

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60956 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 17 2012

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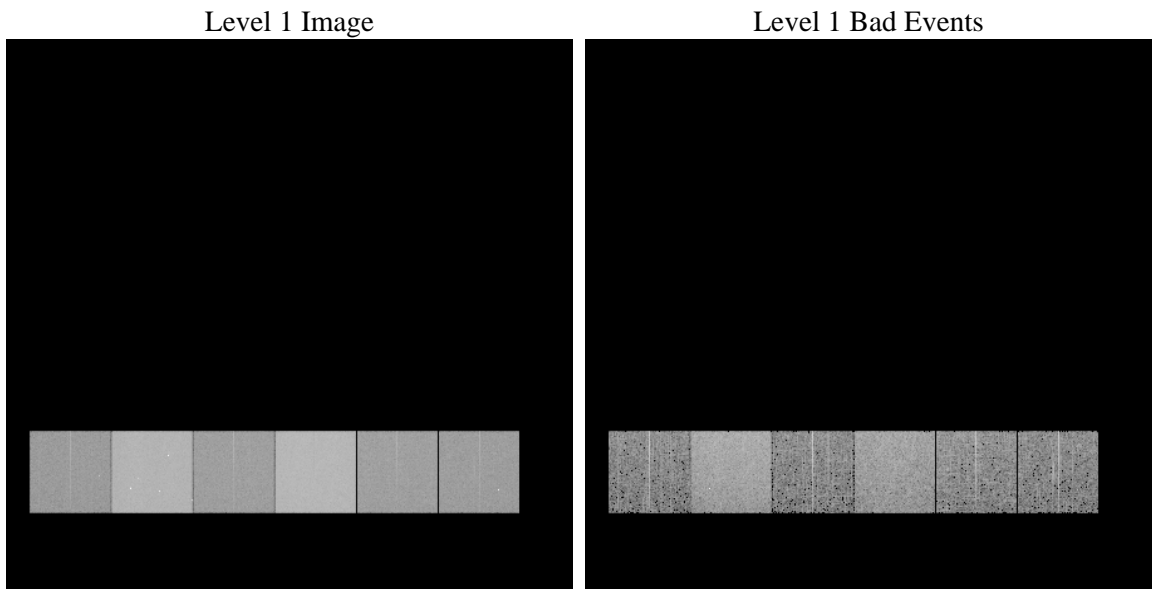
1 Front

seq_num	 	Sequence number
obs_id	60956	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	1.4250045616143	Nominal RA [deg]
dec_nom	-6.114126777726	Nominal Dec [deg]
roll_nom	297.59864507201	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8364.7999688387	Sum of GTIs [s]
livetime	8258.8798349554	Livetime [s]
ontime4	3231.311203748	Sum of GTIs [s]
ontime5	8364.7999688387	Sum of GTIs [s]
ontime6	3503.5156103671	Sum of GTIs [s]
ontime7	8364.7999688387	Sum of GTIs [s]
ontime8	3525.9764734805	Sum of GTIs [s]
ontime9	3386.7158575952	Sum of GTIs [s]
l2events	1285589	Number of level 2 events

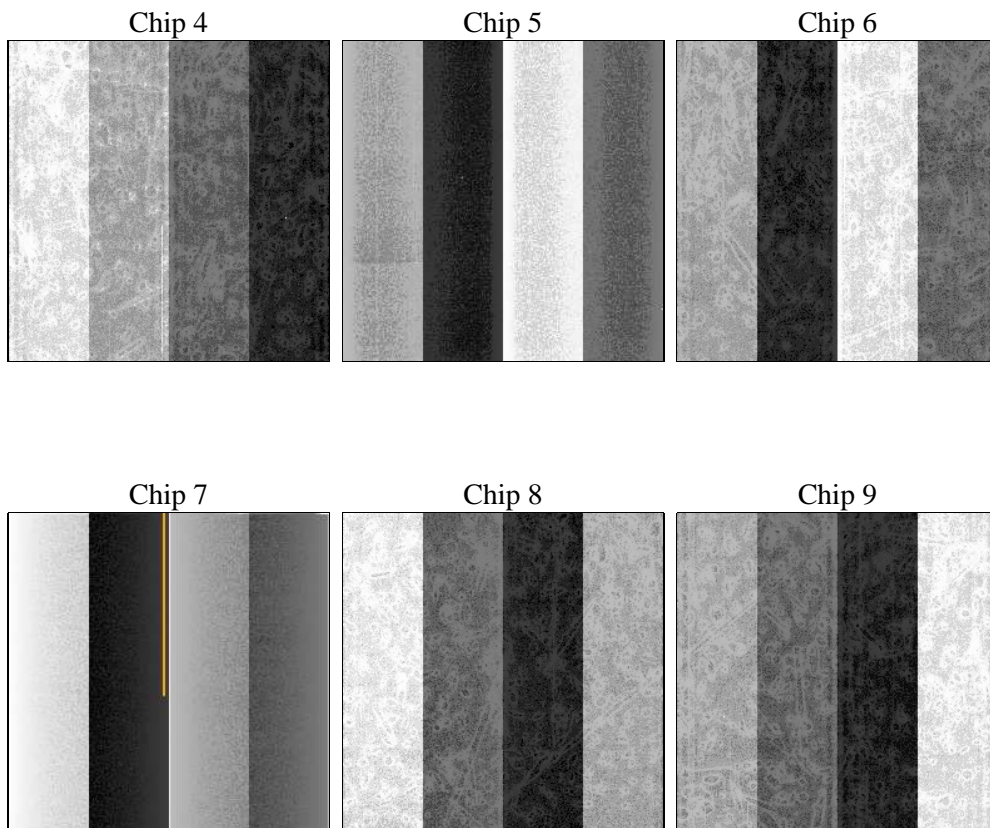
2 OBI

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	8364.7999688387	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	3231.311203748	Sum of GTIs [s]
date	2012-10-17T13:41:12	Date and time of file creation	ontime5	8364.7999688387	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3503.5156103671	Sum of GTIs [s]
			ontime7	8364.7999688387	Sum of GTIs [s]
			ontime8	3525.9764734805	Sum of GTIs [s]
			ontime9	3386.7158575952	Sum of GTIs [s]
			l1events	1541511	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	163629	391631	187612	430836	191932	175871	grade 0 events	81933	79412	90012	98508	91792	85985
rejected events	23605	54438	24078	43682	26980	23156		50%	20%	47%	22%	47%	48%
rejected %	14%	13%	12%	10%	14%	13%	grade 1 events	583	289	402	265	452	438
								0%	0%	0%	0%	0%	0%
							grade 2 events	22827	123873	28515	86912	28901	26171
								13%	31%	15%	20%	15%	14%
							grade 3 events	9400	21113	10247	39481	10659	9593
								5%	5%	5%	9%	5%	5%
							grade 4 events	9435	20666	10074	39182	10471	9738
								5%	5%	5%	9%	5%	5%
							grade 5 events	1466	9487	1640	8093	1892	1669
								0%	2%	0%	1%	0%	0%
							grade 6 events	17703	94792	25752	126184	24247	22511
								10%	24%	13%	29%	12%	12%
							grade 7 events	20282	41999	20970	32211	23518	19766
								12%	10%	11%	7%	12%	11%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	1.42500456161433
[deg] Pointing Dec	0	-6.114126777725995
[deg] Pointing Roll	0.0	297.5986450720087
[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)	154007977.135235	154007976.11051
Observation start date	2002-11-18T11:59:37	2002-11-18T11:59:36
[s] Observation end time (MET)	154031654.63622	154031653.6115
Observation end date	2002-11-18T18:34:15	2002-11-18T18:34:13
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.10.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3647999688387

A.2 Comments