

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56260 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 26 2012

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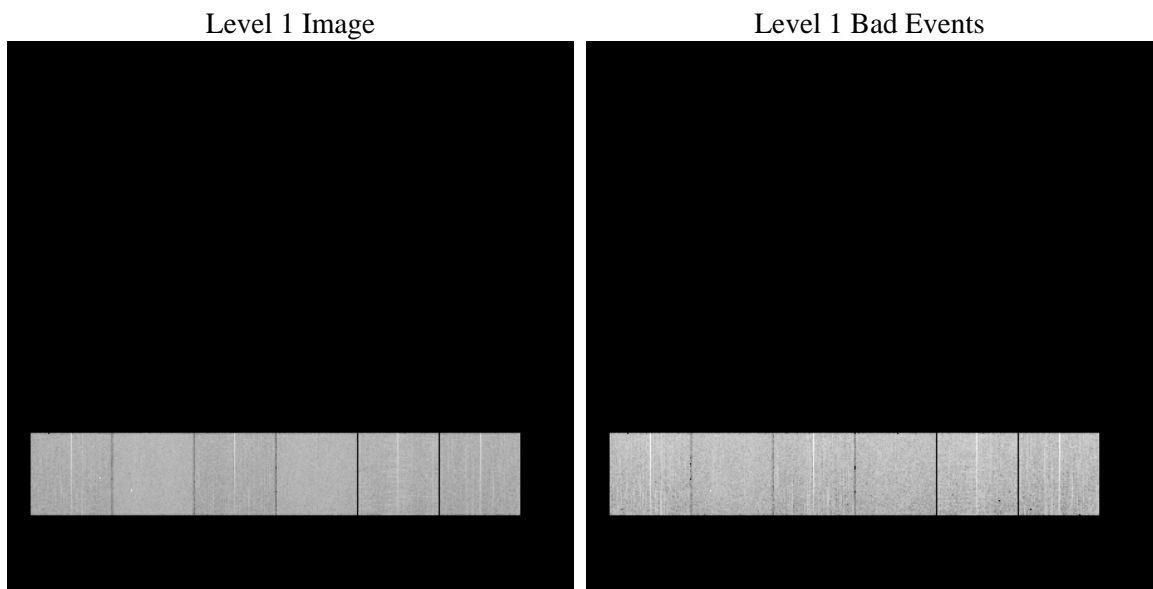
1 Front

seq_num	 	Sequence number
obs_id	56260	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	224.53541101923	Nominal RA [deg]
dec_nom	-42.988043927848	Nominal Dec [deg]
roll_nom	344.50730694056	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8376.4499766231	Sum of GTIs [s]
livetime	8270.3823233264	Livetime [s]
ontime4	8376.3268566132	Sum of GTIs [s]
ontime5	8376.4089366198	Sum of GTIs [s]
ontime6	8376.3678966165	Sum of GTIs [s]
ontime7	8376.4499766231	Sum of GTIs [s]
ontime8	8376.2858166099	Sum of GTIs [s]
ontime9	8376.4910166264	Sum of GTIs [s]
l2events	436142	Number of level 2 events

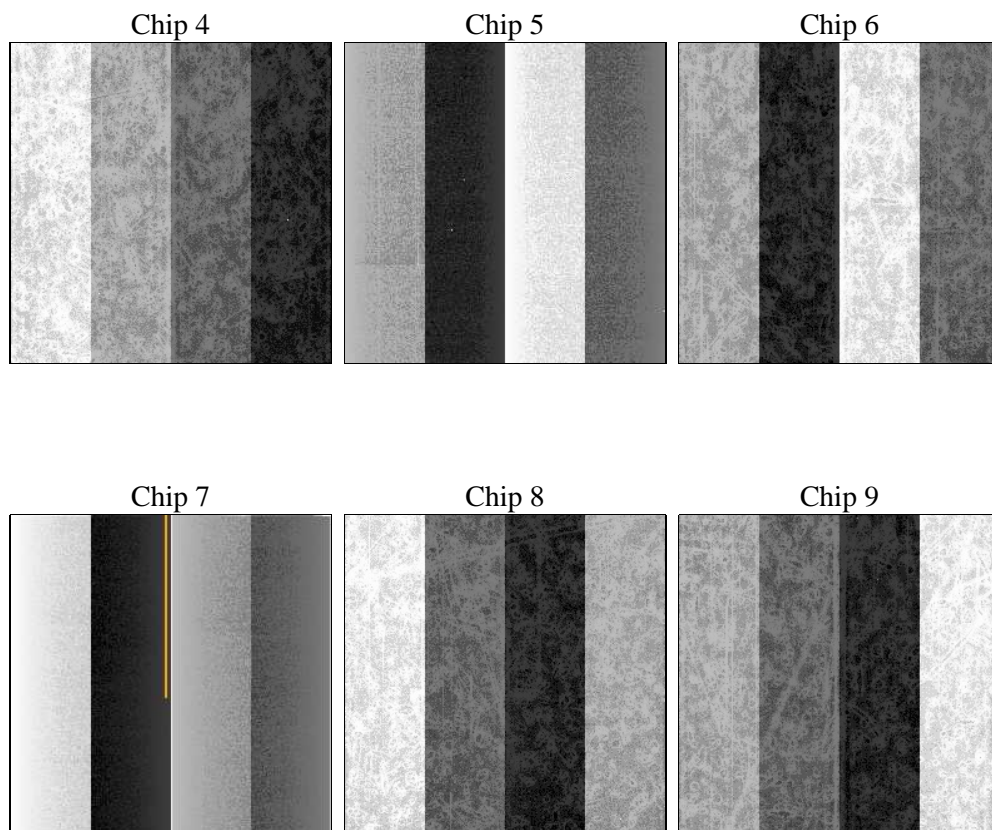
2 OBI

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	8376.4499766231	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8376.3268566132	Sum of GTIs [s]
date	2012-06-26T01:37:02	Date and time of file creation	ontime5	8376.4089366198	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8376.3678966165	Sum of GTIs [s]
			ontime7	8376.4499766231	Sum of GTIs [s]
			ontime8	8376.2858166099	Sum of GTIs [s]
			ontime9	8376.4910166264	Sum of GTIs [s]
			l1events	925385	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	142696	172055	139333	169108	161300	140893	grade 0 events	36465	12006	34222	17569	38951	34792
rejected events	79359	72331	73609	69167	81164	75729		25%	6%	24%	10%	24%	24%
rejected %	55%	42%	52%	40%	50%	53%	grade 1 events	341	196	221	150	245	260
								0%	0%	0%	0%	0%	0%
							grade 2 events	10060	36789	12295	22030	15540	11607
								7%	21%	8%	13%	9%	8%
							grade 3 events	4588	4178	4357	9027	5947	4448
								3%	2%	3%	5%	3%	3%
							grade 4 events	4439	4025	4203	8914	5839	4380
								3%	2%	3%	5%	3%	3%
							grade 5 events	4161	9052	4353	10634	5626	4679
								2%	5%	3%	6%	3%	3%
							grade 6 events	8385	43740	11304	43366	14623	10565
								5%	25%	8%	25%	9%	7%
							grade 7 events	74257	62069	68378	57418	74529	70162
								52%	36%	49%	33%	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	224.5354110192299	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-42.98804392784794	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	344.5073069405589	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	390251387.585689	390251386.56068			
Observation start date	2010-05-14T19:09:48	2010-05-14T19:09:46			
[s] Observation end time (MET)	390263665.036314	390263664.01131			
Observation end date	2010-05-14T22:34:25	2010-05-14T22:34:24			
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)	2012.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3764499766231

A.2 Comments