

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54368 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 30 2012

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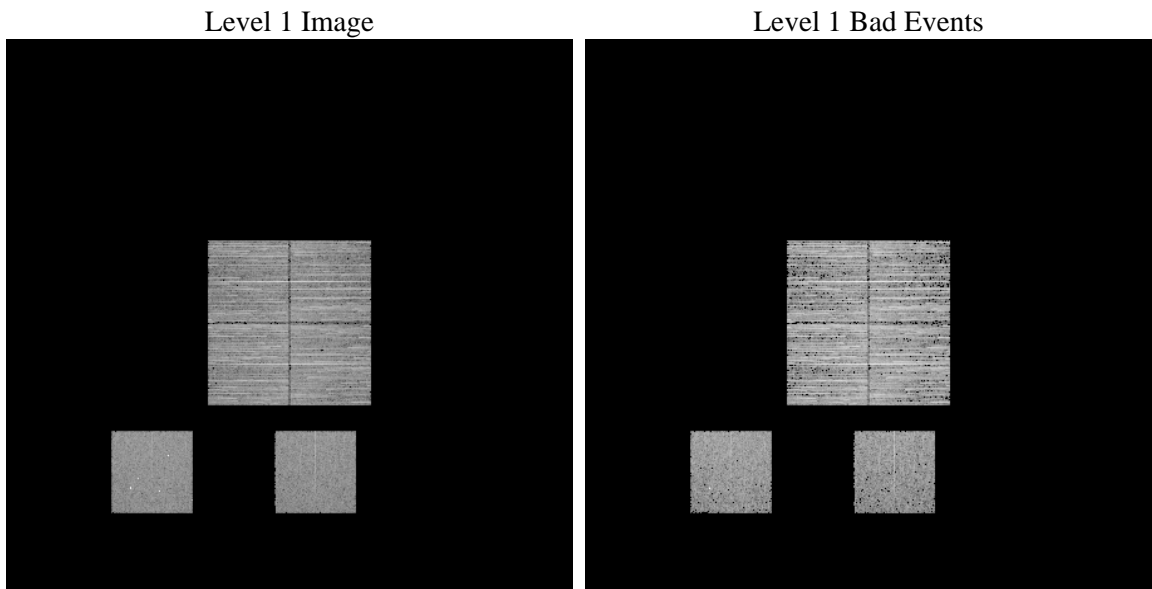
1 Front

seq_num	 	Sequence number
obs_id	54368	Observation id
title	ACIS-012357 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	328.09768425064	Nominal RA [deg]
dec_nom	13.921640561407	Nominal Dec [deg]
roll_nom	206.31143864774	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3286.1545062065	Sum of GTIs [s]
livetime	3244.5432391642	Livetime [s]
ontime0	3286.1955363154	Sum of GTIs [s]
ontime1	3286.3999878168	Sum of GTIs [s]
ontime2	3286.3999878168	Sum of GTIs [s]
ontime3	3286.1134563088	Sum of GTIs [s]
ontime5	3286.3999878168	Sum of GTIs [s]
ontime7	3286.1545062065	Sum of GTIs [s]
l2events	107363	Number of level 2 events

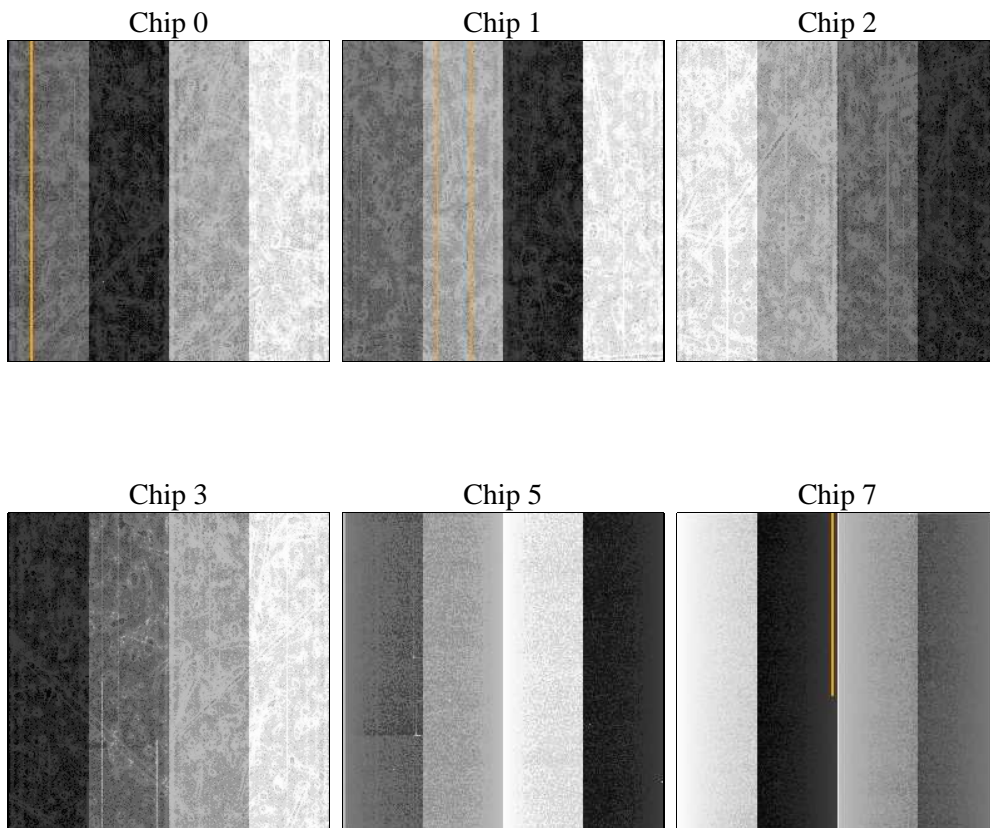
2 OBI

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	8.4.5	Processing system revision	ontime	3286.1545062065	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime0	3286.1955363154	Sum of GTIs [s]
date	2012-08-30T18:03:10	Date and time of file creation	ontime1	3286.3999878168	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3286.3999878168	Sum of GTIs [s]
			ontime3	3286.1134563088	Sum of GTIs [s]
			ontime5	3286.3999878168	Sum of GTIs [s]
			ontime7	3286.1545062065	Sum of GTIs [s]
			l1events	375688	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	62456	64329	71141	66824	58226	52712	grade 0 events	7809	7714	8043	8003	4508	3969
rejected events	47354	49127	55938	51714	29841	27028		12%	11%	11%	11%	7%	7%
rejected %	75%	76%	78%	77%	51%	51%	grade 1 events	51	33	38	48	56	46
								0%	0%	0%	0%	0%	0%
							grade 2 events	2887	3095	2931	2834	10198	6293
								4%	4%	4%	4%	17%	11%
							grade 3 events	993	1061	1026	1006	1097	2200
								1%	1%	1%	1%	1%	4%
							grade 4 events	1005	989	1059	1035	1018	2088
								1%	1%	1%	1%	1%	3%
							grade 5 events	1234	1131	1144	1309	2570	3253
								1%	1%	1%	1%	4%	6%
							grade 6 events	2408	2355	2156	2232	11592	11134
								3%	3%	3%	3%	19%	21%
							grade 7 events	46069	47951	54744	50357	27187	23729
								73%	74%	76%	75%	46%	45%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	328.0976842506425	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	13.92164056140662	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	206.3114386477378	[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)	462680532.203683	462680531.17868			
Observation start date	2012-08-30T02:22:12	2012-08-30T02:22:11			
[s] Observation end time (MET)	462685712.55396	462685711.52896			
Observation end date	2012-08-30T03:48:33	2012-08-30T03:48:31			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2861545062065

A.2 Comments