

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56078 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 1 2012

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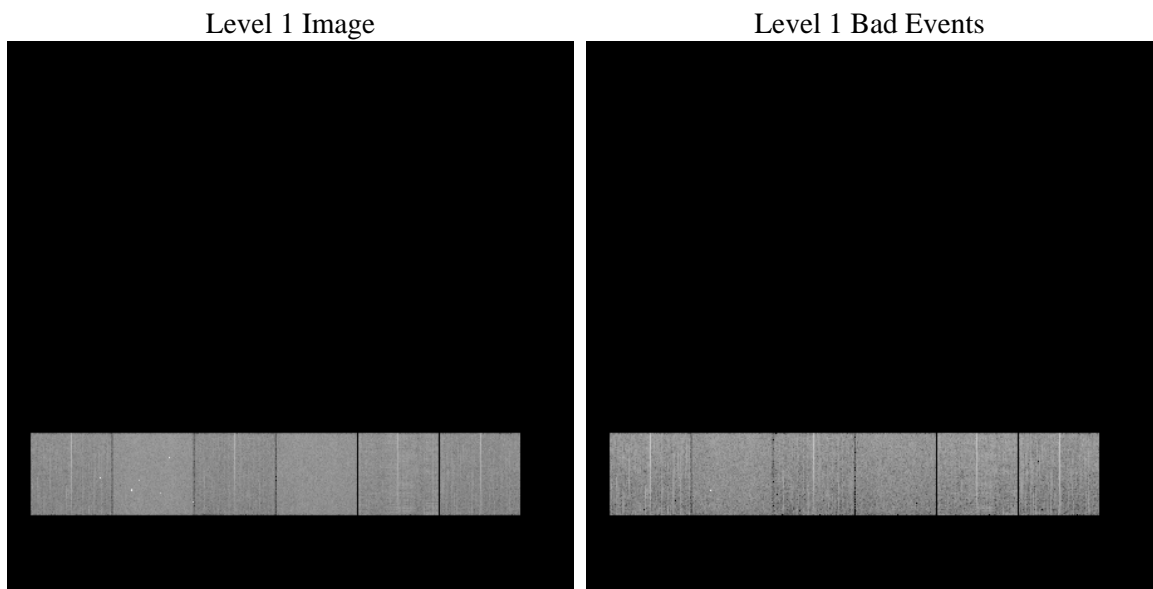
1 Front

seq_num	 	Sequence number
obs_id	56078	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	306.99003556262	Nominal RA [deg]
dec_nom	4.2730033564296	Nominal Dec [deg]
roll_nom	216.99689500028	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7196.7999732494	Sum of GTIs [s]
livetime	7105.6697585955	Livetime [s]
ontime4	7096.3289011717	Sum of GTIs [s]
ontime5	7196.7999732494	Sum of GTIs [s]
ontime6	7109.2919228673	Sum of GTIs [s]
ontime7	7196.7999732494	Sum of GTIs [s]
ontime8	7102.8098725677	Sum of GTIs [s]
ontime9	7102.8110901117	Sum of GTIs [s]
l2events	352012	Number of level 2 events

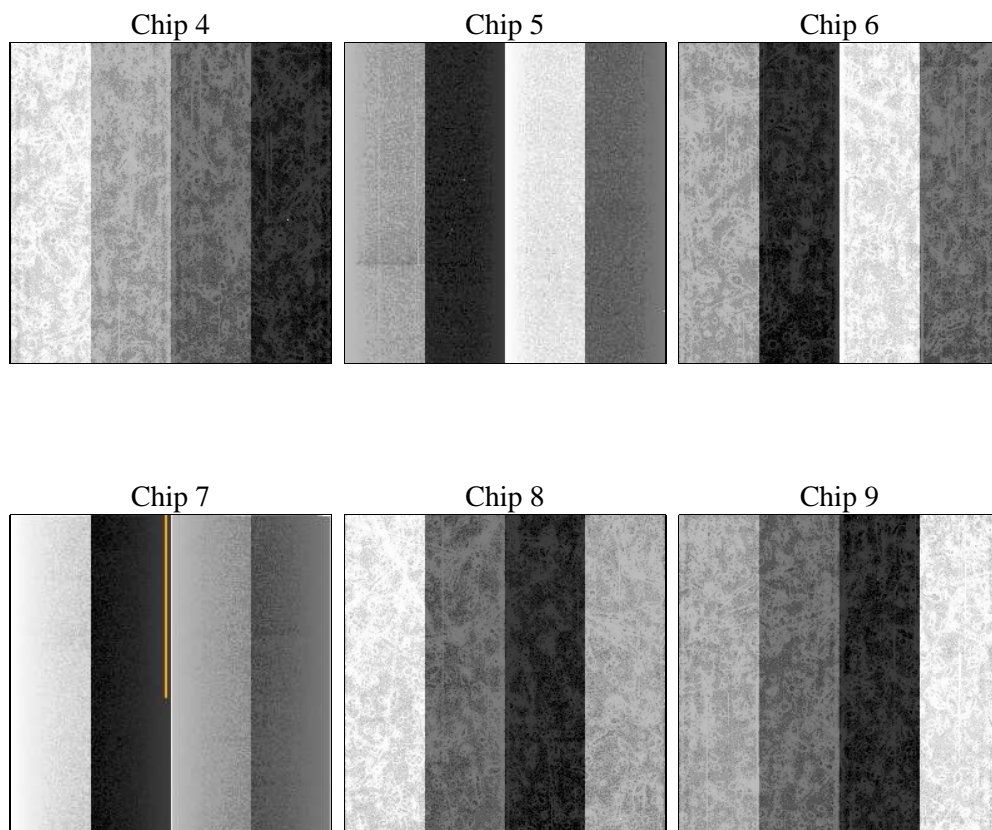
2 OBI

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	8.4.5	Processing system revision	ontime	7196.7999732494	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	7096.3289011717	Sum of GTIs [s]
date	2012-07-01T17:32:15	Date and time of file creation	ontime5	7196.7999732494	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7109.2919228673	Sum of GTIs [s]
			ontime7	7196.7999732494	Sum of GTIs [s]
			ontime8	7102.8098725677	Sum of GTIs [s]
			ontime9	7102.8110901117	Sum of GTIs [s]
			l1events	747417	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	114158	145597	110653	136745	129314	110950	grade 0 events	29695	12122	27705	13993	30915	27443
rejected events	62195	60579	57147	55755	65131	58900		26%	8%	25%	10%	23%	24%
rejected %	54%	41%	51%	40%	50%	53%	grade 1 events	286	187	142	124	198	197
								0%	0%	0%	0%	0%	0%
							grade 2 events	8108	30302	9812	17405	12211	9355
								7%	20%	8%	12%	9%	8%
							grade 3 events	3608	3511	3574	7345	4752	3490
								3%	2%	3%	5%	3%	3%
							grade 4 events	3616	3492	3505	7233	4725	3521
								3%	2%	3%	5%	3%	3%
							grade 5 events	3375	7719	3547	8909	4632	3980
								2%	5%	3%	6%	3%	3%
							grade 6 events	6936	35591	8910	35014	11580	8241
								6%	24%	8%	25%	8%	7%
							grade 7 events	58534	52673	53458	46722	60301	54723
								51%	36%	48%	34%	46%	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	306.9900355626185	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	4.273003356429612	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	216.996895000275	[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)	398022439.832335	398022438.80736			
Observation start date	2010-08-12T17:47:20	2010-08-12T17:47:18			
[s] Observation end time (MET)	398031355.28279	398031354.25781			
Observation end date	2010-08-12T20:15:55	2010-08-12T20:15:54			
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)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.1967999732494

A.2 Comments