

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61657 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 15 2012

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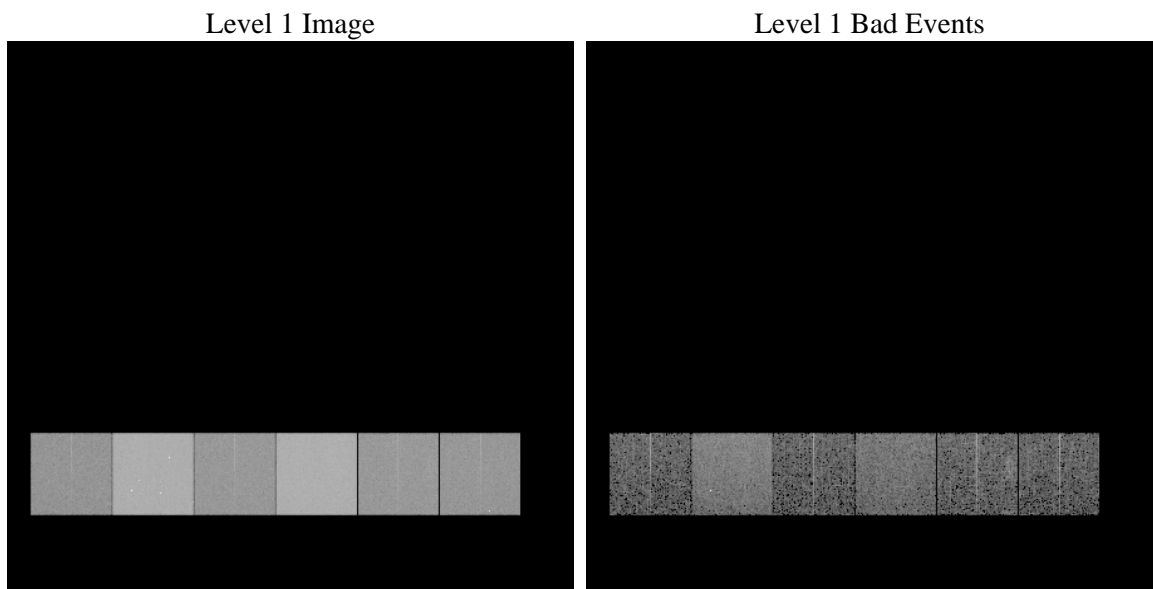
1 Front

seq_num	 	Sequence number
obs_id	61657	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	91.001927781099	Nominal RA [deg]
dec_nom	-30.028615902778	Nominal Dec [deg]
roll_nom	240.66373503313	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5243.7439500391	Sum of GTIs [s]
livetime	5177.3445067402	Livetime [s]
ontime4	2077.284602955	Sum of GTIs [s]
ontime5	5606.7315663099	Sum of GTIs [s]
ontime6	2245.567182973	Sum of GTIs [s]
ontime7	5243.7439500391	Sum of GTIs [s]
ontime8	2268.3364930898	Sum of GTIs [s]
ontime9	2219.8904422969	Sum of GTIs [s]
l2events	1232039	Number of level 2 events

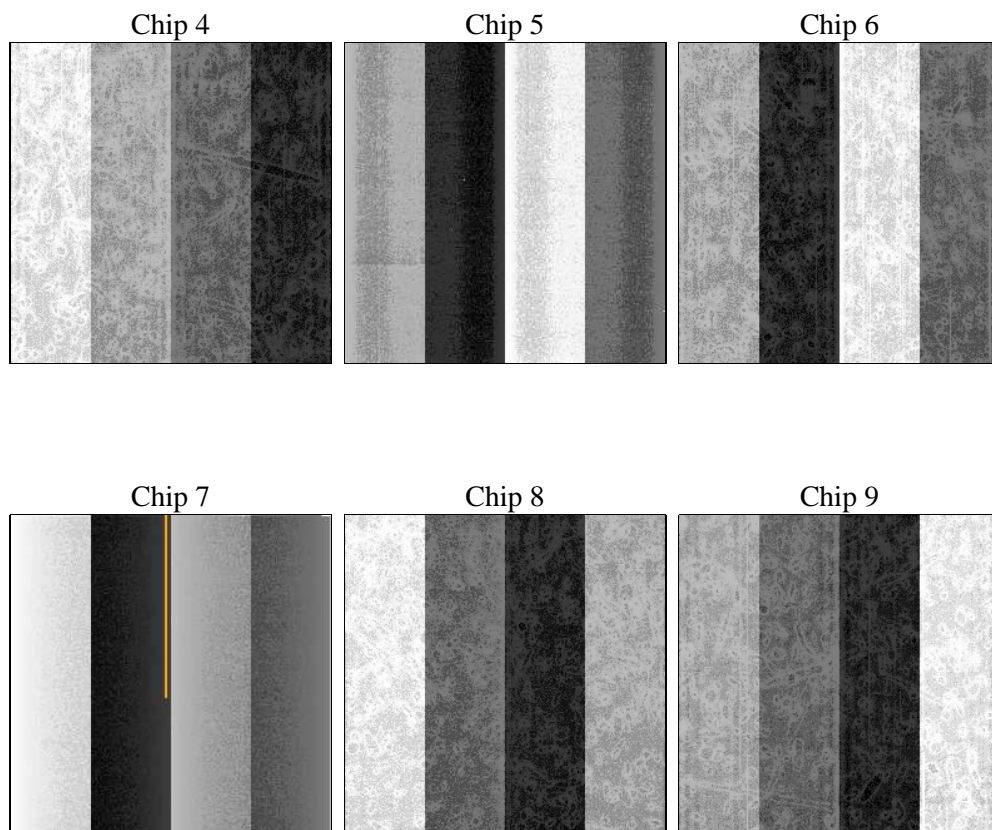
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	3	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5243.7439500391	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	2077.284602955	Sum of GTIs [s]
date	2012-09-15T19:06:26	Date and time of file creation	ontime5	5606.7315663099	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2245.567182973	Sum of GTIs [s]
			ontime7	5243.7439500391	Sum of GTIs [s]
			ontime8	2268.3364930898	Sum of GTIs [s]
			ontime9	2219.8904422969	Sum of GTIs [s]
			l1events	1430804	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	151150	377852	174145	384416	178372	164869	grade 0 events	75255	88550	85654	91361	86679	80405
rejected events	18177	40618	17482	27875	20815	17726		49%	23%	49%	23%	48%	48%
rejected %	12%	10%	10%	7%	11%	10%	grade 1 events	402	1262	392	235	453	396
								0%	0%	0%	0%	0%	0%
							grade 2 events	23480	115252	27172	79598	28004	26648
								15%	30%	15%	20%	15%	16%
							grade 3 events	8283	23033	9773	36830	9980	9052
								5%	6%	5%	9%	5%	5%
							grade 4 events	8207	22968	9403	35976	9809	8989
								5%	6%	5%	9%	5%	5%
							grade 5 events	1225	7806	1434	5866	1561	1444
								0%	2%	0%	1%	0%	0%
							grade 6 events	17949	87625	24661	113015	23085	22290
								11%	23%	14%	29%	12%	13%
							grade 7 events	16349	31356	15656	21535	18801	15645
								10%	8%	8%	5%	10%	9%

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	91.00192778109866	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-30.02861590277819	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	240.6637350331277			
[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)	104624922.19	104624921.42201			
Observation start date	2001-04-25T22:28:42	2001-04-25T22:28:41			
[s] Observation end time (MET)	104670952.892	104670952.12379			
Observation end date	2001-04-26T11:15:53	2001-04-26T11:15:52			
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)	2012.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.2437439500391

A.2 Comments