

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55937 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 5 2012

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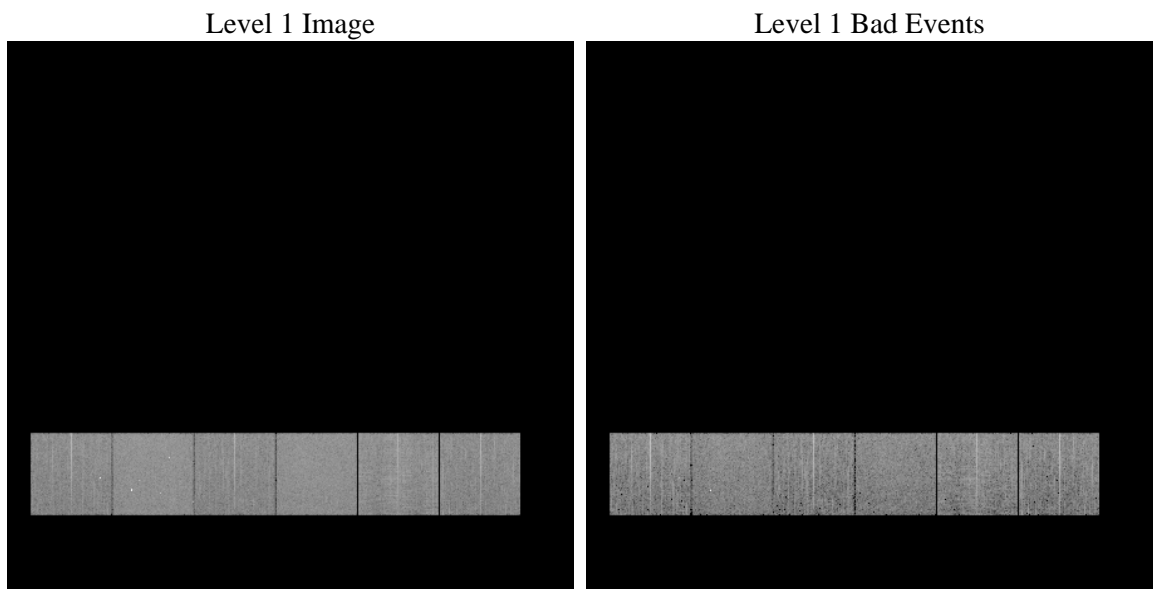
1 Front

seq_num	 	Sequence number
obs_id	55937	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	10.17395896853	Nominal RA [deg]
dec_nom	0.17512667999912	Nominal Dec [deg]
roll_nom	279.68056477627	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5112.2198877335	Sum of GTIs [s]
livetime	5047.4858813057	Livetime [s]
ontime4	5112.0967677236	Sum of GTIs [s]
ontime5	5112.1788477302	Sum of GTIs [s]
ontime6	5112.1378077269	Sum of GTIs [s]
ontime7	5112.2198877335	Sum of GTIs [s]
ontime8	5112.0557277203	Sum of GTIs [s]
ontime9	5112.2609277368	Sum of GTIs [s]
l2events	280640	Number of level 2 events

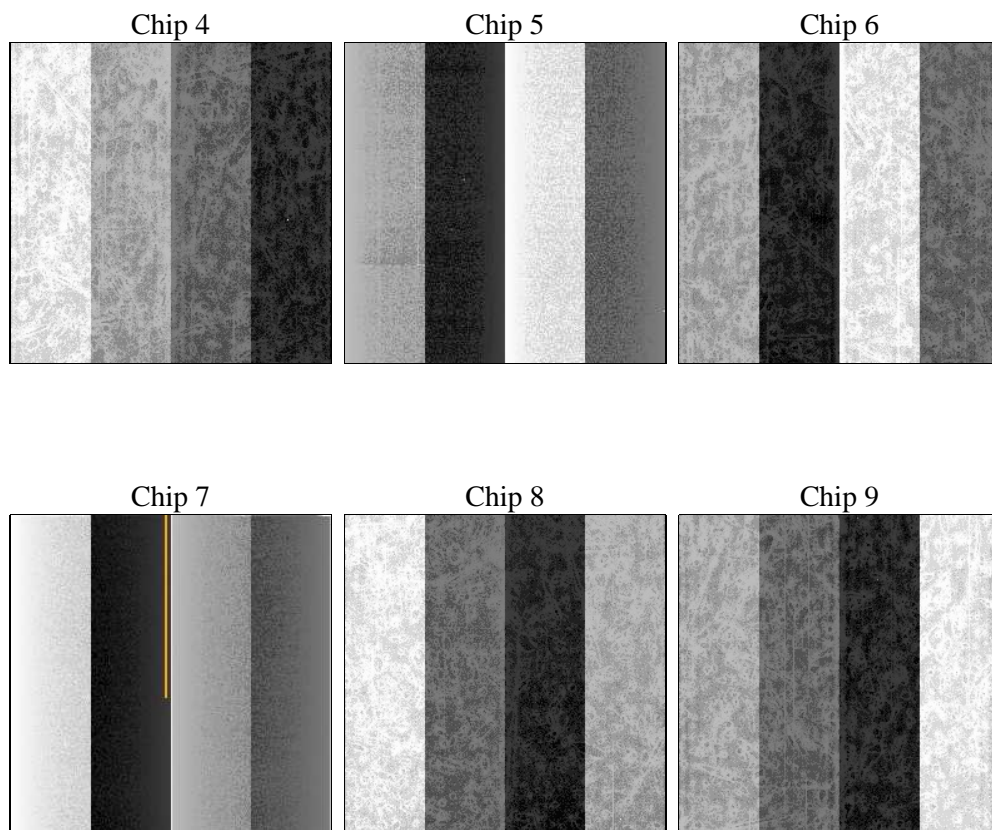
2 OBI

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	5112.2198877335	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	5112.0967677236	Sum of GTIs [s]
date	2012-07-05T22:00:53	Date and time of file creation	ontime5	5112.1788477302	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5112.1378077269	Sum of GTIs [s]
			ontime7	5112.2198877335	Sum of GTIs [s]
			ontime8	5112.0557277203	Sum of GTIs [s]
			ontime9	5112.2609277368	Sum of GTIs [s]
			l1events	579579	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	89885	109325	87221	103678	102123	87347	grade 0 events	24927	9132	22779	11457	26012	22746
rejected events	47260	45386	43405	42140	49007	44600		27%	8%	26%	11%	25%	26%
rejected %	52%	41%	49%	40%	47%	51%	grade 1 events	224	138	131	87	167	157
								0%	0%	0%	0%	0%	0%
							grade 2 events	6860	23541	8219	13575	10411	7749
								7%	21%	9%	13%	10%	8%
							grade 3 events	2956	3234	2822	5615	3863	2931
								3%	2%	3%	5%	3%	3%
							grade 4 events	2990	2770	2916	5546	3809	2869
								3%	2%	3%	5%	3%	3%
							grade 5 events	2532	6092	2645	6519	3425	2862
								2%	5%	3%	6%	3%	3%
							grade 6 events	6231	27000	8400	27019	10729	7704
								6%	24%	9%	26%	10%	8%
							grade 7 events	43165	37418	39309	33860	43707	40329
								48%	34%	45%	32%	42%	46%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	10.17395896853012
[deg] Pointing Dec	0	0.1751266799991192
[deg] Pointing Roll	0.0	279.680564776269
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	404614422.22071	404614422.22071
Observation start date	2010-10-28T00:53:42	2010-10-28T00:53:42
[s] Observation end time (MET)	404620926.642295	404620926.642295
Observation end date	2010-10-28T02:42:07	2010-10-28T02:42:06
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1122198877335

A.2 Comments