

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 51958 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 13 2015

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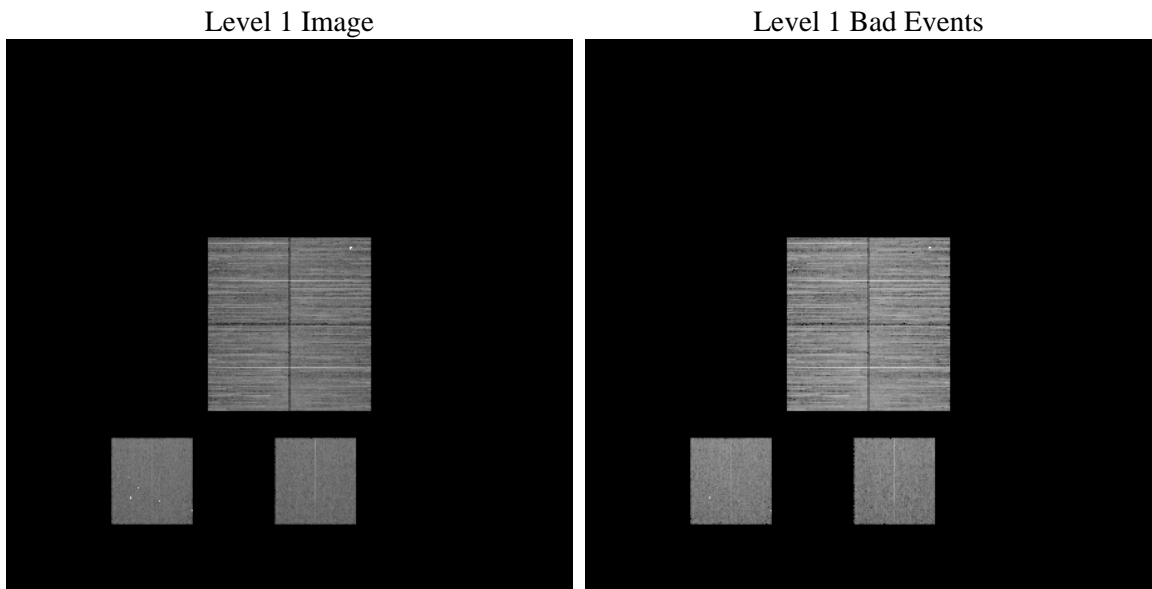
1 Front

seq_num	 	Sequence number
obs_id	51958	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	191.80256380973	Nominal RA [deg]
dec_nom	22.759491768671	Nominal Dec [deg]
roll_nom	196.32623970078	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8018.7665174007	Sum of GTIs [s]
livetime	7917.2280674359	Livetime [s]
ontime0	8018.7254773378	Sum of GTIs [s]
ontime1	8018.6844373941	Sum of GTIs [s]
ontime2	8018.6433973312	Sum of GTIs [s]
ontime3	8018.8075573444	Sum of GTIs [s]
ontime5	8018.6023573875	Sum of GTIs [s]
ontime7	8018.7665174007	Sum of GTIs [s]
l2events	163031	Number of level 2 events

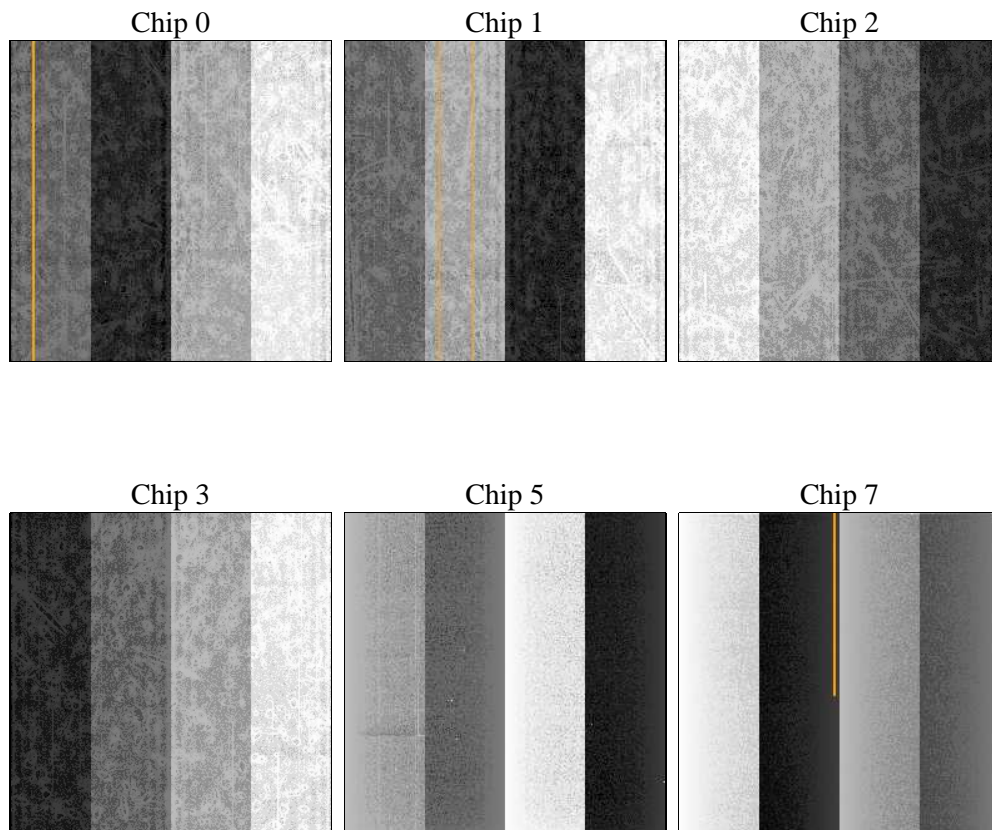
2 OBI

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	10.3.3	Processing system revision	ontime	8018.7665174007	Sum of GTIs [s]
caldbver	4.6.7	 	ontime0	8018.7254773378	Sum of GTIs [s]
date	2015-04-13T10:55:04	Date and time of file creation	ontime1	8018.6844373941	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8018.6433973312	Sum of GTIs [s]
			ontime3	8018.8075573444	Sum of GTIs [s]
			ontime5	8018.6023573875	Sum of GTIs [s]
			ontime7	8018.7665174007	Sum of GTIs [s]
			l1events	784949	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	127084	154401	143627	134056	119235	106546	grade 0 events	10129	18818	10553	10884	8225	5433
rejected events	106271	124219	122914	112786	66478	63594		7%	12%	7%	8%	6%	5%
rejected %	83%	80%	85%	84%	55%	59%	grade 1 events	42	2586	51	63	247	59
								0%	1%	0%	0%	0%	0%
							grade 2 events	4838	5570	4489	4553	19455	11054
								3%	3%	3%	3%	16%	10%
							grade 3 events	1514	1434	1511	1552	1601	3277
								1%	0%	1%	1%	1%	3%
							grade 4 events	1431	1336	1447	1506	1635	3259
								1%	0%	1%	1%	1%	3%
							grade 5 events	2555	2410	2393	2810	4905	6199
								2%	1%	1%	2%	4%	5%
							grade 6 events	3598	3985	3390	3526	23759	21359
								2%	2%	2%	2%	19%	20%
							grade 7 events	102977	118262	119793	109162	59408	55906
								81%	76%	83%	81%	49%	52%

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	OVERRIDE	OVERRIDE
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	191.8025638097326	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	22.75949176867127	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	196.3262397007764	[s] Primary exposure time	3.2	3.2
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)	545134517.424535	545134517.424535			
Observation start date	2015-04-11T10:15:17	2015-04-11T10:15:17			
[s] Observation end time (MET)	545144064.36107	545144064.36107			
Observation end date	2015-04-11T12:54:24	2015-04-11T12:54:24			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.04.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0187665174007

A.2 Comments