

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 54043 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 9 2013

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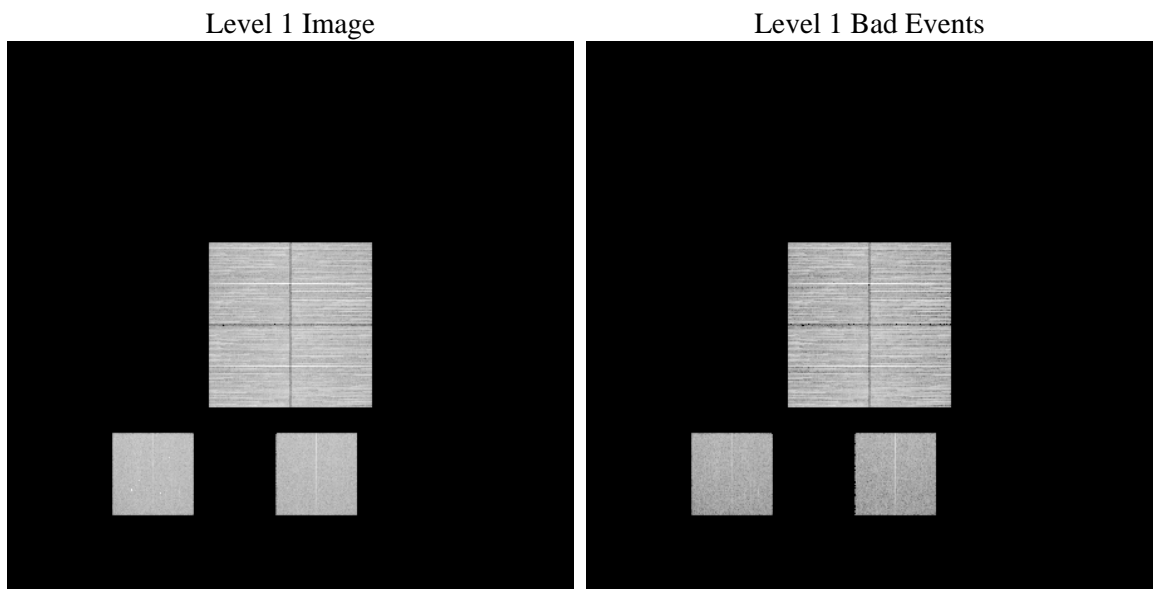
1 Front

seq_num	 	Sequence number
obs_id	54043	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	225.11742093999	Nominal RA [deg]
dec_nom	16.995200186058	Nominal Dec [deg]
roll_nom	69.755711012145	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8147.1999697089	Sum of GTIs [s]
livetime	8044.0352180376	Livetime [s]
ontime0	8147.1999697089	Sum of GTIs [s]
ontime1	8147.1999697089	Sum of GTIs [s]
ontime2	8147.1999697089	Sum of GTIs [s]
ontime3	8147.1999697089	Sum of GTIs [s]
ontime5	8147.1999697089	Sum of GTIs [s]
ontime7	8147.1999697089	Sum of GTIs [s]
l2events	253683	Number of level 2 events

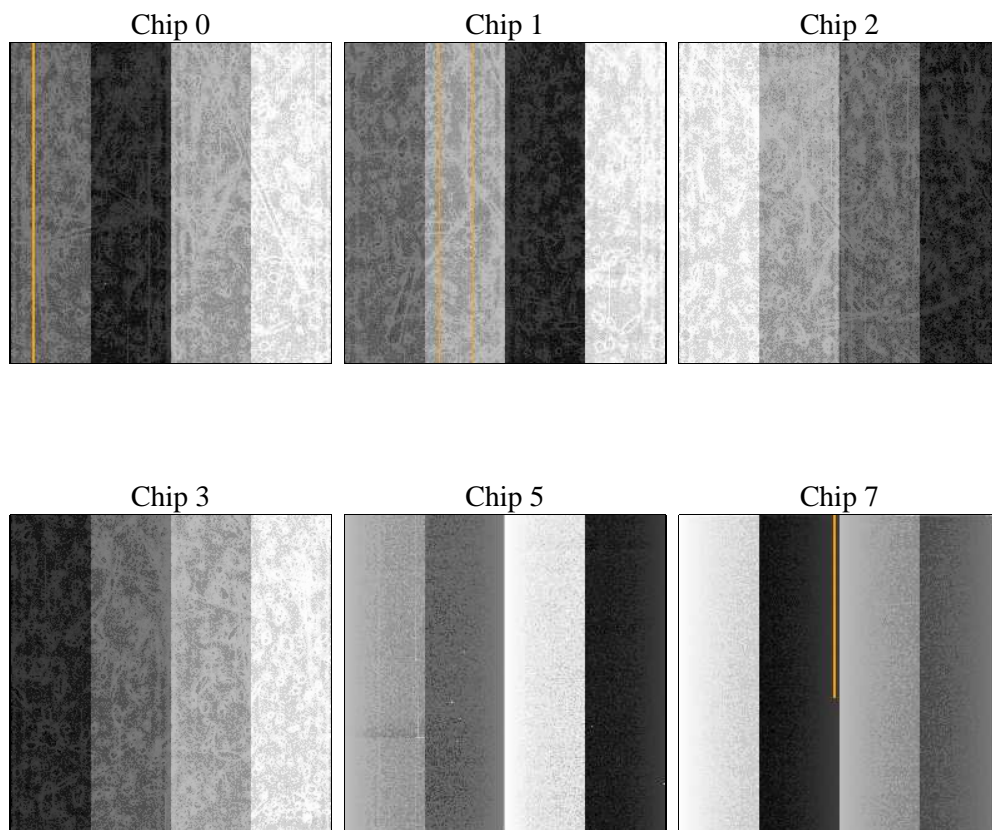
2 OBI

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	8.5.1.1	Processing system revision	ontime	8147.1999697089	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	8147.1999697089	Sum of GTIs [s]
date	2013-01-09T17:15:02	Date and time of file creation	ontime1	8147.1999697089	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8147.1999697089	Sum of GTIs [s]
			ontime3	8147.1999697089	Sum of GTIs [s]
			ontime5	8147.1999697089	Sum of GTIs [s]
			ontime7	8147.1999697089	Sum of GTIs [s]
			l1events	954413	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	160924	167215	173596	175146	142394	135138	grade 0 events	17746	17478	18664	18497	7235	9568
rejected events	126615	132154	138723	140325	77208	72324		11%	10%	10%	10%	5%	7%
rejected %	78%	79%	79%	80%	54%	53%	grade 1 events	96	79	130	102	135	93
								0%	0%	0%	0%	0%	0%
							grade 2 events	6935	7456	6652	6693	24483	15817
								4%	4%	3%	3%	17%	11%
							grade 3 events	2511	2387	2482	2433	2525	5240
								1%	1%	1%	1%	1%	3%
							grade 4 events	2305	2413	2408	2480	2392	5196
								1%	1%	1%	1%	1%	3%
							grade 5 events	3109	3165	2838	3399	6653	8316
								1%	1%	1%	1%	4%	6%
							grade 6 events	5403	5899	5241	5317	29693	28013
								3%	3%	3%	3%	20%	20%
							grade 7 events	122819	128338	135181	136225	69278	62895
								76%	76%	77%	77%	48%	46%

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	OVERRIDE	OVERRIDE
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	225.1174209399884	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	16.99520018605828	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	69.75571101214521	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
SIM translation stage pos (mm)	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	474074892.0159	474074892.0159			
Observation start date	2013-01-08T23:28:12	2013-01-08T23:28:12			
[s] Observation end time (MET)	474084437.182155	474084437.182155			
Observation end date	2013-01-09T02:07:17	2013-01-09T02:07:17			
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)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1471999697089

A.2 Comments