

V&V Reference Report

L2 ASCDS Version : 10.1

Observation 53332 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 9 2013

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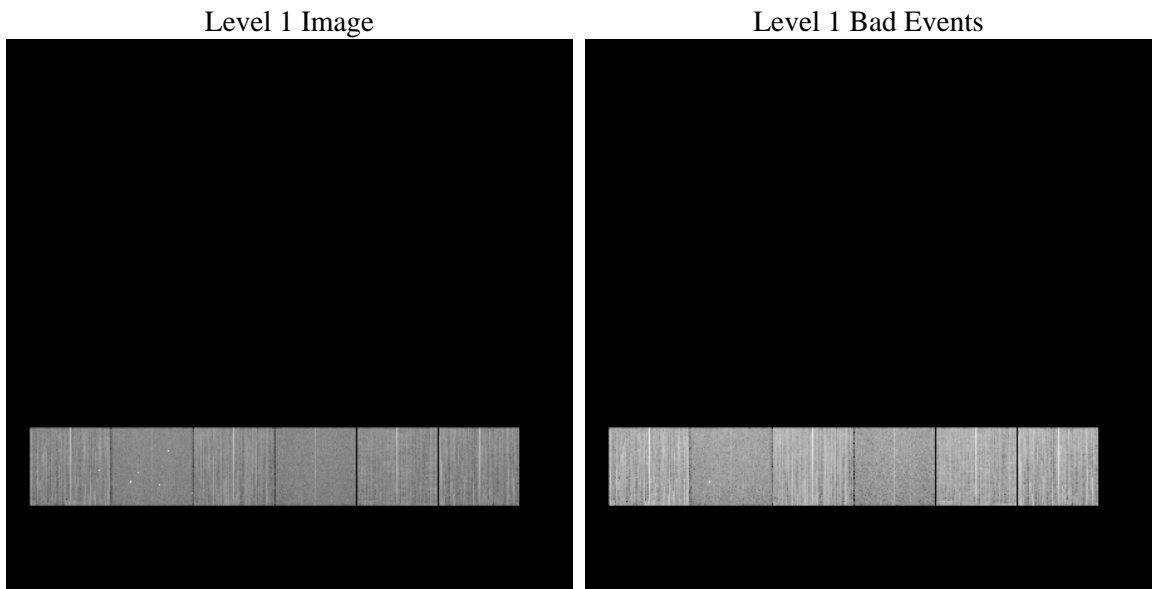
1 Front

seq_num	 	Sequence number
obs_id	53332	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	110.33734234286	Nominal RA [deg]
dec_nom	-85.727081456105	Nominal Dec [deg]
roll_nom	95.988068924692	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8248.7905882597	Sum of GTIs [s]
livetime	8144.3394350058	Livetime [s]
ontime4	8248.6674682498	Sum of GTIs [s]
ontime5	8248.7495482564	Sum of GTIs [s]
ontime6	8248.7085082531	Sum of GTIs [s]
ontime7	8248.7905882597	Sum of GTIs [s]
ontime8	8248.6264282465	Sum of GTIs [s]
ontime9	8248.831628263	Sum of GTIs [s]
l2events	225021	Number of level 2 events

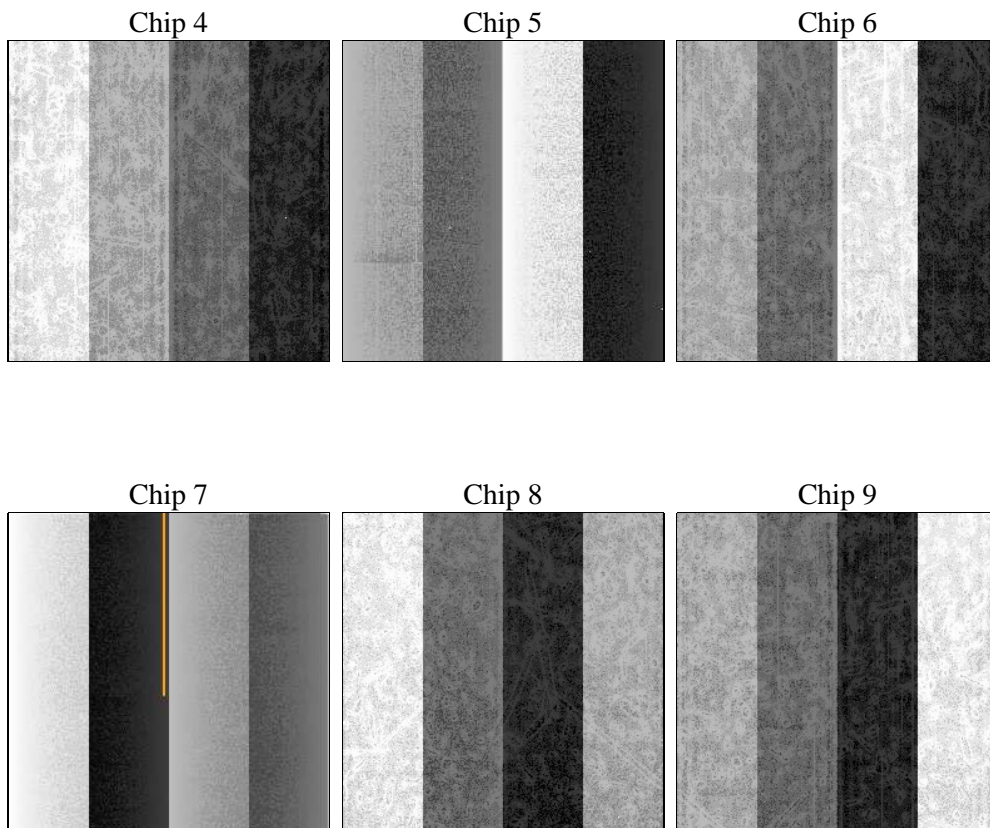
2 OBI

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	10.1	Processing system revision	ontime	8248.7905882597	Sum of GTIs [s]
caldbver	4.5.8	 	ontime4	8248.6674682498	Sum of GTIs [s]
date	2013-10-10T00:06:08	Date and time of file creation	ontime5	8248.7495482564	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8248.7085082531	Sum of GTIs [s]
			ontime7	8248.7905882597	Sum of GTIs [s]
			ontime8	8248.6264282465	Sum of GTIs [s]
			ontime9	8248.831628263	Sum of GTIs [s]
			l1events	897408	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	157047	137726	161205	124594	160803	156033	grade 0 events	17659	10161	15250	8169	17907	15636
rejected events	125572	72951	130076	68210	120765	125051		11%	7%	9%	6%	11%	10%
rejected %	79%	52%	80%	54%	75%	80%	grade 1 events	138	148	75	82	91	80
								0%	0%	0%	0%	0%	0%
							grade 2 events	5593	23586	6458	13829	8381	6097
								3%	17%	4%	11%	5%	3%
							grade 3 events	2150	2099	2072	4651	3009	2139
								1%	1%	1%	3%	1%	1%
							grade 4 events	2121	2087	2056	4688	3006	2101
								1%	1%	1%	3%	1%	1%
							grade 5 events	3180	6200	3095	7691	4127	3504
								2%	4%	1%	6%	2%	2%
							grade 6 events	4117	27119	5429	25289	8001	5147
								2%	19%	3%	20%	4%	3%
							grade 7 events	122089	66326	126770	60195	116281	121329
								77%	48%	78%	48%	72%	77%

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	OVERRIDE	OVERRIDE
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	110.3373423428635	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-85.72708145610454	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	95.9880689246922	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
SIM translation stage pos (mm)	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	497613077.343449	497613077.343449			
Observation start date	2013-10-08T09:51:17	2013-10-08T09:51:17			
[s] Observation end time (MET)	497621715.804002	497621715.804002			
Observation end date	2013-10-08T12:15:16	2013-10-08T12:15:15			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.10.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2487905882597

A.2 Comments