

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51752 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 13 2015

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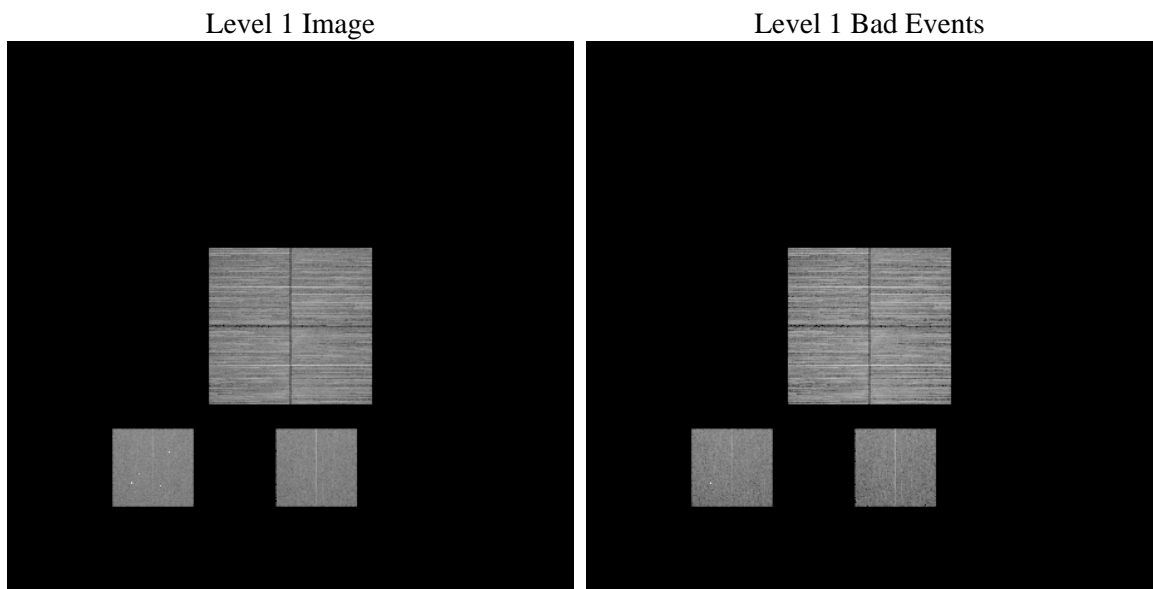
1 Front

seq_num	 	Sequence number
obs_id	51752	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	321.78962378156	Nominal RA [deg]
dec_nom	-35.365564686809	Nominal Dec [deg]
roll_nom	78.066000924118	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8460.8001260757	Sum of GTIs [s]
livetime	8353.6643803972	Livetime [s]
ontime0	8460.8001260757	Sum of GTIs [s]
ontime1	8460.8001260757	Sum of GTIs [s]
ontime2	8460.8001260757	Sum of GTIs [s]
ontime3	8460.8001260757	Sum of GTIs [s]
ontime5	8460.8001260757	Sum of GTIs [s]
ontime7	8460.8001260757	Sum of GTIs [s]
l2events	181116	Number of level 2 events

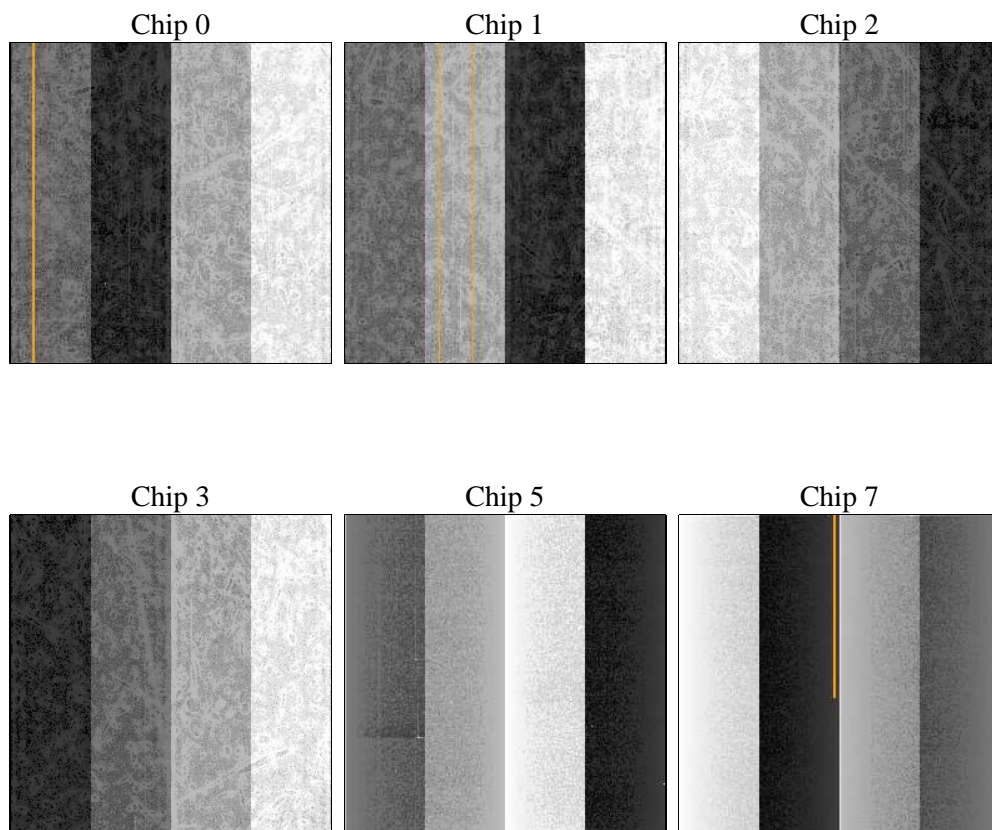
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.4.1	Processing system revision	ontime	8460.8001260757	Sum of GTIs [s]
caldsver	4.6.8	 	ontime0	8460.8001260757	Sum of GTIs [s]
date	2015-07-13T22:29:51	Date and time of file creation	ontime1	8460.8001260757	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8460.8001260757	Sum of GTIs [s]
			ontime3	8460.8001260757	Sum of GTIs [s]
			ontime5	8460.8001260757	Sum of GTIs [s]
			ontime7	8460.8001260757	Sum of GTIs [s]
			l1events	847130	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	140795	151216	151028	156340	130581	117170	grade 0 events	10585	10516	11222	11260	7110	5992
rejected events	118887	128872	128758	134070	73898	68246		7%	6%	7%	7%	5%	5%
rejected %	84%	85%	85%	85%	56%	58%	grade 1 events	61	54	76	68	127	85
								0%	0%	0%	0%	0%	0%
							grade 2 events	4712	4999	4391	4342	19967	12190
								3%	3%	2%	2%	15%	10%
							grade 3 events	1514	1532	1587	1567	1760	3858
								1%	1%	1%	1%	1%	3%
							grade 4 events	1505	1515	1573	1570	1767	3838
								1%	1%	1%	1%	1%	3%
							grade 5 events	2980	2957	2774	3190	6421	7615
								2%	1%	1%	2%	4%	6%
							grade 6 events	3592	3782	3497	3531	26079	23046
								2%	2%	2%	2%	19%	19%
							grade 7 events	115846	125861	125908	130812	67350	60546
								82%	83%	83%	83%	51%	51%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	321.7896237815644	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-35.36556468680882	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	78.06600092411807	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	553173148.025759	553173147.00076			
Observation start date	2015-07-13T11:12:28	2015-07-13T11:12:27			
[s] Observation end time (MET)	553185460.326452	553185459.30145			
Observation end date	2015-07-13T14:37:40	2015-07-13T14:37:39			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.07.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4608001260757

A.2 Comments