

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60982 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 16 2012

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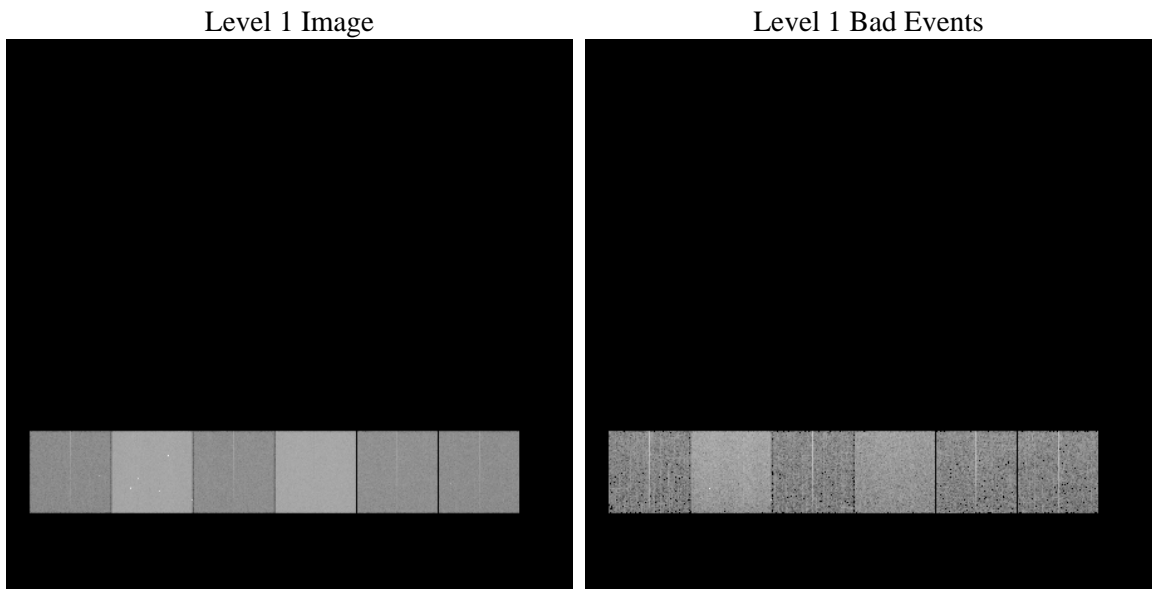
1 Front

seq_num	 	Sequence number
obs_id	60982	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	110.3417189949	Nominal RA [deg]
dec_nom	55.783765554777	Nominal Dec [deg]
roll_nom	91.014993458716	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7275.3040724397	Sum of GTIs [s]
livetime	7183.1797916123	Livetime [s]
ontime4	2618.4288747907	Sum of GTIs [s]
ontime5	7712.8342088461	Sum of GTIs [s]
ontime6	2790.1625359356	Sum of GTIs [s]
ontime7	7275.3040724397	Sum of GTIs [s]
ontime8	2932.3817425668	Sum of GTIs [s]
ontime9	2750.8836027384	Sum of GTIs [s]
l2events	1291205	Number of level 2 events

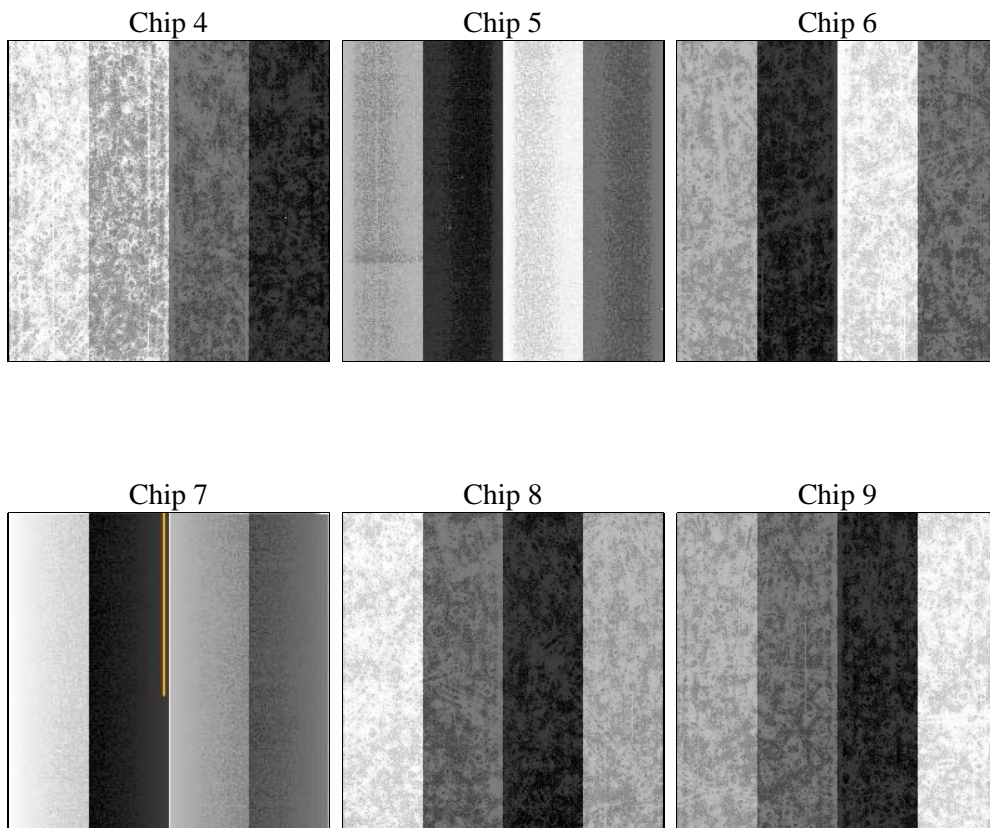
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7275.3040724397	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2618.4288747907	Sum of GTIs [s]
date	2012-10-16T22:26:08	Date and time of file creation	ontime5	7712.8342088461	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2790.1625359356	Sum of GTIs [s]
			ontime7	7275.3040724397	Sum of GTIs [s]
			ontime8	2932.3817425668	Sum of GTIs [s]
			ontime9	2750.8836027384	Sum of GTIs [s]
			l1events	1560587	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	160807	422307	178453	434510	191101	173409	grade 0 events	78259	77411	81841	99530	89336	81262
rejected events	25736	60359	26219	43816	27326	25842		48%	18%	45%	22%	46%	46%
rejected %	16%	14%	14%	10%	14%	14%	grade 1 events	738	360	525	270	594	598
								0%	0%	0%	0%	0%	0%
							grade 2 events	20694	140707	26516	85806	28262	24650
								12%	33%	14%	19%	14%	14%
							grade 3 events	9070	19496	9327	38069	10337	9288
								5%	4%	5%	8%	5%	5%
							grade 4 events	8901	19060	9310	37633	10330	9349
								5%	4%	5%	8%	5%	5%
							grade 5 events	1586	10020	1717	7736	2032	1752
								0%	2%	0%	1%	1%	1%
							grade 6 events	18709	107120	26315	131815	26418	24030
								11%	25%	14%	30%	13%	13%
							grade 7 events	22850	48133	22902	33651	23792	22480
								14%	11%	12%	7%	12%	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	110.3417189948975	Alternating exposures requested	N	N
[deg] Pointing Dec	0	55.78376555477688	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	91.01499345871642			
[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)	151952987.349767	151952986.32505			
Observation start date	2002-10-25T17:09:47	2002-10-25T17:09:46			
[s] Observation end time (MET)	151977532.000786	151977530.97607			
Observation end date	2002-10-25T23:58:52	2002-10-25T23:58:50			
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)	2012.10.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.2753040724397

A.2 Comments