

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54790 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 14 2012

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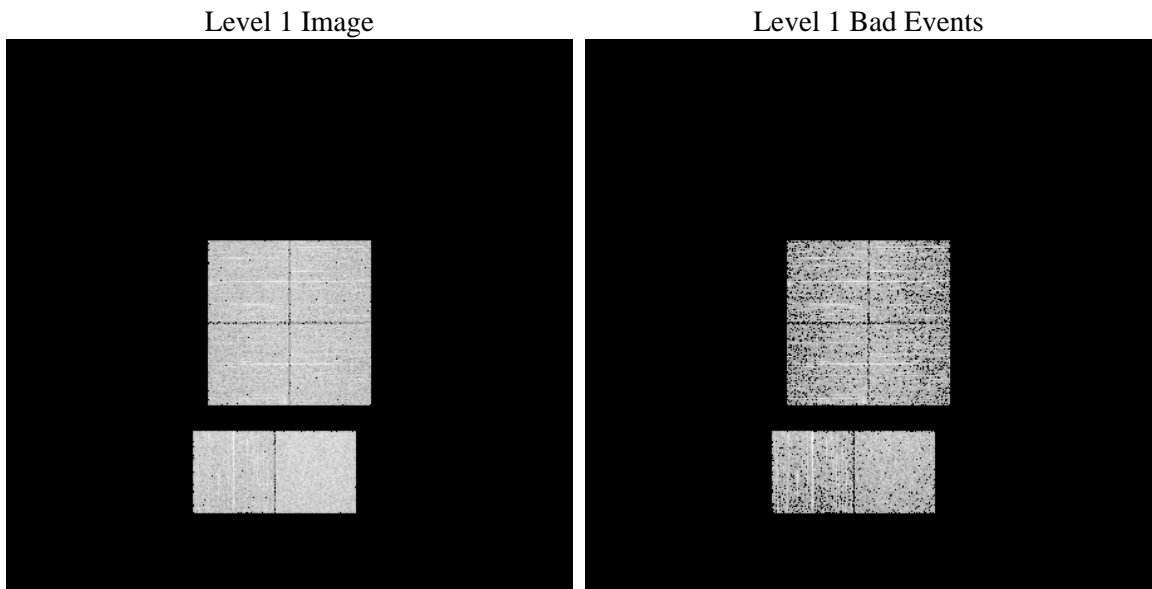
1 Front

seq_num	 	Sequence number
obs_id	54790	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	170.97257745221	Nominal RA [deg]
dec_nom	27.984331147793	Nominal Dec [deg]
roll_nom	186.45685835595	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3295.999987781	Sum of GTIs [s]
livetime	3254.2640513228	Livetime [s]
ontime0	3295.999987781	Sum of GTIs [s]
ontime1	3295.999987781	Sum of GTIs [s]
ontime2	3295.999987781	Sum of GTIs [s]
ontime3	3295.999987781	Sum of GTIs [s]
ontime6	3295.999987781	Sum of GTIs [s]
ontime7	3295.999987781	Sum of GTIs [s]
l2events	102543	Number of level 2 events

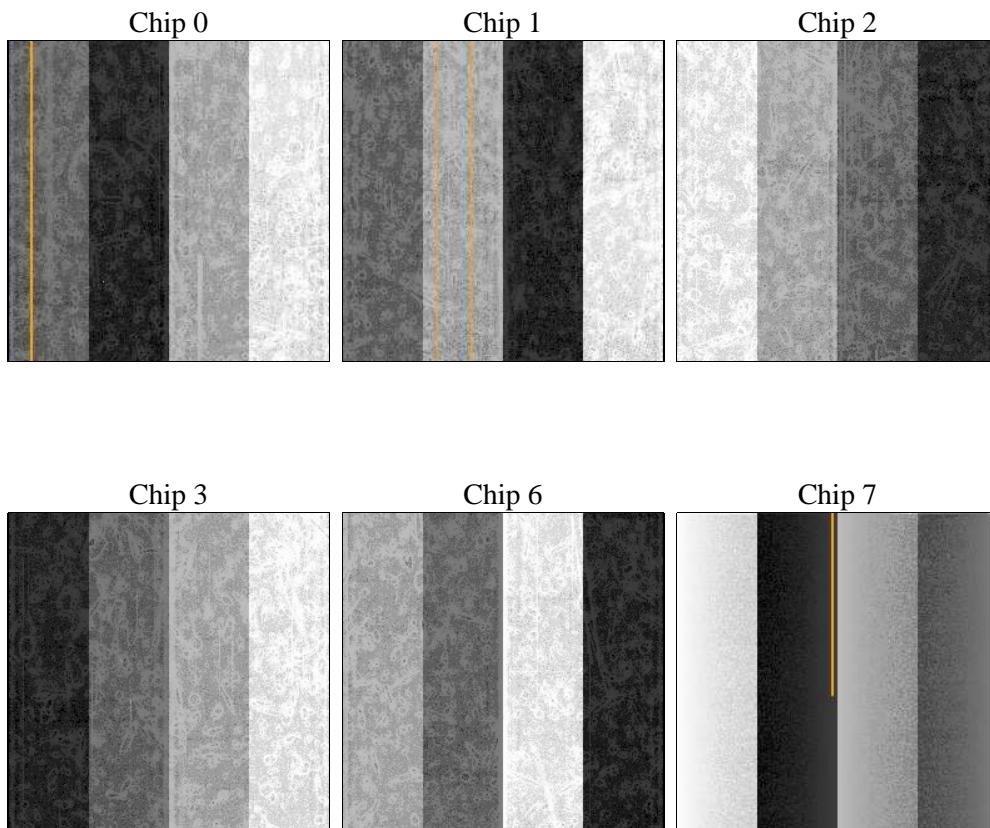
2 OBI

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	8.4.3	Processing system revision	ontime	3295.999987781	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	3295.999987781	Sum of GTIs [s]
date	2012-03-14T05:36:49	Date and time of file creation	ontime1	3295.999987781	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3295.999987781	Sum of GTIs [s]
			ontime3	3295.999987781	Sum of GTIs [s]
			ontime6	3295.999987781	Sum of GTIs [s]
			ontime7	3295.999987781	Sum of GTIs [s]
			l1events	205559	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	32523	31868	31360	32035	34772	43001	grade 0 events	8791	8422	8861	8810	8894	4323
rejected events	15902	15221	14915	15607	17482	18022		27%	26%	28%	27%	25%	10%
rejected %	48%	47%	47%	48%	50%	41%	grade 1 events	53	34	40	44	36	31
								0%	0%	0%	0%	0%	0%
							grade 2 events	3074	3277	2833	2931	3164	5365
								9%	10%	9%	9%	9%	12%
							grade 3 events	1117	1100	1077	1128	1082	2239
								3%	3%	3%	3%	3%	5%
							grade 4 events	1107	1068	1125	1117	1138	2173
								3%	3%	3%	3%	3%	5%
							grade 5 events	1113	1129	1023	1169	1104	2759
								3%	3%	3%	3%	3%	6%
							grade 6 events	2547	2792	2561	2469	3023	10903
								7%	8%	8%	7%	8%	25%
							grade 7 events	14721	14046	13840	14367	16331	15208
								45%	44%	44%	44%	46%	35%

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	170.9725774522132	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	27.98433114779273	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	186.4568583559458	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	448030125.452421	448030124.42742			
Observation start date	2012-03-13T12:48:45	2012-03-13T12:48:44			
[s] Observation end time (MET)	448035787.552747	448035786.52775			
Observation end date	2012-03-13T14:23:08	2012-03-13T14:23:06			
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)	2012.03.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.295999987781

A.2 Comments