

V&V Reference Report

L2 ASCDS Version : 10.3

Observation 52347 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 1 2014

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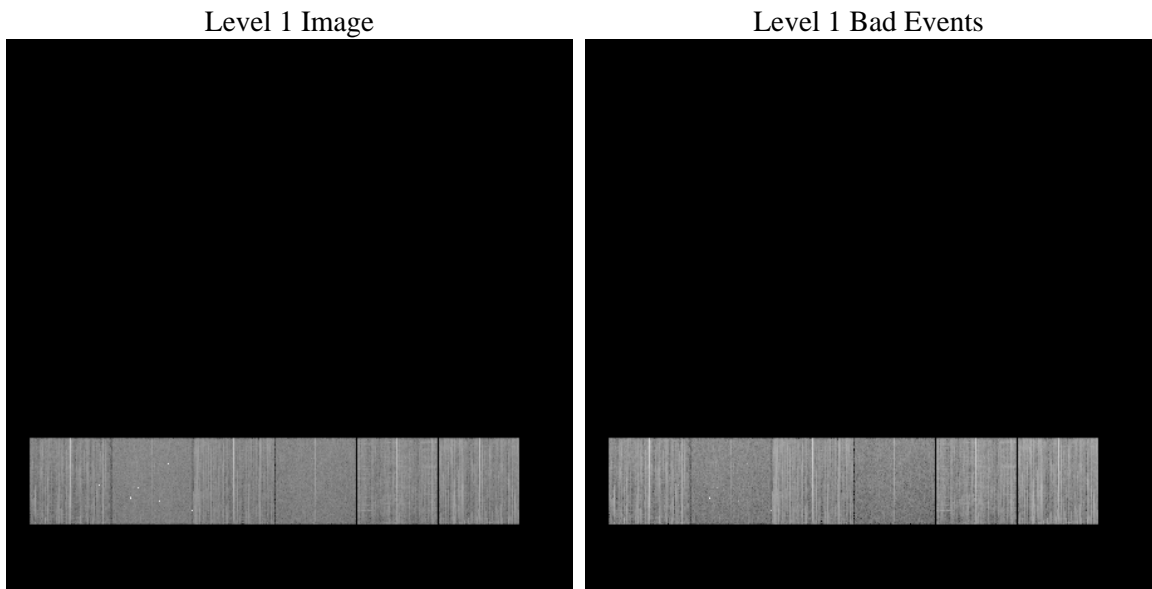
1 Front

seq_num	 	Sequence number
obs_id	52347	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	26.903414191452	Nominal RA [deg]
dec_nom	35.026530481832	Nominal Dec [deg]
roll_nom	192.30557813924	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8015.9999701977	Sum of GTIs [s]
livetime	7914.4965519193	Livetime [s]
ontime4	8015.9999701977	Sum of GTIs [s]
ontime5	8015.9999701977	Sum of GTIs [s]
ontime6	8015.9999701977	Sum of GTIs [s]
ontime7	8015.9999701977	Sum of GTIs [s]
ontime8	8015.9999701977	Sum of GTIs [s]
ontime9	8015.9999701977	Sum of GTIs [s]
l2events	186826	Number of level 2 events

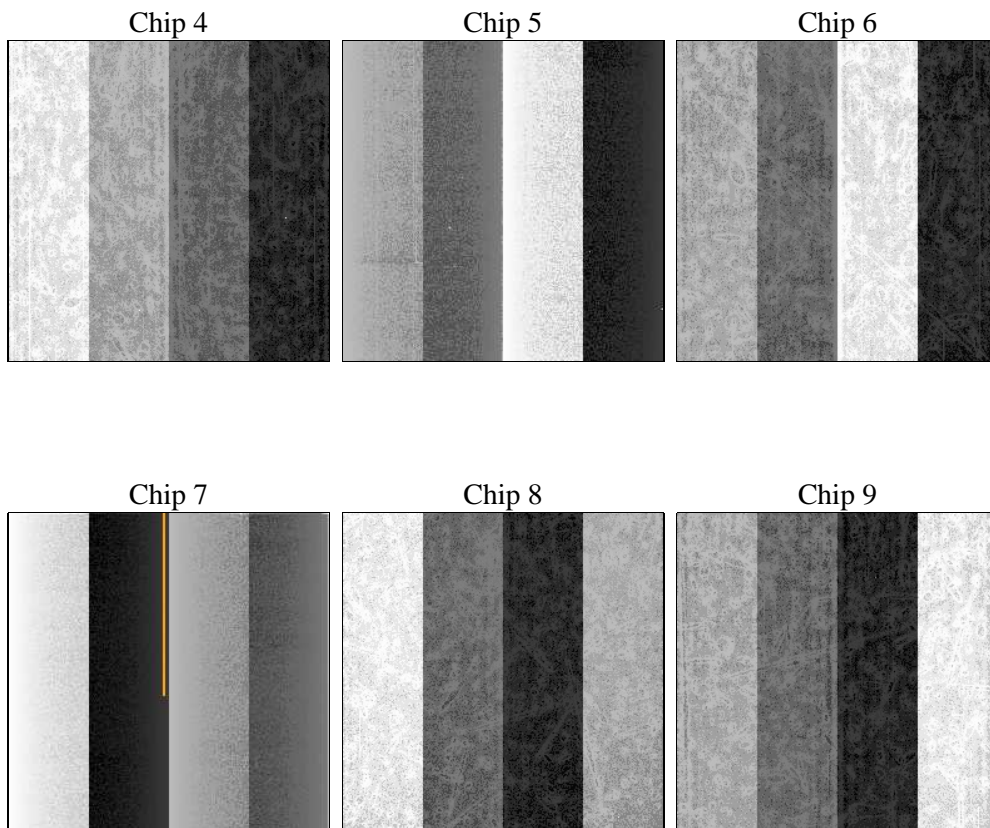
2 OBI

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	Processing system revision	ontime	8015.9999701977	Sum of GTIs [s]
caldsver	4.6.4	 	ontime4	8015.9999701977	Sum of GTIs [s]
date	2014-11-01T15:40:51	Date and time of file creation	ontime5	8015.9999701977	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8015.9999701977	Sum of GTIs [s]
			ontime7	8015.9999701977	Sum of GTIs [s]
			ontime8	8015.9999701977	Sum of GTIs [s]
			ontime9	8015.9999701977	Sum of GTIs [s]
			l1events	875580	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	148277	135120	153889	119159	154685	164450	grade 0 events	15105	10417	11997	6549	14895	12136
rejected events	122355	76306	129321	70314	121887	140344		10%	7%	7%	5%	9%	7%
rejected %	82%	56%	84%	59%	78%	85%	grade 1 events	117	217	67	83	91	79
								0%	0%	0%	0%	0%	0%
							grade 2 events	4736	20723	5513	12412	7122	5103
								3%	15%	3%	10%	4%	3%
							grade 3 events	1809	1920	1650	3918	2680	1722
								1%	1%	1%	3%	1%	1%
							grade 4 events	1665	1848	1628	3889	2630	1730
								1%	1%	1%	3%	1%	1%
							grade 5 events	3175	5992	3084	7287	4148	3456
								2%	4%	2%	6%	2%	2%
							grade 6 events	3485	25905	4597	23744	6699	4238
								2%	19%	2%	19%	4%	2%
							grade 7 events	118185	68098	125353	61277	116420	135986
								79%	50%	81%	51%	75%	82%

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	26.90341419145173
[deg] Pointing Dec	0	35.0265304818324
[deg] Pointing Roll	0.0	192.3055781392425
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)	531199219.346596	531199219.346596
Observation start date	2014-11-01T03:20:19	2014-11-01T03:20:19
[s] Observation end time (MET)	531208467.495401	531208467.495401
Observation end date	2014-11-01T05:54:27	2014-11-01T05:54:27
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.11.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0159999701977

A.2 Comments