

V&V Reference Report

L2 ASCDS Version : 10.2.2

Observation 52696 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 19 2014

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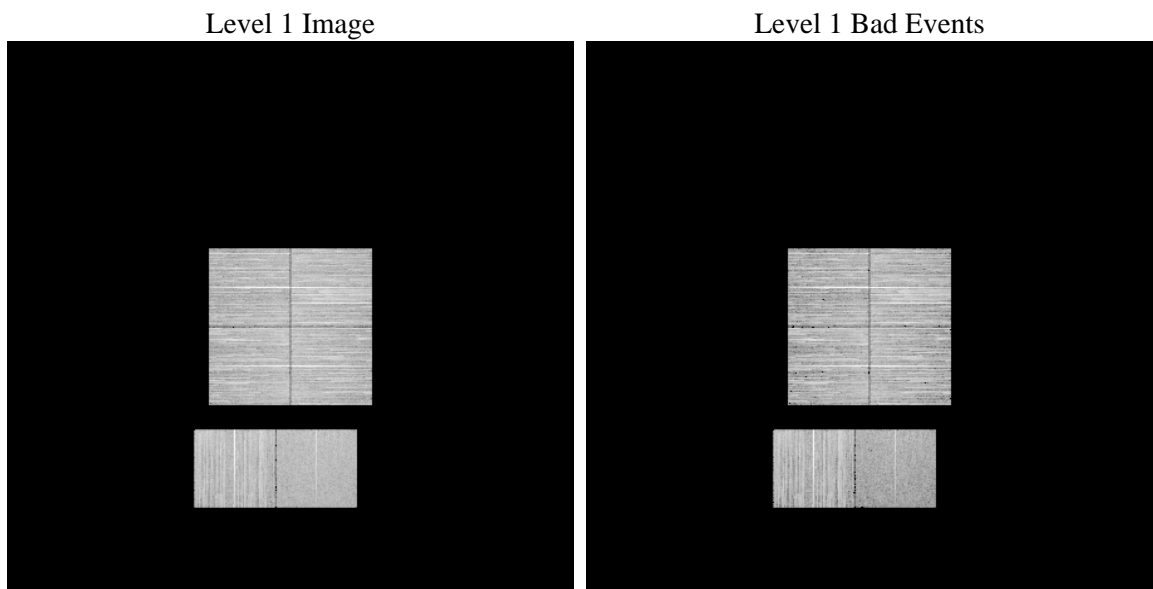
1 Front

seq_num	 	Sequence number
obs_id	52696	Observation id
title	ACIS-012367 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	268.54461922699	Nominal RA [deg]
dec_nom	-20.949808995341	Nominal Dec [deg]
roll_nom	118.63358219784	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8028.79997015	Sum of GTIs [s]
livetime	7927.134470565	Livetime [s]
ontime0	8028.79997015	Sum of GTIs [s]
ontime1	8028.79997015	Sum of GTIs [s]
ontime2	8028.79997015	Sum of GTIs [s]
ontime3	8028.79997015	Sum of GTIs [s]
ontime6	8028.79997015	Sum of GTIs [s]
ontime7	8028.79997015	Sum of GTIs [s]
l2events	164418	Number of level 2 events

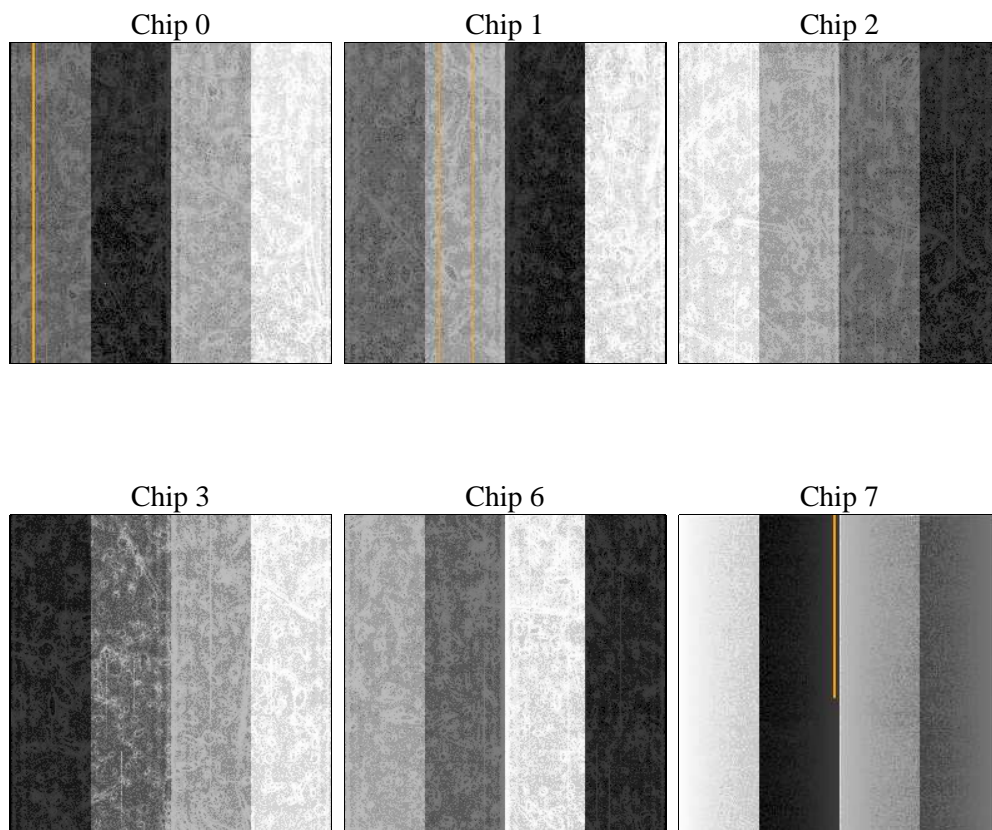
2 OBI

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	10.2.2	Processing system revision	ontime	8028.79997015	Sum of GTIs [s]
caldsver	4.6.1	 	ontime0	8028.79997015	Sum of GTIs [s]
date	2014-06-19T20:05:03	Date and time of file creation	ontime1	8028.79997015	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8028.79997015	Sum of GTIs [s]
			ontime3	8028.79997015	Sum of GTIs [s]
			ontime6	8028.79997015	Sum of GTIs [s]
			ontime7	8028.79997015	Sum of GTIs [s]
			l1events	772201	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	122678	144555	130026	130742	133741	110459	grade 0 events	13258	12617	13292	13349	13188	6988
rejected events	97473	119438	105061	105673	107704	62355		10%	8%	10%	10%	9%	6%
rejected %	79%	82%	80%	80%	80%	56%	grade 1 events	68	59	72	63	64	86
								0%	0%	0%	0%	0%	0%
							grade 2 events	5244	5465	4990	5004	5563	12008
								4%	3%	3%	3%	4%	10%
							grade 3 events	1764	1775	1837	1799	1792	4224
								1%	1%	1%	1%	1%	3%
							grade 4 events	1677	1764	1786	1872	1764	4160
								1%	1%	1%	1%	1%	3%
							grade 5 events	2609	2608	2480	2936	2741	7039
								2%	1%	1%	2%	2%	6%
							grade 6 events	4207	4452	3969	3979	4730	22344
								3%	3%	3%	3%	3%	20%
							grade 7 events	93851	115815	101600	101740	103899	53610
								76%	80%	78%	77%	77%	48%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	268.5446192269872
[deg] Pointing Dec	0	-20.94980899534097
[deg] Pointing Roll	0.0	118.6335821978393
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)	519544899.000082	519544899.000082
Observation start date	2014-06-19T06:01:39	2014-06-19T06:01:39
[s] Observation end time (MET)	519554066.90241	519554066.90241
Observation end date	2014-06-19T08:34:27	2014-06-19T08:34:26
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.06.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.02879997015

A.2 Comments