

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60355 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 12 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Star Slots	6
2.4	FID Slots	6
A	Summary	7
A.1	Status	7
A.2	Comments	7

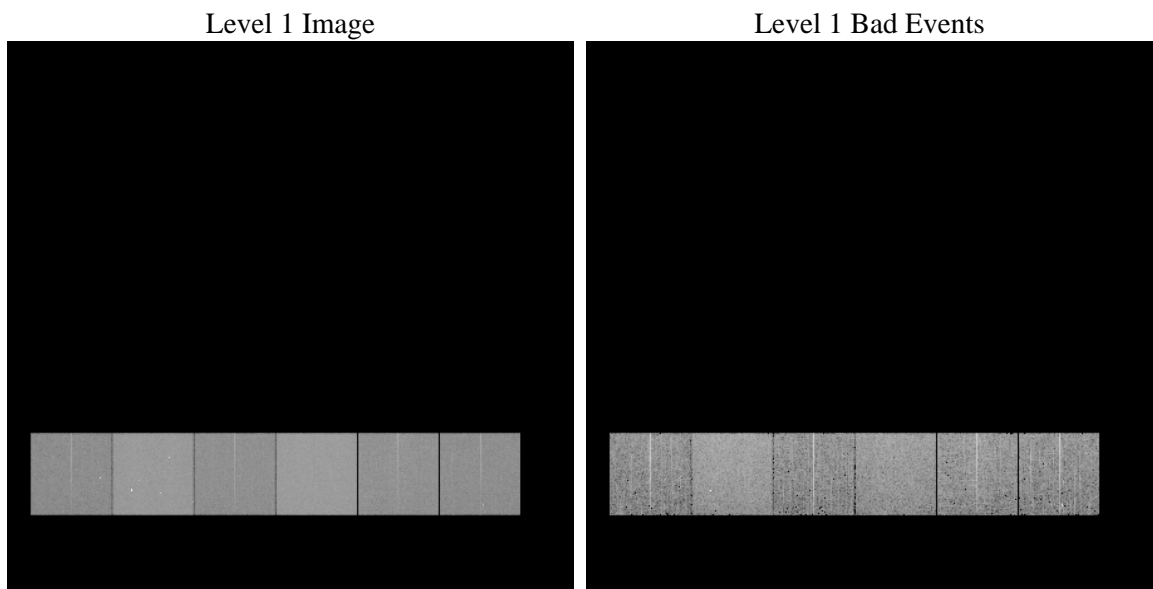
1 Front

seq_num	 	Sequence number
obs_id	60355	Observation id
title	ACIS-456789 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	131.02926641909	Nominal RA [deg]
dec_nom	-19.007290750365	Nominal Dec [deg]
roll_nom	312.37556470582	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8460.7999684811	Sum of GTIs [s]
livetime	8353.664224798	Livetime [s]
ontime4	5093.4050944448	Sum of GTIs [s]
ontime5	8460.7999684811	Sum of GTIs [s]
ontime6	5498.5463250875	Sum of GTIs [s]
ontime7	8460.7999684811	Sum of GTIs [s]
ontime8	5603.7235969901	Sum of GTIs [s]
ontime9	5298.9246178567	Sum of GTIs [s]
l2events	1204532	Number of level 2 events

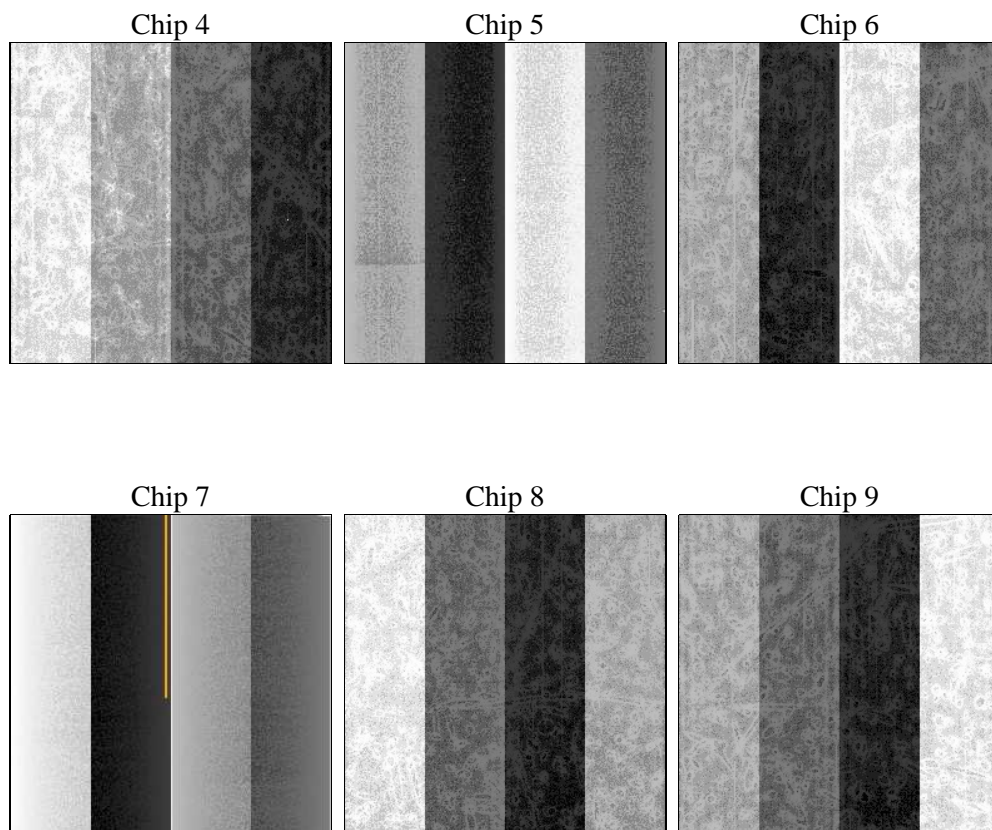
2 OBI

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	8460.7999684811	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	5093.4050944448	Sum of GTIs [s]
date	2012-11-12T15:55:32	Date and time of file creation	ontime5	8460.7999684811	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5498.5463250875	Sum of GTIs [s]
			ontime7	8460.7999684811	Sum of GTIs [s]
			ontime8	5603.7235969901	Sum of GTIs [s]
			ontime9	5298.9246178567	Sum of GTIs [s]
			l1events	1533368	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	198763	319906	223551	341922	238413	210813	grade 0 events	94503	60098	101456	72042	106260	95114
rejected events	36394	55487	37486	46749	44184	38128		47%	18%	45%	21%	44%	45%
rejected %	18%	17%	16%	13%	18%	18%	grade 1 events	679	205	508	186	502	509
								0%	0%	0%	0%	0%	0%
							grade 2 events	25937	94994	32142	65427	33979	29766
								13%	29%	14%	19%	14%	14%
							grade 3 events	10780	16068	11612	29551	12567	11236
								5%	5%	5%	8%	5%	5%
							grade 4 events	10719	16075	11641	29486	12551	10873
								5%	5%	5%	8%	5%	5%
							grade 5 events	2208	9196	2508	8601	3040	2634
								1%	2%	1%	2%	1%	1%
							grade 6 events	20430	77184	29214	98667	28872	25696
								10%	24%	13%	28%	12%	12%
							grade 7 events	33507	46086	34470	37962	40642	34985
								16%	14%	15%	11%	17%	16%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	131.029266419088	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-19.00729075036498	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	312.3755647058234			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	194220951.049919	194220950.0252			
Observation start date	2004-02-26T22:15:51	2004-02-26T22:15:50			
[s] Observation end time (MET)	194243870.050922	194243869.0262			
Observation end date	2004-02-27T04:37:50	2004-02-27T04:37:49			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4607999684811

A.2 Comments