

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57413 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 28 2012

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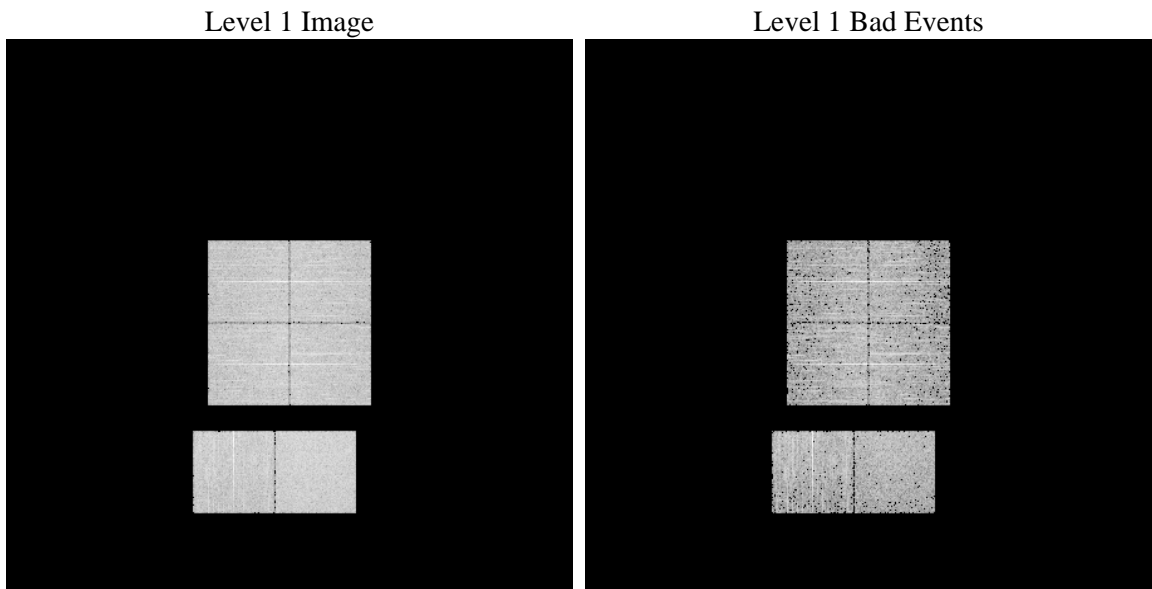
1 Front

seq_num	 	Sequence number
obs_id	57413	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	134.07217991638	Nominal RA [deg]
dec_nom	41.415165309788	Nominal Dec [deg]
roll_nom	115.6988301969	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2793.5999896526	Sum of GTIs [s]
livetime	2758.2257444797	Livetime [s]
ontime0	2793.5999896526	Sum of GTIs [s]
ontime1	2793.5999896526	Sum of GTIs [s]
ontime2	2793.5999896526	Sum of GTIs [s]
ontime3	2793.5999896526	Sum of GTIs [s]
ontime6	2793.5999896526	Sum of GTIs [s]
ontime7	2793.5999896526	Sum of GTIs [s]
l2events	185795	Number of level 2 events

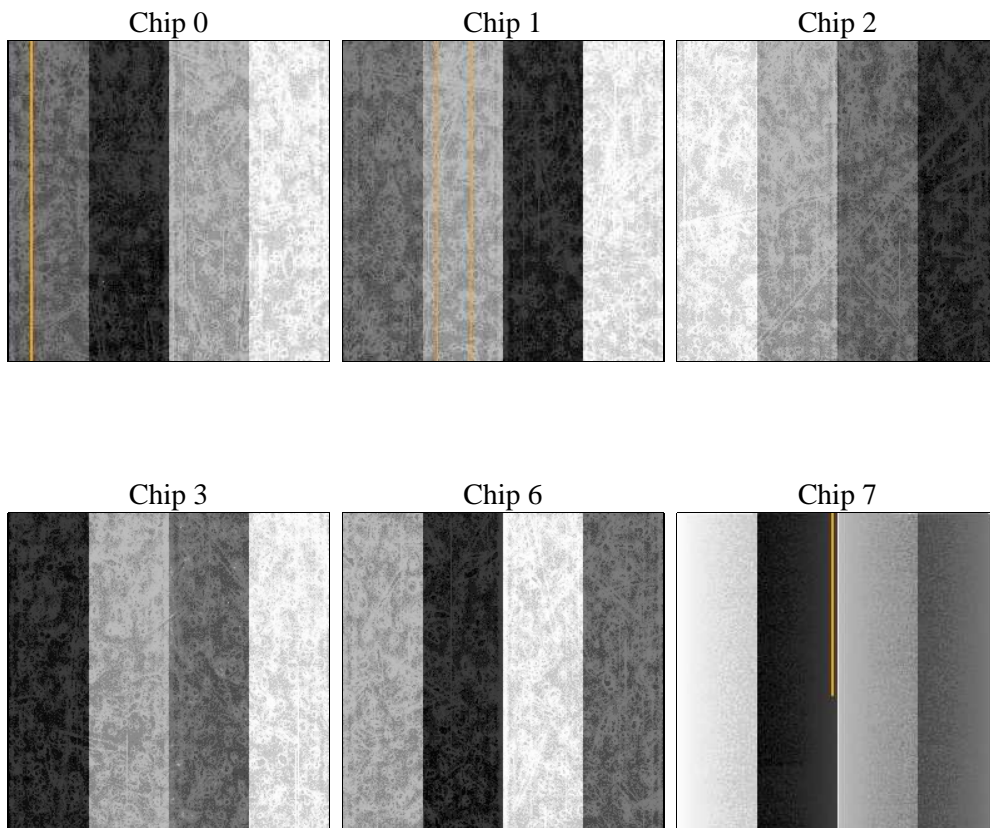
2 OBI

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	8.4.4	Processing system revision	ontime	2793.5999896526	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	2793.5999896526	Sum of GTIs [s]
date	2012-05-28T12:38:43	Date and time of file creation	ontime1	2793.5999896526	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	2793.5999896526	Sum of GTIs [s]
			ontime3	2793.5999896526	Sum of GTIs [s]
			ontime6	2793.5999896526	Sum of GTIs [s]
			ontime7	2793.5999896526	Sum of GTIs [s]
			l1events	341673	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	53249	53400	56134	55308	57681	65901	grade 0 events	16387	15914	16736	16542	16498	8399
rejected events	22920	22996	25671	24770	26080	23090		30%	29%	29%	29%	28%	12%
rejected %	43%	43%	45%	44%	45%	35%	grade 1 events	129	105	118	126	115	62
								0%	0%	0%	0%	0%	0%
							grade 2 events	5411	5700	5155	5358	5732	9351
								10%	10%	9%	9%	9%	14%
							grade 3 events	2042	1924	2024	2152	2090	3996
								3%	3%	3%	3%	3%	6%
							grade 4 events	1947	2052	2000	2077	2038	3918
								3%	3%	3%	3%	3%	5%
							grade 5 events	1327	1297	1268	1428	1526	3879
								2%	2%	2%	2%	2%	5%
							grade 6 events	4574	4852	4582	4441	5281	17192
								8%	9%	8%	8%	9%	26%
							grade 7 events	21432	21556	24251	23184	24401	19104
								40%	40%	43%	41%	42%	28%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	134.0721799163767	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	41.41516530978834	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	115.698830196895	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	347263238.02803	347263237.00303			
Observation start date	2009-01-02T06:00:38	2009-01-02T06:00:37			
[s] Observation end time (MET)	347283086.129012	347283085.10401			
Observation end date	2009-01-02T11:31:26	2009-01-02T11:31:25			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.7935999896526

A.2 Comments