

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57239 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 2 2012

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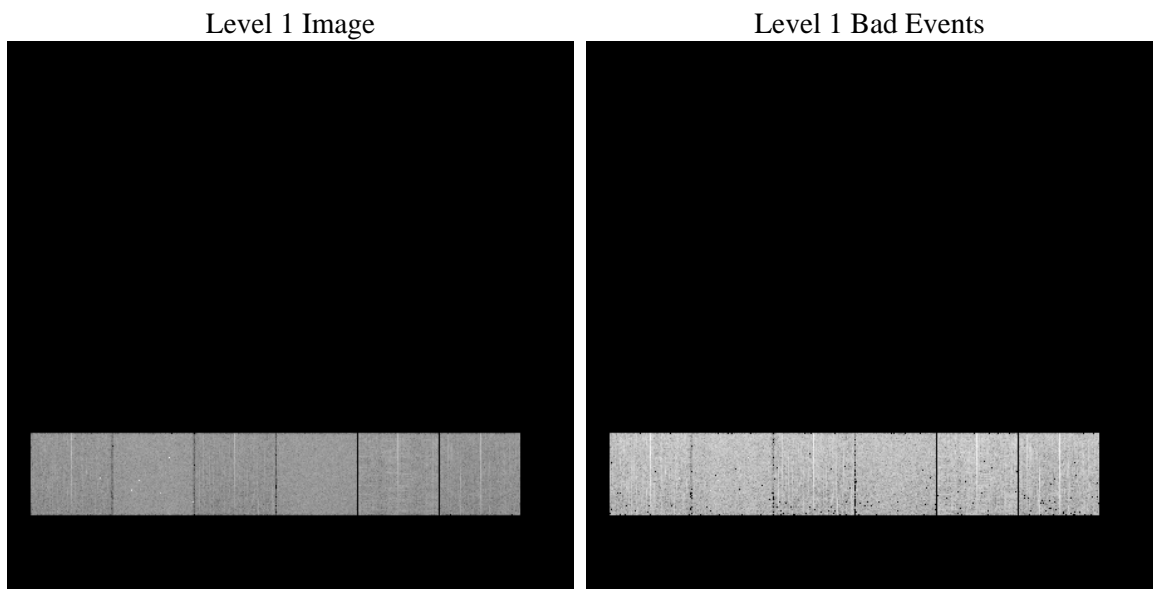
1 Front

seq_num	 	Sequence number
obs_id	57239	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	185.89850503269	Nominal RA [deg]
dec_nom	24.517764027603	Nominal Dec [deg]
roll_nom	145.99765534474	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3001.5999888778	Sum of GTIs [s]
livetime	2963.5919224721	Livetime [s]
ontime4	3001.5999888778	Sum of GTIs [s]
ontime5	3001.5999888778	Sum of GTIs [s]
ontime6	3001.5999888778	Sum of GTIs [s]
ontime7	3001.5999888778	Sum of GTIs [s]
ontime8	3001.5999888778	Sum of GTIs [s]
ontime9	3001.5999888778	Sum of GTIs [s]
l2events	200432	Number of level 2 events

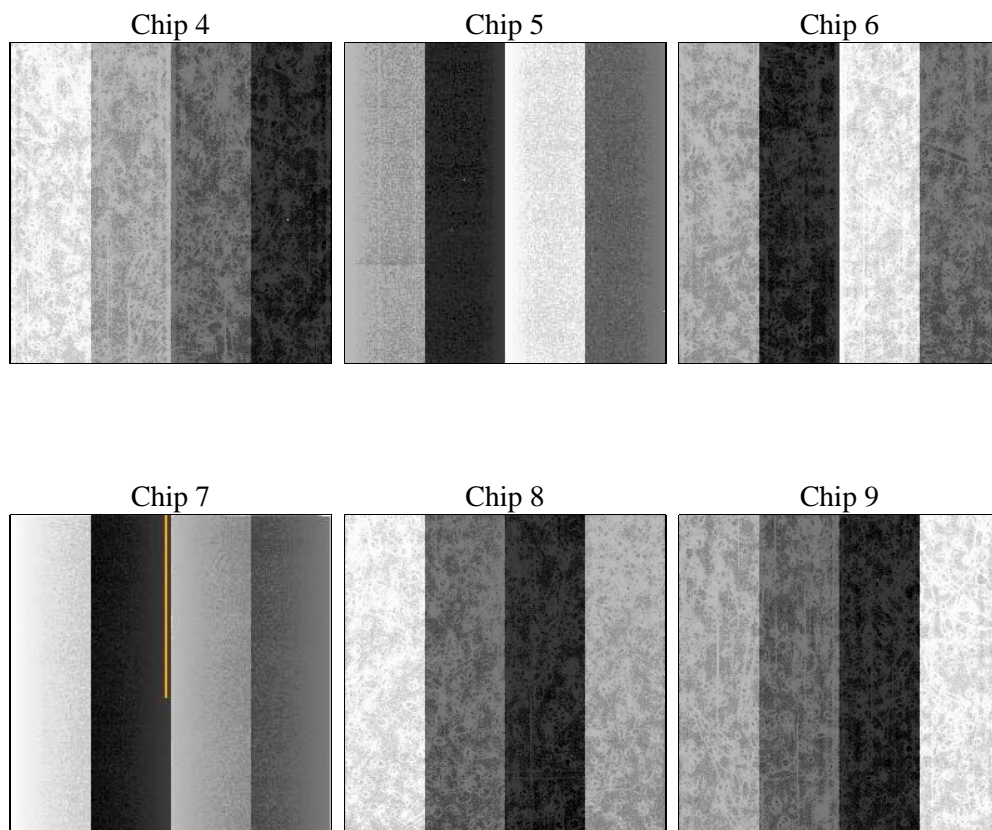
2 OBI

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	3001.5999888778	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	3001.5999888778	Sum of GTIs [s]
date	2012-06-02T14:47:46	Date and time of file creation	ontime5	3001.5999888778	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3001.5999888778	Sum of GTIs [s]
			ontime7	3001.5999888778	Sum of GTIs [s]
			ontime8	3001.5999888778	Sum of GTIs [s]
			ontime9	3001.5999888778	Sum of GTIs [s]
			l1events	427462	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	66456	79021	65798	75905	75869	64413	grade 0 events	18299	8454	17889	9205	19915	17737
rejected events	36674	33803	34128	31441	38704	33870		27%	10%	27%	12%	26%	27%
rejected %	55%	42%	51%	41%	51%	52%	grade 1 events	190	111	105	74	137	140
								0%	0%	0%	0%	0%	0%
							grade 2 events	5310	17099	6159	10465	7322	5774
								7%	21%	9%	13%	9%	8%
							grade 3 events	2247	2277	2302	4579	3028	2316
								3%	2%	3%	6%	3%	3%
							grade 4 events	2263	2164	2300	4616	2847	2235
								3%	2%	3%	6%	3%	3%
							grade 5 events	1728	4047	1777	4557	2348	2006
								2%	5%	2%	6%	3%	3%
							grade 6 events	4289	19216	5832	19481	7278	5315
								6%	24%	8%	25%	9%	8%
							grade 7 events	32130	25653	29434	22928	32994	28890
								48%	32%	44%	30%	43%	44%

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	185.898505032689
[deg] Pointing Dec	0	24.51776402760327
[deg] Pointing Roll	0.0	145.9976553447358
[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)	353204890.672494	353204890.672494
Observation start date	2009-03-12T00:28:11	2009-03-12T00:28:10
[s] Observation end time (MET)	353208254.809671	353208254.809671
Observation end date	2009-03-12T01:24:15	2009-03-12T01:24:14
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)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0015999888778

A.2 Comments