

V&V Reference Report

L2 ASCDS Version : 10.2.2

Observation 52789 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 8 2014

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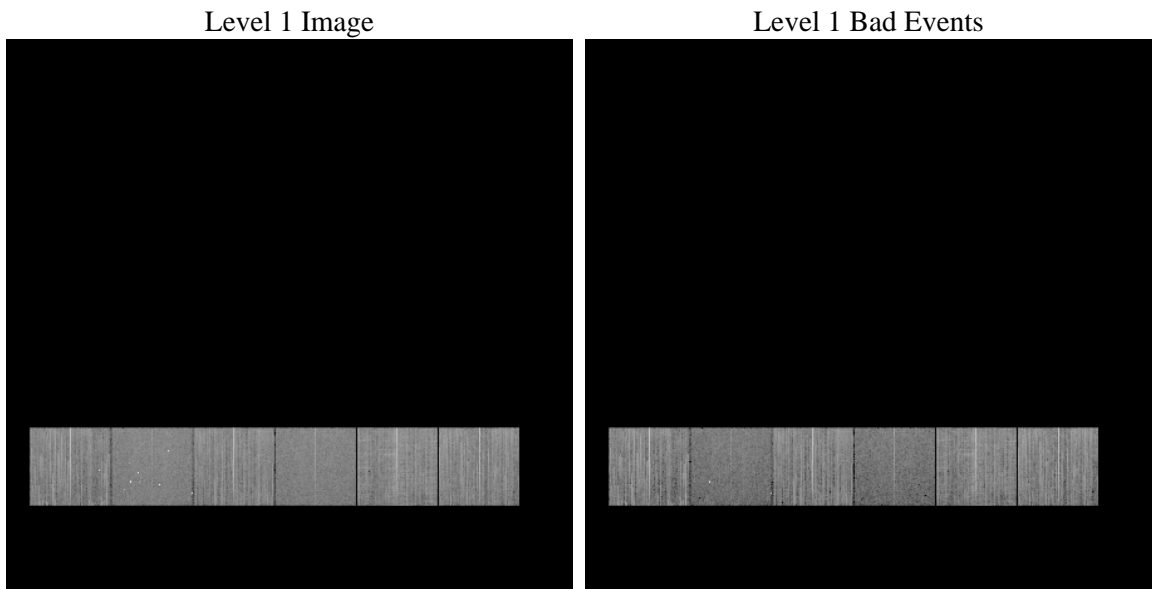
1 Front

seq_num	 	Sequence number
obs_id	52789	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	209.98360551334	Nominal RA [deg]
dec_nom	22.976828811219	Nominal Dec [deg]
roll_nom	201.0848899261	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8280.1947875619	Sum of GTIs [s]
livetime	8175.3459754271	Livetime [s]
ontime4	8280.071667552	Sum of GTIs [s]
ontime5	8280.1537475586	Sum of GTIs [s]
ontime6	8280.1127075553	Sum of GTIs [s]
ontime7	8280.1947875619	Sum of GTIs [s]
ontime8	8280.0306275487	Sum of GTIs [s]
ontime9	8280.2358275652	Sum of GTIs [s]
l2events	201192	Number of level 2 events

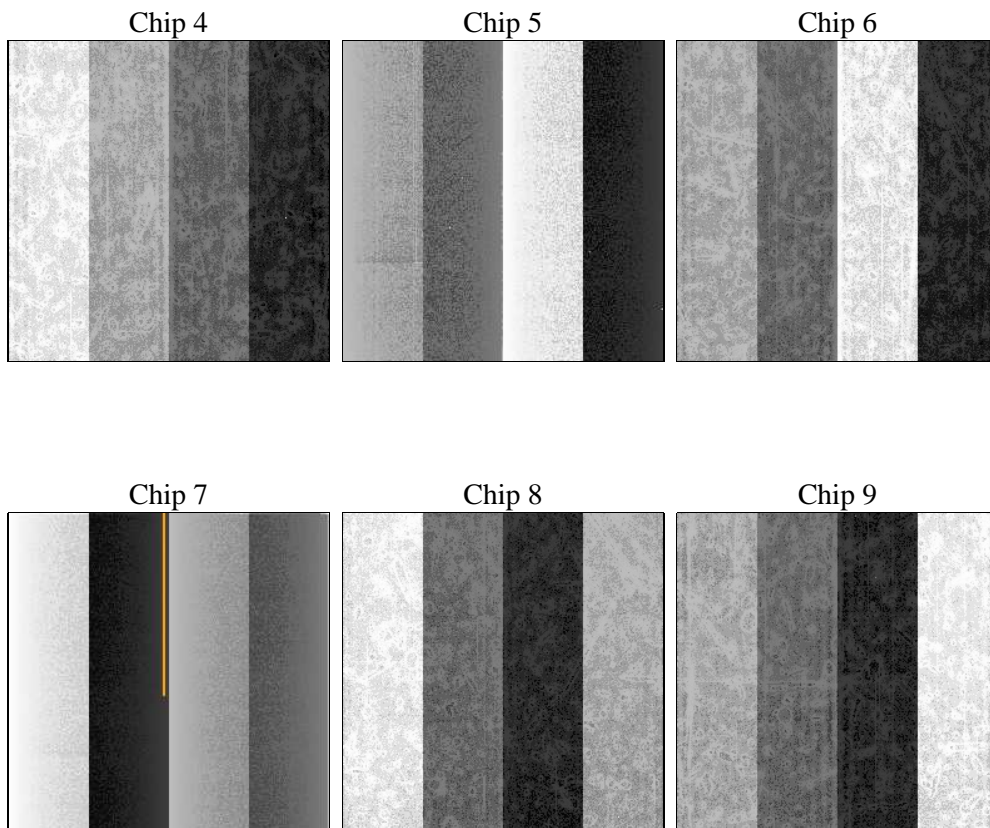
2 OBI

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	10.2.2	Processing system revision	ontime	8280.1947875619	Sum of GTIs [s]
caldsver	4.6.1	 	ontime4	8280.071667552	Sum of GTIs [s]
date	2014-05-08T14:34:26	Date and time of file creation	ontime5	8280.1537475586	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8280.1127075553	Sum of GTIs [s]
			ontime7	8280.1947875619	Sum of GTIs [s]
			ontime8	8280.0306275487	Sum of GTIs [s]
			ontime9	8280.2358275652	Sum of GTIs [s]
			l1events	845748	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	145134	133829	143498	116599	154794	151894	grade 0 events	16486	11594	12718	6723	15822	13134
rejected events	116154	71730	116022	65552	119139	125244		11%	8%	8%	5%	10%	8%
rejected %	80%	53%	80%	56%	76%	82%	grade 1 events	121	268	55	54	80	74
								0%	0%	0%	0%	0%	0%
							grade 2 events	5227	20701	6345	12634	7598	5398
								3%	15%	4%	10%	4%	3%
							grade 3 events	1833	1849	1739	3904	2609	1790
								1%	1%	1%	3%	1%	1%
							grade 4 events	1836	1600	1759	3856	2587	1716
								1%	1%	1%	3%	1%	1%
							grade 5 events	3103	5732	2814	7009	3997	3322
								2%	4%	1%	6%	2%	2%
							grade 6 events	3598	26355	4915	23930	7039	4612
								2%	19%	3%	20%	4%	3%
							grade 7 events	112930	65730	113153	58489	115062	121848
								77%	49%	78%	50%	74%	80%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	209.9836055133407	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	22.9768288112188	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	201.0848899260985	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	515892055.048212	515892054.02321			
Observation start date	2014-05-07T23:20:55	2014-05-07T23:20:54			
[s] Observation end time (MET)	515905902.798975	515905901.77398			
Observation end date	2014-05-08T03:11:43	2014-05-08T03:11:41			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2801947875619

A.2 Comments