

# XRT Timeline to be uploaded on 2021/08/12

Period: 2021/08/12 10:59:00 - 2021/08/17 11:12:00

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Normal mode

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## XOB #1BB9: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

Term	Pointing (x, y)	Comment
08/12 11:12:00 - 08/12 11:29:54	Track ( -310.5, 268.4) <sup>Ⓢ 08/12 11:09:00</sup>	# OP start + 10min, AR obs
08/13 06:33:30 - 08/13 11:41:54	Track ( -161.4, 263.4) <sup>Ⓢ 08/13 06:30:30</sup>	AR obs (HOP419 7:30UT~)
08/14 07:33:00 - 08/14 10:55:00	Track ( 37.3, 261.5) <sup>Ⓢ 08/14 07:30:00</sup>	AR obs (HOP419)

**PROG= 20 Inf.-time(s)**

<b>Subr= 1</b>	<b>1-time(s)</b>	<b>2.0sec</b>											
<b>Seqn= 92</b>	<b>1-time(s)</b>	<b>2.0sec</b>											
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
<b>Subr= 2</b>	<b>5-time(s)</b>	<b>2.0sec</b>											
<b>Seqn= 47</b>	<b>1-time(s)</b>	<b>2.0sec</b>											
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
<b>Seqn= 96</b>	<b>4-time(s)</b>	<b>90.0sec</b>											
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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## XOB #1C92: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 600s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
08/12 11:33:00 - 08/12 11:54:54	Fixed ( -19.0, -1000.0)	HOP412 01/20
08/12 12:23:00 - 08/12 12:44:54	Fixed ( -19.0, -800.0)	HOP412 03/20
08/12 12:48:00 - 08/12 13:34:30	Fixed ( -19.0, -700.0)	HOP412 04/20
08/12 14:01:00 - 08/12 14:19:54	Fixed ( -19.0, -600.0)	HOP412 05/20
08/13 11:45:00 - 08/13 12:32:00	Fixed ( -19.0, -500.0)	HOP412 06/20
08/13 12:58:00 - 08/13 13:19:54	Fixed ( -19.0, -400.0)	HOP412 07/20
08/13 13:23:00 - 08/13 14:10:30	Fixed ( -19.0, -300.0)	HOP412 08/20
08/13 14:37:00 - 08/13 14:58:54	Fixed ( -19.0, -200.0)	HOP412 09/20
08/13 15:02:00 - 08/13 15:49:00	Fixed ( -19.0, -100.0)	HOP412 10/20
08/13 16:29:00 - 08/13 16:50:54	Fixed ( -19.0, -10.0)	HOP412 11/20
08/13 16:54:00 - 08/13 17:27:00	Fixed ( -19.0, 90.0)	HOP412 12/20
08/13 18:06:00 - 08/13 18:27:54	Fixed ( -19.0, 190.0)	HOP412 13/20
08/13 18:31:00 - 08/13 19:05:30	Fixed ( -19.0, 290.0)	HOP412 14/20
08/13 19:42:00 - 08/13 20:03:54	Fixed ( -19.0, 390.0)	HOP412 15/20
08/13 20:07:00 - 08/13 20:44:00	Fixed ( -19.0, 490.0)	HOP412 16/20
08/13 21:19:00 - 08/13 21:40:54	Fixed ( -19.0, 590.0)	HOP412 17/20
08/13 21:44:00 - 08/13 22:22:30	Fixed ( -19.0, 690.0)	HOP412 18/20
08/13 22:56:00 - 08/13 23:17:54	Fixed ( -19.0, 790.0)	HOP412 19/20
08/13 23:21:00 - 08/14 00:01:00	Fixed ( -19.0, 890.0)	HOP412 20/20

**PROG= 19 Inf.-time(s)**

<b>Subr= 1</b>	<b>1-time(s)</b>	<b>2.0sec</b>											
<b>Seqn= 30</b>	<b>1-time(s)</b>	<b>2.0sec</b>											
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
<b>Subr= 2</b>	<b>5-time(s)</b>	<b>720.0sec</b>											
<b>Seqn= 8</b>	<b>1-time(s)</b>	<b>2.0sec</b>											
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
<b>Seqn= 6</b>	<b>1-time(s)</b>	<b>2.0sec</b>											
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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## XOB #1C97: AR - Filter-Ratio with thin-Be (long/short pairs) and Med-Be (short) with PFB, 384x384 at 1064 1048, with G-band (1ms/1ms VLS=CLS), 60 cad

Term	Pointing (x, y)	Comment
08/12 14:23:00 - 08/12 17:59:54	Track ( -274.6, 256.1) <sup>Ⓢ 08/12 14:20:00</sup>	HOP409
08/12 18:13:00 - 08/12 21:46:30	Track ( -245.0, 255.0) <sup>Ⓢ 08/12 18:10:00</sup>	HOP409 cont

**PROG= 18 Inf.-time(s)**

<b>Subr= 1</b>	<b>1-time(s)</b>	<b>2.0sec</b>											
<b>Seqn= 92</b>	<b>1-time(s)</b>	<b>2.0sec</b>											
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
<b>Subr= 2</b>	<b>120-time(s)</b>	<b>60.0sec</b>											

<b>Seqn= 37 1-time(s) 2.0sec</b>												
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
<b>Seqn= 59 1-time(s) 2.0sec</b>												
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1C8F: Synoptic Q95 2x2 - Al/mesh(64/512/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(128/1024/4096) +**

Term	Pointing (x, y)	Comment
08/12 18:03:00 - 08/12 18:09:54	Fixed ( 0.0, 0.0)	synoptic
08/13 06:23:30 - 08/13 06:30:24	Fixed ( 0.0, 0.0)	HOP 349 + synoptic, shifted 20.5 min
08/14 07:23:00 - 08/14 07:29:54	Fixed ( 0.0, 0.0)	HOP 349 + synoptic, shifted -13.5 min

<b>PROG= 16 1-time(s)</b>												
<b>Subr= 1 1-time(s) 2.0sec</b>												
<b>Seqn= 5 1-time(s) 2.0sec</b>												
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
<b>Seqn= 36 1-time(s) 2.0sec</b>												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 85 1-time(s) 2.0sec</b>												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 54 1-time(s) 2.0sec</b>												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 23 1-time(s) 2.0sec</b>												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1BD6: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 900s cad (G-band/Leak first)**

Term	Pointing (x, y)	Comment
08/12 22:23:00 - 08/13 01:59:54	Track ( -35.2, -56.9) @ 08/12 22:20:00	QS obs

<b>PROG= 17 Inf.-time(s)</b>												
<b>Subr= 1 1-time(s) 2.0sec</b>												
<b>Seqn= 30 1-time(s) 2.0sec</b>												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
<b>Subr= 2 8-time(s) 900.0sec</b>												
<b>Seqn= 8 1-time(s) 2.0sec</b>												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
<b>Seqn= 6 1-time(s) 2.0sec</b>												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1C98: HOP349 - 3-filter Synoptics (Al-mesh[24/256/2897], Al-poly[45/512/4096], thin-Be[512/8192/23142] with 512x512 G-band+Leak - 45min cad) + C**

Term	Pointing (x, y)	Comment
08/13 02:03:00 - 08/13 05:37:00	Fixed ( 0.0, 0.0)	HOP 349 + synoptic, shifted 20.5 min
08/14 03:40:30 - 08/14 07:19:54	Fixed ( 0.0, 0.0)	HOP 349 + synoptic, shifted -13.5 min

<b>PROG= 08 Inf.-time(s)</b>												
<b>Subr= 1 1-time(s) 600.0sec</b>												
<b>Seqn= 1 1-time(s) 2.0sec</b>												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	24ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 99 1-time(s) 2.0sec</b>												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 54 1-time(s) 2.0sec</b>												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 30 1-time(s) 2.0sec</b>												

	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
<b>Subr= 2</b>	<b>4-time(s)</b>		<b>600.0sec</b>										
<b>Seqn= 8</b>	<b>1-time(s)</b>		<b>2.0sec</b>										
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
<b>Seqn= 6</b>	<b>1-time(s)</b>		<b>2.0sec</b>										
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
<b>Seqn= 29</b>	<b>1-time(s)</b>		<b>2.0sec</b>										
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

<b>XOB #1C9A: HOP336 1-filter - Al/poly -384x384, 128ms and 2s, 60s-cadence, G-band - 384x384 1ms</b>													
Term	Pointing (x, y)		Comment										
08/14 00:33:00 - 08/14 03:05:30	Track ( -19.1, -163.9) @ 08/14 00:30:00		HOP393										
<b>PROG= 07</b>	<b>Inf.-time(s)</b>												
<b>Subr= 1</b>	<b>1-time(s)</b>		<b>2.0sec</b>										
<b>Seqn= 16</b>	<b>2-time(s)</b>		<b>2.0sec</b>										
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
<b>Subr= 2</b>	<b>1-time(s)</b>		<b>2.0sec</b>										
<b>Seqn= 90</b>	<b>1-time(s)</b>		<b>30.0sec</b>										
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
<b>Subr= 3</b>	<b>15-time(s)</b>		<b>2.0sec</b>										
<b>Seqn= 60</b>	<b>1-time(s)</b>		<b>60.0sec</b>										
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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**Flare mode**

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<b>XOB #1C96: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + G</b>													
Term	Pointing (x, y)		Comment										
08/12 11:12:00 - 08/12 11:29:54	Track ( -310.5, 268.4) @ 08/12 11:09:00		# OP start + 10min, AR obs										
08/12 11:33:00 - 08/12 11:54:54	Fixed ( -19.0, -1000.0)		HOP412 01/20										
08/12 12:23:00 - 08/12 12:44:54	Fixed ( -19.0, -800.0)		HOP412 03/20										
08/12 12:48:00 - 08/12 13:34:30	Fixed ( -19.0, -700.0)		HOP412 04/20										
08/12 14:01:00 - 08/12 14:19:54	Fixed ( -19.0, -600.0)		HOP412 05/20										
08/12 14:23:00 - 08/12 17:59:54	Track ( -274.6, 256.1) @ 08/12 14:20:00		HOP409										
08/12 18:13:00 - 08/12 21:46:30	Track ( -245.0, 255.0) @ 08/12 18:10:00		HOP409 cont										
08/12 22:23:00 - 08/13 01:59:54	Track ( -35.2, -56.9) @ 08/12 22:20:00		QS obs										
08/13 02:03:00 - 08/13 05:37:00	Fixed ( 0.0, 0.0)		HOP 349 + synoptic, shifted 20.5 min										
08/13 06:33:30 - 08/13 11:41:54	Track ( -161.4, 263.4) @ 08/13 06:30:30		AR obs (HOP419 7:30UT-)										
08/13 11:45:00 - 08/13 12:32:00	Fixed ( -19.0, -500.0)		HOP412 06/20										
08/13 12:58:00 - 08/13 13:19:54	Fixed ( -19.0, -400.0)		HOP412 07/20										
08/13 13:23:00 - 08/13 14:10:30	Fixed ( -19.0, -300.0)		HOP412 08/20										
08/13 14:37:00 - 08/13 14:58:54	Fixed ( -19.0, -200.0)		HOP412 09/20										
08/13 15:02:00 - 08/13 15:49:00	Fixed ( -19.0, -100.0)		HOP412 10/20										
08/13 16:29:00 - 08/13 16:50:54	Fixed ( -19.0, -10.0)		HOP412 11/20										
08/13 16:54:00 - 08/13 17:27:00	Fixed ( -19.0, 90.0)		HOP412 12/20										
08/13 18:06:00 - 08/13 18:27:54	Fixed ( -19.0, 190.0)		HOP412 13/20										
08/13 18:31:00 - 08/13 19:05:30	Fixed ( -19.0, 290.0)		HOP412 14/20										
08/13 19:42:00 - 08/13 20:03:54	Fixed ( -19.0, 390.0)		HOP412 15/20										
08/13 20:07:00 - 08/13 20:44:00	Fixed ( -19.0, 490.0)		HOP412 16/20										
08/13 21:19:00 - 08/13 21:40:54	Fixed ( -19.0, 590.0)		HOP412 17/20										
08/13 21:44:00 - 08/13 22:22:30	Fixed ( -19.0, 690.0)		HOP412 18/20										
08/13 22:56:00 - 08/13 23:17:54	Fixed ( -19.0, 790.0)		HOP412 19/20										
08/13 23:21:00 - 08/14 00:01:00	Fixed ( -19.0, 890.0)		HOP412 20/20										
08/14 00:33:00 - 08/14 03:05:30	Track ( -19.1, -163.9) @ 08/14 00:30:00		HOP393										
08/14 03:40:30 - 08/14 07:19:54	Fixed ( 0.0, 0.0)		HOP 349 + synoptic, shifted -13.5 min										
08/14 07:33:00 - 08/14 10:55:00	Track ( 37.3, 261.5) @ 08/14 07:30:00		AR obs (HOP419)										

<b>PROG= 04</b>	<b>30-time(s)</b>												
<b>Subr= 1</b>	<b>20-time(s)</b>		<b>2.0sec</b>										
<b>Seqn= 11</b>	<b>1-time(s)</b>		<b>2.0sec</b>										
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
<b>Seqn= 73</b>	<b>1-time(s)</b>		<b>10.0sec</b>										
	thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
	med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
<b>Subr= 2</b>	<b>1-time(s)</b>		<b>2.0sec</b>										
<b>Seqn= 10</b>	<b>1-time(s)</b>		<b>2.0sec</b>										
	med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
<b>Seqn= 11</b>	<b>1-time(s)</b>		<b>2.0sec</b>										
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
<b>Seqn= 87</b>	<b>1-time(s)</b>		<b>2.0sec</b>										
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec

}	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Open/thick-AI	Open/thick-AI	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Open/thick-AI	Open/thick-AI	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

\* \* \* \* \*

### Active Region Search

\* \* \* \* \*

NOT USED

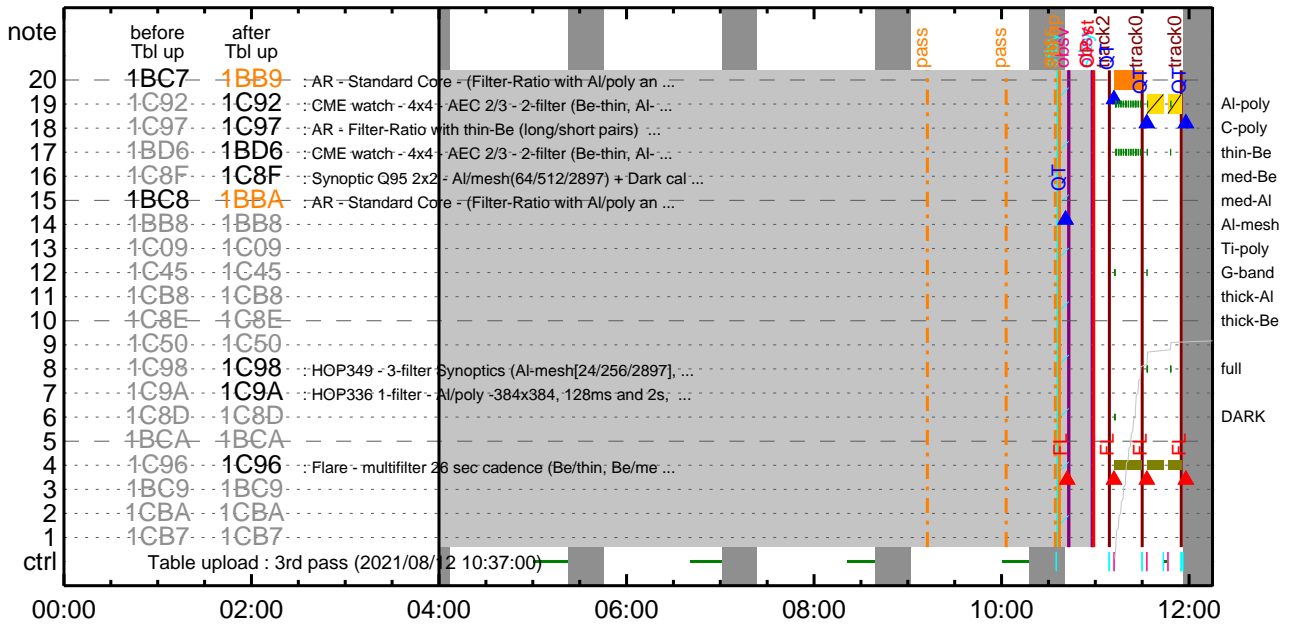
\* \* \* \* \*

### Flare Detection

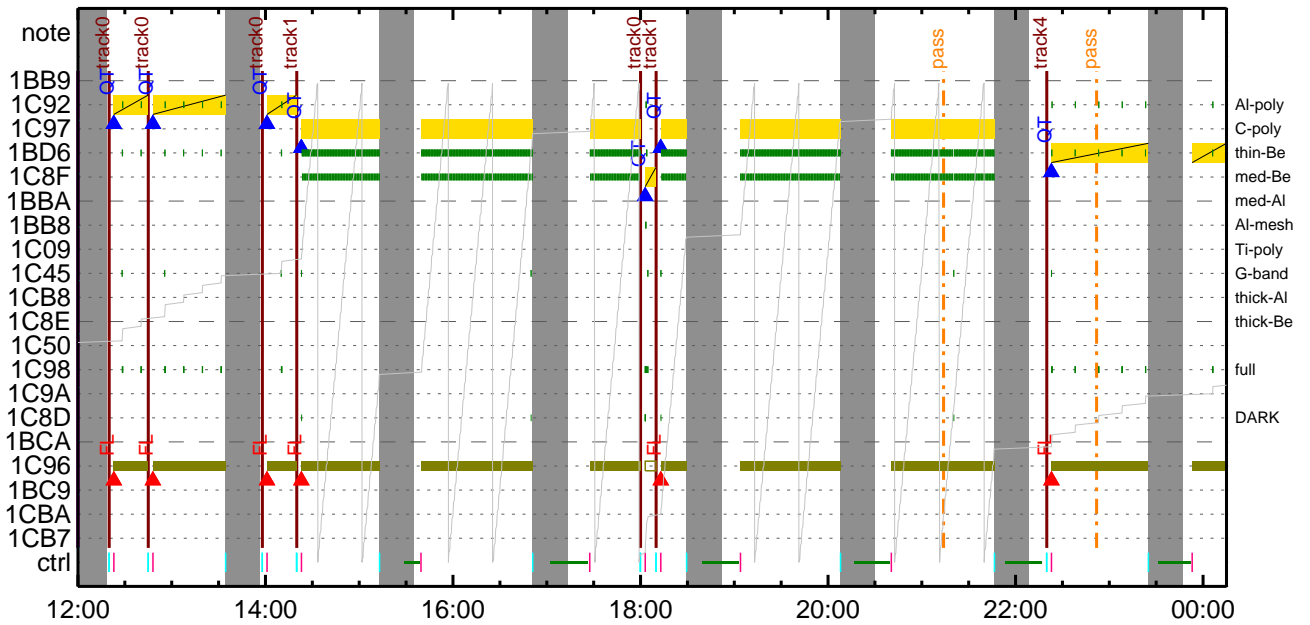
\* \* \* \* \*

FLD Patrol												
Term	Pointing (x, y)						Comment					
08/12 18:10:18 - 08/13 06:20:48	Track ( -245.0, 255.0) <sup>@ 08/12 18:10:00</sup>						HOP409 cont					
08/13 06:30:48 - 08/13 17:53:18	Track ( -161.4, 263.4) <sup>@ 08/13 06:30:30</sup>						AR obs (HOP419 7:30UT~)					
08/13 18:03:18 - 08/14 07:20:18	Fixed ( -19.0, 190.0)						HOP412 13/20					
08/14 07:30:18 - 08/17 11:12:00	Track ( 37.3, 261.5) <sup>@ 08/14 07:30:00</sup>						AR obs (HOP419)					
Open/Ti-poly	Open/thick-AI	close	Safe	Norm	4ms	Obs	8x8			DPCM		300sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

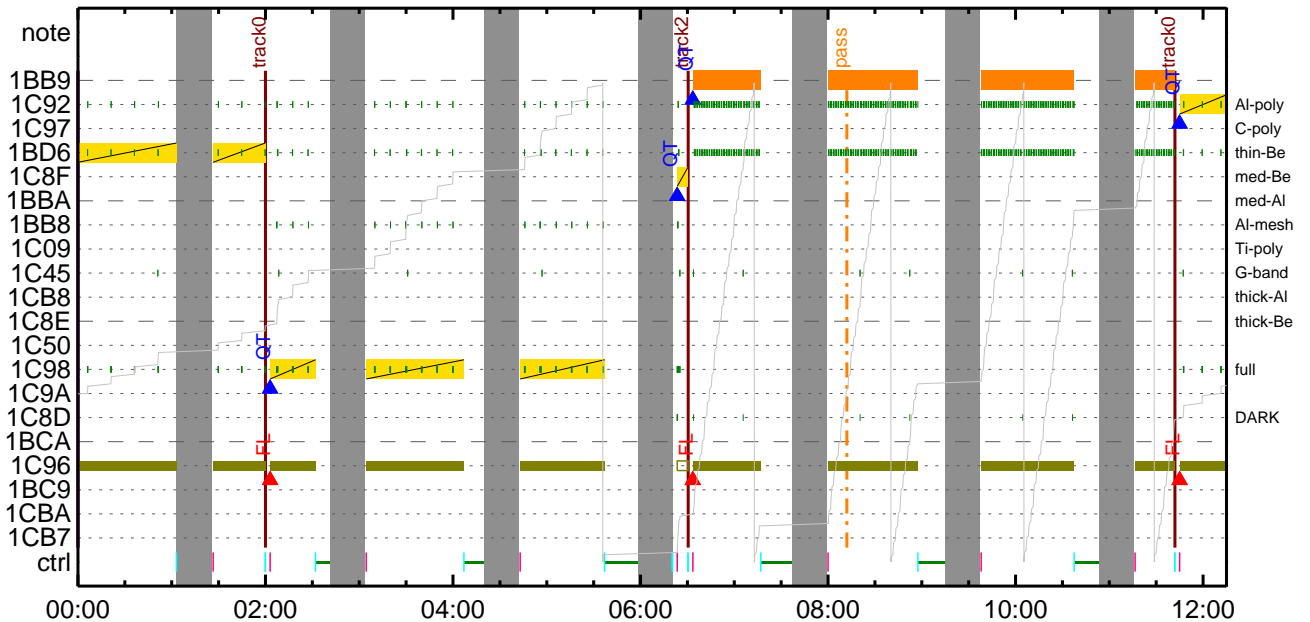
### CMDI #0808 2021/08/12



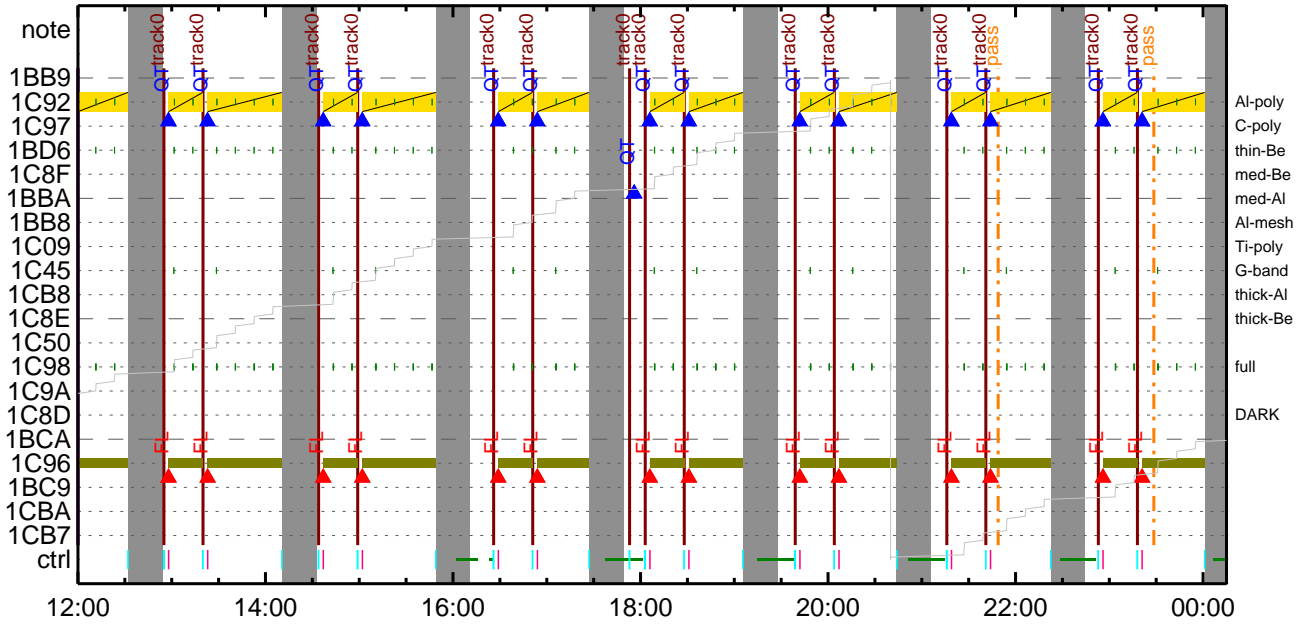
### CMDI #0808 2021/08/12



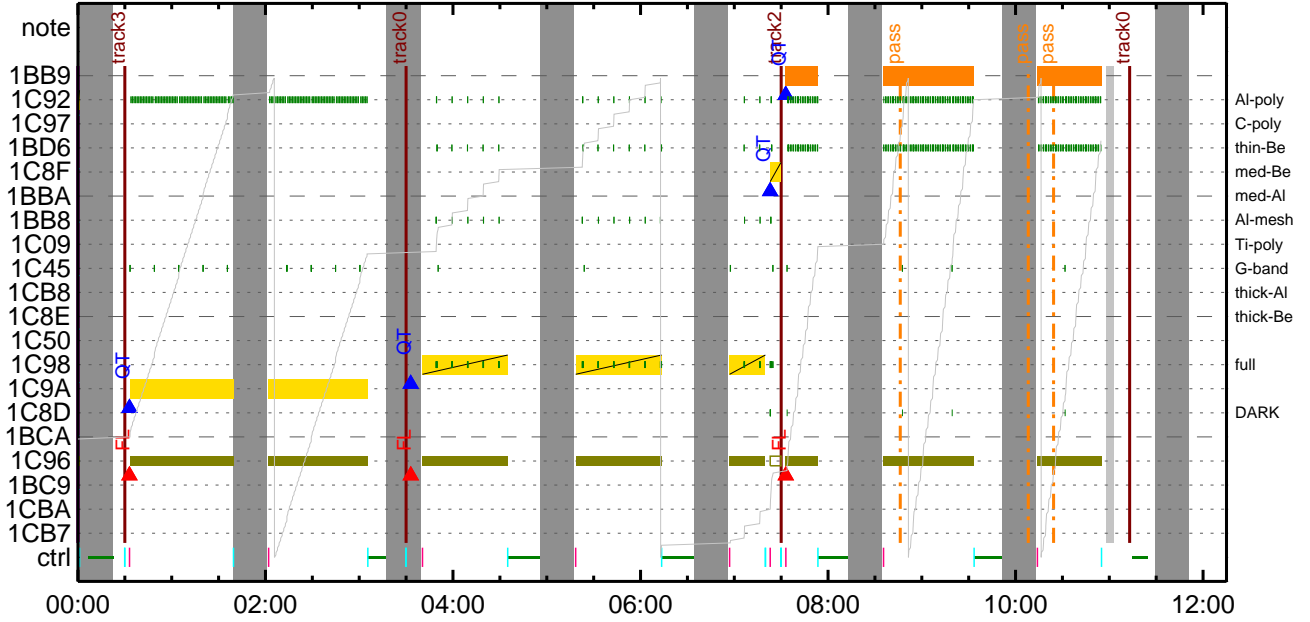
### CMDI #0808 2021/08/13



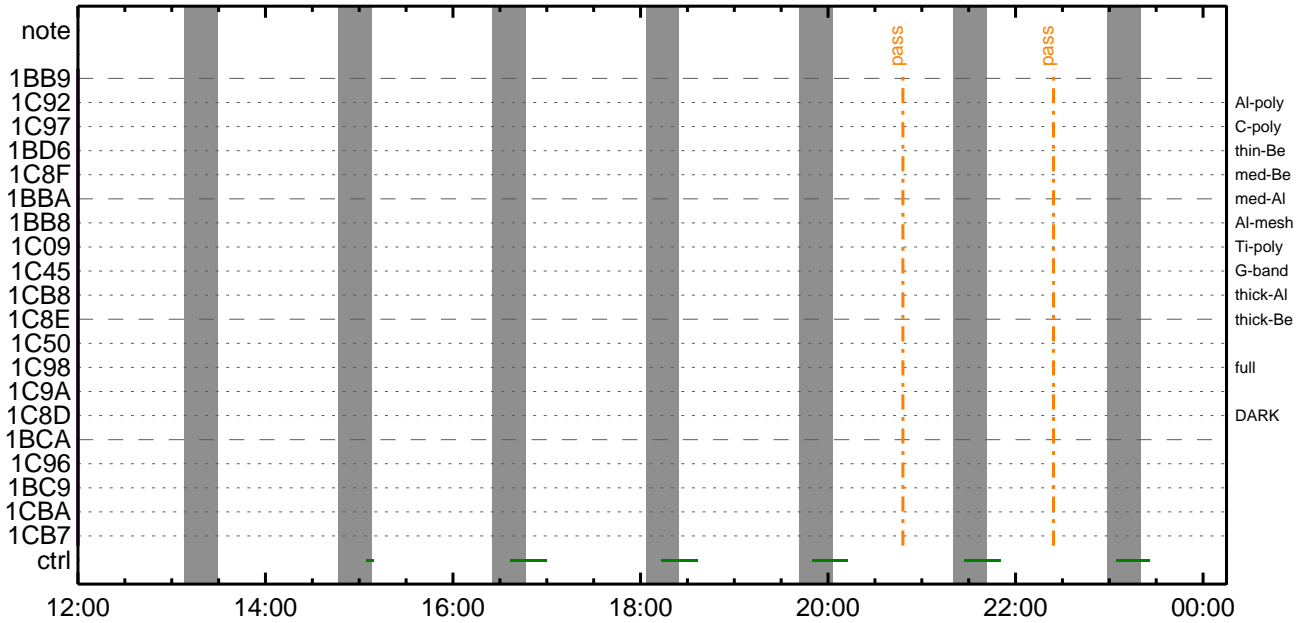
CMDI #0808 2021/08/13



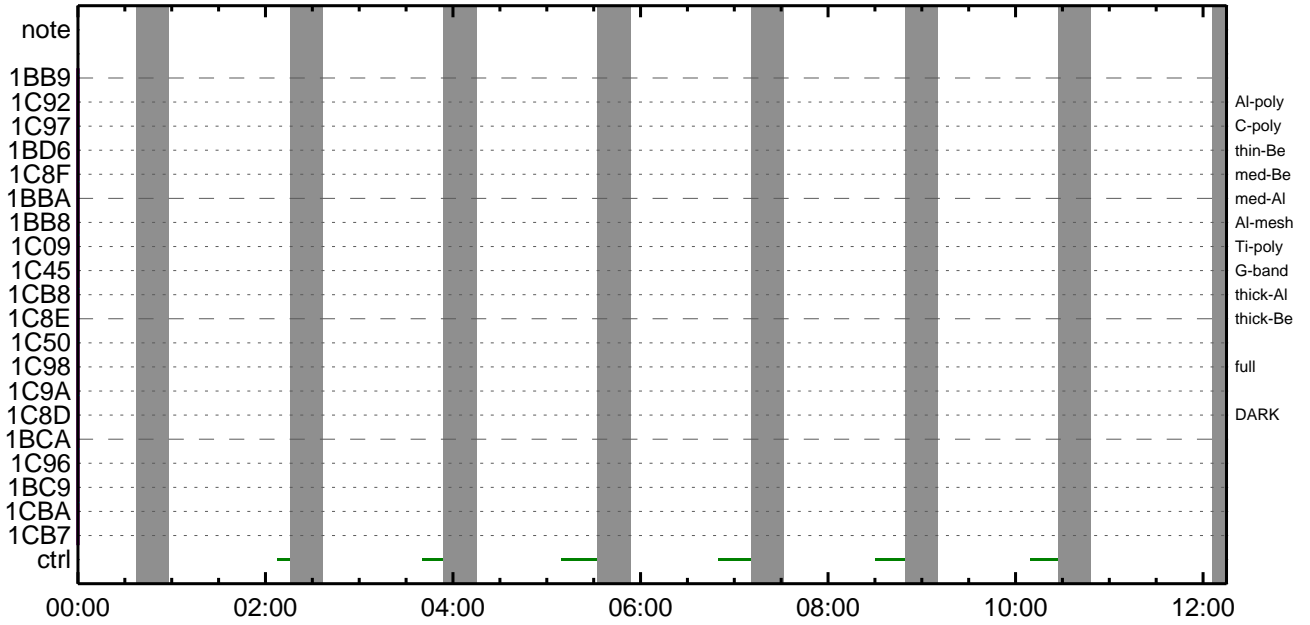
CMDI #0808 2021/08/14



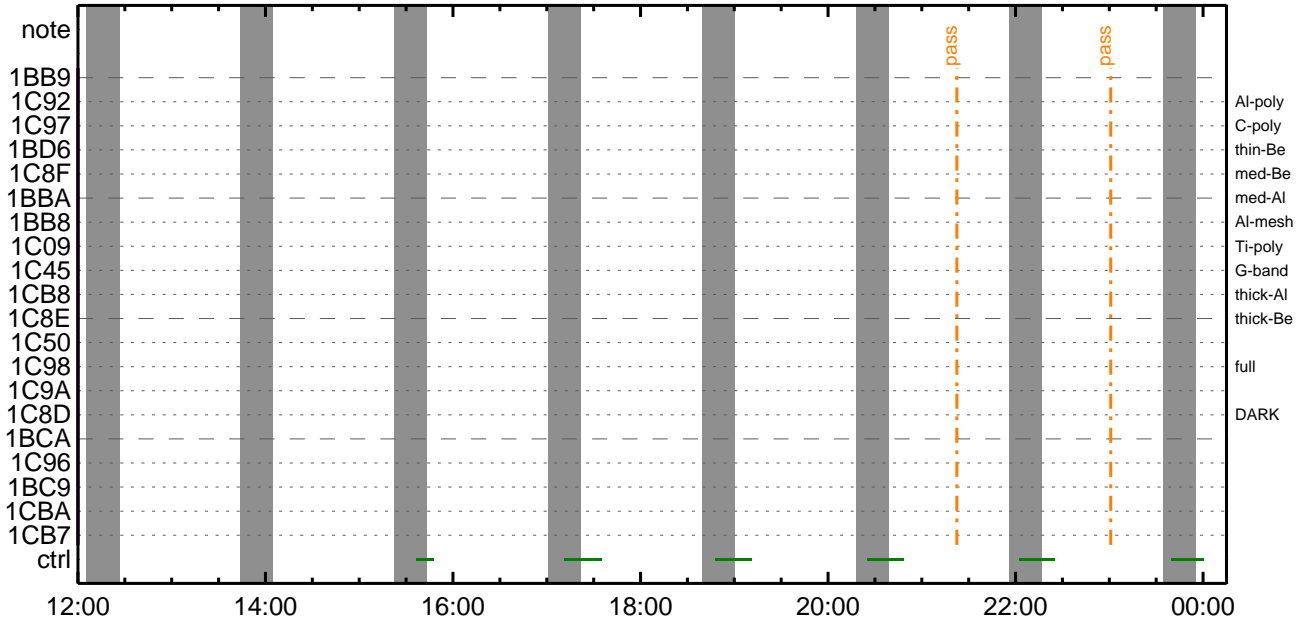
CMDI #0808 2021/08/14



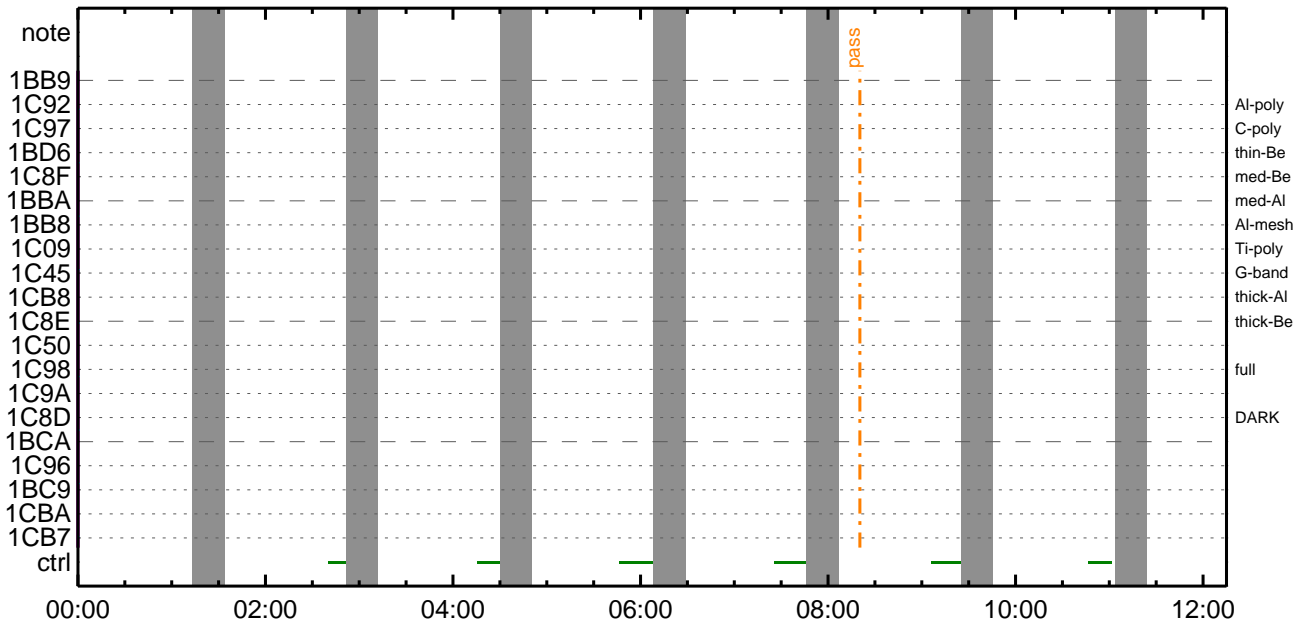
CMDI #0808 2021/08/15



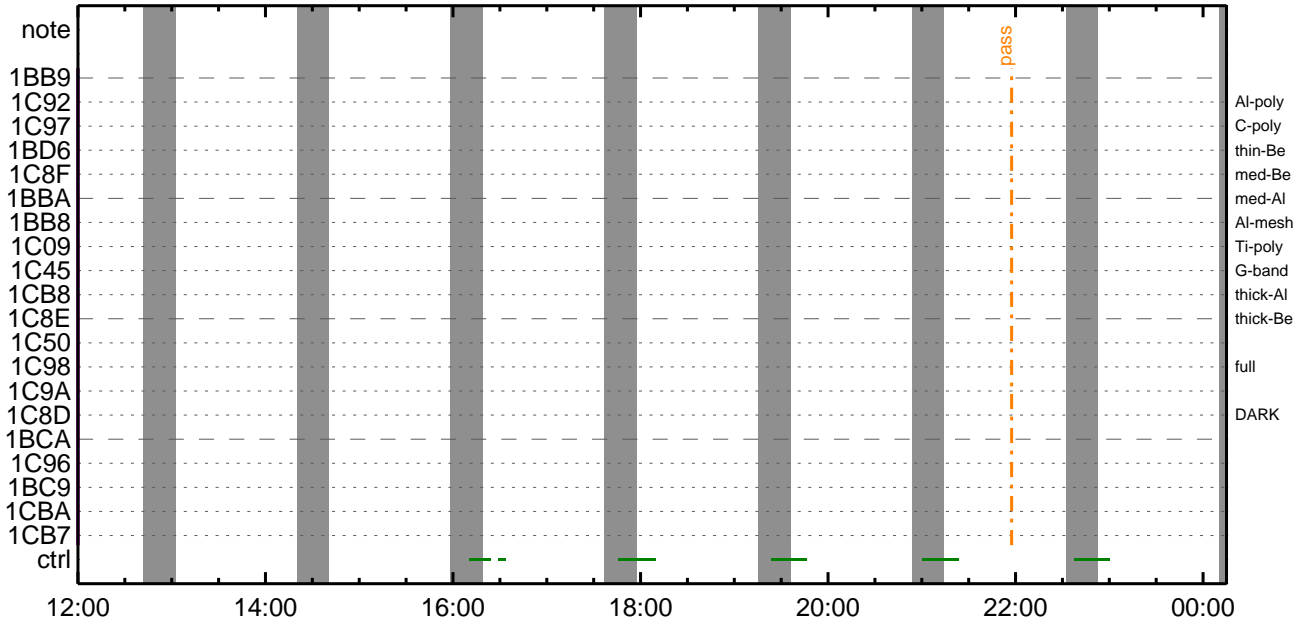
CMDI #0808 2021/08/15



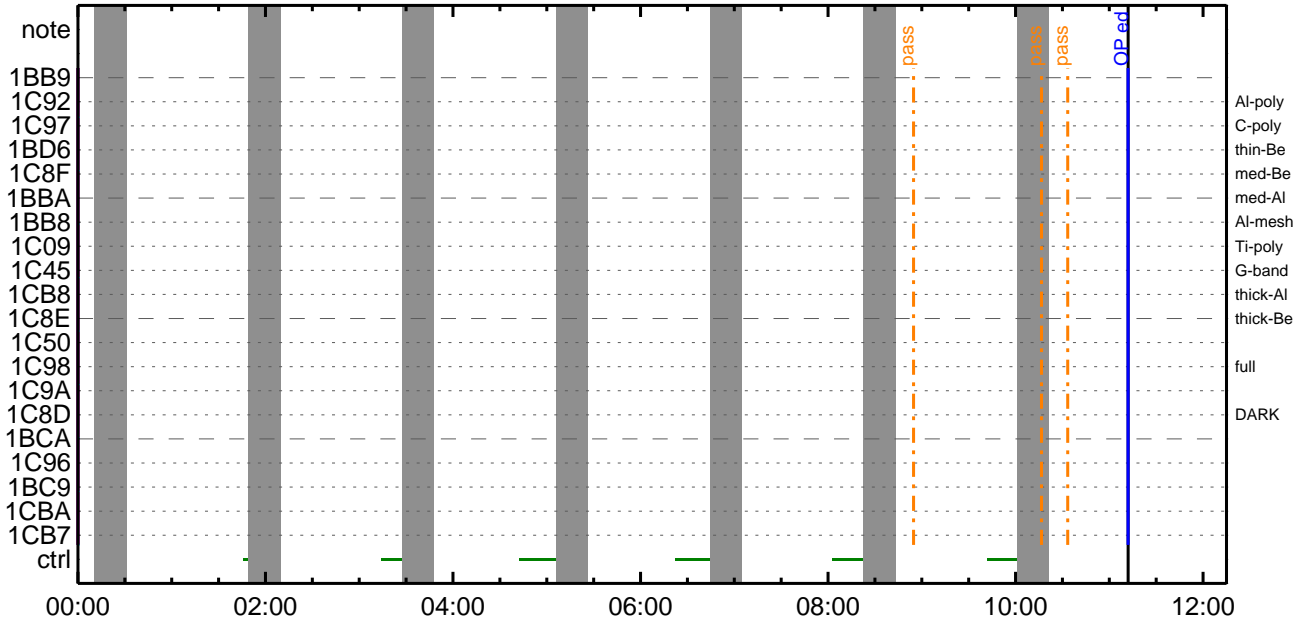
CMDI #0808 2021/08/16



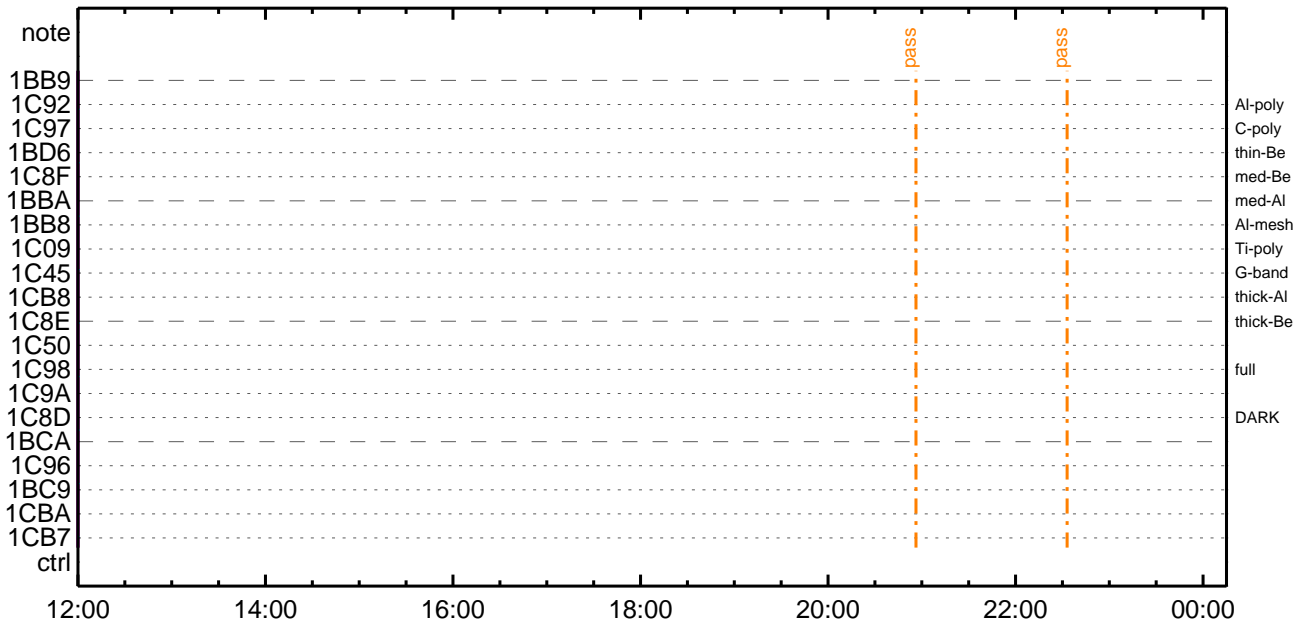
CMDI #0808 2021/08/16



CMDI #0808 2021/08/17



CMDI #0808 2021/08/17







```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YA6Yx
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-635:OP
0104 ( )
0105 S. OG og-635:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°èYAY6Yx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YA6Yx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î¼E¹ç.ë²îOKò³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YA6Yx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î¼E¹ç.ë²îOKò³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YA6Yx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î¼E¹ç.ë²îOKò³îÇ§
0165 C.
0166 C. ***** °E²¼òî¼Ã´¶Á°òEÉ-ò°Á÷¿@ (%âµ-YA6Yx½ªE½çòðÁÔæòÇ½ª°²òE½î¹çòÇòâ) *****
0167 C. DHUYâ;4YE;E½Y½;Yî;4YE;Eòðîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²-Á÷¿@NG²î¼î¹ç;ç°E²¼òîTI-CMDÁ÷¿@²î¼Á¹Ô².²E²ò²³òE;f
0180 C. ²²ò¿;çSET²E²DUMP²îE±²îY¹²ç¹Ô²|²³òE;f
0181 C.
0182 C. TIY³Y²Y6YE²òðÁDî¿(UT)
0183 +. TI 2021-08-12 10:54:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2021-08-12 10:54:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2021-08-12 10:54:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0194 C.
0195 +. TI 2021-08-12 10:58:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.      çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0198 C.
0199 C. °Ê²¼ºíÄë%îíñºîîŷÄŷ§ŷÄŷ-¹àîü
0200 C.      çç[HK1_TI_CMD_ENA/DIS] EQ ENA
0201 C.      çç[HK1_TI_CMD_NUM] EQ 4
0202 C.      çç[HK1_NEXT_EXEC_PIM] EQ DHU
0203 C.      çç[HK1_NEXT_EXEC_DC] EQ 0xB3
0204 C.
0205 C. *****
0206 C. TIîî°èŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC (03 ab 03 01 02)
0212 C.      çç[HK1_DMP_TOP_ADRS_1] EQ 07
0213 C.      çç[HK1_DMP_TOP_ADRS_0] EQ 2B
0214 C.      çç[HK1_DMP_BLOCK_NUM] EQ 3
0215 C.      çç[HK1_DMP_REPEAT_NUM] EQ 0
0216 C.      çç[HK1_DMA_DMP_PIM] EQ DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC (07 0b f8)
0219 C.      çç[HK1_PKT_FORM_NO] EQ 7
0220 C.      çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0221 C.      çç[HK1_S_TLM_BIT_RATE] EQ 32k
0222 C.      çç[HK1_X_TLM_BIT_RATE] EQ 4M
0223 C.      çç[HK1_DMP_CHK_FLG] EQ EXEC
0224 C.
0225 C. ŷÄŷÖŷ×½ªî»º³îç§
0226 C.      çç[HK1_DMP_CHK_FLG] EQ NON
0227 C.
0228 C. RAM ID=TI_TBLºîî¾È¹ç•ë²îOKº³îç§
0229 C.
0230 C. DHUŷâ;¼ŷÉ;È¼ŷ½. ŷî;¼ŷÉ;Èº³îãº¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC (02 0a f8)
0233 C.      çç[HK1_PKT_FORM_NO] EQ 2
0234 C.      çç[HK1_PKT_GEN_TIME] EQ 0.5S
0235 C.      çç[HK1_S_TLM_BIT_RATE] EQ 32K
0236 C.      çç[HK1_X_TLM_BIT_RATE] EQ 4M
0237 C.
0238 C. *****
0239 C. SOT TI command set
0240 C. *****
0241 C. Execute, after the success of OP upload.
0242 +. TI 2021-08-12 10:58:16.0
0243 DC 07-F0 MDP_SOT_MODE_STBY
0244 BC (41)
0245 C. -----
0246 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0247 C. -----
0248 C. ***** SOT END *****
0249 C. Stop EIS observation and temporarily disable EIS mode changes
0250 C.
0251 C.
0252 C. ***** Start EIS operation (TI set) *****
0253 C. Execute, after the success of OP upload.
0254 C. Set EIS TI-commands
0255 +. TI 2021-08-12 10:58:30.0
0256 DC 07-FC EIS_MODE_MANU
0257 BC (21 02)
0258 +. TI 2021-08-12 10:58:40.0
0259 DC 07-FC EIS_MODE_CHG_DIS
0260 BC (22)
0261 C. [ ] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0262 C. ***** End EIS operation (TI set) *****
0263 C.
0264 C.
0265 C.
0266 C. ***** XRT START *****
0267 C. Execute, after the success of OP upload.
0268 +. TI 2021-08-12 10:58:00.0
0269 DC 07-F0 MDP_XRT_MODE_STBY
0270 BC (c3)
0271 C. [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0272 C.
0273 C. ***** XRT END *****
0274 C.
0275 C. ***** MDP ´ûÃîãî»ö¼ŷºîÈÄº¹ºèDCBC•x²è *****
0276 C. (¼ªºîîŷÖŷÄŷÉŷŷŷÉŷ¼ŷçŷèºÈ¼ºª¼ª»Ûº¹ºè)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŷĐŷ¹•î Daily±çîñºè'ºº¹ºèDCBC•x²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOSŷÄŷ§ŷÄŷ-¼ª»Û;ã
0287 C.
0288 C. ***** LOS *****
0289 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-636 2021-08-12 13:42:07 117 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Ü;ã
0005 C.
0006 C. YÁY$;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;Èó¿òÁó•µ°È»Í×ÁÇóÍYçYÁY×Yí;¼YÉ;ÈÈ%µ•íÉ;ÈóÈ¼°ÇÓó•ó¿¼l¹çóÍ;çÁ®, ùó¹óÈóÈóçÁ+¿®ó•óÈóóó³óÈ;f
0011 +. DC 02-8E AOCS_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCS_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCS_DUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCS_ORB_UPD
0044 . C.
0045 . C. *****
0046 C. SOT table upload
0047 C. *****
0048 . C. < Stop SP table >
0049 +. DC 07-F0 MDP_SP_CTRL_MANU
0050 BC (61)
0051 C. -----
0052 C. MDP_SP_CTRL_MODE = MANU [ ]
0053 C. -----
0054 C.
0055 . C. <Upload SP Observation Table>
0056 . S. RAM ram-281:MDP_OBS_S
0057 ( )
0058 C.
0059 . C. < Dump RAMID=MDP_OBS_S >
0060 +. DC 07-F0 MDP_DUMP_SPTBL
0061 BC (83 07 00 00 00 38 b8)
0062 C. -----
0063 C. MDP_OBS_S verify = OK/NG [ ]
0064 C. -----
0065 C.
0066 C. *****
0067 C. SOT TI command set
0068 C. *****
0069 C. Execute, after the success of TBL upload.
0070 +. TI 2021-08-12 10:58:18.0
0071 DC 07-F0 MDP_SOT_MODE_OBSV
0072 BC (40)
0073 . C. -----
0074 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0075 C. -----
0076 C.
0077 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0078 +. DC 07-FC EIS_MODE_CHG_ENA
0079 BC (20)
0080 . C. Verify EIS_MODE_CHG_FLG is ENA
0081 +. DC 07-FC EIS_MODE_MANU
0082 BC (21 02)
0083 . C. Verify EIS in MANUAL mode
0084 . C. Estimated OBSTBL upload time is 1ml2s
0085 C. *****
0086 C. EIS START OBSTBL LOAD
0087 C. *****
0088 . S. RAM ram-820:EIS_OBSTBL
0089 ( )
0090 +. DC 07-FC EIS_DUMP_OBSTBL
0091 BC (07 07 07 00 00 70 00)
0092 C.
0093 C. Execute, after the success of OBSTBL upload.
0094 C. Set EIS TI-commands
0095 +. TI 2021-08-12 10:58:50.0
```



(a) Spacecraft Operation Procedure (real-commands)

```
main-637 2021-08-12 13:42:07 98 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŠYÁY~¼Ä»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YFÝóYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. ÁÍ;Èá¿ðÀá•µ°È»Í×ÁÇáÍYçYÁY×YÍ;¼YÉ;ÈÈè%µ•ííÉ;ÈáÈ¼°ÇÓá•á¿¼í¹çáÍ;çÄ®.ùá¹áèáááçÄ+¿®á•áÈáááááÈ;f
0011 +. DC 02-8E AOCS_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG_____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR _____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 05 85 83 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 06 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 07 80 80 08 08)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 08 80 80 20 20)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 09 80 80 20 08)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0a 80 80 08 20)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0f 80 80 06 06)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 10 80 80 08 08)
0056 + DC 07-F0 MDP_XRT_FLD_ENA
0057 BC (d8)
0058 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0059 BC (c8)
0060 + DC 07-F0 MDP_XRT_ARS_DIS
0061 BC (d5)
0062 + DC 07-F0 MDP_XRT_AEC_RESET
0063 BC (d0)
0064 + DC 07-F0 MDP_XRT_FLD_RESET
0065 BC (da)
0066 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0067 BC (c4 0f)
0068 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0069 BC (c5 04)
0070 . C. ----- Success Verify ? OK / NG _____
0071 C.
0072 C.
0073 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0074 C.
0075 +. DC 07-F0 MDP_XRT_MODE_OBSV
0076 BC (c2)
0077 +. TI 2021-08-12 10:58:02.0
0078 DC 07-F0 MDP_XRT_MODE_OBSV
0079 BC (c2)
0080 . C. ----- Success Verify ? OK / NG _____
0081 C.
0082 C. ***** XRT END *****
0083 C.
0084 . C. ***** MDP 'úÁÍáÍ»ò¼YáÈÁá¹áèDCBC•x²è *****
0085 C. (¼á°íYÓYÁYÈYÞYÈYáYçYèáÈ%¼á¼Ä»Ûá¹áè)
0086 . S. DC-BC dcbc-402:DCBC
0087 (MDP_known_event)
0088 C.
0089 C.
0090 . C. ***** YDY¹•Í Daily±¿íÑáÉ'Øá¹áèDCBC•x²è *****
0091 . S. DC-BC dcbc-153:DCBC
0092 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0093 C.
0094 C.
0095 . C. ;ãLOSÁYŠYÁY~¼Ä»Û;ã
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0096 C.  
0097 . C. \*\*\*\*\* LOS \*\*\*\*\*  
0098 C.

\*\*\* OP Sequence for XRT \*\*\*

2021/08/12	11:08:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/12	11:08:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/12	11:08:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2021/08/12	11:09:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	02 05 0e 01 ca		
2021/08/12	11:09:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/08/12	11:09:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/08/12	11:09:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/08/12	11:09:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/08/12	11:09:26.0	XRT_FLD_RESET_434_OG [0x1b2]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/12	11:11:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14		
2021/08/12	11:11:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/08/12	11:12:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/12	11:29:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/12	11:29:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/12	11:29:58.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2021/08/12	11:30:00.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 58 e5 01 b2		
2021/08/12	11:30:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/08/12	11:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/08/12	11:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/08/12	11:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/08/12	11:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/12	11:32:56.0	XRT_QT_PROG_SET_404_OG [0x194]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2021/08/12	11:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/08/12	11:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/12	11:43:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/12	11:43:32.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/12	11:43:34.0	XRT_PREFLR_STRT_431_OG [0x1af]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/08/12	11:45:30.0	XRT_Custom_430_OG [0x1ae]					
2021/08/12	11:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/12	11:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/08/12	11:54:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/12	11:54:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/12	11:54:58.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2021/08/12	11:55:00.0	AOCS_Ore-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 50 00 01 b2		
2021/08/12	11:55:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/08/12	11:55:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/08/12	11:55:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/08/12	11:55:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/08/12	11:55:26.0	XRT_FLD_RESET_434_OG [0x1b2]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/12	11:56:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/12	11:56:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/12	11:56:04.0	XRT_PREFLR_STRT_431_OG [0x1af]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/08/12	11:57:56.0	XRT_QT_PROG_SET_404_OG [0x194]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2021/08/12	11:57:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/08/12	11:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/08/12	12:19:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		



2021/08/12	12:19:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/12	12:19:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2021/08/12	12:20:00.0	AOCS_ORe-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00 47 1a 01 b2
2021/08/12	12:20:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2021/08/12	12:20:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2021/08/12	12:20:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2021/08/12	12:20:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2021/08/12	12:20:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2021/08/12	12:22:56.0	XRT_QT_PROG_SET_404_OG [0x194] MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2021/08/12	12:22:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2021/08/12	12:23:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/08/12	12:44:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/12	12:44:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/12	12:44:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2021/08/12	12:45:00.0	AOCS_ORe-point_Start_5_OG [0x09b] AOCU_NM	5	02-76	00 3e 35 01 b2
2021/08/12	12:45:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2021/08/12	12:45:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2021/08/12	12:45:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2021/08/12	12:45:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2021/08/12	12:45:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2021/08/12	12:47:56.0	XRT_QT_PROG_SET_404_OG [0x194] MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2021/08/12	12:47:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2021/08/12	12:48:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/08/12	13:34:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/12	13:34:32.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2021/08/12	13:34:34.0	XRT_PREFLR_STRT_431_OG [0x1af] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/08/12	13:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/08/12	13:57:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/12	13:57:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/12	13:57:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2021/08/12	13:58:00.0	AOCS_ORe-point_Start_6_OG [0x09c] AOCU_NM	5	02-76	00 35 58 01 b2
2021/08/12	13:58:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2021/08/12	13:58:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2021/08/12	13:58:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2021/08/12	13:58:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2021/08/12	13:58:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2021/08/12	14:00:56.0	XRT_QT_PROG_SET_404_OG [0x194] MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2021/08/12	14:00:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2021/08/12	14:01:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/08/12	14:19:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/12	14:19:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/12	14:19:58.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2021/08/12	14:20:00.0	AOCS_ORe-point_Start_7_OG [0x09d] AOCU_NM	5	02-76	01 05 0e 01 ca
2021/08/12	14:20:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2021/08/12	14:20:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2021/08/12	14:20:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2021/08/12	14:20:24.0	XRT_ARS_DIS_423_OG [0x1a7]			

Aug 12, 21 13:42

## XRT\_OGLIST\_0808.chk

Page 3/12

2021/08/12	14:20:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/12	14:22:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12			
2021/08/12	14:22:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2021/08/12	14:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/12	15:13:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/12	15:13:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/12	15:13:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/12	15:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/12	15:38:30.0	XRT_Custom_430_OG [0x1ae]								
2021/08/12	15:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/12	16:51:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/12	16:51:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/12	16:51:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/12	16:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/12	17:26:30.0	XRT_Custom_430_OG [0x1ae]								
2021/08/12	17:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/12	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/12	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/12	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2021/08/12	18:00:00.0	AOCS_OrE-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00	00	00	00	00
2021/08/12	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2021/08/12	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2021/08/12	18:00:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/12	18:02:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2021/08/12	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/12	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/12	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/12	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2021/08/12	18:10:00.0	AOCS_OrE-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	01	05	0e	01	ca
2021/08/12	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/08/12	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/08/12	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/08/12	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/12	18:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/12	18:12:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12			
2021/08/12	18:12:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2021/08/12	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/12	18:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/12	18:29:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/12	18:29:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/12	18:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/12	19:03:00.0	XRT_Custom_430_OG [0x1ae]								
2021/08/12	19:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/12	20:08:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/12	20:08:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/12	20:08:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/12	20:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/12	20:39:30.0	XRT_Custom_430_OG [0x1ae]								

Aug 12, 21 13:42

## XRT\_OGLIST\_0808.chk

Page 4/12

2021/08/12	20:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/12	21:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/12	21:46:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/12	21:46:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/08/12	21:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/08/12	22:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/12	22:19:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/12	22:19:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2021/08/12	22:20:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	04 05 0e 01 ca		
2021/08/12	22:20:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/08/12	22:20:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/08/12	22:20:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/08/12	22:20:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/08/12	22:20:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/12	22:22:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11		
2021/08/12	22:22:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/08/12	22:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/12	23:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/12	23:25:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/12	23:25:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/08/12	23:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/08/12	23:52:00.0	XRT_Custom_430_OG [0x1ae]						
2021/08/12	23:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/13	01:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/13	01:03:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/13	01:03:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/08/13	01:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/08/13	01:25:30.0	XRT_Custom_430_OG [0x1ae]						
2021/08/13	01:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/13	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/13	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/13	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2021/08/13	02:00:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 00 00 00 00		
2021/08/13	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/08/13	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/08/13	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/08/13	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/08/13	02:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/13	02:02:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08		
2021/08/13	02:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/08/13	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/13	02:32:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/13	02:32:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/13	02:32:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/08/13	02:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/08/13	03:03:30.0	XRT_Custom_430_OG [0x1ae]						
2021/08/13	03:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/13	04:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

Aug 12, 21 13:42

## XRT\_OGLIST\_0808.chk

Page 5/12

2021/08/13	04:07:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/13	04:07:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/08/13	04:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/08/13	04:42:00.0	XRT_Custom_430_OG [0x1ae]					
2021/08/13	04:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/13	05:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	05:37:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/13	05:37:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/08/13	05:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/08/13	06:20:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	06:20:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	06:20:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2021/08/13	06:20:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2021/08/13	06:20:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2021/08/13	06:20:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/08/13	06:23:28.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2021/08/13	06:23:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/13	06:30:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	06:30:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	06:30:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2021/08/13	06:30:30.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	02 05 0e 01 ca	
2021/08/13	06:30:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2021/08/13	06:30:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/08/13	06:30:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/08/13	06:30:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/08/13	06:30:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/13	06:33:26.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14	
2021/08/13	06:33:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2021/08/13	06:33:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/13	07:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	07:17:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/13	07:17:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/08/13	07:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/08/13	07:59:00.0	XRT_Custom_430_OG [0x1ae]					
2021/08/13	08:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/13	08:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	08:57:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/13	08:57:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/08/13	09:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/08/13	09:37:00.0	XRT_Custom_430_OG [0x1ae]					
2021/08/13	09:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/13	10:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	10:37:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/13	10:37:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/08/13	10:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/08/13	11:15:30.0	XRT_Custom_430_OG [0x1ae]					
2021/08/13	11:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/13	11:41:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	11:41:56.0	XRT_CTRL_MANU_402_OG [0x192]					

2021/08/13	11:41:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/13	11:42:00.0	AOCS_OrE-point_Start_10_OG [0x0a0]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2021/08/13	11:42:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 2c 72 01	b2	
2021/08/13	11:42:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/08/13	11:42:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/08/13	11:42:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/08/13	11:42:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/08/13	11:44:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/13	11:44:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2021/08/13	11:45:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/08/13	12:32:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/13	12:32:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/13	12:32:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/13	12:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/08/13	12:54:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/08/13	12:54:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/13	12:54:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/13	12:55:00.0	AOCS_OrE-point_Start_11_OG [0x0a1]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2021/08/13	12:55:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 23 8d 01	b2	
2021/08/13	12:55:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/08/13	12:55:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/08/13	12:55:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/08/13	12:55:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/08/13	12:57:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/13	12:57:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2021/08/13	12:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/08/13	13:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/13	13:19:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/13	13:19:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/13	13:20:00.0	AOCS_OrE-point_Start_12_OG [0x0a2]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2021/08/13	13:20:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 1a a7 01	b2	
2021/08/13	13:20:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/08/13	13:20:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/08/13	13:20:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/08/13	13:20:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/08/13	13:22:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/13	13:22:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2021/08/13	13:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/08/13	14:10:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/13	14:10:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/13	14:10:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/13	14:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/08/13	14:33:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/08/13	14:33:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/13	14:33:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/13	14:34:00.0	AOCS_OrE-point_Start_13_OG [0x0a3]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
			AOCU_NM	5	02-76	00 11 ca 01	b2	

Aug 12, 21 13:42

## XRT\_OGLIST\_0808.chk

Page 7/12

2021/08/13	14:34:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/08/13	14:34:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/08/13	14:34:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/08/13	14:34:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/13	14:34:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/13	14:36:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	13			
2021/08/13	14:36:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2021/08/13	14:37:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/13	14:58:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/13	14:58:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/13	14:58:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2021/08/13	14:59:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]							
		AOCU_NM	5	02-76	00	08	e5	01	b2
2021/08/13	14:59:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/08/13	14:59:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/08/13	14:59:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/08/13	14:59:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/13	14:59:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/13	15:01:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	13			
2021/08/13	15:01:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2021/08/13	15:02:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/13	15:49:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/13	15:49:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/13	15:49:04.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/13	15:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/13	16:25:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/13	16:25:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/13	16:25:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2021/08/13	16:26:00.0	AOCS_ORe-point_Start_15_OG [0x0a5]							
		AOCU_NM	5	02-76	00	00	e5	01	b2
2021/08/13	16:26:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/08/13	16:26:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/08/13	16:26:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/08/13	16:26:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/13	16:26:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/13	16:28:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	13			
2021/08/13	16:28:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2021/08/13	16:29:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/13	16:50:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/13	16:50:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/13	16:50:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2021/08/13	16:51:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	00	f8	00	01	b2
2021/08/13	16:51:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/08/13	16:51:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/08/13	16:51:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/08/13	16:51:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/13	16:51:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/13	16:53:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	13			
2021/08/13	16:53:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							

2021/08/13	16:54:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/13	17:27:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	17:27:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/13	17:27:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/08/13	17:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/08/13	17:52:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	17:52:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	17:52:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2021/08/13	17:53:00.0	AOCS_Ore-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 00 00 00	00
2021/08/13	17:53:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2021/08/13	17:53:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2021/08/13	17:53:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/08/13	17:55:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10
2021/08/13	18:02:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	18:02:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	18:02:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2021/08/13	18:03:00.0	AOCS_Ore-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00 ef 1b 01	b2
2021/08/13	18:03:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2021/08/13	18:03:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/08/13	18:03:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/08/13	18:03:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/08/13	18:03:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/13	18:05:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13
2021/08/13	18:05:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2021/08/13	18:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/13	18:27:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	18:27:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	18:27:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2021/08/13	18:28:00.0	AOCS_Ore-point_Start_18_OG [0x0a8]	AOCU_NM	5	02-76	00 e6 36 01	b2
2021/08/13	18:28:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2021/08/13	18:28:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/08/13	18:28:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/08/13	18:28:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/08/13	18:28:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/13	18:30:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13
2021/08/13	18:30:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2021/08/13	18:31:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/13	19:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	19:05:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/13	19:05:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/08/13	19:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/08/13	19:38:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	19:38:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	19:38:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2021/08/13	19:39:00.0	AOCS_Ore-point_Start_19_OG [0x0a9]	AOCU_NM	5	02-76	00 dd 59 01	b2
2021/08/13	19:39:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	

Aug 12, 21 13:42

## XRT\_OGLIST\_0808.chk

Page 9/12

2021/08/13	19:39:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/08/13	19:39:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/08/13	19:39:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/08/13	19:39:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/13	19:41:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13
2021/08/13	19:41:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2021/08/13	19:42:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/13	20:03:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	20:03:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	20:03:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2021/08/13	20:04:00.0	AOCS_OrE-point_Start_20_OG [0x0aa]	AOCU_NM	5	02-76	00	d4 73 01 b2
2021/08/13	20:04:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2021/08/13	20:04:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/08/13	20:04:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/08/13	20:04:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/08/13	20:04:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/13	20:06:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13
2021/08/13	20:06:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2021/08/13	20:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/13	20:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	20:44:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/13	20:44:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/08/13	20:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/08/13	21:15:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	21:15:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	21:15:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2021/08/13	21:16:00.0	AOCS_OrE-point_Start_21_OG [0x0ab]	AOCU_NM	5	02-76	00	cb 8e 01 b2
2021/08/13	21:16:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2021/08/13	21:16:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/08/13	21:16:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/08/13	21:16:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/08/13	21:16:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/13	21:18:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13
2021/08/13	21:18:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2021/08/13	21:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/13	21:40:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	21:40:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/13	21:40:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2021/08/13	21:41:00.0	AOCS_OrE-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	00	c2 a8 01 b2
2021/08/13	21:41:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2021/08/13	21:41:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/08/13	21:41:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/08/13	21:41:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/08/13	21:41:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/13	21:43:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13
2021/08/13	21:43:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2021/08/13	21:44:00.0	XRT_CTRL_AUTO_408_OG [0x198]					



Aug 12, 21 13:42

## XRT\_OGLIST\_0808.chk

Page 10/12

2021/08/13	22:22:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/08/13	22:22:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	da			
			MDP_XRT_FLD_RESET	1	07-F0	da			
2021/08/13	22:22:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/08/13	22:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/08/13	22:52:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/08/13	22:52:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/08/13	22:52:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2021/08/13	22:53:00.0	AOCS_ORe-point_Start_23_OG [0x0ad]	AOCU_NM	5	02-76	00 b9 cb 01 b2			
			AOCU_NM	5	02-76	00 b9 cb 01 b2			
2021/08/13	22:53:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
			MDP_XRT_FLD_ENA	1	07-F0	d8			
2021/08/13	22:53:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2021/08/13	22:53:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
			MDP_XRT_AEC_RESET	1	07-F0	d0			
2021/08/13	22:53:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2021/08/13	22:53:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da			
			MDP_XRT_FLD_RESET	1	07-F0	da			
2021/08/13	22:55:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13			
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 13			
2021/08/13	22:55:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04			
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 04			
2021/08/13	22:56:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/08/13	23:17:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/08/13	23:17:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/08/13	23:17:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2021/08/13	23:18:00.0	AOCS_ORe-point_Start_24_OG [0x0ae]	AOCU_NM	5	02-76	00 b0 e6 01 b2			
			AOCU_NM	5	02-76	00 b0 e6 01 b2			
2021/08/13	23:18:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
			MDP_XRT_FLD_ENA	1	07-F0	d8			
2021/08/13	23:18:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2021/08/13	23:18:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
			MDP_XRT_AEC_RESET	1	07-F0	d0			
2021/08/13	23:18:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2021/08/13	23:18:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da			
			MDP_XRT_FLD_RESET	1	07-F0	da			
2021/08/13	23:20:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13			
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 13			
2021/08/13	23:20:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04			
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 04			
2021/08/13	23:21:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/08/14	00:01:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/08/14	00:01:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
			MDP_XRT_FLD_RESET	1	07-F0	da			
2021/08/14	00:01:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/08/14	00:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/08/14	00:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/08/14	00:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/08/14	00:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2021/08/14	00:30:00.0	AOCS_ORe-point_Start_25_OG [0x0af]	AOCU_NM	5	02-76	03 00 00 00 00			
			AOCU_NM	5	02-76	03 00 00 00 00			
2021/08/14	00:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
			MDP_XRT_FLD_ENA	1	07-F0	d8			
2021/08/14	00:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2021/08/14	00:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
			MDP_XRT_AEC_RESET	1	07-F0	d0			
2021/08/14	00:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2021/08/14	00:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da			
			MDP_XRT_FLD_RESET	1	07-F0	da			
2021/08/14	00:32:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07			
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 07			
2021/08/14	00:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04			
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 04			
2021/08/14	00:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/08/14	01:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/08/14	01:39:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
			MDP_XRT_FLD_RESET	1	07-F0	da			

2021/08/14	01:39:34.0	XRT_PREFLR_STRT_431_OG [0x1af]									
		MDP_XRT_PREFLR_STRT	1	07-F0	e8						
2021/08/14	01:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]									
		MDP_XRT_PREFLR_STOP	1	07-F0	e9						
2021/08/14	02:01:00.0	XRT_Custom_430_OG [0x1ae]									
2021/08/14	02:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]									
		MDP_XRT_CTRL_AUTO	1	07-F0	c0						
2021/08/14	03:05:30.0	XRT_CTRL_MANU_400_OG [0x190]									
		MDP_XRT_CTRL_MANU	1	07-F0	c1						
2021/08/14	03:05:32.0	XRT_FLD_RESET_415_OG [0x19f]									
		MDP_XRT_FLD_RESET	1	07-F0	da						
2021/08/14	03:05:34.0	XRT_PREFLR_STRT_431_OG [0x1af]									
		MDP_XRT_PREFLR_STRT	1	07-F0	e8						
2021/08/14	03:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]									
		MDP_XRT_PREFLR_STOP	1	07-F0	e9						
2021/08/14	03:29:54.0	XRT_CTRL_MANU_402_OG [0x192]									
		MDP_XRT_CTRL_MANU	1	07-F0	c1						
2021/08/14	03:29:56.0	XRT_CTRL_MANU_402_OG [0x192]									
		MDP_XRT_CTRL_MANU	1	07-F0	c1						
2021/08/14	03:29:58.0	XRT_FOCUS_POSITION_406_OG [0x196]									
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00						
2021/08/14	03:30:00.0	AOCs_OrE-point_Start_8_OG [0x09e]									
		AOCU_NM	5	02-76	00 00 00 00 00						
2021/08/14	03:30:18.0	XRT_FLD_ENA_411_OG [0x19b]									
		MDP_XRT_FLD_ENA	1	07-F0	d8						
2021/08/14	03:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]									
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8						
2021/08/14	03:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]									
		MDP_XRT_AEC_RESET	1	07-F0	d0						
2021/08/14	03:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]									
		MDP_XRT_ARS_DIS	1	07-F0	d5						
2021/08/14	03:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]									
		MDP_XRT_FLD_RESET	1	07-F0	da						
2021/08/14	03:32:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]									
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08						
2021/08/14	03:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]									
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04						
2021/08/14	03:39:30.0	XRT_Custom_430_OG [0x1ae]									
2021/08/14	03:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]									
		MDP_XRT_CTRL_AUTO	1	07-F0	c0						
2021/08/14	04:35:00.0	XRT_CTRL_MANU_400_OG [0x190]									
		MDP_XRT_CTRL_MANU	1	07-F0	c1						
2021/08/14	04:35:02.0	XRT_FLD_RESET_415_OG [0x19f]									
		MDP_XRT_FLD_RESET	1	07-F0	da						
2021/08/14	04:35:04.0	XRT_PREFLR_STRT_431_OG [0x1af]									
		MDP_XRT_PREFLR_STRT	1	07-F0	e8						
2021/08/14	04:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]									
		MDP_XRT_PREFLR_STOP	1	07-F0	e9						
2021/08/14	05:17:30.0	XRT_Custom_430_OG [0x1ae]									
2021/08/14	05:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]									
		MDP_XRT_CTRL_AUTO	1	07-F0	c0						
2021/08/14	06:13:30.0	XRT_CTRL_MANU_400_OG [0x190]									
		MDP_XRT_CTRL_MANU	1	07-F0	c1						
2021/08/14	06:13:32.0	XRT_FLD_RESET_415_OG [0x19f]									
		MDP_XRT_FLD_RESET	1	07-F0	da						
2021/08/14	06:13:34.0	XRT_PREFLR_STRT_431_OG [0x1af]									
		MDP_XRT_PREFLR_STRT	1	07-F0	e8						
2021/08/14	06:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]									
		MDP_XRT_PREFLR_STOP	1	07-F0	e9						
2021/08/14	06:56:00.0	XRT_Custom_430_OG [0x1ae]									
2021/08/14	06:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]									
		MDP_XRT_CTRL_AUTO	1	07-F0	c0						
2021/08/14	07:19:54.0	XRT_CTRL_MANU_402_OG [0x192]									
		MDP_XRT_CTRL_MANU	1	07-F0	c1						
2021/08/14	07:19:56.0	XRT_CTRL_MANU_402_OG [0x192]									
		MDP_XRT_CTRL_MANU	1	07-F0	c1						
2021/08/14	07:19:58.0	XRT_FOCUS_POSITION_406_OG [0x196]									
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00						
2021/08/14	07:20:18.0	XRT_FLD_DIS_409_OG [0x199]									
		MDP_XRT_FLD_DIS	1	07-F0	d9						
2021/08/14	07:20:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]									
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9						
2021/08/14	07:20:22.0	XRT_ARS_DIS_420_OG [0x1a4]									
		MDP_XRT_ARS_DIS	1	07-F0	d5						
2021/08/14	07:22:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]									
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10						
2021/08/14	07:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]									
		MDP_XRT_CTRL_AUTO	1	07-F0	c0						
2021/08/14	07:29:54.0	XRT_CTRL_MANU_402_OG [0x192]									
		MDP_XRT_CTRL_MANU	1	07-F0	c1						
2021/08/14	07:29:56.0	XRT_CTRL_MANU_402_OG [0x192]									
		MDP_XRT_CTRL_MANU	1	07-F0	c1						
2021/08/14	07:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]									
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00						
2021/08/14	07:30:00.0	AOCs_OrE-point_Start_1_OG [0x097]									
		AOCU_NM	5	02-76	02 05 0e 01 ca						
2021/08/14	07:30:18.0	XRT_FLD_ENA_411_OG [0x19b]									
		MDP_XRT_FLD_ENA	1	07-F0	d8						
2021/08/14	07:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]									
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8						
2021/08/14	07:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]									
		MDP_XRT_AEC_RESET	1	07-F0	d0						
2021/08/14	07:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]									

Aug 12, 21 13:42

## XRT\_OGLIST\_0808.chk

Page 12/12

2021/08/14	07:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
			MDP_XRT_FLD_RESET	1	07-F0	da
2021/08/14	07:32:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2021/08/14	07:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2021/08/14	07:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/08/14	07:53:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/14	07:53:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/08/14	07:53:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/08/14	07:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/08/14	08:34:30.0	XRT_Custom_430_OG [0x1ae]				
2021/08/14	08:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/08/14	09:33:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/14	09:33:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/08/14	09:33:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/08/14	09:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/08/14	10:13:00.0	XRT_Custom_430_OG [0x1ae]				
2021/08/14	10:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/08/14	10:55:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/14	11:13:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 00 00 00 00