

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55362 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 12 2012

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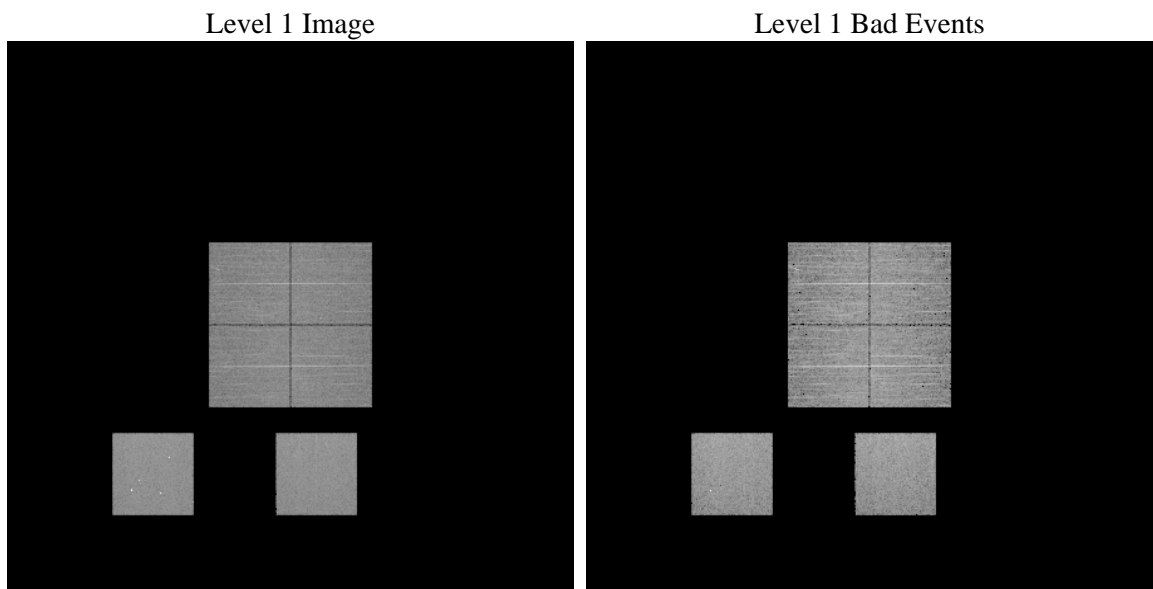
1 Front

seq_num	 	Sequence number
obs_id	55362	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	245.48092524929	Nominal RA [deg]
dec_nom	2.4802406472411	Nominal Dec [deg]
roll_nom	208.42506909409	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8287.9999691844	Sum of GTIs [s]
livetime	8183.0523231401	Livetime [s]
ontime0	8287.9915735126	Sum of GTIs [s]
ontime1	8287.9505335093	Sum of GTIs [s]
ontime2	8287.909493506	Sum of GTIs [s]
ontime3	8287.9999691844	Sum of GTIs [s]
ontime5	8287.8684535027	Sum of GTIs [s]
ontime7	8287.9999691844	Sum of GTIs [s]
l2events	341808	Number of level 2 events

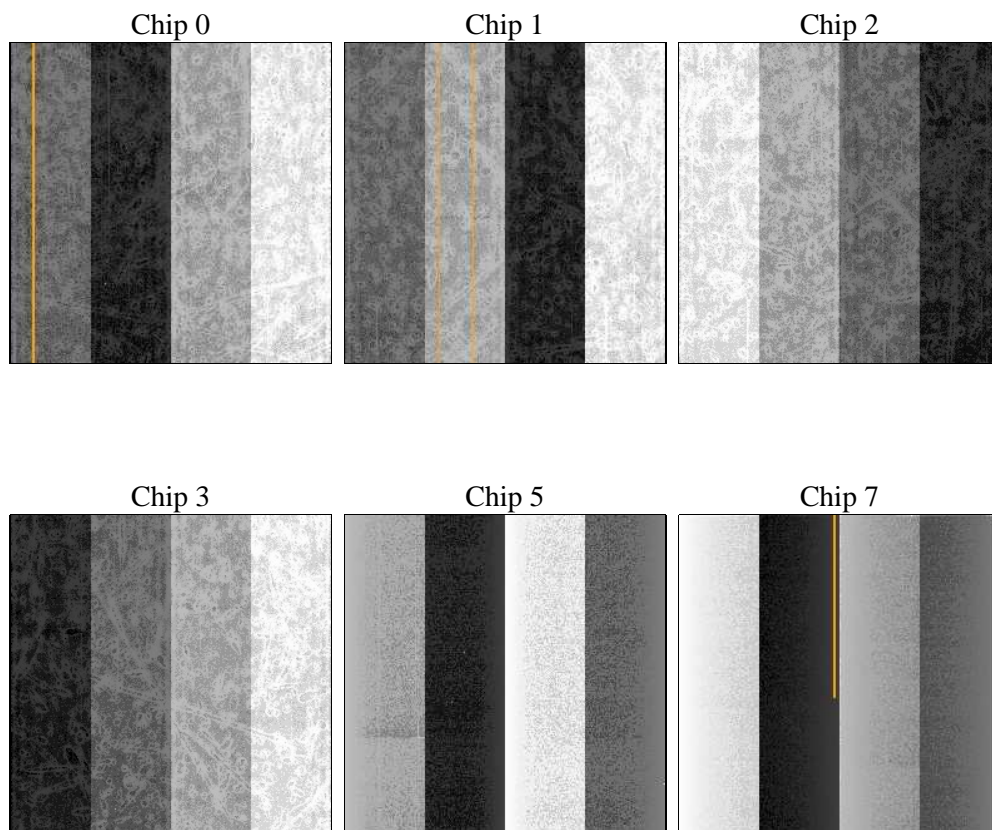
2 OBI

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	8287.9999691844	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	8287.9915735126	Sum of GTIs [s]
date	2012-02-12T11:58:44	Date and time of file creation	ontime1	8287.9505335093	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8287.909493506	Sum of GTIs [s]
			ontime3	8287.9999691844	Sum of GTIs [s]
			ontime5	8287.8684535027	Sum of GTIs [s]
			ontime7	8287.9999691844	Sum of GTIs [s]
			l1events	694189	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	102471	102454	102797	104968	143954	137545	grade 0 events	26230	25805	26747	26605	13508	13691
rejected events	52768	52276	53309	55278	59323	58349		25%	25%	26%	25%	9%	9%
rejected %	51%	51%	51%	52%	41%	42%	grade 1 events	154	134	192	174	202	103
								0%	0%	0%	0%	0%	0%
							grade 2 events	9088	9777	8717	8945	29324	17175
								8%	9%	8%	8%	20%	12%
							grade 3 events	3396	3238	3429	3477	3448	7206
								3%	3%	3%	3%	2%	5%
							grade 4 events	3283	3385	3378	3368	3437	6984
								3%	3%	3%	3%	2%	5%
							grade 5 events	3454	3527	3239	3704	7978	9066
								3%	3%	3%	3%	5%	6%
							grade 6 events	7720	7999	7237	7310	34948	34171
								7%	7%	7%	6%	24%	24%
							grade 7 events	49146	48589	49858	51385	51109	49149
								47%	47%	48%	48%	35%	35%

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	245.4809252492926	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	2.480240647241087	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	208.4250690940904	[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)	424260321.487417	424260320.46242			
Observation start date	2011-06-12T10:05:21	2011-06-12T10:05:20			
[s] Observation end time (MET)	424270268.087935	424270267.06293			
Observation end date	2011-06-12T12:51:08	2011-06-12T12:51:07			
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)	2012.02.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2879999691844

A.2 Comments