

V&V Reference Report

L2 ASCDS Version : 10

Observation 53613 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 22 2013

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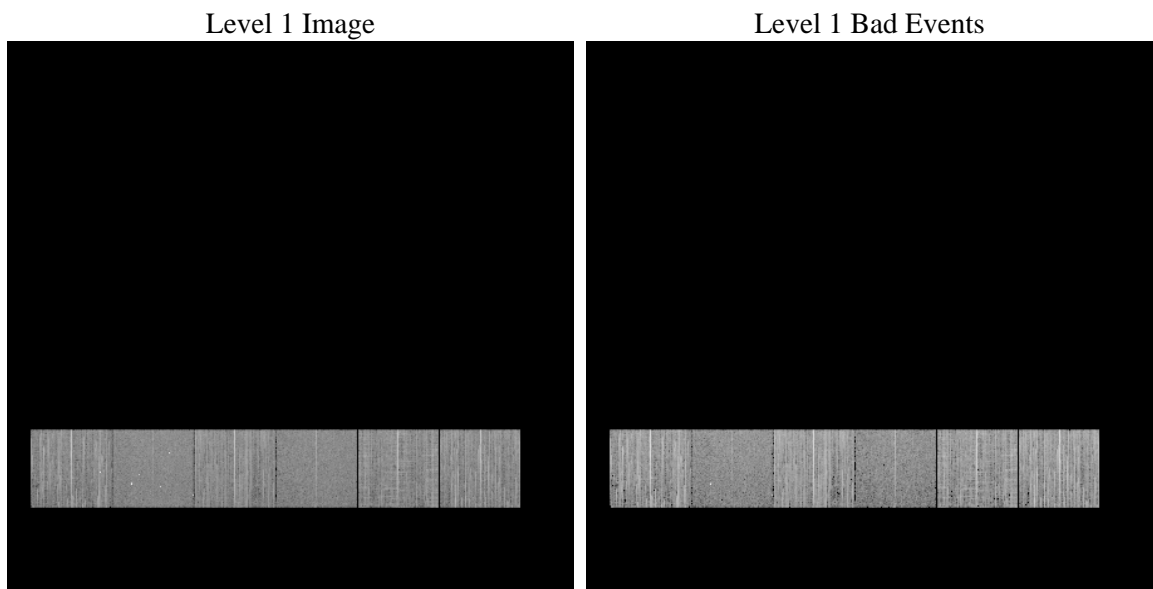
1 Front

seq_num	 	Sequence number
obs_id	53613	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	249.29544108665	Nominal RA [deg]
dec_nom	-6.0283829853074	Nominal Dec [deg]
roll_nom	227.9142586123	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5702.3999788165	Sum of GTIs [s]
livetime	5630.1927567117	Livetime [s]
ontime4	5702.3999788165	Sum of GTIs [s]
ontime5	5702.3999788165	Sum of GTIs [s]
ontime6	5702.3999788165	Sum of GTIs [s]
ontime7	5702.3999788165	Sum of GTIs [s]
ontime8	5702.3999788165	Sum of GTIs [s]
ontime9	5699.8757748008	Sum of GTIs [s]
l2events	161907	Number of level 2 events

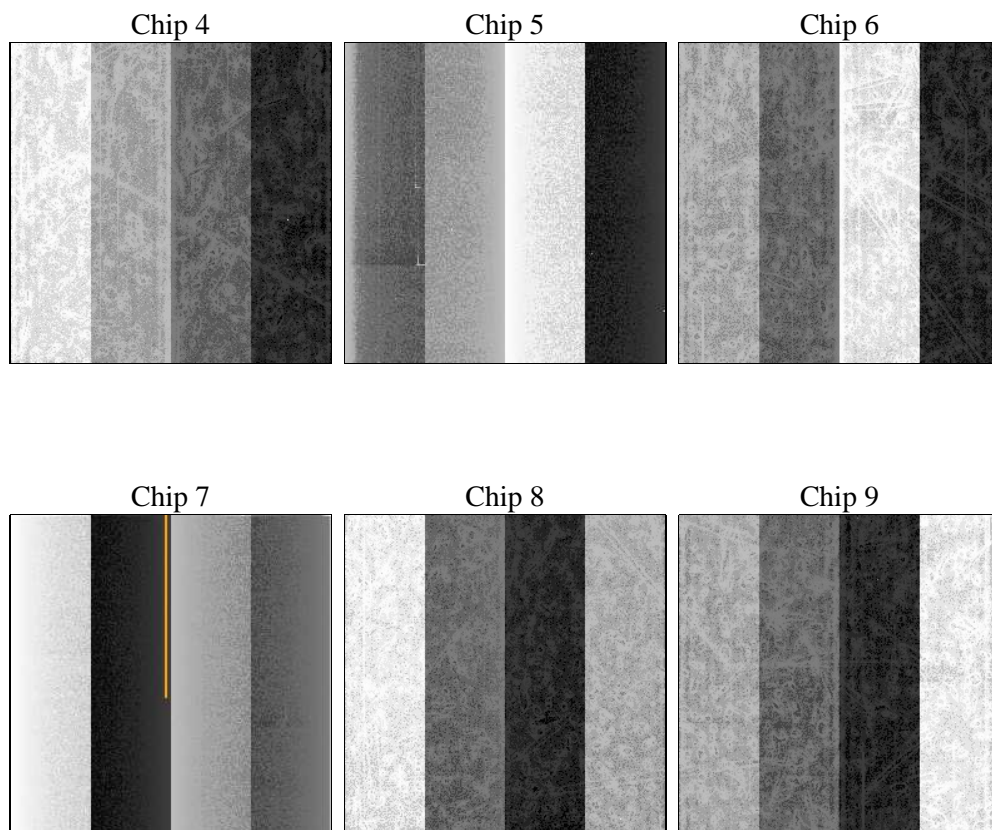
2 OBI

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	Processing system revision	ontime	5702.3999788165	Sum of GTIs [s]
caldsver	4.5.6	 	ontime4	5702.3999788165	Sum of GTIs [s]
date	2013-06-22T15:57:27	Date and time of file creation	ontime5	5702.3999788165	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	5702.3999788165	Sum of GTIs [s]
			ontime7	5702.3999788165	Sum of GTIs [s]
			ontime8	5702.3999788165	Sum of GTIs [s]
			ontime9	5699.8757748008	Sum of GTIs [s]
			l1events	621692	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	108419	93762	108693	86786	108476	115556	grade 0 events	13157	6117	11369	5907	12904	11208
rejected events	85081	49704	85741	46539	79544	93237		12%	6%	10%	6%	11%	9%
rejected %	78%	53%	78%	53%	73%	80%	grade 1 events	104	168	48	70	66	74
								0%	0%	0%	0%	0%	0%
							grade 2 events	4182	16313	4636	9742	5962	4405
								3%	17%	4%	11%	5%	3%
							grade 3 events	1583	1522	1496	3343	2199	1577
								1%	1%	1%	3%	2%	1%
							grade 4 events	1493	1534	1482	3273	2153	1419
								1%	1%	1%	3%	1%	1%
							grade 5 events	2131	4185	2087	5180	2862	2323
								1%	4%	1%	5%	2%	2%
							grade 6 events	2923	18572	3969	17982	5714	3710
								2%	19%	3%	20%	5%	3%
							grade 7 events	82846	45351	83606	41289	76616	90840
								76%	48%	76%	47%	70%	78%

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	249.2954410866477	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-6.028382985307445	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	227.9142586122956	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	488273147.684306	488273146.65931			
Observation start date	2013-06-22T07:25:48	2013-06-22T07:25:46			
[s] Observation end time (MET)	488280749.084719	488280748.05972			
Observation end date	2013-06-22T09:32:29	2013-06-22T09:32:28			
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)	2013.06.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.7023999788165

A.2 Comments