

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56635 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 18 2012

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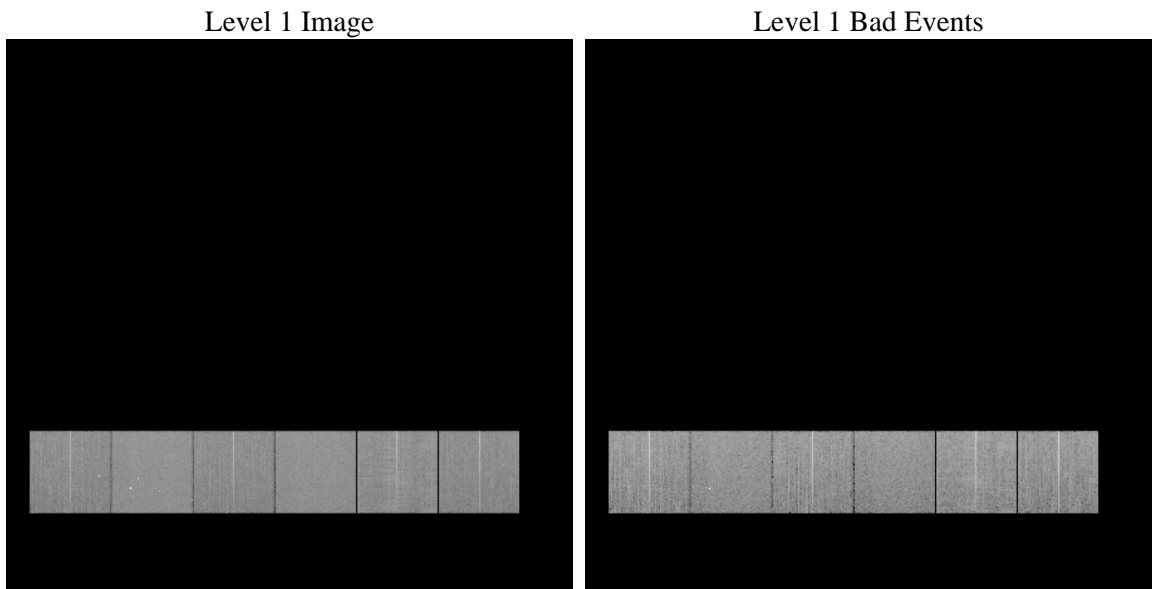
1 Front

seq_num	 	Sequence number
obs_id	56635	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	45.004852666449	Nominal RA [deg]
dec_nom	38.90812948437	Nominal Dec [deg]
roll_nom	225.58032084676	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8220.7999694347	Sum of GTIs [s]
livetime	8116.7032502503	Livetime [s]
ontime4	8220.7999694347	Sum of GTIs [s]
ontime5	8220.7999694347	Sum of GTIs [s]
ontime6	8220.7999694347	Sum of GTIs [s]
ontime7	8220.7999694347	Sum of GTIs [s]
ontime8	8217.5591085553	Sum of GTIs [s]
ontime9	8220.7999694347	Sum of GTIs [s]
l2events	477664	Number of level 2 events

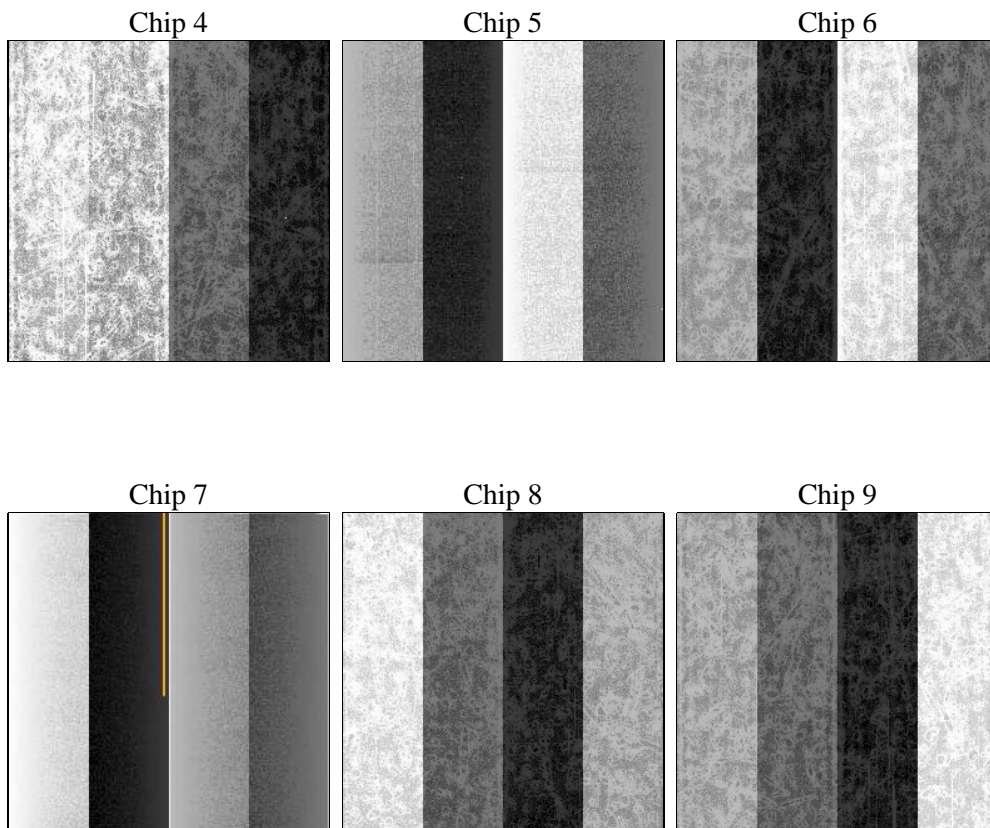
2 OBI

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	8220.7999694347	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8220.7999694347	Sum of GTIs [s]
date	2012-06-17T08:58:34	Date and time of file creation	ontime5	8220.7999694347	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8220.7999694347	Sum of GTIs [s]
			ontime7	8220.7999694347	Sum of GTIs [s]
			ontime8	8217.5591085553	Sum of GTIs [s]
			ontime9	8220.7999694347	Sum of GTIs [s]
			l1events	1018625	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	157517	191169	155136	182064	177676	155063	grade 0 events	40685	15488	38000	19802	42928	37760
rejected events	86920	78973	82596	73039	89598	84068		25%	8%	24%	10%	24%	24%
rejected %	55%	41%	53%	40%	50%	54%	grade 1 events	398	280	261	174	289	292
								0%	0%	0%	0%	0%	0%
							grade 2 events	11107	40631	13173	23607	16897	12713
								7%	21%	8%	12%	9%	8%
							grade 3 events	5017	4871	4788	10112	6453	4852
								3%	2%	3%	5%	3%	3%
							grade 4 events	4961	4832	4751	9834	6489	4809
								3%	2%	3%	5%	3%	3%
							grade 5 events	4358	10337	4502	11552	6042	5051
								2%	5%	2%	6%	3%	3%
							grade 6 events	9250	47060	12269	46321	15824	11287
								5%	24%	7%	25%	8%	7%
							grade 7 events	81741	67670	77392	60662	82754	78299
								51%	35%	49%	33%	46%	50%

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	45.00485266644883
[deg] Pointing Dec	0	38.90812948436985
[deg] Pointing Roll	0.0	225.5803208467598
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	375861354.456294	375861354.456294
Observation start date	2009-11-29T05:55:54	2009-11-29T05:55:54
[s] Observation end time (MET)	375870912.378376	375870912.378376
Observation end date	2009-11-29T08:35:12	2009-11-29T08:35:12
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)	2012.06.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2207999694347

A.2 Comments