

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55621 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

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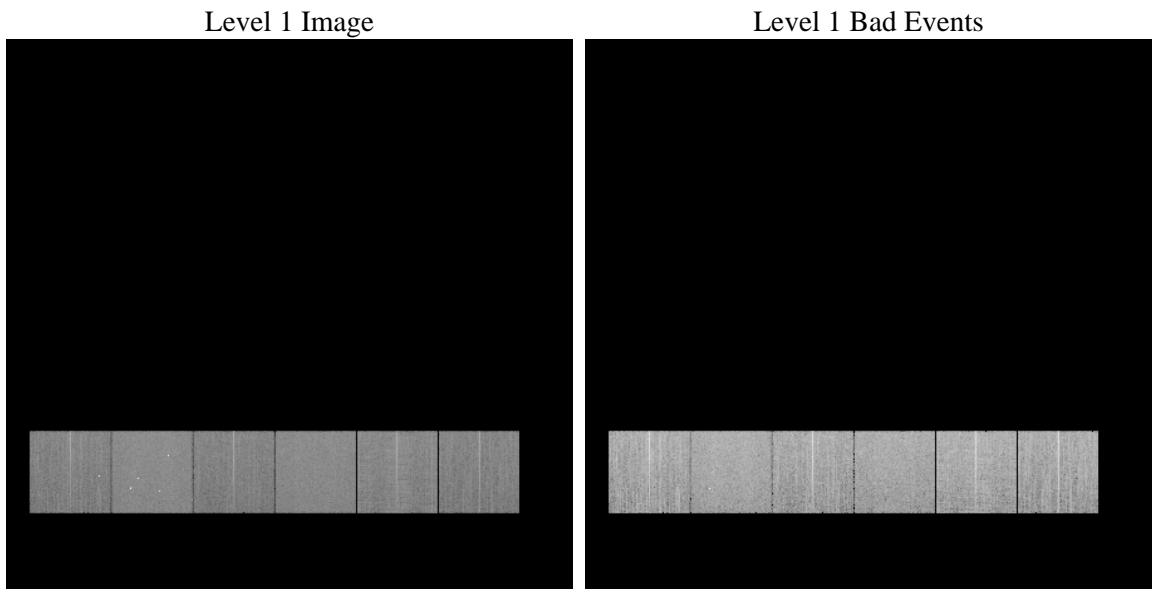
1 Front

seq_num	 	Sequence number
obs_id	55621	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	172.62944054593	Nominal RA [deg]
dec_nom	29.385883127111	Nominal Dec [deg]
roll_nom	146.87275116224	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8280.4919713736	Sum of GTIs [s]
livetime	8175.6393961184	Livetime [s]
ontime4	8280.3688513637	Sum of GTIs [s]
ontime5	8280.4509313703	Sum of GTIs [s]
ontime6	8280.409891367	Sum of GTIs [s]
ontime7	8280.4919713736	Sum of GTIs [s]
ontime8	8280.3278113604	Sum of GTIs [s]
ontime9	8280.5330113769	Sum of GTIs [s]
l2events	371484	Number of level 2 events

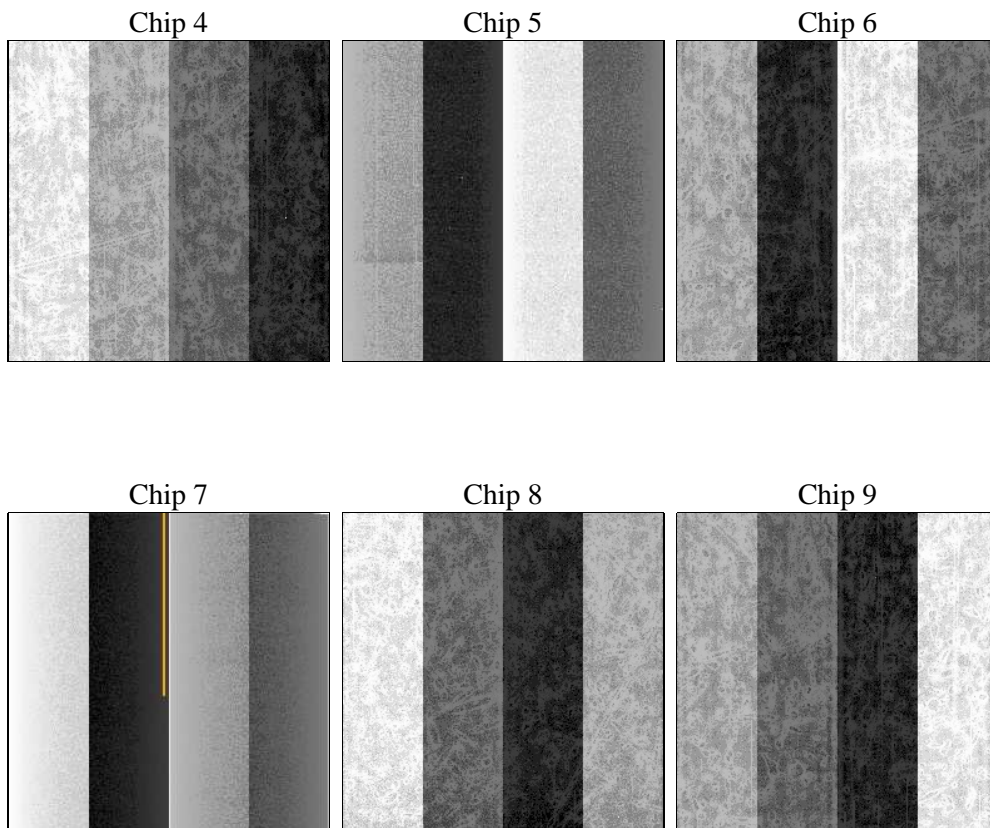
2 OBI

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	8.4.3	Processing system revision	ontime	8280.4919713736	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	8280.3688513637	Sum of GTIs [s]
date	2012-02-04T22:14:13	Date and time of file creation	ontime5	8280.4509313703	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8280.409891367	Sum of GTIs [s]
			ontime7	8280.4919713736	Sum of GTIs [s]
			ontime8	8280.3278113604	Sum of GTIs [s]
			ontime9	8280.5330113769	Sum of GTIs [s]
			l1events	830607	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	125196	163752	120794	151974	145398	123493	grade 0 events	31017	15207	28278	14637	32522	27947
rejected events	71190	68787	65773	64731	75996	69904		24%	9%	23%	9%	22%	22%
rejected %	56%	42%	54%	42%	52%	56%	grade 1 events	289	192	170	134	207	201
								0%	0%	0%	0%	0%	0%
							grade 2 events	8598	32961	10121	18876	13261	9688
								6%	20%	8%	12%	9%	7%
							grade 3 events	3777	3687	3694	7922	5270	3731
								3%	2%	3%	5%	3%	3%
							grade 4 events	3707	3571	3611	7773	5173	3570
								2%	2%	2%	5%	3%	2%
							grade 5 events	3939	8928	4088	10210	5442	4571
								3%	5%	3%	6%	3%	3%
							grade 6 events	6907	39539	9317	38035	13176	8653
								5%	24%	7%	25%	9%	7%
							grade 7 events	66962	59667	61515	54387	70347	65132
								53%	36%	50%	35%	48%	52%

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	172.6294405459266	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	29.38588312711124	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	146.8727511622415	[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)	415153191.914862	415153190.88986			
Observation start date	2011-02-27T00:19:52	2011-02-27T00:19:50			
[s] Observation end time (MET)	415165086.015478	415165084.99047			
Observation end date	2011-02-27T03:38:06	2011-02-27T03:38:04			
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)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2804919713736

A.2 Comments