

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56622 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 17 2012

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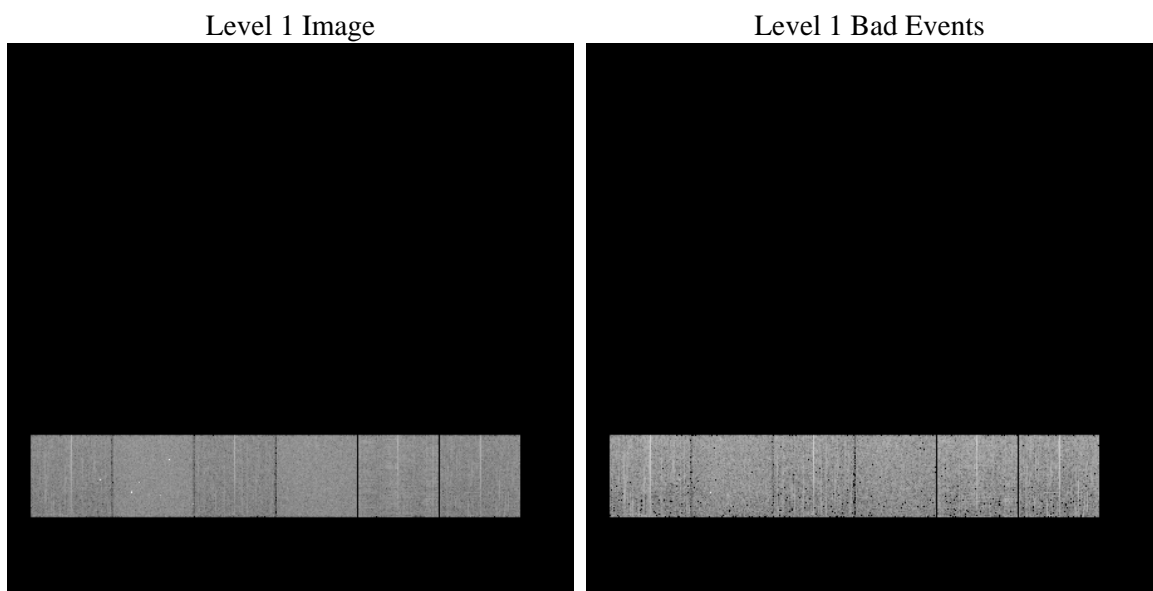
1 Front

seq_num	 	Sequence number
obs_id	56622	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	64.956686219385	Nominal RA [deg]
dec_nom	35.979278776269	Nominal Dec [deg]
roll_nom	200.5965215946	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3270.3999878764	Sum of GTIs [s]
livetime	3228.9882140315	Livetime [s]
ontime4	3270.3999878764	Sum of GTIs [s]
ontime5	3270.3999878764	Sum of GTIs [s]
ontime6	3270.3999878764	Sum of GTIs [s]
ontime7	3270.3999878764	Sum of GTIs [s]
ontime8	3270.3999878764	Sum of GTIs [s]
ontime9	3270.3999878764	Sum of GTIs [s]
l2events	190567	Number of level 2 events

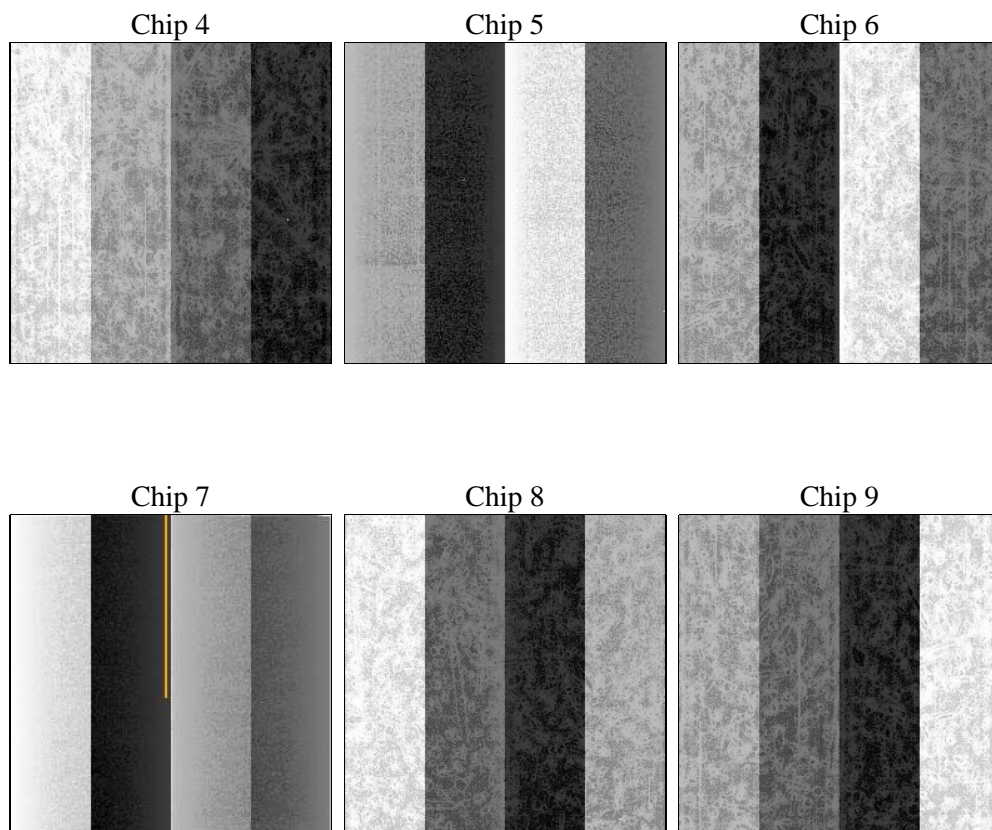
2 OBI

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	8.4.5	Processing system revision	ontime	3270.3999878764	Sum of GTIs [s]
caldbver	4.4.10	 	ontime4	3270.3999878764	Sum of GTIs [s]
date	2012-06-17T17:27:33	Date and time of file creation	ontime5	3270.3999878764	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3270.3999878764	Sum of GTIs [s]
			ontime7	3270.3999878764	Sum of GTIs [s]
			ontime8	3270.3999878764	Sum of GTIs [s]
			ontime9	3270.3999878764	Sum of GTIs [s]
			l1events	401950	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	61874	76957	59948	73336	69742	60093
rejected events	33856	30563	31154	29473	34071	32281
rejected %	54%	39%	51%	40%	48%	53%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	15877	7358	14965	7888	16867	14611
	25%	9%	24%	10%	24%	24%
grade 1 events	176	281	110	60	103	126
	0%	0%	0%	0%	0%	0%
grade 2 events	4498	16328	5123	9676	6935	4845
	7%	21%	8%	13%	9%	8%
grade 3 events	2012	2088	1914	4042	2615	1958
	3%	2%	3%	5%	3%	3%
grade 4 events	1911	2055	1958	4045	2678	1928
	3%	2%	3%	5%	3%	3%
grade 5 events	1819	4087	1817	4950	2382	2013
	2%	5%	3%	6%	3%	3%
grade 6 events	3748	18616	4863	18259	6608	4497
	6%	24%	8%	24%	9%	7%
grade 7 events	31833	26144	29198	24416	31554	30115
	51%	33%	48%	33%	45%	50%

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	64.95668621938466	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	35.97927877626867	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	200.5965215946004	[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)	376282621.277552	376282620.25254			
Observation start date	2009-12-04T02:57:01	2009-12-04T02:57:00			
[s] Observation end time (MET)	376296858.52827	376296857.50326			
Observation end date	2009-12-04T06:54:19	2009-12-04T06:54:17			
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)	2012.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2703999878764

A.2 Comments