

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 60671 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Mar 1 2013

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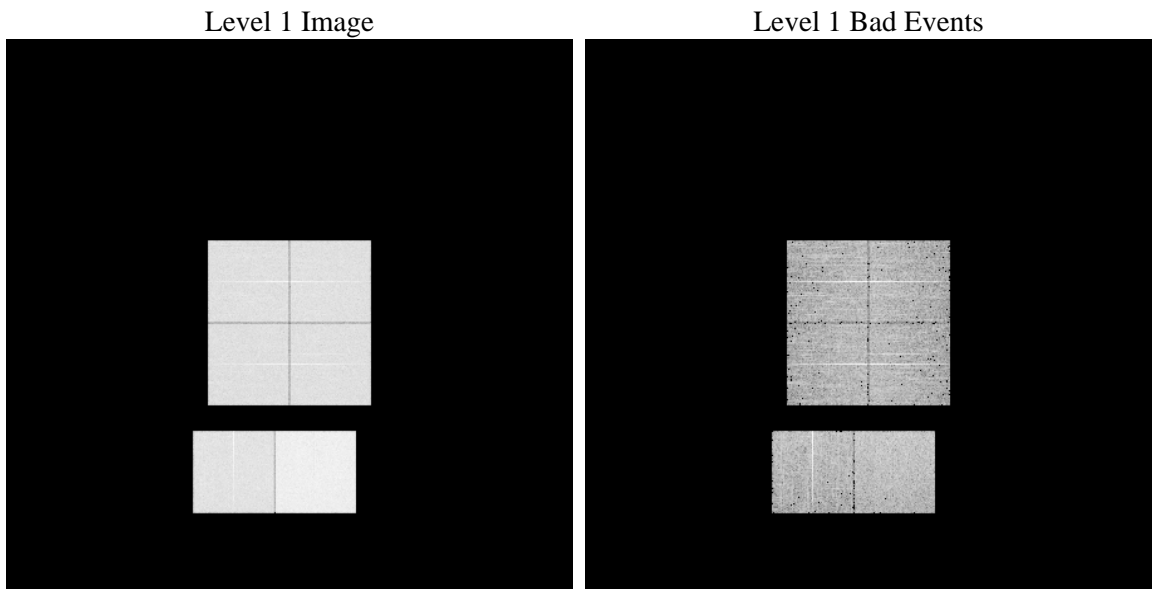
1 Front

seq_num	 	Sequence number
obs_id	60671	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	232.40347501655	Nominal RA [deg]
dec_nom	-4.3284035929389	Nominal Dec [deg]
roll_nom	244.10135099212	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8457.599968493	Sum of GTIs [s]
livetime	8350.5047451366	Livetime [s]
ontime0	5148.5655868948	Sum of GTIs [s]
ontime1	5265.2420008183	Sum of GTIs [s]
ontime2	4977.9935136437	Sum of GTIs [s]
ontime3	5086.9878683686	Sum of GTIs [s]
ontime6	5498.5919996798	Sum of GTIs [s]
ontime7	8457.599968493	Sum of GTIs [s]
l2events	1267516	Number of level 2 events

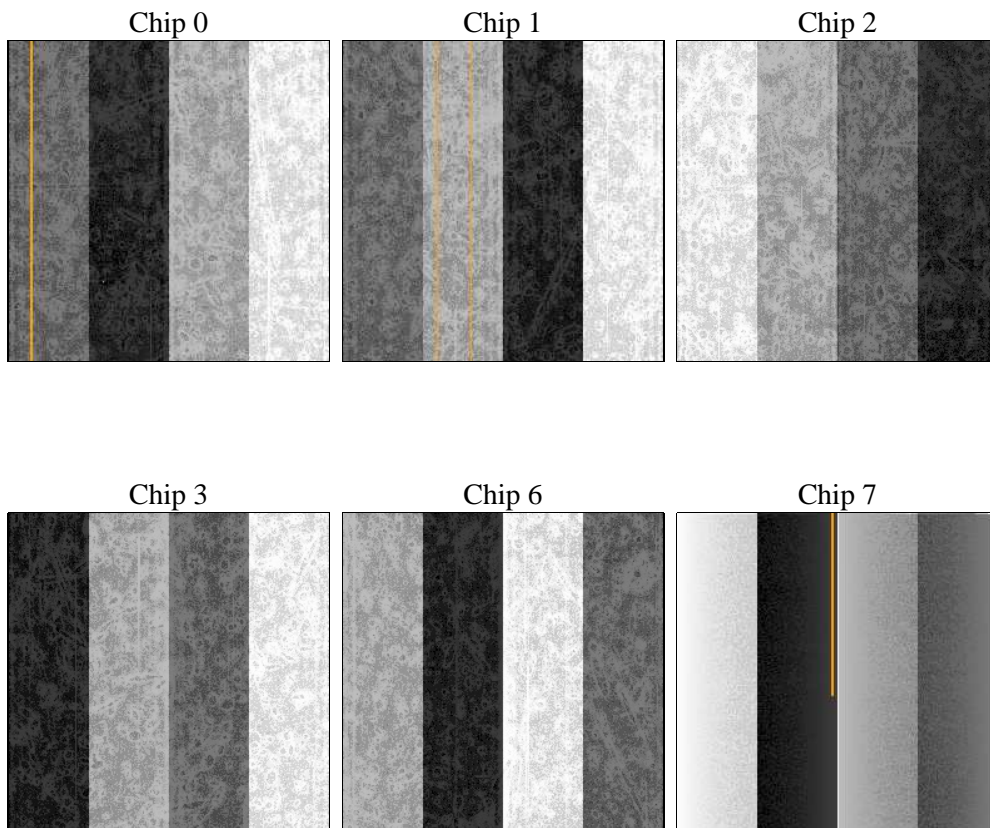
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	8457.599968493	Sum of GTIs [s]
caldsver	4.5.6	 	ontime0	5148.5655868948	Sum of GTIs [s]
date	2013-03-01T20:54:56	Date and time of file creation	ontime1	5265.2420008183	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	4977.9935136437	Sum of GTIs [s]
			ontime3	5086.9878683686	Sum of GTIs [s]
			ontime6	5498.5919996798	Sum of GTIs [s]
			ontime7	8457.599968493	Sum of GTIs [s]
			l1events	1539452	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	227528	231289	221656	226807	251691	380481	grade 0 events	107957	108579	108129	110752	115997	82318
rejected events	33644	33006	32859	33189	36955	43505		47%	46%	48%	48%	46%	21%
rejected %	14%	14%	14%	14%	14%	11%	grade 1 events	504	455	624	566	486	207
								0%	0%	0%	0%	0%	0%
							grade 2 events	33107	36322	30142	31244	38669	74710
								14%	15%	13%	13%	15%	19%
							grade 3 events	12462	12134	11986	12511	12678	33627
								5%	5%	5%	5%	5%	8%
							grade 4 events	12285	12049	12360	12476	12644	32893
								5%	5%	5%	5%	5%	8%
							grade 5 events	2212	2252	2128	2267	2553	8154
								0%	0%	0%	0%	1%	2%
							grade 6 events	28073	29199	26310	26635	34876	113428
								12%	12%	11%	11%	13%	29%
							grade 7 events	30928	30299	29977	30356	33788	35144
								13%	13%	13%	13%	13%	9%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	232.4034750165466	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-4.328403592938931	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	244.101350992125			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	173660421.862465	173660420.83775			
Observation start date	2003-07-03T23:00:22	2003-07-03T23:00:20			
[s] Observation end time (MET)	173682787.363416	173682786.3387			
Observation end date	2003-07-04T05:13:07	2003-07-04T05:13:06			
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)	2013.03.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.457599968493

A.2 Comments