

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52631 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 18 2014

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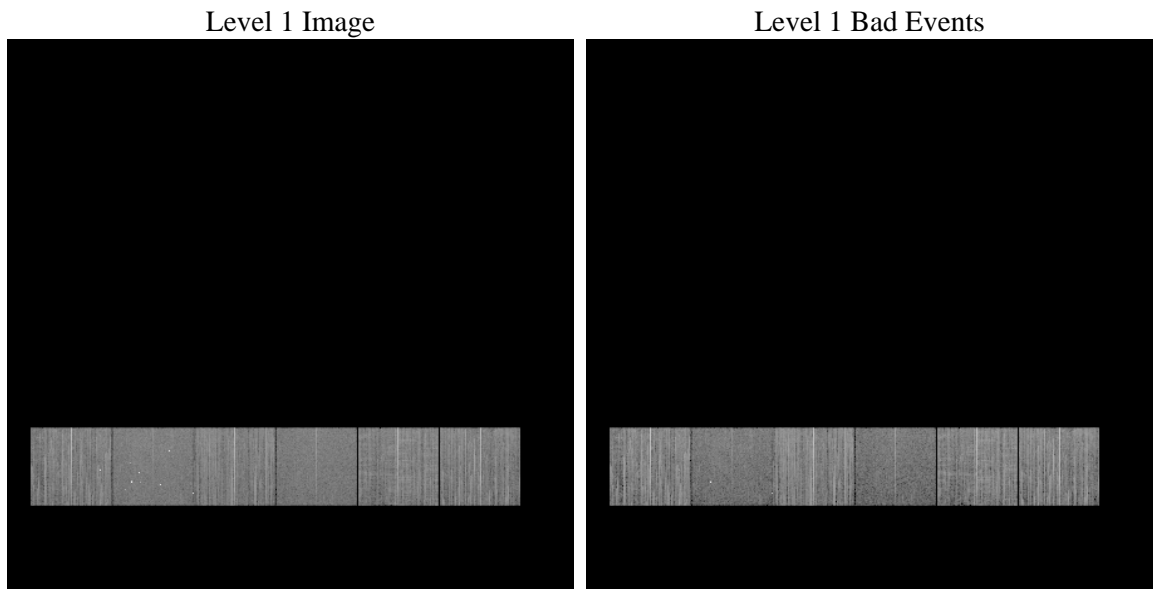
1 Front

seq_num	 	Sequence number
obs_id	52631	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	48.285142075465	Nominal RA [deg]
dec_nom	-15.363227811039	Nominal Dec [deg]
roll_nom	113.98190907611	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8236.7999693751	Sum of GTIs [s]
livetime	8132.5006485574	Livetime [s]
ontime4	8236.7999693751	Sum of GTIs [s]
ontime5	8236.7999693751	Sum of GTIs [s]
ontime6	8236.7999693751	Sum of GTIs [s]
ontime7	8236.7999693751	Sum of GTIs [s]
ontime8	8236.7999693751	Sum of GTIs [s]
ontime9	8236.7999693751	Sum of GTIs [s]
l2events	201455	Number of level 2 events

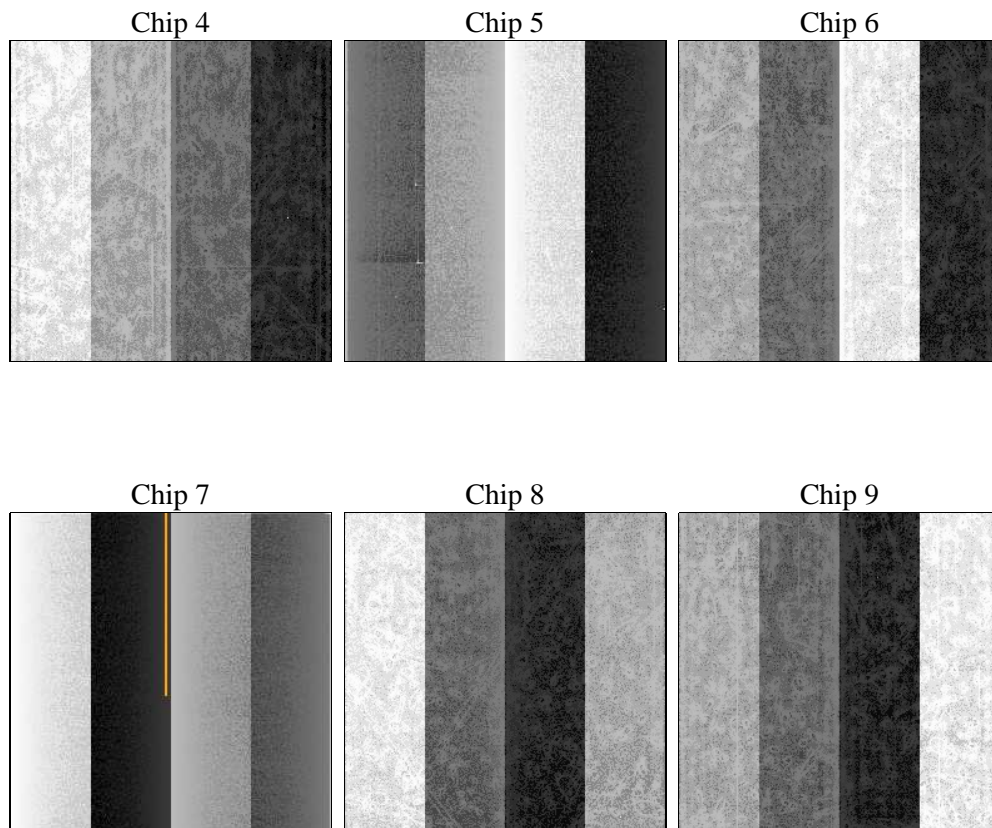
2 OBI

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	10.2.4	Processing system revision	ontime	8236.7999693751	Sum of GTIs [s]
caldbver	4.6.2	 	ontime4	8236.7999693751	Sum of GTIs [s]
date	2014-07-18T17:07:02	Date and time of file creation	ontime5	8236.7999693751	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8236.7999693751	Sum of GTIs [s]
			ontime7	8236.7999693751	Sum of GTIs [s]
			ontime8	8236.7999693751	Sum of GTIs [s]
			ontime9	8236.7999693751	Sum of GTIs [s]
			l1events	833631	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	145407	134626	148567	114430	146564	144037	grade 0 events	16320	12043	13225	6841	15425	13058
rejected events	116569	71792	120915	63634	111502	117435		11%	8%	8%	5%	10%	9%
rejected %	80%	53%	81%	55%	76%	81%	grade 1 events	114	295	64	77	93	69
								0%	0%	0%	0%	0%	0%
							grade 2 events	5138	20802	5885	12598	7378	5320
								3%	15%	3%	11%	5%	3%
							grade 3 events	1912	2325	1837	4050	2664	1813
								1%	1%	1%	3%	1%	1%
							grade 4 events	1870	1967	1791	3997	2572	1852
								1%	1%	1%	3%	1%	1%
							grade 5 events	3012	5957	2849	7069	3939	3360
								2%	4%	1%	6%	2%	2%
							grade 6 events	3781	26022	5064	23531	7187	4690
								2%	19%	3%	20%	4%	3%
							grade 7 events	113260	65215	117852	56267	107306	113875
								77%	48%	79%	49%	73%	79%

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	48.28514207546493
[deg] Pointing Dec	0	-15.36322781103872
[deg] Pointing Roll	0.0	113.9819090761076
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)	522059490.639309	522059490.639309
Observation start date	2014-07-18T08:31:31	2014-07-18T08:31:30
[s] Observation end time (MET)	522068450.083476	522068450.083476
Observation end date	2014-07-18T11:00:50	2014-07-18T11:00:50
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)	2014.07.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2367999693751

A.2 Comments