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Authors	LA PALOMBARA, NICOLA
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EMCS TM PARAMETER DETAILED LIST

EPIC-EST-TN-008 I.2

Appendix F

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
FIX	Fix bit pattern	F	n/a	0	0	99						

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1001	D Prim PW Consum	V	A	3	12	16						

This field contains the measurement of the primary current consumed in the EMDH.

CALIBRATION CURVE Eng. Value [A] = ((Binary Value * 20) / 4095) - 10

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1002	D P.S. Temp #1	V	degC	3	12	16						

This field contains the first temperature measured in a hot point inside the EMDH Power Supply.

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * (-0.1268)) + 345.74

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1003	D P.S. Temp #2	V	degC	3	12	16						

This field contains the first temperature measured in a hot point inside the EMDH Power Supply.

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * (-0.1268)) + 345.74

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1004	D +5 V PW Supply	V	V	3	12	16						

This field contains the monitor of the EMDH Power Supply +5V secondary voltage.

CALIBRATION CURVE Eng. Value [V] = (((Binary Value * 20) / 4095) - 10) * 2

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1005	D DBU Power +6V	V	V	3	12	16						

This field contains the monitor of the DBU +6V Power Line.

CALIBRATION CURVE Eng. Value [V] = (((Binary Value * 20) / 4095) - 10) * 2

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1006	D +15V PW Supply	V	V	3	12	16						

This field contains the monitor of the EMDH Power Supply +15V secondary voltage.

CALIBRATION CURVE Eng. Value [V] = (((Binary Value * 20) / 4095) - 10) * 2

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1007	D -15V PW Supply	V	V	3	12	16						

This field contains the monitor of the EMDH Power Supply -15V secondary voltage.

CALIBRATION CURVE Eng. Value [V] = (((Binary Value * 20) / 4095) - 10) * 2

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1008	G EMCS Oper Mode	V	n/a	2	8	8						

This field contains indication about the selected EMCS operating mode. This parameter must be considered together with the following parameter E1009, it is affected by TC K0001-8.

RAW VALUE	MEANING
0	Safe StandBy
1	Idle
2	Prime
3	Fast
4	Offset
5	CCD Diagnos.
6	Extraheating
16	InFlightTest

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1009	G EMCS Status	V	n/a	2	8	8						

This field indicates the execution status of the selected EMCS operating mode. This parameter must be considered together with the preceding parameter E1008, it is affected by TC K0001-8.

RAW VALUE	MEANING
0	Valid Mode
1	EnteringMode
2	Leaving Mode
255	NotValidMode

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1010	D Door HOP Stat.	V	n/a	2	1	1						

This field contains indication about the status of the Door HOP switch used to power the actuators in the EMCH. This parameter is influenced by TCs K0044/45.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1011	D Ven Val HOP St	V	n/a	2	1	1						

This field contains indication about the status of the Venting Valve HOP switch used to power the actuators in the EMCH. This parameter is influenced by TCs K0047/48.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1012	D FW Coil 1 Stat	V	n/a	2	1	1						

This field contains indication about the status of the FW Coil 1 switch used to power the actuators in the EMCH. This parameter is influenced by TCs K0049/50.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1013	D FW Coil 2 Stat	V	n/a	2	1	1						

This field contains indication about the status of the FW Coil 2 switch used to power the actuators in the EMCH. This parameter is influenced by TCs K0049/50.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1014	D Ann Heater St.	V	n/a	2	1	1						

This field contains indication about the status of the Annealing Heater switch used to power the actuators in the EMCH. This parameter reaches the status set by TC K0035 Load Extraheating configuration only after TC K0007 Enter Extraheating Mode is executed.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1015	D Shr Heater St.	V	n/a	2	1	1						

This field contains indication about the status of the Shroud Heater switch used to power the actuators in the EMCH. This parameter reaches the status set by TC K0035 Load Extraheating configuration only after TC K0007 Enter Extraheating Mode is executed, it can be modified by TC K0115 Apply / Remove Power Shroud Heater.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1016	D Door HOP LCP	V	n/a	2	1	1						

This field contains indication about the last commanded position of the Door HOP switch used to power the actuators in the EMCH. This parameter is influenced by TCs K0044/45.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1017	D VenVal HOP LCP	V	n/a	2	1	1						

This field contains indication about the last commanded position of the Vent Val HOP switch used to power the actuators in the EMCH. This parameter is influenced by TCs K0047/48.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1018 D FW Coil 1 LCP V n/a 2 1 1

This field contains indication about the last commanded position of the FW Coil 1 switch used to power the actuators in the EMCH. This parameter is influenced by TCs K0049/50.

RAW VALUE MEANING

0 OFF
1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1019 D FW Coil 2 LCP V n/a 2 1 1

This field contains indication about the last commanded position of the FW Coil 2 switch used to power the actuators in the EMCH. This parameter is influenced by TCs K0049/50.

RAW VALUE MEANING

0 OFF
1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1020 D Ann Heater LCP V n/a 2 1 1

This field contains indication about the last commanded position of the Ann. Heater switch used to power the actuators in the EMCH. This parameter reaches the status set by TC K0035 Load Extraheating configuration only after TC K0007 Enter Extraheating Mode is executed.

RAW VALUE MEANING

0 OFF
1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1021 D Shr Heater LCP V n/a 2 1 1

This field contains indication about the last commanded position of the ShroudHeater switch used to power the actuators in the EMCH. This parameter reaches the status set by TC K0035 Load Extraheating configuration only after TC K0007 Enter Extraheating Mode is executed, it can be modified by TC K0115 Apply / Remove Power Shroud Heater.

RAW VALUE MEANING

0 OFF
1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1022 D Door HOP CLS V n/a 2 1 1

This field contains indication about the current limiter status of the Door HOP switch used to power the actuators in the EMCH.

RAW VALUE MEANING

0 OFF
1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1023 D VenVal HOP CLS V n/a 2 1 1

This field contains indication about the current limiter status of the Ven. Val. HOP switch used to power the actuators in the EMCH.

RAW VALUE MEANING

0 OFF
1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1024 D FW Coil 1 CLS V n/a 2 1 1

This field contains indication about the current limiter status of the FW Coil 1 switch used to power the actuators in the EMCH.

RAW VALUE MEANING

0 OFF
1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1025 D FW Coil 2 CLS V n/a 2 1 1

This field contains indication about the current limiter status of the FW Coil 2 switch used to power the actuators in the EMCH.

RAW VALUE MEANING

0 OFF
1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1026 D Ann Heater CLS V n/a 2 1 1

This field contains indication about the current limiter status of the Ann. Heater switch used to power the actuators in the EMCH.

RAW VALUE MEANING

0 OFF
1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1027	D Shr Heater CLS	V	n/a	2	1	1						

This field contains indication about the current limiter status of the Shroud Heater switch used to power the actuators in the EMCH.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1028	D HBR1 Ch. Conf.	V	n/a	2	8	8						

This field contains information about the current operating mode selected for HBR 1 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1029	D HBR2 Ch. Conf.	V	n/a	2	8	8						

This field contains information about the current operating mode selected for HBR 2 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1030	D HBR3 Ch. Conf.	V	n/a	2	8	8						

This field contains information about the current operating mode selected for HBR 3 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1031	D HBR4 Ch. Conf.	V	n/a	2	8	8						

This field contains information about the current operating mode selected for HBR 4 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.

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- 6 Tim. Proces.
- 7 Tim.N.Proce.
- 8 Tim.C.Proce.
- 9 Tim.C.N.Pro.
- 10 Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1032	D HBR5 Ch. Conf.	V	n/a	2	8	8						

This field contains information about the current operating mode selected for HBR 5 Channel.

RAW VALUE MEANING

- 0 Disabled
- 1 Imag. Proc.
- 2 Imag.N.Proc.
- 3 Imag.R.Proc.
- 4 Imag.R.N.Pr.
- 5 EDU Thresh.
- 6 Tim. Proces.
- 7 Tim.N.Proce.
- 8 Tim.C.Proce.
- 9 Tim.C.N.Pro.
- 10 Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1033	D HBR6 Ch. Conf.	V	n/a	2	8	8						

This field contains information about the current operating mode selected for HBR 6 Channel.

RAW VALUE MEANING

- 0 Disabled
- 1 Imag. Proc.
- 2 Imag.N.Proc.
- 3 Imag.R.Proc.
- 4 Imag.R.N.Pr.
- 5 EDU Thresh.
- 6 Tim. Proces.
- 7 Tim.N.Proce.
- 8 Tim.C.Proce.
- 9 Tim.C.N.Pro.
- 10 Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1034	D HBR7 Ch. Conf.	V	n/a	2	8	8						

This field contains information about the current operating mode selected for HBR 7 Channel.

RAW VALUE MEANING

- 0 Disabled
- 1 Imag. Proc.
- 2 Imag.N.Proc.
- 3 Imag.R.Proc.
- 4 Imag.R.N.Pr.
- 5 EDU Thresh.
- 6 Tim. Proces.
- 7 Tim.N.Proce.
- 8 Tim.C.Proce.
- 9 Tim.C.N.Pro.
- 10 Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1035	D HBR8 Ch. Conf.	V	n/a	2	8	8						

This field contains information about the current operating mode selected for HBR 8 Channel.

RAW VALUE MEANING

- 0 Disabled
- 1 Imag. Proc.
- 2 Imag.N.Proc.
- 3 Imag.R.Proc.
- 4 Imag.R.N.Pr.
- 5 EDU Thresh.
- 6 Tim. Proces.
- 7 Tim.N.Proce.

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8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1036	D HBR 1 Buff Occ	V	n/a	3	4	8						

This field contains information about the HBR 1 Channel Buffer Occupation expressed in Kbytes.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1037	D HBR 2 Buff Occ	V	n/a	3	4	8						

This field contains information about the HBR 2 Channel Buffer Occupation expressed in Kbytes.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1038	D HBR 3 Buff Occ	V	n/a	3	4	8						

This field contains information about the HBR 3 Channel Buffer Occupation expressed in Kbytes.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1039	D HBR 4 Buff Occ	V	n/a	3	4	8						

This field contains information about the HBR 4 Channel Buffer Occupation expressed in Kbytes.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1040	D HBR 5 Buff Occ	V	n/a	3	4	8						

This field contains information about the HBR 5 Channel Buffer Occupation expressed in Kbytes.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1041	D HBR 6 Buff Occ	V	n/a	3	4	8						

This field contains information about the HBR 6 Channel Buffer Occupation expressed in Kbytes.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1042	D HBR 7 Buff Occ	V	n/a	3	4	8						

This field contains information about the HBR 7 Channel Buffer Occupation expressed in Kbytes.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1043	D HBR 8 Buff Occ	V	n/a	3	4	8						

This field contains information about the HBR 8 Channel Buffer Occupation expressed in Kbytes.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1044	CTimAutResPreVal	V	sec	3	12	16						

Preset value (sec) loaded by the Preset Time Counter telecommand in the EMDH counter, used for the automatic reset of the EMCR time.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1045	D LBR I/F Status	V	n/a	2	0	16						

This field contains information about the EMDH LBR I/F Status.

RAW VALUE	MEANING
0	I/F OK
65280	I/F busy

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1046	DLast Com FW Pos	V	n/a	3	12	16						

This field contains information about the last commanded position of the Filter Wheel, expressed in stepper motor number. This parameter is influenced by TCs K0084/85.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1047	D HBR1 Disc Even	V	n/a	3	12	16						

N of valid events received from HBR 1 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 events are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1048	D HBR2 Disc Even	V	n/a	3	12	16						

N of valid events received from HBR 2 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 events are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1049	D HBR3 Disc Even	V	n/a	3	12	16						

N of valid events received from HBR 3 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 events are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1050	D HBR4 Disc Even	V	n/a	3	12	16						

N of valid events received from HBR 4 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 events are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1051	D HBR5 Disc Even	V	n/a	3	12	16						

N of valid events received from HBR 5 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 events are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1052	D HBR6 Disc Even	V	n/a	3	12	16						

N of valid events received from HBR 6 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 events are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1053	D HBR7 Disc Even	V	n/a	3	12	16						

N of valid events received from HBR 7 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 events are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1054	D HBR8 Disc Even	V	n/a	3	12	16						

N of valid events received from HBR 8 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 events are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1055	D HBR1 Disc Fram	V	n/a	3	12	16						

N of frames received from HBR 1 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 frames are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1056	D HBR2 Disc Fram	V	n/a	3	12	16						

N of frames received from HBR 2 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 frames are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1057	D HBR3 Disc Fram	V	n/a	3	12	16						

N of frames received from HBR 3 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 frames are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1058	D HBR4 Disc Fram	V	n/a	3	12	16						

N of frames received from HBR 4 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 frames are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1059	D HBR5 Disc Fram	V	n/a	3	12	16						

N of frames received from HBR 5 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 frames are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1060	D HBR6 Disc Fram	V	n/a	3	12	16						

N of frames received from HBR 6 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 frames are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1061	D HBR7 Disc Fram	V	n/a	3	12	16						

N of frames received from HBR 7 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 frames are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1062	D HBR8 Disc Fram	V	n/a	3	12	16						

N of frames received from HBR 8 channel and discarded by EMDH starting from entering of the counting mode (TLM buffers full). Range from 0 to 32767. In case more than 32767 frames are discarded the parameter is set to 65535.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1065	D Door HOP ArmST	V	n/a	2	8	8						

This field contains the EMDH Door HOP switch arming status. This parameter is influenced by TCs K0043/45

RAW VALUE	MEANING
0	Not Armed
1	Armed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1066	D VenValHOPArmST	V	n/a	2	8	8						

This field contains the EMDH Venting Valve HOP switch arming status. This parameter is influenced by TCs K0046/48.

RAW VALUE	MEANING
0	Not Armed
1	Armed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1067	C H/K Ref Status	V	n/a	2	0	16						

This field contains information about the refresh status of the EMCR H/K block contained in this packet. There are some conditions where EMCR is not able to deliver the H/K packet to EMDH, therefore the old valid H/K will be inserted and this flag set.

RAW VALUE	MEANING
0	New EMCR
65535	Old EMCR H/K

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1068	C EDU 0 Status	V	n/a	3	12	16						
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This field contains the information about the EMCR EDU 0 status.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1069	C EDU 1 Status	V	n/a	3	12	16						
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This field contains the information about the EMCR EDU 1 status.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1070	C EDU 2 Status	V	n/a	3	12	16						
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This field contains the information about the EMCR EDU 2 status.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1071	C EDU 3 Status	V	n/a	3	12	16						
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This field contains the information about the EMCR EDU 3 status.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1072	C EDU 4 Status	V	n/a	3	12	16						
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This field contains the information about the EMCR EDU 4 status.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1073	C EDU 5 Status	V	n/a	3	12	16						
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This field contains the information about the EMCR EDU 5 status.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1074	C EDU 6 Status	V	n/a	3	12	16						
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This field contains the information about the EMCR EDU 6 status.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1075	C EDU 7 Status	V	n/a	3	12	16						
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This field contains the information about the EMCR EDU 7 status.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1076	C EMAE -6 V Line	V	V	3	4	8						
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This field contains the information about the voltage value of the -6V line delivered to EMAE.

CALIBRATION CURVE Eng. Value [V] = (Binary Value - 128) * 0.082

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1077	C EMAE +6 V Line	V	V	3	4	8						
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This field contains the information about the voltage value of the +6V line delivered to EMAE.

CALIBRATION CURVE Eng. Value [V] = (Binary Value - 128) * 0.082

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Appendix F

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1078	C EMAE -13V Line	V	V	3	4	8						

This field contains the information about the voltage value of the -13V line delivered to EMAE.

CALIBRATION CURVE Eng. Value [V] = (Binary Value - 128) * 0.195

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1079	C EMAE +13V Line	V	V	3	4	8						

This field contains the information about the voltage value of the +13V line delivered to EMAE.

CALIBRATION CURVE Eng. Value [V] = (Binary Value - 128) * 0.195

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1080	C EMAE +28V Line	V	V	3	4	8						

This field contains the information about the voltage value of the +28V line delivered to EMAE.

CALIBRATION CURVE Eng. Value [V] = (Binary Value - 128) * 0.414

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1081	C EMAE +18V Line	V	V	3	4	8						

This field contains the information about the voltage value of the +18V line delivered to EMAE.

CALIBRATION CURVE Eng. Value [V] = (Binary Value - 128) * 0.260

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1082	C Signal Ground	V	V	3	4	8						

This field contains the information about the voltage value of the EMCR Signal Ground. This value can be used for correlation of the other analog acquisitions.

CALIBRATION CURVE Eng. Value [V] = (Binary Value - 128) * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1083	C EMAE +32V Line	V	V	3	4	8						

This field contains the information about the voltage value of the +32V line delivered to EMAE.

CALIBRATION CURVE Eng. Value [V] = (Binary Value - 128) * 0.466

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1084	V EMVC Temp. #1	V	degC	3	4	8						

This field contains the first temperature measured in a hot point inside the EMVC.

CALIBRATION CURVE Eng. Value [°C] = (((Binary Value - 128) * 0.039) + 1.325) / 0.0681

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1085	C EMCR Temp. #1	V	degC	3	4	8						

This field contains the first temperature measured in a hot point inside the EMCR.

CALIBRATION CURVE Eng. Value [°C] = (((Binary Value - 128) * 0.039) + 1.325) / 0.0681

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1086	C EMCR +5 V Line	V	V	3	4	8						

This field contains the information about the voltage value of the +5V line used by EMCR.

CALIBRATION CURVE Eng. Value [V] = (Binary Value - 128) * 0.082

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1087	V EMVC Temp. #2	V	degC	3	4	8						

This field contains the second temperature measured in a hot point inside the EMVC.

CALIBRATION CURVE Eng. Value [°C] = (((Binary Value - 128) * 0.039) + 1.325) / 0.0681

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1088	C EMCR -13V Line	V	V	3	4	8						

This field contains the information about the voltage value of the -13V line used by EMCR.

CALIBRATION CURVE Eng. Value [V] = (Binary Value - 128) * 0.205

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1089	C EMCR +13V Line	V	V	3	4	8						

This field contains the information about the voltage value of the +13V line used by EMCR.

CALIBRATION CURVE Eng. Value [V] = (Binary Value - 128) * 0.205

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1090	C EMCR Temp. #2	V	degC	3	4	8						

This field contains the second temperature measured in a hot point inside the EMCR.

CALIBRATION CURVE Eng. Value [°C] = (((Binary Value - 128) * 0.039) + 1.325) / 0.0681

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1091	CEMAECmEchoErCn	V	n/a	3	4	8						

This field counts the wrong echo received from EMAE as response to each command.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1092	CEMAELsWrEchoCo	V	n/a	2	8	8						

This field contains the address of the last EMAE command whose echo was not correct.

RAW VALUE **MEANING**

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1093	E CCD 1 VBB	V	V	3	4	8						

This field contains the value of the CCD 1 Vbb Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1094	E CCD 1 VSS	V	V	3	4	8						

This field contains the value of the CCD 1 Vss Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1095	E CCD 1 VID	V	V	3	4	8						

This field contains the value of the CCD 1 Vid Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1096	E CCD 1 VGR	V	V	3	4	8						

This field contains the value of the CCD 1 Vgr Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1097	E CCD 1 VRD1	V	V	3	4	8						

This field contains the value of the CCD 1 Vrd1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1098	E CCD 1 VOG1	V	V	3	4	8						

This field contains the value of the CCD 1 Vog1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1099	E CCD 1 VOG2	V	V	3	4	8						

This field contains the value of the CCD 1 Vog2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1100	E CCD 1 VOD1	V	V	3	4	8						

This field contains the value of the CCD 1 Vod1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1101	E CCD 1 VOD2	V	V	3	4	8						

This field contains the value of the CCD 1 Vod2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1102	E CCD 1 VRD2	V	V	3	4	8						

This field contains the value of the CCD 1 Vrd2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1103	E CCD 1 S	V	V	3	4	8						

This field contains the value of the CCD 1 Vs Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1104	E CCD 1 I	V	V	3	4	8						

This field contains the value of the CCD 1 Vi Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0613

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1105	E CCD 1 IG	V	V	3	4	8						

This field contains the value of the CCD 1 Vig Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.059

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1106	E CCD 1 R	V	V	3	4	8						

This field contains the value of the CCD 1 Vr Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1107	E CCD 1 RESET 2	V	V	3	4	8						

This field contains the value of the CCD 1 Vreset2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1108	E CCD 1 RESET 1	V	V	3	4	8						

This field contains the value of the CCD 1 Vreset1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 1 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1109	A AnCh1/2 SeqRam	V	n/a	2	1	1						

Current status of the Analogue Chain 1/2 Sequencer Ram (Load/Run). This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	Load
1	Run

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1110	AAAnCh1/2InbCtrlC	V	n/a	2	1	1						

Current status of the Analogue Chain 1/2 Port Inhibit On/Off Control C. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1111	AAAnCh1/2InbCtrlB	V	n/a	2	1	1						

Current status of the Analogue Chain 1/2 Port Inhibit On/Off Control B. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1112	AAAnCh1/2InbCtrlA	V	n/a	2	1	1						

Current status of the Analogue Chain 1/2 Port Inhibit On/Off Control A. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1113	AAAnCh1/2IntSimul	V	n/a	2	3	3						

This parameter reports if the Analogue Chain 1/2 or the Internal Simulator has been selected as Chain Input. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	ChainNorNod0
1	ChainNorNod1
2	Chain/10Nod0
3	Chain/10Nod1
4	SimulatorMax
5	Simulator_/2
6	Simulator_/4
7	Simulator_/8

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1116	AAAnCh1/2GaNumSet	V	n/a	3	4	8						

Analogue Chain 1/2 Gatti Number Setting. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1117	AAAnCh1/2LoadAddL	V	n/a	3	3	7						

This parameter reports the Sequencer RAM Word Address for the Analogue Chain 1/2 (7 Least Significant Bits). This parameter must be read together with E1118.,

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1118	AAAnCh1/2LoadAddM	V	n/a	2	2	2						

This parameter reports the Sequencer RAM Word Address for the Analogue Chain 1/2 (2 Most Significant Bits). This parameter must be read together with E1117.,

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1119	A Seq PC FW Mode	V	n/a	2	1	1						

This parameter reports the current mode of the Wheel Drive Sequencer Ram (Load/Run). This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	Load

1 Run

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1120	A SeqPCFWDrvInbC	V	n/a	2	1	1						

This parameter reports the status of the Wheel Drive Sequence Inhibit C. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1121	A SeqPCFWDrvInbB	V	n/a	2	1	1						

This parameter reports the status of the Wheel Drive Sequence Inhibit B. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1122	A SeqPCFWDrvInbA	V	n/a	2	1	1						

This parameter reports the status of the Wheel Drive Sequence Inhibit A. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1123	A SeqPCWhDrvDirec	V	n/a	2	1	1						

This parameter reports the movement direction of the Wheel Drive. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
0	Forward
1	Backward

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1124	A SeqPCWhMovTrig	V	n/a	2	1	1						

FW movement trigger status (this HK can be considered meaningless due to the edge operation)

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1125	AAAnCh1/2LoadData	V	n/a	3	4	8						

This parameter reports the last byte loaded or dumped to/from the Sequencer RAM into Sequencer Analogue Chain 1/2 Load Address. This parameter is automatically generated by EMCR, but it can be modified by TC K0081. Low or high part of the addressed word is shown depending on the value of parameter AAAnCh1/2DataBySe (E1586).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1126	A SeqFW LoadAddL	V	n/a	3	3	7						

This parameter reports the Sequencer RAM Word Address for the Filter Wheel (7 Least Significant Bits). This parameter must be read together with E1127.,

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1127	A SeqFW LoadAddM	V	n/a	2	2	2						

This parameter reports the Sequencer RAM Word Address for the Filter Wheel (2 Most Significant Bits). This parameter must be read together with E1126.,

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1128	A FWActStepCntM	V	n/a	3	4	8						

Filter Wheel Actual Step Counter (MSB) in the EMAE it is loaded with the number of steps to be sent to the FW and decremented to 0 This parameter must be read together with E1138.,

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1129 A SeqFW LoadData V n/a 3 4 8

This parameter reports the last byte loaded or dumped to/from the Sequencer RAM into Sequencer FW Load Address. This parameter is automatically generated by EMCR, but it can be modified by TC K0081. Low or high part of the addressed word is shown depending on the value of parameter ASeqFWDataBySe (E1590).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1130 A AnCh8 PWStatus V n/a 2 1 1

Analogue Chain 8 Power Status.

RAW VALUE MEANING

0 OFF

1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1131 A AnCh7 PWStatus V n/a 2 1 1

Analogue Chain 7 Power Status.

RAW VALUE MEANING

0 OFF

1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1132 A AnCh6 PWStatus V n/a 2 1 1

Analogue Chain 6 Power Status.

RAW VALUE MEANING

0 OFF

1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1133 A AnCh5 PWStatus V n/a 2 1 1

Analogue Chain 5 Power Status.

RAW VALUE MEANING

0 OFF

1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1134 A AnCh4 PWStatus V n/a 2 1 1

Analogue Chain 4 Power Status.

RAW VALUE MEANING

0 OFF

1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1135 A AnCh3 PWStatus V n/a 2 1 1

Analogue Chain 3 Power Status.

RAW VALUE MEANING

0 OFF

1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1136 A AnCh2 PWStatus V n/a 2 1 1

Analogue Chain 2 Power Status.

RAW VALUE MEANING

0 OFF

1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1137 A AnCh1 PWStatus V n/a 2 1 1

Analogue Chain 1 Power Status.

RAW VALUE MEANING

0 OFF

1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1138	A FWActStepCntL	V	n/a	3	4	8						
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Filter Wheel Actual Step Counter LSB. This parameter must be read together with E1128.,

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1139	H PreAmp14 PW ST	V	n/a	2	1	1						
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This field contains the on/off status of the EMCH preamplifier 14.

RAW VALUE	MEANING
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0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1140	H PreAmp13 PW ST	V	n/a	2	1	1						
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This field contains the on/off status of the EMCH preamplifier 13.

RAW VALUE	MEANING
-----------	---------

0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1141	H PreAmp12 PW ST	V	n/a	2	1	1						
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This field contains the on/off status of the EMCH preamplifier 12.

RAW VALUE	MEANING
-----------	---------

0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1142	H PreAmp11 PW ST	V	n/a	2	1	1						
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This field contains the on/off status of the EMCH preamplifier 11.

RAW VALUE	MEANING
-----------	---------

0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1143	H PreAmp10 PW ST	V	n/a	2	1	1						
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This field contains the on/off status of the EMCH preamplifier 10.

RAW VALUE	MEANING
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0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1144	H PreAmp09 PW ST	V	n/a	2	1	1						
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This field contains the on/off status of the EMCH preamplifier 9.

RAW VALUE	MEANING
-----------	---------

0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1145	H PreAmp01 PW ST	V	n/a	2	1	1						
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This field contains the on/off status of the EMCH preamplifier 1.

RAW VALUE	MEANING
-----------	---------

0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1146	H PreAmp02 PW ST	V	n/a	2	1	1						
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This field contains the on/off status of the EMCH preamplifier 2.

RAW VALUE	MEANING
-----------	---------

0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1147	H PreAmp03 PW ST	V	n/a	2	1	1						
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This field contains the on/off status of the EMCH preamplifier 3.

RAW VALUE	MEANING
-----------	---------

0	OFF
---	-----

1	ON
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1148	H PreAmp04 PW ST	V	n/a	2	1	1						
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This field contains the on/off status of the EMCH preamplifier 4.

RAW VALUE	MEANING
-----------	---------

0	OFF
---	-----

1	ON
---	----

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1149	H PreAmp05 PW ST	V	n/a	2	1	1						
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This field contains the on/off status of the EMCH preamplifier 5.

RAW VALUE	MEANING
-----------	---------

0	OFF
---	-----

1	ON
---	----

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1150	H PreAmp06 PW ST	V	n/a	2	1	1						
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This field contains the on/off status of the EMCH preamplifier 6.

RAW VALUE	MEANING
-----------	---------

0	OFF
---	-----

1	ON
---	----

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1151	H PreAmp07 PW ST	V	n/a	2	1	1						
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This field contains the on/off status of the EMCH preamplifier 7.

RAW VALUE	MEANING
-----------	---------

0	OFF
---	-----

1	ON
---	----

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1152	H PreAmp08 PW ST	V	n/a	2	1	1						
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This field contains the on/off status of the EMCH preamplifier 8.

RAW VALUE	MEANING
-----------	---------

0	OFF
---	-----

1	ON
---	----

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1153	ASeq7/8ReadOutSy	V	n/a	2	1	1						
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This parameter reports the active/not active status of the Sequencer 7/8 Readout Synchronizer. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
-----------	---------

0	Not Active
---	------------

1	Active
---	--------

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1154	ASeq5/6ReadOutSy	V	n/a	2	1	1						
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This parameter reports the active/not active status of the Sequencer 5/6 Readout Synchronizer. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
-----------	---------

0	Not Active
---	------------

1	Active
---	--------

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1155	ASeq3/4ReadOutSy	V	n/a	2	1	1						
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This parameter reports the active/not active status of the Sequencer 3/4 Readout Synchronizer. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
-----------	---------

0	Not Active
---	------------

1	Active
---	--------

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1156	ASeq1/2ReadOutSy	V	n/a	2	1	1						
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This parameter reports the active/not active status of the Sequencer 1/2 Readout Synchronizer. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
-----------	---------

0	Not Active
---	------------

1	Active
---	--------

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1157	ASeq7/8FrmTranSy	V	n/a	2	1	1						
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This parameter reports the active/not active status of the Sequencer 7/8 Frame Transfer Synchronizer. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
-----------	---------

0	Not Active
---	------------

1	Active
---	--------

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1158	ASeq5/6FrmTranSy	V	n/a	2	1	1						
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This parameter reports the active/not active status of the Sequencer 5/6 Frame Transfer Synchronizer. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
-----------	---------

0	Not Active
---	------------

1	Active
---	--------

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1159	ASeq3/4FrmTranSy	V	n/a	2	1	1						
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This parameter reports the active/not active status of the Sequencer 3/4 Frame Transfer Synchronizer. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
-----------	---------

0	Not Active
---	------------

1	Active
---	--------

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1160	ASeq1/2FrmTranSy	V	n/a	2	1	1						
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This parameter reports the active/not active status of the Sequencer 1/2 Frame Transfer Synchronizer. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

RAW VALUE	MEANING
-----------	---------

0	Not Active
---	------------

1	Active
---	--------

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1161	AFPTCPwStAnHeRe	V	n/a	2	1	1						
-------	-----------------	---	-----	---	---	---	--	--	--	--	--	--

Focal Plane Annealing Heater Relay Drive Power Status. This parameter is automatically set by EMCR, but it can be modified by TC K0102.

RAW VALUE	MEANING
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0	OFF
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1	ON
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1162	AFPTCPwStVacuSen	V	n/a	2	1	1						
-------	------------------	---	-----	---	---	---	--	--	--	--	--	--

Focal Plane Vacuum Sensor Strain Gauge Power Status.

RAW VALUE	MEANING
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0	OFF
---	-----

1	ON
---	----

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1163	AFPTCPwStTemCon	V	n/a	2	1	1						
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Focal Plane Temperature Control Redundant Power Status.

RAW VALUE	MEANING
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0	OFF
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1	ON
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1164	AFPTCPwStTemCon	V	n/a	2	1	1						
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Focal Plane Temperature Control Nominal Power Status.

RAW VALUE	MEANING
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0	OFF
---	-----

1	ON
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1165	E CCD 2 VBB	V	V	3	4	8						

This field contains the value of the CCD 2 Vbb Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1166	E CCD 2 VSS	V	V	3	4	8						

This field contains the value of the CCD 2 Vss Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1167	E CCD 2 VID	V	V	3	4	8						

This field contains the value of the CCD 2 Vid Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1168	E CCD 2 VGR	V	V	3	4	8						

This field contains the value of the CCD 2 Vgr Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1169	E CCD 2 VRD1	V	V	3	4	8						

This field contains the value of the CCD 2 Vrd1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1170	E CCD 2 VOG1	V	V	3	4	8						

This field contains the value of the CCD 2 Vog1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1171	E CCD 2 VOG2	V	V	3	4	8						

This field contains the value of the CCD 2 Vog2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1172	E CCD 2 VOD1	V	V	3	4	8						

This field contains the value of the CCD 2 Vod1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1173	E CCD 2 VOD2	V	V	3	4	8						

This field contains the value of the CCD 2 Vod2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1174	E CCD 2 VRD2	V	V	3	4	8						

This field contains the value of the CCD 2 Vrd2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1175	E CCD 2 S	V	V	3	4	8						

This field contains the value of the CCD 2 Vs Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1176	E CCD 2 I	V	V	3	4	8						

This field contains the value of the CCD 2 Vi Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0613

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1177	E CCD 2 IG	V	V	3	4	8						

This field contains the value of the CCD 2 Vig Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.059

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1178	E CCD 2 R	V	V	3	4	8						

This field contains the value of the CCD 2 Vr Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1179	E CCD2 RESET2	V	V	3	4	8						

This field contains the value of the CCD 2 Vreset2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1180	E CCD2 RESET1	V	V	3	4	8						

This field contains the value of the CCD 2 Vreset1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 2 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1181	E CCD 5 VBB	V	V	3	4	8						

This field contains the value of the CCD 5 Vbb Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1182	E CCD 5 VSS	V	V	3	4	8						

This field contains the value of the CCD 5 Vss Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1183	E CCD 5 VID	V	V	3	4	8						

This field contains the value of the CCD 5 Vid Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1184	E CCD 5 VGR	V	V	3	4	8						

This field contains the value of the CCD 5 Vgr Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1185	E CCD 5 VRD1	V	V	3	4	8						

This field contains the value of the CCD 5 Vrd1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1186	E CCD 5 VOG1	V	V	3	4	8						

This field contains the value of the CCD 5 Vog1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1187	E CCD 5 VOG2	V	V	3	4	8						

This field contains the value of the CCD 5 Vog2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1188	E CCD 5 VOD1	V	V	3	4	8						

This field contains the value of the CCD 5 Vod1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1189	E CCD 5 VOD2	V	V	3	4	8						

This field contains the value of the CCD 5 Vod2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1190	E CCD 5 VRD2	V	V	3	4	8						

This field contains the value of the CCD 5 Vrd2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1191	E CCD 5 S	V	V	3	4	8						

This field contains the value of the CCD 5 Vs Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1192	E CCD 5 I	V	V	3	4	8						

This field contains the value of the CCD 5 Vi Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0613

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1193	E CCD 5 IG	V	V	3	4	8						

This field contains the value of the CCD 5 Vig Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.059

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1194	E CCD 5 R	V	V	3	4	8						

This field contains the value of the CCD 5 Vr Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1195	E CCD 5 RESET2	V	V	3	4	8						

This field contains the value of the CCD 5 Vreset2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1196	E CCD 5 RESET1	V	V	3	4	8						

This field contains the value of the CCD 5 Vreset1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 5 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1197	A AnCh3/4 SeqRam	V	n/a	2	1	1						

Current status of the Analogue Chain 3/4 Sequencer Ram (Load/Run). This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	Load
1	Run

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1198	AAAnCh3/4InbCtrlC	V	n/a	2	1	1						

Current status of the Analogue Chain 3/4 Port Inhibit On/Off Control C. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1199	AAAnCh3/4InbCtrlB	V	n/a	2	1	1						

Current status of the Analogue Chain 3/4 Port Inhibit On/Off Control B. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1200	AAAnCh3/4InbCtrlA	V	n/a	2	1	1						

Current status of the Analogue Chain 3/4 Port Inhibit On/Off Control A. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1201	AAAnCh3/4IntSimul	V	n/a	2	3	3						

This parameter reports if the Analogue Chain 3/4 or the Internal Simulator has been selected as Chain Input. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	ChainNorNod0
1	ChainNorNod1
2	Chain/10Nod0
3	Chain/10Nod1
4	SimulatorMax
5	Simulator_/2
6	Simulator_/4
7	Simulator_/8

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1204	AAAnCh3/4GaNumSet	V	n/a	3	4	8						

This parameter reports the Analogue Chain 3/4 Gatti Number Setting presently add to the CCD signal before ADC conversion. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1205 AAnCh3/4LoadAddL V n/a 3 3 7

This parameter reports the Sequencer RAM Word Address for the Analogue Chain 3/4 (7 Least Significant Bits). This parameter must be read together with E1206.,

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1206 AAnCh3/4LoadAddM V n/a 2 2 2

This parameter reports the Sequencer RAM Word Address for the Analogue Chain 3/4 (2 Most Significant Bits). This parameter must be read together with E1205.,

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1207 AFPNomThCoTemSe V degC 3 4 8

This field contains the focal plane temperature main thermal control setting. The monitor is the read back digital value from the register set by the Set Focal Plane Temperature Main Control telecommand.

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 0.869) - 168

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1208 AAnCh3/4LoadData V n/a 3 4 8

This parameter reports the last byte loaded or dumped to/from the Sequencer RAM into Sequencer Analogue Chain 3/4 Load Address. This parameter is automatically generated by EMCR, but it can be modified by TC K0081. Low or high part of the addressed word is shown depending on the value of parameter AAnCh3/4DataBySe (E1587).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1209 E CCD 4 VSS V V 3 4 8

This field contains the value of the CCD 4 Vss Voltage.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1210 AFPRedThCoTemSet V degC 3 4 8

This field contains the focal plane temperature redundant thermal control setting. The monitor is the read back digital value from the register set by the Set Focal Plane Temperature Redundant Control telecommand.

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 0.869) - 168

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1211 E CCD 4 VGR V V 3 4 8

This field contains the value of the CCD 4 Vgr Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1212 E CCD 4 VBB V V 3 4 8

This field contains the value of the CCD 4 Vbb Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1213 E CCD 4 VOG1 V V 3 4 8

This field contains the value of the CCD 4 Vog1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1214	E CCD 4 VID	V	V	3	4	8						

This field contains the value of the CCD 4 Vid Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1215	E CCD 4 VOD1	V	V	3	4	8						

This field contains the value of the CCD 4 Vod1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1216	E CCD 4 VRD1	V	V	3	4	8						

This field contains the value of the CCD 4 Vrd1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1217	E CCD 4 VRD2	V	V	3	4	8						

This field contains the value of the CCD 4 Vrd2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1218	E CCD 4 VOG2	V	V	3	4	8						

This field contains the value of the CCD 4 Vog2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1219	E CCD 4 I	V	V	3	4	8						

This field contains the value of the CCD 4 Vi Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0613

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1220	E CCD 4 VOD2	V	V	3	4	8						

This field contains the value of the CCD 4 Vod2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1221	E CCD 4 R	V	V	3	4	8						

This field contains the value of the CCD 4 Vr Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1222	E CCD 4 S	V	V	3	4	8						

This field contains the value of the CCD 4 Vs Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1223	E CCD 4 RESET 1	V	V	3	4	8						

This field contains the value of the CCD 4 Vreset1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1224	E CCD 4 IG	V	V	3	4	8						

This field contains the value of the CCD 4 Vig Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.059

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1225	E CCD 7 VSS	V	V	3	4	8						

This field contains the value of the CCD 7 Vss Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1226	E CCD 4 RESET2	V	V	3	4	8						

This field contains the value of the CCD 4 Vreset2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 4 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1227	E CCD 7 VGR	V	V	3	4	8						

This field contains the value of the CCD 7 Vgr Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1228	E CCD 7 VBB	V	V	3	4	8						

This field contains the value of the CCD 7 Vbb Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1229	E CCD 7 VOG1	V	V	3	4	8						

This field contains the value of the CCD 7 Vog1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1230	E CCD 7 VID	V	V	3	4	8						

This field contains the value of the CCD 7 Vid Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1231	E CCD 7 VOD1	V	V	3	4	8						

This field contains the value of the CCD 7 Vod1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1232	E CCD 7 VRD1	V	V	3	4	8						

This field contains the value of the CCD 7 Vrd1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1233	E CCD 7 VRD2	V	V	3	4	8						

This field contains the value of the CCD 7 Vrd2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1234	E CCD 7 VOG2	V	V	3	4	8						

This field contains the value of the CCD 7 Vog2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1235	E CCD 7 I	V	V	3	4	8						

This field contains the value of the CCD 7 Vi Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0613

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1236	E CCD 7 VOD2	V	V	3	4	8						

This field contains the value of the CCD 7 Vod2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1237	E CCD 7 R	V	V	3	4	8						

This field contains the value of the CCD 7 Vr Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1238	E CCD 7 S	V	V	3	4	8						

This field contains the value of the CCD 7 Vs Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1239	E CCD 7 RESET1	V	V	3	4	8						

This field contains the value of the CCD 7 Vreset1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1240	E CCD 7 IG	V	V	3	4	8						

This field contains the value of the CCD 7 Vig Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.059

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1241	AAAnCh5/6GaNumSet	V	n/a	3	4	8						

Analogue Chain 5/6 Gatti Number Setting. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1242	E CCD 7 RESET2	V	V	3	4	8						

This field contains the value of the CCD 7 Vreset2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 7 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1243	AAAnCh5/6LoadAddM	V	n/a	2	2	2						

This parameter reports the Sequencer RAM Word Address for the Analogue Chain 5/6 (2 Most Significant Bits). This parameter must be read together with E1252.,

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1244	A AnCh5/6 SeqRam	V	n/a	2	1	1						

Current status of the Analogue Chain 5/6 Sequencer Ram Load/Run. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE MEANING

0	Load
1	Run

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1245	AAAnCh5/6InbCtrlC	V	n/a	2	1	1						

Current status of the Analogue Chain 5/6 Port Inhibit On/Off Control C. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE MEANING

0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1246	AAAnCh5/6InbCtrlB	V	n/a	2	1	1						

Current status of the Analogue Chain 5/6 Port Inhibit On/Off Control B. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE MEANING

0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1247	AAAnCh5/6InbCtrlA	V	n/a	2	1	1						

Current status of the Analogue Chain 5/6 Port Inhibit On/Off Control A. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE MEANING

0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1248	AAAnCh5/6IntSimul	V	n/a	2	3	3						

This parameter reports if the Analogue Chain 5/6 or the Internal Simulator has been selected as Chain Input. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE MEANING

0	ChainNorNod0
1	ChainNorNod1
2	Chain/10Nod0
3	Chain/10Nod1
4	SimulatorMax
5	Simulator_/2
6	Simulator_/4
7	Simulator_/8

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1251	AAAnCh5/6LoadData	V	n/a	3	4	8						

This parameter reports the last byte loaded or dumped to/from the Sequencer RAM into Sequencer Analogue Chain 5/6 Load Address. This parameter is automatically generated by EMCR, but it can be modified by TC K0081. Low or high part of the addressed word is shown depending on the value of parameter AAAnCh5/6DataBySe (E1588).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1252	AAAnCh5/6LoadAddL	V	n/a	3	3	7						

This parameter reports the Sequencer RAM Word Address for the Analogue Chain 5/6 (7 Least Significant Bits). This parameter must be read together with E1243.,

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1253	H FPlanNorRanTem	V	degC	3	4	8						

This field contains the focal plane temperature. This field gives a correct monitor only in the range between -180 °C to - 80 °C.

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 0.357) - 159

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1254	H FW NominalStop	V	n/a	2	1	1						

Status of the Filter Wheel Nominal Stop Sensor. This parameter is influenced by TCs K0084/85.

RAW VALUE MEANING

0	In Position
1	Out Position

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1255	HDoorBellowState	V	n/a	2	1	1						

Status of the Door Bellow Retracted Hall Sensor.

RAW VALUE MEANING

0	Retracted
1	NotRetracted

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1256	H Door Open uSw	V	n/a	2	1	1						

Status of the Door Open microswitch.

RAW VALUE MEANING

0	Open
1	Closed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1257	H FW Position	V	n/a	2	3	3						

This parameter gives the Absolute Position of the Filter Wheel, with reference to the mounted filters. This parameter is influenced by TCs K0084/85.

RAW VALUE MEANING

0	Open
1	Filter D
2	Filter C
3	Filter B
4	Filter A
5	Closed
6	IllegalValue
7	Not Valid CS

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1258	H FW Redund Stop	V	n/a	2	1	1						

Status of the Filter Wheel Stop Redundant Sensor. This parameter is influenced by TCs K0084/85.

RAW VALUE MEANING

0	In Position
1	Out Position

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1260	AFPRedThCoTemMo	V	degC	3	4	8						

This field contains the focal plane redundant thermal control temperature monitor. This value is used as feedback in the focal plane redundant thermal control.

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 1.01) - 170.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1261	H Vacuum Monitor	V	mV	3	4	8						

This field contains the EMCH vacuum monitor.

CALIBRATION CURVE Eng. Value [mV] = Binary Value * 39.06

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1262	H Secon Rad Temp	V	degC	3	4	8						

This field contains the temperature of the EMCH Secondary Radiator.

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 1.689) - 225.9

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1263	A Rad. Mon. FET1	V	mV	3	4	8						

This field contains the Radiation Monitor measured by FET 1 in the EMAE.

CALIBRATION CURVE Eng. Value [mV] = Binary Value * 39.06

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1264	A Rad. Mon. FET3	V	mV	3	4	8						

This field contains the Radiation Monitor measured by FET 3 in the EMAE

CALIBRATION CURVE Eng. Value [mV] = Binary Value * 39.06

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1265	HDoorBellowPress	V	Bar	3	4	8						

This field contains the monitor of the pressure inside the EMCH Door Bellows.

CALIBRATION CURVE Eng. Value [Bar] = ((Binary Value * 39.06)/1000)-2

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1266	E CCD 3 VBB	V	V	3	4	8						

This field contains the value of the CCD 3 Vbb Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1267	E CCD 3 VSS	V	V	3	4	8						

This field contains the value of the CCD 3 Vss Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1268	E CCD 3 VID	V	V	3	4	8						

This field contains the value of the CCD 3 Vid Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1269	E CCD 3 VGR	V	V	3	4	8						

This field contains the value of the CCD 3 Vgr Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1270	E CCD 3 VRD1	V	V	3	4	8						

This field contains the value of the CCD 3 Vrd1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1271	E CCD 3 VOG1	V	V	3	4	8						

This field contains the value of the CCD 3 Vog1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1272	E CCD 3 VOG2	V	V	3	4	8						

This field contains the value of the CCD 3 Vog2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1273	E CCD 3 VOD1	V	V	3	4	8						

This field contains the value of the CCD 3 Vod1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1274	E CCD 3 VOD2	V	V	3	4	8						

This field contains the value of the CCD 3 Vod2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1275	E CCD 3 VRD2	V	V	3	4	8						

This field contains the value of the CCD 3 Vrd2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1276	E CCD 3 S	V	V	3	4	8						

This field contains the value of the CCD 3 Vs Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1277	E CCD 3 I	V	V	3	4	8						

This field contains the value of the CCD 3 Vi Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0613

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1278	E CCD 3 IG	V	V	3	4	8						

This field contains the value of the CCD 3 Vig Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.059

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1279	E CCD 3 R	V	V	3	4	8						

This field contains the value of the CCD 3 Vr Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1280	E CCD 3 RESET2	V	V	3	4	8						

This field contains the value of the CCD 3 Vreset2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1281	E CCD 3 RESET1	V	V	3	4	8						

This field contains the value of the CCD 3 Vreset1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 3 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1282	E CCD 6 VBB	V	V	3	4	8						

This field contains the value of the CCD 6 Vbb Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1283	E CCD 6 VSS	V	V	3	4	8						

This field contains the value of the CCD 6 Vss Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1284	E CCD 6 VID	V	V	3	4	8						

This field contains the value of the CCD 6 Vid Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1285	E CCD 6 VGR	V	V	3	4	8						

This field contains the value of the CCD 6 Vgr Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.121

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1286	E CCD 6 VRD1	V	V	3	4	8						

This field contains the value of the CCD 6 VRd1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1287	E CCD 6 VOG1	V	V	3	4	8						

This field contains the value of the CCD 6 Vog1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1288	E CCD 6 VOG2	V	V	3	4	8						

This field contains the value of the CCD 6 Vog2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.039

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1289	E CCD 6 VOD1	V	V	3	4	8						

This field contains the value of the CCD 6 Vod1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1290	E CCD 6 VOD2	V	V	3	4	8						

This field contains the value of the CCD 6 Vod2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.152

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1291	E CCD 6 VRD2	V	V	3	4	8						

This field contains the value of the CCD 6 Vrd2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.081

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1292	E CCD 6 S	V	V	3	4	8						

This field contains the value of the CCD 6 Vs Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1293	E CCD 6 I	V	V	3	4	8						

This field contains the value of the CCD 6 Vi Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0613

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1294	E CCD 6 IG	V	V	3	4	8						

This field contains the value of the CCD 6 Vig Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.059

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1295	E CCD 6 R	V	V	3	4	8						

This field contains the value of the CCD 6 Vr Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.0612

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1296	E CCD 6 RESET2	V	V	3	4	8						

This field contains the value of the CCD 6 Vreset2 Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1297	E CCD 6 RESET1	V	V	3	4	8						

This field contains the value of the CCD 6 Vreset1 Voltage. The monitor is the read back digital value from the register set by the Set CCD 6 Voltages telecommand.

CALIBRATION CURVE Eng. Value [V] = Binary Value * 0.062

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1298	A AnCh7/8 SeqRam	V	n/a	2	1	1						

Current status of the Analogue Chain 7/8 Sequencer Ram (Load/Run). This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	Load
1	Run

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1299	AAAnCh7/8InbCtrlC	V	n/a	2	1	1						

Current status of the Analogue Chain 7/8 Port Inhibit On/Off Control C. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1300	AAAnCh7/8InbCtrlB	V	n/a	2	1	1						

Current status of the Analogue Chain 3/4 Port Inhibit On/Off Control B. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1301	AAAnCh7/8InbCtrlA	V	n/a	2	1	1						

Current status of the Analogue Chain 7/8 Port Inhibit On/Off Control A. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1302	AAAnCh7/8IntSimul	V	n/a	2	3	3						

This parameter reports if the Analogue Chain 7/8 or the Internal Simulator has been selected as Chain Input. This parameter reaches the status set by TC K0080 Set EMAE MUX position only after the Observation has started.

RAW VALUE	MEANING
0	ChainNorNod0

1	ChainNorNod1
2	Chain/10Nod0
3	Chain/10Nod1
4	SimulatorMax
5	Simulator_/2
6	Simulator_/4
7	Simulator_/8

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1305	AAAnCh7/8GaNSet	V	n/a	3	4	8						

Analogue Chain 7/8 Gatti Number Setting. This parameter is automatically generated by EMCR, but it can be modified by TC K0081.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1306	AAAnCh7/8LoadAddL	V	n/a	3	3	7						

This parameter reports the Sequencer RAM Word Address for the Analogue Chain 7/8 (7 Least Significant Bits). This parameter must be read together with E1307.,

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1307	AAAnCh7/8LoadAddM	V	n/a	2	2	2						

This parameter reports the Sequencer RAM Word Address for the Analogue Chain 7/8 (2 Most Significant Bits). This parameter must be read together with E1306.,

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1308	HFPlaneExtRanTem	V	degC	3	4	8						

This field contains the focal plane temperature. This field gives a rough temperature monitor in the range between -180 °C to + 130 °C.

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1309	AAAnCh7/8LoadData	V	n/a	3	4	8						

This parameter reports the last byte loaded or dumped to/from the Sequencer RAM into Sequencer Analogue Chain 7/8 Load Address. This parameter is automatically generated by EMCR, but it can be modified by TC K0081. Low or high part of the addressed word is shown depending on the value of parameter AAAnCh7/8DataBySe (E1589).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1310	H FW Motor Temp	V	degC	3	4	8						

This field contains the monitor of the FW motor temperature.

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 1.953) - 273

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1311	A AE Electr Temp	V	degC	3	4	8						

This field contains the monitor of the EMAE electronics temperature.

CALIBRATION CURVE Eng. Value [°C] = 89.794 - (Binary Value * 1.2723) + (Binary Value^2 * 6.9E-3) - (Binary Value^3 * 1.7E10-5)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1312	AFPNomThCoTemM	V	degC	3	4	8						

This field contains the focal plane main thermal control temperature monitor. This value is used as feedback in the focal plane main thermal control.

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 1.01) - 170.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1313	A Rad. Mon. FET2	V	mV	3	4	8						

This field contains the Radiation Monitor measured by FET 2 in the EMAE.

CALIBRATION CURVE Eng. Value [mV] = Binary Value * 39.06

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1314	A Rad. Mon. FET4	V	mV	3	4	8						

This field contains the Radiation Monitor measured by FET 4 in the EMAE

CALIBRATION CURVE Eng. Value [mV] = Binary Value * 39.06

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1315	H CH Electr Temp	V	degC	3	4	8						

This field contains the monitor of the EMCH electronics temperature.

CALIBRATION CURVE Eng. Value [°C] = 58.08 - (Binary Value * 2.2888) + (Binary Value^2 * 2.9E-2) - (Binary Value^3 * 1.7E-4) + (Binary Value^4 * 3.5E-7)

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1316	CFWExpNomStopSen	V	n/a	2	1	1						

This field contains the EMCR expected value of the Filter Wheel nominal Stop Sensor. This parameter value depends on TCs K0084/85. EMCR will use this info to verify the correct execution of the FW related TC.

RAW VALUE	MEANING
0	In Position
1	Out Position

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1317	CFWActStepNumRef	V	n/a	3	12	16						

This field contains the FW position address (as step number) that EMCR consider as current FW position. EMCR will use this value to calculate the needed motor steps to reach a new position.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1318	CGroup1SeqNumber	V	n/a	3	0	4						

This parameter reports which EMCR Sequence Table has been loaded in the EMAE Sequencer 1 (EDU 0/1).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1319	C Group1 IntTime	V	sec	3	8	12						

Integration time used in by EMCR to drive EMAE Sequencer 1 (EDU 0/1) during observation. 0,2 < IT < 102,3 = Frame by Frame Readout; 102,4 = Continous Readout; IT > 102,4 = Sequencers will not be started

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1320	C Gr1 FrstCyDel1	V	sec	3	0	4						

First part of the First Cycle Delay (delay in the starting of the first cycle readout) applied to EMAE Sequencer 1 (EDU 0/1). This parameter must be read together with E1322.

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1321	C Group1X0Posit.	V	n/a	3	8	12						

Window X0 position for EMAE Sequencer 1 (EDU 0/1).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1322	C Gr1 FrstCyDel2	V	sec	3	0	4						

Second part of the First Cycle Delay applied to EMAE Sequencer 1 (EDU 0/1) operation. This parameter must be read together with E1320.

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1323	C Group1Y0Posit.	V	n/a	3	8	12						

Window Y0 position for EMAE Sequencer 1 (EDU 0/1).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1324 CGroup1ReaOuDel1 V sec 3 0 4

First part of the Readout Delay (further delay in the starting of the frame readouts) applied to EMAE Sequencer 1 (EDU 0/1). This parameter must be read together with E1326.

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1325 C Group1 X Size V n/a 3 8 12

Window X size for EMAE Sequencer 1 (EDU 0/1).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1326 CGroup1ReaOuDel2 V sec 3 0 4

Second part of the Readout Delay applied to EMAE Sequencer 1 (EDU 0/1) operation. This parameter must be read together with E1324.

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1327 C Group1 Y Size V n/a 3 8 12

Window Y size for EMAE Sequencer 1 (EDU 0/1).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1328 CGroup2SeqNumber V n/a 3 0 4

This parameter reports which EMCR Sequence Table has been loaded in the EMAE Sequencer 2 (EDU 2/3).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1329 C Group2 IntTime V sec 3 8 12

Integration time used in by EMCR to drive EMAE Sequencer 2 (EDU 2/3) during observation. 0,2 < IT < 102,3 = Frame by Frame Readout; 102,4 = Continous Readout; IT > 102,4 = Sequencers will not be started

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1330 C Gr2 FrstCyDel1 V sec 3 0 4

First part of the First Cycle Delay (delay in the starting of the first cycle readout) applied to EMAE Sequencer 2 (EDU 2/3). This parameter must be read together with E1332.

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1331 C Group2X0Posit. V n/a 3 8 12

Window X0 position for EMAE Sequencer 2 (EDU 2/3).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1332 C Gr2 FrstCyDel2 V sec 3 0 4

Second part of the First Cycle Delay applied to EMAE Sequencer 2 (EDU 2/3) operation. This parameter must be read together with E1330.

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1333 C Group2Y0Posit. V n/a 3 8 12

Window Y0 position for EMAE Sequencer 2 (EDU 2/3).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1334 CGroup2ReaOuDel1 V sec 3 0 4

First part of the Readout Delay (further delay in the starting of the frame readouts) applied to EMAE Sequencer 2 (EDU 2/3). This parameter must be read together with E1336.

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1335 C Group2 X Size V n/a 3 8 12

Window X size for EMAE Sequencer 2 (EDU 2/3).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1336 CGroup2ReaOuDel2 V sec 3 0 4

Second part of the Readout Delay applied to EMAE Sequencer 2 (EDU 2/3) operation. This parameter must be read together with E1334.

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1337 C Group2 Y Size V n/a 3 8 12

Window Y size for EMAE Sequencer 2 (EDU 2/3).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1338 CGroup3SeqNumber V n/a 3 0 4

This parameter reports which EMCR Sequence Table has been loaded in the EMAE Sequencer 3 (EDU 4/5).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1339 C Group3 IntTime V sec 3 8 12

Integration time used in by EMCR to drive EMAE Sequencer 3 (EDU 4/5) during observation. 0,2 < IT < 102,3 = Frame by Frame Readout; 102,4 = Continous Readout; IT > 102,4 = Sequencers will not be started

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1340 C Gr3 FrstCyDel1 V sec 3 0 4

First part of the First Cycle Delay (delay in the starting of the first cycle readout) applied to EMAE Sequencer 3 (EDU 4/5). This parameter must be read together with E1342.

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1341 C Group3X0Posit. V n/a 3 8 12

Window X0 position for EMAE Sequencer 3 (EDU 4/5).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1342 C Gr3 FrstCyDel2 V sec 3 0 4

Second part of the First Cycle Delay applied to EMAE Sequencer 3 (EDU 4/5) operation. This parameter must be read together with E1340.

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1343 C Group3Y0Posit. V n/a 3 8 12

Window Y0 position for EMAE Sequencer 3 (EDU 4/5).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1344 CGroup3ReaOuDel1 V sec 3 0 4

First part of the Readout Delay (further delay in the starting of the frame readouts) applied to EMAE Sequencer 3 (EDU 4/5). This parameter must be read together with E1346.

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1345 C Group3 X Size V n/a 3 8 12

Window X size for EMAE Sequencer 3 (EDU 4/5).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1346 CGroup3ReaOuDel2 V sec 3 0 4

Second part of the Readout Delay applied to EMAE Sequencer 3 (EDU 4/5) operation. This parameter must be read together with E1344.

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1347 C Group3 Y Size V n/a 3 8 12

Window Y size for EMAE Sequencer 3 (EDU 4/5).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1348 CGroup4SeqNumber V n/a 3 0 4

This parameter reports which EMCR Sequence Table has been loaded in the EMAE Sequencer 4 (EDU 6/7).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1349 C Group4 IntTime V sec 3 8 12

Integration time used in by EMCR to drive EMAE Sequencer 4 (EDU 6/7) during observation. 0,2 < IT < 102,3 = Frame by Frame Readout; 102,4 = Continous Readout; IT > 102,4 = Sequencers will not be started

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1350 C Gr4 FrstCyDel1 V sec 3 0 4

First part of the First Cycle Delay (delay in the starting of the first cycle readout) applied to EMAE Sequencer 4 (EDU 6/7). This parameter must be read together with E1352.

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1351 C Group4X0Posit. V n/a 3 8 12

Window X0 position for EMAE Sequencer 4 (EDU 6/7).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1352 C Gr4 FrstCyDel2 V sec 3 0 4

Second part of the First Cycle Delay applied to EMAE Sequencer 4 (EDU 6/7) operation. This parameter must be read together with E1350.

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1353 C Group4Y0Posit. V n/a 3 8 12

Window Y0 position for EMAE Sequencer 4 (EDU 6/7).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1354 CGroup4ReaOuDel1 V sec 3 0 4

First part of the Readout Delay (further delay in the starting of the frame readouts) applied to EMAE Sequencer 4 (EDU 6/7). This parameter must be read together with E1356.

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1355 C Group4 X Size V n/a 3 8 12

Window X size for EMAE Sequencer 4 (EDU 6/7).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1356 CGroup4ReaOuDel2 V sec 3 0 4

Second part of the Readout Delay applied to EMAE Sequencer 4 (EDU 6/7) operation. This parameter must be read together with E1354.

CALIBRATION CURVE Eng value [s] = Binary value * 0.1

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1357 C Group4 Y Size V n/a 3 8 12

Window Y size for EMAE Sequencer 4 (EDU 6/7).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1358 CEDU0OperatioMod V n/a 2 2 2

RAW VALUE MEANING

0 Stop
1 Run
2 Alternate

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1359 CEDU0ScientifMod V n/a 2 2 2

RAW VALUE MEANING

0 Transparent
1 Timing
2 Threshold
3 Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1360 CEDU0Node0TabOff V n/a 2 3 3

Offset Table loaded in EDU 0 for Node 0.

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1361 CEDU0Node1TabOff V n/a 2 3 3

Offset Table loaded in EDU 0 for Node 1.

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1362 CEDU0TabPattMask V n/a 2 3 3

Pattern Mask Table loaded in EDU 0.

RAW VALUE MEANING

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1363	CEDU1OperatioMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Stop
1	Run
2	Alternate

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1364	CEDU1ScientifMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Transparent
1	Timing
2	Threshold
3	Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1365	CEDU1Node0TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 1 for Node 0.

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1366	CEDU1Node1TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 1 for Node 1.

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1367	CEDU1TabPattMask	V	n/a	2	3	3						

Pattern Mask Table loaded in EDU 1.

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1368	CEDU2OperatioMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Stop
1	Run
2	Alternate

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1369	CEDU2ScientifMod	V	n/a	2	2	2						

RAW VALUE	MEANING
0	Transparent
1	Timing
2	Threshold
3	Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1370	CEDU2Node0TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 2 for Node 0.

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1371	CEDU2Node1TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 2 for Node 1.

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1372	CEDU2TabPattMask	V	n/a	2	3	3						
Pattern Mask Table loaded in EDU 2.												

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1373	CEDU3OperatioMod	V	n/a	2	2	2						

RAW VALUE MEANING

0 Stop
1 Run
2 Alternate

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1374	CEDU3ScientifMod	V	n/a	2	2	2						

RAW VALUE MEANING

0 Transparent
1 Timing
2 Threshold
3 Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1375	CEDU3Node0TabOff	V	n/a	2	3	3						
Offset Table loaded in EDU 3 for Node 0.												

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1376	CEDU3Node1TabOff	V	n/a	2	3	3						
Offset Table loaded in EDU 3 for Node 1.												

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1377	CEDU3TabPattMask	V	n/a	2	3	3						
Pattern Mask Table loaded in EDU 3.												

RAW VALUE MEANING

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1378	CEDU4OperatioMod	V	n/a	2	2	2						

RAW VALUE MEANING

0 Stop
1 Run
2 Alternate

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1379	CEDU4ScientifMod	V	n/a	2	2	2						

RAW VALUE MEANING

0 Transparent
1 Timing
2 Threshold
3 Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1380	CEDU4Node0TabOff	V	n/a	2	3	3						
Offset Table loaded in EDU 4 for Node 0.												

RAW VALUE MEANING

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1381	CEDU4Node1TabOff	V	n/a	2	3	3						
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Offset Table loaded in EDU 4 for Node 1.

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1382	CEDU4TabPattMask	V	n/a	2	3	3						
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Pattern Mask Table loaded in EDU 4.

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1383	CEDU5OperatioMod	V	n/a	2	2	2						
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RAW VALUE	MEANING
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0	Stop
1	Run
2	Alternate

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1384	CEDU5ScientifMod	V	n/a	2	2	2						
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RAW VALUE	MEANING
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0	Transparent
1	Timing
2	Threshold
3	Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1385	CEDU5Node0TabOff	V	n/a	2	3	3						
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Offset Table loaded in EDU 5 for Node 0.

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1386	CEDU5Node1TabOff	V	n/a	2	3	3						
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Offset Table loaded in EDU 5 for Node 1.

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1387	CEDU5TabPattMask	V	n/a	2	3	3						
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Pattern Mask Table loaded in EDU 5.

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1388	CEDU6OperatioMod	V	n/a	2	2	2						
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RAW VALUE	MEANING
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0	Stop
1	Run
2	Alternate

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1389	CEDU6ScientifMod	V	n/a	2	2	2						
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RAW VALUE	MEANING
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0	Transparent
1	Timing
2	Threshold
3	Image

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1390	CEDU6Node0TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 6 for Node 0.

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1391	CEDU6Node1TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 6 for Node 1.

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1392	CEDU6TabPattMask	V	n/a	2	3	3						

Pattern Mask Table loaded in EDU 6.

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1393	CEDU7OperatioMod	V	n/a	2	2	2						

RAW VALUE	MEANING
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0	Stop
1	Run
2	Alternate

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1394	CEDU7ScientifMod	V	n/a	2	2	2						

RAW VALUE	MEANING
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0	Transparent
1	Timing
2	Threshold
3	Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1395	CEDU7Node0TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 7 for Node 0.

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1396	CEDU7Node1TabOff	V	n/a	2	3	3						

Offset Table loaded in EDU 7 for Node 1.

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1397	CEDU7TabPattMask	V	n/a	2	3	3						

Pattern Mask Table loaded in EDU 7.

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1398	C EDU0Node0Thres	V	n/a	3	12	16						

Current threshold setting used by EDU 0, when not in alternate mode, regardless the EMAE MUX position. When EDU is set to alternate mode, this parameter indicates the threshold setting applied on Node 0 input.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1399 C EDU0Node1Thres V n/a 3 12 16

When EDU 0 is set to alternate mode, this parameter indicates the threshold setting applied on Node 1 input. In the other modes this field is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1400 C EDU1Node0Thres V n/a 3 12 16

Current threshold setting used by EDU 1, when not in alternate mode, regardless the EMAE MUX position. When EDU is set to alternate mode, this parameter indicates the threshold setting applied on Node 0 input.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1401 C EDU1Node1Thres V n/a 3 12 16

When EDU 1 is set to alternate mode, this parameter indicates the threshold setting applied on Node 1 input. In the other modes this field is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1402 C EDU2Node0Thres V n/a 3 12 16

Current threshold setting used by EDU 2, when not in alternate mode, regardless the EMAE MUX position. When EDU is set to alternate mode, this parameter indicates the threshold setting applied on Node 0 input.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1403 C EDU2Node1Thres V n/a 3 12 16

When EDU 2 is set to alternate mode, this parameter indicates the threshold setting applied on Node 1 input. In the other modes this field is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1404 C EDU3Node0Thres V n/a 3 12 16

Current threshold setting used by EDU 3, when not in alternate mode, regardless the EMAE MUX position. When EDU is set to alternate mode, this parameter indicates the threshold setting applied on Node 0 input.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1405 C EDU3Node1Thres V n/a 3 12 16

When EDU 3 is set to alternate mode, this parameter indicates the threshold setting applied on Node 1 input. In the other modes this field is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1406 C EDU4Node0Thres V n/a 3 12 16

Current threshold setting used by EDU 4, when not in alternate mode, regardless the EMAE MUX position. When EDU is set to alternate mode, this parameter indicates the threshold setting applied on Node 0 input.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1407 C EDU4Node1Thres V n/a 3 12 16

When EDU 4 is set to alternate mode, this parameter indicates the threshold setting applied on Node 1 input. In the other modes this field is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1408 C EDU5Node0Thres V n/a 3 12 16

Current threshold setting used by EDU 5, when not in alternate mode, regardless the EMAE MUX position. When EDU is set to alternate mode, this parameter indicates the threshold setting applied on Node 0 input.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1409	C EDU5Node1Thres	V	n/a	3	12	16						

When EDU 5 is set to alternate mode, this parameter indicates the threshold setting applied on Node 1 input. In the other modes this field is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1410	C EDU6Node0Thres	V	n/a	3	12	16						

Current threshold setting used by EDU 6, when not in alternate mode, regardless the EMAE MUX position. When EDU is set to alternate mode, this parameter indicates the threshold setting applied on Node 0 input.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1411	C EDU6Node1Thres	V	n/a	3	12	16						

When EDU 6 is set to alternate mode, this parameter indicates the threshold setting applied on Node 1 input. In the other modes this field is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1412	C EDU7Node0Thres	V	n/a	3	12	16						

Current threshold setting used by EDU 7, when not in alternate mode, regardless the EMAE MUX position. When EDU is set to alternate mode, this parameter indicates the threshold setting applied on Node 0 input.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1413	C EDU7Node1Thres	V	n/a	3	12	16						

When EDU 7 is set to alternate mode, this parameter indicates the threshold setting applied on Node 1 input. In the other modes this field is meaningless.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1414	C Selected EDU	V	n/a	3	0	4						

EMCR EDU Identifier to be tested

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1415	C TestImageHighEn	V	n/a	3	8	12						

High Energy Value used to generate the Test Image when the self-generation mode is selected

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1416	C TestConfigType	V	n/a	2	1	1						

Generation Mode of the EMCR Test Image

RAW VALUE	MEANING
0	Loaded Image
1	Built Image

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1417	CTstConfigPatter	V	n/a	2	3	3						

Pattern Table used to generate the Test Image when the self-generation mode is selected

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1418	C TestImageLowEn	V	n/a	3	8	12						

Low Energy Value used to generate the Test Image when the self-generation mode is selected

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1419	C AnnDriveStatus	V	n/a	2	1	1						

EMCR Annealing Drive Status (ON/OFF).

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1420	C FW OpConfMotor	V	n/a	2	2	2						

Power Configuration of the EMCR Filter Wheel Motor Coil. This parameter depends on TCs K0084/85.

RAW VALUE	MEANING
0	Both ON
1	Nominal ON
2	Redundant ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1421	C FWOpConfRotDir	V	n/a	2	1	1						

Selection of the EMCR Filter Wheel Rotation Direction. This parameter depends on TCs K0084/85.

RAW VALUE	MEANING
0	Forward
1	Backward

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1422	CFWOpConfRotMod	V	n/a	2	1	1						

Selection of the EMCR Filter Wheel Rotation Mode.

RAW VALUE	MEANING
0	Normal
1	Step

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1423	CFWOpConfReqPosS	V	n/a	3	7	11						

EMCR Filter Wheel new position address required by TC (in steps) This parameter depends on TCs K0084/85.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1424	C Ann.Min.Tem.Set	V	degC	3	4	8						

Setting of the rough Focal Plane Minimum Temperature used by the EMCR Annealing Thermal Control. This parameter assumes the value loaded with TC K0007 Enter Extraheating Mode. When temperature goes below this value, EMCR commands EMAE to switch-on the Annealing Heater.

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1425	C Ann.Max.Tem.Set	V	degC	3	4	8						

Setting of the rough Focal Plane Maximum Temperature used by the EMCR Annealing Thermal Control. This parameter assumes the values loaded with TC K0007 Enter Extraheating Mode. When temperature goes above this value, EMCR commands EMAE to switch-off the Annealing Heater.

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1426	CFWStatusTimeOut	V	n/a	2	1	1						

Time-out status for the Filter Wheel movement.

RAW VALUE	MEANING
0	NoTimeoutErr
1	TimeoutError

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1427	C FWStatusPosErr	V	n/a	2	1	1						

Position Error parameter for the Filter Wheel.

RAW VALUE	MEANING
0	In Position
1	Out Position

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1428	CFWStatusEMReqSt	V	n/a	3	7	11						

Number of Filter Wheel steps (calculated by EMCR CTR and asked to EMAE) necessary to reach the required FW position. This parameter depends on TCs K0084/85.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1429	C Rej DH Cm Cnt	V	n/a	3	4	8						

Counter of the Rejected EMDH Commands due to reception timeout expiration

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1430	C Last Ac DH Com	V	n/a	3	4	8						

Command Identifier of the last accepted EMCR command (with the exception of the H/K Request Command).

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1431	C EDU Cm OK Cnt	V	n/a	3	4	8						

Number of EMCR EDU commands successfully executed.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1432	C EDU Cm Rec Cnt	V	n/a	3	4	8						

Number of EMCR EDU commands successfully executed during the automatic retry procedure foreseen in case of a command rejection.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1433	C EDU Cm Rej Cnt	V	n/a	3	4	8						

Number of the EMCR EDU Commands rejected even after the automatic retry procedure.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1434	C EDUTabLoaOKCnt	V	n/a	3	4	8						

Number of the EMCR EDU Table Loading Commands successfully executed.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1435	CEDUTabLoaRecCnt	V	n/a	3	4	8						

Number of the EMCR EDU Table Loading Commands successfully executed during the automatic retry procedure.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1436	CEDUTabLoaRejCnt	V	n/a	3	4	8						

Number of the EMCR EDU Table Loading Commands rejected even after the automatic retry procedure.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1437	C FIFOEDUCmRej16	V	n/a	3	4	8						

Code of the last command rejected by EDU.

CALIBRATION CURVE

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1438	C FIFOEDUCmRej15	V	n/a	3	4	8						
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Code of the last-1 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1439	C FIFOEDUCmRej14	V	n/a	3	4	8						
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Code of the last-2 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1440	C FIFOEDUCmRej13	V	n/a	3	4	8						
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Code of the last-3 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1441	C FIFOEDUCmRej12	V	n/a	3	4	8						
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Code of the last-4 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1442	C FIFOEDUCmRej11	V	n/a	3	4	8						
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Code of the last-5 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1443	C FIFOEDUCmRej10	V	n/a	3	4	8						
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Code of the last-6 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1444	C FIFOEDUCmRej9	V	n/a	3	4	8						
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Code of the last-7 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1445	C FIFOEDUCmRej8	V	n/a	3	4	8						
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Code of the last-8 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1446	C FIFOEDUCmRej7	V	n/a	3	4	8						
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Code of the last-9 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1447	C FIFOEDUCmRej6	V	n/a	3	4	8						
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Code of the last-10 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1448	C FIFOEDUCmRej5	V	n/a	3	4	8						

Code of the last-11 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1449	C FIFOEDUCmRej4	V	n/a	3	4	8						

Code of the last-12 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1450	C FIFOEDUCmRej3	V	n/a	3	4	8						

Code of the last-13 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1451	C FIFOEDUCmRej2	V	n/a	3	4	8						

Code of the last-14 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1452	C FIFOEDUCmRej1	V	n/a	3	4	8						

Code of the last-15 command rejected by EDU.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1453	C EMAE Cm OK Cnt	V	n/a	3	4	8						

Number of EMAE Commands successfully sent by EMCR.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1454	CEMAE Cm Rec Cnt	V	n/a	3	4	8						

Number of EMAE Commands successfully sent by EMCR during the automatic retry procedure foreseen in case of a command rejection.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1455	CEMAE Cm Rej Cnt	V	n/a	3	4	8						

Number of EMAE Commands sent by EMCR and rejected even after the automatic retry procedure.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1456	CEMAESeqLoaOKCn	V	n/a	3	4	8						

Number of EMAE Sequence Loading Commands successfully sent by EMCR.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1457	CEMAESeqLdRecCnt	V	n/a	3	4	8						

Number of EMAE Sequence Loading Commands successfully sent by EMCR during the automatic retry procedure.

CALIBRATION CURVE

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1458	CEMAESeqLdRejCnt	V	n/a	3	4	8						

Number of EMAE Sequence Loading Commands sent by EMCR and rejected even after the automatic retry procedure.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1459	CFIFOEMAECmRej1	V	n/a	3	4	8						

Code of the last command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1460	CFIFOEMAECmRej1	V	n/a	3	4	8						

Code of the last-1 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1461	CFIFOEMAECmRej1	V	n/a	3	4	8						

Code of the last-2 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1462	CFIFOEMAECmRej1	V	n/a	3	4	8						

Code of the last-3 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1463	CFIFOEMAECmRej1	V	n/a	3	4	8						

Code of the last-4 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1464	CFIFOEMAECmRej1	V	n/a	3	4	8						

Code of the last-5 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1465	CFIFOEMAECmRej1	V	n/a	3	4	8						

Code of the last-6 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1466	CFIFOEMAECmRej9	V	n/a	3	4	8						

Code of the last-7 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1467	CFIFOEMAECmRej8	V	n/a	3	4	8						

Code of the last-8 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1468	CFIFOEMAECmRej7	V	n/a	3	4	8						
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Code of the last-9 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1469	CFIFOEMAECmRej6	V	n/a	3	4	8						
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Code of the last-10 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1470	CFIFOEMAECmRej5	V	n/a	3	4	8						
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Code of the last-11 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1471	CFIFOEMAECmRej4	V	n/a	3	4	8						
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Code of the last-12 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1472	CFIFOEMAECmRej3	V	n/a	3	4	8						
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Code of the last-13 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1473	CFIFOEMAECmRej2	V	n/a	3	4	8						
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Code of the last-14 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1474	CFIFOEMAECmRej1	V	n/a	3	4	8						
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Code of the last-15 command rejected by EMAE.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1475	C BootS/Wversion	V	n/a	3	4	8						
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This parameter reports the current version of the S/W contained in the Boot PROM memories.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1476	C RAM SW version	V	n/a	3	4	8						
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This parameter reports the current version of the S/W contained in the Program RAM memories.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1477	C PW ON Test RAM	V	n/a	2	1	1						
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EMCR RAM P/W On test result

RAW VALUE	MEANING
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0	Failed
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1	Passed
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1478	CPWONTTestROMBo	V	n/a	2	1	1						
EMCR PROM boot checksum test result												

RAW VALUE	MEANING
0	Failed
1	Passed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1479	CPWONTTestROMPr	V	n/a	2	1	1						
EMCR PROM program checksum test result												

RAW VALUE	MEANING
0	Failed
1	Passed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1480	CPWONTTestRAMPr	V	n/a	2	1	1						
EMCR RAM program checksum test result												

RAW VALUE	MEANING
0	Failed
1	Passed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1481	C Group 1 EITF	V	n/a	2	1	1						
Occurrence of Extended Integration Time situation in the EMAE sequencers 1.												

RAW VALUE	MEANING
0	Not Occured
1	Occured

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1482	C Operating Mode	V	n/a	2	4	4						
EMCR operating mode.												

RAW VALUE	MEANING
0	Initializat.
1	Stand-By
2	Observation
3	Test
4	Annealing

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1483	TC SequenceCount	V	n/a	3	12	16						
Sequence Count of the last successfully executed TC.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1484	EMDH Task Ident.	V	n/a	3	12	16						
Identifier of the EMDH Task found in Minor or Major Overrun.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1486	HBR Identifier	V	n/a	3	12	16						
Identifier of the HBR channel with FIFO full												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1487	HBR7 Bright P.N.	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1488	HBR8 Bright P.N.	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1489	HBR 1 Active	V	n/a	2	1	1						

This parameter indicates the activation status of HBR 1.

RAW VALUE MEANING

0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1490	HBR 2 Active	V	n/a	2	1	1						

This parameter indicates the activation status of HBR 2.

RAW VALUE MEANING

0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1491	HBR 3 Active	V	n/a	2	1	1						

This parameter indicates the activation status of HBR 3.

RAW VALUE MEANING

0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1492	HBR 4 Active	V	n/a	2	1	1						

This parameter indicates the activation status of HBR 4.

RAW VALUE MEANING

0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1493	HBR 5 Active	V	n/a	2	1	1						

This parameter indicates the activation status of HBR 5.

RAW VALUE MEANING

0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1494	HBR 6 Active	V	n/a	2	1	1						

This parameter indicates the activation status of HBR 6.

RAW VALUE MEANING

0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1495	HBR 7 Active	V	n/a	2	1	1						

This parameter indicates the activation status of HBR 7.

RAW VALUE MEANING

0	Not Active
1	Active

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1496	HBR 8 Active	V	n/a	2	1	1						

This parameter indicates the activation status of HBR 8.

RAW VALUE MEANING

0	Not Active
1	Active

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1497	HBR 1 Processing	V	n/a	2	0	16						

This field contains information about the current operating mode selected for HBR 1 Channel.

RAW VALUE MEANING

0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1498	HBR 2 Processing	V	n/a	2	0	16						

This field contains information about the current operating mode selected for HBR 2 Channel.

RAW VALUE MEANING

0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1499	HBR 3 Processing	V	n/a	2	0	16						

This field contains information about the current operating mode selected for HBR 3 Channel.

RAW VALUE MEANING

0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1500	HBR 4 Processing	V	n/a	2	0	16						

This field contains information about the current operating mode selected for HBR 4 Channel.

RAW VALUE MEANING

0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1501	HBR 5 Processing	V	n/a	2	0	16						

This field contains information about the current operating mode selected for HBR 5 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1502	HBR 6 Processing	V	n/a	2	0	16						

This field contains information about the current operating mode selected for HBR 6 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1503	HBR 7 Processing	V	n/a	2	0	16						

This field contains information about the current operating mode selected for HBR 7 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1504	HBR 8 Processing	V	n/a	2	0	16						

This field contains information about the current operating mode selected for HBR 8 Channel.

RAW VALUE	MEANING
0	Disabled
1	Imag. Proc.
2	Imag.N.Proc.
3	Imag.R.Proc.
4	Imag.R.N.Pr.
5	EDU Thresh.
6	Tim. Proces.
7	Tim.N.Proce.
8	Tim.C.Proce.
9	Tim.C.N.Pro.
10	Transparent

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1505	HBR1BufferStartA	V	n/a	3	14	32						
HBR 1 buffer start address.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1506	HBR1BufferEndAdd	V	n/a	3	14	32						
HBR 1 buffer end address.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1507	HBR2BufferStartA	V	n/a	3	14	32						
HBR 2 buffer start address.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1508	HBR2BufferEndAdd	V	n/a	3	14	32						
HBR 2 buffer end address.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1509	HBR3BufferStartA	V	n/a	3	14	32						
HBR 3 buffer start address.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1510	HBR3BufferEndAdd	V	n/a	3	14	32						
HBR 3 buffer end address.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1511	HBR4BufferStartA	V	n/a	3	14	32						
HBR 4 buffer start address.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1512	HBR4BufferEndAdd	V	n/a	3	14	32						
HBR 4 buffer end address.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1513	HBR5BufferStartA	V	n/a	3	14	32						
HBR 5 buffer start address.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1514	HBR5BufferEndAdd	V	n/a	3	14	32						
HBR 5 buffer end address.												

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1515	HBR6BufferStartA	V	n/a	3	14	32						
HBR 6 buffer start address.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1516	HBR6BufferEndAdd	V	n/a	3	14	32						
HBR 6 buffer end address.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1517	HBR7BufferStartA	V	n/a	3	14	32						
HBR 7 buffer start address.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1518	HBR7BufferEndAdd	V	n/a	3	14	32						
HBR 7 buffer end address.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1519	HBR8BufferStartA	V	n/a	3	14	32						
HBR 8 buffer start address.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1520	HBR8BufferEndAdd	V	n/a	3	14	32						
HBR 8 buffer end address.												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1521	HBR1 Bright P.N.	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1522	HBR1 Low Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1523	HBR1 Upp Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1524	HBR2 Low Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1525	HBR2 Upp Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1526	HBR3 Low Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1527	HBR3 Upp Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1528	HBR4 Low Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1529	HBR4 Upp Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1530	HBR5 Low Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1531	HBR5 Upp Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1532	HBR6 Low Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1533	HBR6 Upp Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1534	HBR7 Low Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1535	HBR7 Upp Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1536	HBR8 Low Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1537	HBR8 Upp Thresh	V	n/a	3	12	16						

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1538	FastPatternThres	V	n/a	3	12	16						

This parameter is the Pattern Threshold set in Timing mode.

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1539	DeicinLowTempLim	V	degC	3	4	8						

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1540	DeicinUppTempLim	V	degC	3	4	8						

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1541	DeconLowTempLim	V	degC	3	4	8						

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1542	DeconUppTempLim	V	degC	3	4	8						

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1543	AnnealLowTempLim	V	degC	3	4	8						

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 1.668) - 223.6

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1544	AnnealUppTempLim	V	degC	3	4	8						

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 1.668) - 223.6

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1545	DeicinConfThCont	V	n/a	2	0	16						

Configuration of the Thermal Control Heater Relay in Deicing Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1546	DeicinConfShroud	V	n/a	2	0	16						

Configuration of the Secondary Shroud Heater Relay in Deicing Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1547	DeicinConfAnneal	V	n/a	2	0	16						

Configuration of the Annealing Heater Relay in Deicing Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1548	DecontConfThCont	V	n/a	2	0	16						

Configuration of the Thermal Control Heater Relay in Decontamination Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1549	DecontConfShroud	V	n/a	2	0	16						

Configuration of the Secondary Shroud Heater Relay in Decontamination Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1550	DecontConfAnneal	V	n/a	2	0	16						

Configuration of the Annealing Heater Relay in Decontamination Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1551	AnnealConfThCont	V	n/a	2	0	16						

Configuration of the Thermal Control Heater Relay in Annealing Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1552	AnnealConfShroud	V	n/a	2	0	16						

Configuration of the Secondary Shroud Heater Relay in Annealing Mode

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1553	AnnealConfAnneal	V	n/a	2	0	16						
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Configuration of the Annealing Heater Relay in Annealing Mode

RAW VALUE	MEANING
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0	OFF
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1	ON
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1554	UppMonTempLimits	V	degC	3	4	8						
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Upper Monitoring Temperature Limit in normal operating temperature control

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 0.357) - 159

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1555	LowMonTempLimits	V	degC	3	4	8						
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Lower Monitoring Temperature Limit in normal operating temperature control

CALIBRATION CURVE Eng. Value [°C] = (Binary Value * 0.357) - 159

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1556	HBR2 Bright P.N.	V	n/a	3	12	16						
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CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1557	HBR3 Bright P.N.	V	n/a	3	12	16						
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CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1558	HBR4 Bright P.N.	V	n/a	3	12	16						
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CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1559	HBR5 Bright P.N.	V	n/a	3	12	16						
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CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1560	HBR6 Bright P.N.	V	n/a	3	12	16						
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CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1561	IC Valid Events	V	n/a	3	12	16						
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Valid Events collected during the Imaging Counting mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1562	ICRejEventsLowTh	V	n/a	3	12	16						
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Events Rejected because below the Low Threshold during the Imaging Counting mode

CALIBRATION CURVE

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1563	ICRejEventsUppTh	V	n/a	3	12	16						
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Events Rejected because over the Upper Threshold during the Imaging Counting mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1564	ICRejectedFrames	V	n/a	3	12	16						
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Rejected Frames during the Imaging Counting mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1565	ICountModeStartT	V	n/a	9	5	48						
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Imaging Counting Mode Start Time

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1566	ICountModeStopT	V	n/a	9	5	48						
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Imaging Counting Mode Stop Time

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1567	TC Valid Events	V	n/a	3	12	16						
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Valid Events collected during the Timing Counting mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1568	TCRejEventsLowTh	V	n/a	3	12	16						
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Events Rejected because below the Lower Threshold during the Timing Counting mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1569	TCRejEventsUppTh	V	n/a	3	12	16						
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Events Rejected because over the Upper Threshold during the Timing Counting mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1570	TCRejectedFrames	V	n/a	3	12	16						
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Frames Rejected during the Timing Counting mode

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1571	TCountModeStartT	V	n/a	9	5	48						
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Timing Counting Mode Start Time

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1572	TCountModeStopT	V	n/a	9	5	48						
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Timing Counting Mode Stop Time

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1573	C Cou OBT Res Ti	V	sec	9	5	48						
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This parameter reports the EMDH On Board Time sampled when the last reset of the Course EMCR On Board Time occurred

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1574	D Cmode Start Ti	V	sec	9	5	48						
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EMDH Counting Mode Start Time

RAW VALUE	MEANING
-----------	---------

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1575	D Cmode Stop Tim	V	sec	9	5	48						
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EMDH Counting Mode Stop Time

RAW VALUE	MEANING
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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1586	AAnCh1/2DataBySe	V	n/a	2	1	1						
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This parameter indicates if the Low or the High Byte of the addressed word data is shown in parameter AAnCh1/2LoadData (E1125).

RAW VALUE	MEANING
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0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1587	AAnCh3/4DataBySe	V	n/a	2	1	1						
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This parameter indicates if the Low or the High Byte of the addressed word data is shown in parameter AAnCh3/4LoadData (E1208).

RAW VALUE	MEANING
-----------	---------

0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1588	AAnCh5/6DataBySe	V	n/a	2	1	1						
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This parameter indicates if the Low or the High Byte of the addressed word data is shown in parameter AAnCh5/6LoadData (E1251).

RAW VALUE	MEANING
-----------	---------

0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1589	AAnCh7/8DataBySe	V	n/a	2	1	1						
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This parameter indicates if the Low or the High Byte of the addressed word data is shown in parameter AAnCh7/8LoadData (E1309).

RAW VALUE	MEANING
-----------	---------

0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1590	A SeqFW DataBySe	V	n/a	2	1	1						
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This parameter indicates if the Low or the High Byte of the addressed word data is shown in parameter ASeqFWLoadData (E1129).

RAW VALUE	MEANING
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0	Low
1	High

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
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K1592	C AnCh3/4 SeqRam	V	n/a	2	1	1						
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EMCR programmed status of the Analogue Chain 3/4 Sequencer Ram (Load/Run). This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
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0	Load
1	Run

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1593	CAnCh3/4InbCtrlC	V	n/a	2	1	1						
EMCR programmed status of the Analogue Chain 3/4 Port Inhibit On/Off Control C. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position												
RAW VALUE		MEANING										
0		OFF										
1		ON										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1594	CAnCh3/4InbCtrlB	V	n/a	2	1	1						
EMCR programmed status of the Analogue Chain 3/4 Port Inhibit On/Off Control B. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position												
RAW VALUE		MEANING										
0		OFF										
1		ON										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1595	CAnCh3/4InbCtrlA	V	n/a	2	1	1						
EMCR programmed status of the Analogue Chain 3/4 Port Inhibit On/Off Control A. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position												
RAW VALUE		MEANING										
0		OFF										
1		ON										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1596	CAnCh3/4IntSimul	V	n/a	2	3	3						
This parameter reports if the Analogue Chain 3/4 or the Internal Simulator has been programmed in the EMCR as Chain Input. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position												
RAW VALUE		MEANING										
0		ChainNorNod0										
1		ChainNorNod1										
2		Chain/10Nod0										
3		Chain/10Nod1										
4		SimulatorMax										
5		Simulator_/2										
6		Simulator_/4										
7		Simulator_/8										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1599	C AnCh1/2 SeqRam	V	n/a	2	1	1						
EMCR programmed status of the Analogue Chain 1/2 Sequencer Ram (Load/Run). This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position												
RAW VALUE		MEANING										
0		Load										
1		Run										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1600	CAnCh1/2InbCtrlC	V	n/a	2	1	1						
EMCR programmed status of the Analogue Chain 1/2 Port Inhibit On/Off Control C. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position												
RAW VALUE		MEANING										
0		OFF										
1		ON										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1601	CAnCh1/2InbCtrlB	V	n/a	2	1	1						
EMCR programmed status of the Analogue Chain 1/2 Port Inhibit On/Off Control B. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position												
RAW VALUE		MEANING										
0		OFF										
1		ON										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1602	CAnCh1/2InbCtrlA	V	n/a	2	1	1						
EMCR programmed status of the Analogue Chain 1/2 Port Inhibit On/Off Control A. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position												
RAW VALUE		MEANING										
0		OFF										
1		ON										

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1603	CAnCh1/2IntSimul	V	n/a	2	3	3						

This parameter reports if the Analogue Chain 1/2 or the Internal Simulator has been programmed in the EMCR as Chain Input. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	ChainNorNod0
1	ChainNorNod1
2	Chain/10Nod0
3	Chain/10Nod1
4	SimulatorMax
5	Simulator_/2
6	Simulator_/4
7	Simulator_/8

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1606	C AnCh7/8 SeqRam	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 7/8 Sequencer Ram Load/Run. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	Load
1	Run

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1607	CAnCh7/8InbCtrlC	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 7/8 Port Inhibit On/Off Control C. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1608	CAnCh7/8InbCtrlB	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 7/8 Port Inhibit On/Off Control B. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1609	CAnCh7/8InbCtrlA	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 7/8 Port Inhibit On/Off Control A. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	OFF
1	ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1610	CAnCh7/8IntSimul	V	n/a	2	3	3						

This parameter reports if the Analogue Chain 7/8 or the Internal Simulator has been programmed in the EMCR as Chain Input. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	ChainNorNod0
1	ChainNorNod1
2	Chain/10Nod0
3	Chain/10Nod1
4	SimulatorMax
5	Simulator_/2
6	Simulator_/4
7	Simulator_/8

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1613	C AnCh5/6 SeqRam	V	n/a	2	1	1						

EMCR programmed status of the Analogue Chain 5/6 Sequencer Ram (Load/Run). This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE	MEANING
0	Load
1	Run

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1614 CAnCh5/6InbCtrlC V n/a 2 1 1

EMCR programmed status of the Analogue Chain 5/6 Port Inhibit On/Off Control C. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE MEANING

0 OFF
1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1615 CAnCh5/6InbCtrlB V n/a 2 1 1

EMCR programmed status of the Analogue Chain 5/6 Port Inhibit On/Off Control B. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE MEANING

0 OFF
1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1616 CAnCh5/6InbCtrlA V n/a 2 1 1

EMCR programmed status of the Analogue Chain 5/6 Port Inhibit On/Off Control A. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE MEANING

0 OFF
1 ON

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1617 CAnCh5/6IntSimul V n/a 2 3 3

This parameter reports if the Analogue Chain 5/6 or the Internal Simulator has been programmed in the EMCR as Chain Input. This parameter reports the MUX/Chain setting loaded in the EMCR by TC K0080 Set EMAE MUX position

RAW VALUE MEANING

0 ChainNorNod0
1 ChainNorNod1
2 Chain/10Nod0
3 Chain/10Nod1
4 SimulatorMax
5 Simulator_/2
6 Simulator_/4
7 Simulator_/8

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1624 CFWExAbsPosition V n/a 2 3 3

This parameter reports the EMCR expected value of the Filter Wheel absolute position. The value of this parameter depends on TCs K0084-85.

RAW VALUE MEANING

0 Open
1 Filter D
2 Filter C
3 Filter B
4 Filter A
5 Closed
6 IllegalValue
7 Not Valid CS

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1625 CFWExpRedStopSen V n/a 2 1 1

This field contains the EMCR expected value of the Filter Wheel redundant Stop Sensor.

RAW VALUE MEANING

0 In Position
1 Out Position

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
------	------	-----	------	-----	-----	---	----	---------	---------	---------	----------	----------

K1626 C Group 2 EITF V n/a 2 1 1

Occurrence of Extended Integration Time situation in the EMAE sequencers 2.

RAW VALUE MEANING

0 Not Occured
1 Occured

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1627	C Group 3 EITF	V	n/a	2	1	1						

Occurrence of Extended Integration Time situation in the EMAE sequencers 3.

RAW VALUE MEANING

0	Not Occured
1	Occured

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1628	C Group 4 EITF	V	n/a	2	1	1						

Occurrence of Extended Integration Time situation in the EMAE sequencers 4.

RAW VALUE MEANING

0	Not Occured
1	Occured

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1633	FirstLBRfailure	V	n/a	2	0	16	none				none	none

Reason of the first attempt failure on LBR

RAW VALUE MEANING

17	WrongChecks.
34	OVflowLCleng
51	Time-outErr.
68	LC running
250	busyLBR

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1634	SecondLBRfailure	V	n/a	2	0	16	none				none	none

Reason of the second attempt failure on LBR

RAW VALUE MEANING

17	WrongChecks.
34	OVflowLCleng
51	Time-outErr.
68	LC running
250	busyLBR

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1635	ThirdLBRfailure	V	n/a	2	0	16	none				none	none

Reason of the third attempt failure on LBR

RAW VALUE MEANING

17	WrongChecks.
34	OVflowLCleng
51	Time-outErr.
68	LC running
250	busyLBR

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1636	FourthLBRfailure	V	n/a	2	0	16	none				none	none

Reason of the fourth attempt failure on LBR

RAW VALUE MEANING

17	WrongChecks.
34	OVflowLCleng
51	Time-outErr.
68	LC running
250	busyLBR

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1637	LBRProtocolError	V	n/a	2	8	8	none				none	none

This parameter describes the type of the LBR protocol error on the TC unsuccessful execution

RAW VALUE MEANING

51	4FailedAttem
68	LCBootPrgDis
85	LC
102	IllegLC code
119	LCcurrCTRdis
136	LCparaOutRan

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170 OtherLC/Leng
250 NoEMCRrespo
251 Other Errors

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1638	Refusal Reason	V	n/a	2	0	16	none				none	none

Reason of the Mode transition refusal

RAW VALUE MEANING

1 AutTransRun
2 NotAllowTra

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1639	LoadInitprocIdle	V	n/a	2	0	16	none				none	none

Loading of periodic initproc_idle process into APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1640	UnloadInitprIdle	V	n/a	2	0	16	none				none	none

Unloading of periodic initproc_idle process from APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1641	LoadExitPrimeFas	V	n/a	2	0	16	none				none	none

Loading of periodic exit_primefast process into APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1642	UnloadExPrimeFas	V	n/a	2	0	16	none				none	none

Unloading of periodic exit_primefast process from APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1643	UnloadPrimeFasPr	V	n/a	2	0	16	none				none	none

Unloading of periodic primefast_proc process from APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1644	UnloadUpdateHKpr	V	n/a	2	0	16	none				none	none

Unloading of periodic update_hk_count_proc process from APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1645	Cmd Stop OBS	V	n/a	2	0	16	none				none	none

RAW VALUE MEANING

0 OK
1 Not OK

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1646	LoadExitDiagProc	V	n/a	2	0	16	none				none	none
Loading of periodic exit_diag process into APEX table												
RAW VALUE		MEANING										
0		OK										
1		Not OK										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1647	UnloadExitDiagPr	V	n/a	2	0	16	none				none	none
Unloading of periodic exit_diag process from APEX table												
RAW VALUE		MEANING										
0		OK										
1		Not OK										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1648	UnloadDiagProc	V	n/a	2	0	16	none				none	none
Unloading of periodic diag_proc process from APEX table												
RAW VALUE		MEANING										
0		OK										
1		Not OK										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1649	LoadExitOVproces	V	n/a	2	0	16	none				none	none
Loading of periodic exit_ov process into APEX table												
RAW VALUE		MEANING										
0		OK										
1		Not OK										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1650	UnloadExitOVproc	V	n/a	2	0	16	none				none	none
Unloading of periodic exit_ov process from APEX table												
RAW VALUE		MEANING										
0		OK										
1		Not OK										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1651	Unload OV proces	V	n/a	2	0	16	none				none	none
Unloading of periodic ov_proc process from APEX table												
RAW VALUE		MEANING										
0		OK										
1		Not OK										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1652	LoadExitExtrhPro	V	n/a	2	0	16	none				none	none
Loading of periodic exit_extrah process into APEX table												
RAW VALUE		MEANING										
0		OK										
1		Not OK										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1653	UnloadExitExtrah	V	n/a	2	0	16	none				none	none
Unloading of periodic exit_extrah process from APEX table												
RAW VALUE		MEANING										
0		OK										
1		Not OK										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1654	CmdStopEMCRTemC	V	n/a	2	0	16	none				none	none
Command stop_EMCR_temp_control												
RAW VALUE		MEANING										
0		OK										
1		Not OK										
2		Not required										

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1655	CmdSetEMAEctrlOn	V	n/a	2	0	16	none				none	none

Command Set EMAE Control ON

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1656	LoadExitIftProc	V	n/a	2	0	16	none				none	none

Loading of periodic exit_ift process into APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1657	UnloadExitIftPro	V	n/a	2	0	16	none				none	none

Unloading of periodic exit_ift process from APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1658	IFT Submode	V	n/a	2	0	16	none				none	none

RAW VALUE MEANING

1 ift_emdh
2 ift_emcs

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1659	LoadInitProcSafe	V	n/a	2	0	16	none				none	none

Loading of periodic initproc_safe process into APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1660	UnloadInitPrSafe	V	n/a	2	0	16	none				none	none

Unloading of periodic initproc_safe process from APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1661	CmdSetFPmainCtrl	V	n/a	2	0	16	none				none	none

Command Set Focal Plane Main Control

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1662	FWpositionClosed	V	n/a	2	0	16	none				none	none

This parameter reports if the Filter Wheel is in closed position or in a wrong/unknown position

RAW VALUE MEANING

0 Closed
1 NotClosed/Un

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1663	UnlockSafeEmerge	V	n/a	2	0	16	none				none	none

Unlocking of periodic safe_emergency process

RAW VALUE MEANING

0 OK
1 Not OK

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1664	LockSafeEmergenc	V	n/a	2	0	16	none				none	none
Locking of periodic safe_emergency process												

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1665	OutcomingSWmode	V	n/a	3	12	16	none				none	none

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1666	EMDHSWinSafeMode	V	n/a	2	0	16	none				none	none
This parameter reports if the EMDH SW is already in Safe mode or it is already entering in Safe mode												

RAW VALUE	MEANING
0	False
1	True

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1667	Transition Abort	V	n/a	2	0	16	none				none	none
Abort of the running mode transition												

RAW VALUE	MEANING
0	OK
1	Not OK
2	Not required

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1668	UnloadScientProc	V	n/a	2	0	16	none				none	none
Unloading of periodic scientific process (Observation, Diagnostic, OV) from APEX table (if required)												

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1669	UnloadUpdateHKpr	V	n/a	2	0	16	none				none	none
Unloading of periodic update_hk_count_proc process from APEX table (if required)												

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1670	LoadInitprPriFas	V	n/a	2	0	16	none				none	none
Loading of periodic initproc_primefast process into APEX table												

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1671	UnloadInitPriFas	V	n/a	2	0	16	none				none	none
Unloading of periodic initproc_primefast process from APEX table												

RAW VALUE	MEANING
0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1672	LoadPrimeFastPro	V	n/a	2	0	16	none				none	none
Loading of periodic primefast_proc process into APEX table												

RAW VALUE	MEANING
0	OK
1	Not OK

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1673	LoadUpdateHKcoun	V	n/a	2	0	16	none				none	none

Loading of periodic update_hk_count_proc process into APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1674	Cmd Start OBS	V	n/a	2	0	16	none				none	none

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1675	LoadDiagProcess	V	n/a	2	0	16	none				none	none

Loading of periodic diag_proc process into APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1676	ExpectedPixelNum	V	n/a	2	0	16	none				none	none

Error in the number of expected pixels

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1677	HBR Config Error	V	n/a	2	0	16	none				none	none

Error on HBR channel configuration

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1678	ReturnToIdleErro	V	n/a	2	0	16	none				none	none

Error on return to IDLE mode

RAW VALUE MEANING

0 False
1 True

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1679	LoadInitDiagProc	V	n/a	2	0	16	none				none	none

Loading of periodic initprog_diag process into APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1680	UnloadIniDiagPro	V	n/a	2	0	16	none				none	none

Unloading of periodic initproc_diag process from APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1681	LoadOffVarProces	V	n/a	2	0	16	none				none	none

Loading of periodic ov_proc process into APEX table

RAW VALUE MEANING

0 OK
1 Not OK

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1682	LoadInitprocOfVa	V	n/a	2	0	16	none				none	none
Loading of periodic initproc_ov process into APEX table												
RAW VALUE		MEANING										
0		OK										
1		Not OK										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1683	UnloadInitprocOV	V	n/a	2	0	16	none				none	none
Unloading of periodic initproc_ov process from APEX table												
RAW VALUE		MEANING										
0		OK										
1		Not OK										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1684	Door Open Status	V	n/a	2	0	16	none				none	none
Error parameter on the Door status												
RAW VALUE		MEANING										
0		True										
1		False										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1685	CCDs in off	V	n/a	2	0	16	none				none	none
This error parameter reports if the CCDs are off												
RAW VALUE		MEANING										
0		True										
1		False										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1686	FPTempBelowSafTh	V	n/a	2	0	16	none				none	none
This error parameter reports if the Focal Plane Temperature is below the Safety Threshold												
RAW VALUE		MEANING										
0		False										
1		True										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1687	CmdEMAE Ctrl Off	V	n/a	2	0	16	none				none	none
Command EMAE control off												
RAW VALUE		MEANING										
0		OK										
1		Not OK										
2		Not required										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1688	CmdStartEMCRtemp	V	n/a	2	0	16	none				none	none
Error parameter on Command Start EMCR Temperature Control												
RAW VALUE		MEANING										
0		OK										
1		Not OK										
2		Not required										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1689	FW position Open	V	n/a	2	0	16	none				none	none
This error parameter reports if the Filter Wheel is in Open position or in a different/unknown position												
RAW VALUE		MEANING										
0		Open										
1		NotOpen/Un										
PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1690	LoadInitprExtrah	V	n/a	2	0	16	none				none	none
Loading of periodic initproc_extrah process into APEX table												
RAW VALUE		MEANING										
0		OK										
1		Not OK										

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1691	UnloadInitprExtr	V	n/a	2	0	16	none				none	none

Unloading of periodic initproc_extrah process from APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1692	LoadInitprocIFT	V	n/a	2	0	16	none				none	none

Loading of periodic initproc_ift process into APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1693	UnloadInitprIFT	V	n/a	2	0	16	none				none	none

Unloading of periodic initproc_ift process from APEX table

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1694	MasInReEDACcheck	V	n/a	2	1	1	none				none	none

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1695	MasterInitRepBIT	V	n/a	2	1	1	none				none	none

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1696	MasInRepSPROMCR	V	n/a	3	12	16	none				none	none

Master Initialization Report sPROM crc

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1697	MasIniRepPROCrc	V	n/a	3	12	16	none				none	none

Master Initialization Report PROC crc

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1698	MasIniRepRAMrslt	V	n/a	2	0	16	none				none	none

Master Initialization Report RAM result

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1699	MasInReFaultPGnm	V	n/a	3	12	16	none				none	none

Master Initialization Report Fault PGnm

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1700	MasInReFaultPGof	V	n/a	3	12	16	none				none	none
Master Initialization Report Fault Pgof												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1701	MasInitRepRAMcrc	V	n/a	3	12	16	none				none	none
Master Initialization Report RAM crc												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1702	SciInReEDACcheck	V	n/a	2	1	1	none				none	none
Scientific Initialization Report EDAC check												

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1703	SciInitReportBIT	V	n/a	2	1	1	none				none	none
Scientific Initialization Report BIT												

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1704	SciInitRepSPROM	V	n/a	3	12	16	none				none	none
Scientific Initialization Report sPROM												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1705	SciInitRepRAMcrc	V	n/a	3	12	16	none				none	none
Scientific Initialization Report RAM crc												

CALIBRATION CURVE

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1706	LoadResidPerProc	V	n/a	2	0	16	none				none	none
Loading of resident periodic process into APEX table												

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1707	ThermControlFlag	V	n/a	2	0	16	none				none	none
This thermal control flag is set to 1 if HK data from EMCR are not available or one LC is failed												

RAW VALUE MEANING

0 OK
1 Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1708	UnloadInitpr1ssb	V	n/a	2	0	16	none				none	none
Unload of periodic initproc_firstssb process from APEX table												

RAW VALUE MEANING

0 OK
1 Not OK

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PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1709	AutomTransReason	V	n/a	2	0	16	none				none	none
Reason of the automatic transition												

RAW VALUE MEANING

1	OBDH loss
2	ErrDiagnProc
3	EndDiagnProc
4	ErrorO/Vproc
5	End O/V Proc

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1710	EMCR HK DataFlag	V	n/a	2	0	16	none				none	none

RAW VALUE MEANING

0	OK
1	Not OK

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1711	SwitchIdentifier	V	n/a	2	0	16	none				none	none

RAW VALUE MEANING

2560	Door
2816	VentingValve
3072	Annealing
3328	SecondShroud
3584	FW Coil 1
3840	FW Coil 2

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1712	AnnealSwitchStat	V	n/a	2	8	8	none				none	none
Status of the EMDH Annealing switch												

RAW VALUE MEANING

0	Open
1	Closed

PREF	NAME	F/V	UNIT	PTC	PFC	W	TC	DEFAULT	MINIMUM	MAXIMUM	ALT_PARA	RED_PARA
K1713	SecondShroudStat	V	n/a	2	8	8	none				none	none
Status of the EMDH Secondary Shroud switch												

RAW VALUE MEANING

0	Open
1	Closed