

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55201 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 22 2012

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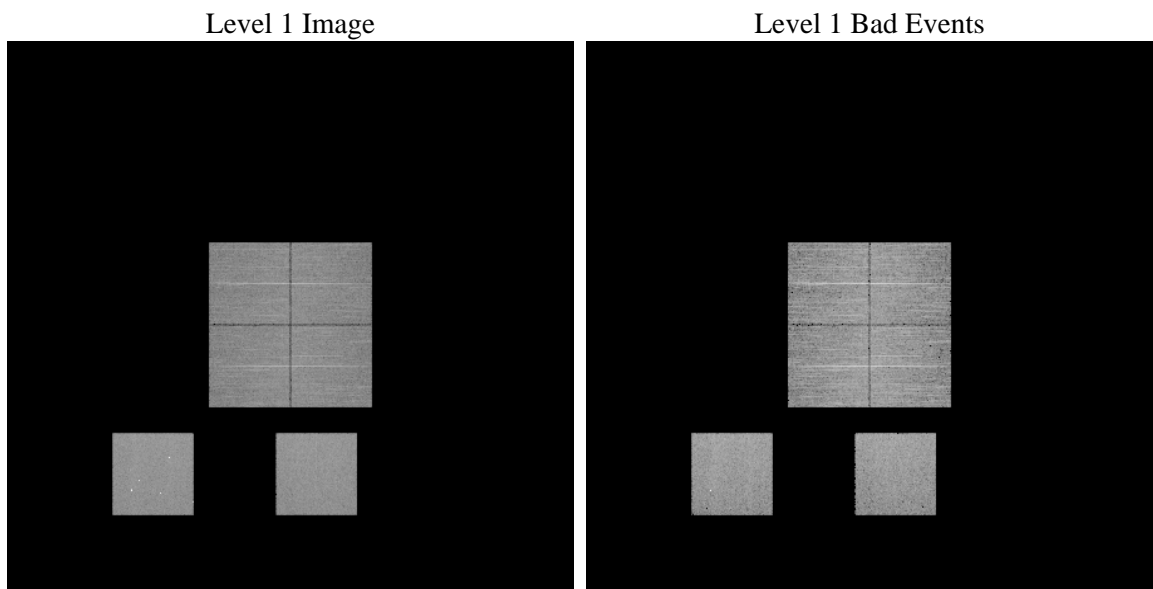
1 Front

seq_num	 	Sequence number
obs_id	55201	Observation id
title	ACIS-012357 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	355.57033575642	Nominal RA [deg]
dec_nom	17.4949432023	Nominal Dec [deg]
roll_nom	156.8478431253	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8284.7999691963	Sum of GTIs [s]
livetime	8179.8928434787	Livetime [s]
ontime0	8284.7999691963	Sum of GTIs [s]
ontime1	8284.7999691963	Sum of GTIs [s]
ontime2	8284.7999691963	Sum of GTIs [s]
ontime3	8284.7999691963	Sum of GTIs [s]
ontime5	8284.7999691963	Sum of GTIs [s]
ontime7	8284.7999691963	Sum of GTIs [s]
l2events	332643	Number of level 2 events

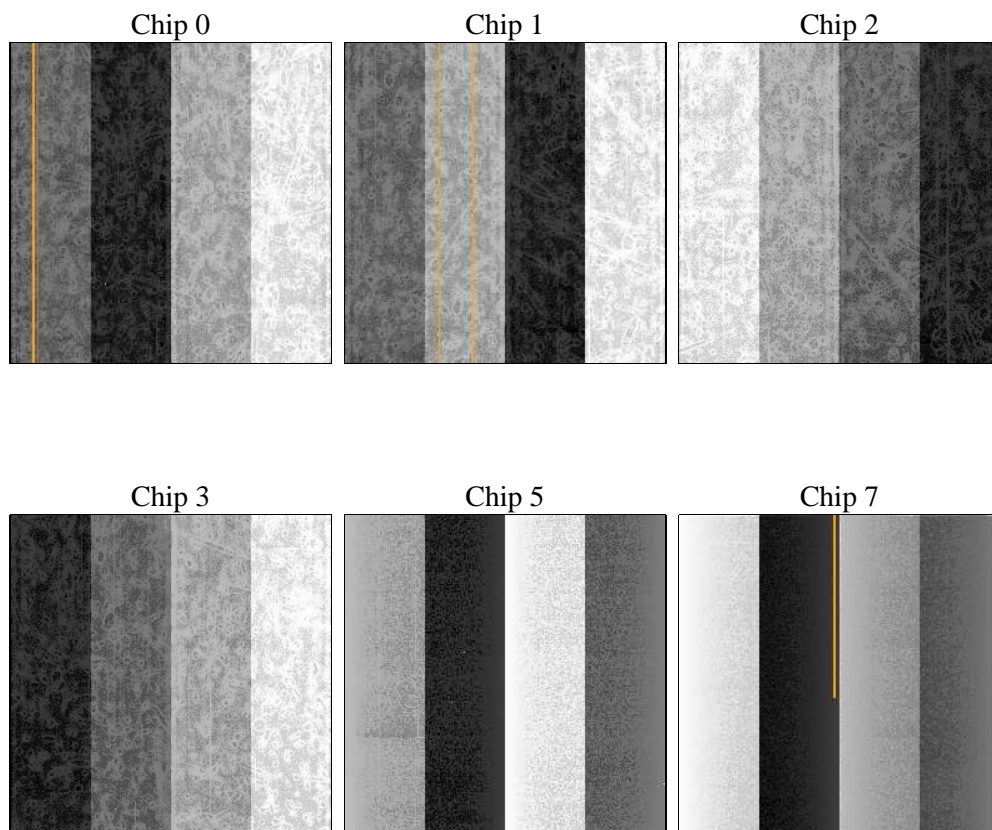
2 OBI

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	8.4.3	Processing system revision	ontime	8284.7999691963	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8284.7999691963	Sum of GTIs [s]
date	2012-02-22T08:57:41	Date and time of file creation	ontime1	8284.7999691963	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8284.7999691963	Sum of GTIs [s]
			ontime3	8284.7999691963	Sum of GTIs [s]
			ontime5	8284.7999691963	Sum of GTIs [s]
			ontime7	8284.7999691963	Sum of GTIs [s]
			l1events	702217	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	103378	102540	104307	107987	145866	138139	grade 0 events	24973	24305	25404	25819	12547	13325
rejected events	55816	55016	57001	60182	61412	59558		24%	23%	24%	23%	8%	9%
rejected %	53%	53%	54%	55%	42%	43%	grade 1 events	150	121	170	189	168	122
								0%	0%	0%	0%	0%	0%
							grade 2 events	8884	9282	8363	8528	29670	17178
								8%	9%	8%	7%	20%	12%
							grade 3 events	3326	3223	3247	3305	3422	7018
								3%	3%	3%	3%	2%	5%
							grade 4 events	3127	3100	3282	3201	3366	6973
								3%	3%	3%	2%	2%	5%
							grade 5 events	3486	3519	3171	3903	8018	9447
								3%	3%	3%	3%	5%	6%
							grade 6 events	7252	7614	7010	6952	35449	34087
								7%	7%	6%	6%	24%	24%
							grade 7 events	52180	51376	53660	56090	53226	49989
								50%	50%	51%	51%	36%	36%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	355.5703357564175	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	17.49494320229983	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	156.8478431252958	[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)	431801199.359437	431801198.33439			
Observation start date	2011-09-07T16:46:39	2011-09-07T16:46:38			
[s] Observation end time (MET)	431823089.260535	431823088.23553			
Observation end date	2011-09-07T22:51:29	2011-09-07T22:51:28			
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)	2012.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2847999691963

A.2 Comments