

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58747 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 11 2012

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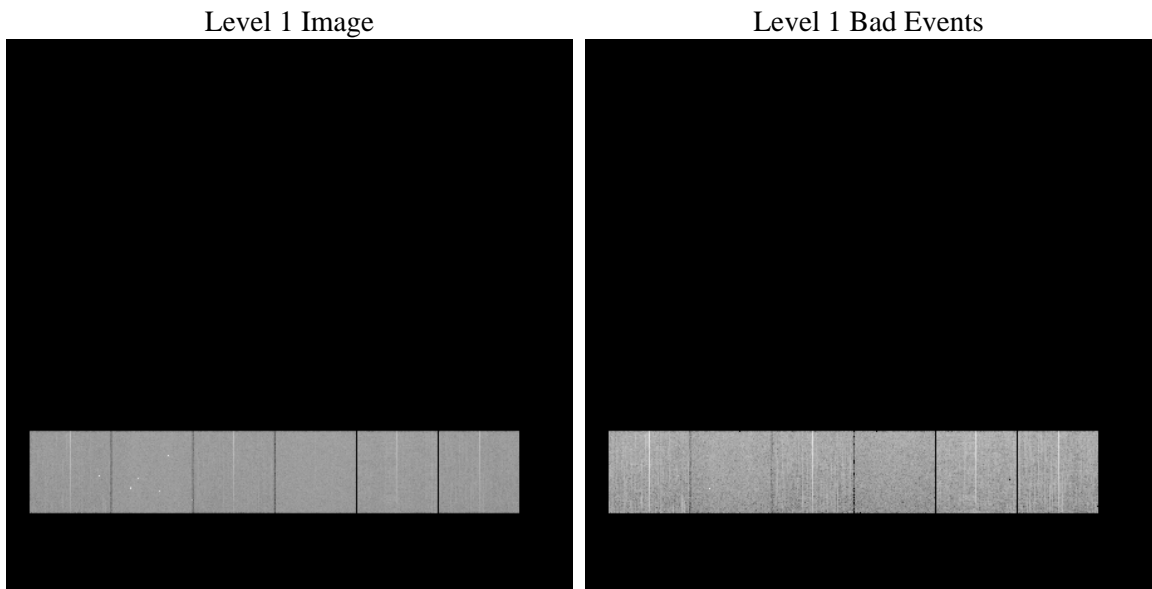
1 Front

seq_num	 	Sequence number
obs_id	58747	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	24.975304136068	Nominal RA [deg]
dec_nom	32.996005950631	Nominal Dec [deg]
roll_nom	160.01153648178	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.9999710321	Sum of GTIs [s]
livetime	7693.3329756198	Livetime [s]
ontime4	7791.9999710321	Sum of GTIs [s]
ontime5	7791.9999710321	Sum of GTIs [s]
ontime6	7791.9999710321	Sum of GTIs [s]
ontime7	7791.9999710321	Sum of GTIs [s]
ontime8	7791.9999710321	Sum of GTIs [s]
ontime9	7791.9999710321	Sum of GTIs [s]
l2events	817588	Number of level 2 events

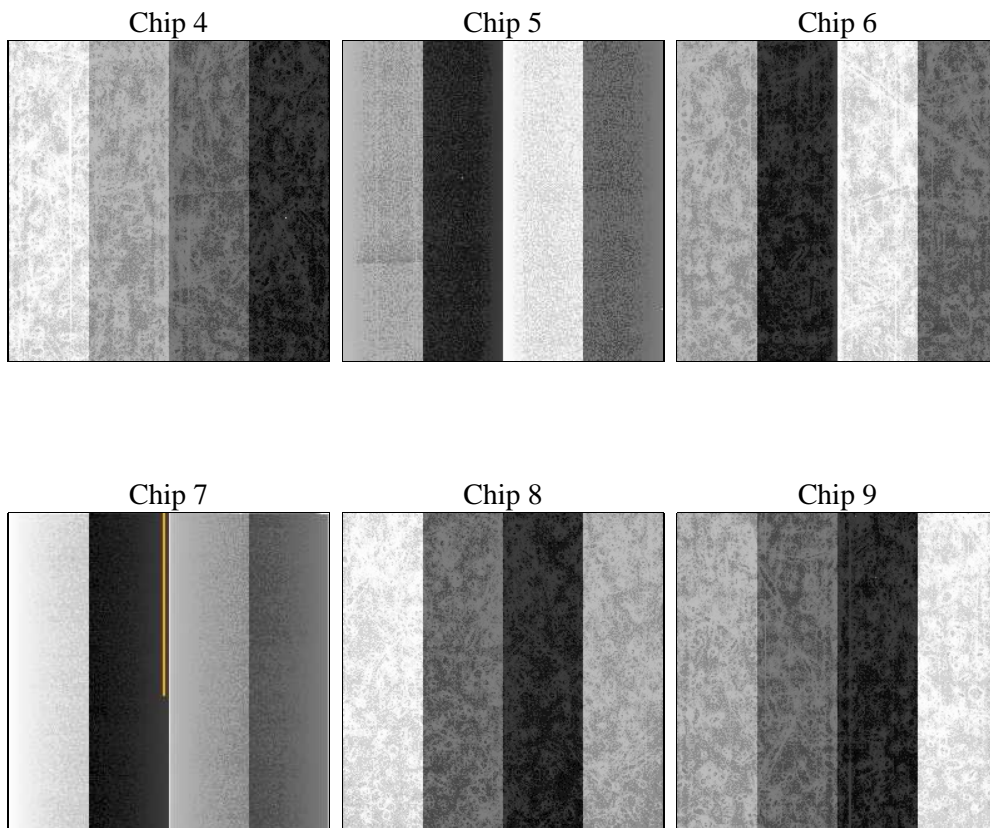
2 OBI

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	8.4.3.1	Processing system revision	ontime	7791.9999710321	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7791.9999710321	Sum of GTIs [s]
date	2012-04-11T15:17:33	Date and time of file creation	ontime5	7791.9999710321	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7791.9999710321	Sum of GTIs [s]
			ontime7	7791.9999710321	Sum of GTIs [s]
			ontime8	7791.9999710321	Sum of GTIs [s]
			ontime9	7791.9999710321	Sum of GTIs [s]
			l1events	1292227	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	206297	220073	209054	222985	227070	206748	grade 0 events	76433	31404	75527	36466	78941	73500
rejected events	74312	62942	68992	58051	76975	72250		37%	14%	36%	16%	34%	35%
rejected %	36%	28%	33%	26%	33%	34%	grade 1 events	663	271	460	156	502	516
								0%	0%	0%	0%	0%	0%
							grade 2 events	21047	54983	24360	35725	26765	23234
								10%	24%	11%	16%	11%	11%
							grade 3 events	8839	8735	8814	16143	10210	8794
								4%	3%	4%	7%	4%	4%
							grade 4 events	8888	8618	8789	15946	10182	8812
								4%	3%	4%	7%	4%	4%
							grade 5 events	3978	9389	4012	9786	5016	4530
								1%	4%	1%	4%	2%	2%
							grade 6 events	16778	53391	22572	60654	23997	20158
								8%	24%	10%	27%	10%	9%
							grade 7 events	69671	53282	64520	48109	71457	67204
								33%	24%	30%	21%	31%	32%

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	24.97530413606808	Alternating exposures requested	N	N
[deg] Pointing Dec	0	32.9960059506306	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	160.0115364817766			
[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)	276886511.919181	276886510.89417			
Observation start date	2006-10-10T16:55:12	2006-10-10T16:55:10			
[s] Observation end time (MET)	276905205.870063	276905204.84505			
Observation end date	2006-10-10T22:06:46	2006-10-10T22:06:44			
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)	2012.04.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919999710321

A.2 Comments