

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60463 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 8 2012

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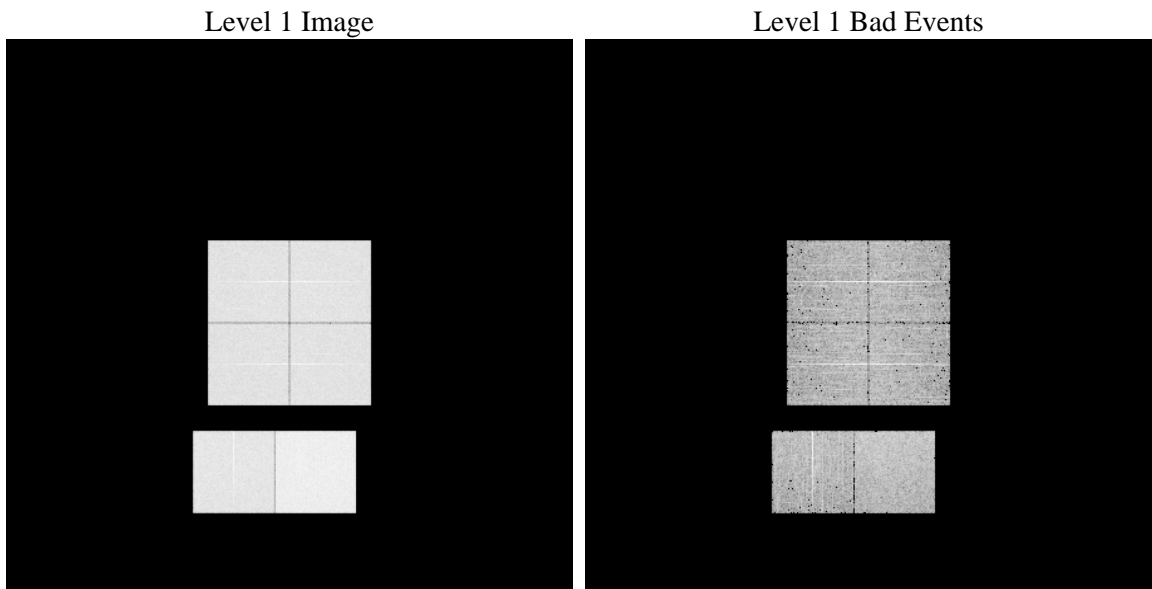
1 Front

seq_num	 	Sequence number
obs_id	60463	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	89.020553862101	Nominal RA [deg]
dec_nom	-37.976401799941	Nominal Dec [deg]
roll_nom	22.641779243838	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8450.7656427622	Sum of GTIs [s]
livetime	8343.7569597534	Livetime [s]
ontime0	5883.8742492795	Sum of GTIs [s]
ontime1	5982.9174393117	Sum of GTIs [s]
ontime2	5585.6220964789	Sum of GTIs [s]
ontime3	5741.3532685935	Sum of GTIs [s]
ontime6	6157.9298235178	Sum of GTIs [s]
ontime7	8450.7656427622	Sum of GTIs [s]
l2events	1270131	Number of level 2 events

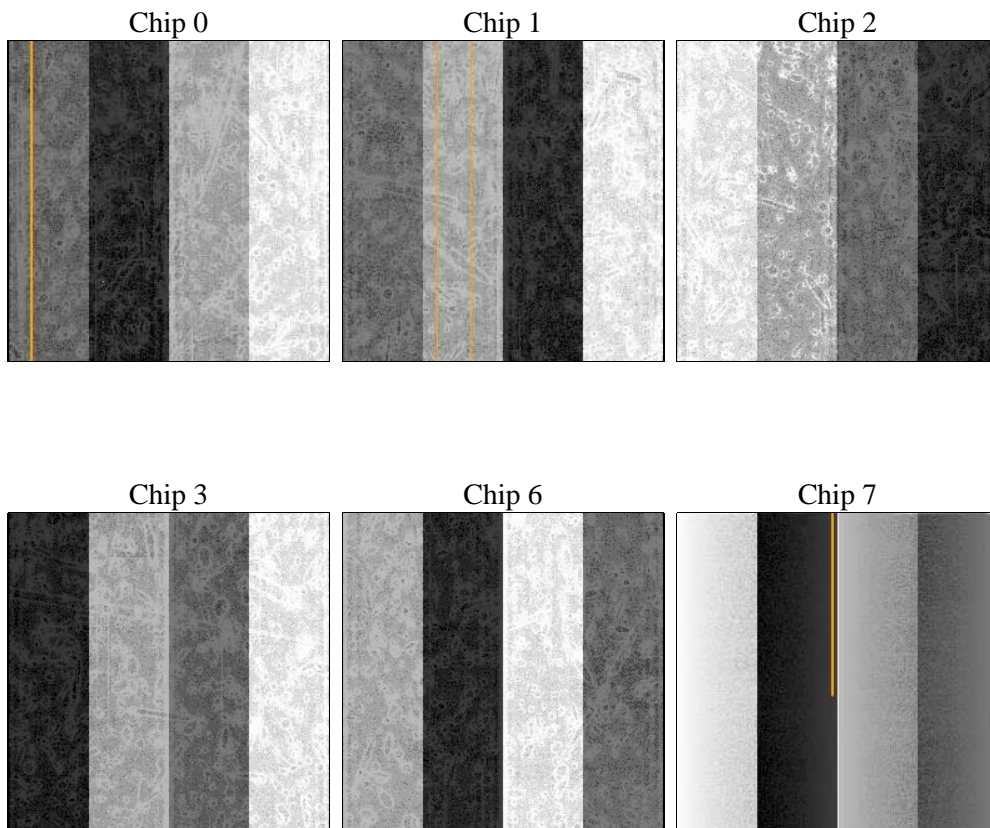
2 OBI

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	8450.7656427622	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	5883.8742492795	Sum of GTIs [s]
date	2012-11-08T13:14:53	Date and time of file creation	ontime1	5982.9174393117	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5585.6220964789	Sum of GTIs [s]
			ontime3	5741.3532685935	Sum of GTIs [s]
			ontime6	6157.9298235178	Sum of GTIs [s]
			ontime7	8450.7656427622	Sum of GTIs [s]
			l1events	1538415	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	233299	239324	227929	233503	258558	345802	grade 0 events	112115	114042	109865	112693	121554	75984
rejected events	31400	32703	33161	33238	35918	41207		48%	47%	48%	48%	47%	21%
rejected %	13%	13%	14%	14%	13%	11%	grade 1 events	541	506	520	595	521	196
								0%	0%	0%	0%	0%	0%
							grade 2 events	35355	36577	33091	34322	38441	66963
								15%	15%	14%	14%	14%	19%
							grade 3 events	12802	12970	12693	12900	13872	30875
								5%	5%	5%	5%	5%	8%
							grade 4 events	12994	13058	12603	13226	14026	30348
								5%	5%	5%	5%	5%	8%
							grade 5 events	2275	2280	2080	2360	2632	7769
								0%	0%	0%	1%	1%	2%
							grade 6 events	29116	30421	27016	27687	35340	101163
								12%	12%	11%	11%	13%	29%
							grade 7 events	28101	29470	30061	29720	32172	32504
								12%	12%	13%	12%	12%	9%

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	89.02055386210115	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-37.97640179994114	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	22.64177924383841			
[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)	186685097.421487	186685096.39678			
Observation start date	2003-12-01T16:58:17	2003-12-01T16:58:16			
[s] Observation end time (MET)	186707600.272462	186707599.24776			
Observation end date	2003-12-01T23:13:20	2003-12-01T23:13:19			
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)	2012.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4507656427622

A.2 Comments