

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61012 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 15 2012

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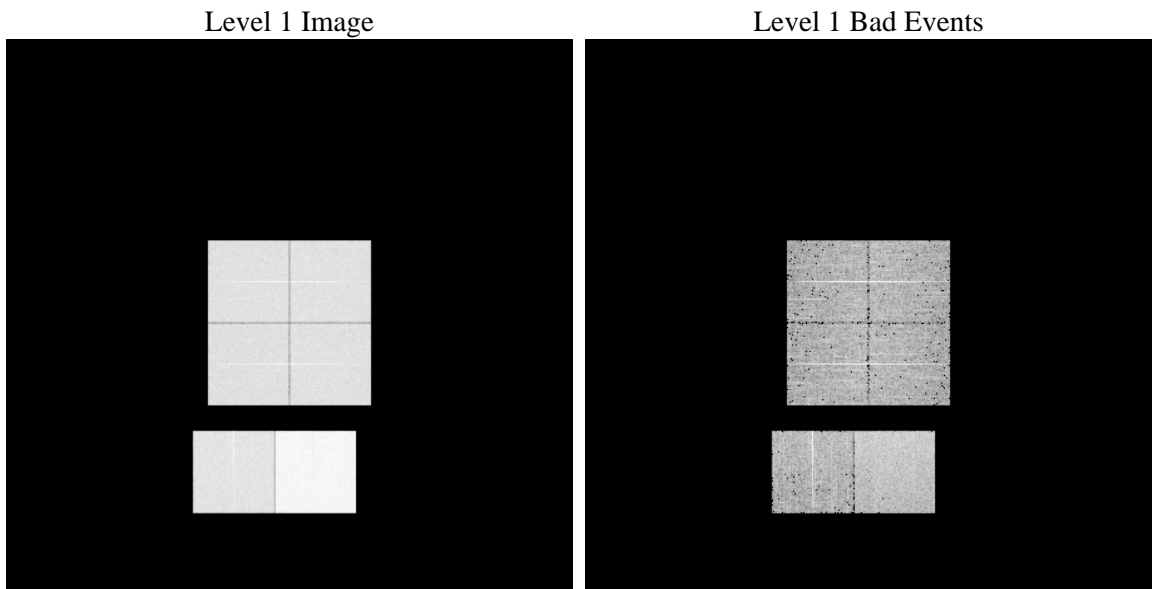
1 Front

seq_num	 	Sequence number
obs_id	61012	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	298.23083971706	Nominal RA [deg]
dec_nom	-44.818418384154	Nominal Dec [deg]
roll_nom	287.09311936699	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8431.5662379265	Sum of GTIs [s]
livetime	8324.8006693422	Livetime [s]
ontime0	4153.4421809018	Sum of GTIs [s]
ontime1	4171.2054667473	Sum of GTIs [s]
ontime2	3881.1145847738	Sum of GTIs [s]
ontime3	4025.3606797755	Sum of GTIs [s]
ontime6	4333.2540382445	Sum of GTIs [s]
ontime7	8431.5662379265	Sum of GTIs [s]
l2events	1299476	Number of level 2 events

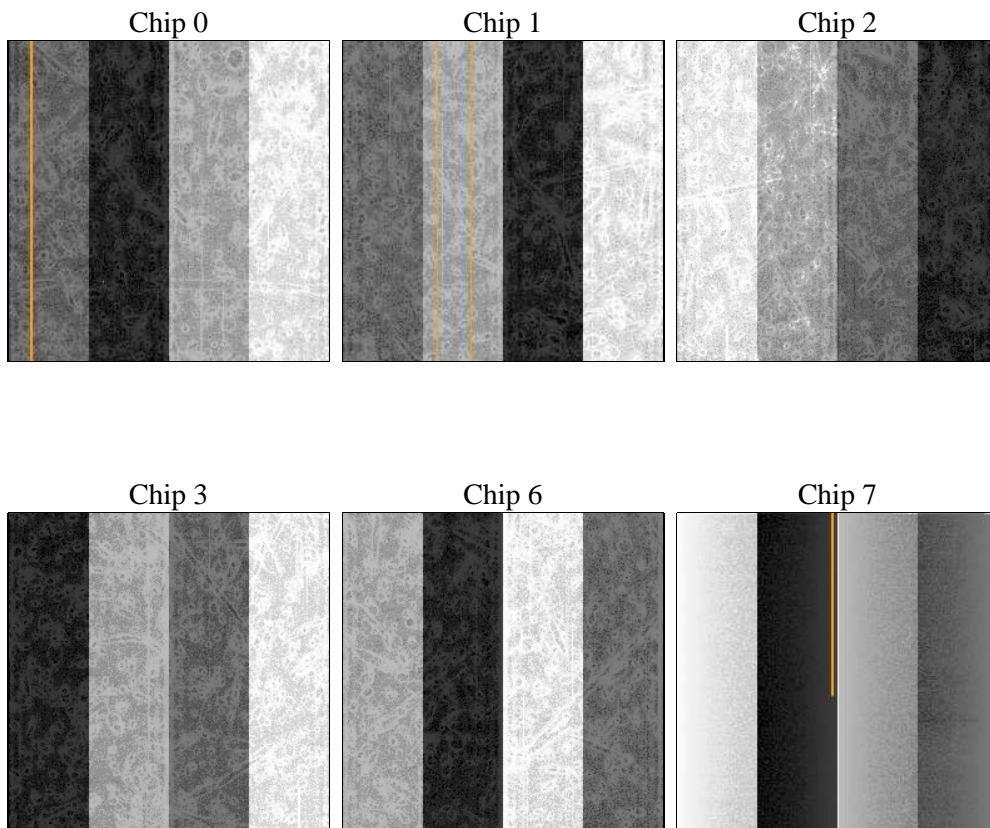
2 OBI

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	8431.5662379265	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	4153.4421809018	Sum of GTIs [s]
date	2012-10-15T11:37:53	Date and time of file creation	ontime1	4171.2054667473	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3881.1145847738	Sum of GTIs [s]
			ontime3	4025.3606797755	Sum of GTIs [s]
			ontime6	4333.2540382445	Sum of GTIs [s]
			ontime7	8431.5662379265	Sum of GTIs [s]
			l1events	1552987	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	218022	220160	209018	215513	239265	451009	grade 0 events	105395	105392	101489	105379	114208	101051
rejected events	28290	29745	29670	28747	31601	47432		48%	47%	48%	48%	47%	22%
rejected %	12%	13%	14%	13%	13%	10%	grade 1 events	569	490	626	581	539	280
								0%	0%	0%	0%	0%	0%
							grade 2 events	33138	33651	30091	31760	35802	89891
								15%	15%	14%	14%	14%	19%
							grade 3 events	12360	12287	11817	12206	12830	40674
								5%	5%	5%	5%	5%	9%
							grade 4 events	12227	11899	11645	12436	12911	40267
								5%	5%	5%	5%	5%	8%
							grade 5 events	1916	1946	1768	1986	2236	8935
								0%	0%	0%	0%	0%	1%
							grade 6 events	27208	27952	25051	25706	32885	133211
								12%	12%	11%	11%	13%	29%
							grade 7 events	25209	26543	26531	25459	27854	36700
								11%	12%	12%	11%	11%	8%

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	298.2308397170584	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-44.81841838415448	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	287.0931193669946			
[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)	149898967.214604	149898966.18987			
Observation start date	2002-10-01T22:36:07	2002-10-01T22:36:06			
[s] Observation end time (MET)	149922814.865593	149922813.84086			
Observation end date	2002-10-02T05:13:35	2002-10-02T05:13:33			
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)	2012.10.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4315662379265

A.2 Comments