

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55235 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 20 2012

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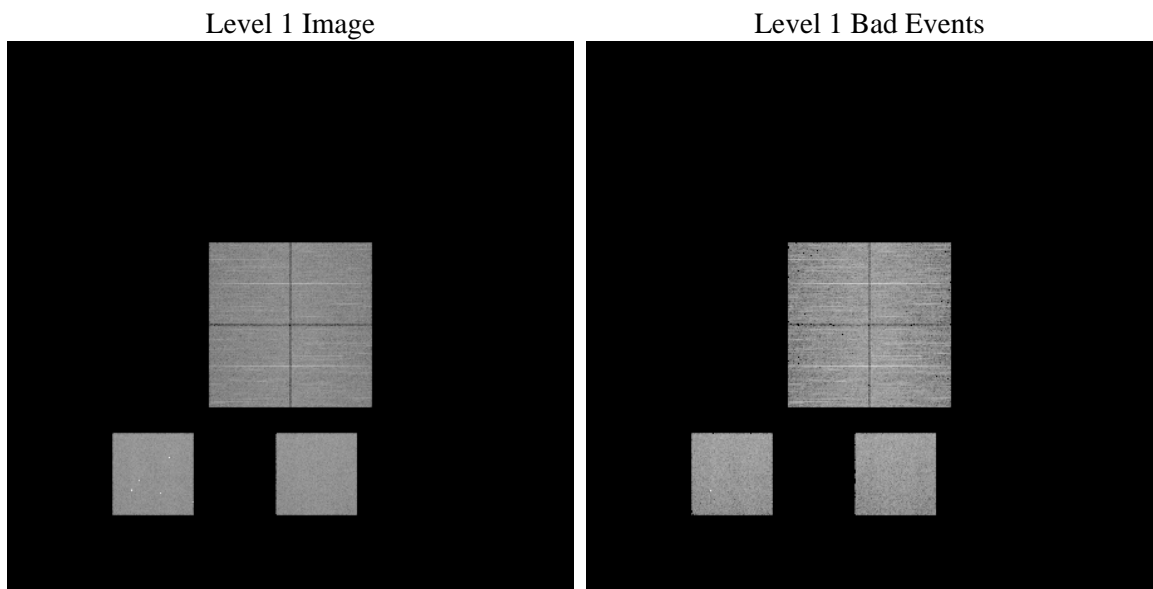
1 Front

seq_num	 	Sequence number
obs_id	55235	Observation id
title	ACIS-012357 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	318.7437076259	Nominal RA [deg]
dec_nom	-37.495830441371	Nominal Dec [deg]
roll_nom	333.08358747003	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8159.9999696612	Sum of GTIs [s]
livetime	8056.6731366833	Livetime [s]
ontime0	8159.9999696612	Sum of GTIs [s]
ontime1	8159.9999696612	Sum of GTIs [s]
ontime2	8159.9999696612	Sum of GTIs [s]
ontime3	8159.9999696612	Sum of GTIs [s]
ontime5	8159.9999696612	Sum of GTIs [s]
ontime7	8159.9999696612	Sum of GTIs [s]
l2events	325349	Number of level 2 events

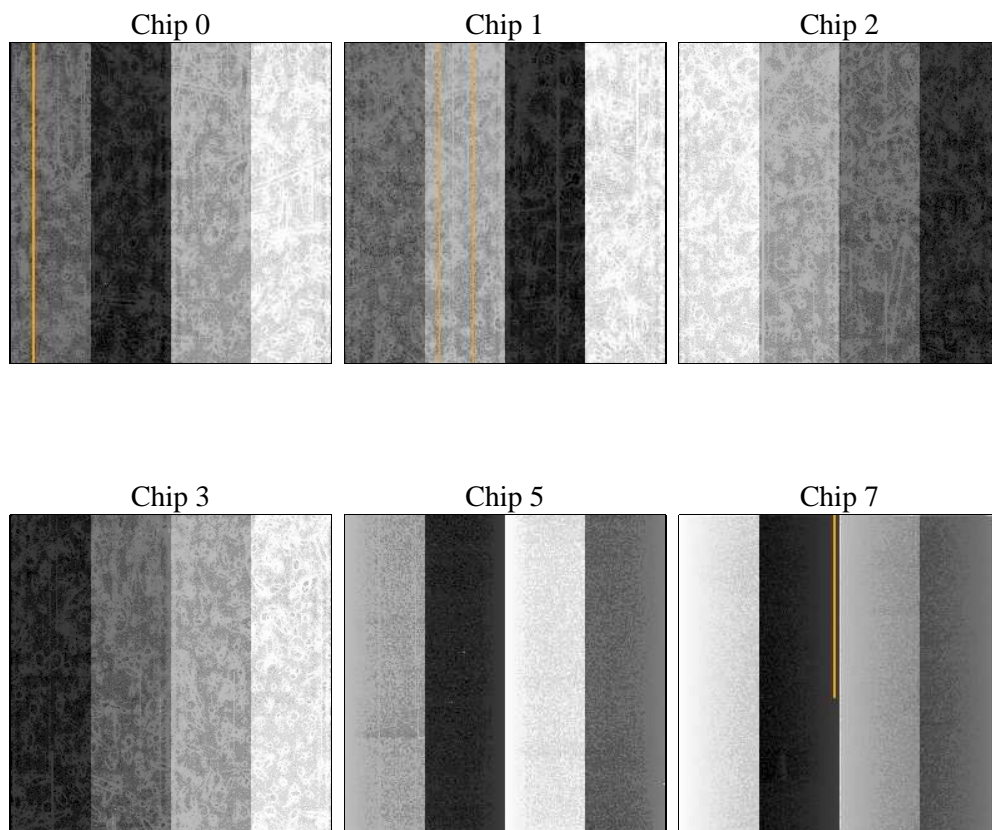
2 OBI

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	8.4.3	Processing system revision	ontime	8159.9999696612	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8159.9999696612	Sum of GTIs [s]
date	2012-02-20T23:38:14	Date and time of file creation	ontime1	8159.9999696612	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8159.9999696612	Sum of GTIs [s]
			ontime3	8159.9999696612	Sum of GTIs [s]
			ontime5	8159.9999696612	Sum of GTIs [s]
			ontime7	8159.9999696612	Sum of GTIs [s]
			l1events	684376	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	100226	100641	100546	105492	141466	136005	grade 0 events	24886	24508	25582	25451	12526	13054
rejected events	53470	53541	53803	58395	60425	59582		24%	24%	25%	24%	8%	9%
rejected %	53%	53%	53%	55%	42%	43%	grade 1 events	151	139	169	167	214	101
								0%	0%	0%	0%	0%	0%
							grade 2 events	8820	9123	8396	8639	28495	16909
								8%	9%	8%	8%	20%	12%
							grade 3 events	3209	3297	3310	3358	3428	7093
								3%	3%	3%	3%	2%	5%
							grade 4 events	3185	3195	3222	3321	3242	7028
								3%	3%	3%	3%	2%	5%
							grade 5 events	3456	3510	3329	3798	7881	9452
								3%	3%	3%	3%	5%	6%
							grade 6 events	7362	7710	6991	7090	34624	33552
								7%	7%	6%	6%	24%	24%
							grade 7 events	49157	49159	49547	53668	51056	48816
								49%	48%	49%	50%	36%	35%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	318.743707625901
[deg] Pointing Dec	0	-37.49583044137084
[deg] Pointing Roll	0.0	333.0835874700297
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	430430284.337523	430430284.337523
Observation start date	2011-08-22T19:58:04	2011-08-22T19:58:04
[s] Observation end time (MET)	430439833.213785	430439833.213785
Observation end date	2011-08-22T22:37:13	2011-08-22T22:37:13
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1599999696612

A.2 Comments