

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60778 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 26 2012

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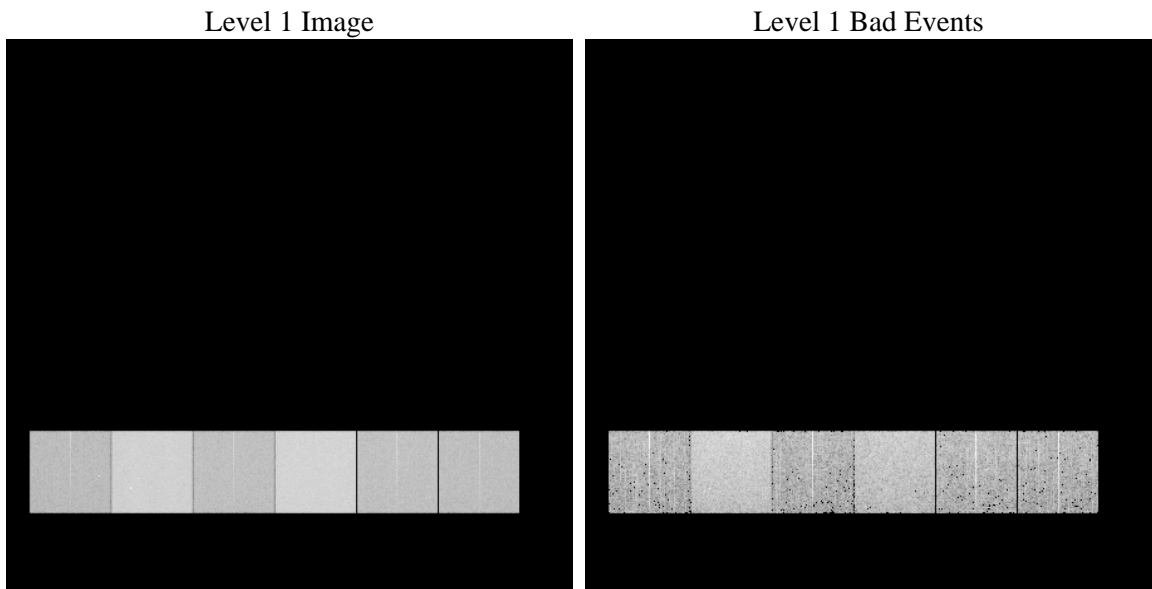
1 Front

seq_num	 	Sequence number
obs_id	60778	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	145.00568635156	Nominal RA [deg]
dec_nom	19.971918592149	Nominal Dec [deg]
roll_nom	247.90456091591	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8428.7999686003	Sum of GTIs [s]
livetime	8322.0694281838	Livetime [s]
ontime4	3700.9611231983	Sum of GTIs [s]
ontime5	8428.7999686003	Sum of GTIs [s]
ontime6	4099.5645558834	Sum of GTIs [s]
ontime7	8428.7999686003	Sum of GTIs [s]
ontime8	4187.1543071866	Sum of GTIs [s]
ontime9	3995.7297801971	Sum of GTIs [s]
l2events	1266865	Number of level 2 events

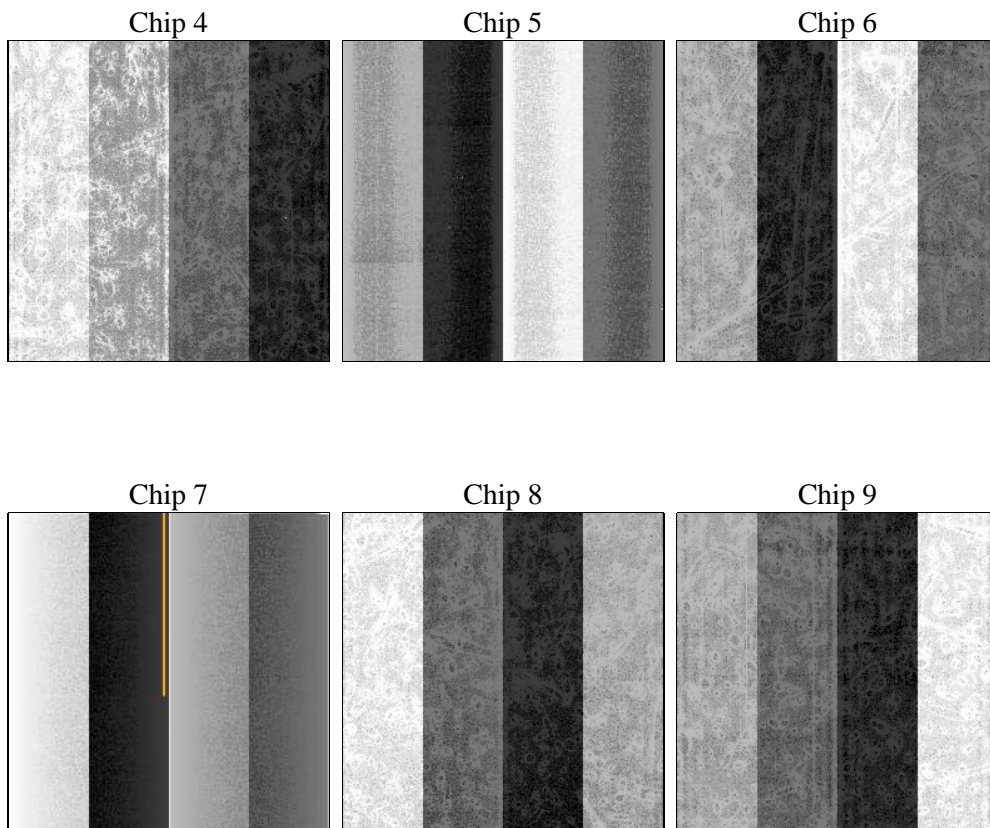
2 OBI

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	8428.7999686003	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	3700.9611231983	Sum of GTIs [s]
date	2012-10-26T16:42:52	Date and time of file creation	ontime5	8428.7999686003	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4099.5645558834	Sum of GTIs [s]
			ontime7	8428.7999686003	Sum of GTIs [s]
			ontime8	4187.1543071866	Sum of GTIs [s]
			ontime9	3995.7297801971	Sum of GTIs [s]
			l1events	1541465	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	172715	367306	200405	401584	209185	190270	grade 0 events	84319	69886	94991	89135	98556	89919
rejected events	28234	56023	27329	44735	31041	28022		48%	19%	47%	22%	47%	47%
rejected %	16%	15%	13%	11%	14%	14%	grade 1 events	606	252	460	259	446	512
								0%	0%	0%	0%	0%	0%
							grade 2 events	23072	114753	30118	78462	31209	28140
								13%	31%	15%	19%	14%	14%
							grade 3 events	9763	19314	10717	36221	11742	10325
								5%	5%	5%	9%	5%	5%
							grade 4 events	9659	18715	10789	35888	11400	10438
								5%	5%	5%	8%	5%	5%
							grade 5 events	1745	9540	2011	8280	2208	2064
								1%	2%	1%	2%	1%	1%
							grade 6 events	18327	89957	27301	118621	26199	24207
								10%	24%	13%	29%	12%	12%
							grade 7 events	25224	44889	24018	34718	27425	24665
								14%	12%	11%	8%	13%	12%

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	145.0056863515559	Alternating exposures requested	N	N
[deg] Pointing Dec	0	19.97191859214919	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	247.9045609159095			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	166576109.462208	166576108.43747			
Observation start date	2003-04-12T23:08:29	2003-04-12T23:08:28			
[s] Observation end time (MET)	166597419.213109	166597418.18837			
Observation end date	2003-04-13T05:03:39	2003-04-13T05:03:38			
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)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4287999686003

A.2 Comments