

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56709 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 16 2012

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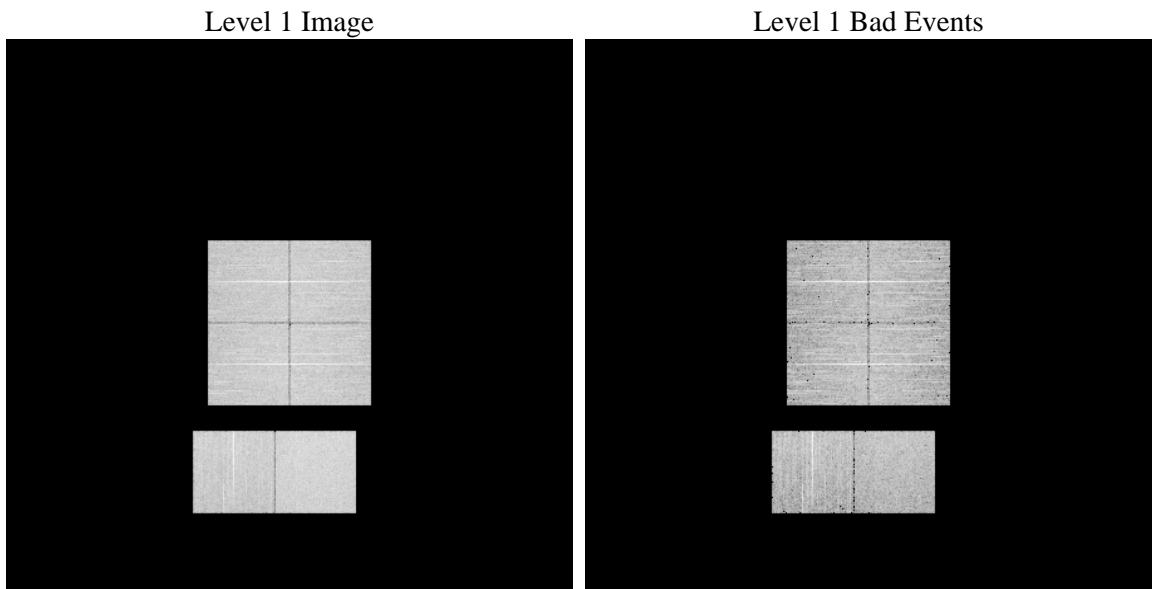
1 Front

seq_num	 	Sequence number
obs_id	56709	Observation id
title	ACIS-012367 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	39.964804391719	Nominal RA [deg]
dec_nom	39.985868750445	Nominal Dec [deg]
roll_nom	175.55563668239	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5574.0716591477	Sum of GTIs [s]
livetime	5503.4894074966	Livetime [s]
ontime0	5473.5994191766	Sum of GTIs [s]
ontime1	5470.3583791852	Sum of GTIs [s]
ontime2	5470.3584088087	Sum of GTIs [s]
ontime3	5473.5994191766	Sum of GTIs [s]
ontime6	5473.5994191766	Sum of GTIs [s]
ontime7	5574.0716591477	Sum of GTIs [s]
l2events	295316	Number of level 2 events

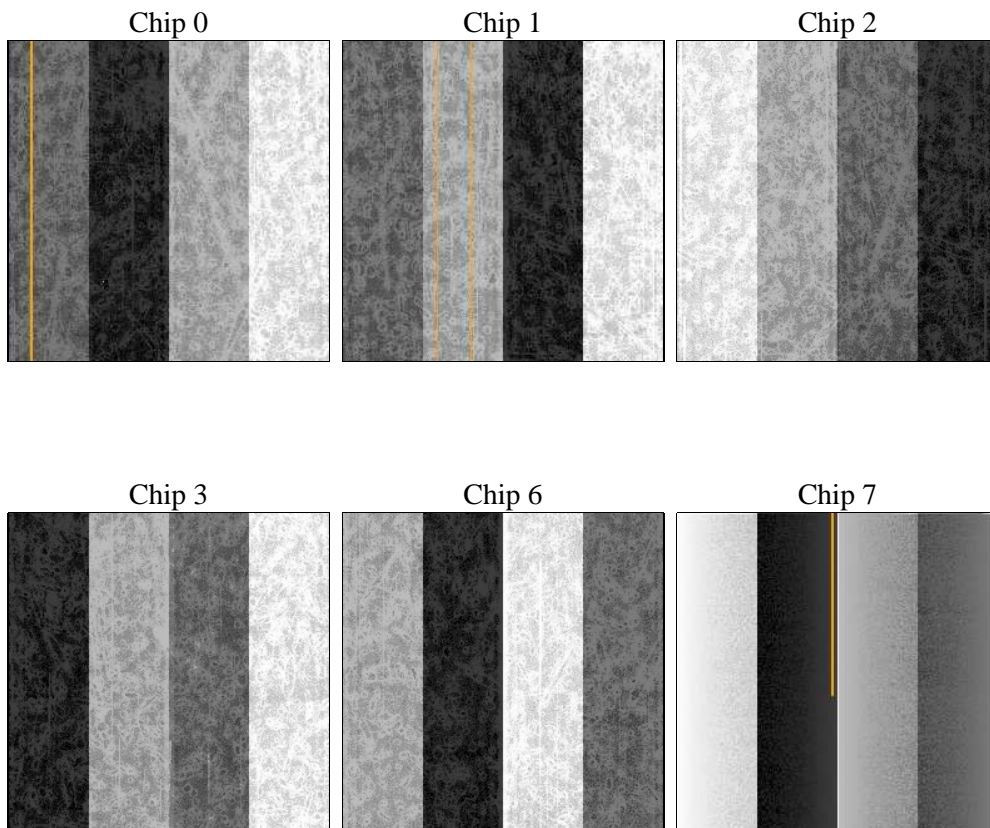
2 OBI

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	5574.0716591477	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	5473.5994191766	Sum of GTIs [s]
date	2012-06-16T02:52:46	Date and time of file creation	ontime1	5470.3583791852	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5470.3584088087	Sum of GTIs [s]
			ontime3	5473.5994191766	Sum of GTIs [s]
			ontime6	5473.5994191766	Sum of GTIs [s]
			ontime7	5574.0716591477	Sum of GTIs [s]
			l1events	612076	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	92889	97503	98397	100006	100189	123092	grade 0 events	24709	24618	25589	25536	25387	13279
rejected events	46030	50215	51011	52561	51168	48627		26%	25%	26%	25%	25%	10%
rejected %	49%	51%	51%	52%	51%	39%	grade 1 events	197	150	216	226	179	91
								0%	0%	0%	0%	0%	0%
							grade 2 events	8519	9040	8457	8311	8945	16044
								9%	9%	8%	8%	8%	13%
							grade 3 events	3346	3116	3235	3196	3224	6858
								3%	3%	3%	3%	3%	5%
							grade 4 events	3221	3165	3232	3325	3141	6785
								3%	3%	3%	3%	3%	5%
							grade 5 events	2838	2882	2619	2918	2771	7950
								3%	2%	2%	2%	2%	6%
							grade 6 events	7089	7365	6903	7103	8358	31541
								7%	7%	7%	7%	8%	25%
							grade 7 events	42970	47167	48146	49391	48184	40544
								46%	48%	48%	49%	48%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	39.96480439171896	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	39.98586875044479	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	175.5556366823909	[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)	373579077.041236	373579076.01623			
Observation start date	2009-11-02T19:57:57	2009-11-02T19:57:56			
[s] Observation end time (MET)	373587717.791672	373587716.76666			
Observation end date	2009-11-02T22:21:58	2009-11-02T22:21:56			
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)	2012.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.5740716591477

A.2 Comments