

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56060 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 2 2012

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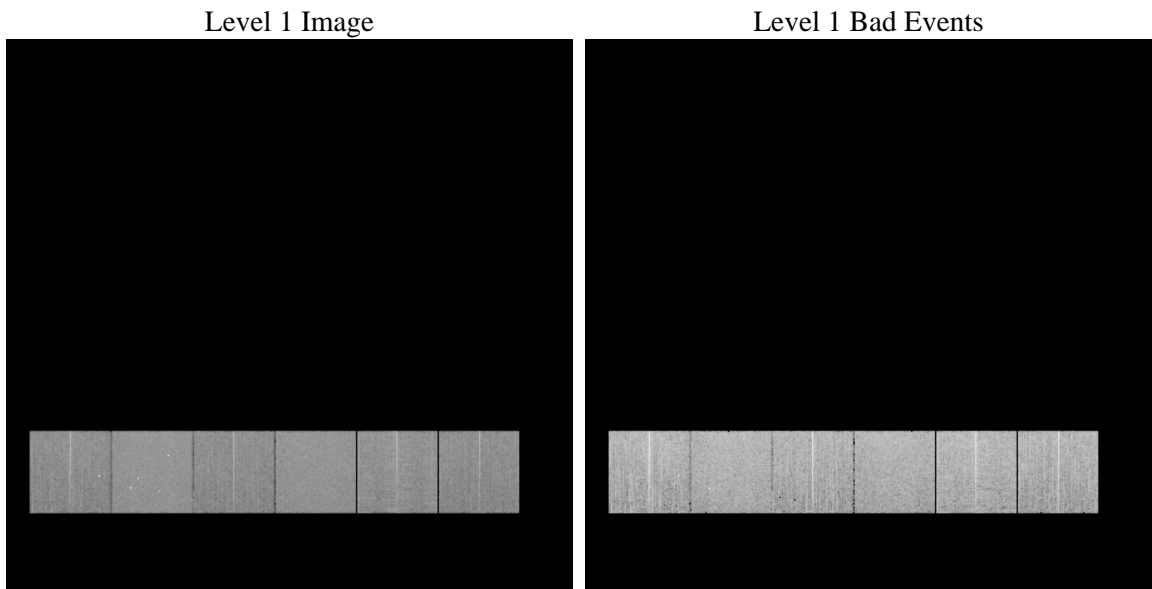
1 Front

seq_num	 	Sequence number
obs_id	56060	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	347.71815738269	Nominal RA [deg]
dec_nom	-31.974917944591	Nominal Dec [deg]
roll_nom	33.699083383897	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8280.2664399147	Sum of GTIs [s]
livetime	8175.4167204746	Livetime [s]
ontime4	8280.1433199048	Sum of GTIs [s]
ontime5	8280.2253999114	Sum of GTIs [s]
ontime6	8280.1843599081	Sum of GTIs [s]
ontime7	8280.2664399147	Sum of GTIs [s]
ontime8	8280.1022799015	Sum of GTIs [s]
ontime9	8280.307479918	Sum of GTIs [s]
l2events	410951	Number of level 2 events

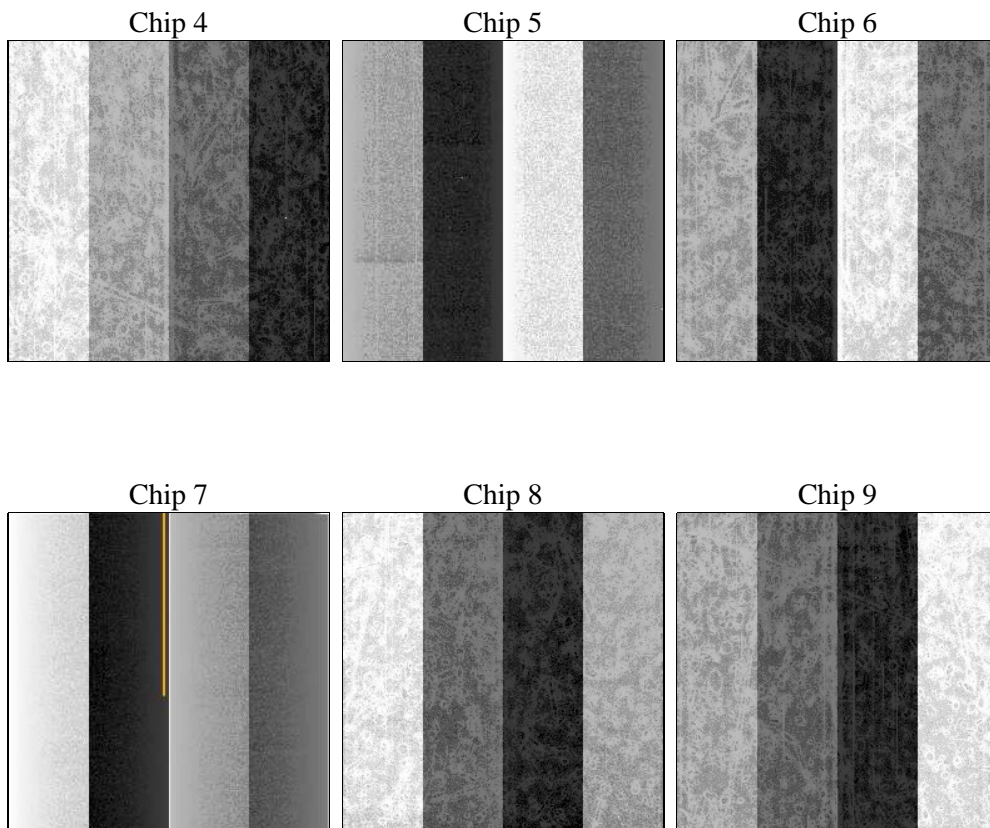
2 OBI

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	8280.2664399147	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	8280.1433199048	Sum of GTIs [s]
date	2012-07-02T07:24:44	Date and time of file creation	ontime5	8280.2253999114	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8280.1843599081	Sum of GTIs [s]
			ontime7	8280.2664399147	Sum of GTIs [s]
			ontime8	8280.1022799015	Sum of GTIs [s]
			ontime9	8280.307479918	Sum of GTIs [s]
			l1events	865557	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	131553	167806	127231	159039	151654	128274	grade 0 events	34693	15320	32442	16442	36646	32050
rejected events	71107	68818	64940	65158	75599	67489		26%	9%	25%	10%	24%	24%
rejected %	54%	41%	51%	40%	49%	52%	grade 1 events	317	169	184	142	233	206
								0%	0%	0%	0%	0%	0%
							grade 2 events	9502	34514	11547	20553	14589	10622
								7%	20%	9%	12%	9%	8%
							grade 3 events	4170	4238	4051	8473	5555	4178
								3%	2%	3%	5%	3%	3%
							grade 4 events	4166	4229	3986	8394	5361	4091
								3%	2%	3%	5%	3%	3%
							grade 5 events	3990	8965	4052	10224	5478	4600
								3%	5%	3%	6%	3%	3%
							grade 6 events	7915	40687	10265	40019	13904	9844
								6%	24%	8%	25%	9%	7%
							grade 7 events	66800	59684	60704	54792	69888	62683
								50%	35%	47%	34%	46%	48%

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	347.7181573826892	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-31.97491794459114	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	33.69908338389693	[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	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	399129210.289058	399129209.26405			
Observation start date	2010-08-25T13:13:30	2010-08-25T13:13:29			
[s] Observation end time (MET)	399152617.190258	399152616.16525			
Observation end date	2010-08-25T19:43:37	2010-08-25T19:43:36			
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)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2802664399147

A.2 Comments