

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57237 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 2 2012

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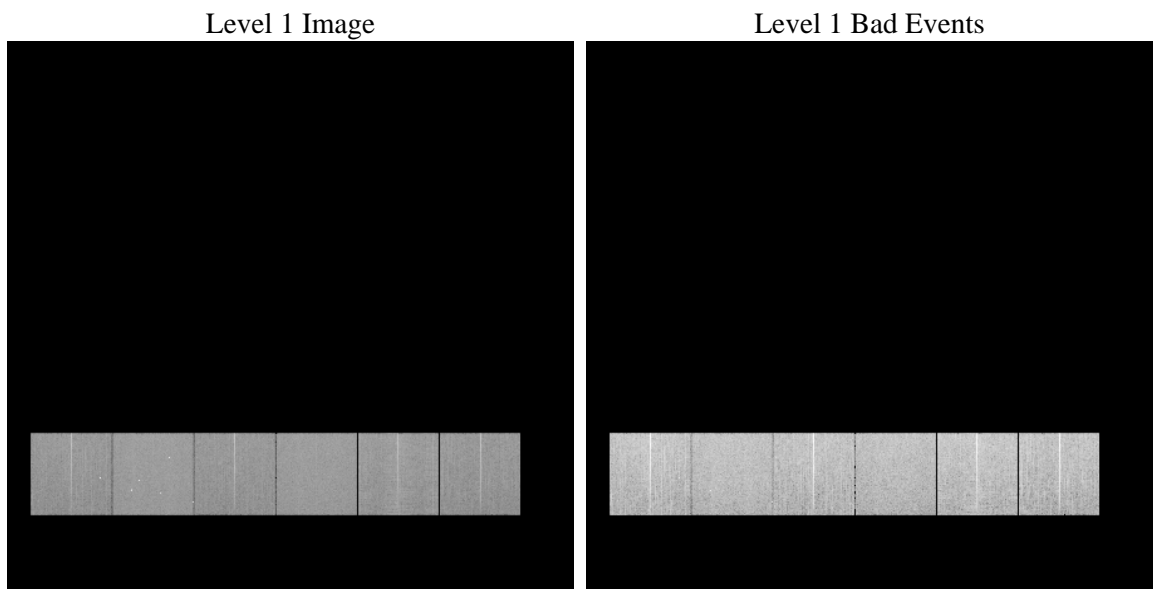
1 Front

seq_num	 	Sequence number
obs_id	57237	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	187.96877704674	Nominal RA [deg]
dec_nom	24.002992980247	Nominal Dec [deg]
roll_nom	141.1263142164	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8364.415866971	Sum of GTIs [s]
livetime	8258.5005968169	Livetime [s]
ontime4	8364.2927469611	Sum of GTIs [s]
ontime5	8364.3748269677	Sum of GTIs [s]
ontime6	8364.3337869644	Sum of GTIs [s]
ontime7	8364.415866971	Sum of GTIs [s]
ontime8	8364.2517069578	Sum of GTIs [s]
ontime9	8364.4569069743	Sum of GTIs [s]
l2events	550336	Number of level 2 events

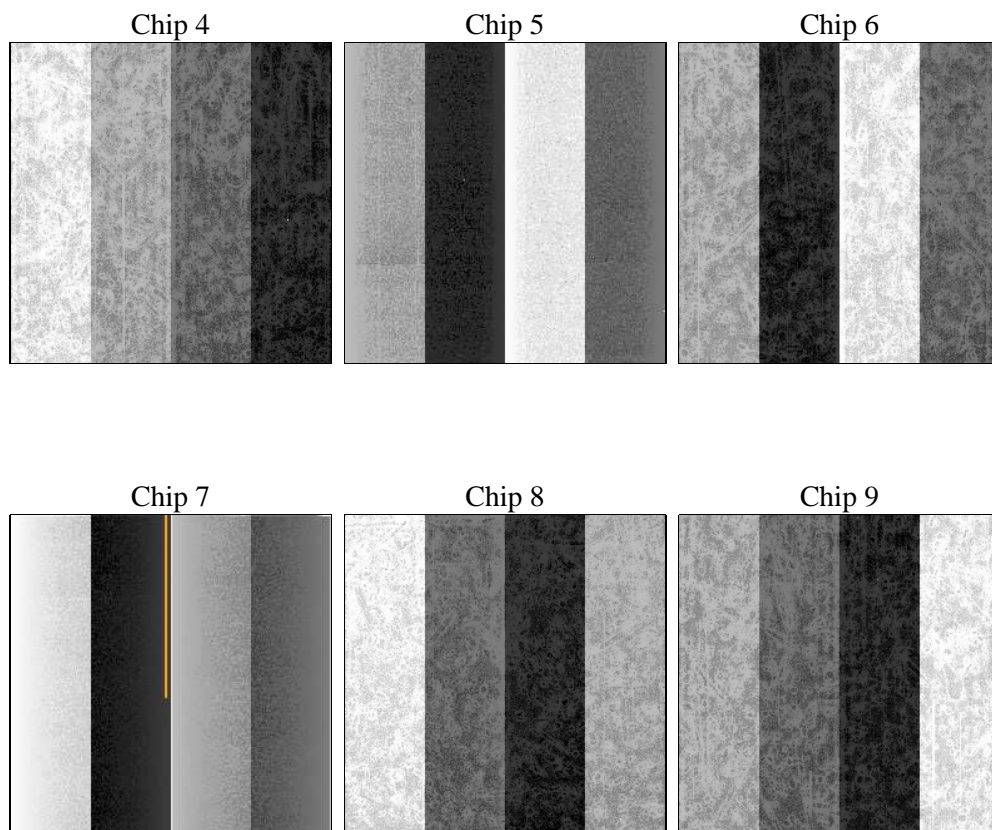
2 OBI

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	8.4.4	Processing system revision	ontime	8364.415866971	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8364.2927469611	Sum of GTIs [s]
date	2012-06-02T15:08:11	Date and time of file creation	ontime5	8364.3748269677	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8364.3337869644	Sum of GTIs [s]
			ontime7	8364.415866971	Sum of GTIs [s]
			ontime8	8364.2517069578	Sum of GTIs [s]
			ontime9	8364.4569069743	Sum of GTIs [s]
			l1events	1090663	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	170016	200830	167936	194537	191458	165886	grade 0 events	47781	19668	45560	22832	50563	45202
rejected events	87274	77019	81757	72924	89901	82025		28%	9%	27%	11%	26%	27%
rejected %	51%	38%	48%	37%	46%	49%	grade 1 events	522	277	334	193	342	348
								0%	0%	0%	0%	0%	0%
							grade 2 events	13343	44493	15689	26864	18942	14915
								7%	22%	9%	13%	9%	8%
							grade 3 events	5893	5874	5630	11654	7587	5796
								3%	2%	3%	5%	3%	3%
							grade 4 events	5789	5797	5666	11086	7411	5542
								3%	2%	3%	5%	3%	3%
							grade 5 events	4596	10403	4581	11855	6001	5134
								2%	5%	2%	6%	3%	3%
							grade 6 events	10823	49331	14635	50515	18063	13384
								6%	24%	8%	25%	9%	8%
							grade 7 events	81269	64987	75841	59538	82549	75565
								47%	32%	45%	30%	43%	45%

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	187.9687770467399
[deg] Pointing Dec	0	24.00299298024663
[deg] Pointing Roll	0.0	141.1263142164034
[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)	353247897.62463	353247896.59963
Observation start date	2009-03-12T12:24:58	2009-03-12T12:24:56
[s] Observation end time (MET)	353258077.925136	353258076.90014
Observation end date	2009-03-12T15:14:38	2009-03-12T15:14:36
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.364415866971

A.2 Comments