

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57258 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 1 2012

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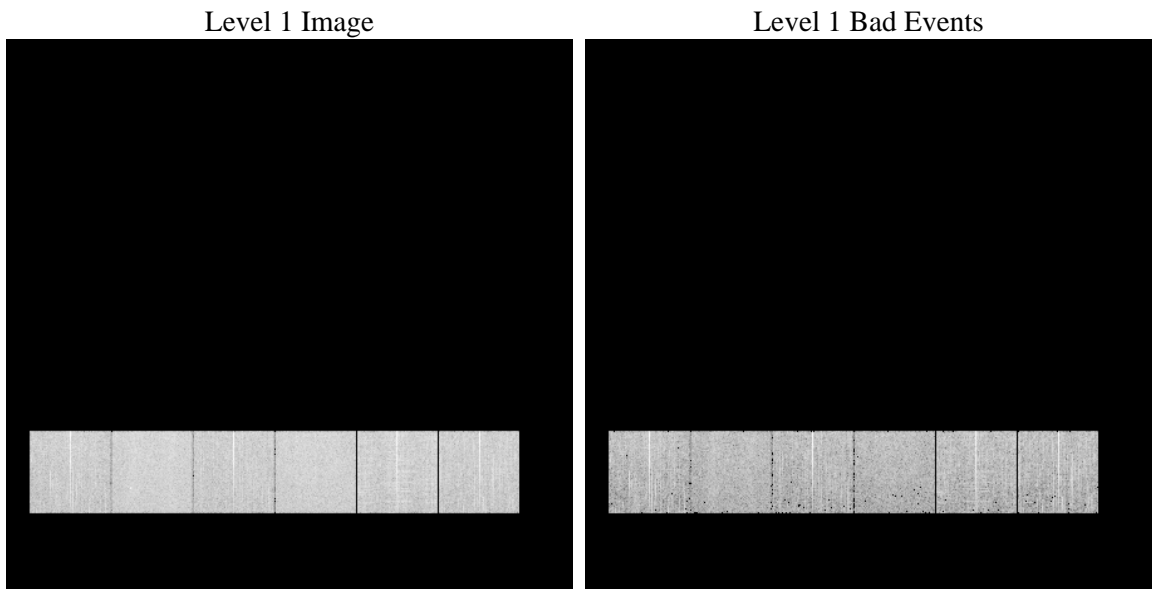
1 Front

seq_num	 	Sequence number
obs_id	57258	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	156.02858038868	Nominal RA [deg]
dec_nom	-15.991828601423	Nominal Dec [deg]
roll_nom	343.59788396044	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3862.399985671	Sum of GTIs [s]
livetime	3813.4919513944	Livetime [s]
ontime4	3862.399985671	Sum of GTIs [s]
ontime5	3862.399985671	Sum of GTIs [s]
ontime6	3862.399985671	Sum of GTIs [s]
ontime7	3862.399985671	Sum of GTIs [s]
ontime8	3862.399985671	Sum of GTIs [s]
ontime9	3862.399985671	Sum of GTIs [s]
l2events	246581	Number of level 2 events

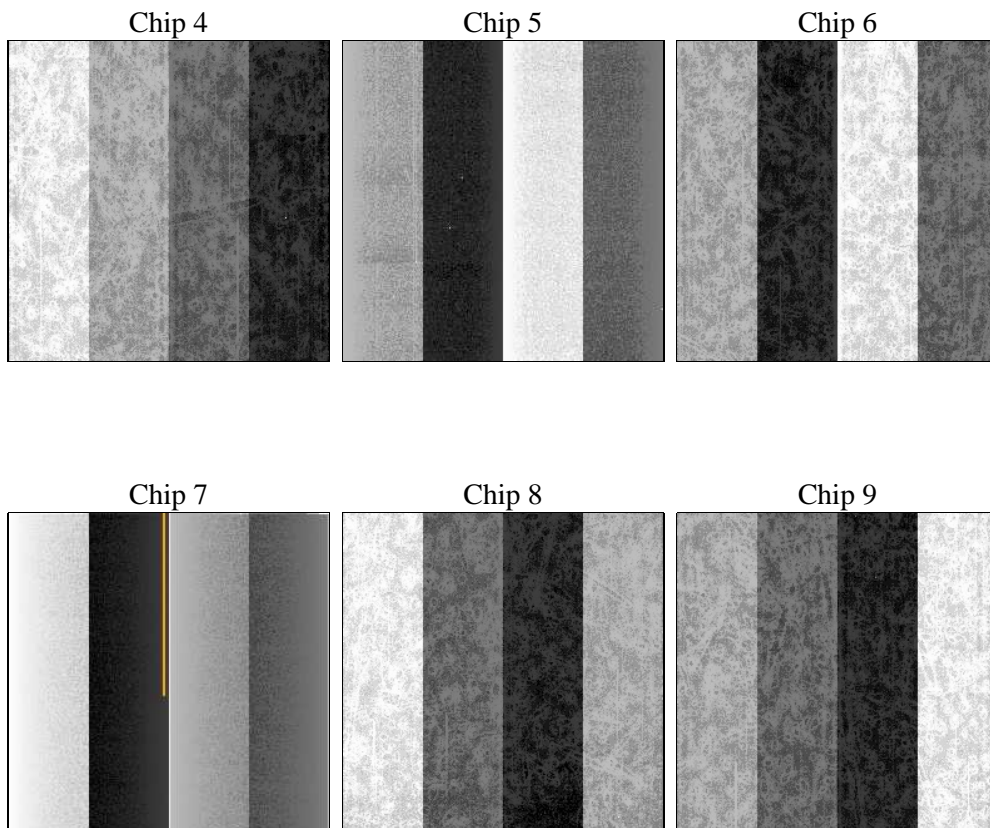
2 OBI

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	3862.399985671	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	3862.399985671	Sum of GTIs [s]
date	2012-06-02T00:49:01	Date and time of file creation	ontime5	3862.399985671	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3862.399985671	Sum of GTIs [s]
			ontime7	3862.399985671	Sum of GTIs [s]
			ontime8	3862.399985671	Sum of GTIs [s]
			ontime9	3862.399985671	Sum of GTIs [s]
			l1events	502247	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	77889	91287	78167	88760	87240	78904	grade 0 events	21174	5919	19667	9826	22591	20707
rejected events	41901	37307	39379	34298	42260	41122		27%	6%	25%	11%	25%	26%
rejected %	53%	40%	50%	38%	48%	52%	grade 1 events	237	135	112	54	167	132
								0%	0%	0%	0%	0%	0%
							grade 2 events	5402	21134	8293	12293	8623	6649
								6%	23%	10%	13%	9%	8%
							grade 3 events	2637	2083	2335	4804	3208	2524
								3%	2%	2%	5%	3%	3%
							grade 4 events	2612	1940	2309	4715	3108	2464
								3%	2%	2%	5%	3%	3%
							grade 5 events	1950	4084	1882	4934	2586	2256
								2%	4%	2%	5%	2%	2%
							grade 6 events	4775	23753	6798	23681	8156	6008
								6%	26%	8%	26%	9%	7%
							grade 7 events	39102	32239	36771	28453	38801	38164
								50%	35%	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	156.0285803886809	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-15.99182860142334	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	343.5978839604364	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	352329624.679036	352329623.65404			
Observation start date	2009-03-01T21:20:25	2009-03-01T21:20:23			
[s] Observation end time (MET)	352336744.329389	352336743.30439			
Observation end date	2009-03-01T23:19:04	2009-03-01T23:19:03			
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)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.862399985671

A.2 Comments