

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57140 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 6 2012

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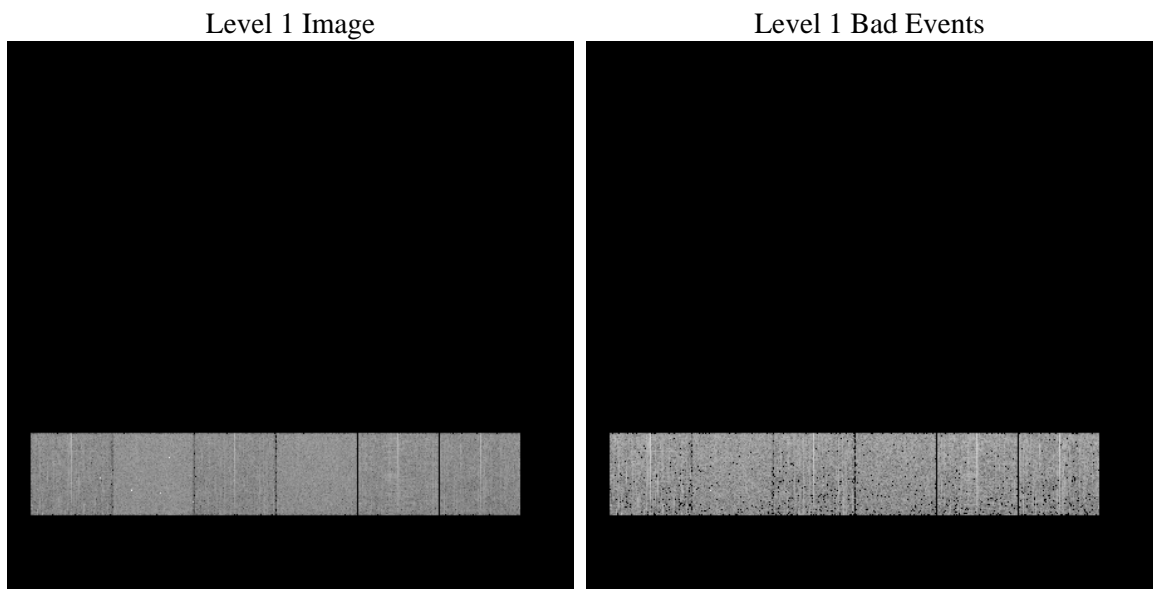
1 Front

seq_num	 	Sequence number
obs_id	57140	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	343.38230386757	Nominal RA [deg]
dec_nom	62.601591270114	Nominal Dec [deg]
roll_nom	63.067123849848	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2185.5999919176	Sum of GTIs [s]
livetime	2157.9246088096	Livetime [s]
ontime4	2185.5999919176	Sum of GTIs [s]
ontime5	2185.5999919176	Sum of GTIs [s]
ontime6	2185.5999919176	Sum of GTIs [s]
ontime7	2185.5999919176	Sum of GTIs [s]
ontime8	2185.5999919176	Sum of GTIs [s]
ontime9	2185.5999919176	Sum of GTIs [s]
l2events	141384	Number of level 2 events

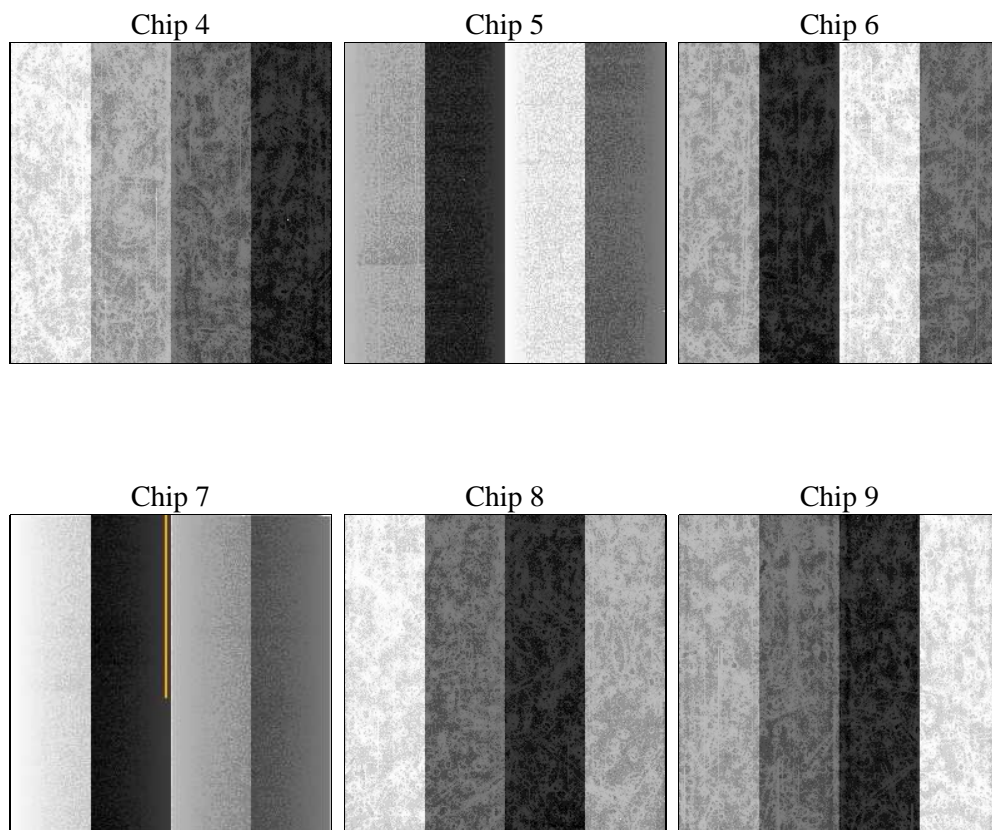
2 OBI

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	2185.5999919176	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	2185.5999919176	Sum of GTIs [s]
date	2012-06-06T10:52:23	Date and time of file creation	ontime5	2185.5999919176	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	2185.5999919176	Sum of GTIs [s]
			ontime7	2185.5999919176	Sum of GTIs [s]
			ontime8	2185.5999919176	Sum of GTIs [s]
			ontime9	2185.5999919176	Sum of GTIs [s]
			l1events	297195	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	46224	55972	45168	53066	51196	45569	grade 0 events	12507	5688	12262	6238	13356	11819
rejected events	25209	23058	23134	21384	25438	24224		27%	10%	27%	11%	26%	25%
rejected %	54%	41%	51%	40%	49%	53%	grade 1 events	115	129	85	45	112	101
								0%	0%	0%	0%	0%	0%
							grade 2 events	3615	11923	4103	7252	4987	3864
								7%	21%	9%	13%	9%	8%
							grade 3 events	1574	1635	1516	3112	2050	1545
								3%	2%	3%	5%	4%	3%
							grade 4 events	1556	1619	1433	3135	2034	1622
								3%	2%	3%	5%	3%	3%
							grade 5 events	1223	2904	1276	3408	1706	1386
								2%	5%	2%	6%	3%	3%
							grade 6 events	2862	13716	3789	13577	4579	3563
								6%	24%	8%	25%	8%	7%
							grade 7 events	22772	18358	20704	16299	22372	21669
								49%	32%	45%	30%	43%	47%

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	343.3823038675682
[deg] Pointing Dec	0	62.60159127011391
[deg] Pointing Roll	0.0	63.0671238498477
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	357315589.826989	357315589.826989
Observation start date	2009-04-28T14:19:50	2009-04-28T14:19:49
[s] Observation end time (MET)	357319610.52018	357319610.52018
Observation end date	2009-04-28T15:26:51	2009-04-28T15:26:50
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)	2012.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1855999919176

A.2 Comments