

V&V Reference Report

L2 ASCDS Version : 10.2.1

Observation 53063 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 26 2014

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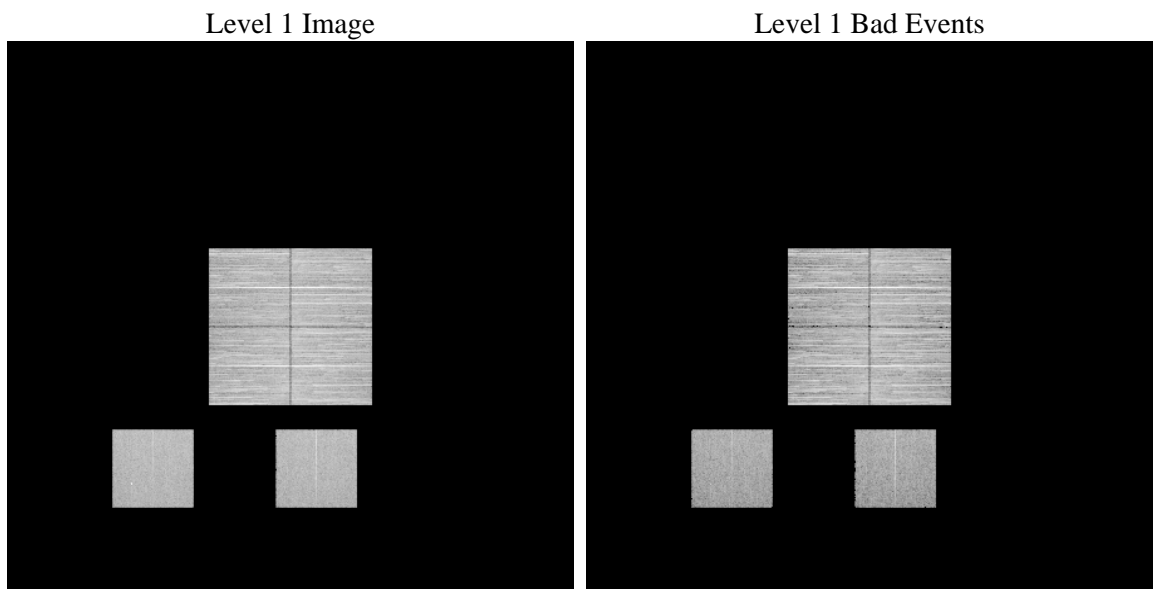
1 Front

seq_num	 	Sequence number
obs_id	53063	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	141.50927452233	Nominal RA [deg]
dec_nom	10.718850363341	Nominal Dec [deg]
roll_nom	65.028079836801	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8223.9999694228	Sum of GTIs [s]
livetime	8119.8627299117	Livetime [s]
ontime0	8223.9999694228	Sum of GTIs [s]
ontime1	8223.9999694228	Sum of GTIs [s]
ontime2	8223.9999694228	Sum of GTIs [s]
ontime3	8223.9999694228	Sum of GTIs [s]
ontime5	8223.9999694228	Sum of GTIs [s]
ontime7	8223.9999694228	Sum of GTIs [s]
l2events	206711	Number of level 2 events

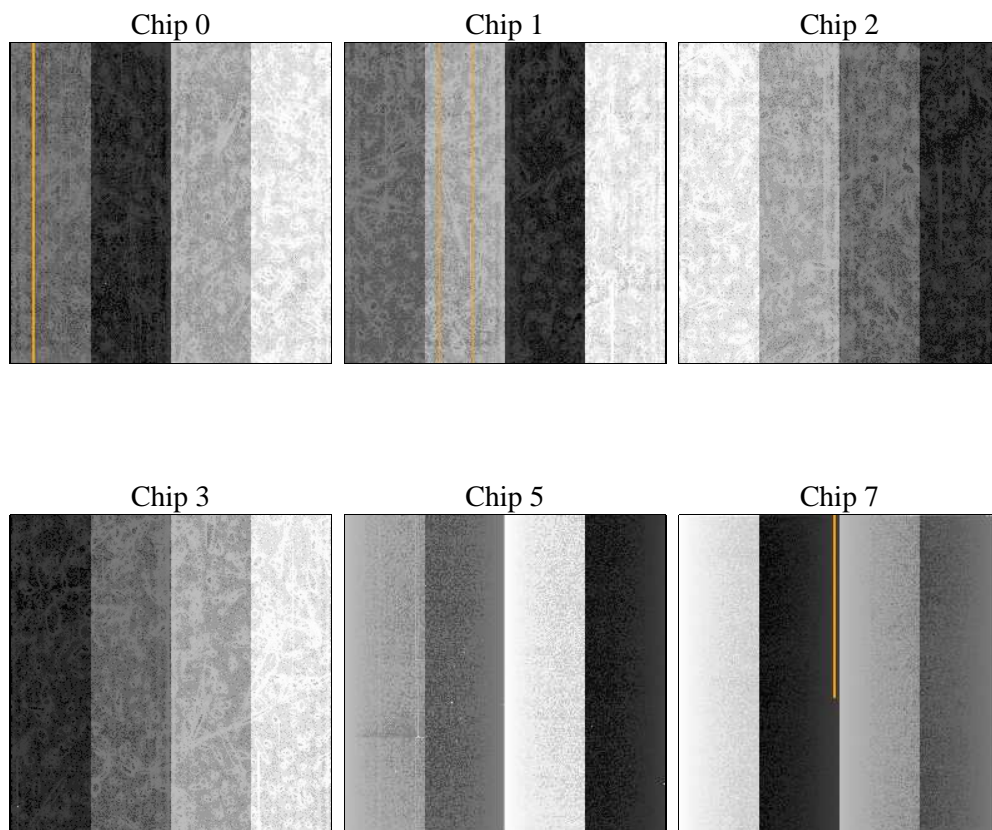
2 OBI

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	10.2.1	Processing system revision	ontime	8223.9999694228	Sum of GTIs [s]
caldsver	4.6.0	 	ontime0	8223.9999694228	Sum of GTIs [s]
date	2014-01-26T10:49:42	Date and time of file creation	ontime1	8223.9999694228	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8223.9999694228	Sum of GTIs [s]
			ontime3	8223.9999694228	Sum of GTIs [s]
			ontime5	8223.9999694228	Sum of GTIs [s]
			ontime7	8223.9999694228	Sum of GTIs [s]
			l1events	839961	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	137261	151323	152341	158826	122044	118166	grade 0 events	14153	13124	14491	14614	4218	7036
rejected events	109367	123260	124087	130521	69048	66484		10%	8%	9%	9%	3%	5%
rejected %	79%	81%	81%	82%	56%	56%	grade 1 events	79	62	83	87	138	79
								0%	0%	0%	0%	0%	0%
							grade 2 events	5803	6694	5598	5639	20272	13100
								4%	4%	3%	3%	16%	11%
							grade 3 events	1852	1711	1956	1913	1618	3969
								1%	1%	1%	1%	1%	3%
							grade 4 events	1772	1844	1989	1920	1590	3839
								1%	1%	1%	1%	1%	3%
							grade 5 events	2678	2621	2618	3054	5352	6922
								1%	1%	1%	1%	4%	5%
							grade 6 events	4514	4875	4416	4421	25702	24118
								3%	3%	2%	2%	21%	20%
							grade 7 events	106410	120392	121190	127178	63154	59103
								77%	79%	79%	80%	51%	50%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	141.5092745223287
[deg] Pointing Dec	0	10.71885036334082
[deg] Pointing Roll	0.0	65.02807983680123
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	507014263.059038	507014263.059038
Observation start date	2014-01-25T05:17:43	2014-01-25T05:17:43
[s] Observation end time (MET)	507024649.98784	507024649.98784
Observation end date	2014-01-25T08:10:50	2014-01-25T08:10:49
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2014.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2239999694228

A.2 Comments