

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60481 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 8 2012

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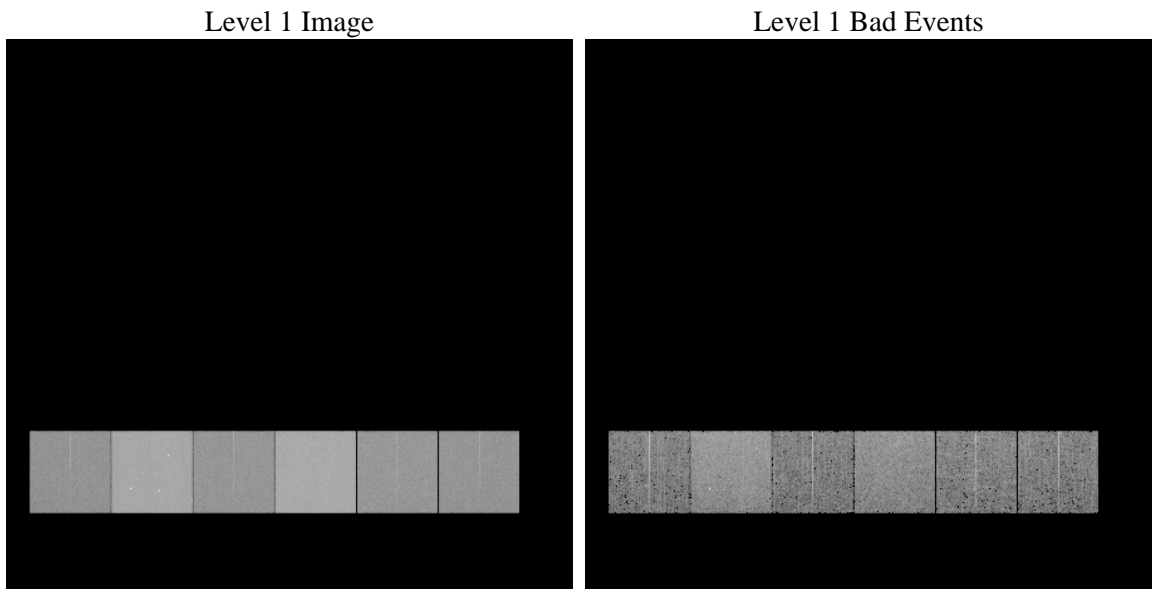
1 Front

seq_num	 	Sequence number
obs_id	60481	Observation id
title	ACIS-456789 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	295.01926981552	Nominal RA [deg]
dec_nom	-50.025806595691	Nominal Dec [deg]
roll_nom	262.74920675965	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8182.2416844666	Sum of GTIs [s]
livetime	8078.6332135034	Livetime [s]
ontime4	3678.5687121153	Sum of GTIs [s]
ontime5	8422.0723361671	Sum of GTIs [s]
ontime6	3930.0801226795	Sum of GTIs [s]
ontime7	8182.2416844666	Sum of GTIs [s]
ontime8	4023.9866478741	Sum of GTIs [s]
ontime9	3816.6503166556	Sum of GTIs [s]
l2events	1271157	Number of level 2 events

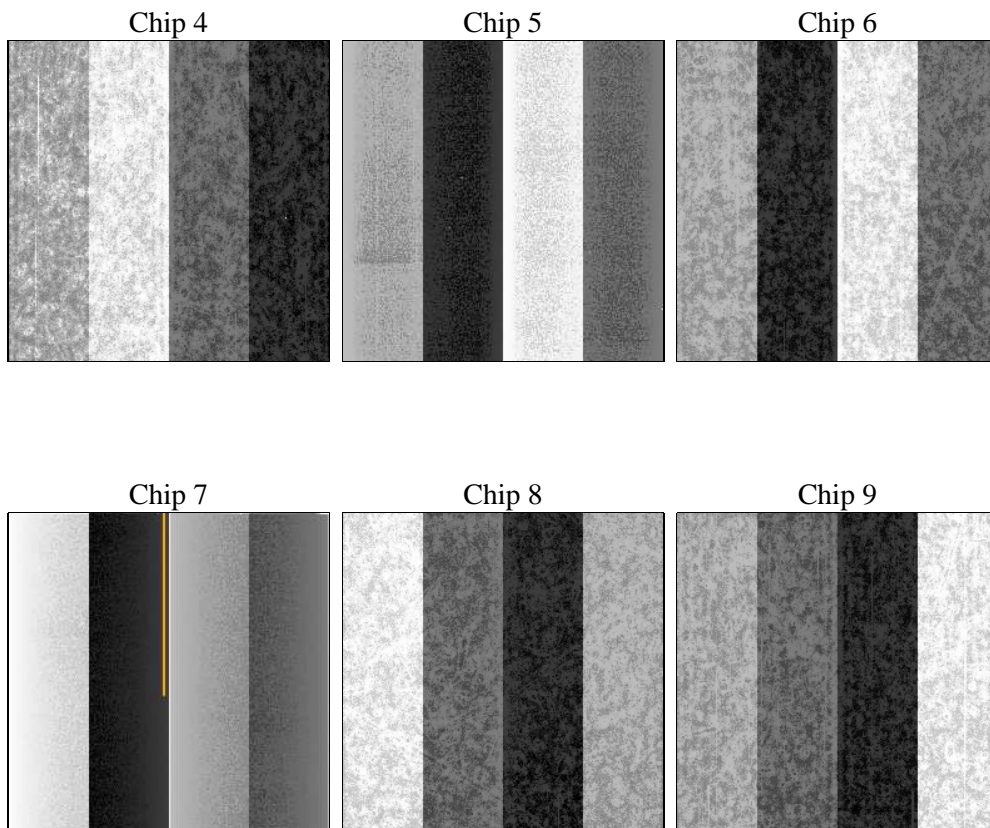
2 OBI

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	8182.2416844666	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	3678.5687121153	Sum of GTIs [s]
date	2012-11-08T06:21:41	Date and time of file creation	ontime5	8422.0723361671	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3930.0801226795	Sum of GTIs [s]
			ontime7	8182.2416844666	Sum of GTIs [s]
			ontime8	4023.9866478741	Sum of GTIs [s]
			ontime9	3816.6503166556	Sum of GTIs [s]
			l1events	1541721	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	176343	375277	197611	395815	208434	188241	grade 0 events	84201	72097	90919	90660	96064	86928
rejected events	28086	53080	27423	41126	30535	27630		47%	19%	46%	22%	46%	46%
rejected %	15%	14%	13%	10%	14%	14%	grade 1 events	723	262	514	262	491	547
								0%	0%	0%	0%	0%	0%
							grade 2 events	23608	120744	28895	76920	30477	27097
								13%	32%	14%	19%	14%	14%
							grade 3 events	9872	18162	10417	33589	11139	10024
								5%	4%	5%	8%	5%	5%
							grade 4 events	9848	17992	10433	33307	11130	10208
								5%	4%	5%	8%	5%	5%
							grade 5 events	1736	9070	1910	7566	2248	1916
								0%	2%	0%	1%	1%	1%
							grade 6 events	20728	93202	29524	120213	29089	26354
								11%	24%	14%	30%	13%	14%
							grade 7 events	25627	43748	24999	33298	27796	25167
								14%	11%	12%	8%	13%	13%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	295.0192698155188
[deg] Pointing Dec	0	-50.02580659569079
[deg] Pointing Roll	0.0	262.7492067596546
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	185315769.11216	185315768.08743
Observation start date	2003-11-15T20:36:09	2003-11-15T20:36:08
[s] Observation end time (MET)	185337078.863085	185337077.83836
Observation end date	2003-11-16T02:31:19	2003-11-16T02:31:17
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1822416844666

A.2 Comments