

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56917 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 11 2012

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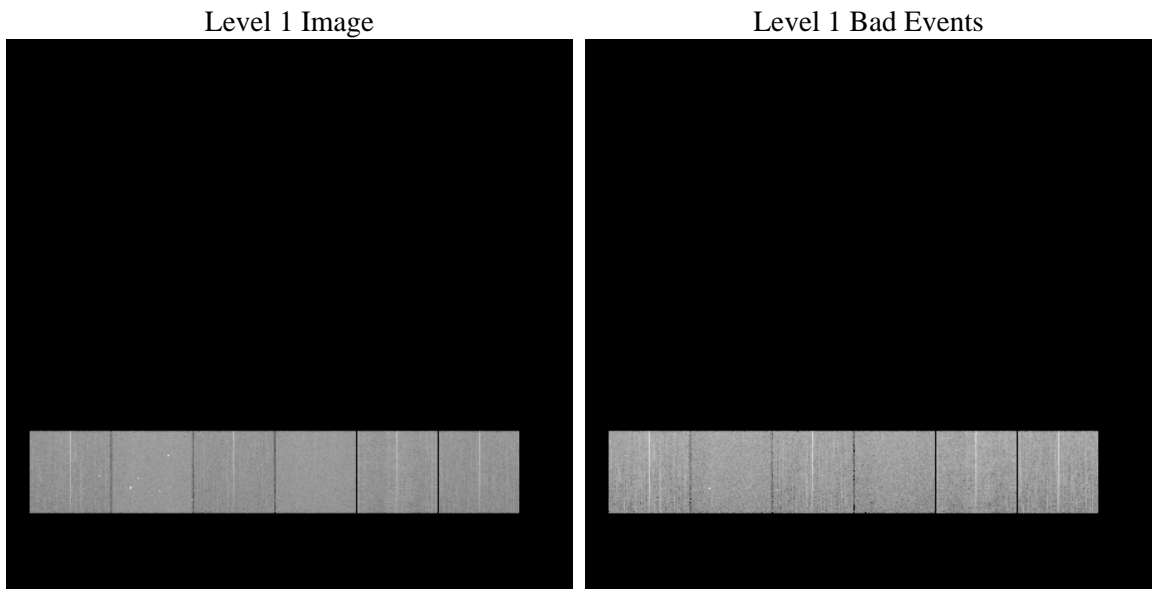
1 Front

seq_num	 	Sequence number
obs_id	56917	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	326.01448875906	Nominal RA [deg]
dec_nom	-38.973505979466	Nominal Dec [deg]
roll_nom	34.104073709405	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8232.9768182635	Sum of GTIs [s]
livetime	8128.7259084872	Livetime [s]
ontime4	8229.6126978993	Sum of GTIs [s]
ontime5	8232.9357782602	Sum of GTIs [s]
ontime6	8232.8947382569	Sum of GTIs [s]
ontime7	8232.9768182635	Sum of GTIs [s]
ontime8	8232.8126582503	Sum of GTIs [s]
ontime9	8233.0178582668	Sum of GTIs [s]
l2events	505748	Number of level 2 events

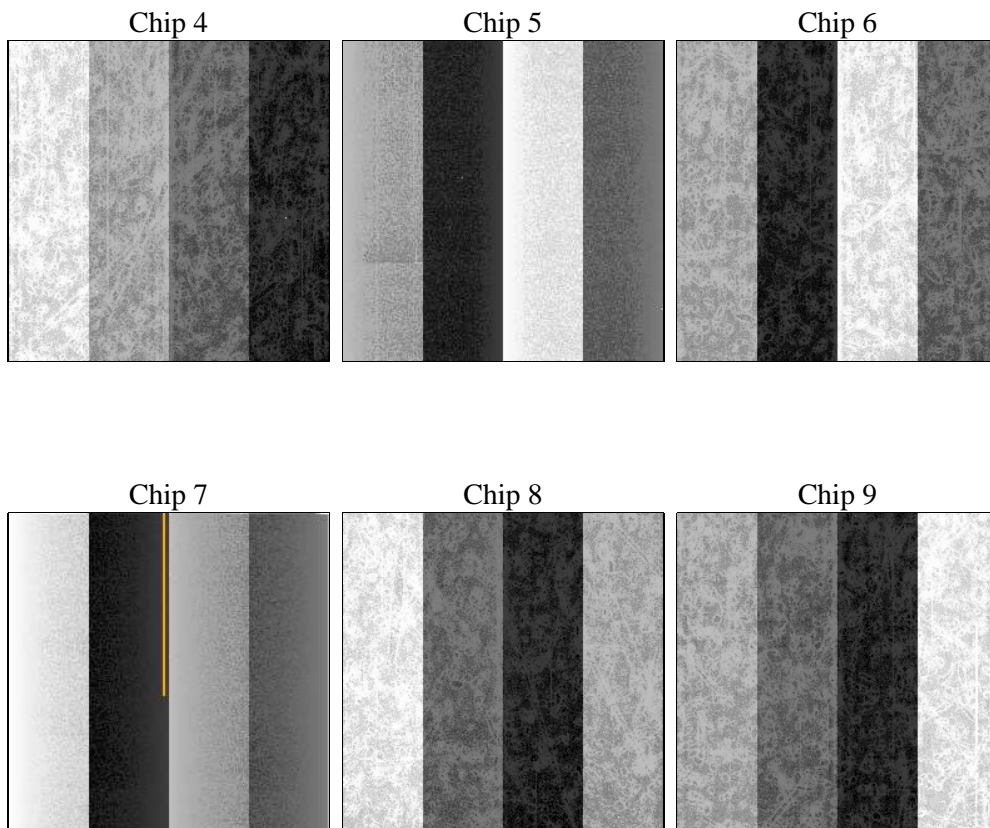
2 OBI

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	8232.9768182635	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8229.6126978993	Sum of GTIs [s]
date	2012-06-11T03:33:28	Date and time of file creation	ontime5	8232.9357782602	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8232.8947382569	Sum of GTIs [s]
			ontime7	8232.9768182635	Sum of GTIs [s]
			ontime8	8232.8126582503	Sum of GTIs [s]
			ontime9	8233.0178582668	Sum of GTIs [s]
			l1events	1044524	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	162319	196697	159667	187123	179952	158766	grade 0 events	42044	18548	40974	20809	45655	40342
rejected events	88515	77642	81563	73038	86188	82797		25%	9%	25%	11%	25%	25%
rejected %	54%	39%	51%	39%	47%	52%	grade 1 events	475	218	281	182	325	343
								0%	0%	0%	0%	0%	0%
							grade 2 events	11893	42433	14130	24639	17847	13661
								7%	21%	8%	13%	9%	8%
							grade 3 events	5272	5301	5081	10637	7215	5264
								3%	2%	3%	5%	4%	3%
							grade 4 events	5185	5153	5172	10461	6878	5128
								3%	2%	3%	5%	3%	3%
							grade 5 events	4532	10247	4726	11757	6081	5157
								2%	5%	2%	6%	3%	3%
							grade 6 events	9760	48178	13121	48057	16675	11942
								6%	24%	8%	25%	9%	7%
							grade 7 events	83158	66619	76182	60581	79276	76929
								51%	33%	47%	32%	44%	48%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	326.0144887590607	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-38.97350597946563	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	34.10407370940457	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	365539593.687595	365539592.66259			
Observation start date	2009-08-01T18:46:34	2009-08-01T18:46:32			
[s] Observation end time (MET)	365549236.888078	365549235.86308			
Observation end date	2009-08-01T21:27:17	2009-08-01T21:27:15			
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)	2012.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2329768182635

A.2 Comments