

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52543 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 16 2014

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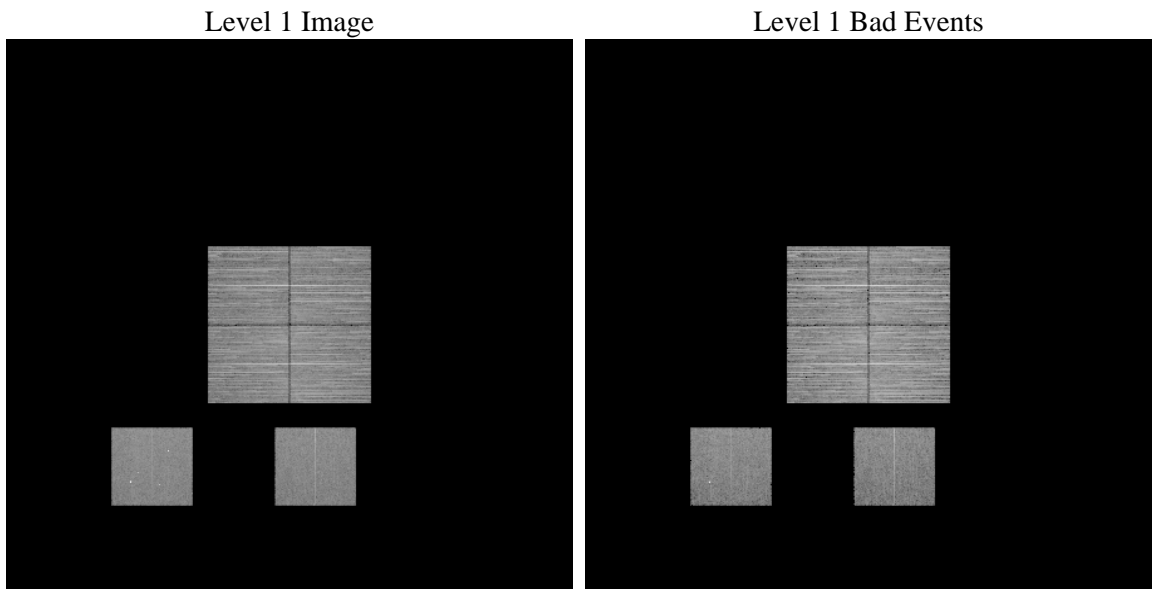
1 Front

seq_num	 	Sequence number
obs_id	52543	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	336.58149009101	Nominal RA [deg]
dec_nom	-12.877354941975	Nominal Dec [deg]
roll_nom	95.791737227769	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8117.782994926	Sum of GTIs [s]
livetime	8014.9907387021	Livetime [s]
ontime0	8117.7419549227	Sum of GTIs [s]
ontime1	8117.7009149194	Sum of GTIs [s]
ontime2	8117.6598749161	Sum of GTIs [s]
ontime3	8117.8240349293	Sum of GTIs [s]
ontime5	8117.6188349128	Sum of GTIs [s]
ontime7	8117.782994926	Sum of GTIs [s]
l2events	195508	Number of level 2 events

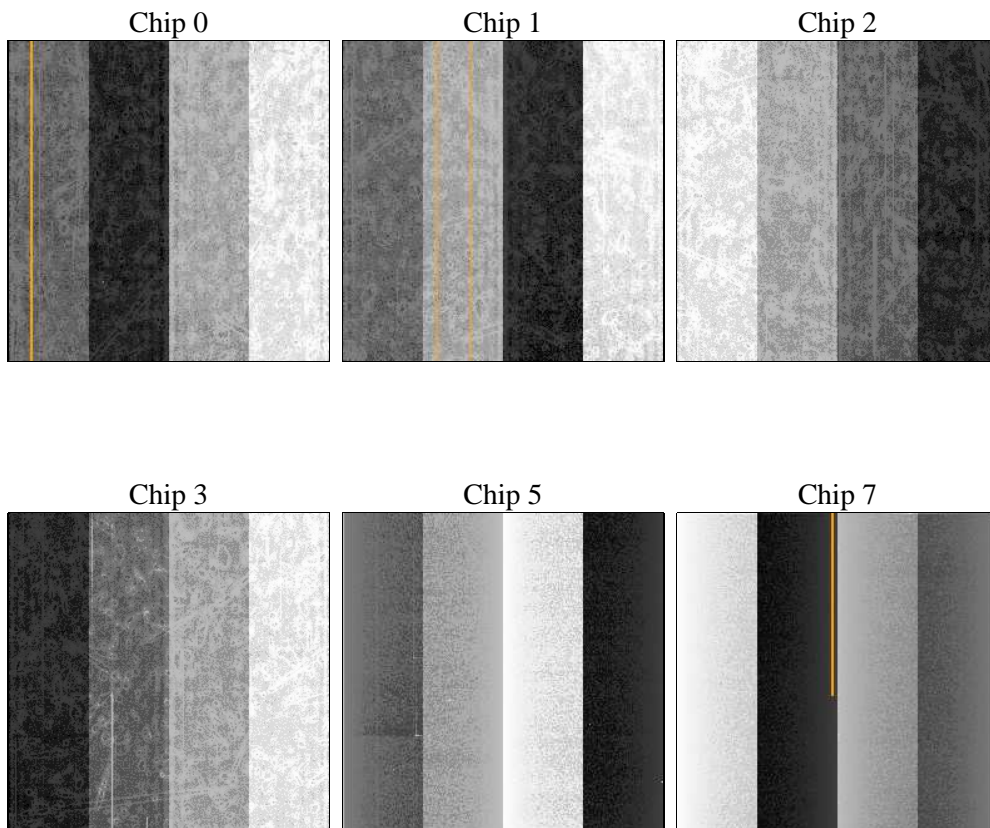
2 OBI

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	8117.782994926	Sum of GTIs [s]
caldsver	4.6.2	 	ontime0	8117.7419549227	Sum of GTIs [s]
date	2014-08-17T02:50:01	Date and time of file creation	ontime1	8117.7009149194	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8117.6598749161	Sum of GTIs [s]
			ontime3	8117.8240349293	Sum of GTIs [s]
			ontime5	8117.6188349128	Sum of GTIs [s]
			ontime7	8117.782994926	Sum of GTIs [s]
			l1events	830903	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	136093	144074	147451	155605	128920	118760	grade 0 events	12756	12286	13225	13109	6963	6878
rejected events	110974	118847	122134	130575	72060	67944		9%	8%	8%	8%	5%	5%
rejected %	81%	82%	82%	83%	55%	57%	grade 1 events	81	55	74	72	129	77
								0%	0%	0%	0%	0%	0%
							grade 2 events	5271	5567	4983	4937	21011	12793
								3%	3%	3%	3%	16%	10%
							grade 3 events	1793	1683	1803	1779	1962	4248
								1%	1%	1%	1%	1%	3%
							grade 4 events	1726	1821	1851	1839	1915	4249
								1%	1%	1%	1%	1%	3%
							grade 5 events	2757	2866	2718	3127	5971	7566
								2%	1%	1%	2%	4%	6%
							grade 6 events	4111	4386	4009	3921	26186	23789
								3%	3%	2%	2%	20%	20%
							grade 7 events	107598	115410	118788	126821	64783	59160
								79%	80%	80%	81%	50%	49%

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	336.5814900910101
[deg] Pointing Dec	0	-12.8773549419746
[deg] Pointing Roll	0.0	95.79173722776913
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)	524573924.428628	524573924.428628
Observation start date	2014-08-16T10:58:44	2014-08-16T10:58:44
[s] Observation end time (MET)	524583471.494988	524583471.494988
Observation end date	2014-08-16T13:37:51	2014-08-16T13:37:51
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)	2014.08.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.117782994926

A.2 Comments