

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56350 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 23 2012

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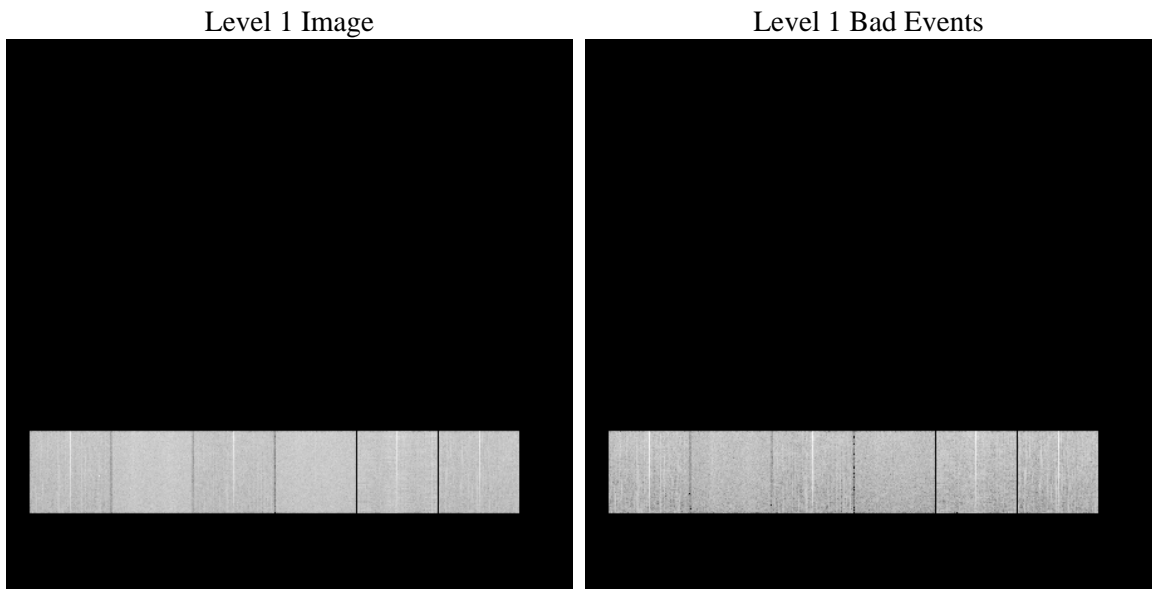
1 Front

seq_num	 	Sequence number
obs_id	56350	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	221.99178110409	Nominal RA [deg]
dec_nom	-15.972420422449	Nominal Dec [deg]
roll_nom	73.164302114041	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8453.8617536426	Sum of GTIs [s]
livetime	8346.8138658135	Livetime [s]
ontime4	8453.7386336327	Sum of GTIs [s]
ontime5	8453.8207136393	Sum of GTIs [s]
ontime6	8453.779673636	Sum of GTIs [s]
ontime7	8453.8617536426	Sum of GTIs [s]
ontime8	8453.6975936294	Sum of GTIs [s]
ontime9	8453.9027936459	Sum of GTIs [s]
l2events	446269	Number of level 2 events

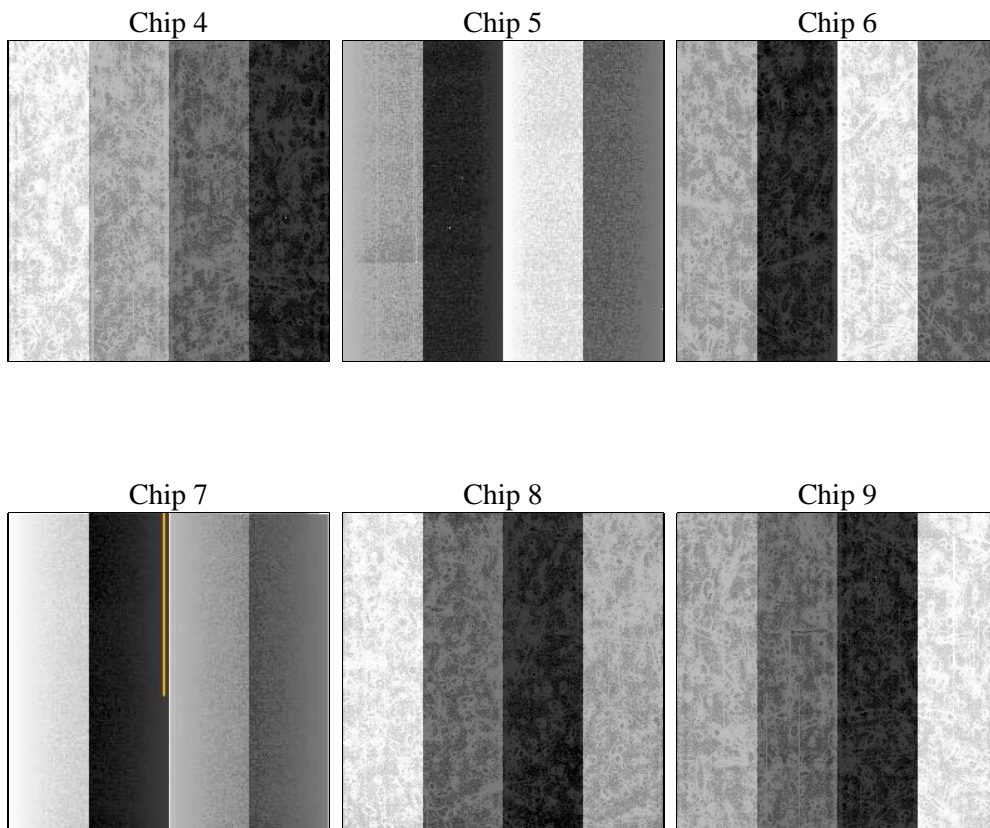
2 OBI

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	8453.8617536426	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8453.7386336327	Sum of GTIs [s]
date	2012-06-23T20:26:56	Date and time of file creation	ontime5	8453.8207136393	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8453.779673636	Sum of GTIs [s]
			ontime7	8453.8617536426	Sum of GTIs [s]
			ontime8	8453.6975936294	Sum of GTIs [s]
			ontime9	8453.9027936459	Sum of GTIs [s]
			l1events	933947	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	141836	174349	143140	169921	161604	143097	grade 0 events	36352	11691	35282	17882	39724	35340
rejected events	78115	72412	74682	68383	80362	76481		25%	6%	24%	10%	24%	24%
rejected %	55%	41%	52%	40%	49%	53%	grade 1 events	359	201	194	123	265	237
								0%	0%	0%	0%	0%	0%
							grade 2 events	9857	37737	12725	22209	15315	11630
								6%	21%	8%	13%	9%	8%
							grade 3 events	4529	4070	4392	9127	6133	4541
								3%	2%	3%	5%	3%	3%
							grade 4 events	4521	3864	4346	8814	5855	4452
								3%	2%	3%	5%	3%	3%
							grade 5 events	4059	8832	4054	10597	5539	4716
								2%	5%	2%	6%	3%	3%
							grade 6 events	8488	44615	11740	43538	14243	10677
								5%	25%	8%	25%	8%	7%
							grade 7 events	73671	63339	70407	57631	74530	71504
								51%	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	221.9917811040863	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-15.97242042244946	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	73.16430211404131	[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)	386827221.161601	386827220.13659			
Observation start date	2010-04-05T04:00:21	2010-04-05T04:00:20			
[s] Observation end time (MET)	386839213.662211	386839212.6372			
Observation end date	2010-04-05T07:20:14	2010-04-05T07:20:12			
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)	2012.06.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4538617536426

A.2 Comments