

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55819 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 7 2012

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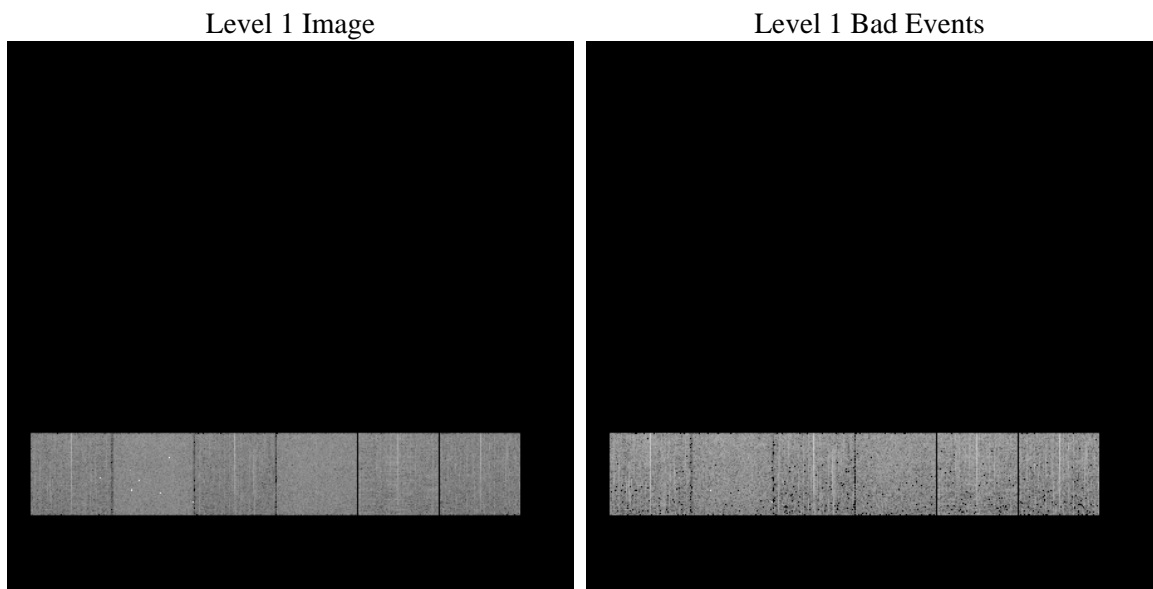
1 Front

seq_num	 	Sequence number
obs_id	55819	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	102.94844324518	Nominal RA [deg]
dec_nom	18.924169562785	Nominal Dec [deg]
roll_nom	77.190903759678	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3446.3999872208	Sum of GTIs [s]
livetime	3402.7595954096	Livetime [s]
ontime4	3446.3999872208	Sum of GTIs [s]
ontime5	3446.3999872208	Sum of GTIs [s]
ontime6	3446.3999872208	Sum of GTIs [s]
ontime7	3446.3999872208	Sum of GTIs [s]
ontime8	3446.3999872208	Sum of GTIs [s]
ontime9	3446.3999872208	Sum of GTIs [s]
l2events	160212	Number of level 2 events

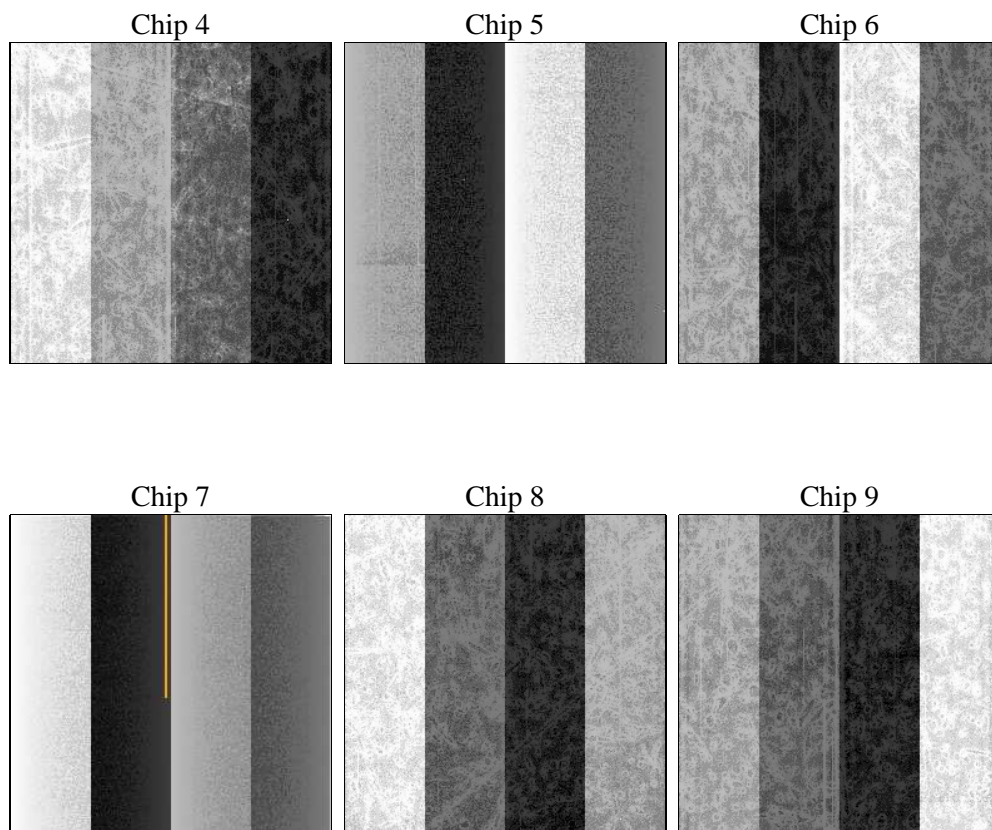
2 OBI

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	3446.3999872208	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	3446.3999872208	Sum of GTIs [s]
date	2012-07-07T19:59:10	Date and time of file creation	ontime5	3446.3999872208	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3446.3999872208	Sum of GTIs [s]
			ontime7	3446.3999872208	Sum of GTIs [s]
			ontime8	3446.3999872208	Sum of GTIs [s]
			ontime9	3446.3999872208	Sum of GTIs [s]
			l1events	353432	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	53477	70655	52580	64438	60118	52164	grade 0 events	13988	7483	12719	6565	14067	12554
rejected events	29965	29442	28466	27300	31456	28572		26%	10%	24%	10%	23%	24%
rejected %	56%	41%	54%	42%	52%	54%	grade 1 events	125	360	91	56	78	73
								0%	0%	0%	0%	0%	0%
							grade 2 events	3637	14235	4427	8251	5530	4196
								6%	20%	8%	12%	9%	8%
							grade 3 events	1617	1597	1601	3479	2085	1688
								3%	2%	3%	5%	3%	3%
							grade 4 events	1638	1572	1581	3275	2028	1697
								3%	2%	3%	5%	3%	3%
							grade 5 events	1667	3691	1724	4326	2137	1883
								3%	5%	3%	6%	3%	3%
							grade 6 events	2991	16971	4157	16068	5316	3814
								5%	24%	7%	24%	8%	7%
							grade 7 events	27814	24746	26280	22418	28877	26259
								52%	35%	49%	34%	48%	50%

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	102.9484432451817
[deg] Pointing Dec	0	18.92416956278501
[deg] Pointing Roll	0.0	77.19090375967804
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	408043586.547386	408043586.547386
Observation start date	2010-12-06T17:26:27	2010-12-06T17:26:26
[s] Observation end time (MET)	408048354.963912	408048354.963912
Observation end date	2010-12-06T18:45:55	2010-12-06T18:45:54
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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)	2012.07.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.4463999872208

A.2 Comments