

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56105 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 30 2012

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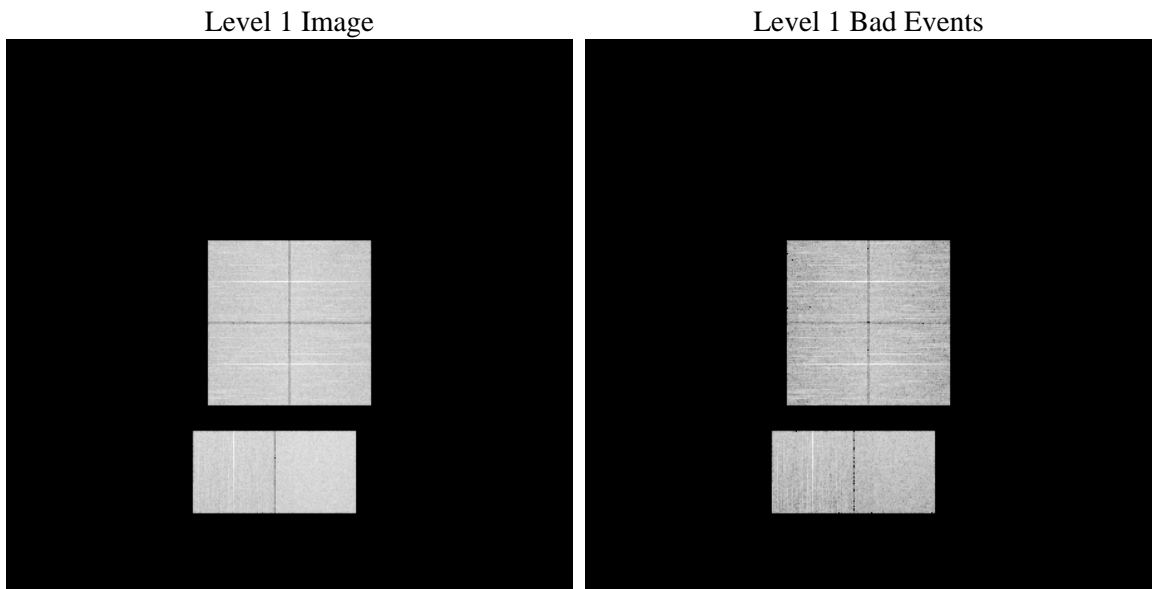
1 Front

seq_num	 	Sequence number
obs_id	56105	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	82.971879661837	Nominal RA [deg]
dec_nom	-15.990573862862	Nominal Dec [deg]
roll_nom	127.90094330566	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8245.25104177	Sum of GTIs [s]
livetime	8140.844708385	Livetime [s]
ontime0	8245.2100017667	Sum of GTIs [s]
ontime1	8245.1689617634	Sum of GTIs [s]
ontime2	8245.1279217601	Sum of GTIs [s]
ontime3	8245.2920817733	Sum of GTIs [s]
ontime6	8245.0868817568	Sum of GTIs [s]
ontime7	8245.25104177	Sum of GTIs [s]
l2events	379269	Number of level 2 events

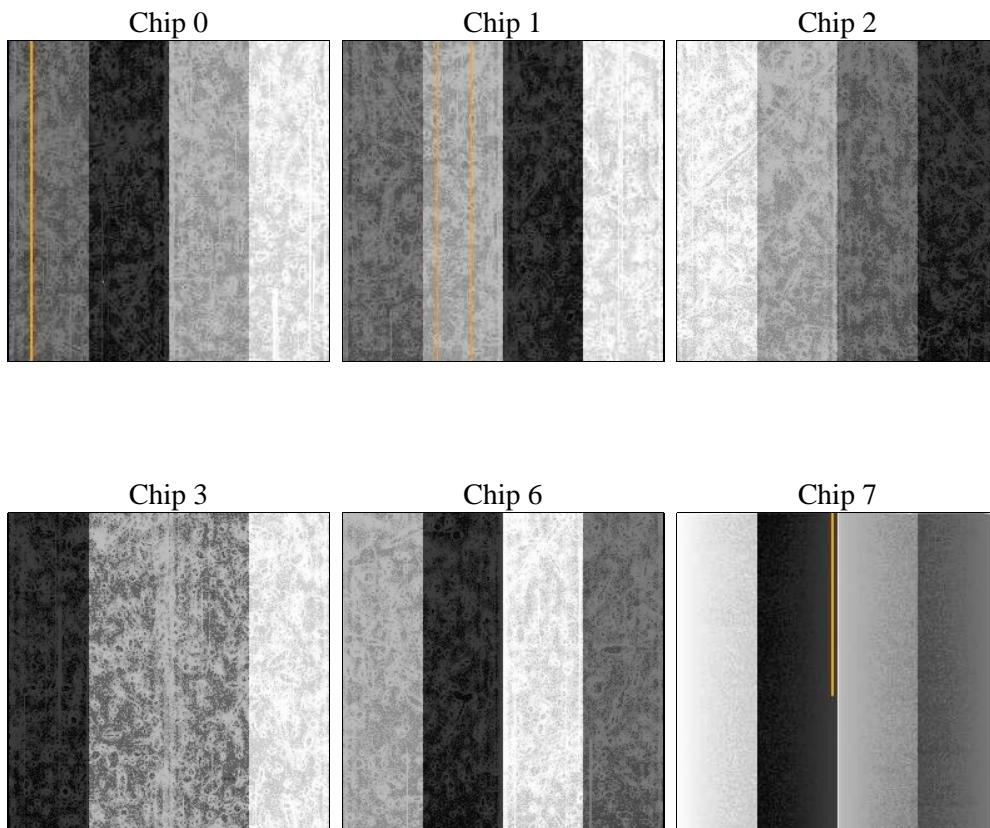
2 OBI

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	8245.25104177	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8245.2100017667	Sum of GTIs [s]
date	2012-06-30T16:52:48	Date and time of file creation	ontime1	8245.1689617634	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8245.1279217601	Sum of GTIs [s]
			ontime3	8245.2920817733	Sum of GTIs [s]
			ontime6	8245.0868817568	Sum of GTIs [s]
			ontime7	8245.25104177	Sum of GTIs [s]
			l1events	789281	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	120927	122214	126391	127992	130351	161406	grade 0 events	31750	31676	33058	33409	32597	16862
rejected events	60947	61517	65537	66487	67497	66120		26%	25%	26%	26%	25%	10%
rejected %	50%	50%	51%	51%	51%	40%	grade 1 events	222	196	237	232	181	112
								0%	0%	0%	0%	0%	0%
							grade 2 events	11089	11538	10750	10700	11588	20876
								9%	9%	8%	8%	8%	12%
							grade 3 events	4092	3987	4095	4360	4349	8752
								3%	3%	3%	3%	3%	5%
							grade 4 events	4022	4174	4196	4260	4198	8707
								3%	3%	3%	3%	3%	5%
							grade 5 events	3841	3866	3570	4419	4093	10687
								3%	3%	2%	3%	3%	6%
							grade 6 events	9305	9605	9068	9060	10434	40567
								7%	7%	7%	7%	8%	25%
							grade 7 events	56606	57172	61417	61552	62911	54843
								46%	46%	48%	48%	48%	33%

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	82.97187966183674
[deg] Pointing Dec	0	-15.99057386286209
[deg] Pointing Roll	0.0	127.900943305656
[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)	396614768.310346	396614768.310346
Observation start date	2010-07-27T10:46:08	2010-07-27T10:46:08
[s] Observation end time (MET)	396624315.835574	396624315.835574
Observation end date	2010-07-27T13:25:16	2010-07-27T13:25:15
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)	2012.07.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.24525104177

A.2 Comments