

V&V Reference Report

L2 ASCDS Version : 10.1.1

Observation 53257 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 6 2013

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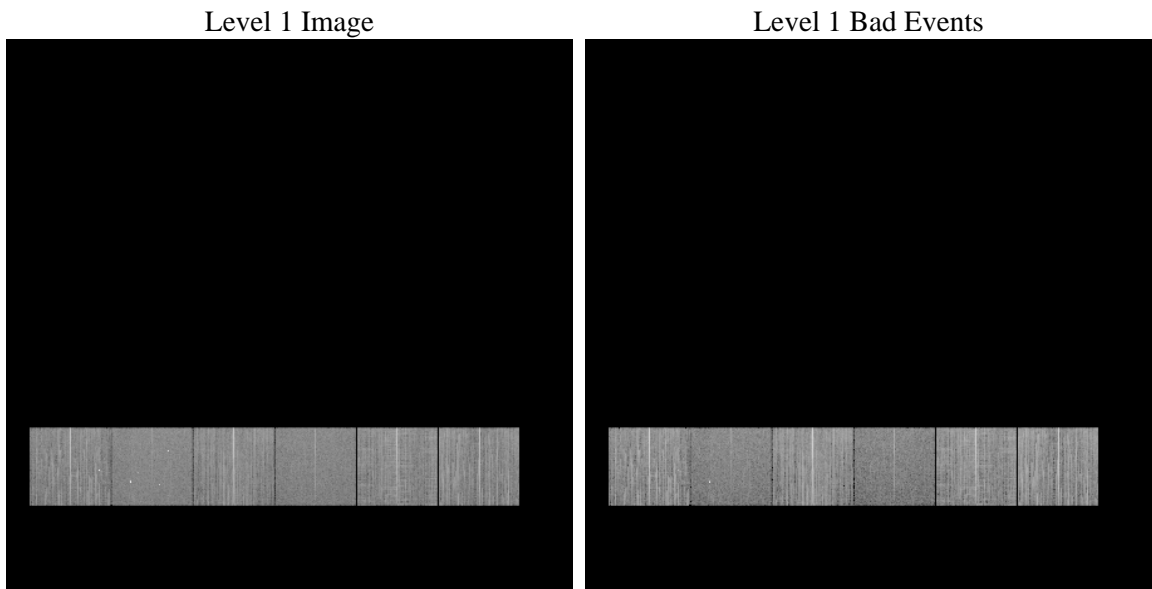
1 Front

seq_num	 	Sequence number
obs_id	53257	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	49.681699892988	Nominal RA [deg]
dec_nom	-3.3567598703436	Nominal Dec [deg]
roll_nom	26.74816573974	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	214435	Number of level 2 events

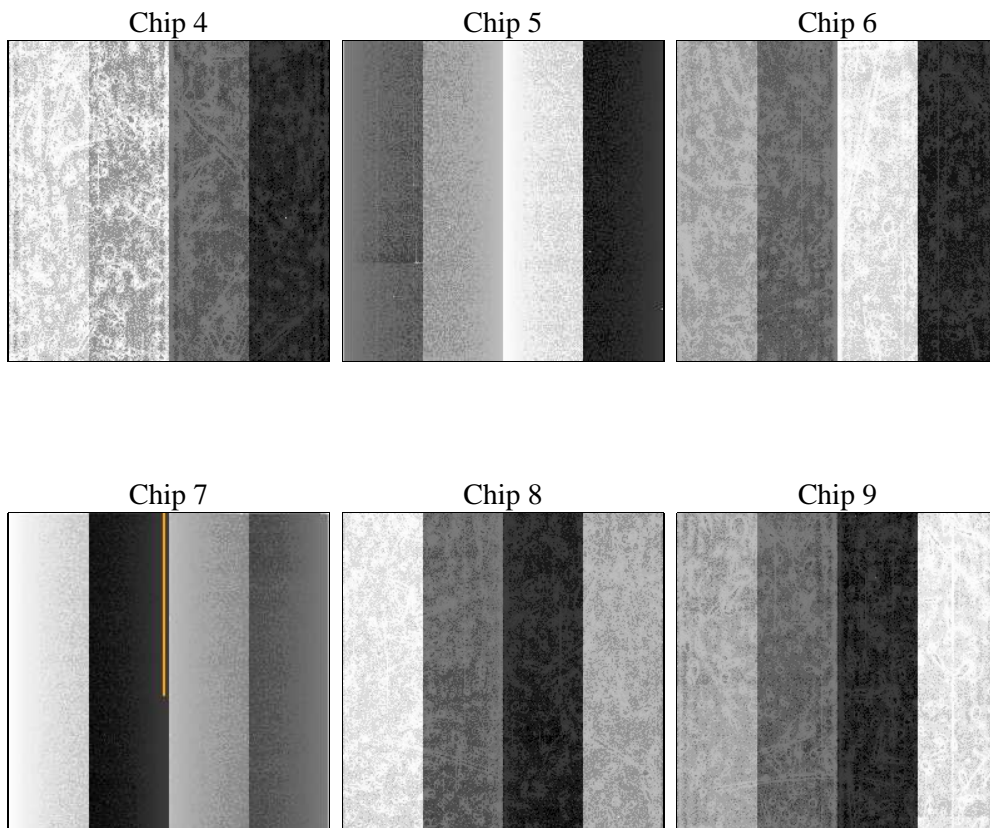
2 OBI

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	10.1.1	Processing system revision	ontime	7983.9999703169	Sum of GTIs [s]
caldbver	4.5.8	 	ontime4	7983.9999703169	Sum of GTIs [s]
date	2013-11-06T23:40:24	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	872809	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	147076	134252	153048	120976	158099	159358	grade 0 events	17832	7723	15468	8181	17576	15168
rejected events	116581	74924	123181	67264	119919	130345		12%	5%	10%	6%	11%	9%
rejected %	79%	55%	80%	55%	75%	81%	grade 1 events	132	111	72	90	95	82
								0%	0%	0%	0%	0%	0%
							grade 2 events	5617	22442	6269	13401	8131	5818
								3%	16%	4%	11%	5%	3%
							grade 3 events	2160	2171	2059	4806	3088	2102
								1%	1%	1%	3%	1%	1%
							grade 4 events	2079	2133	1997	4551	3016	2052
								1%	1%	1%	3%	1%	1%
							grade 5 events	3097	6266	3170	7492	4023	3479
								2%	4%	2%	6%	2%	2%
							grade 6 events	4012	27066	5231	24708	7887	4987
								2%	20%	3%	20%	4%	3%
							grade 7 events	112147	66340	118782	57747	114283	125670
								76%	49%	77%	47%	72%	78%

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	49.68169989298816
[deg] Pointing Dec	0	-3.356759870343632
[deg] Pointing Roll	0.0	26.74816573973965
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)	500125897.780987	500125897.780987
Observation start date	2013-11-06T11:51:38	2013-11-06T11:51:37
[s] Observation end time (MET)	500135101.167242	500135101.167242
Observation end date	2013-11-06T14:25:01	2013-11-06T14:25:01
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.11.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.9839999703169

A.2 Comments