

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56068 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 2 2012

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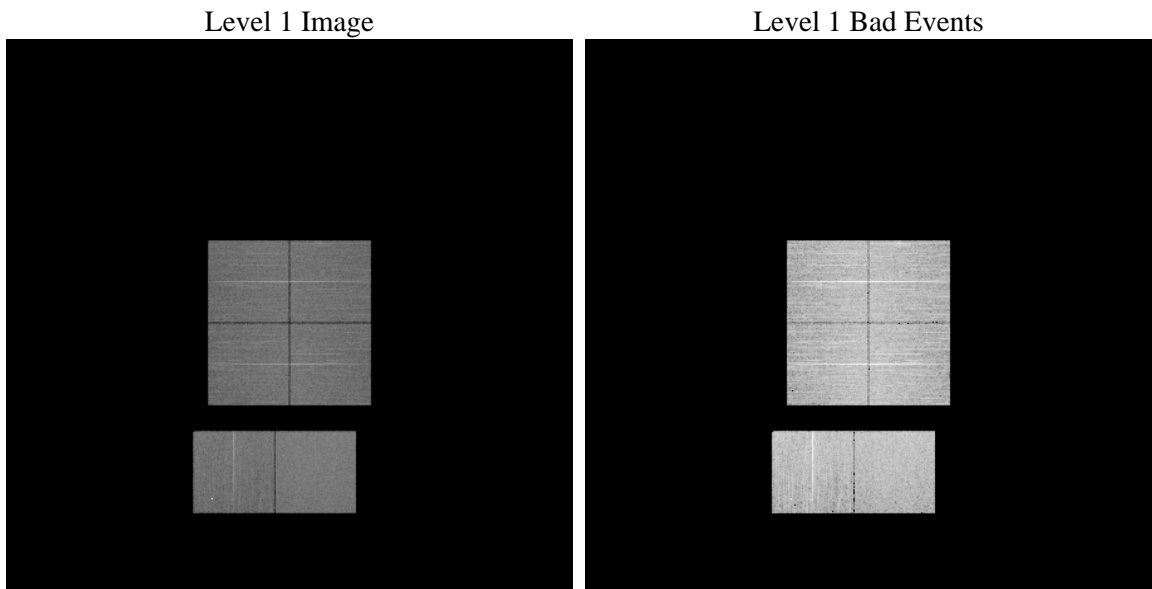
1 Front

seq_num	 	Sequence number
obs_id	56068	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	328.63799971559	Nominal RA [deg]
dec_nom	5.1779956494016	Nominal Dec [deg]
roll_nom	174.46503111835	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8156.3229389191	Sum of GTIs [s]
livetime	8053.0426667184	Livetime [s]
ontime0	8156.2818989158	Sum of GTIs [s]
ontime1	8152.9998486042	Sum of GTIs [s]
ontime2	8156.1998189092	Sum of GTIs [s]
ontime3	8156.3639789224	Sum of GTIs [s]
ontime6	8156.1587789059	Sum of GTIs [s]
ontime7	8156.3229389191	Sum of GTIs [s]
l2events	374657	Number of level 2 events

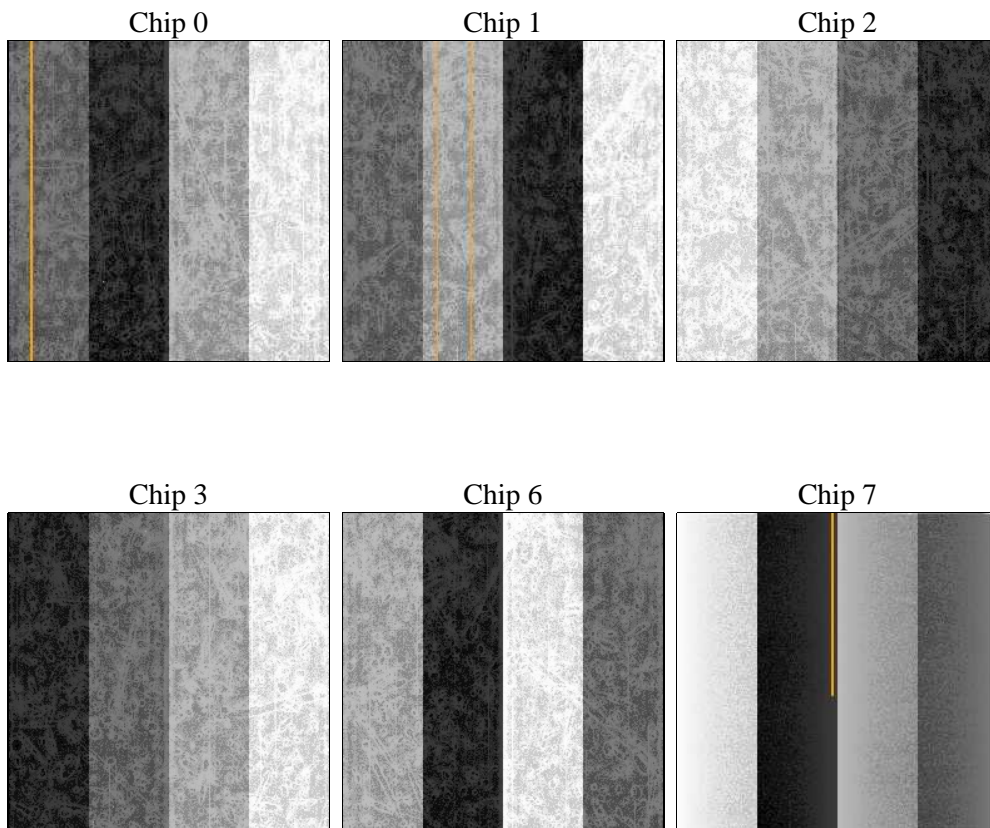
2 OBI

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	8.4.5	Processing system revision	ontime	8156.3229389191	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8156.2818989158	Sum of GTIs [s]
date	2012-07-02T05:42:25	Date and time of file creation	ontime1	8152.9998486042	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8156.1998189092	Sum of GTIs [s]
			ontime3	8156.3639789224	Sum of GTIs [s]
			ontime6	8156.1587789059	Sum of GTIs [s]
			ontime7	8156.3229389191	Sum of GTIs [s]
			l1events	806086	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	124270	124924	126411	130430	137978	162073	grade 0 events	32093	31448	32669	33145	32850	16888
rejected events	64371	64958	66879	70034	70929	67459		25%	25%	25%	25%	23%	10%
rejected %	51%	51%	52%	53%	51%	41%	grade 1 events	228	204	252	232	214	122
								0%	0%	0%	0%	0%	0%
							grade 2 events	11208	11843	10476	10798	16279	20883
								9%	9%	8%	8%	11%	12%
							grade 3 events	4185	4064	4116	4216	4146	8806
								3%	3%	3%	3%	3%	5%
							grade 4 events	4135	4069	4199	4183	4135	8626
								3%	3%	3%	3%	2%	5%
							grade 5 events	3921	3900	3622	4161	4223	10531
								3%	3%	2%	3%	3%	6%
							grade 6 events	9355	9632	9055	9128	10857	40943
								7%	7%	7%	6%	7%	25%
							grade 7 events	59145	59764	62022	64567	65274	55274
								47%	47%	49%	49%	47%	34%

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	328.637999715591
[deg] Pointing Dec	0	5.177995649401565
[deg] Pointing Roll	0.0	174.4650311183499
[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)	398671084.465573	398671084.465573
Observation start date	2010-08-20T05:58:04	2010-08-20T05:58:04
[s] Observation end time (MET)	398680631.381673	398680631.381673
Observation end date	2010-08-20T08:37:11	2010-08-20T08:37:11
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)	2012.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1563229389191

A.2 Comments