

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56826 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 13 2012

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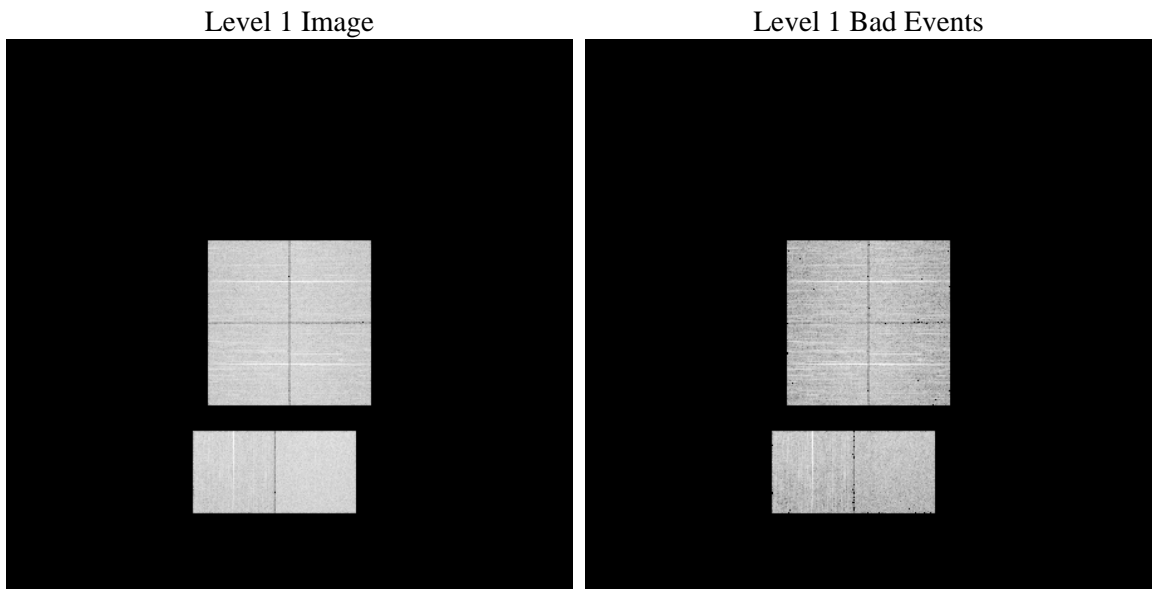
1 Front

seq_num	 	Sequence number
obs_id	56826	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	347.63177878565	Nominal RA [deg]
dec_nom	-31.990002926423	Nominal Dec [deg]
roll_nom	347.52684324596	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6162.4042667747	Sum of GTIs [s]
livetime	6084.3721933944	Livetime [s]
ontime0	6162.3632267714	Sum of GTIs [s]
ontime1	6162.3221867681	Sum of GTIs [s]
ontime2	6162.2811467648	Sum of GTIs [s]
ontime3	6162.445306778	Sum of GTIs [s]
ontime6	6162.2401067615	Sum of GTIs [s]
ontime7	6162.4042667747	Sum of GTIs [s]
l2events	340292	Number of level 2 events

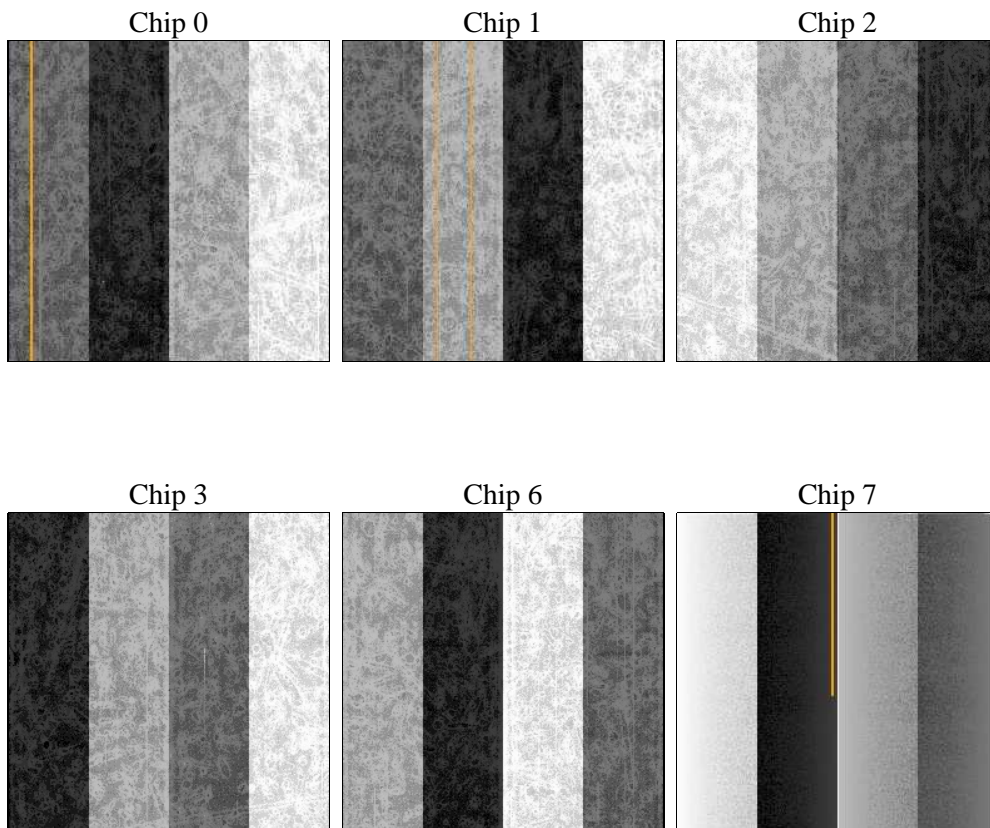
2 OBI

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	6162.4042667747	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	6162.3632267714	Sum of GTIs [s]
date	2012-06-13T20:25:31	Date and time of file creation	ontime1	6162.3221867681	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6162.2811467648	Sum of GTIs [s]
			ontime3	6162.445306778	Sum of GTIs [s]
			ontime6	6162.2401067615	Sum of GTIs [s]
			ontime7	6162.4042667747	Sum of GTIs [s]
			l1events	692968	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	106801	108519	114229	111049	115862	136508	grade 0 events	28904	28878	29428	29928	29918	15138
rejected events	52363	53202	60018	55992	58537	52849		27%	26%	25%	26%	25%	11%
rejected %	49%	49%	52%	50%	50%	38%	grade 1 events	222	173	252	255	207	122
								0%	0%	0%	0%	0%	0%
							grade 2 events	9961	10423	9317	9721	10432	18158
								9%	9%	8%	8%	9%	13%
							grade 3 events	3684	3681	3722	3695	3786	7717
								3%	3%	3%	3%	3%	5%
							grade 4 events	3672	3708	3716	3752	3712	7618
								3%	3%	3%	3%	3%	5%
							grade 5 events	3036	3097	2760	3252	3371	8527
								2%	2%	2%	2%	2%	6%
							grade 6 events	8246	8657	8055	7991	9519	35073
								7%	7%	7%	7%	8%	25%
							grade 7 events	49076	49902	56979	52455	54917	44155
								45%	45%	49%	47%	47%	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	347.6317787856505	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-31.99000292642252	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	347.5268432459605	[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)	369466293.034351	369466292.00935			
Observation start date	2009-09-16T05:31:33	2009-09-16T05:31:32			
[s] Observation end time (MET)	369474183.484747	369474182.45974			
Observation end date	2009-09-16T07:43:03	2009-09-16T07:43:02			
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)	2012.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.1624042667747

A.2 Comments