

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58620 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 16 2012

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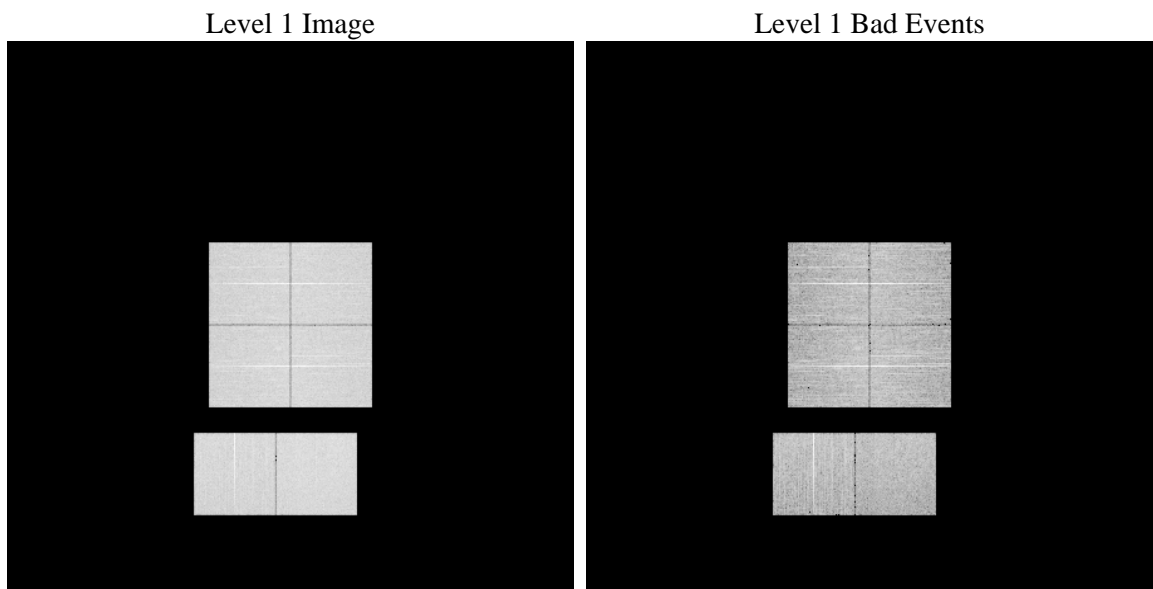
1 Front

seq_num	 	Sequence number
obs_id	58620	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	120.99809470192	Nominal RA [deg]
dec_nom	8.0295323665993	Nominal Dec [deg]
roll_nom	55.221213681042	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7551.9999719262	Sum of GTIs [s]
livetime	7456.3720010132	Livetime [s]
ontime0	7551.9999719262	Sum of GTIs [s]
ontime1	7551.9999719262	Sum of GTIs [s]
ontime2	7548.7590710521	Sum of GTIs [s]
ontime3	7551.9999719262	Sum of GTIs [s]
ontime6	7551.9999719262	Sum of GTIs [s]
ontime7	7551.9999719262	Sum of GTIs [s]
l2events	733458	Number of level 2 events

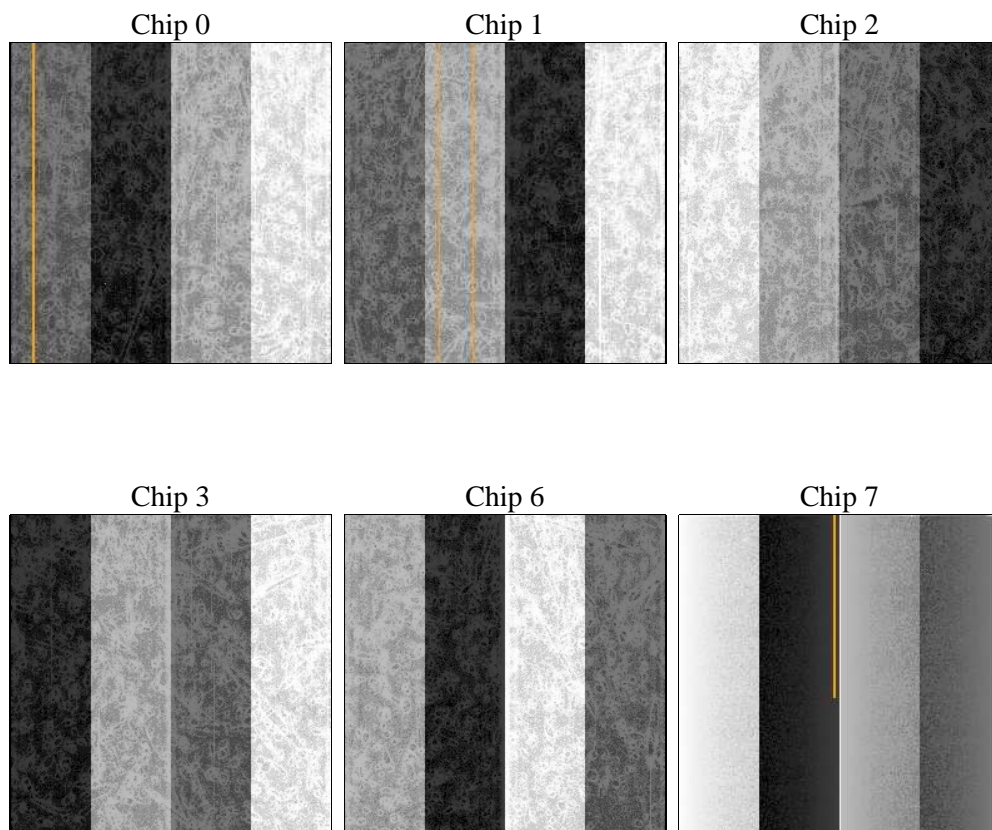
2 OBI

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	7551.9999719262	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7551.9999719262	Sum of GTIs [s]
date	2012-04-16T06:54:42	Date and time of file creation	ontime1	7551.9999719262	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7548.7590710521	Sum of GTIs [s]
			ontime3	7551.9999719262	Sum of GTIs [s]
			ontime6	7551.9999719262	Sum of GTIs [s]
			ontime7	7551.9999719262	Sum of GTIs [s]
			l1events	1156362	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	183736	187069	189049	191424	194826	210258	grade 0 events	67363	67448	69434	69592	69293	33324
rejected events	61677	63618	65438	67505	67038	58246		36%	36%	36%	36%	35%	15%
rejected %	33%	34%	34%	35%	34%	27%	grade 1 events	431	372	494	503	412	159
								0%	0%	0%	0%	0%	0%
							grade 2 events	21963	22669	21266	21398	22678	33474
								11%	12%	11%	11%	11%	15%
							grade 3 events	8029	8106	8323	8275	8244	14813
								4%	4%	4%	4%	4%	7%
							grade 4 events	8155	8106	8455	8376	8195	14882
								4%	4%	4%	4%	4%	7%
							grade 5 events	3352	3617	3314	3871	3850	9481
								1%	1%	1%	2%	1%	4%
							grade 6 events	18081	18686	17735	17774	21033	57364
								9%	9%	9%	9%	10%	27%
							grade 7 events	56362	58065	60028	61635	61121	46761
								30%	31%	31%	32%	31%	22%

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	120.9980947019176	Alternating exposures requested	N	N
[deg] Pointing Dec	0	8.029532366599287	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	55.22121368104223			
[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)	283552933.884085	283552932.85908			
Observation start date	2006-12-26T20:42:14	2006-12-26T20:42:12			
[s] Observation end time (MET)	283576176.785186	283576175.76018			
Observation end date	2006-12-27T03:09:37	2006-12-27T03:09:35			
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)	2012.04.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5519999719262

A.2 Comments