

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58126 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 4 2012

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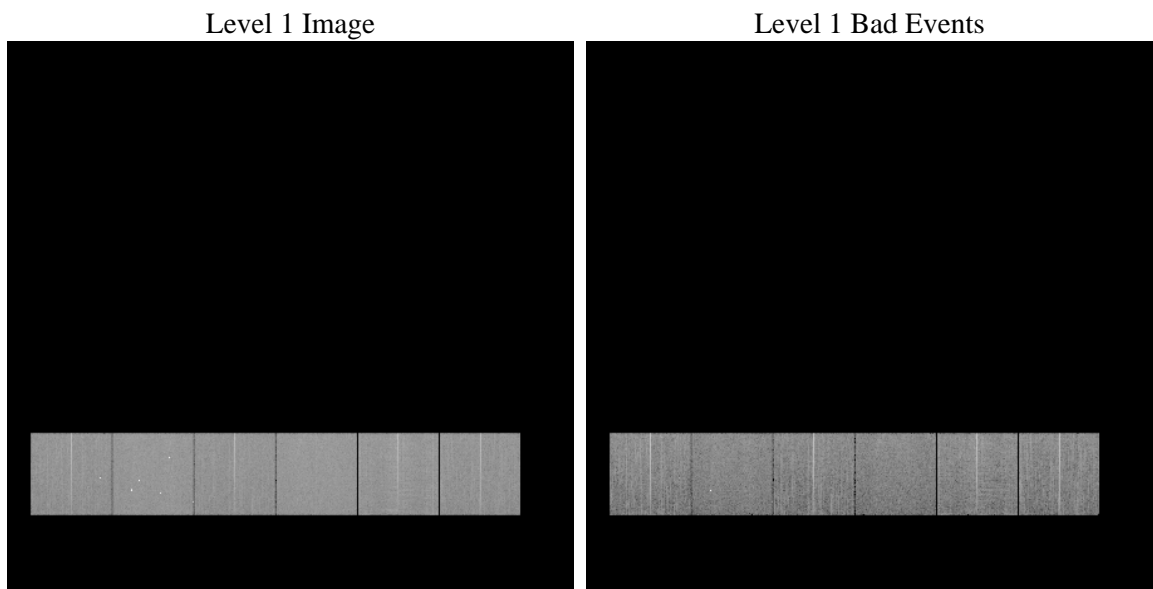
1 Front

seq_num	 	Sequence number
obs_id	58126	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	23.505799390425	Nominal RA [deg]
dec_nom	30.971705958722	Nominal Dec [deg]
roll_nom	247.06434826847	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8233.5999693871	Sum of GTIs [s]
livetime	8129.341168896	Livetime [s]
ontime4	8233.5999693871	Sum of GTIs [s]
ontime5	8233.5999693871	Sum of GTIs [s]
ontime6	8233.5999693871	Sum of GTIs [s]
ontime7	8233.5999693871	Sum of GTIs [s]
ontime8	8233.5999693871	Sum of GTIs [s]
ontime9	8233.5999693871	Sum of GTIs [s]
l2events	687383	Number of level 2 events

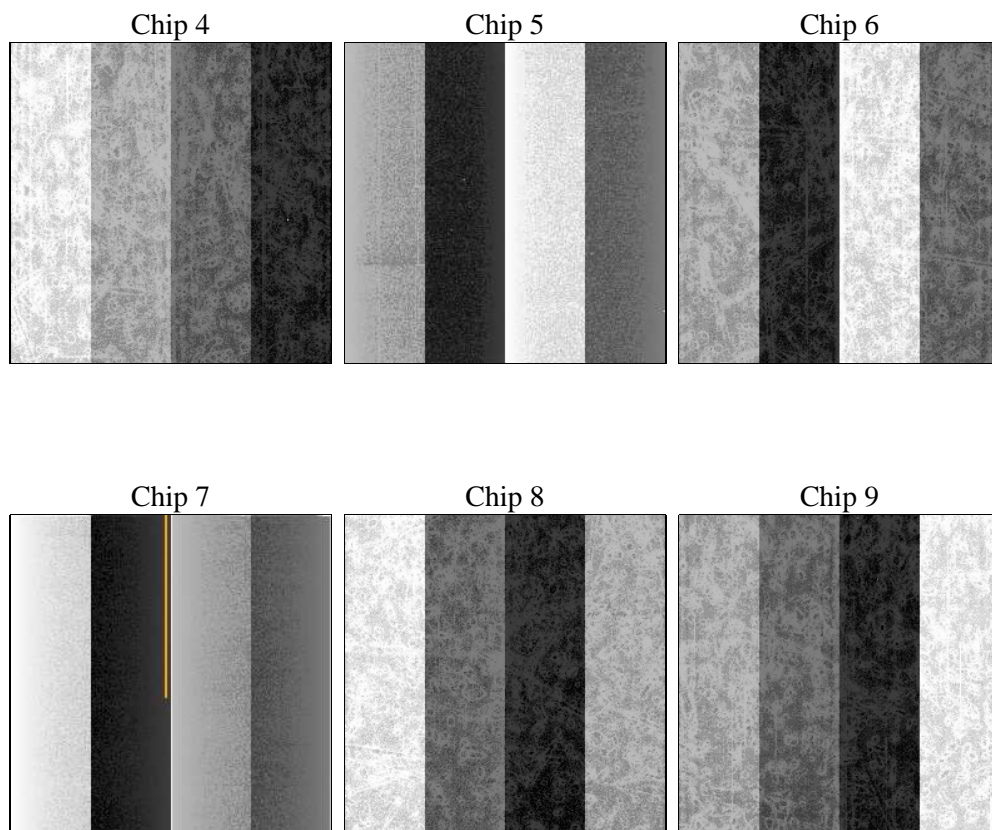
2 OBI

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	8.4.4	Processing system revision	ontime	8233.5999693871	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8233.5999693871	Sum of GTIs [s]
date	2012-05-04T16:45:22	Date and time of file creation	ontime5	8233.5999693871	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8233.5999693871	Sum of GTIs [s]
			ontime7	8233.5999693871	Sum of GTIs [s]
			ontime8	8233.5999693871	Sum of GTIs [s]
			ontime9	8233.5999693871	Sum of GTIs [s]
			l1events	1198173	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	190147	214025	188273	210076	208161	187491	grade 0 events	62831	27402	61183	29707	65095	60015
rejected events	81478	71448	74407	65710	81175	77288		33%	12%	32%	14%	31%	32%
rejected %	42%	33%	39%	31%	38%	41%	grade 1 events	597	223	391	177	412	421
								0%	0%	0%	0%	0%	0%
							grade 2 events	17208	50326	20169	31317	23191	19106
								9%	23%	10%	14%	11%	10%
							grade 3 events	7624	6997	7310	13916	8983	7281
								4%	3%	3%	6%	4%	3%
							grade 4 events	7526	6967	7278	13947	8948	7185
								3%	3%	3%	6%	4%	3%
							grade 5 events	4213	10050	4195	10630	5498	4732
								2%	4%	2%	5%	2%	2%
							grade 6 events	14001	51510	18437	56075	21275	17047
								7%	24%	9%	26%	10%	9%
							grade 7 events	76147	60550	69310	54307	74759	71704
								40%	28%	36%	25%	35%	38%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	23.50579939042515	Alternating exposures requested	N	N
[deg] Pointing Dec	0	30.97170595872232	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	247.0643482684684			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	311653685.377858	311653684.35285			
Observation start date	2007-11-17T02:28:05	2007-11-17T02:28:04			
[s] Observation end time (MET)	311675921.728933	311675920.70392			
Observation end date	2007-11-17T08:38:42	2007-11-17T08:38:40			
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)	2012.05.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2335999693871

A.2 Comments