

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58385 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 25 2012

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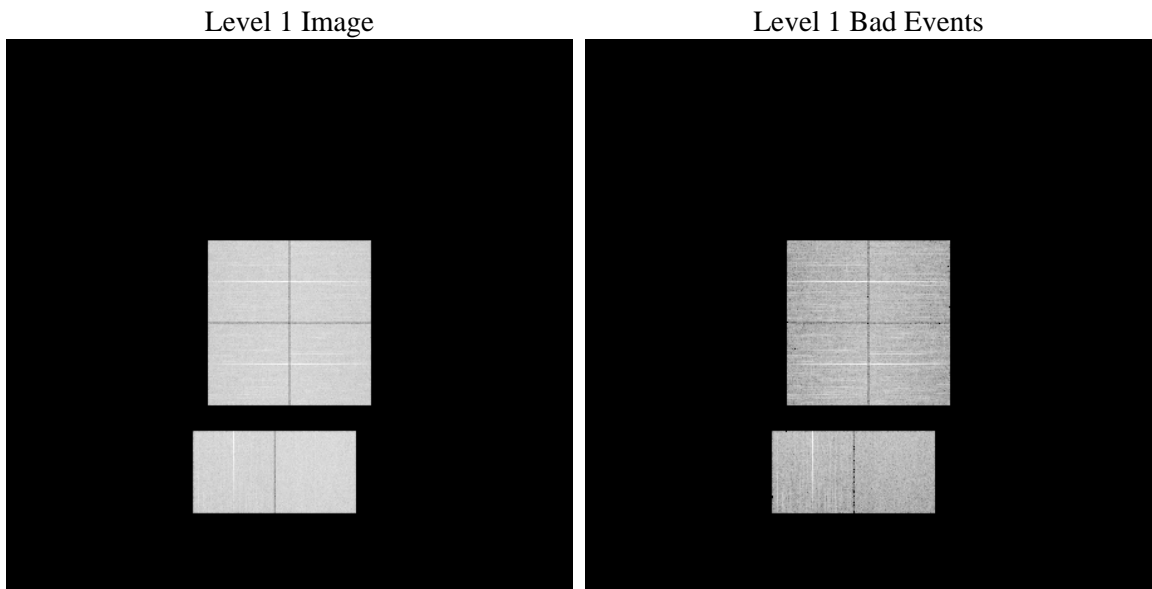
1 Front

seq_num	 	Sequence number
obs_id	58385	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	225.0143652434	Nominal RA [deg]
dec_nom	-25.614714870649	Nominal Dec [deg]
roll_nom	292.44610347089	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.0445551872	Sum of GTIs [s]
livetime	8166.3116088043	Livetime [s]
ontime0	8271.0445352793	Sum of GTIs [s]
ontime1	8271.0445352793	Sum of GTIs [s]
ontime2	8271.0445352793	Sum of GTIs [s]
ontime3	8271.0445352793	Sum of GTIs [s]
ontime6	8274.0832944512	Sum of GTIs [s]
ontime7	8271.0445551872	Sum of GTIs [s]
l2events	745836	Number of level 2 events

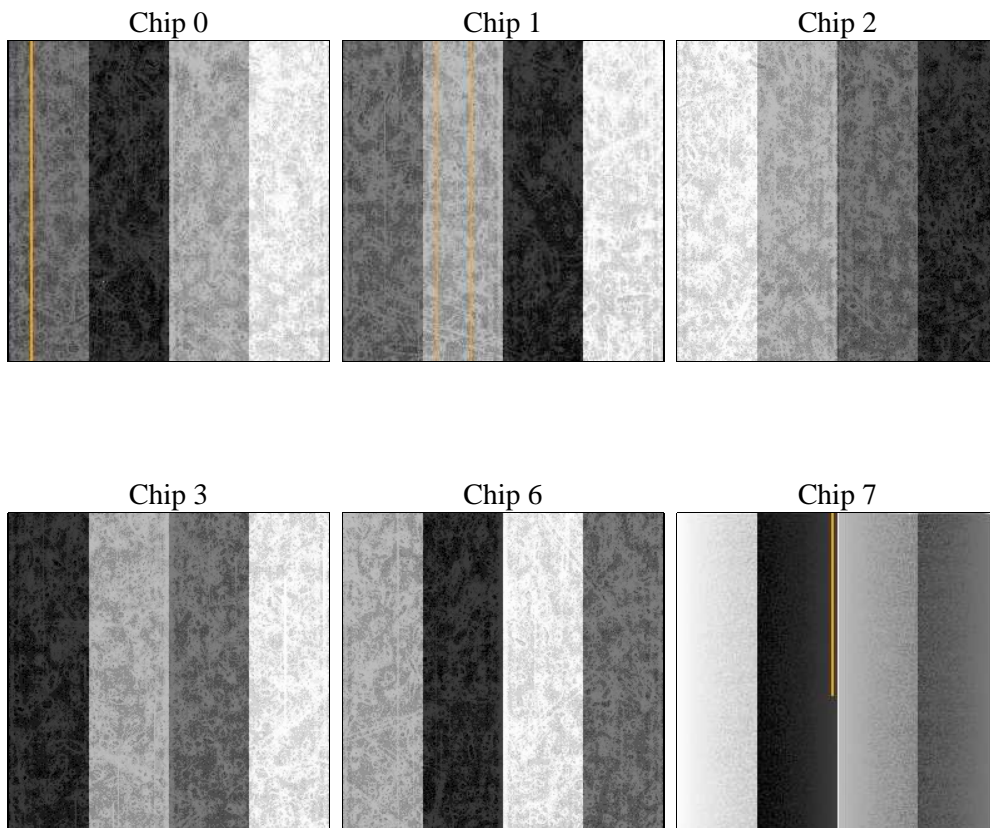
2 OBI

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	8.4.4	Processing system revision	ontime	8271.0445551872	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8271.0445352793	Sum of GTIs [s]
date	2012-04-25T09:38:34	Date and time of file creation	ontime1	8271.0445352793	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8271.0445352793	Sum of GTIs [s]
			ontime3	8271.0445352793	Sum of GTIs [s]
			ontime6	8274.0832944512	Sum of GTIs [s]
			ontime7	8271.0445551872	Sum of GTIs [s]
			l1events	1211084	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	192465	195668	199716	199694	201352	222189	grade 0 events	67050	66765	69443	69177	68994	33620
rejected events	69169	70601	74630	74597	71703	64183		34%	34%	34%	34%	34%	15%
rejected %	35%	36%	37%	37%	35%	28%	grade 1 events	500	428	560	573	467	152
								0%	0%	0%	0%	0%	0%
							grade 2 events	21426	22887	21184	21402	22752	34388
								11%	11%	10%	10%	11%	15%
							grade 3 events	8099	8174	8304	8372	8211	14967
								4%	4%	4%	4%	4%	6%
							grade 4 events	8162	8060	8268	8302	8273	14974
								4%	4%	4%	4%	4%	6%
							grade 5 events	3948	4071	3792	4255	4255	10730
								2%	2%	1%	2%	2%	4%
							grade 6 events	18559	19181	17887	17844	21419	60057
								9%	9%	8%	8%	10%	27%
							grade 7 events	64721	66102	70278	69769	66981	53301
								33%	33%	35%	34%	33%	23%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	225.0143652433957	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-25.61471487064872	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	292.4461034708858			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	296131191.232249	296131190.20726			
Observation start date	2007-05-21T10:39:51	2007-05-21T10:39:50			
[s] Observation end time (MET)	296143651.132844	296143650.10785			
Observation end date	2007-05-21T14:07:31	2007-05-21T14:07:30			
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)	2012.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2710445551872

A.2 Comments