

XRT Timeline to be uploaded on 2016/12/13

Period: 2016/12/13 10:29:00 - 2016/12/17 10:55:00

* * * * *

Normal mode

* * * * *

XOB #1AFE: 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							
12/13 10:42:00 - 12/13 11:59:54		Fixed (-950.0, 150.0)					# OP start + 10min AR observation							
12/14 02:03:00 - 12/14 05:59:54		Track (-781.9, 139.2) @ 12/14 02:00:00					AR observation (East limb)							
12/14 16:03:00 - 12/14 18:01:54		Track (-814.8, 153.0) @ 12/14 16:00:00					AR observations with IRIS.							
12/14 18:15:00 - 12/15 05:31:54		Track (-803.7, 153.4) @ 12/14 18:12:00					AR observations with IRIS.							
12/15 05:45:00 - 12/15 09:51:45		Track (-603.5, 144.0) @ 12/15 05:42:00					AR obs.							
PROG= 08 Inf.-time(s)														
Subr= 1		1-time(s)		2.0sec										
Seqn= 56		1-time(s)		2.0sec										
Open/G-band		Open/G-band	open	Safe	Norm	3ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec	
Open/G-band		Open/G-band	close	Safe	Norm	3ms	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	
Subr= 2		5-time(s)		2.0sec										
Seqn= 75		1-time(s)		2.0sec										
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	
Seqn= 53		4-time(s)		180.0sec										
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	55.0sec	
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	55.0sec	
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		

XOB #1AFF: 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								
12/13 12:03:00 - 12/13 16:19:54			Fixed (-950.0, 211.0)			HOP 328 with ALMA (East limb)(12:47-15:51)								
12/13 16:43:00 - 12/13 20:01:30			Fixed (-950.0, 211.0)			HOP 328 with ALMA (East limb) (17:00-20:04)								
PROG= 01 Inf.-time(s)														
Subr= 1		1-time(s)		2.0sec										
Seqn= 56		1-time(s)		2.0sec										
Open/G-band		Open/G-band	open	Safe	Norm	3ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec	
Open/G-band		Open/G-band	close	Safe	Norm	3ms	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	
Subr= 2		5-time(s)		2.0sec										
Seqn= 75		1-time(s)		2.0sec										
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	
Seqn= 96		4-time(s)		60.0sec										
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	15.0sec	
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	15.0sec	
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		

XOB #1B15: Synoptic 7 Filter w/ Al-mesh(24/256/2897), Al-poly(45/512/4096), Thin-Be(181/2048/11571) - Thick-Be(65536), Al-poly+Ti-poly(512/4096), Med-Al														
Term		Pointing (x, y)					Comment							
12/13 16:23:00 - 12/13 16:39:54		Fixed (0.0, 0.0)					synoptic , shifted a few hours							
PROG= 18		1-time(s)												
Subr= 1		1-time(s)					2.0sec							
Seqn= 5		1-time(s)					2.0sec							
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	
Seqn= 1		1-time(s)					2.0sec							
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	
Seqn= 99		1-time(s)					2.0sec							
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	

Seqn= 67 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 54 1-time(s) 4.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	3ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 46 2-time(s) 2.0sec												
Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 58 2-time(s) 2.0sec												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 71 2-time(s) 2.0sec												
med-Al/Open	med-Al/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
med-Al/Open	med-Al/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (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	

XOB #1B3F: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (2x2,1ms) - Leak (2x2,1ms) - 90s cad (G-band/Leak first)												
Term		Pointing (x, y)		Comment								
12/13 20:33:00 - 12/13 20:46:54		Fixed (936.0, 0.0)		HOP 130 1/15								
12/13 20:50:00 - 12/13 21:02:54		Fixed (468.0, 0.0)		2/15								
12/13 21:06:00 - 12/13 21:18:54		Fixed (0.0, 0.0)		3/15								
12/13 21:22:00 - 12/13 21:39:00		Fixed (-468.0, 0.0)		4/15								
12/13 22:10:30 - 12/13 22:23:24		Fixed (-936.0, 0.0)		5/15								
12/13 22:26:30 - 12/13 22:33:24		Fixed (815.0, 470.0)		6/15								
12/13 22:36:30 - 12/13 22:49:24		Fixed (411.0, 847.0)		7/15								
12/13 22:52:30 - 12/13 23:16:00		Fixed (0.0, 941.0)		8/15								
12/13 23:42:30 - 12/14 00:05:24		Fixed (-411.0, 847.0)		9/15								
12/14 00:08:30 - 12/14 00:15:24		Fixed (815.0, -470.0)		11/15								
12/14 00:18:30 - 12/14 00:31:24		Fixed (411.0, -847.0)		12/15								
12/14 00:34:30 - 12/14 00:51:30		Fixed (0.0, -941.0)		13/15								
12/14 01:09:00 - 12/14 01:21:54		Fixed (-411.0, -847.0)		14/15								
12/14 01:25:00 - 12/14 01:59:54		Fixed (-815.0, -471.0)		HOP 130 15/15								

PROG= 09 Inf.-time(s)												
Subr= 1 1-time(s) 2.0sec												
Seqn= 26 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 40-time(s) 90.0sec												
Seqn= 8 1-time(s) 2.0sec												
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
Seqn= 6 1-time(s) 2.0sec												
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 #1B14: Synoptic Q95 2x2 - Al/mesh(24/256/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + Ti												
Term		Pointing (x, y)		Comment								
12/14 06:03:00 - 12/14 06:29:54		Fixed (0.0, 0.0)		synoptic								
12/14 18:05:00 - 12/14 18:11:54		Fixed (0.0, 0.0)		synoptic, shifted 2.0 min								
12/15 05:35:00 - 12/15 05:41:54		Fixed (0.0, 0.0)		synoptic, shifted -28.0 min								

PROG= 14 1-time(s)												
Subr= 1 1-time(s) 2.0sec												
Seqn= 5 1-time(s) 2.0sec												
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
Seqn= 1 1-time(s) 2.0sec												
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
Seqn= 99 1-time(s) 2.0sec												
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
Seqn= 67 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 54 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	3ms	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 #1B4D: HOP81/206 2-filter - Al/poly 8s, Al/mesh 6s 60s cadence, G-band - 384x384 3ms															
Term			Pointing (x, y)						Comment						
12/14 06:33:00 - 12/14 11:59:54			Track (379.8, 73.2) @ 12/14 06:30:00						CH observations.						
PROG= 04 Inf.-time(s)															
┌	Subr= 1		1-time(s)		2.0sec										
	└	Seqn= 9		2-time(s)		2.0sec									
		Open/G-band		Open/G-band		close	Safe	Norm	3ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0 0 2.0sec	
	┌	Subr= 2		1-time(s)		2.0sec									
		Seqn= 7		1-time(s)		30.0sec									
	Open/G-band		Open/G-band		open	Safe	Norm	3ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0 0 2.0sec		
	┌	Subr= 3		30-time(s)		2.0sec									
└		Seqn= 24		1-time(s)		60.0sec									
		Open/Al-mesh		Open/thick-Al		close	Safe	Norm	5.66s	Obs	1x1	384x384 (1064, 1048)	Q=90	0 0 2.0sec	
Al-poly/Open		Al-poly/Open		close	Safe	Norm	8.00s	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		

XOB #1B5B: QS (Filter-Ratio with Al/poly and Al/mesh), 384FOV at 1064, 1048 with G-band (3ms/3ms leak) 30s cad - AEC0- HOP328-2															
Term			Pointing (x, y)					Comment							
12/14 12:03:00 - 12/14 15:46:30			Fixed (0.0, -980.0)					HOP 328 with ALMA (South pole)(12:48-15:51)							
PROG= 20 Inf.-time(s)															
Subr= 1		1-time(s)		2.0sec											
Seqn= 56		1-time(s)		2.0sec											
		Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	384x384 (1064, 1048)		DPCM	0	0	2.0sec
		Open/G-band	Open/G-band	close	Safe	Norm	3ms	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
Subr= 2		1-time(s)		2.0sec											
Seqn= 37		30-time(s)		30.0sec											
		Open/Al-mesh	Open/thick-Al	close	Safe	Norm	5.66s	Obs	1x1	384x384 (1064, 1048)		Q=95	0	0	2.0sec
		Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1064, 1048)		Q=95	0	0	2.0sec
		Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC	Buffer	Interval

* * * * *

Flare mode

* * * * *

XOB #1AE7: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Al/thick), AEC 3(thin-Be AEC2), 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512)													
Term			Pointing (x, y)			Comment							
12/13 10:42:00 - 12/13 11:59:54			Fixed (-950.0, 150.0)			# OP start + 10min AR observation							
12/13 12:03:00 - 12/13 16:19:54			Fixed (-950.0, 211.0)			HOP 328 with ALMA (East limb)(12:47-15:51)							
12/13 16:43:00 - 12/13 20:01:30			Fixed (-950.0, 211.0)			HOP 328 with ALMA (East limb) (17:00-20:04)							
12/13 20:33:00 - 12/13 20:46:54			Fixed (936.0, 0.0)			HOP 130 1/15							
12/13 20:50:00 - 12/13 21:02:54			Fixed (468.0, 0.0)			2/15							
12/13 21:06:00 - 12/13 21:18:54			Fixed (0.0, 0.0)			3/15							
12/13 21:22:00 - 12/13 21:39:00			Fixed (-468.0, 0.0)			4/15							
12/13 22:10:30 - 12/13 22:23:24			Fixed (-936.0, 0.0)			5/15							
12/13 22:26:30 - 12/13 22:33:24			Fixed (815.0, 470.0)			6/15							
12/13 22:36:30 - 12/13 22:49:24			Fixed (411.0, 847.0)			7/15							
12/13 22:52:30 - 12/13 23:16:00			Fixed (0.0, 941.0)			8/15							
12/13 23:42:30 - 12/14 00:05:24			Fixed (-411.0, 847.0)			9/15							
12/14 00:08:30 - 12/14 00:15:24			Fixed (815.0, -470.0)			11/15							
12/14 00:18:30 - 12/14 00:31:24			Fixed (411.0, -847.0)			12/15							
12/14 00:34:30 - 12/14 00:51:30			Fixed (0.0, -941.0)			13/15							
12/14 01:09:00 - 12/14 01:21:54			Fixed (-411.0, -847.0)			14/15							
12/14 01:25:00 - 12/14 01:59:54			Fixed (-815.0, -471.0)			HOP 130 15/15							
12/14 02:03:00 - 12/14 05:59:54			Track (-781.9, 139.2) @ 12/14 02:00:00			AR observation (East limb)							
12/14 06:33:00 - 12/14 11:59:54			Track (379.8, 73.2) @ 12/14 06:30:00			CH observations.							
12/14 12:03:00 - 12/14 15:46:30			Fixed (0.0, -980.0)			HOP 328 with ALMA (South pole)(12:48-15:51)							
12/14 16:03:00 - 12/14 18:01:54			Track (-814.8, 153.0) @ 12/14 16:00:00			AR observations with IRIS.							
12/14 18:15:00 - 12/15 05:31:54			Track (-803.7, 153.4) @ 12/14 18:12:00			AR observations with IRIS.							
12/15 05:45:00 - 12/15 09:51:45			Track (-603.5, 144.0) @ 12/15 05:42:00			AR obs.							

PROG= 07 30-time(s)

Subr= 1		20-time(s)		2.0sec									
Seqn= 11		1-time(s)		2.0sec									
Al-poly/Open		Al-poly/thick-Al		close		Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2 0 2.0sec
Seqn=100		1-time(s)		10.0sec									
thin-Be/Open		med-Be/Open		close		Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)	Q=95	2 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-Al		Open/thick-Be		close		Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3 0 2.0sec
Subr= 2		1-time(s)		2.0sec									
Seqn= 10		1-time(s)		2.0sec									
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
Seqn= 11		1-time(s)		2.0sec									
Al-poly/Open		Al-poly/thick-Al		close		Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2 0 2.0sec
Seqn= 84		1-time(s)		2.0sec									
Open/G-band		Open/G-band		open		Safe	Norm	3ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0 0 2.0sec
Open/G-band		Open/G-band		close		Safe	Norm	3ms	Obs	1x1	384x384 (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

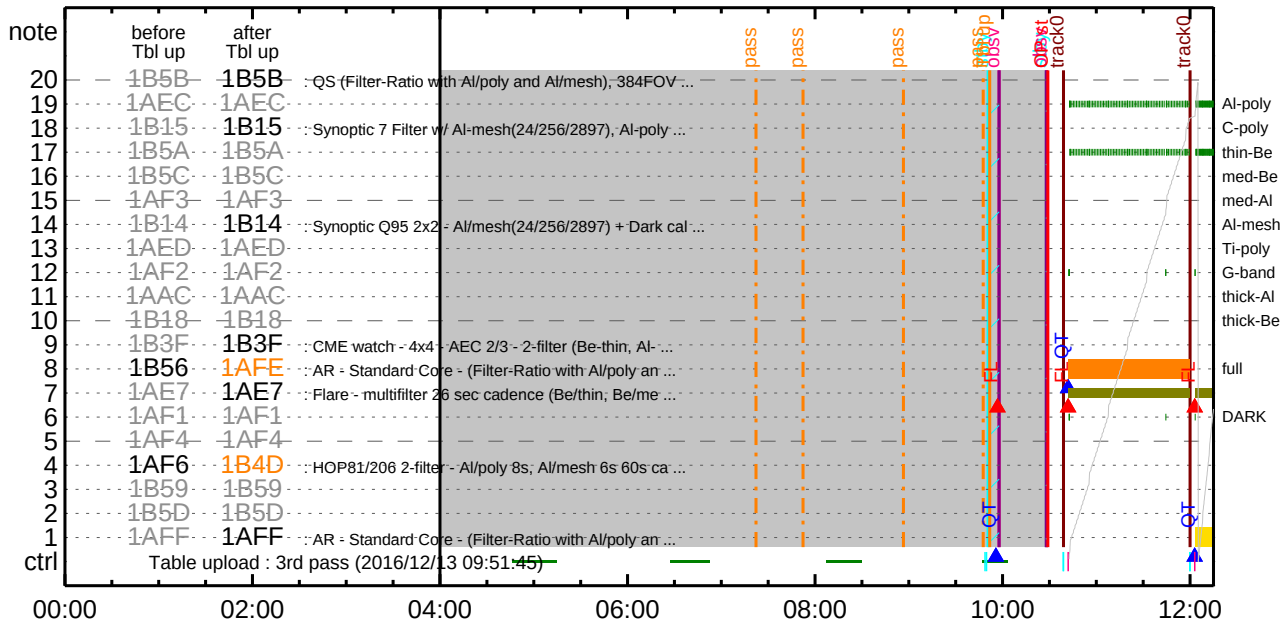
* * * * *

Flare Detection

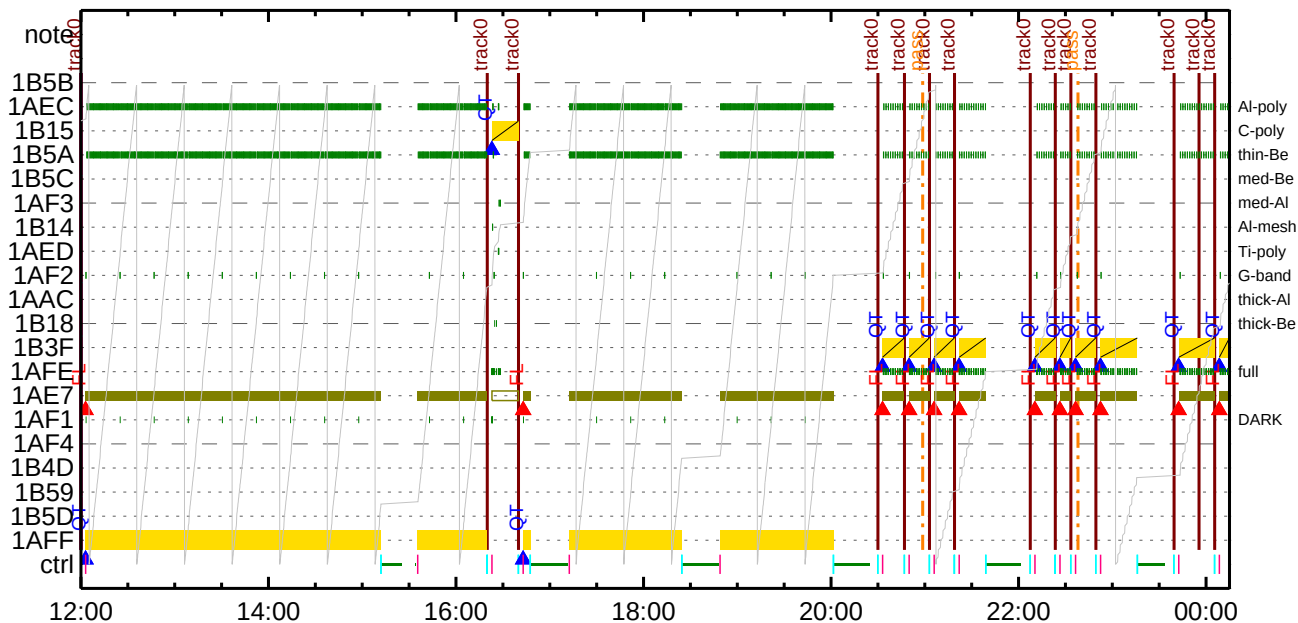
* * * * *

FLD Patrol											
Term			Pointing (x, y)					Comment			
12/13 16:40:18 - 12/14 06:00:18			Fixed (-950.0, 211.0)					HOP 328 with ALMA (East limb) (17:00-20:04)			
12/14 06:30:18 - 12/14 18:02:18			Track (379.8, 73.2) @ 12/14 06:30:00					CH observations.			
12/14 18:12:18 - 12/15 05:32:18			Track (-803.7, 153.4) @ 12/14 18:12:00					AR observations with IRIS.			
12/15 05:42:18 - 12/17 10:55:00			Track (-603.5, 144.0) @ 12/15 05:42:00					AR obs.			
Open/Ti-poly		Open/thick-Al	close	Safe	Norm	8ms	Obs	8x8	Q=50		30sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

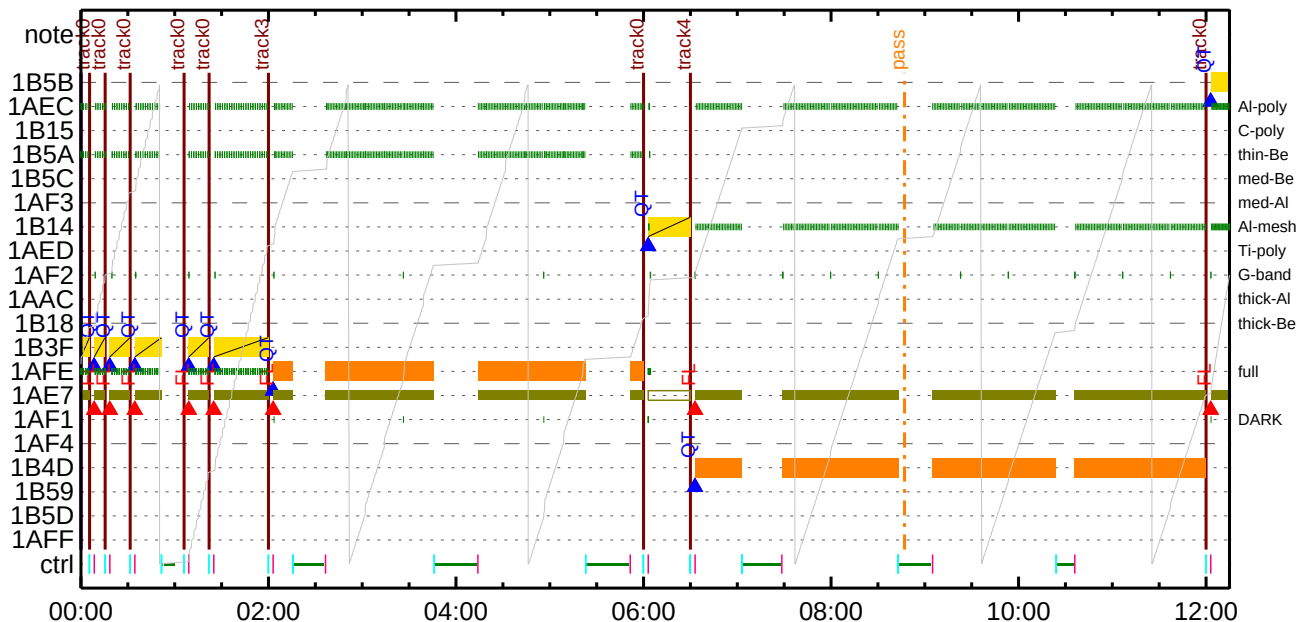
CMDI #0381 2016/12/13



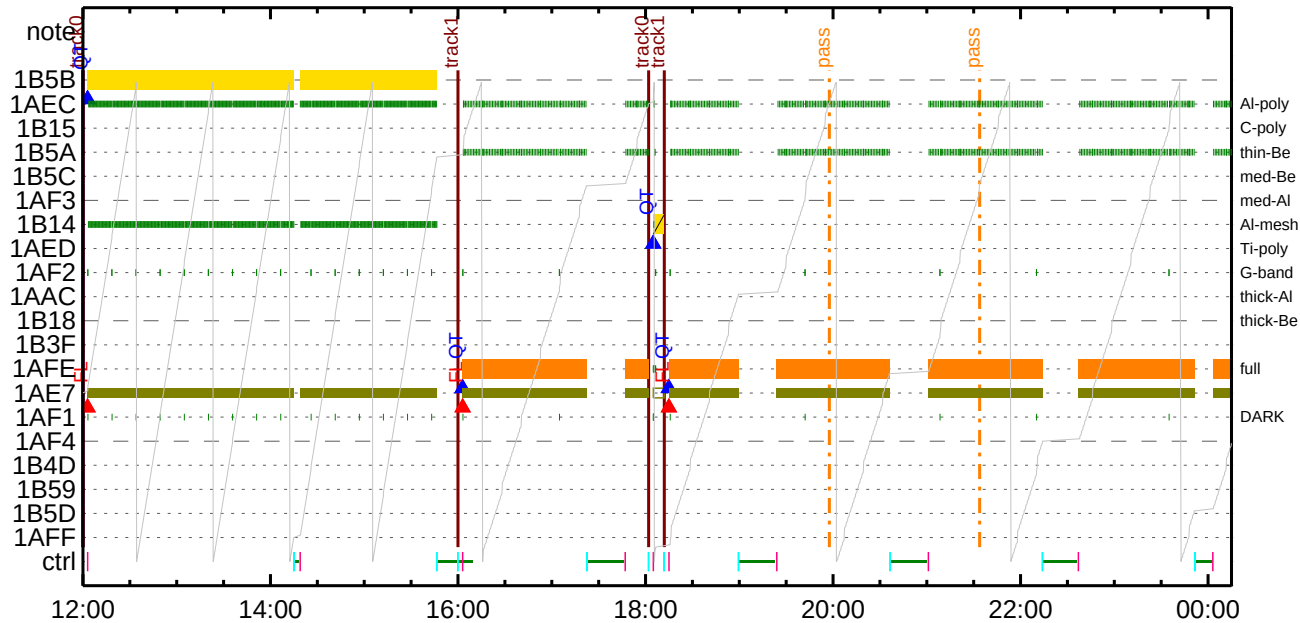
CMDI #0381 2016/12/13



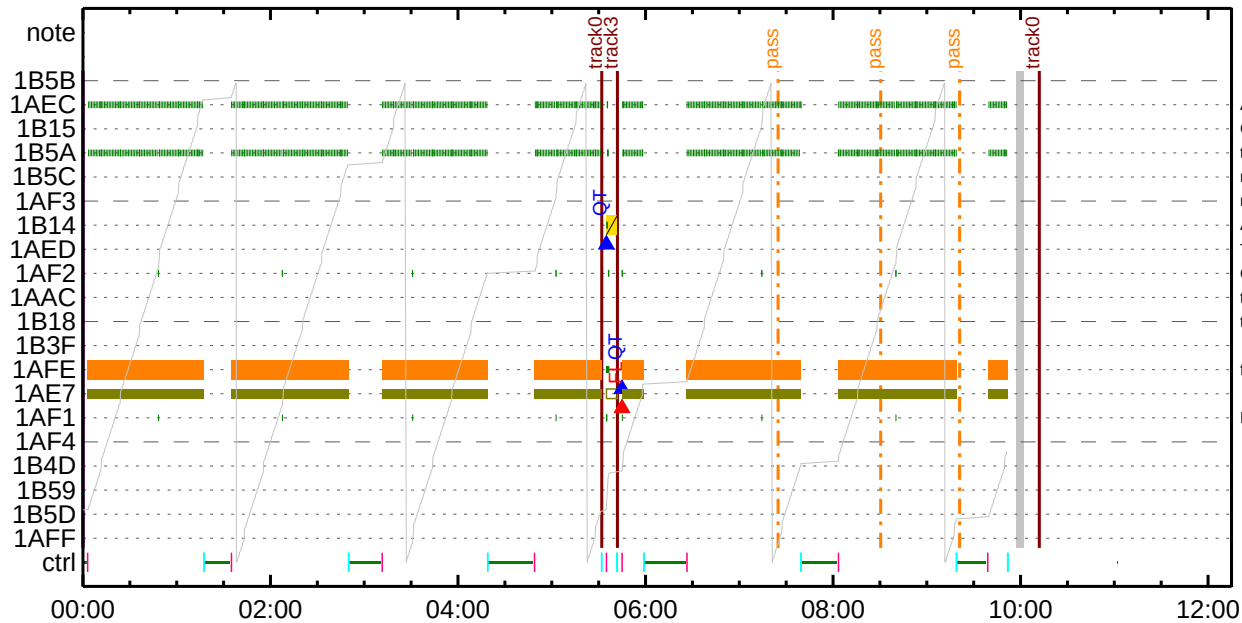
CMDI #0381 2016/12/14



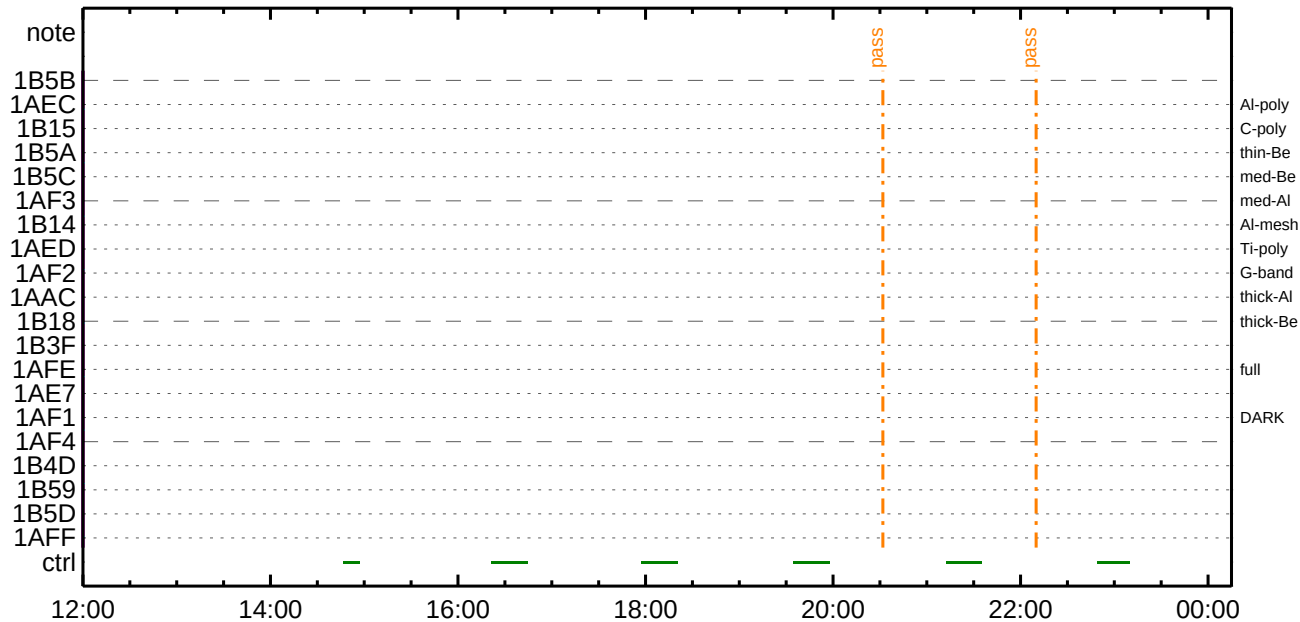
CMDI #0381 2016/12/14



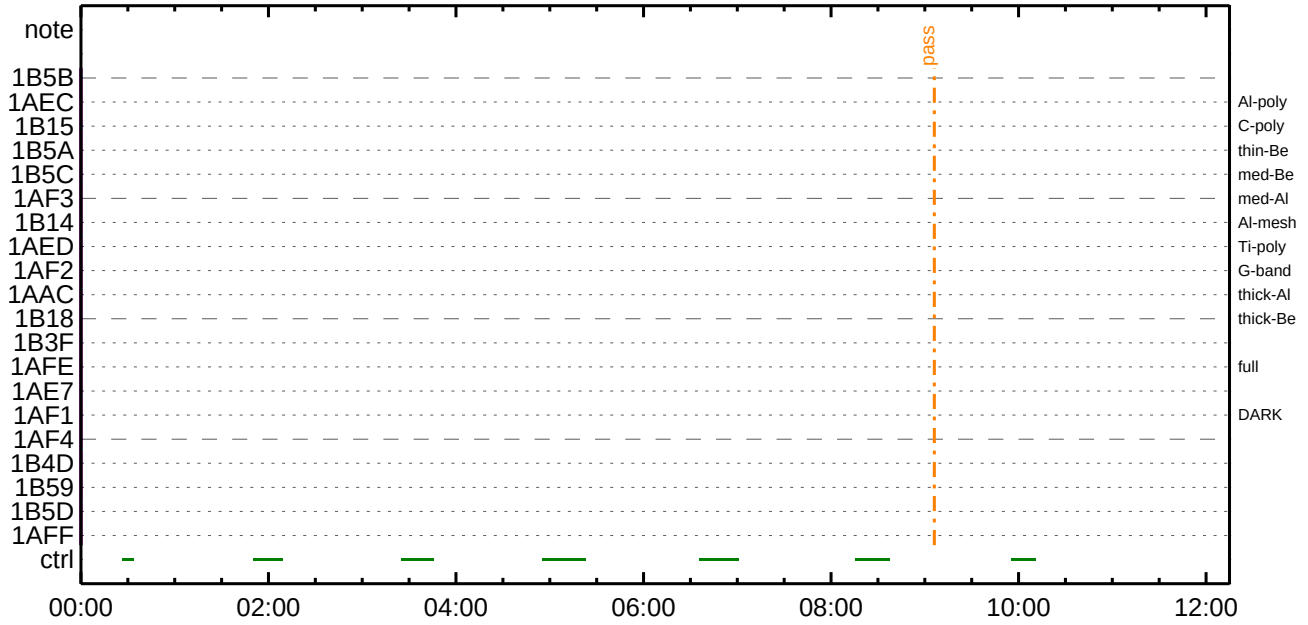
CMDI #0381 2016/12/15



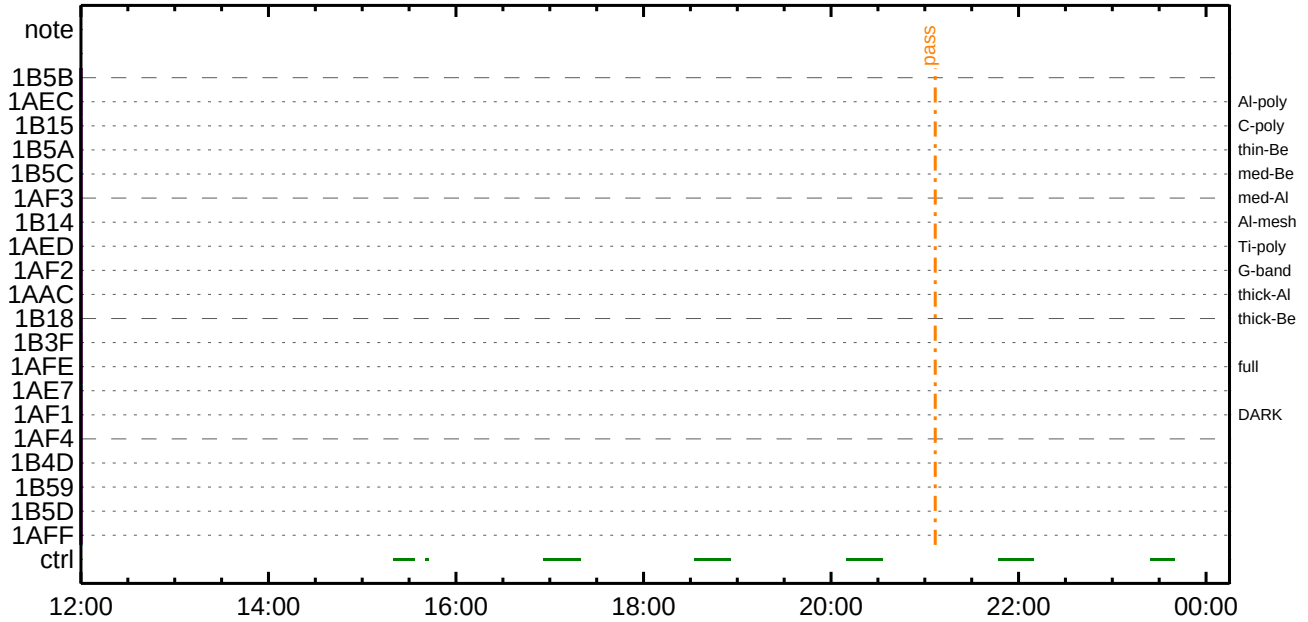
CMDI #0381 2016/12/15



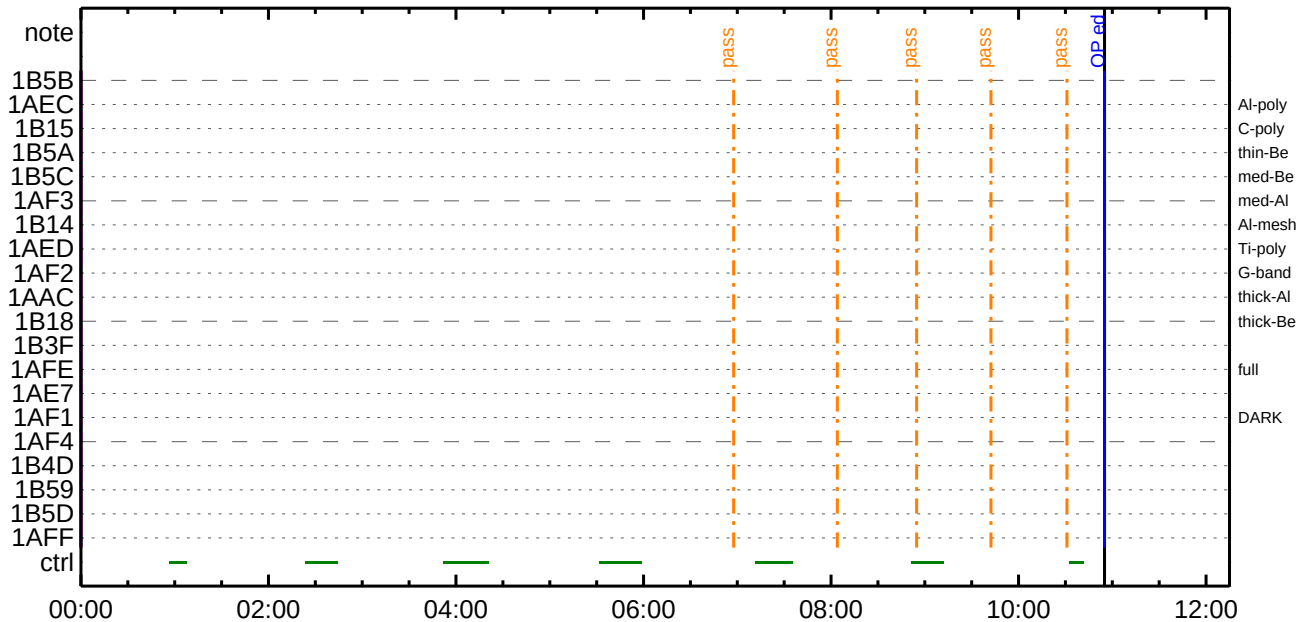
CMDI #0381 2016/12/16



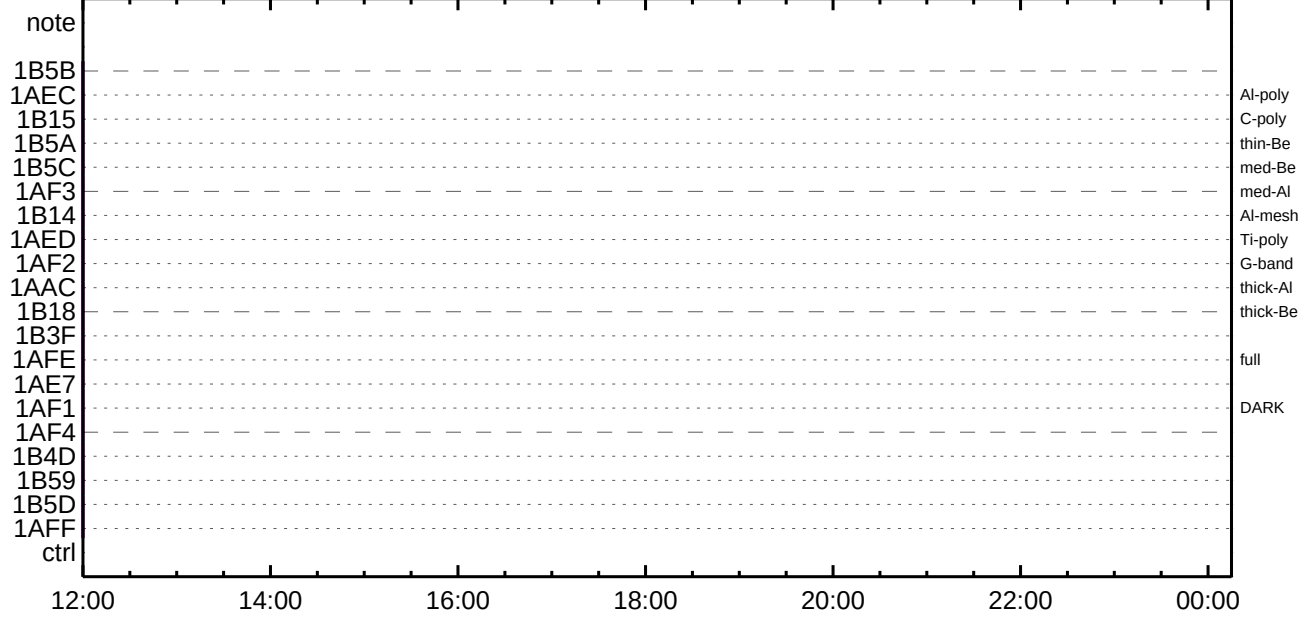
CMDI #0381 2016/12/16



CMDI #0381 2016/12/17



CMDI #0381 2016/12/17




```

0006      C.      0007      C.      0098      C.      0099      +.      0100      DC      0101      C.      0102      C.      0103      +.      0104      DC      0105      C.      0106      C.      0107      +.      0108      DC      0109      C.      0110      C.      0111      +.      0112      DC      0113      C.      0114      C.      0115      C.      0116      C.      0117      C.      0118      C.      0119      C.      0120      C.      0121      C.      0122      C.      0123      C.      0124      C.      0125      C.      0126      +.      0127      BC      0128      C.      0129      C.      0130      C.      0131      C.      0132      C.      0133      +.      0134      BC      0135      C.      0136      C.      0137      C.      0138      C.      0139      C.      0140      C.      0141      C.      0142      C.      0143      C.      0144      C.      0145      C.      0146      C.      0147      +.      0148      BC      0149      C.      0150      C.      0151      C.      0152      C.      0153      C.      0154      C.      0155      C.      0156      C.      0157      C.      0158      +.      0159      DC      0160      BC      0161      C.      0162      C.      0163      C.      0164      C.      0165      C.      0166      C.      0167      C.      0168      C.      0169      C.      0170      C.      0171      +.      0172      DC      0173      BC      0174      +.      0175      DC      0176      BC      0177      C.      0178      C.      0179      C.      0180      C.      0181      C.      0182      C.      0183      C.      0184      +.      0185      DC      0186      BC      0187      C.      0188      C.      0189      C.      0190      C.      0191      C.      0192      C.      0193      S.

```

0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥Ð¥¹•İ Daily±¿İÑ¤Ė´Ø¤¹¤ĖDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ĩăLOS¥Á¥S¥Ā¥¼Ā»Üĭă
0203 C.
0204 . C. ***** LOS *****
0205 C.

(a) Spacecraft Operation Procedure (real-commands)

```
main-300 2016-12-13 14:02:01 128 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. iãAOS¥Á¥S¥Ã¥¼Á»Üjã
0005 C.
0006 C. ¥À¥Bj¼¥³¥D¥Ó¥ÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. ĀiĒ□¿□A□•μ°£»İ×AÇ□İ¥Ç¥A¥×¥İj¼¥ÉjĒĒē½μ•İĒĒjĒ□Ē¼°Ç□□•□¿¼i¹Ç□İjÇÀ®, ū□¹□ē□□□ÇÁ÷¿®□•□Ē□□□³□Ēēj£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop SP table >
0018 +. DC 07-F0 MDP_SP_CTRL_MANU
0019 BC (61)
0020 C. -----
0021 C. MDP_SP_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload SP Observation Table>
0025 . S. RAM ram-283:MDP_OBS_S
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_S >
0029 +. DC 07-F0 MDP_DUMP_SPTBL
0030 BC (83 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_S verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2016-12-13 10:28:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 +. DC 07-F0 MDP_XRT_CTRL_MANU
0052 BC (c1)
0053 +. DC 07-F0 MDP_XRT_MODE_STBY
0054 BC (c3)
0055 . C. ----- Success Verify ? OK / NG_____
0056 C.
0057 C. XRT Obs. Table Upload
0058 . S. RAM ram-291:MDP_OBS_X
0059 ( )
0060 C.
0061 +. DC 07-F0 MDP_DUMP_XRTTBL
0062 BC (84 07 00 00 00 3a d4)
0063 . C. ----- Comparison Check ? OK / ERR _____
0064 C.
0065 C.
0066 +. DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 01 b1 b1 04 04)
0068 +. DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 02 b1 b1 08 08)
0070 +. DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 03 b1 b1 08 08)
0072 +. DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 04 b1 b1 06 06)
0074 +. DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 06 85 83 06 06)
0076 +. DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 07 80 80 20 20)
0078 +. DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 08 80 80 20 08)
0080 +. DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 09 80 80 08 20)
0082 +. DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0f 80 80 06 06)
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 10 80 80 08 08)
0086 +. DC 07-F0 MDP_XRT_FLD_ENA
0087 BC (d8)
0088 +. DC 07-F0 MDP_XRT_FLRCTRL_ENA
0089 BC (c8)
0090 +. DC 07-F0 MDP_XRT_ARS_DIS
0091 BC (d5)
0092 +. DC 07-F0 MDP_XRT_AEC_RESET
0093 BC (d0)
0094 +. DC 07-F0 MDP_XRT_FLD_RESET
0095 BC (da)
```

```

00096 + DC 07-F0 MDP_XRT_QT_PROG_SET
00097 BC (c4 01)
00098 + DC 07-F0 MDP_XRT_FL_PROG_SET
00099 BC (c5 07)
0100 . C. ----- Success Verify ? OK / NG ____
0101 C.
0102 C.
0103 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0104 C.
0105 +. DC 07-F0 MDP_XRT_MODE_OBSV
0106 BC (c2)
0107 +. TI 2016-12-13 10:28:02.0
0108 DC 07-F0 MDP_XRT_MODE_OBSV
0109 BC (c2)
0110 . C. ----- Success Verify ? OK / NG ____
0111 C.
0112 C. ***** XRT END *****
0113 C.
0114 . C. ***** MDP_0ÃiãI»0%YãÊÃðã1ãèDCBC•x²è *****
0115 C. (%ã°i¥0¥Ã¥Ê¥ð¥Ê¥ã¥ç¥è¥½¥ã¥ã¥Ü0ã1ãè)
0116 . S. DC-BC dcbc-402:DCBC
0117 (MDP_known_event)
0118 C.
0119 C.
0120 . C. ***** ¥Ð¥¹•İ Daily±¿İÑãÊ·0ã1ãèDCBC•x²è *****
0121 . S. DC-BC dcbc-153:DCBC
0122 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0123 C.
0124 C.
0125 . C. jãLOS¥Á¥S¥Ã¥¯¼Ã»Üjã
0126 C.
0127 . C. ***** LOS *****
0128 C.

```

Dec 13, 16 14:02

XRT_OGLIST_0381.chk

Page 1/11

*** OP Sequence for XRT ***

2016/12/13	10:38:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	10:38:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	10:38:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/12/13	10:39:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	00 f2 a8 54 72
2016/12/13	10:39:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/13	10:39:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/13	10:39:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/13	10:39:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/13	10:39:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	10:41:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2016/12/13	10:41:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/12/13	10:42:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/13	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	11:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	11:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/12/13	12:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 ed 40 54 72
2016/12/13	12:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/13	12:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/13	12:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/13	12:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/13	12:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	12:02:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2016/12/13	12:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/12/13	12:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/13	15:12:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	15:12:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	15:12:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	15:12:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/13	15:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/13	15:34:30.0	XRT_Custom_430_OG [0x1ae]			
2016/12/13	15:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/13	16:19:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	16:19:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	16:19:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/12/13	16:20:00.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2016/12/13	16:20:18.0	XRT_FLD_DIS_406_OG [0x196]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2016/12/13	16:22:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2016/12/13	16:22:56.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/13	16:22:58.0	XRT_QT_PROG_SET_442_OG [0x1ba]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2016/12/13	16:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/13	16:39:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	16:39:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	16:39:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/12/13	16:40:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 ed 40 54 72
2016/12/13	16:40:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/13	16:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8

Dec 13, 16 14:02

XRT_OGLIST_0381.chk

Page 2/11

2016/12/13	16:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/13	16:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/13	16:40:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	16:42:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2016/12/13	16:42:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/12/13	16:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/13	16:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	16:47:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	16:47:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	16:47:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/13	16:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/13	17:11:30.0	XRT_Custom_430_OG [0x1ae]				
2016/12/13	17:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/13	18:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	18:24:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	18:24:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	18:24:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/13	18:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/13	18:48:00.0	XRT_Custom_430_OG [0x1ae]				
2016/12/13	18:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/13	20:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	20:01:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	20:01:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	20:01:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/13	20:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/13	20:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	20:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	20:29:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/12/13	20:30:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 00 00 ac cd
2016/12/13	20:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/13	20:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/13	20:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/13	20:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/13	20:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	20:32:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2016/12/13	20:32:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/12/13	20:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/13	20:46:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	20:46:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	20:46:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/12/13	20:47:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 00 00 d6 67
2016/12/13	20:47:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/13	20:47:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/13	20:47:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/13	20:47:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/13	20:47:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	20:49:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2016/12/13	20:49:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]				

Dec 13, 16 14:02

XRT_OGLIST_0381.chk

Page 3/11

2016/12/13	20:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/12/13	21:02:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/13	21:02:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	21:02:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	21:03:00.0	AOCS_0Re-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2016/12/13	21:03:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	00 00 00 00
2016/12/13	21:03:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/12/13	21:03:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/12/13	21:03:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/12/13	21:03:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/12/13	21:05:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/13	21:05:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2016/12/13	21:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/12/13	21:18:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/13	21:18:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	21:18:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	21:19:00.0	AOCS_0Re-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2016/12/13	21:19:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	00 00 29 99
2016/12/13	21:19:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/12/13	21:19:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/12/13	21:19:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/12/13	21:19:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/12/13	21:21:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/13	21:21:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2016/12/13	21:22:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/12/13	21:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/13	21:39:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	21:39:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	21:39:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/13	21:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/12/13	22:07:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/12/13	22:07:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	22:07:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	22:07:30.0	AOCS_0Re-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2016/12/13	22:07:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	00 00 53 33
2016/12/13	22:07:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/12/13	22:07:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/12/13	22:07:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/12/13	22:07:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/12/13	22:10:26.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/13	22:10:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2016/12/13	22:10:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/12/13	22:23:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/13	22:23:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	22:23:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	22:23:30.0	AOCS_0Re-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
		AOCU_NM		5	02-76	00	d6 36 b7 8e

Dec 13, 16 14:02

XRT_OGLIST_0381.chk

Page 4/11

2016/12/13	22:23:48.0	XRT_FLD_ENA_411_0G [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/13	22:23:50.0	XRT_FLRCTRL_ENA_412_0G [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/13	22:23:52.0	XRT_AEC_RESET_448_0G [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/13	22:23:54.0	XRT_ARS_DIS_423_0G [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/13	22:23:56.0	XRT_FLD_RESET_433_0G [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	22:26:26.0	XRT_QT_PROG_SET_420_0G [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2016/12/13	22:26:28.0	XRT_FL_PROG_SET_436_0G [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/12/13	22:26:30.0	XRT_CTRL_AUTO_408_0G [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/13	22:33:24.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	22:33:26.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	22:33:28.0	XRT_FOCUS_POSITION_403_0G [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/12/13	22:33:30.0	AOCS_ORe-point_Start_9_0G [0x09f]			
		AOCU_NM	5	02-76	00 b4 b5 db 75
2016/12/13	22:33:48.0	XRT_FLD_ENA_411_0G [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/13	22:33:50.0	XRT_FLRCTRL_ENA_412_0G [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/13	22:33:52.0	XRT_AEC_RESET_448_0G [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/13	22:33:54.0	XRT_ARS_DIS_423_0G [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/13	22:33:56.0	XRT_FLD_RESET_433_0G [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	22:36:26.0	XRT_QT_PROG_SET_420_0G [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2016/12/13	22:36:28.0	XRT_FL_PROG_SET_436_0G [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/12/13	22:36:30.0	XRT_CTRL_AUTO_408_0G [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/13	22:49:24.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	22:49:26.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	22:49:28.0	XRT_FOCUS_POSITION_403_0G [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/12/13	22:49:30.0	AOCS_ORe-point_Start_10_0G [0x0a0]			
		AOCU_NM	5	02-76	00 ac 5b 00 00
2016/12/13	22:49:48.0	XRT_FLD_ENA_411_0G [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/13	22:49:50.0	XRT_FLRCTRL_ENA_412_0G [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/13	22:49:52.0	XRT_AEC_RESET_448_0G [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/13	22:49:54.0	XRT_ARS_DIS_423_0G [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/13	22:49:56.0	XRT_FLD_RESET_433_0G [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	22:52:26.0	XRT_QT_PROG_SET_420_0G [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2016/12/13	22:52:28.0	XRT_FL_PROG_SET_436_0G [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/12/13	22:52:30.0	XRT_CTRL_AUTO_408_0G [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/13	23:16:00.0	XRT_CTRL_MANU_400_0G [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	23:16:02.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	23:16:04.0	XRT_FLD_RESET_415_0G [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	23:16:06.0	XRT_PREFLR_STRT_414_0G [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/13	23:19:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/13	23:39:24.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	23:39:26.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	23:39:28.0	XRT_FOCUS_POSITION_403_0G [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/12/13	23:39:30.0	AOCS_ORe-point_Start_11_0G [0x0a1]			
		AOCU_NM	5	02-76	00 b4 b5 24 8b
2016/12/13	23:39:48.0	XRT_FLD_ENA_411_0G [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/13	23:39:50.0	XRT_FLRCTRL_ENA_412_0G [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/13	23:39:52.0	XRT_AEC_RESET_448_0G [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/13	23:39:54.0	XRT_ARS_DIS_423_0G [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/13	23:39:56.0	XRT_FLD_RESET_433_0G [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	23:42:26.0	XRT_QT_PROG_SET_420_0G [0x1a4]			

Dec 13, 16 14:02

XRT_OGLIST_0381.chk

Page 5/11

2016/12/13	23:42:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2016/12/13	23:42:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/12/13	23:55:30.0	AOCs_0Re-point_Start_12_OG [0x0a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/14	00:05:24.0	XRT_CTRL_MANU_402_OG [0x192]	AOCU_NM	5	02-76	00	d6 36 48 72
2016/12/14	00:05:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/14	00:05:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/14	00:05:30.0	AOCs_0Re-point_Start_13_OG [0x0a3]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2016/12/14	00:05:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	29 ca b7 8e
2016/12/14	00:05:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/12/14	00:05:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/12/14	00:05:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/12/14	00:05:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/12/14	00:08:26.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/14	00:08:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2016/12/14	00:08:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/12/14	00:15:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/14	00:15:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/14	00:15:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/14	00:15:30.0	AOCs_0Re-point_Start_14_OG [0x0a4]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2016/12/14	00:15:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	4b 4b db 75
2016/12/14	00:15:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/12/14	00:15:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/12/14	00:15:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/12/14	00:15:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/12/14	00:18:26.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/14	00:18:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2016/12/14	00:18:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/12/14	00:31:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/14	00:31:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/14	00:31:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/14	00:31:30.0	AOCs_0Re-point_Start_15_OG [0x0a5]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2016/12/14	00:31:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	53 a5 00 00
2016/12/14	00:31:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/12/14	00:31:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/12/14	00:31:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/12/14	00:31:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/12/14	00:34:26.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/14	00:34:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2016/12/14	00:34:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/12/14	00:51:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/14	00:51:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/14	00:51:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/14	00:51:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/14	00:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/12/14	01:05:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/12/14	01:05:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/14			MDP_XRT_CTRL_MANU	1	07-F0	c1	

Dec 13, 16 14:02

XRT_OGLIST_0381.chk

Page 6/11

2016/12/14	01:05:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00	
2016/12/14	01:06:00.0	AOCs_ORe-point_Start_16_OG [0x0a6]			
		AOCU_NM	5	02-76 00 4b 4b 24 8b	
2016/12/14	01:06:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0 d8	
2016/12/14	01:06:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8	
2016/12/14	01:06:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0 d0	
2016/12/14	01:06:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0 d5	
2016/12/14	01:06:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2016/12/14	01:08:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 09	
2016/12/14	01:08:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 07	
2016/12/14	01:09:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2016/12/14	01:21:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/14	01:21:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/14	01:21:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00	
2016/12/14	01:22:00.0	AOCs_ORe-point_Start_17_OG [0x0a7]			
		AOCU_NM	5	02-76 00 29 db 48 72	
2016/12/14	01:22:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0 d8	
2016/12/14	01:22:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8	
2016/12/14	01:22:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0 d0	
2016/12/14	01:22:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0 d5	
2016/12/14	01:22:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2016/12/14	01:24:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 09	
2016/12/14	01:24:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 07	
2016/12/14	01:25:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2016/12/14	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/14	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/14	01:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00	
2016/12/14	02:00:00.0	AOCs_ORe-point_Start_18_OG [0x0a8]			
		AOCU_NM	5	02-76 03 00 00 00 00	
2016/12/14	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0 d8	
2016/12/14	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8	
2016/12/14	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0 d0	
2016/12/14	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0 d5	
2016/12/14	02:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2016/12/14	02:02:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]			
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 08	
2016/12/14	02:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 07	
2016/12/14	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2016/12/14	02:15:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/14	02:15:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/14	02:15:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2016/12/14	02:15:36.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2016/12/14	02:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2016/12/14	02:35:31.5	XRT_Custom_430_OG [0x1ae]			
2016/12/14	02:36:31.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2016/12/14	03:46:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/14	03:46:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/14	03:46:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2016/12/14	03:46:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2016/12/14	03:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2016/12/14	04:13:01.0	XRT_Custom_430_OG [0x1ae]			
2016/12/14	04:14:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]			

Dec 13, 16 14:02

XRT_OGLIST_0381.chk

Page 7/11

2016/12/14	05:23:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/14	05:23:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	05:23:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	05:23:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/14	05:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/14	05:50:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/14	05:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/14	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	05:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/12/14	06:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2016/12/14	06:00:18.0	XRT_FLD_DIS_406_OG [0x196]	MDP_XRT_FLD_DIS	1	07-F0	d9
2016/12/14	06:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2016/12/14	06:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/14	06:02:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2016/12/14	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/14	06:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	06:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	06:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/12/14	06:30:00.0	AOCS_Ore-point_Start_19_OG [0x0a9]	AOCU_NM	5	02-76	04 00 00 00 00
2016/12/14	06:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/14	06:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/14	06:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/14	06:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/14	06:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/14	06:32:56.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2016/12/14	06:32:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/12/14	06:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/14	07:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	07:03:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	07:03:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/14	07:03:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/14	07:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/14	07:27:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/14	07:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	08:43:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	08:43:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	08:43:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/14	08:43:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/14	08:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/14	09:04:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/14	09:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	10:24:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	10:24:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	10:24:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/14	10:24:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/14	10:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/14	10:35:00.0	XRT_Custom_430_OG [0x1ae]				

Dec 13, 16 14:02

XRT_OGLIST_0381.chk

Page 8/11

2016/12/14	10:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/14	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	11:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	11:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/12/14	12:00:00.0	AOCS_ORe-point_Start_20_OG [0x0aa]			
		AOCU_NM	5	02-76	00 57 1a 00 00
2016/12/14	12:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/14	12:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/14	12:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/14	12:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/14	12:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/14	12:02:56.0	XRT_QT_PROG_SET_446_OG [0x1be]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2016/12/14	12:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/12/14	12:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/14	14:15:01.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	14:15:03.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	14:15:05.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/14	14:15:07.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/14	14:18:00.0	XRT_Custom_430_OG [0x1ae]			
2016/12/14	14:18:15.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/14	14:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/14	15:46:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	15:46:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	15:46:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/14	15:46:36.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/14	15:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/14	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	15:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	15:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/12/14	16:00:00.0	AOCS_ORe-point_Start_21_OG [0x0ab]			
		AOCU_NM	5	02-76	01 00 00 00 00
2016/12/14	16:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/14	16:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/14	16:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/14	16:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/14	16:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/14	16:02:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2016/12/14	16:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/12/14	16:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/14	17:22:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	17:22:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	17:22:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/14	17:22:36.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/14	17:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/14	17:46:00.0	XRT_Custom_430_OG [0x1ae]			
2016/12/14	17:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/14	18:01:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	18:01:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/14	18:01:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/12/14	18:02:00.0	AOCS_ORe-point_Start_3_OG [0x099]			

Dec 13, 16 14:02

XRT_OGLIST_0381.chk

Page 9/11

2016/12/14	18:02:18.0	XRT_FLD_DIS_406_OG [0x196]	5	02-76	00	00	00	00	00
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/12/14	18:04:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	1	07-F0	c9				
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/12/14	18:04:56.0	XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0	d5				
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/12/14	18:04:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	2	07-F0	c4	0e			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e			
2016/12/14	18:05:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/14	18:11:54.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1				
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/14	18:11:56.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1				
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/14	18:11:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	4	07-F8	22	fe	97	00	
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2016/12/14	18:12:00.0	AOCS_Ore-point_Start_21_OG [0x0ab]	5	02-76	01	00	00	00	00
		AOCU_NM	5	02-76	01	00	00	00	00
2016/12/14	18:12:18.0	XRT_FLD_ENA_411_OG [0x19b]	1	07-F0	d8				
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/12/14	18:12:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	1	07-F0	c8				
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/12/14	18:12:22.0	XRT_AEC_RESET_448_OG [0x1c0]	1	07-F0	d0				
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/12/14	18:12:24.0	XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0	d5				
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/12/14	18:12:26.0	XRT_FLD_RESET_433_OG [0x1b1]	1	07-F0	da				
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/12/14	18:14:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	2	07-F0	c4	08			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2016/12/14	18:14:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	2	07-F0	c5	07			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2016/12/14	18:15:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/14	18:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1				
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/14	18:59:32.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1				
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/14	18:59:34.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da				
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/12/14	18:59:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	1	07-F0	e8				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/12/14	19:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/12/14	19:23:00.0	XRT_Custom_430_OG [0x1ae]							
2016/12/14	19:24:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/14	20:36:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1				
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/14	20:36:32.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1				
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/14	20:36:34.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da				
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/12/14	20:36:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	1	07-F0	e8				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/12/14	20:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/12/14	21:00:01.0	XRT_Custom_430_OG [0x1ae]							
2016/12/14	21:01:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/14	22:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1				
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/14	22:14:02.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1				
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/14	22:14:04.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da				
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/12/14	22:14:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	1	07-F0	e8				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/12/14	22:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/12/14	22:36:00.0	XRT_Custom_430_OG [0x1ae]							
2016/12/14	22:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/14	23:51:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1				
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/14	23:51:32.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1				
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/14	23:51:34.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da				
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/12/14	23:51:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	1	07-F0	e8				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/12/14	23:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/12/15	00:02:01.0	XRT_Custom_430_OG [0x1ae]							
2016/12/15	00:03:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/15	01:17:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1				
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/15	01:17:32.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1				
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/15	01:17:34.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da				
		MDP_XRT_FLD_RESET	1	07-F0	da				

Dec 13, 16 14:02

XRT_OGLIST_0381.chk

Page 10/11

2016/12/15	01:17:36.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/15	01:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/15	01:34:00.0	XRT_Custom_430_OG [0x1ae]			
2016/12/15	01:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/15	02:50:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/15	02:50:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/15	02:50:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/15	02:50:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/15	02:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/15	03:10:31.0	XRT_Custom_430_OG [0x1ae]			
2016/12/15	03:11:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/15	04:19:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/15	04:19:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/15	04:19:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/15	04:19:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/15	04:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/15	04:48:00.0	XRT_Custom_430_OG [0x1ae]			
2016/12/15	04:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/15	05:31:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/15	05:31:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/15	05:31:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/12/15	05:32:00.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2016/12/15	05:32:18.0	XRT_FLD_DIS_406_OG [0x196]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2016/12/15	05:34:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2016/12/15	05:34:56.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/15	05:34:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2016/12/15	05:35:00.5	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/15	05:41:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/15	05:41:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/15	05:41:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/12/15	05:42:00.0	AOCS_ORe-point_Start_18_OG [0x0a8]			
		AOCU_NM	5	02-76	03 00 00 00 00
2016/12/15	05:42:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/15	05:42:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/15	05:42:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/15	05:42:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/15	05:42:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/15	05:44:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2016/12/15	05:44:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/12/15	05:45:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/15	05:59:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/15	05:59:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/15	05:59:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/15	05:59:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/15	06:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/15	06:25:31.0	XRT_Custom_430_OG [0x1ae]			
2016/12/15	06:26:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/15	07:39:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/15	07:39:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/15	07:39:34.0	XRT_FLD_RESET_415_OG [0x19f]			

Dec 13, 16 14:02

XRT_OGLIST_0381.chk

Page 11/11

2016/12/15	07:39:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0 da
2016/12/15	07:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0 e8
2016/12/15	08:02:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0 e9
2016/12/15	08:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0 c0
2016/12/15	09:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0 c1
2016/12/15	09:19:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0 c1
2016/12/15	09:19:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0 da
2016/12/15	09:19:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0 e8
2016/12/15	09:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0 e9
2016/12/15	09:38:00.0	XRT_Custom_430_OG [0x1ae]			
2016/12/15	09:39:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0 c0
2016/12/15	09:51:45.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0 c1
2016/12/15	09:51:47.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0 c1
2016/12/15	10:12:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76 00 00 00 00 00