

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57429 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 29 2012

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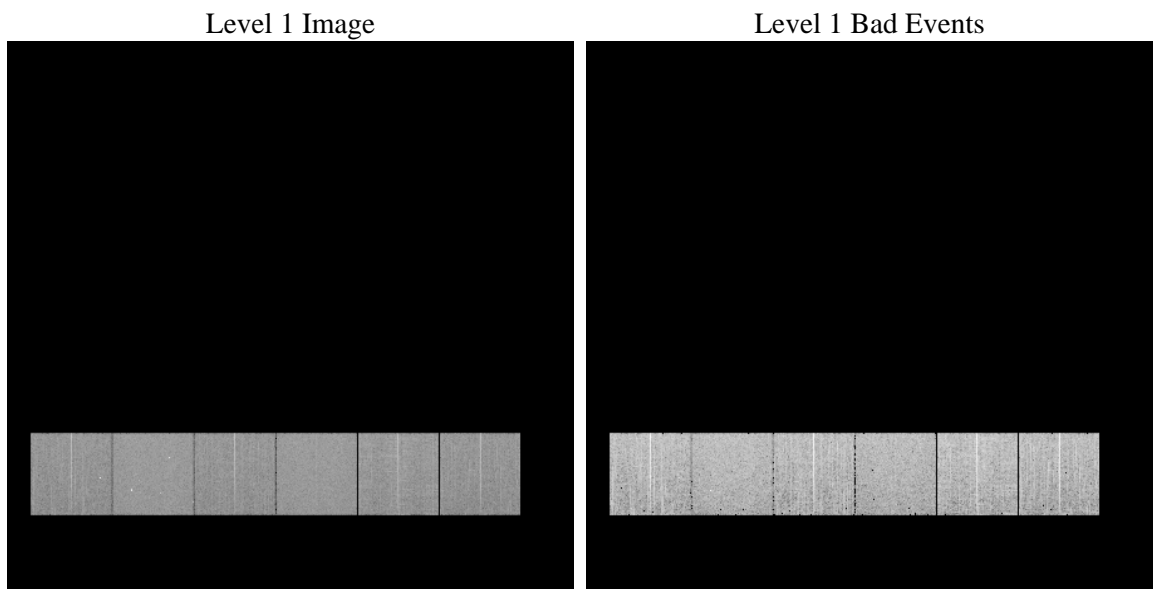
1 Front

seq_num	 	Sequence number
obs_id	57429	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	64.999610126889	Nominal RA [deg]
dec_nom	29.472040464496	Nominal Dec [deg]
roll_nom	270.06483358184	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4991.999981463	Sum of GTIs [s]
livetime	4928.7882718762	Livetime [s]
ontime4	4991.999981463	Sum of GTIs [s]
ontime5	4991.999981463	Sum of GTIs [s]
ontime6	4991.999981463	Sum of GTIs [s]
ontime7	4991.999981463	Sum of GTIs [s]
ontime8	4991.999981463	Sum of GTIs [s]
ontime9	4991.999981463	Sum of GTIs [s]
l2events	337861	Number of level 2 events

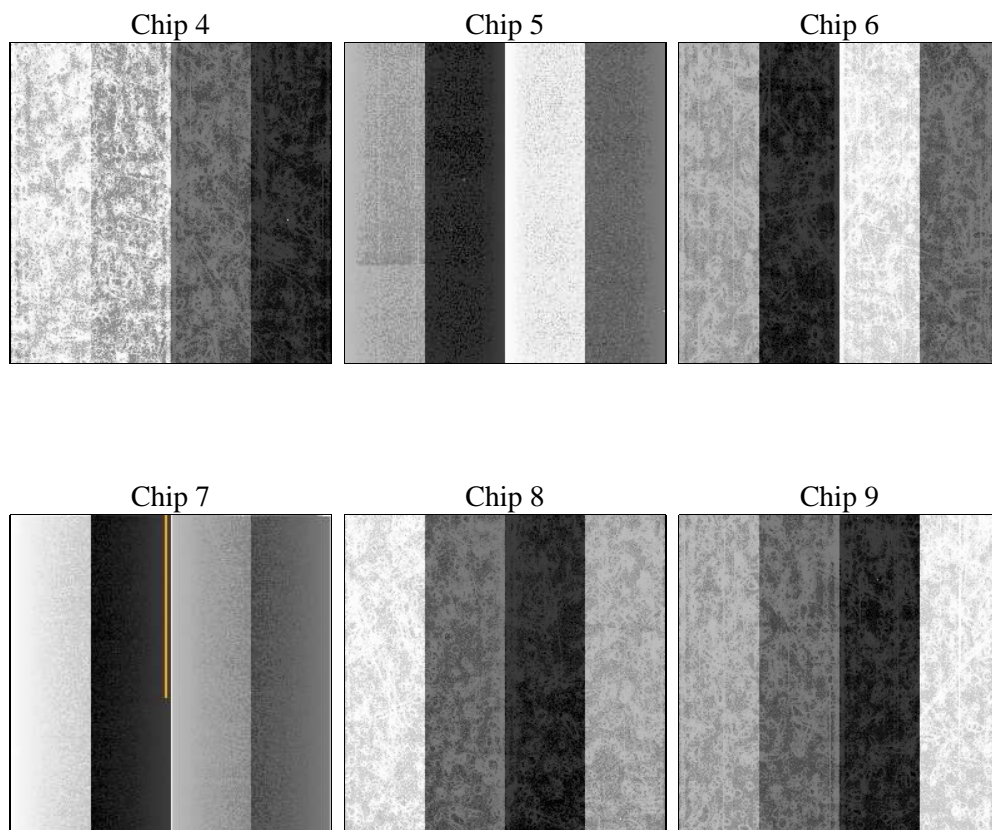
2 OBI

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	8.4.4	Processing system revision	ontime	4991.999981463	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	4991.999981463	Sum of GTIs [s]
date	2012-05-29T15:41:04	Date and time of file creation	ontime5	4991.999981463	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4991.999981463	Sum of GTIs [s]
			ontime7	4991.999981463	Sum of GTIs [s]
			ontime8	4991.999981463	Sum of GTIs [s]
			ontime9	4991.999981463	Sum of GTIs [s]
			l1events	645525	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	99814	117768	100858	115220	113004	98861	grade 0 events	29234	11306	28305	14249	30910	28000
rejected events	48637	43664	46962	40902	51319	46477		29%	9%	28%	12%	27%	28%
rejected %	48%	37%	46%	35%	45%	47%	grade 1 events	298	131	163	101	221	223
								0%	0%	0%	0%	0%	0%
							grade 2 events	8190	26809	9524	16115	11259	9189
								8%	22%	9%	13%	9%	9%
							grade 3 events	3634	3471	3568	6951	4533	3536
								3%	2%	3%	6%	4%	3%
							grade 4 events	3516	3424	3467	6799	4452	3436
								3%	2%	3%	5%	3%	3%
							grade 5 events	2568	6041	2683	6751	3511	2911
								2%	5%	2%	5%	3%	2%
							grade 6 events	6603	29094	9032	30204	10554	8223
								6%	24%	8%	26%	9%	8%
							grade 7 events	45771	37492	44116	34050	47564	43343
								45%	31%	43%	29%	42%	43%

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	64.99961012688948	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	29.47204046449601	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	270.0648335818383	[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)	346395212.635109	346395211.61011			
Observation start date	2008-12-23T04:53:33	2008-12-23T04:53:31			
[s] Observation end time (MET)	346400716.885381	346400715.86038			
Observation end date	2008-12-23T06:25:17	2008-12-23T06:25:15			
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)	2012.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.991999981463

A.2 Comments