

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57759 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 16 2012

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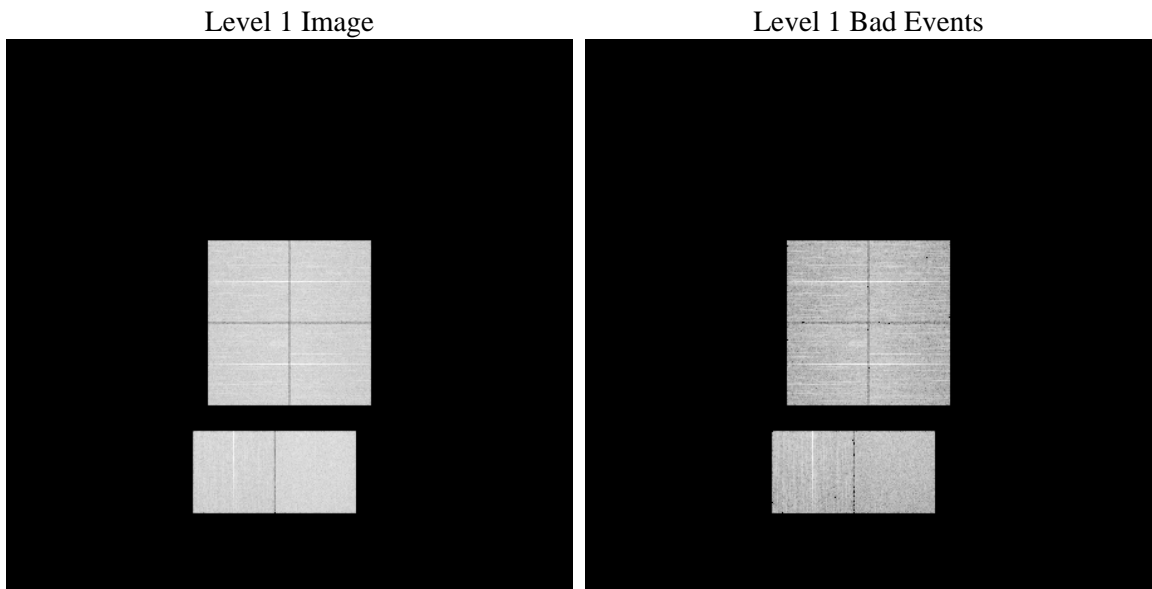
1 Front

seq_num	 	Sequence number
obs_id	57759	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	293.38412163749	Nominal RA [deg]
dec_nom	-27.375029637596	Nominal Dec [deg]
roll_nom	86.632211946805	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6979.1999740601	Sum of GTIs [s]
livetime	6890.8251416188	Livetime [s]
ontime0	6979.1999740601	Sum of GTIs [s]
ontime1	6979.1999740601	Sum of GTIs [s]
ontime2	6979.1999740601	Sum of GTIs [s]
ontime3	6979.1999740601	Sum of GTIs [s]
ontime6	6979.1999740601	Sum of GTIs [s]
ontime7	6979.1999740601	Sum of GTIs [s]
l2events	512053	Number of level 2 events

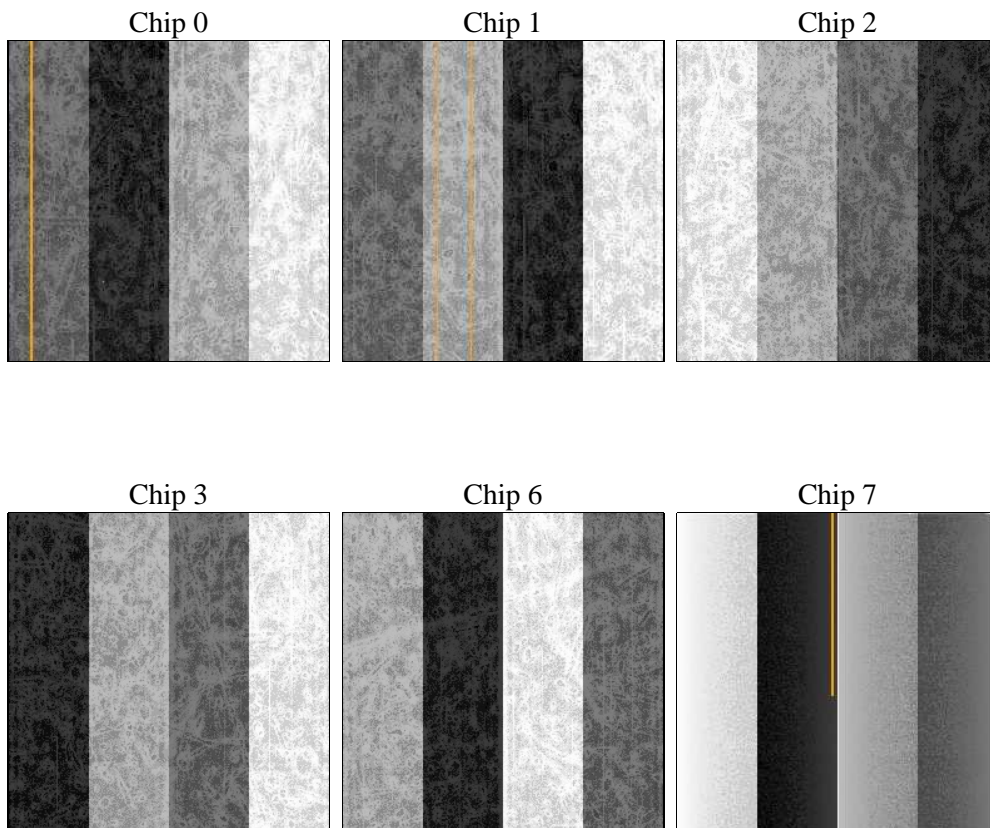
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5760	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	6979.1999740601	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	6979.1999740601	Sum of GTIs [s]
date	2012-05-16T16:34:38	Date and time of file creation	ontime1	6979.1999740601	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6979.1999740601	Sum of GTIs [s]
			ontime3	6979.1999740601	Sum of GTIs [s]
			ontime6	6979.1999740601	Sum of GTIs [s]
			ontime7	6979.1999740601	Sum of GTIs [s]
			l1events	916347	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	144009	144699	149881	149582	154585	173591	grade 0 events	46339	46180	47461	47901	47917	24261
rejected events	60315	60216	65483	64497	66281	59308		32%	31%	31%	32%	30%	13%
rejected %	41%	41%	43%	43%	42%	34%	grade 1 events	326	275	350	355	304	136
								0%	0%	0%	0%	0%	0%
							grade 2 events	15358	15930	15153	15094	16111	25651
								10%	11%	10%	10%	10%	14%
							grade 3 events	5760	5775	5793	5977	5790	11194
								3%	3%	3%	3%	3%	6%
							grade 4 events	5910	5669	5782	6066	5900	11022
								4%	3%	3%	4%	3%	6%
							grade 5 events	3353	3527	3193	3689	3697	9220
								2%	2%	2%	2%	2%	5%
							grade 6 events	13055	13666	12907	12807	15526	45703
								9%	9%	8%	8%	10%	26%
							grade 7 events	53908	53677	59242	57693	59340	46404
								37%	37%	39%	38%	38%	26%

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	293.3841216203789	293.3841216374948
[deg] Pointing Dec	-27.37502964233832	-27.37502963759648
[deg] Pointing Roll	86.63221193934093	86.63221194680479
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	330123302.725126	330123302.725126
Observation start date	2008-06-17T21:31:00	2008-06-17T20:55:02
[s] Observation end time (MET)	330132220.383322	330132220.383322
Observation end date	2008-06-17T23:07:00	2008-06-17T23:23:40
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)	2012.05.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.9791999740601

A.2 Comments