

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56878 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 12 2012

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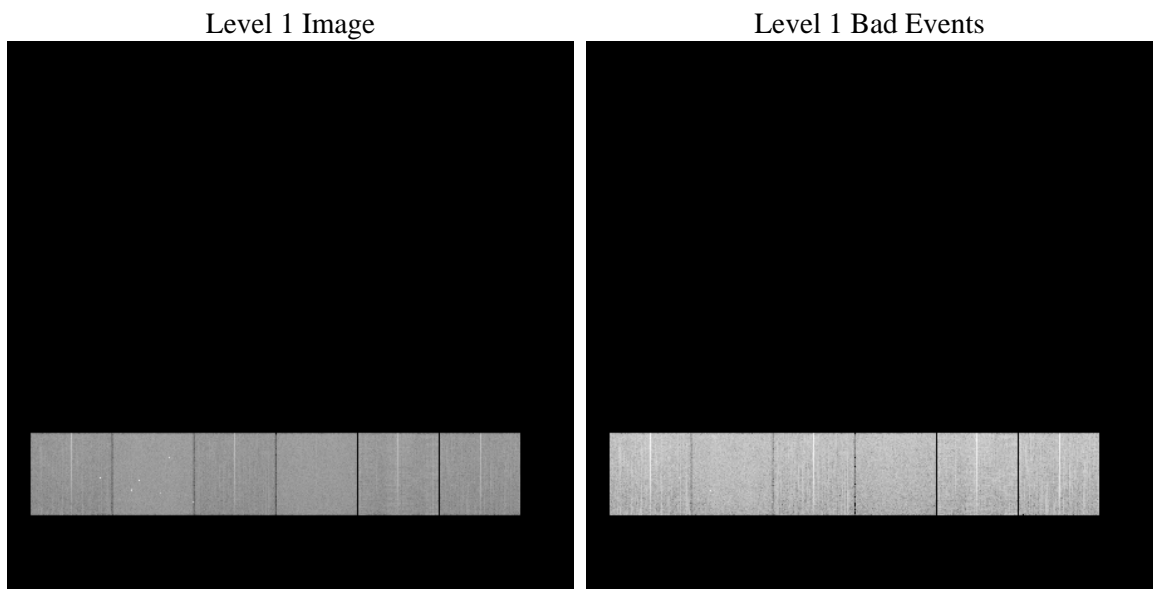
1 Front

seq_num	 	Sequence number
obs_id	56878	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	350.02050531574	Nominal RA [deg]
dec_nom	-50.974376092189	Nominal Dec [deg]
roll_nom	30.271700267889	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8449.7009586692	Sum of GTIs [s]
livetime	8342.7057573314	Livetime [s]
ontime4	8449.5778386593	Sum of GTIs [s]
ontime5	8449.6599186659	Sum of GTIs [s]
ontime6	8449.6188786626	Sum of GTIs [s]
ontime7	8449.7009586692	Sum of GTIs [s]
ontime8	8446.2957882881	Sum of GTIs [s]
ontime9	8449.7419986725	Sum of GTIs [s]
l2events	512735	Number of level 2 events

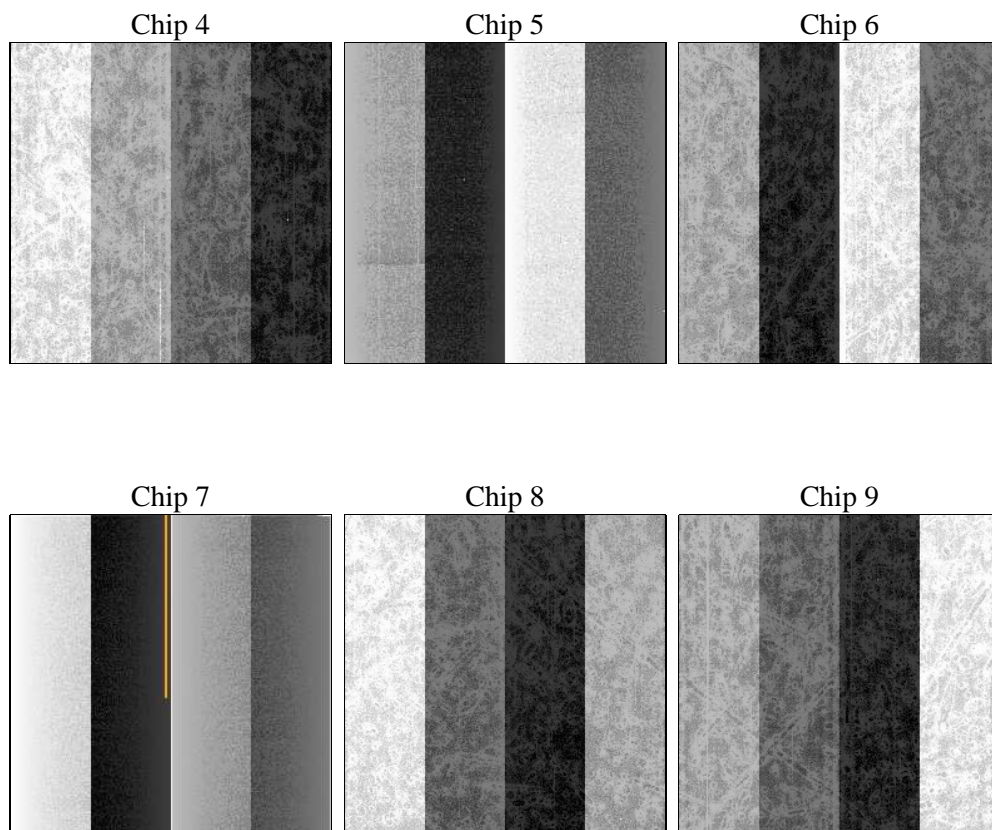
2 OBI

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	8449.7009586692	Sum of GTIs [s]
caldbver	4.4.10	 	ontime4	8449.5778386593	Sum of GTIs [s]
date	2012-06-12T04:05:23	Date and time of file creation	ontime5	8449.6599186659	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8449.6188786626	Sum of GTIs [s]
			ontime7	8449.7009586692	Sum of GTIs [s]
			ontime8	8446.2957882881	Sum of GTIs [s]
			ontime9	8449.7419986725	Sum of GTIs [s]
			l1events	1055005	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	161314	197994	160118	189169	182380	164030	grade 0 events	43470	18082	41096	20911	45766	41061
rejected events	85342	78465	81253	73635	88560	86616		26%	9%	25%	11%	25%	25%
rejected %	52%	39%	50%	38%	48%	52%	grade 1 events	494	284	290	165	302	326
								0%	0%	0%	0%	0%	0%
							grade 2 events	12252	42272	14043	24835	17818	13621
								7%	21%	8%	13%	9%	8%
							grade 3 events	5242	5367	5255	10822	6844	5193
								3%	2%	3%	5%	3%	3%
							grade 4 events	5168	5245	5319	10696	6733	5263
								3%	2%	3%	5%	3%	3%
							grade 5 events	4482	10648	4640	11801	6013	5143
								2%	5%	2%	6%	3%	3%
							grade 6 events	9867	48616	13188	48311	16724	12306
								6%	24%	8%	25%	9%	7%
							grade 7 events	80339	67480	76287	61628	82180	81117
								49%	34%	47%	32%	45%	49%

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	350.0205053157377	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-50.9743760921892	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	30.27170026788934	[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)	367181875.419815	367181874.39482			
Observation start date	2009-08-20T18:57:55	2009-08-20T18:57:54			
[s] Observation end time (MET)	367192053.670325	367192052.64533			
Observation end date	2009-08-20T21:47:34	2009-08-20T21:47:32			
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	8.4497009586692

A.2 Comments