

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 54588 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 27 2012

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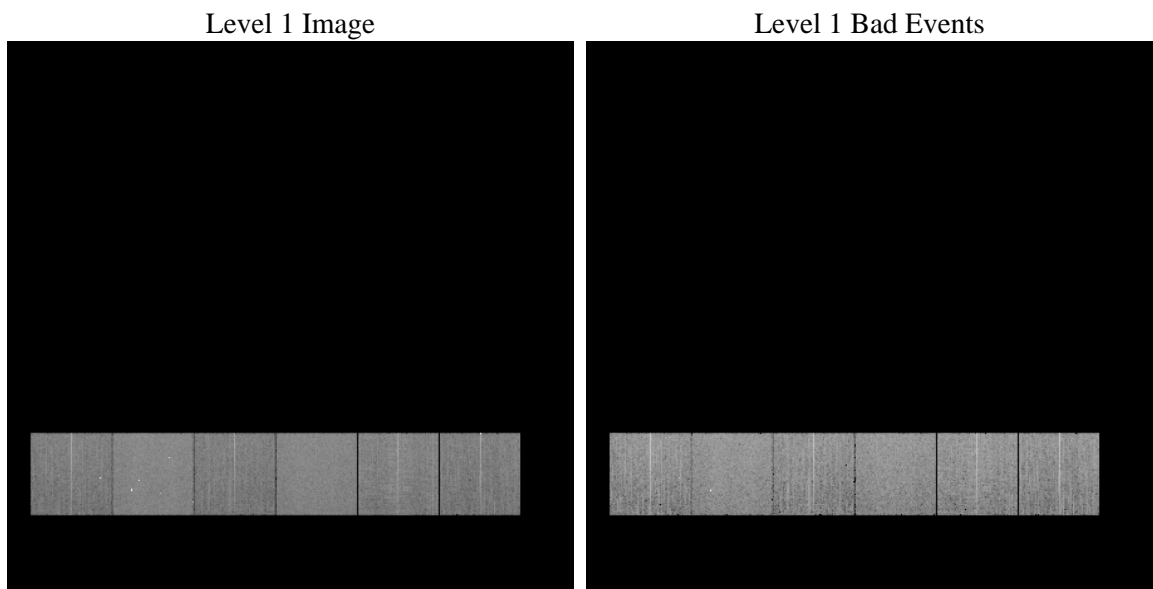
1 Front

seq_num	 	Sequence number
obs_id	54588	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	251.84340748949	Nominal RA [deg]
dec_nom	-38.583717889296	Nominal Dec [deg]
roll_nom	62.22039759216	Nominal Roll [deg]
revision	1	Processing version of data
ontime	7983.9999703169	Sum of GTIs [s]
livetime	7882.9017553051	Livetime [s]
ontime4	7983.9999703169	Sum of GTIs [s]
ontime5	7983.9999703169	Sum of GTIs [s]
ontime6	7983.9999703169	Sum of GTIs [s]
ontime7	7983.9999703169	Sum of GTIs [s]
ontime8	7983.9999703169	Sum of GTIs [s]
ontime9	7983.9999703169	Sum of GTIs [s]
l2events	277116	Number of level 2 events

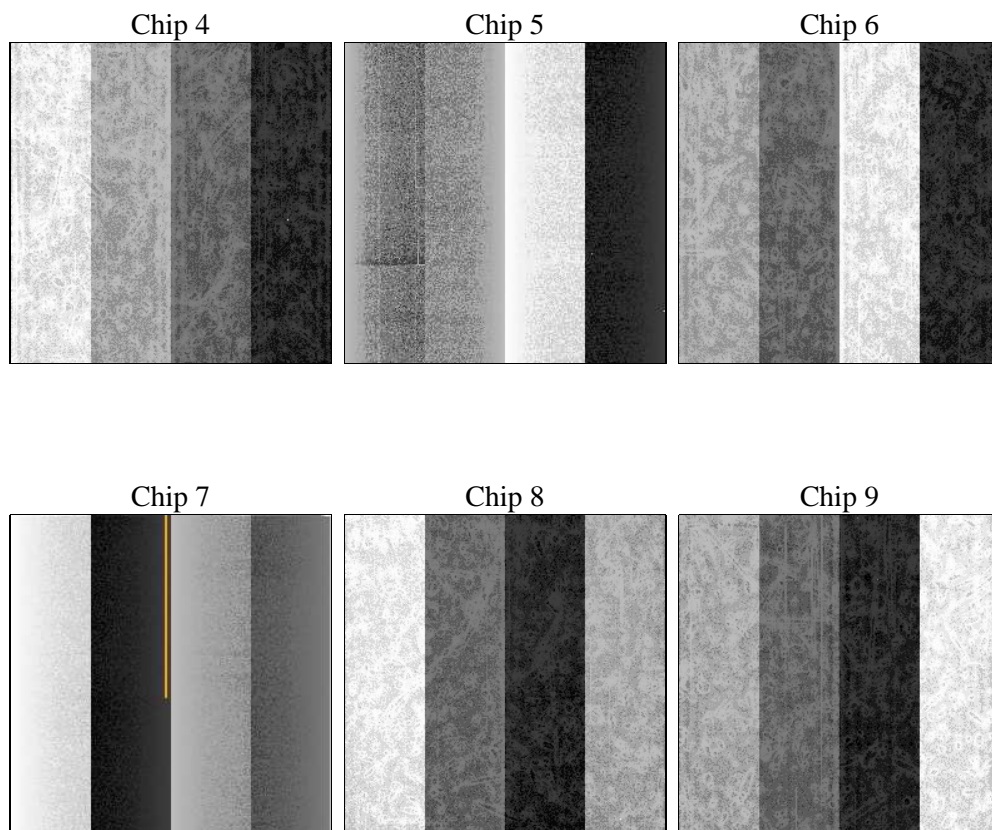
2 OBI

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	7983.9999703169	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7983.9999703169	Sum of GTIs [s]
date	2012-05-27T07:09:05	Date and time of file creation	ontime5	7983.9999703169	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	7983.9999703169	Sum of GTIs [s]
			ontime7	7983.9999703169	Sum of GTIs [s]
			ontime8	7983.9999703169	Sum of GTIs [s]
			ontime9	7983.9999703169	Sum of GTIs [s]
			l1events	667998	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	99020	134606	96394	125165	113995	98818	grade 0 events	23662	10889	21315	10774	24224	23521
rejected events	59430	61790	56079	59232	63222	57581		23%	8%	22%	8%	21%	23%
rejected %	60%	45%	58%	47%	55%	58%	grade 1 events	192	193	103	126	159	129
								0%	0%	0%	0%	0%	0%
							grade 2 events	6471	26298	7771	14846	10453	7184
								6%	19%	8%	11%	9%	7%
							grade 3 events	2821	3035	2754	6004	3919	2743
								2%	2%	2%	4%	3%	2%
							grade 4 events	2844	2790	2821	5968	4035	2742
								2%	2%	2%	4%	3%	2%
							grade 5 events	3536	7305	3570	8621	4475	3854
								3%	5%	3%	6%	3%	3%
							grade 6 events	5318	32466	7218	30857	9883	6645
								5%	24%	7%	24%	8%	6%
							grade 7 events	54176	51630	50842	47969	56847	52000
								54%	38%	52%	38%	49%	52%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	251.8434074894854
[deg] Pointing Dec	0	-38.58371788929598
[deg] Pointing Roll	0.0	62.2203975921597
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	454422651.041721	454422651.041721
Observation start date	2012-05-26T12:30:51	2012-05-26T12:30:51
[s] Observation end time (MET)	454432199.447719	454432199.447719
Observation end date	2012-05-26T15:09:59	2012-05-26T15:09:59
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.9839999703169

A.2 Comments