

V&V Reference Report

L2 ASCDS Version : 10.4.3

Observation 51337 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 14 2016

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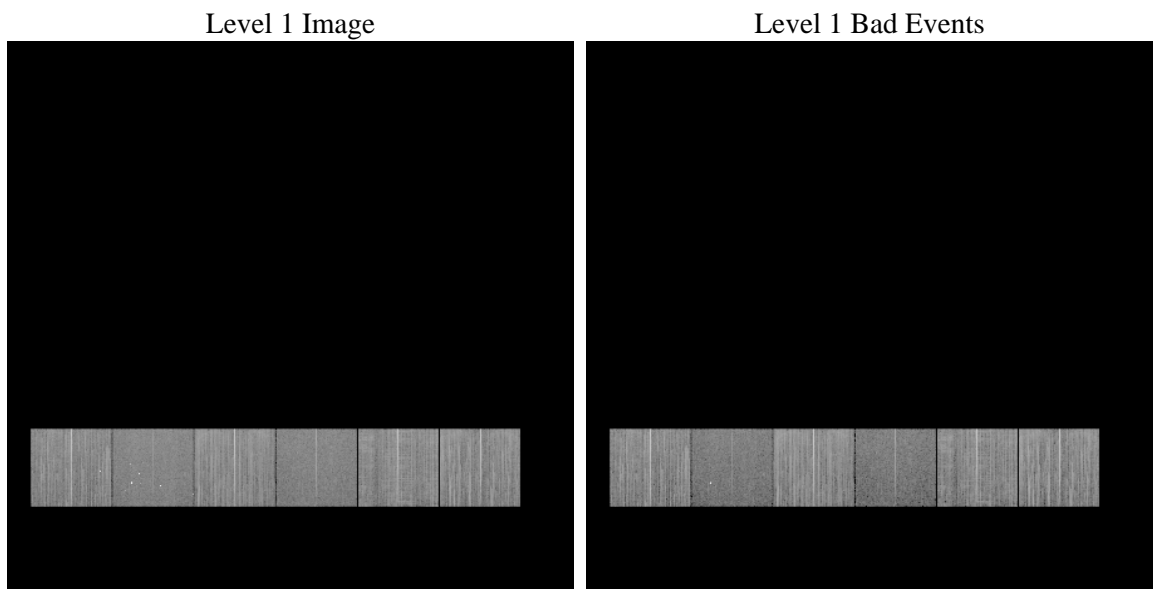
1 Front

seq_num	 	Sequence number
obs_id	51337	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	75.022381955906	Nominal RA [deg]
dec_nom	14.980887526396	Nominal Dec [deg]
roll_nom	285.66466485015	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8438.400125742	Sum of GTIs [s]
livetime	8331.5480223553	Livetime [s]
ontime4	8438.400125742	Sum of GTIs [s]
ontime5	8438.400125742	Sum of GTIs [s]
ontime6	8438.400125742	Sum of GTIs [s]
ontime7	8438.400125742	Sum of GTIs [s]
ontime8	8438.400125742	Sum of GTIs [s]
ontime9	8438.400125742	Sum of GTIs [s]
l2events	209772	Number of level 2 events

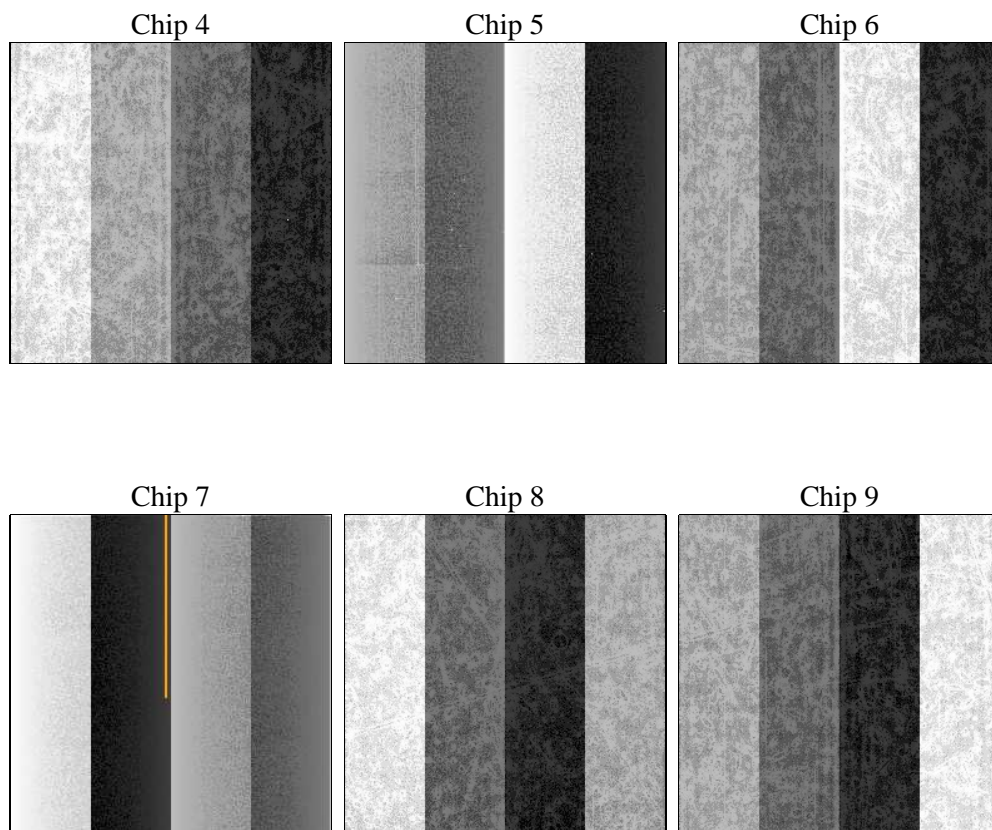
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.4.3	Processing system revision	ontime	8438.400125742	Sum of GTIs [s]
caldsver	4.7.0	 	ontime4	8438.400125742	Sum of GTIs [s]
date	2016-01-14T23:26:45	Date and time of file creation	ontime5	8438.400125742	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8438.400125742	Sum of GTIs [s]
			ontime7	8438.400125742	Sum of GTIs [s]
			ontime8	8438.400125742	Sum of GTIs [s]
			ontime9	8438.400125742	Sum of GTIs [s]
			l1events	1027782	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	177586	151419	190810	134024	184745	189198	grade 0 events	14921	8899	10503	6139	14745	11813
rejected events	148887	86500	163776	80240	147022	162176		8%	5%	5%	4%	7%	6%
rejected %	83%	57%	85%	59%	79%	85%	grade 1 events	134	210	64	103	83	70
								0%	0%	0%	0%	0%	0%
							grade 2 events	5592	22257	7912	13589	8976	6327
								3%	14%	4%	10%	4%	3%
							grade 3 events	1994	1714	1539	3672	2748	1770
								1%	1%	0%	2%	1%	0%
							grade 4 events	1960	1607	1495	3508	2550	1685
								1%	1%	0%	2%	1%	0%
							grade 5 events	3549	6177	3162	7425	4438	3703
								1%	4%	1%	5%	2%	1%
							grade 6 events	4249	30495	5610	26911	8720	5445
								2%	20%	2%	20%	4%	2%
							grade 7 events	145187	80060	160525	72677	142485	158385
								81%	52%	84%	54%	77%	83%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	75.02238195590647	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	14.98088752639578	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	285.6646648501527	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	569167255.868994	569167254.84399			
Observation start date	2016-01-14T14:00:56	2016-01-14T14:00:54			
[s] Observation end time (MET)	569180890.419768	569180889.39477			
Observation end date	2016-01-14T17:48:10	2016-01-14T17:48:09			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.01.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.438400125742

A.2 Comments