

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56090 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 1 2012

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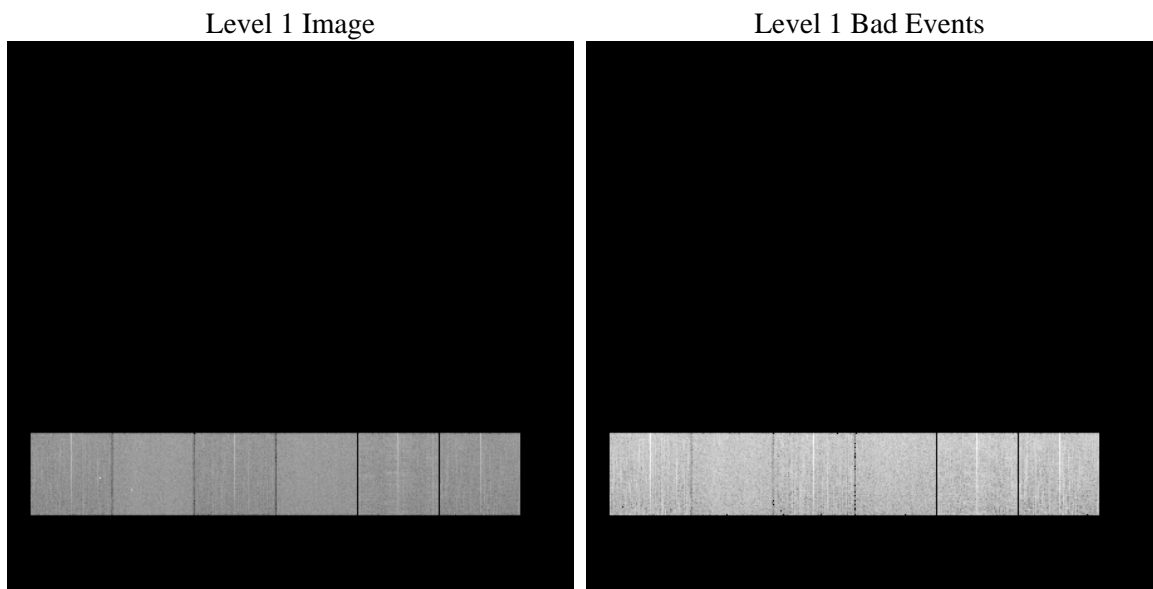
1 Front

seq_num	 	Sequence number
obs_id	56090	Observation id
title	ACIS-456789 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	315.03273492073	Nominal RA [deg]
dec_nom	-42.978018664739	Nominal Dec [deg]
roll_nom	0.89111817397162	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8035.1999701262	Sum of GTIs [s]
livetime	7933.4534298879	Livetime [s]
ontime4	8035.1999701262	Sum of GTIs [s]
ontime5	8035.1999701262	Sum of GTIs [s]
ontime6	8035.1999701262	Sum of GTIs [s]
ontime7	8035.1999701262	Sum of GTIs [s]
ontime8	8035.1999701262	Sum of GTIs [s]
ontime9	8035.1999701262	Sum of GTIs [s]
l2events	391228	Number of level 2 events

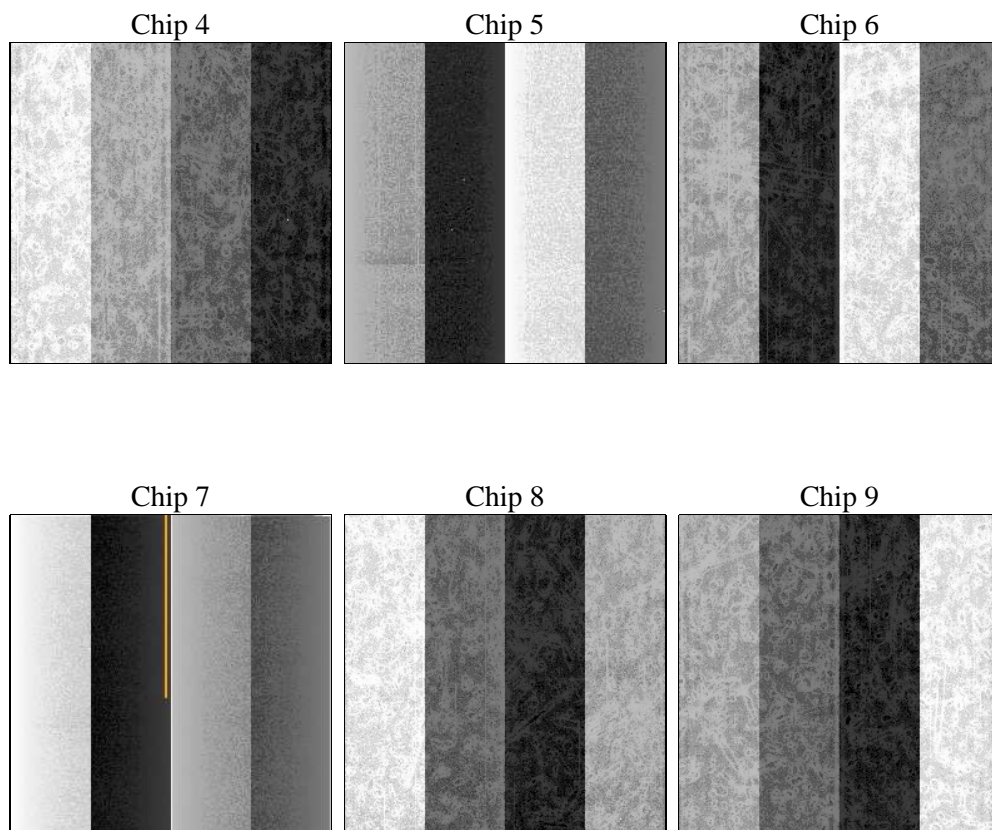
2 OBI

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	8035.1999701262	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	8035.1999701262	Sum of GTIs [s]
date	2012-07-01T04:23:05	Date and time of file creation	ontime5	8035.1999701262	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8035.1999701262	Sum of GTIs [s]
			ontime7	8035.1999701262	Sum of GTIs [s]
			ontime8	8035.1999701262	Sum of GTIs [s]
			ontime9	8035.1999701262	Sum of GTIs [s]
			l1events	817191	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	126123	152475	123282	149803	140624	124884	grade 0 events	33260	10966	31172	15654	34815	31057
rejected events	68233	63341	63505	60791	68532	66302		26%	7%	25%	10%	24%	24%
rejected %	54%	41%	51%	40%	48%	53%	grade 1 events	317	165	183	142	250	230
								0%	0%	0%	0%	0%	0%
							grade 2 events	9104	32355	10846	19345	13761	10447
								7%	21%	8%	12%	9%	8%
							grade 3 events	4001	3727	3958	8021	5442	3881
								3%	2%	3%	5%	3%	3%
							grade 4 events	3915	3641	3847	8069	5154	3962
								3%	2%	3%	5%	3%	3%
							grade 5 events	3737	8056	3815	9492	4997	4213
								2%	5%	3%	6%	3%	3%
							grade 6 events	7635	38486	9983	37953	12951	9250
								6%	25%	8%	25%	9%	7%
							grade 7 events	64154	55079	59478	51127	63254	61844
								50%	36%	48%	34%	44%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	315.0327349207278	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-42.97801866473915	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	0.8911181739716159	[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)	397334410.597171	397334409.57216			
Observation start date	2010-08-04T18:40:11	2010-08-04T18:40:09			
[s] Observation end time (MET)	397347450.647839	397347449.62282			
Observation end date	2010-08-04T22:17:31	2010-08-04T22:17:29			
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)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0351999701262

A.2 Comments