

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56732 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 15 2012

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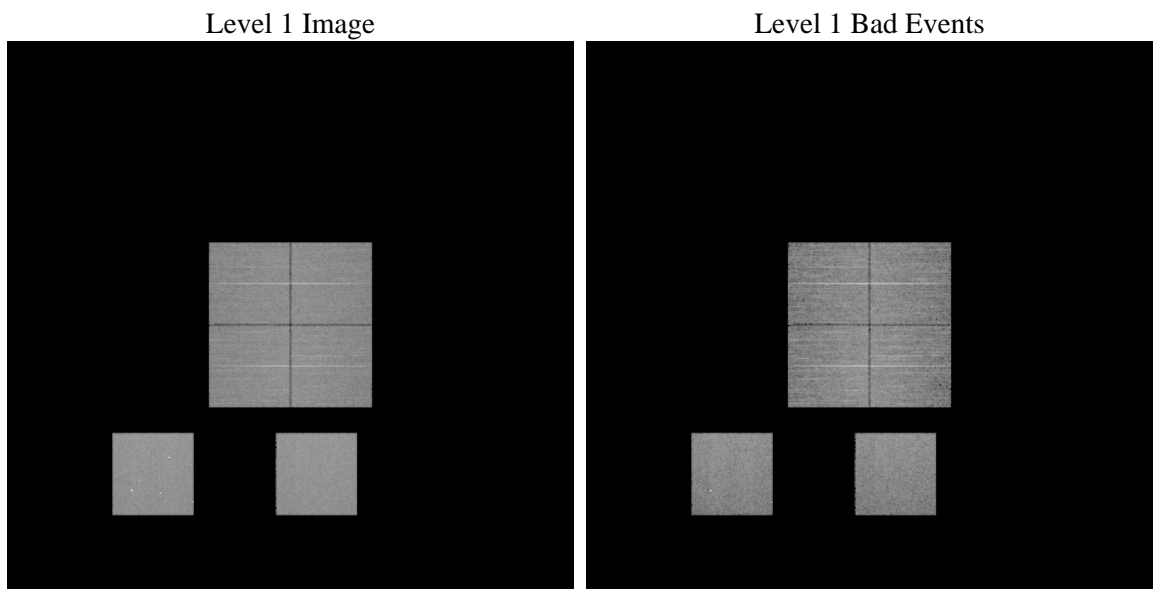
1 Front

seq_num	 	Sequence number
obs_id	56732	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	47.669778427644	Nominal RA [deg]
dec_nom	27.210180606235	Nominal Dec [deg]
roll_nom	126.31964212696	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8452.5849857926	Sum of GTIs [s]
livetime	8345.5532651669	Livetime [s]
ontime0	8452.5849857926	Sum of GTIs [s]
ontime1	8454.3168897629	Sum of GTIs [s]
ontime2	8454.2758497596	Sum of GTIs [s]
ontime3	8452.5449445844	Sum of GTIs [s]
ontime5	8454.2348097563	Sum of GTIs [s]
ontime7	8452.5849857926	Sum of GTIs [s]
l2events	495684	Number of level 2 events

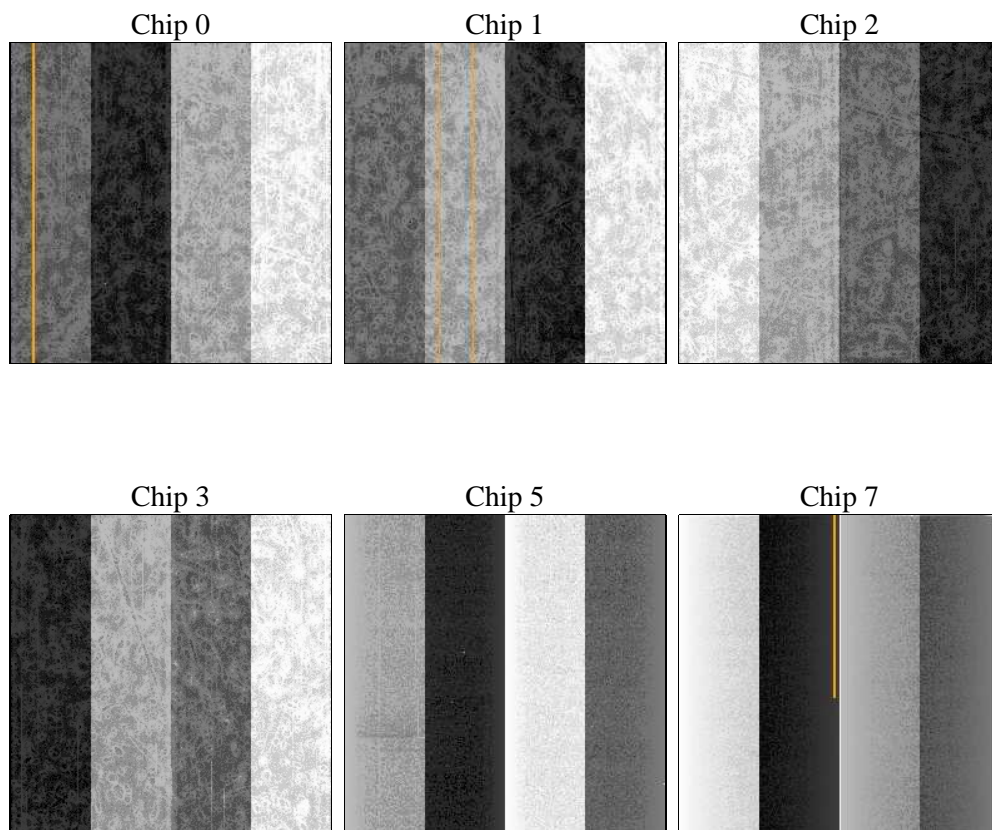
2 OBI

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	8452.5849857926	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8452.5849857926	Sum of GTIs [s]
date	2012-06-15T02:36:15	Date and time of file creation	ontime1	8454.3168897629	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8454.2758497596	Sum of GTIs [s]
			ontime3	8452.5449445844	Sum of GTIs [s]
			ontime5	8454.2348097563	Sum of GTIs [s]
			ontime7	8452.5849857926	Sum of GTIs [s]
			l1events	982138	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	145777	147221	154021	153349	194975	186795	grade 0 events	38651	38423	39497	40279	18047	20359
rejected events	72735	73212	81064	79416	77558	73692		26%	26%	25%	26%	9%	10%
rejected %	49%	49%	52%	51%	39%	39%	grade 1 events	296	239	321	358	302	176
								0%	0%	0%	0%	0%	0%
							grade 2 events	13320	14138	12515	12975	41202	24678
								9%	9%	8%	8%	21%	13%
							grade 3 events	4918	5048	5109	5041	5213	10477
								3%	3%	3%	3%	2%	5%
							grade 4 events	4917	4971	5044	4999	5178	10294
								3%	3%	3%	3%	2%	5%
							grade 5 events	4177	4355	3953	4728	11234	11731
								2%	2%	2%	3%	5%	6%
							grade 6 events	11236	11429	10792	10639	47777	47295
								7%	7%	7%	6%	24%	25%
							grade 7 events	68262	68618	76790	74330	66022	61785
								46%	46%	49%	48%	33%	33%

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	47.66977842764431	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	27.21018060623534	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	126.3196421269625	[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)	372663358.395102	372663357.37011			
Observation start date	2009-10-23T05:35:58	2009-10-23T05:35:57			
[s] Observation end time (MET)	372673538.695614	372673537.67062			
Observation end date	2009-10-23T08:25:39	2009-10-23T08:25:37			
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	8.4525849857926

A.2 Comments