

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61319 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 2 2012

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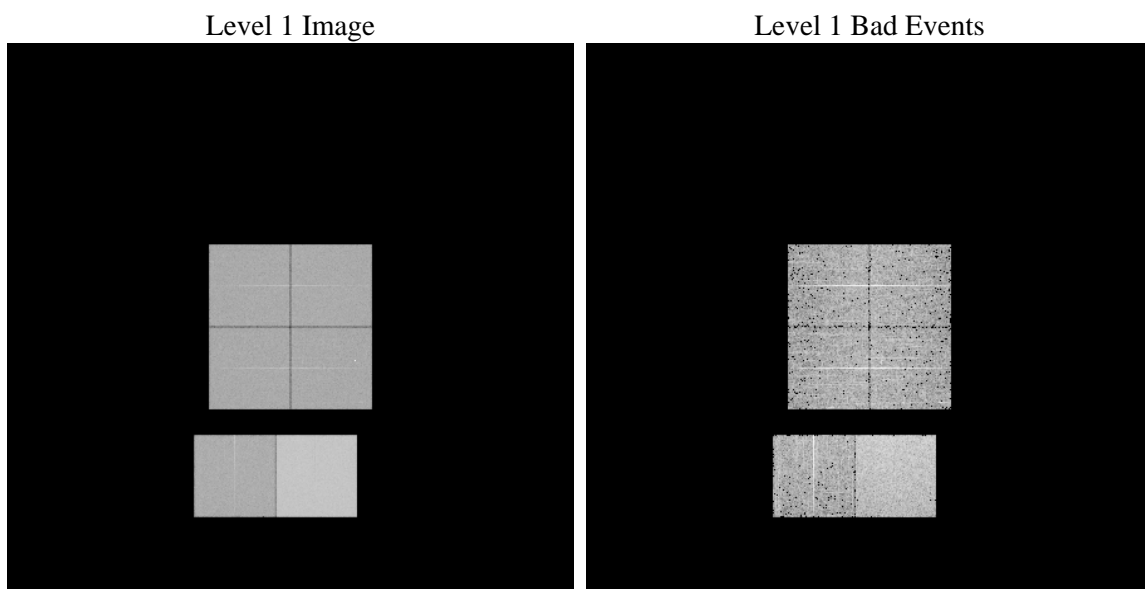
1 Front

seq_num	 	Sequence number
obs_id	61319	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	285.35037570235	Nominal RA [deg]
dec_nom	71.217499425471	Nominal Dec [deg]
roll_nom	32.693267715058	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8297.6000077128	Sum of GTIs [s]
livetime	8192.5308002003	Livetime [s]
ontime0	3317.4395998865	Sum of GTIs [s]
ontime1	3388.7832806706	Sum of GTIs [s]
ontime2	3207.3270579278	Sum of GTIs [s]
ontime3	3184.4757972956	Sum of GTIs [s]
ontime6	3486.0959126502	Sum of GTIs [s]
ontime7	8297.6000077128	Sum of GTIs [s]
l2events	1316368	Number of level 2 events

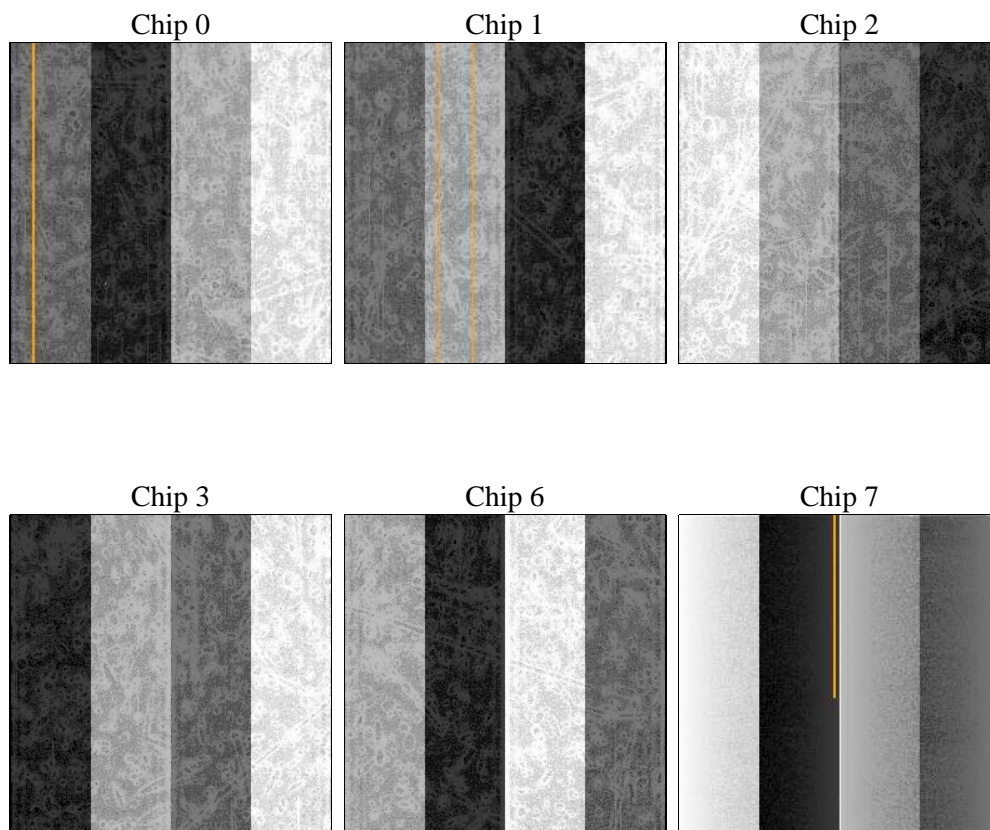
2 OBI

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	8297.6000077128	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3317.4395998865	Sum of GTIs [s]
date	2012-10-02T07:11:34	Date and time of file creation	ontime1	3388.7832806706	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3207.3270579278	Sum of GTIs [s]
			ontime3	3184.4757972956	Sum of GTIs [s]
			ontime6	3486.0959126502	Sum of GTIs [s]
			ontime7	8297.6000077128	Sum of GTIs [s]
			l1events	1534666	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	200455	205861	198654	198172	222188	509336	grade 0 events	98269	101092	97369	97666	107561	118401
rejected events	22483	22931	23614	24225	25200	43224		49%	49%	49%	49%	48%	23%
rejected %	11%	11%	11%	12%	11%	8%	grade 1 events	471	482	469	529	494	282
								0%	0%	0%	0%	0%	0%
							grade 2 events	31450	32264	30885	30405	34130	102921
								15%	15%	15%	15%	15%	20%
							grade 3 events	11232	11614	10932	11049	12123	47462
								5%	5%	5%	5%	5%	9%
							grade 4 events	11175	11896	10753	10832	12139	47251
								5%	5%	5%	5%	5%	9%
							grade 5 events	1611	1780	1701	1737	1962	8777
								0%	0%	0%	0%	0%	1%
							grade 6 events	25846	26355	25101	24112	31035	150077
								12%	12%	12%	12%	13%	29%
							grade 7 events	20401	20378	21444	21842	22744	34165
								10%	9%	10%	11%	10%	6%

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	285.3503757023507	Alternating exposures requested	N	N
[deg] Pointing Dec	0	71.21749942547083	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	32.6932677150575			
[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)	129336113.117799	129336112.34935			
Observation start date	2002-02-05T22:41:53	2002-02-05T22:41:52			
[s] Observation end time (MET)	129357422.868668	129357422.10021			
Observation end date	2002-02-06T04:37:03	2002-02-06T04:37:02			
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)	2012.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2976000077128

A.2 Comments