

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56913 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 11 2012

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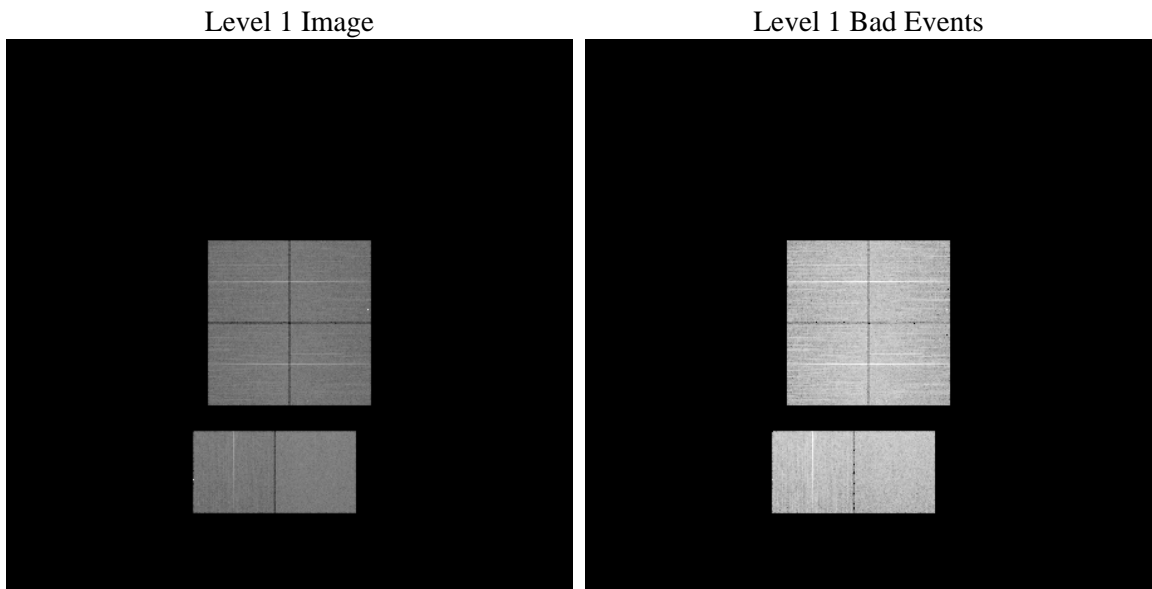
1 Front

seq_num	 	Sequence number
obs_id	56913	Observation id
title	ACIS-012367 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	295.03980736153	Nominal RA [deg]
dec_nom	-44.002327876677	Nominal Dec [deg]
roll_nom	322.48749227591	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8268.7999692559	Sum of GTIs [s]
livetime	8164.0954451716	Livetime [s]
ontime0	8268.7999692559	Sum of GTIs [s]
ontime1	8268.7999692559	Sum of GTIs [s]
ontime2	8265.5589390397	Sum of GTIs [s]
ontime3	8268.7999692559	Sum of GTIs [s]
ontime6	8268.7999692559	Sum of GTIs [s]
ontime7	8268.7999692559	Sum of GTIs [s]
l2events	466058	Number of level 2 events

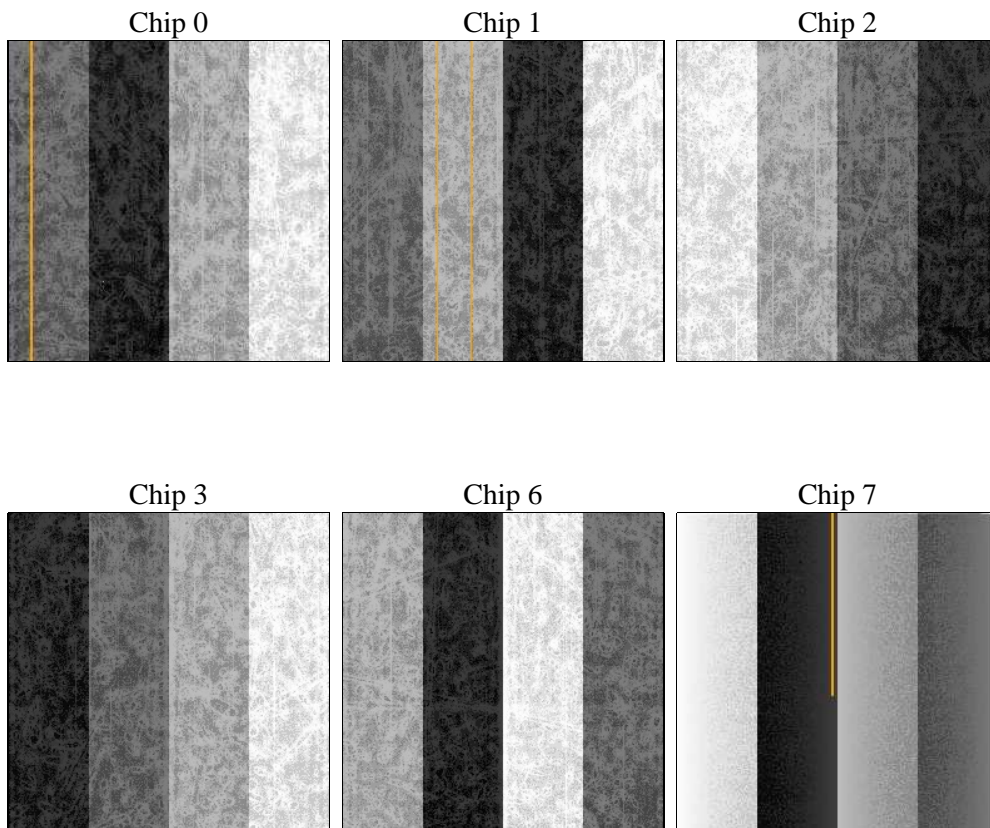
2 OBI

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	8268.7999692559	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8268.7999692559	Sum of GTIs [s]
date	2012-06-11T14:39:51	Date and time of file creation	ontime1	8268.7999692559	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8265.5589390397	Sum of GTIs [s]
			ontime3	8268.7999692559	Sum of GTIs [s]
			ontime6	8268.7999692559	Sum of GTIs [s]
			ontime7	8268.7999692559	Sum of GTIs [s]
			l1events	963637	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	149720	152990	156694	154204	161580	188449	grade 0 events	39915	43963	40565	41066	42950	20941
rejected events	74989	72967	81785	78637	81610	73542		26%	28%	25%	26%	26%	11%
rejected %	50%	47%	52%	50%	50%	39%	grade 1 events	310	280	372	365	288	156
								0%	0%	0%	0%	0%	0%
							grade 2 events	13523	14307	13001	13290	13776	25162
								9%	9%	8%	8%	8%	13%
							grade 3 events	5195	4814	5164	5186	5143	10616
								3%	3%	3%	3%	3%	5%
							grade 4 events	4871	5078	5074	5120	5103	10560
								3%	3%	3%	3%	3%	5%
							grade 5 events	4133	4167	3911	4646	4591	11822
								2%	2%	2%	3%	2%	6%
							grade 6 events	11227	11861	11139	10905	13022	47628
								7%	7%	7%	7%	8%	25%
							grade 7 events	70546	68520	77468	73626	76707	61564
								47%	44%	49%	47%	47%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	295.0398073615331	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-44.00232787667652	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	322.4874922759069	[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)	365767344.599001	365767343.57399			
Observation start date	2009-08-04T10:02:25	2009-08-04T10:02:23			
[s] Observation end time (MET)	365791214.800197	365791213.77519			
Observation end date	2009-08-04T16:40:15	2009-08-04T16:40:13			
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)	2012.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2687999692559

A.2 Comments