

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56125 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 1 2012

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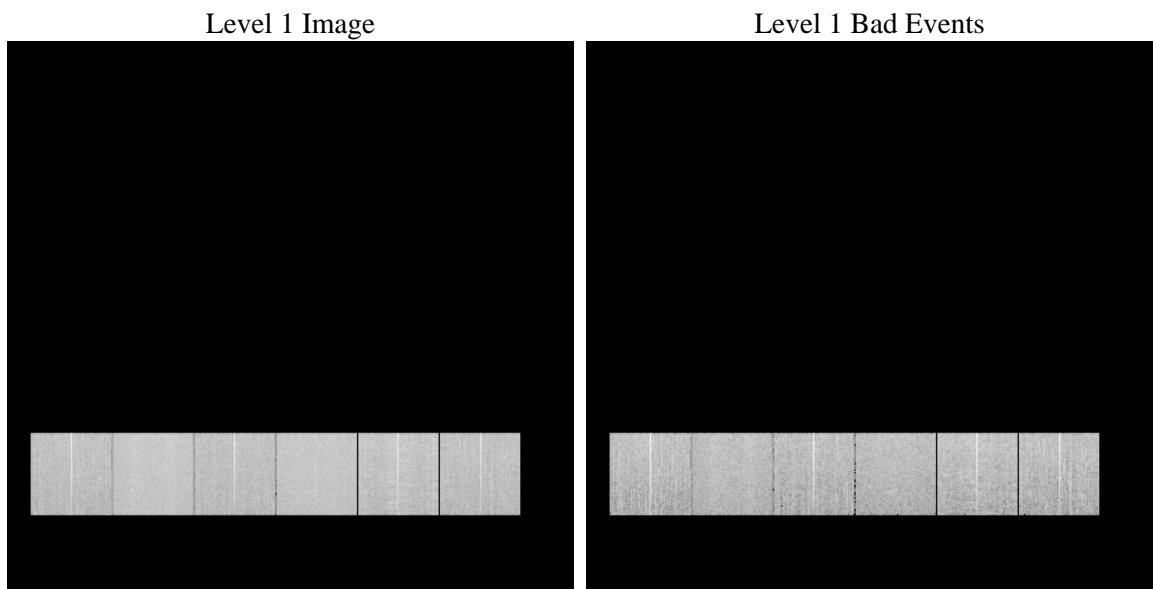
1 Front

seq_num	 	Sequence number
obs_id	56125	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	314.99599472292	Nominal RA [deg]
dec_nom	-35.471478579603	Nominal Dec [deg]
roll_nom	63.66038624583	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8277.5705031157	Sum of GTIs [s]
livetime	8172.7549212506	Livetime [s]
ontime4	8277.5704932809	Sum of GTIs [s]
ontime5	8277.5705031157	Sum of GTIs [s]
ontime6	8277.5705031157	Sum of GTIs [s]
ontime7	8277.5705031157	Sum of GTIs [s]
ontime8	8277.5461395383	Sum of GTIs [s]
ontime9	8277.5705031157	Sum of GTIs [s]
l2events	412595	Number of level 2 events

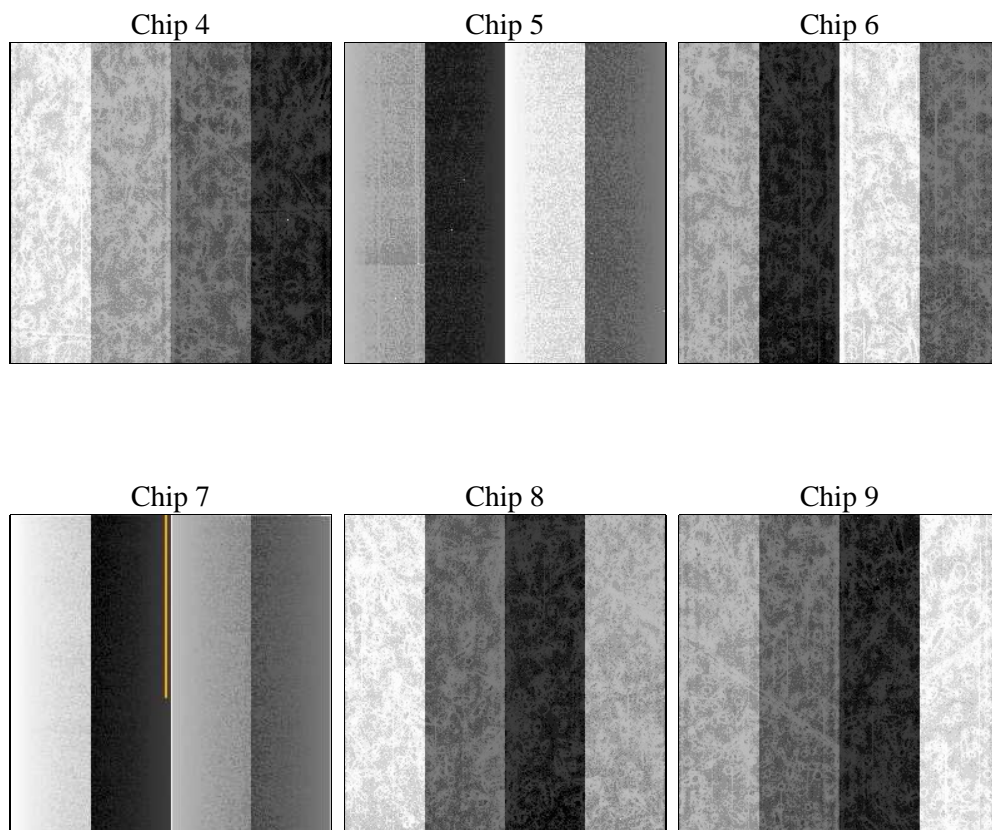
2 OBI

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	8277.5705031157	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	8277.5704932809	Sum of GTIs [s]
date	2012-06-30T03:16:51	Date and time of file creation	ontime5	8277.5705031157	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8277.5705031157	Sum of GTIs [s]
			ontime7	8277.5705031157	Sum of GTIs [s]
			ontime8	8277.5461395383	Sum of GTIs [s]
			ontime9	8277.5705031157	Sum of GTIs [s]
			l1events	891536	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	136222	168125	133946	162715	155023	135505	grade 0 events	33571	9626	31357	15985	36267	32448
rejected events	77563	72121	71578	67776	79176	74346		24%	5%	23%	9%	23%	23%
rejected %	56%	42%	53%	41%	51%	54%	grade 1 events	342	234	185	128	245	233
								0%	0%	0%	0%	0%	0%
							grade 2 events	8837	36172	12544	21066	14723	10835
								6%	21%	9%	12%	9%	7%
							grade 3 events	4232	3403	3838	8366	5557	4103
								3%	2%	2%	5%	3%	3%
							grade 4 events	4183	3258	3802	7922	5321	3956
								3%	1%	2%	4%	3%	2%
							grade 5 events	3910	8251	4107	9804	5317	4551
								2%	4%	3%	6%	3%	3%
							grade 6 events	7836	43545	10827	41600	13979	9817
								5%	25%	8%	25%	9%	7%
							grade 7 events	73311	63636	67286	57844	73614	69562
								53%	37%	50%	35%	47%	51%

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	314.995994722916	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-35.47147857960268	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	63.66038624583038	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	395281866.442228	395281865.41722			
Observation start date	2010-07-12T00:31:06	2010-07-12T00:31:05			
[s] Observation end time (MET)	395292602.292776	395292601.26777			
Observation end date	2010-07-12T03:30:02	2010-07-12T03:30:01			
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)	2012.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2775705031157

A.2 Comments