

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56680 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 16 2012

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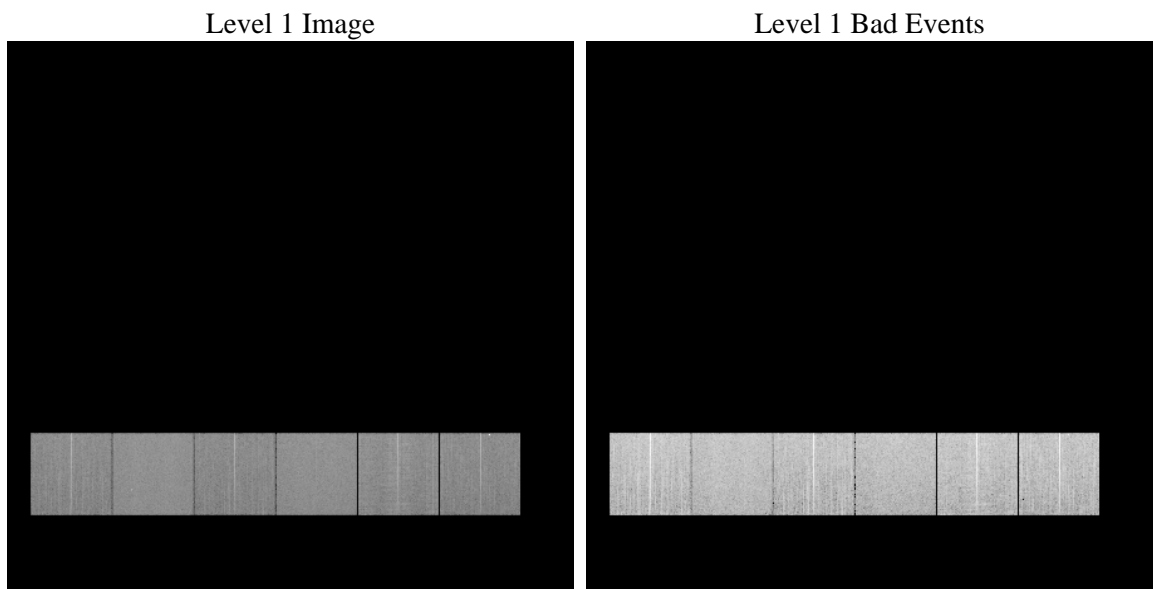
1 Front

seq_num	 	Sequence number
obs_id	56680	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	55.019328379689	Nominal RA [deg]
dec_nom	-5.9787423537209	Nominal Dec [deg]
roll_nom	14.964057334593	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8433.9319579005	Sum of GTIs [s]
livetime	8327.1364331455	Livetime [s]
ontime4	8433.8088378906	Sum of GTIs [s]
ontime5	8433.8909178972	Sum of GTIs [s]
ontime6	8433.8498778939	Sum of GTIs [s]
ontime7	8433.9319579005	Sum of GTIs [s]
ontime8	8433.7677978873	Sum of GTIs [s]
ontime9	8433.9729979038	Sum of GTIs [s]
l2events	490637	Number of level 2 events

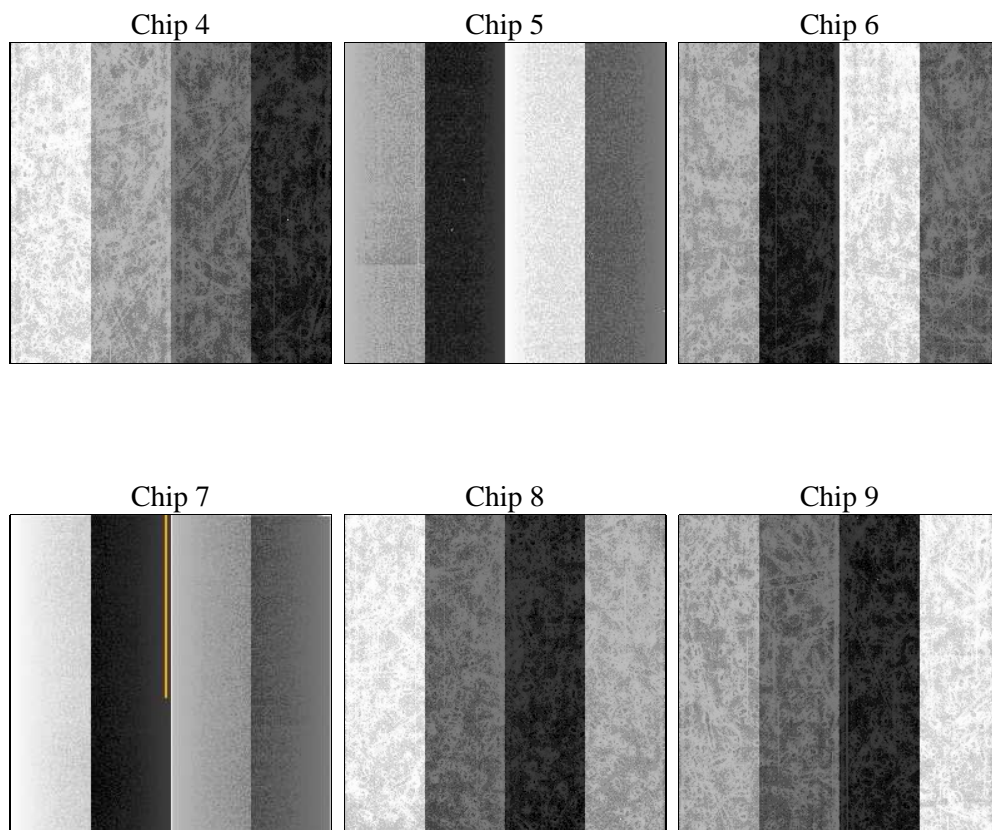
2 OBI

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	8433.9319579005	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8433.8088378906	Sum of GTIs [s]
date	2012-06-16T16:54:59	Date and time of file creation	ontime5	8433.8909178972	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8433.8498778939	Sum of GTIs [s]
			ontime7	8433.9319579005	Sum of GTIs [s]
			ontime8	8433.7677978873	Sum of GTIs [s]
			ontime9	8433.9729979038	Sum of GTIs [s]
			l1events	1028834	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	158917	190931	154578	186087	179211	159110	grade 0 events	39430	14242	38953	20049	44164	38847
rejected events	88644	78093	79937	73828	88313	83539		24%	7%	25%	10%	24%	24%
rejected %	55%	40%	51%	39%	49%	52%	grade 1 events	422	254	276	164	344	281
								0%	0%	0%	0%	0%	0%
							grade 2 events	11412	40399	13434	24211	17276	15133
								7%	21%	8%	13%	9%	9%
							grade 3 events	5078	5029	5016	10315	6896	4990
								3%	2%	3%	5%	3%	3%
							grade 4 events	4925	4839	4841	10200	6582	4942
								3%	2%	3%	5%	3%	3%
							grade 5 events	4482	10310	4694	11919	6149	5261
								2%	5%	3%	6%	3%	3%
							grade 6 events	9456	48369	12423	47521	16027	11690
								5%	25%	8%	25%	8%	7%
							grade 7 events	83712	67489	74941	61708	81773	77966
								52%	35%	48%	33%	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	55.0193283796895	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-5.978742353720916	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	14.96405733459345	[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)	374490642.387168	374490641.36217			
Observation start date	2009-11-13T09:10:42	2009-11-13T09:10:41			
[s] Observation end time (MET)	374500808.337681	374500807.31268			
Observation end date	2009-11-13T12:00:08	2009-11-13T12:00:07			
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)	2012.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4339319579005

A.2 Comments