

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54756 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 27 2012

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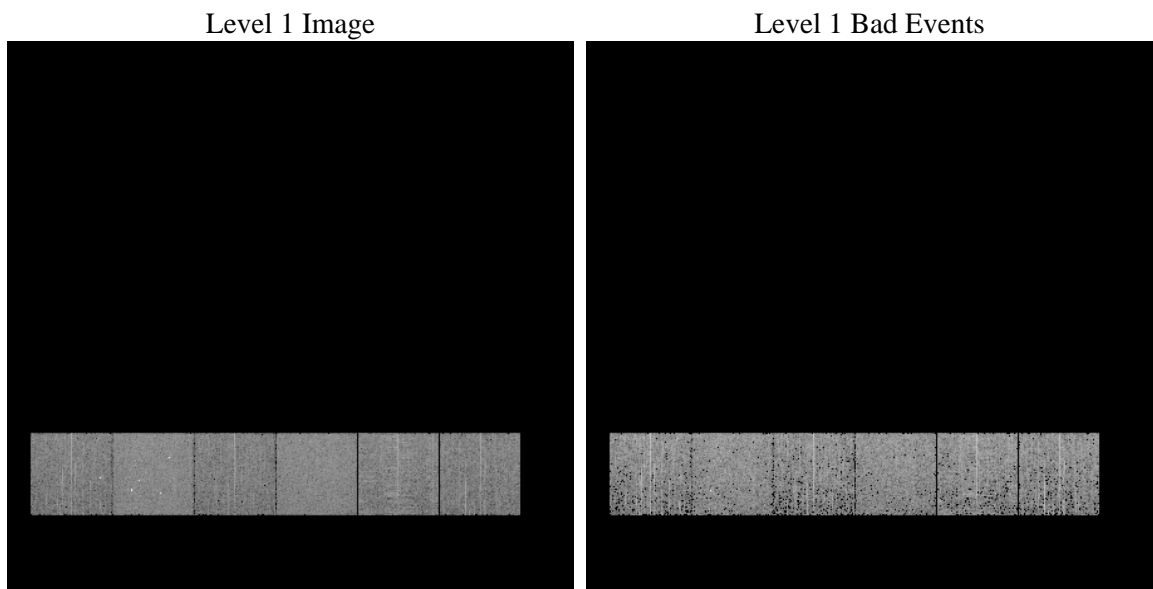
1 Front

seq_num	 	Sequence number
obs_id	54756	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	205.97218177617	Nominal RA [deg]
dec_nom	13.010157612786	Nominal Dec [deg]
roll_nom	126.34036149619	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3279.9999878407	Sum of GTIs [s]
livetime	3238.4666530157	Livetime [s]
ontime4	3279.9999878407	Sum of GTIs [s]
ontime5	3279.9999878407	Sum of GTIs [s]
ontime6	3279.9999878407	Sum of GTIs [s]
ontime7	3279.9999878407	Sum of GTIs [s]
ontime8	3279.9999878407	Sum of GTIs [s]
ontime9	3279.9999878407	Sum of GTIs [s]
l2events	114789	Number of level 2 events

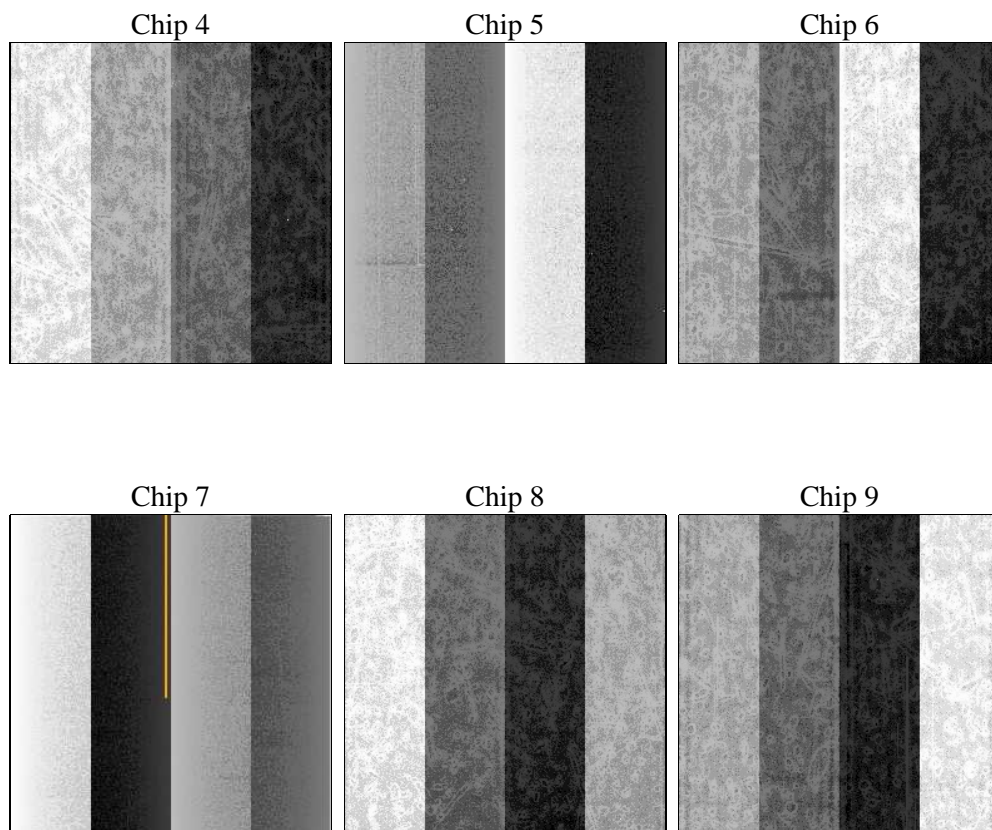
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	3279.9999878407	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	3279.9999878407	Sum of GTIs [s]
date	2012-03-27T11:52:23	Date and time of file creation	ontime5	3279.9999878407	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	3279.9999878407	Sum of GTIs [s]
			ontime7	3279.9999878407	Sum of GTIs [s]
			ontime8	3279.9999878407	Sum of GTIs [s]
			ontime9	3279.9999878407	Sum of GTIs [s]
			l1events	264476	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	39228	53879	38084	49249	44878	39158	grade 0 events	9714	4869	8790	4368	9842	8506
rejected events	22522	23385	21125	22199	24003	22881		24%	9%	23%	8%	21%	21%
rejected %	57%	43%	55%	45%	53%	58%	grade 1 events	81	366	37	48	60	53
								0%	0%	0%	0%	0%	0%
							grade 2 events	2497	10586	3149	5974	3956	2863
								6%	19%	8%	12%	8%	7%
							grade 3 events	1192	1066	1107	2296	1556	1146
								3%	1%	2%	4%	3%	2%
							grade 4 events	1170	1102	1044	2337	1579	1144
								2%	2%	2%	4%	3%	2%
							grade 5 events	1262	2718	1384	3366	1821	1521
								3%	5%	3%	6%	4%	3%
							grade 6 events	2147	12871	2886	12075	3958	2627
								5%	23%	7%	24%	8%	6%
							grade 7 events	21165	20301	19687	18785	22106	21298
								53%	37%	51%	38%	49%	54%

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	205.9721817761742	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	13.01015761278557	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	126.3403614961924	[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)	449172233.81299	449172232.78799			
Observation start date	2012-03-26T18:03:54	2012-03-26T18:03:52			
[s] Observation end time (MET)	449181686.363491	449181685.33849			
Observation end date	2012-03-26T20:41:26	2012-03-26T20:41:25			
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)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2799999878407

A.2 Comments