

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57542 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 25 2012

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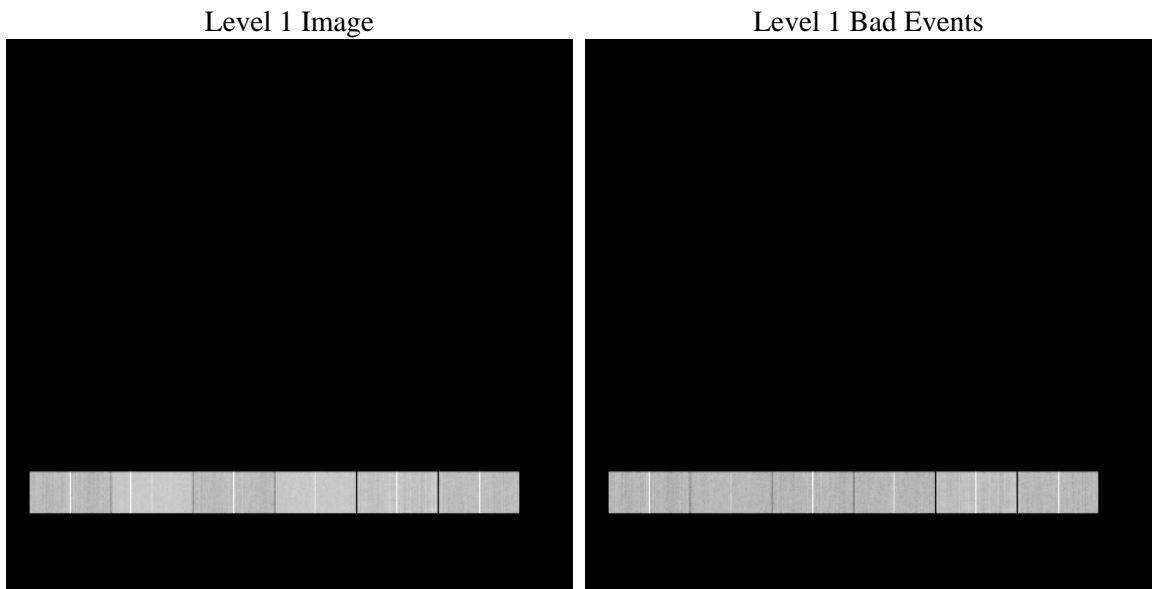
1 Front

seq_num	 	Sequence number
obs_id	57542	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	46.004862150898	Nominal RA [deg]
dec_nom	-4.9716968982144	Nominal Dec [deg]
roll_nom	47.428426492092	Nominal Roll [deg]
revision	2	Processing version of data
ontime	9303.0	Sum of GTIs [s]
livetime	9266.66015625	Livetime [s]
ontime4	5236.2552477121	Sum of GTIs [s]
ontime5	9303.0	Sum of GTIs [s]
ontime6	5723.8829624653	Sum of GTIs [s]
ontime7	9303.0	Sum of GTIs [s]
ontime8	5827.4843116403	Sum of GTIs [s]
ontime9	5680.1072597504	Sum of GTIs [s]
l2events	404019	Number of level 2 events

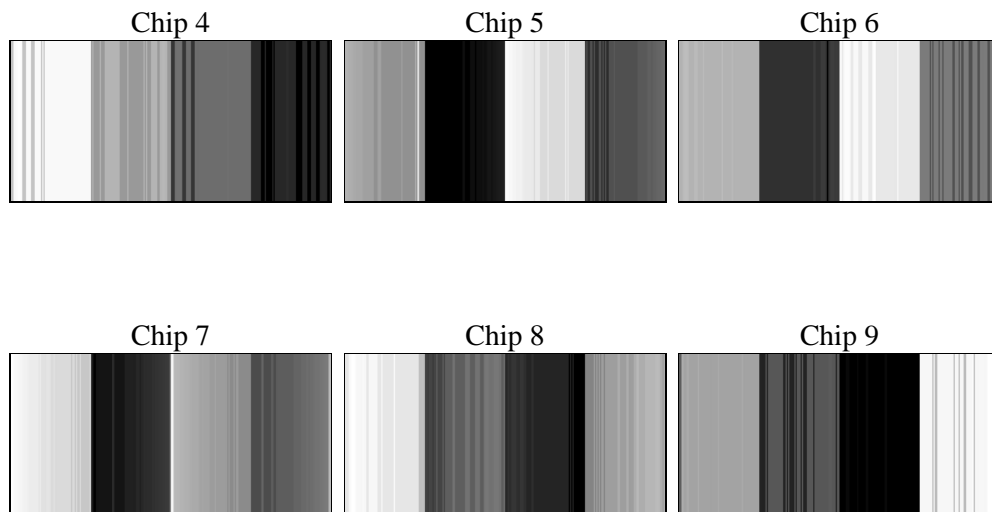
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	9303.0	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	5236.2552477121	Sum of GTIs [s]
date	2012-05-25T04:53:23	Date and time of file creation	ontime5	9303.0	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5723.8829624653	Sum of GTIs [s]
			ontime7	9303.0	Sum of GTIs [s]
			ontime8	5827.4843116403	Sum of GTIs [s]
			ontime9	5680.1072597504	Sum of GTIs [s]
			l1events	1604124	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	214970	337098	223058	308639	290295	230064	grade 0 events	6068	29258	5820	20872	12002	6657
rejected events	184102	170862	184120	165830	243152	193601		2%	8%	2%	6%	4%	2%
rejected %	85%	50%	82%	53%	83%	84%	grade 1 events	111	159	49	204	127	81
								0%	0%	0%	0%	0%	0%
							grade 2 events	33035	66612	37966	42710	40057	35970
								15%	19%	17%	13%	13%	15%
							grade 3 events	1719	3333	1768	9690	3311	1745
								0%	0%	0%	3%	1%	0%
							grade 4 events	1740	3127	1666	9486	3185	1832
								0%	0%	0%	3%	1%	0%
							grade 5 events	2725	10587	3019	12866	4101	3245
								1%	3%	1%	4%	1%	1%
							grade 6 events	10483	64628	13739	60679	16404	12726
								4%	19%	6%	19%	5%	5%
							grade 7 events	159089	159394	159031	152132	211108	167808
								74%	47%	71%	49%	72%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	CC33_FAINT	CC33_FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	46.00486215089756	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-4.971696898214432	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	47.4284264920923	[s] Primary exposure time	0	0
[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)	341125109.27489	341125108.24989			
Observation start date	2008-10-23T04:58:29	2008-10-23T04:58:28			
[s] Observation end time (MET)	341146419.025941	341146418.00094			
Observation end date	2008-10-23T10:53:39	2008-10-23T10:53:38			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.303

A.2 Comments