

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56630 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 17 2012

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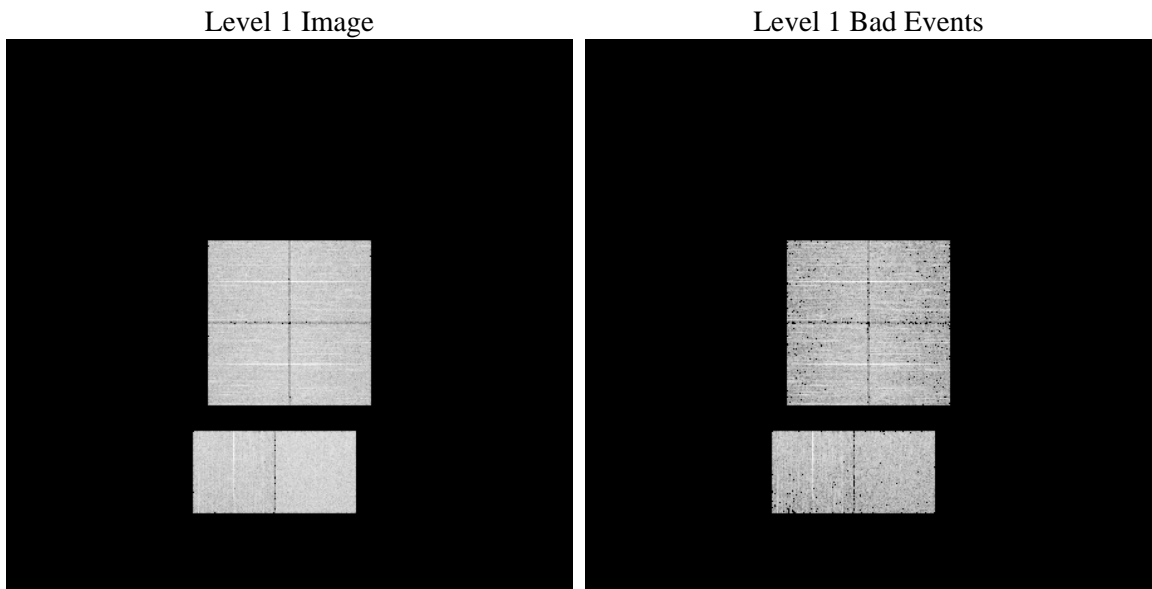
1 Front

seq_num	 	Sequence number
obs_id	56630	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	43.015357297584	Nominal RA [deg]
dec_nom	23.162104038761	Nominal Dec [deg]
roll_nom	272.38089833949	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3196.7999881506	Sum of GTIs [s]
livetime	3156.3201818188	Livetime [s]
ontime0	3196.7999881506	Sum of GTIs [s]
ontime1	3196.7999881506	Sum of GTIs [s]
ontime2	3196.7999881506	Sum of GTIs [s]
ontime3	3196.7999881506	Sum of GTIs [s]
ontime6	3196.7999881506	Sum of GTIs [s]
ontime7	3196.7999881506	Sum of GTIs [s]
l2events	172049	Number of level 2 events

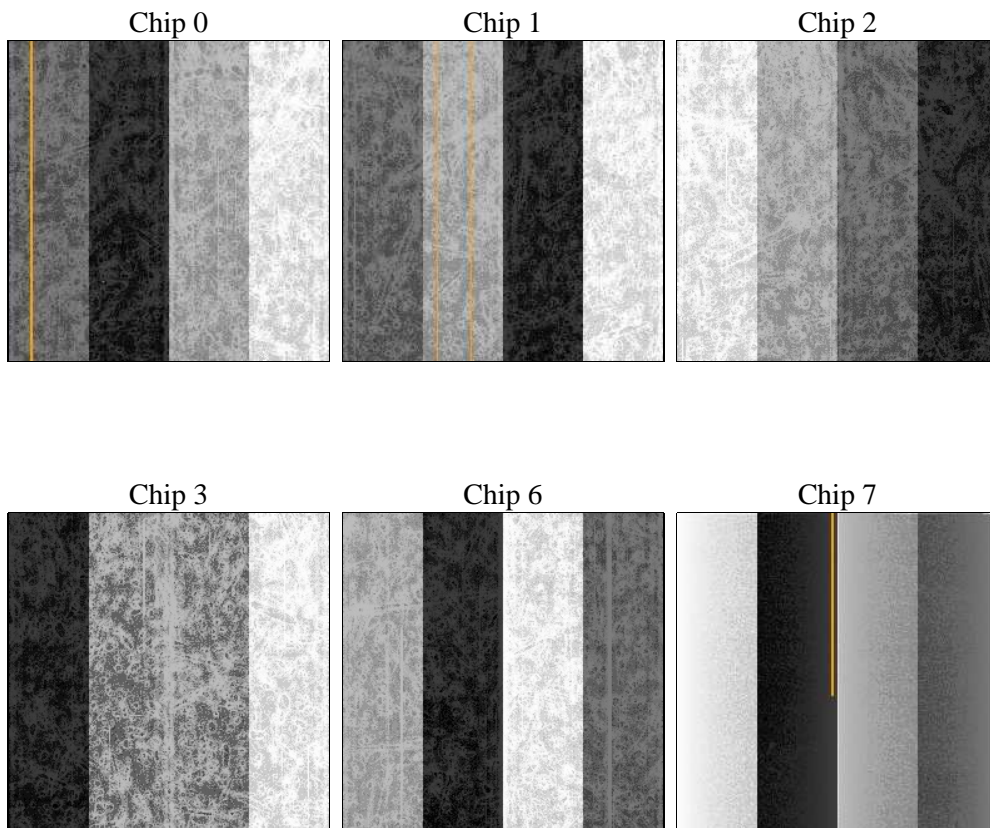
2 OBI

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	3196.7999881506	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	3196.7999881506	Sum of GTIs [s]
date	2012-06-17T09:28:27	Date and time of file creation	ontime1	3196.7999881506	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3196.7999881506	Sum of GTIs [s]
			ontime3	3196.7999881506	Sum of GTIs [s]
			ontime6	3196.7999881506	Sum of GTIs [s]
			ontime7	3196.7999881506	Sum of GTIs [s]
			l1events	367129	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	57812	56641	59883	59236	60709	72848	grade 0 events	15035	14785	14901	15297	15185	7996
rejected events	30102	28941	32752	31641	32069	29598		26%	26%	24%	25%	25%	10%
rejected %	52%	51%	54%	53%	52%	40%	grade 1 events	114	107	134	134	103	56
								0%	0%	0%	0%	0%	0%
							grade 2 events	5155	5301	4883	5054	5333	9659
								8%	9%	8%	8%	8%	13%
							grade 3 events	1893	1908	1957	1954	1980	4084
								3%	3%	3%	3%	3%	5%
							grade 4 events	1915	1877	1945	1896	1923	4007
								3%	3%	3%	3%	3%	5%
							grade 5 events	1697	1809	1549	1810	1899	4759
								2%	3%	2%	3%	3%	6%
							grade 6 events	4410	4466	4080	4065	4860	18493
								7%	7%	6%	6%	8%	25%
							grade 7 events	27593	26388	30434	29026	29426	23794
								47%	46%	50%	49%	48%	32%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	43.0153572975841
[deg] Pointing Dec	0	23.16210403876146
[deg] Pointing Roll	0.0	272.3808983394914
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	376054228.71602	376054228.71602
Observation start date	2009-12-01T11:30:29	2009-12-01T11:30:28
[s] Observation end time (MET)	376058776.66829	376058776.66829
Observation end date	2009-12-01T12:46:17	2009-12-01T12:46:16
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)	2012.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1967999881506

A.2 Comments