

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56540 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 19 2012

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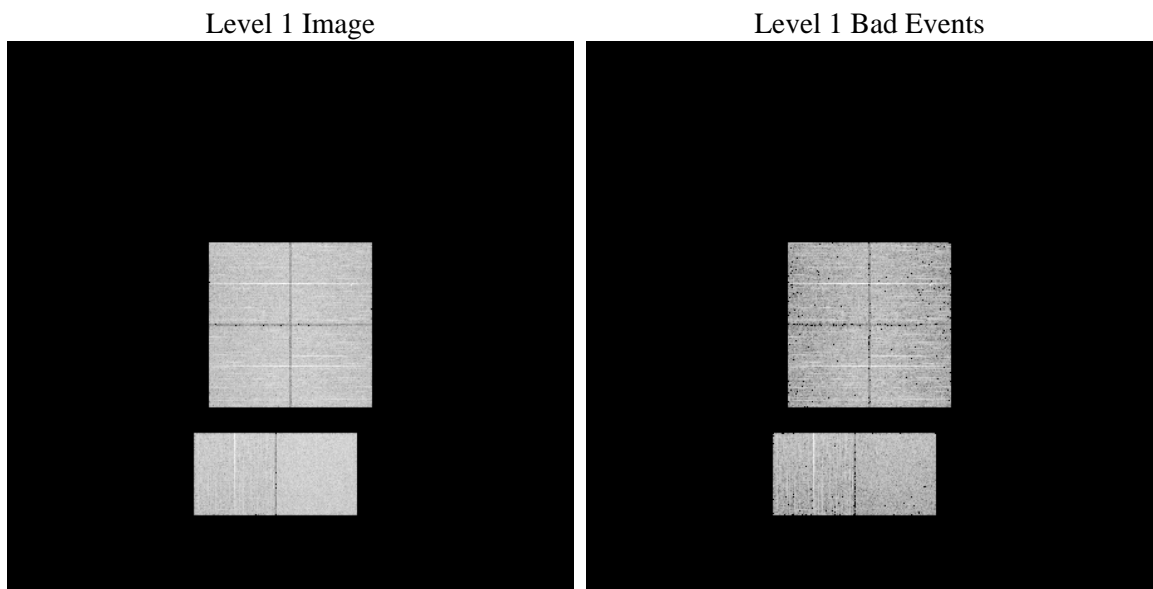
1 Front

seq_num	 	Sequence number
obs_id	56540	Observation id
title	ACIS-012367 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	133.99112290751	Nominal RA [deg]
dec_nom	17.527569679184	Nominal Dec [deg]
roll_nom	74.356425312004	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3832.7544019818	Sum of GTIs [s]
livetime	3784.2217579363	Livetime [s]
ontime0	3832.7133619785	Sum of GTIs [s]
ontime1	3832.6723219752	Sum of GTIs [s]
ontime2	3832.6312819719	Sum of GTIs [s]
ontime3	3832.7954419851	Sum of GTIs [s]
ontime6	3832.5902419686	Sum of GTIs [s]
ontime7	3832.7544019818	Sum of GTIs [s]
l2events	199186	Number of level 2 events

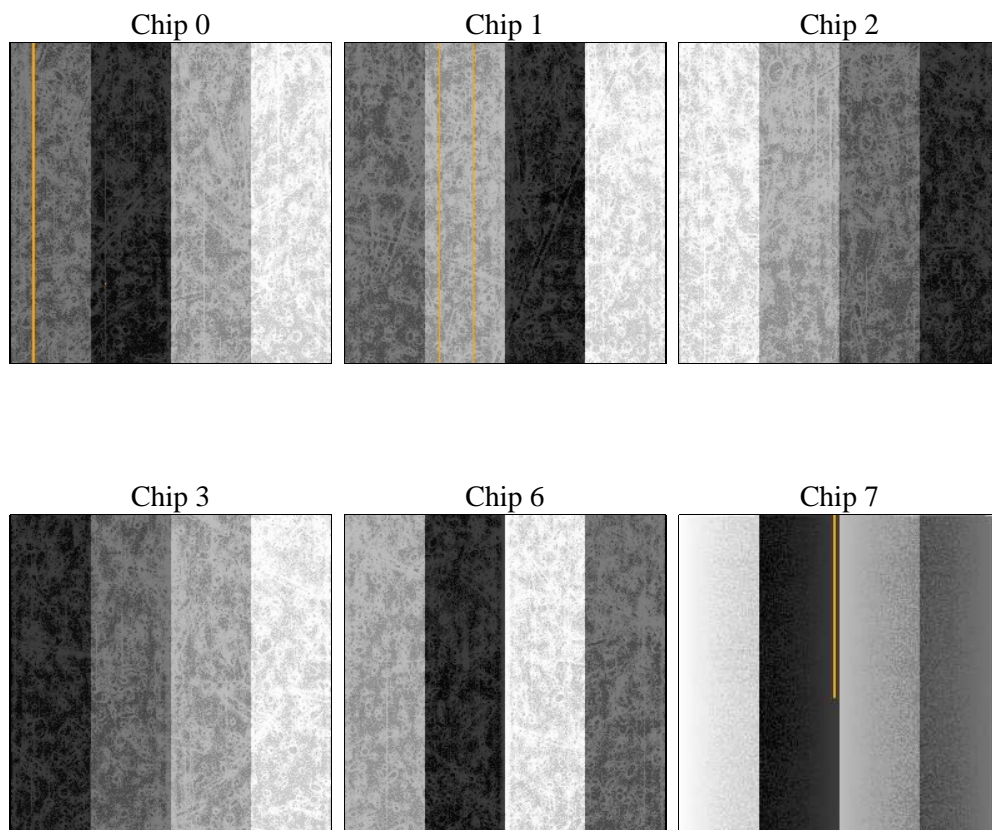
2 OBI

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	3832.7544019818	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	3832.7133619785	Sum of GTIs [s]
date	2012-06-19T09:34:26	Date and time of file creation	ontime1	3832.6723219752	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3832.6312819719	Sum of GTIs [s]
			ontime3	3832.7954419851	Sum of GTIs [s]
			ontime6	3832.5902419686	Sum of GTIs [s]
			ontime7	3832.7544019818	Sum of GTIs [s]
			l1events	427028	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	66072	67519	67108	70980	70409	84940	grade 0 events	16844	16693	16992	17343	17047	8729
rejected events	34215	35344	35532	39063	37431	34744		25%	24%	25%	24%	24%	10%
rejected %	51%	52%	52%	55%	53%	40%	grade 1 events	138	107	153	141	115	86
								0%	0%	0%	0%	0%	0%
							grade 2 events	5859	6042	5355	5600	6035	11090
								8%	8%	7%	7%	8%	13%
							grade 3 events	2228	2189	2267	2082	2239	4518
								3%	3%	3%	2%	3%	5%
							grade 4 events	2114	2154	2292	2285	2144	4467
								3%	3%	3%	3%	3%	5%
							grade 5 events	1965	2008	1933	2173	2042	5553
								2%	2%	2%	3%	2%	6%
							grade 6 events	4812	5097	4670	4607	5513	21392
								7%	7%	6%	6%	7%	25%
							grade 7 events	32112	33229	33446	36749	35274	29105
								48%	49%	49%	51%	50%	34%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	133.9911229075136	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	17.52756967918408	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	74.35642531200449	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	379252200.177581	379252199.15256			
Observation start date	2010-01-07T11:50:00	2010-01-07T11:49:59			
[s] Observation end time (MET)	379257667.527857	379257666.50284			
Observation end date	2010-01-07T13:21:08	2010-01-07T13:21:06			
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)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.8327544019818

A.2 Comments