

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60503 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 5 2012

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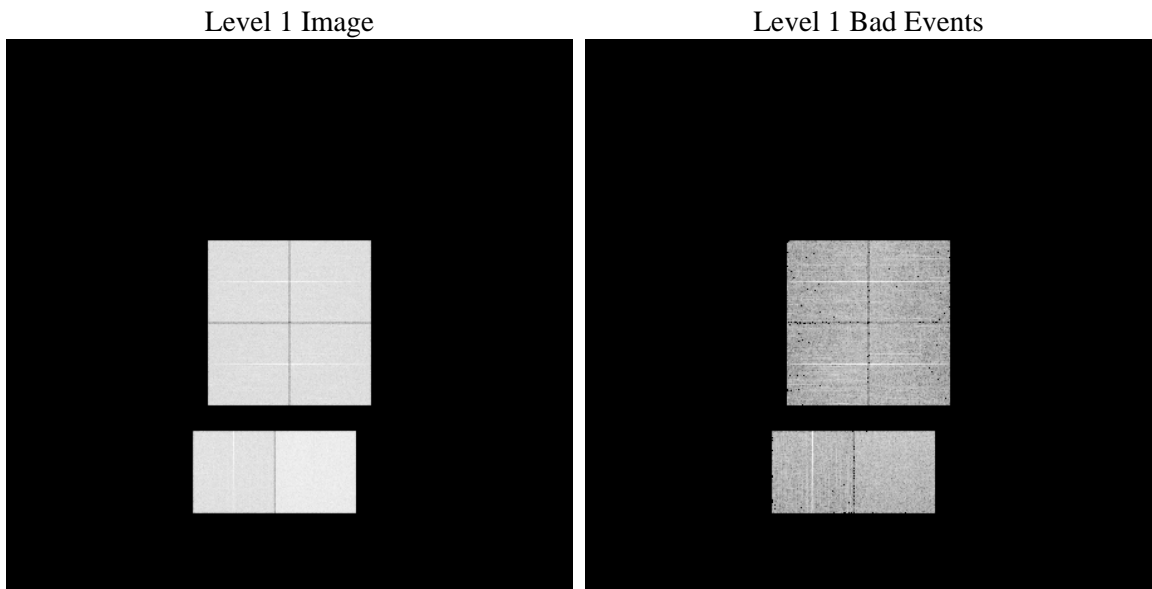
1 Front

seq_num	 	Sequence number
obs_id	60503	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	47.966591014057	Nominal RA [deg]
dec_nom	34.007200090817	Nominal Dec [deg]
roll_nom	132.56603612589	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8463.9999684691	Sum of GTIs [s]
livetime	8356.8237044595	Livetime [s]
ontime0	5540.6389202476	Sum of GTIs [s]
ontime1	5615.181275785	Sum of GTIs [s]
ontime2	5229.5047352314	Sum of GTIs [s]
ontime3	5430.4449922442	Sum of GTIs [s]
ontime6	5890.6651646793	Sum of GTIs [s]
ontime7	8463.9999684691	Sum of GTIs [s]
l2events	1242247	Number of level 2 events

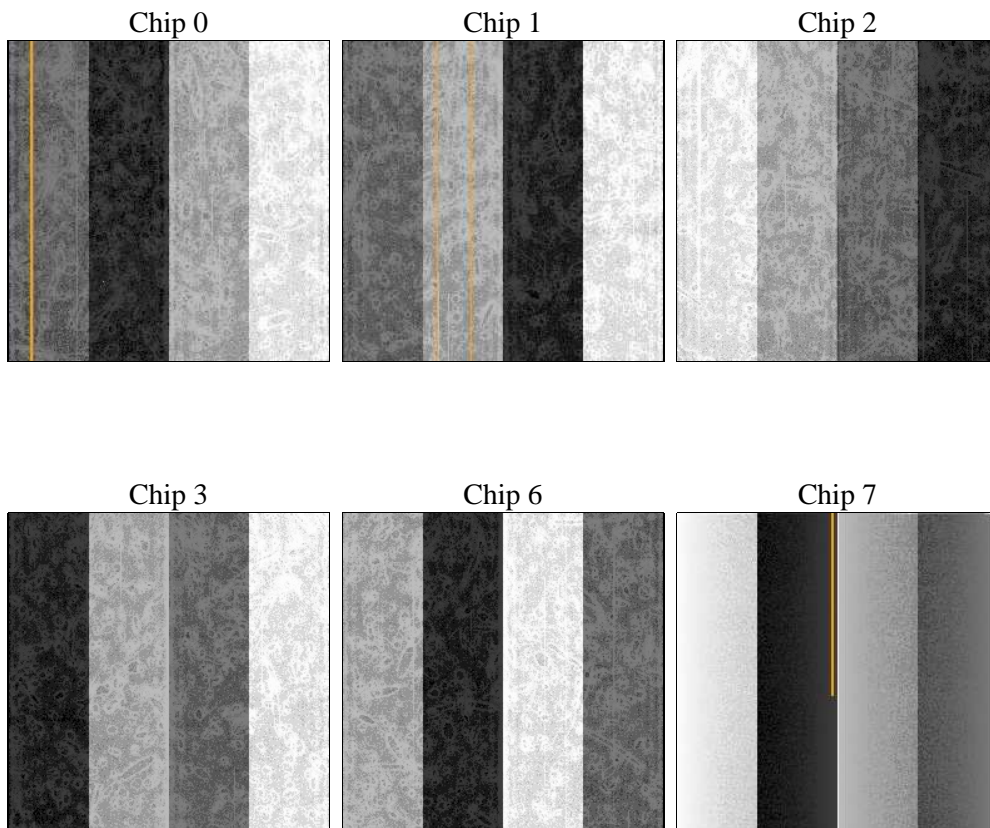
2 OBI

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	8463.9999684691	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	5540.6389202476	Sum of GTIs [s]
date	2012-11-05T23:19:00	Date and time of file creation	ontime1	5615.181275785	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5229.5047352314	Sum of GTIs [s]
			ontime3	5430.4449922442	Sum of GTIs [s]
			ontime6	5890.6651646793	Sum of GTIs [s]
			ontime7	8463.9999684691	Sum of GTIs [s]
			l1events	1538179	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	230940	233808	224090	230324	256030	362987	grade 0 events	108012	108108	105365	109412	116704	77005
rejected events	36452	36646	38614	37386	41151	46824		46%	46%	47%	47%	45%	21%
rejected %	15%	15%	17%	16%	16%	12%	grade 1 events	600	485	647	652	536	231
								0%	0%	0%	0%	0%	0%
							grade 2 events	33147	35616	30402	32045	37267	69378
								14%	15%	13%	13%	14%	19%
							grade 3 events	12575	12348	11967	12429	13111	31485
								5%	5%	5%	5%	5%	8%
							grade 4 events	12497	12361	11826	12511	13040	31194
								5%	5%	5%	5%	5%	8%
							grade 5 events	2420	2499	2280	2487	2709	8602
								1%	1%	1%	1%	1%	2%
							grade 6 events	28257	28729	25916	26541	34757	107101
								12%	12%	11%	11%	13%	29%
							grade 7 events	33432	33662	35687	34247	37906	37991
								14%	14%	15%	14%	14%	10%

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	47.96659101405692	Alternating exposures requested	N	N
[deg] Pointing Dec	0	34.0072000908168	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	132.5660361258911			
[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)	183024291.313175	183024290.28844			
Observation start date	2003-10-20T08:04:51	2003-10-20T08:04:50			
[s] Observation end time (MET)	183048015.964196	183048014.93947			
Observation end date	2003-10-20T14:40:16	2003-10-20T14:40:14			
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)	2012.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4639999684691

A.2 Comments