

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56750 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 15 2012

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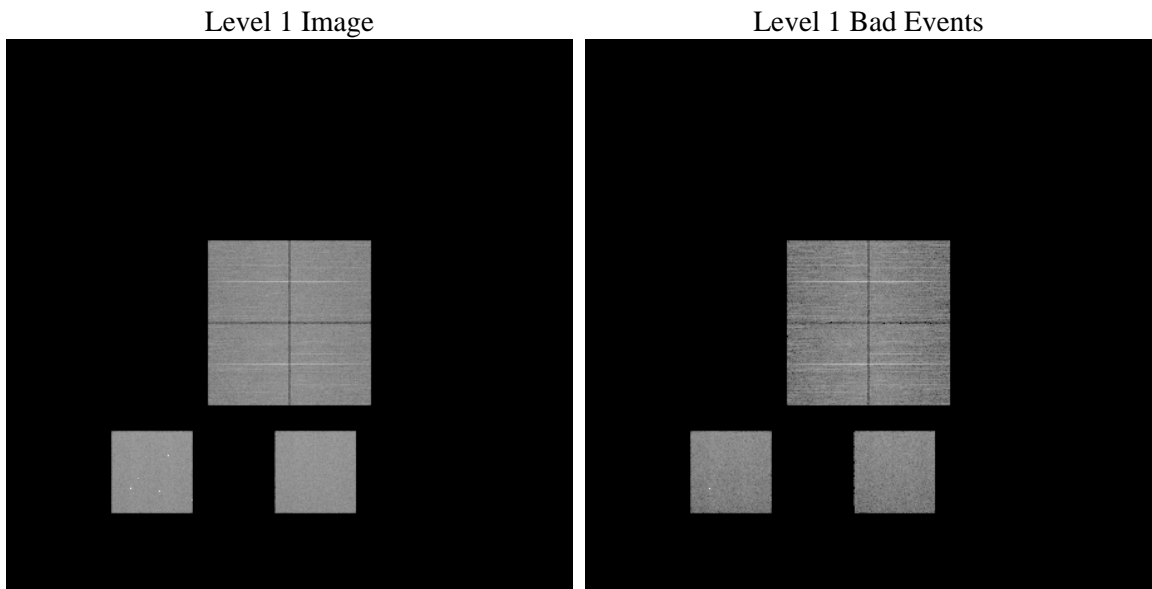
1 Front

seq_num	 	Sequence number
obs_id	56750	Observation id
title	ACIS-012357 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	40.004771173655	Nominal RA [deg]
dec_nom	-8.969288310354	Nominal Dec [deg]
roll_nom	48.822075346901	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7826.7909774184	Sum of GTIs [s]
livetime	7727.6834373346	Livetime [s]
ontime0	7719.8368358016	Sum of GTIs [s]
ontime1	7726.3188266754	Sum of GTIs [s]
ontime2	7713.3547061682	Sum of GTIs [s]
ontime3	7710.1137554049	Sum of GTIs [s]
ontime5	7839.7551374435	Sum of GTIs [s]
ontime7	7826.7909774184	Sum of GTIs [s]
l2events	460143	Number of level 2 events

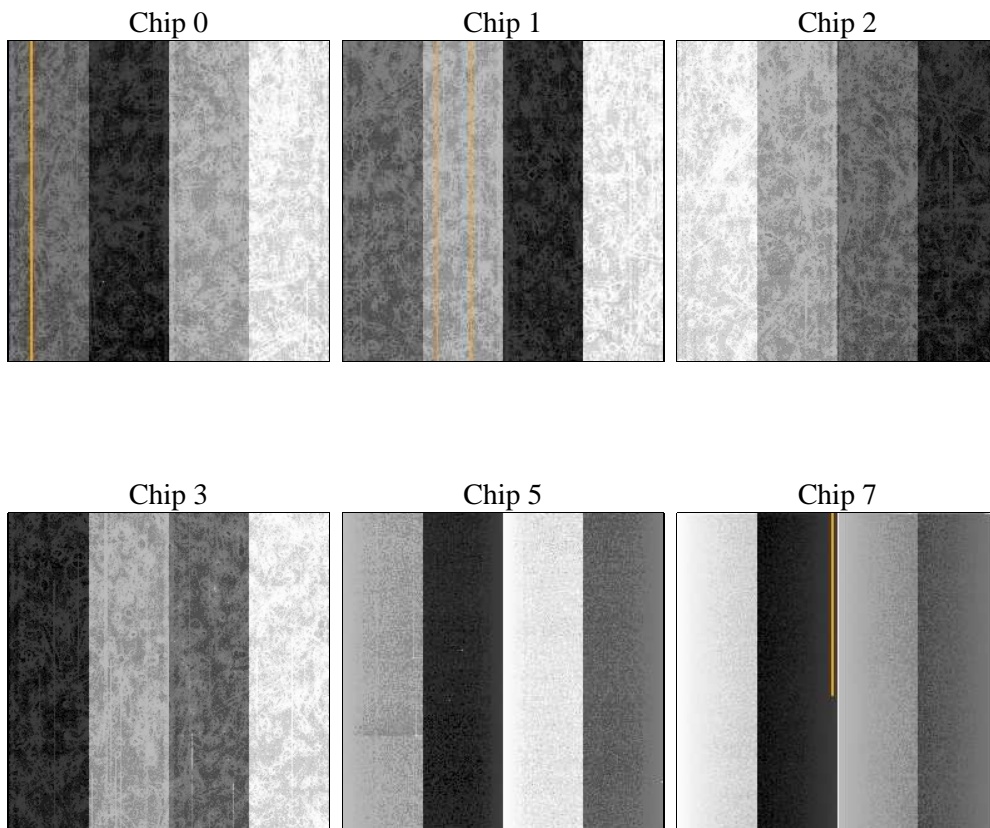
2 OBI

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	7826.7909774184	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	7719.8368358016	Sum of GTIs [s]
date	2012-06-15T16:15:12	Date and time of file creation	ontime1	7726.3188266754	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7713.3547061682	Sum of GTIs [s]
			ontime3	7710.1137554049	Sum of GTIs [s]
			ontime5	7839.7551374435	Sum of GTIs [s]
			ontime7	7826.7909774184	Sum of GTIs [s]
			l1events	913788	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	137336	134398	141645	142193	182888	175328	grade 0 events	35636	35336	36485	37109	17001	19275
rejected events	70216	66392	74171	74016	72668	69180		25%	26%	25%	26%	9%	10%
rejected %	51%	49%	52%	52%	39%	39%	grade 1 events	281	238	335	325	221	165
								0%	0%	0%	0%	0%	0%
							grade 2 events	12174	12861	11803	11863	38884	23006
								8%	9%	8%	8%	21%	13%
							grade 3 events	4527	4537	4539	4650	4836	9657
								3%	3%	3%	3%	2%	5%
							grade 4 events	4563	4554	4682	4605	4566	9799
								3%	3%	3%	3%	2%	5%
							grade 5 events	3911	4009	3667	4312	10829	11135
								2%	2%	2%	3%	5%	6%
							grade 6 events	10252	10747	9987	10001	44981	44494
								7%	7%	7%	7%	24%	25%
							grade 7 events	65992	62116	70147	69328	61570	57797
								48%	46%	49%	48%	33%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	40.00477117365524	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-8.969288310353969	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	48.82207534690142	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	371976268.060524	371976267.03552			
Observation start date	2009-10-15T06:44:28	2009-10-15T06:44:27			
[s] Observation end time (MET)	371987405.711085	371987404.68608			
Observation end date	2009-10-15T09:50:06	2009-10-15T09:50:04			
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)	2012.06.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8267909774184

A.2 Comments