

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56053 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 2 2012

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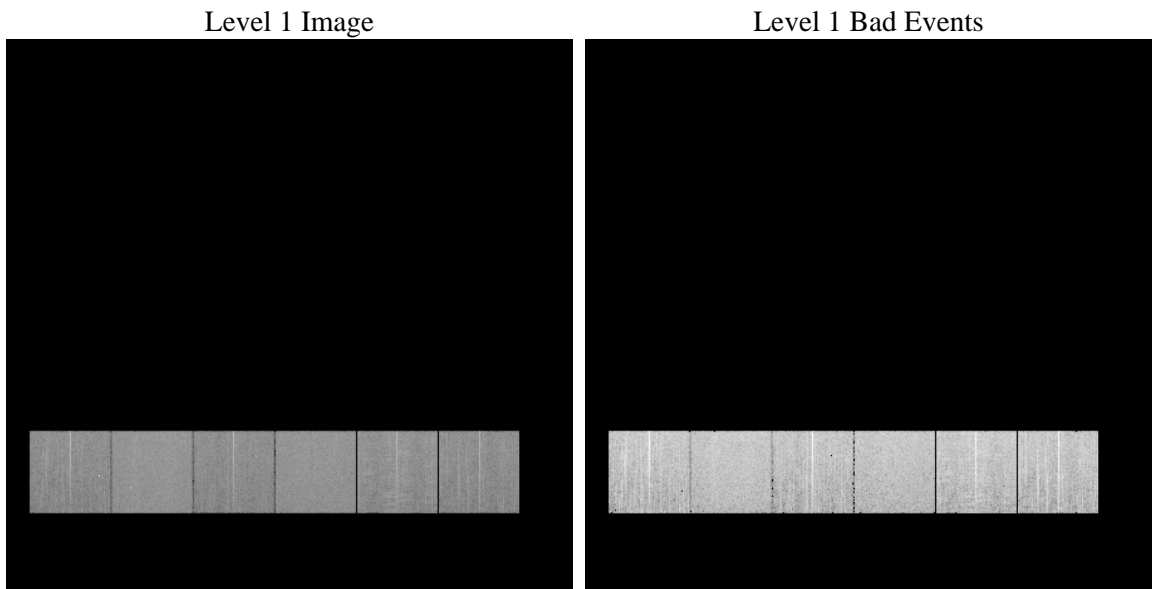
1 Front

seq_num	 	Sequence number
obs_id	56053	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	314.49984080062	Nominal RA [deg]
dec_nom	4.5712596778916	Nominal Dec [deg]
roll_nom	236.72892128908	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7727.8700466752	Sum of GTIs [s]
livetime	7630.0151029795	Livetime [s]
ontime4	7727.7469266653	Sum of GTIs [s]
ontime5	7727.8290066719	Sum of GTIs [s]
ontime6	7727.7879666686	Sum of GTIs [s]
ontime7	7727.8700466752	Sum of GTIs [s]
ontime8	7727.705886662	Sum of GTIs [s]
ontime9	7727.9110866785	Sum of GTIs [s]
l2events	377644	Number of level 2 events

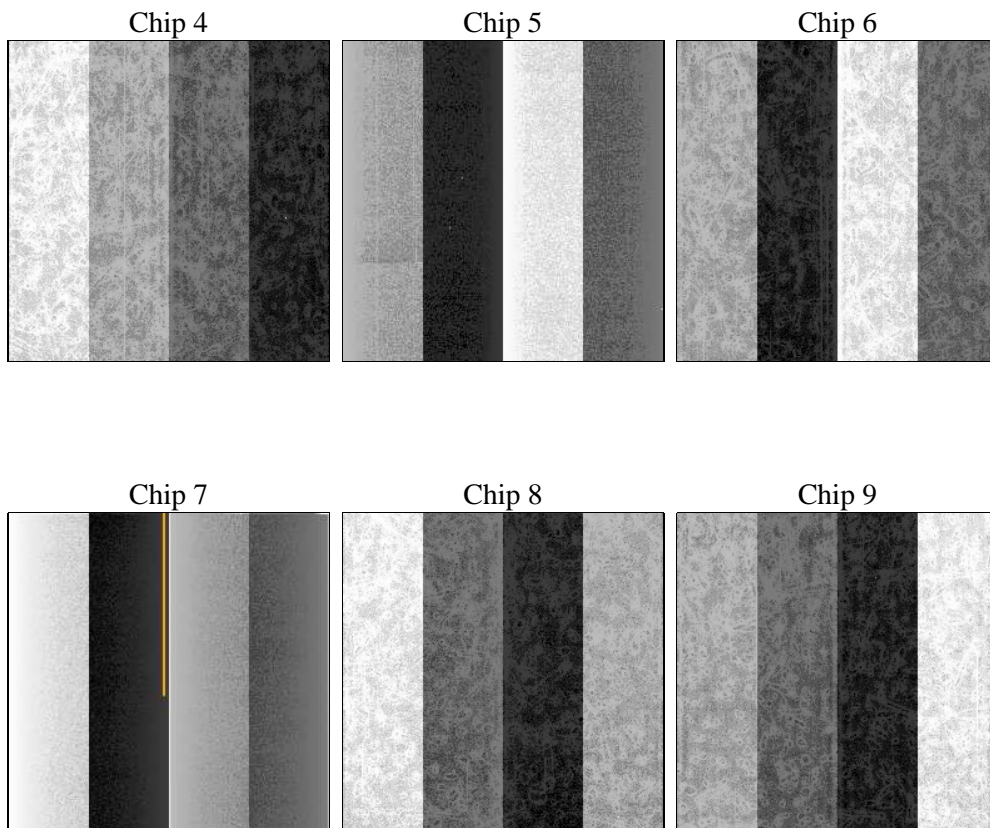
2 OBI

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	7727.8700466752	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	7727.7469266653	Sum of GTIs [s]
date	2012-07-02T08:09:55	Date and time of file creation	ontime5	7727.8290066719	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7727.7879666686	Sum of GTIs [s]
			ontime7	7727.8700466752	Sum of GTIs [s]
			ontime8	7727.705886662	Sum of GTIs [s]
			ontime9	7727.9110866785	Sum of GTIs [s]
			l1events	798520	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	121724	151150	117926	147193	138168	122359	grade 0 events	31625	10998	29771	15299	33602	29400
rejected events	66095	63848	60696	60113	68353	66824		25%	7%	25%	10%	24%	24%
rejected %	54%	42%	51%	40%	49%	54%	grade 1 events	316	140	178	128	195	184
								0%	0%	0%	0%	0%	0%
							grade 2 events	8798	31082	10408	18917	13178	9774
								7%	20%	8%	12%	9%	7%
							grade 3 events	3941	3782	3740	7832	5203	3835
								3%	2%	3%	5%	3%	3%
							grade 4 events	3957	3751	3768	7739	5242	3737
								3%	2%	3%	5%	3%	3%
							grade 5 events	3694	8112	3732	9498	4931	4266
								3%	5%	3%	6%	3%	3%
							grade 6 events	7328	37725	9561	37349	12607	8811
								6%	24%	8%	25%	9%	7%
							grade 7 events	62065	55560	56768	50431	63210	62352
								50%	36%	48%	34%	45%	50%

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	314.4998408006173	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	4.571259677891628	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	236.7289212890812	[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)	399392489.752549	399392488.72754			
Observation start date	2010-08-28T14:21:30	2010-08-28T14:21:28			
[s] Observation end time (MET)	399402118.603042	399402117.57803			
Observation end date	2010-08-28T17:01:59	2010-08-28T17:01:57			
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)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7278700466752

A.2 Comments