

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57906 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 11 2012

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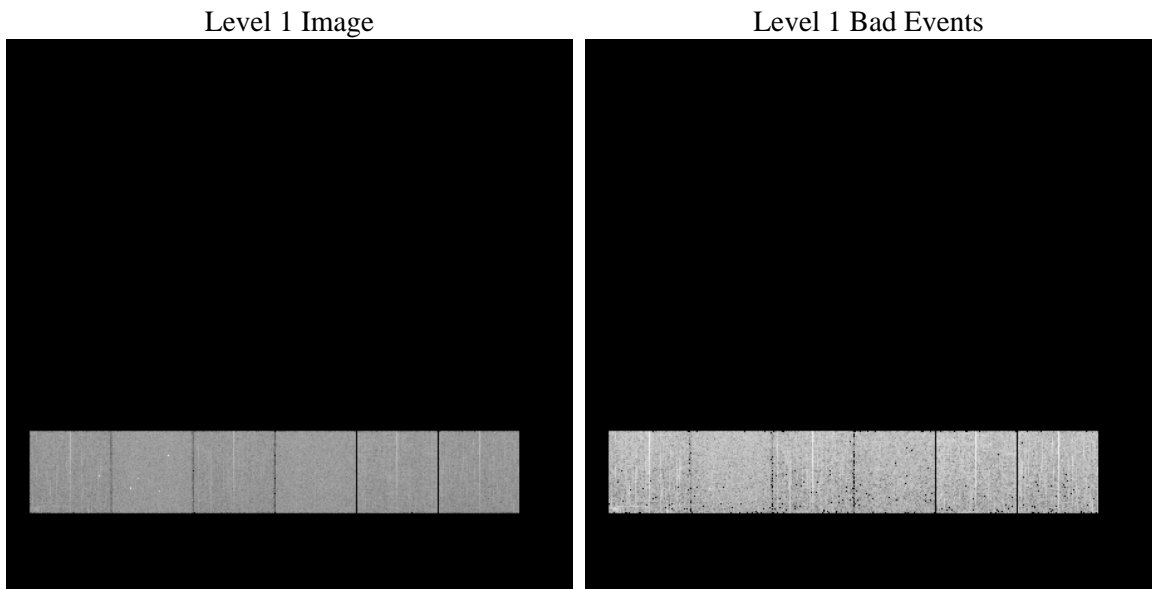
1 Front

seq_num	 	Sequence number
obs_id	57906	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	176.1780986876	Nominal RA [deg]
dec_nom	26.981623713592	Nominal Dec [deg]
roll_nom	187.7761918555	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3545.5485468507	Sum of GTIs [s]
livetime	3500.6526762774	Livetime [s]
ontime4	3545.4254268408	Sum of GTIs [s]
ontime5	3545.5075068474	Sum of GTIs [s]
ontime6	3545.4664668441	Sum of GTIs [s]
ontime7	3545.5485468507	Sum of GTIs [s]
ontime8	3545.3843868375	Sum of GTIs [s]
ontime9	3545.589586854	Sum of GTIs [s]
l2events	301137	Number of level 2 events

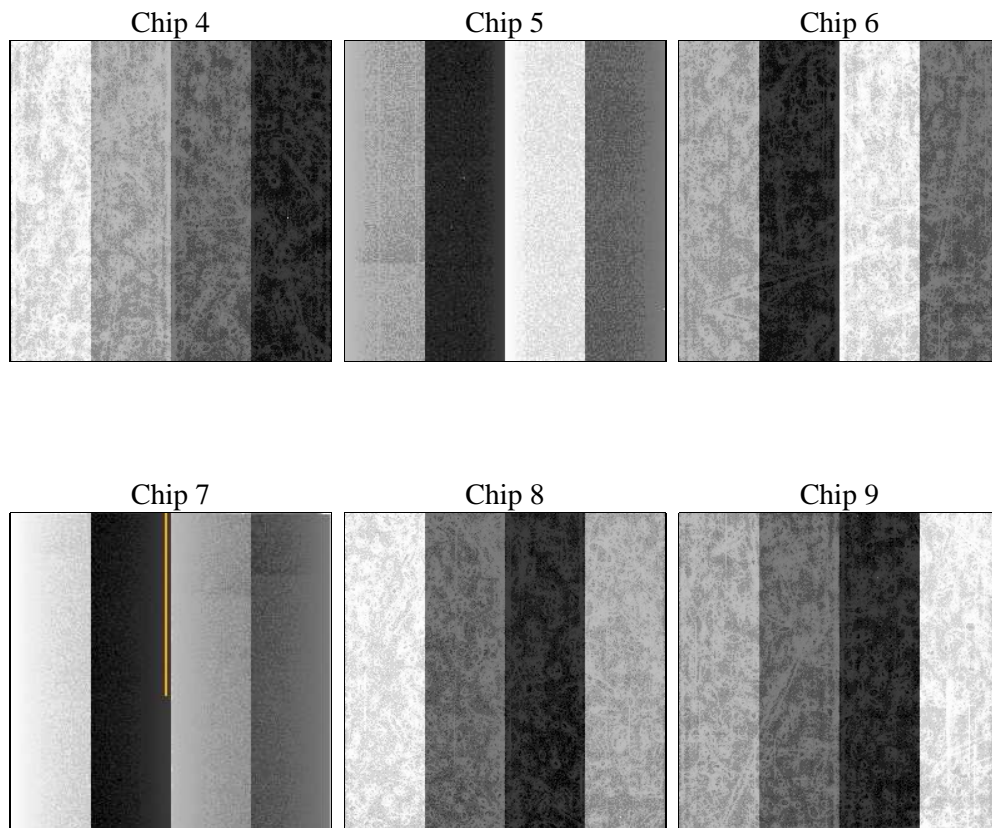
2 OBI

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	3545.5485468507	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	3545.4254268408	Sum of GTIs [s]
date	2012-05-11T17:02:25	Date and time of file creation	ontime5	3545.5075068474	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3545.4664668441	Sum of GTIs [s]
			ontime7	3545.5485468507	Sum of GTIs [s]
			ontime8	3545.3843868375	Sum of GTIs [s]
			ontime9	3545.589586854	Sum of GTIs [s]
			l1events	520389	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	81281	91751	82086	91180	91114	82977	grade 0 events	27022	10544	26107	13019	28200	26023
rejected events	33695	30660	31991	28759	35476	34092		33%	11%	31%	14%	30%	31%
rejected %	41%	33%	38%	31%	38%	41%	grade 1 events	251	126	164	72	205	181
								0%	0%	0%	0%	0%	0%
							grade 2 events	7424	22102	8887	13750	9911	8367
								9%	24%	10%	15%	10%	10%
							grade 3 events	3233	2900	3127	5707	3874	3276
								3%	3%	3%	6%	4%	3%
							grade 4 events	3243	2744	3232	5610	3820	3169
								3%	2%	3%	6%	4%	3%
							grade 5 events	1748	4229	1872	4642	2339	2079
								2%	4%	2%	5%	2%	2%
							grade 6 events	6664	22801	8742	24335	9833	8050
								8%	24%	10%	26%	10%	9%
							grade 7 events	31696	26305	29955	24045	32932	31832
								38%	28%	36%	26%	36%	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	176.1780986875992	Alternating exposures requested	N	N
[deg] Pointing Dec	0	26.98162371359174	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	187.7761918555009			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	322357828.546552	322357827.52157			
Observation start date	2008-03-19T23:50:29	2008-03-19T23:50:27			
[s] Observation end time (MET)	322371733.697228	322371732.67225			
Observation end date	2008-03-20T03:42:14	2008-03-20T03:42:12			
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)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.5455485468507

A.2 Comments