

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57077 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 8 2012

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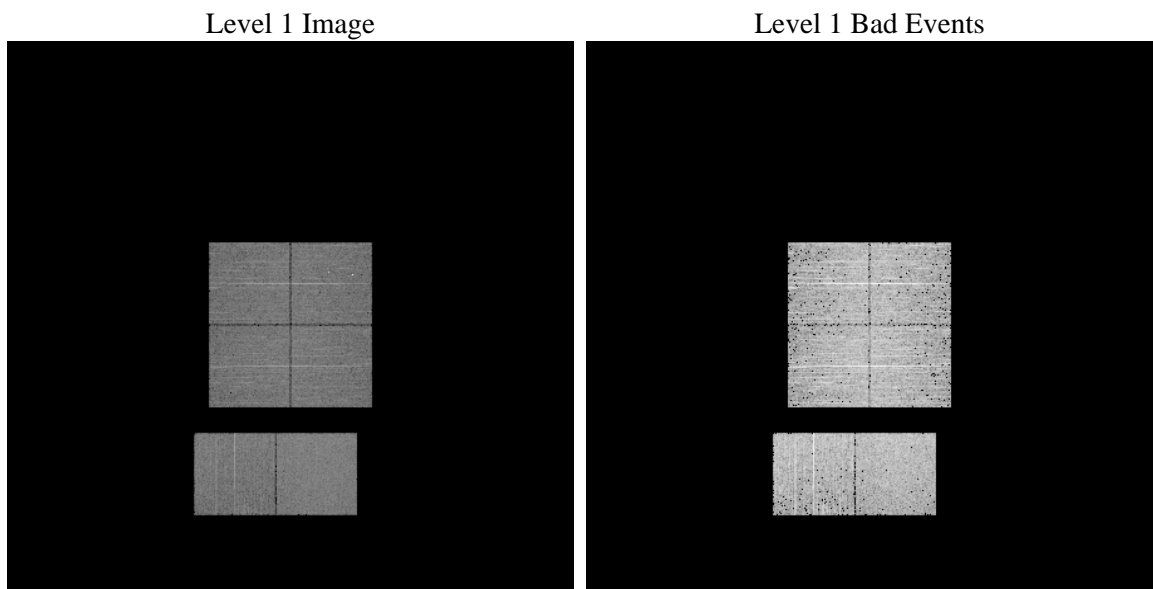
1 Front

seq_num	 	Sequence number
obs_id	57077	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	8.97795278665	Nominal RA [deg]
dec_nom	15.019422757706	Nominal Dec [deg]
roll_nom	105.07308347601	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3267.1999878883	Sum of GTIs [s]
livetime	3225.82873437	Livetime [s]
ontime0	3267.1999878883	Sum of GTIs [s]
ontime1	3267.1999878883	Sum of GTIs [s]
ontime2	3267.1999878883	Sum of GTIs [s]
ontime3	3267.1999878883	Sum of GTIs [s]
ontime6	3267.1999878883	Sum of GTIs [s]
ontime7	3267.1999878883	Sum of GTIs [s]
l2events	191000	Number of level 2 events

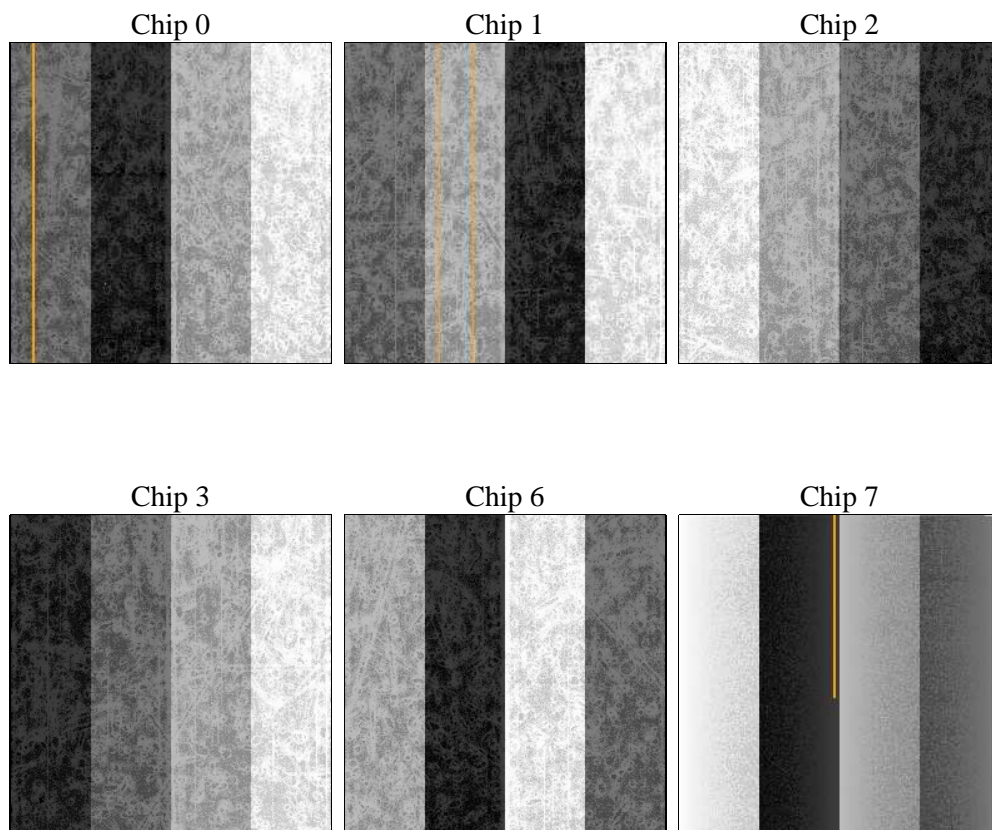
2 OBI

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	3267.1999878883	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	3267.1999878883	Sum of GTIs [s]
date	2012-06-08T08:33:19	Date and time of file creation	ontime1	3267.1999878883	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3267.1999878883	Sum of GTIs [s]
			ontime3	3267.1999878883	Sum of GTIs [s]
			ontime6	3267.1999878883	Sum of GTIs [s]
			ontime7	3267.1999878883	Sum of GTIs [s]
			l1events	382333	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	59751	61726	60891	61822	63219	74924	grade 0 events	16356	16535	16594	16771	16648	8676
rejected events	28885	28481	30169	30916	31226	28455		27%	26%	27%	27%	26%	11%
rejected %	48%	46%	49%	50%	49%	37%	grade 1 events	114	102	145	129	114	66
								0%	0%	0%	0%	0%	0%
							grade 2 events	5566	7760	5338	5501	5750	10224
								9%	12%	8%	8%	9%	13%
							grade 3 events	2150	2110	2115	2110	2112	4191
								3%	3%	3%	3%	3%	5%
							grade 4 events	2069	1974	2082	2073	2030	4234
								3%	3%	3%	3%	3%	5%
							grade 5 events	1651	1655	1584	1831	1781	4655
								2%	2%	2%	2%	2%	6%
							grade 6 events	4725	4866	4593	4451	5453	19144
								7%	7%	7%	7%	8%	25%
							grade 7 events	27120	26724	28440	28956	29331	23734
								45%	43%	46%	46%	46%	31%

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	8.977952786650008	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	15.01942275770624	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	105.0730834760149	[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)	360289500.375009	360289499.35009			
Observation start date	2009-06-02T00:25:00	2009-06-02T00:24:59			
[s] Observation end time (MET)	360294367.07525	360294366.05033			
Observation end date	2009-06-02T01:46:07	2009-06-02T01:46:06			
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)	2012.06.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2671999878883

A.2 Comments