

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62163 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 22 2012

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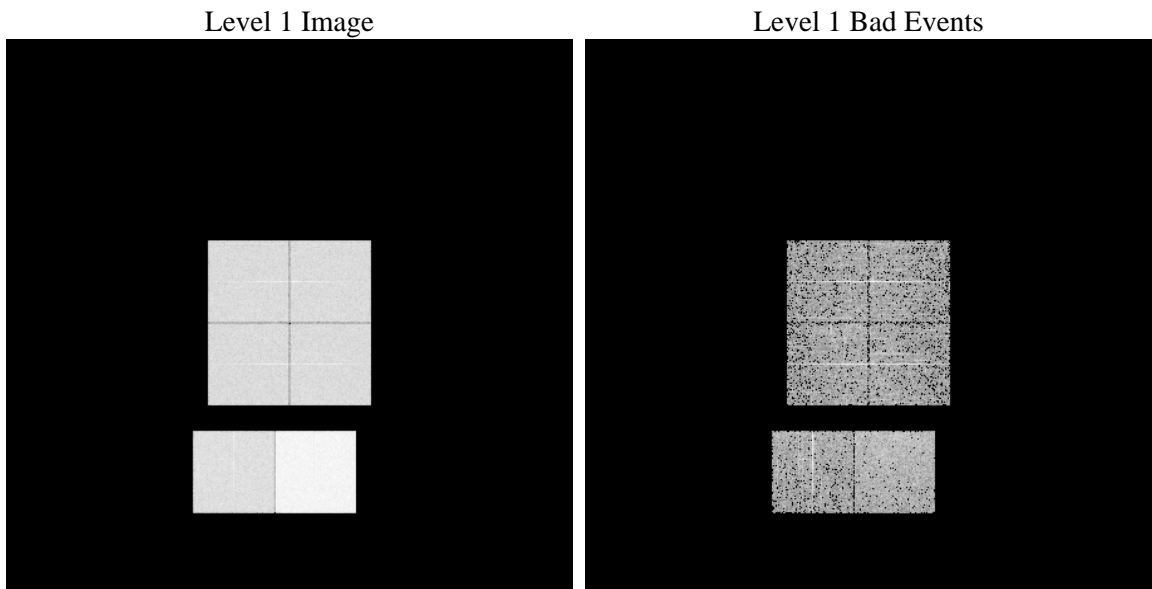
1 Front

seq_num	 	Sequence number
obs_id	62163	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	108.02979389191	Nominal RA [deg]
dec_nom	-25.010203177546	Nominal Dec [deg]
roll_nom	307.42448872779	Nominal Roll [deg]
revision	5	Processing version of data
ontime	3513.4376745373	Sum of GTIs [s]
livetime	3468.9484111641	Livetime [s]
ontime0	1435.0332588255	Sum of GTIs [s]
ontime1	1431.8332189769	Sum of GTIs [s]
ontime2	1393.8164530694	Sum of GTIs [s]
ontime3	1421.9870288372	Sum of GTIs [s]
ontime6	1558.3158287257	Sum of GTIs [s]
ontime7	3513.4376745373	Sum of GTIs [s]
l2events	933227	Number of level 2 events

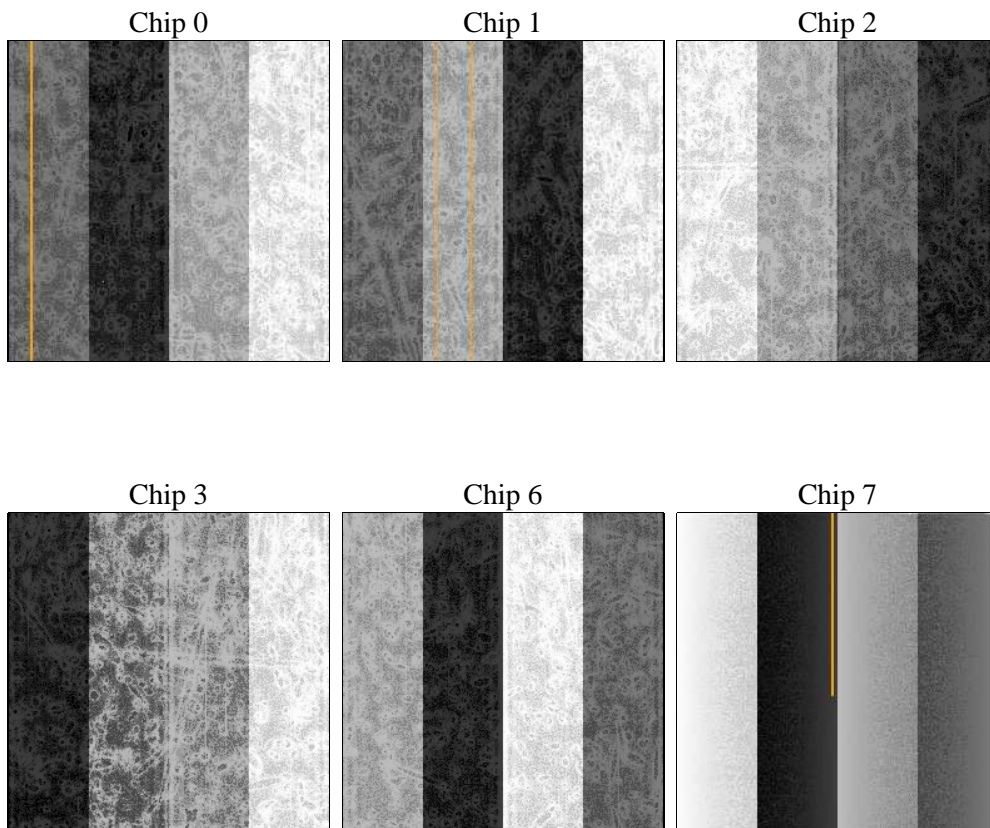
2 OBI

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	3513.4376745373	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	1435.0332588255	Sum of GTIs [s]
date	2012-08-22T19:44:50	Date and time of file creation	ontime1	1431.8332189769	Sum of GTIs [s]
revision	5	Processing version of data	ontime2	1393.8164530694	Sum of GTIs [s]
			ontime3	1421.9870288372	Sum of GTIs [s]
			ontime6	1558.3158287257	Sum of GTIs [s]
			ontime7	3513.4376745373	Sum of GTIs [s]
			l1events	1063152	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	139973	140143	138872	140822	160249	343093	grade 0 events	69764	69441	69550	70804	79451	84355
rejected events	13690	13750	14470	14077	15238	20101		49%	49%	50%	50%	49%	24%
rejected %	9%	9%	10%	9%	9%	5%	grade 1 events	442	412	393	453	491	223
								0%	0%	0%	0%	0%	0%
							grade 2 events	22069	22240	21740	22053	25096	71868
								15%	15%	15%	15%	15%	20%
							grade 3 events	8136	8113	7868	8165	8942	33341
								5%	5%	5%	5%	5%	9%
							grade 4 events	7829	8088	8100	7988	8771	33230
								5%	5%	5%	5%	5%	9%
							grade 5 events	1022	1006	922	1071	1192	4528
								0%	0%	0%	0%	0%	1%
							grade 6 events	18485	18511	17443	17735	22976	100470
								13%	13%	12%	12%	14%	29%
							grade 7 events	12226	12332	12856	12553	13330	15078
								8%	8%	9%	8%	8%	4%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	108.0297938919115	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-25.01020317754615	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	307.4244887277886			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	67147245.07700001	67147244.30857401			
Observation start date	2000-02-17T04:00:45	2000-02-17T04:00:44			
[s] Observation end time (MET)	67156875.977	67156875.20892499			
Observation end date	2000-02-17T06:41:16	2000-02-17T06:41:15			
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)	2012.08.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.5134376745373

A.2 Comments