

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60289 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 30 2012

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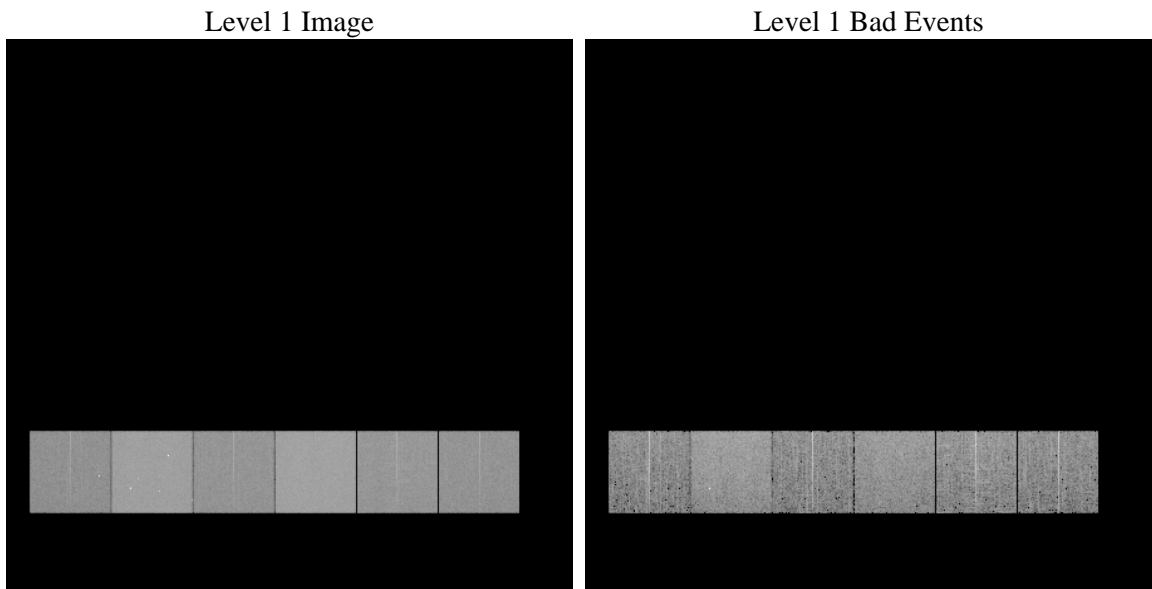
1 Front

seq_num	 	Sequence number
obs_id	60289	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	193.0298651449	Nominal RA [deg]
dec_nom	-20.993446048087	Nominal Dec [deg]
roll_nom	340.30583870241	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7800.4570493698	Sum of GTIs [s]
livetime	7701.6829653394	Livetime [s]
ontime4	4439.4451588094	Sum of GTIs [s]
ontime5	7800.4160093665	Sum of GTIs [s]
ontime6	4880.9774514735	Sum of GTIs [s]
ontime7	7800.4570493698	Sum of GTIs [s]
ontime8	5111.0866092741	Sum of GTIs [s]
ontime9	4770.1891927719	Sum of GTIs [s]
l2events	1101771	Number of level 2 events

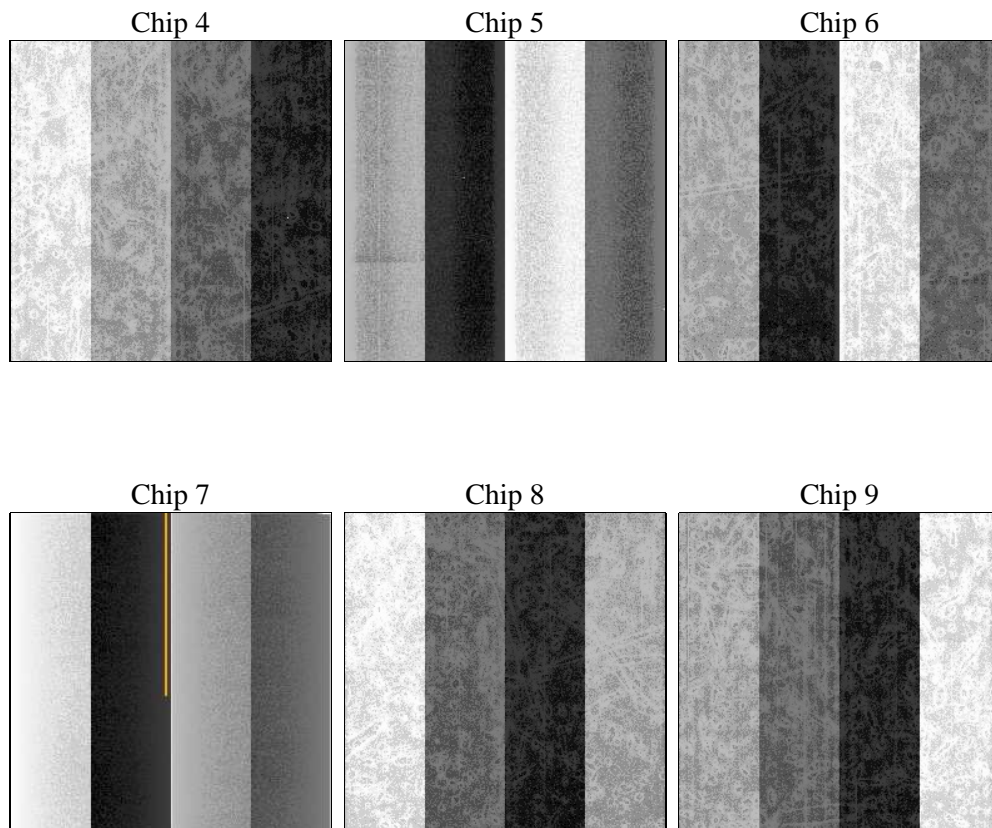
2 OBI

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	7800.4570493698	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	4439.4451588094	Sum of GTIs [s]
date	2012-11-29T21:53:33	Date and time of file creation	ontime5	7800.4160093665	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4880.9774514735	Sum of GTIs [s]
			ontime7	7800.4570493698	Sum of GTIs [s]
			ontime8	5111.0866092741	Sum of GTIs [s]
			ontime9	4770.1891927719	Sum of GTIs [s]
			l1events	1416082	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	176740	300940	202515	321104	220824	193959	grade 0 events	82162	57500	90189	67653	96965	86539
rejected events	35361	54029	36347	45898	42502	36549		46%	19%	44%	21%	43%	44%
rejected %	20%	17%	17%	14%	19%	18%	grade 1 events	595	426	459	192	491	519
								0%	0%	0%	0%	0%	0%
							grade 2 events	22609	87807	28609	60844	31185	26872
								12%	29%	14%	18%	14%	13%
							grade 3 events	9336	15210	10138	27358	11480	10014
								5%	5%	5%	8%	5%	5%
							grade 4 events	9137	14594	10339	27090	11554	9991
								5%	4%	5%	8%	5%	5%
							grade 5 events	2162	8872	2353	8466	3004	2621
								1%	2%	1%	2%	1%	1%
							grade 6 events	18135	71800	26893	92261	27138	23994
								10%	23%	13%	28%	12%	12%
							grade 7 events	32604	44731	33535	37240	39007	33409
								18%	14%	16%	11%	17%	17%

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	193.0298651449006
[deg] Pointing Dec	0	-20.99344604808723
[deg] Pointing Roll	0.0	340.3058387024108
[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)	197842563.209139	197842562.18417
Observation start date	2004-04-08T20:16:03	2004-04-08T20:16:02
[s] Observation end time (MET)	197856378.159746	197856377.13478
Observation end date	2004-04-09T00:06:18	2004-04-09T00:06:17
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)	2012.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8004570493698

A.2 Comments