

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59709 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 21 2012

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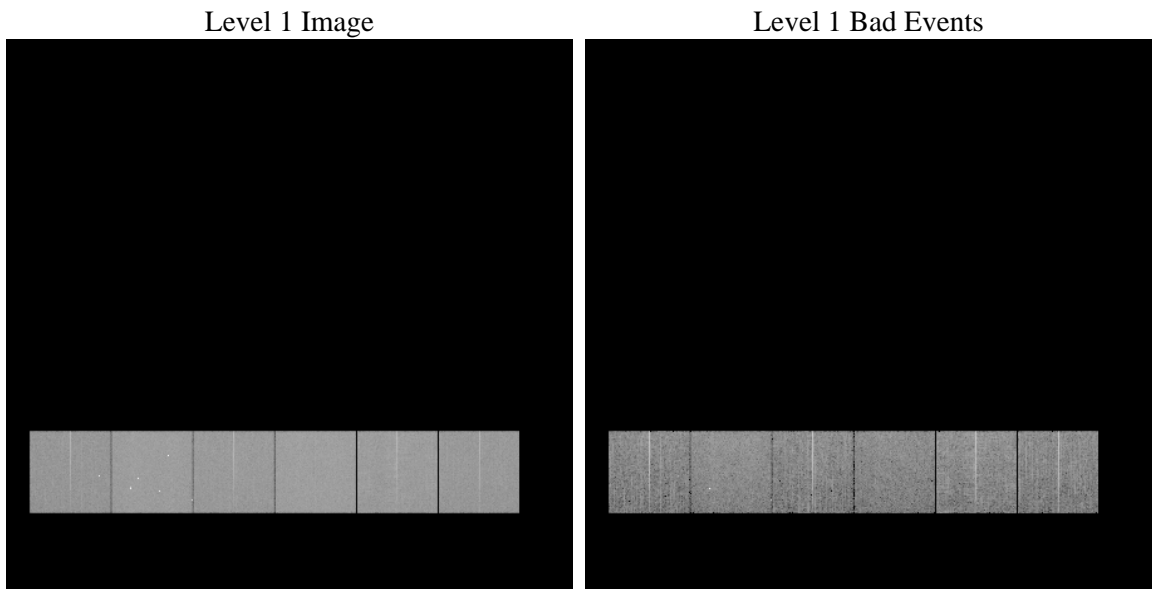
1 Front

seq_num	 	Sequence number
obs_id	59709	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	183.79680829081	Nominal RA [deg]
dec_nom	-0.9273862934057	Nominal Dec [deg]
roll_nom	242.86329745774	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8280.6673329771	Sum of GTIs [s]
livetime	8175.8125371876	Livetime [s]
ontime4	6650.334937036	Sum of GTIs [s]
ontime5	8280.6262929738	Sum of GTIs [s]
ontime6	7347.367559582	Sum of GTIs [s]
ontime7	8280.6673329771	Sum of GTIs [s]
ontime8	7437.8507845402	Sum of GTIs [s]
ontime9	7032.9927538633	Sum of GTIs [s]
l2events	1077522	Number of level 2 events

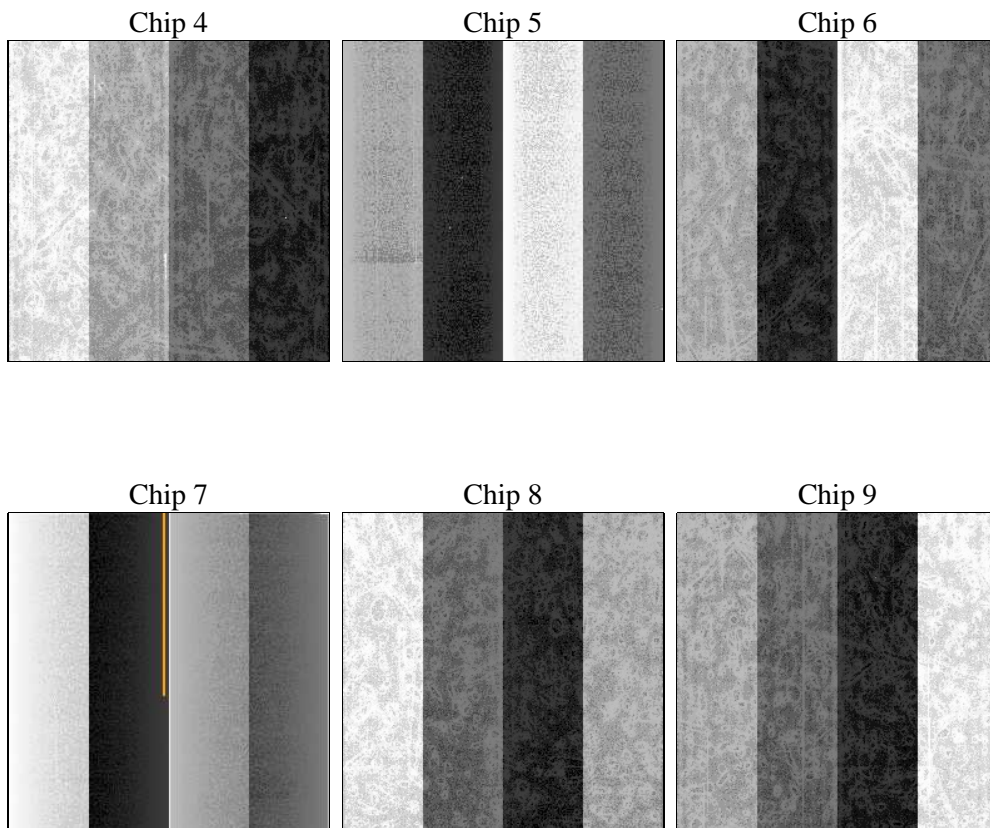
2 OBI

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	8.5.1.1	Processing system revision	ontime	8280.6673329771	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	6650.334937036	Sum of GTIs [s]
date	2012-12-22T02:04:05	Date and time of file creation	ontime5	8280.6262929738	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7347.367559582	Sum of GTIs [s]
			ontime7	8280.6673329771	Sum of GTIs [s]
			ontime8	7437.8507845402	Sum of GTIs [s]
			ontime9	7032.9927538633	Sum of GTIs [s]
			l1events	1491287	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	212548	270424	242636	278271	259589	227819	grade 0 events	93677	43127	102120	53631	106349	95790
rejected events	53404	60722	54808	51101	62443	54230		44%	15%	42%	19%	40%	42%
rejected %	25%	22%	22%	18%	24%	23%	grade 1 events	718	280	505	172	554	563
								0%	0%	0%	0%	0%	0%
							grade 2 events	24103	79258	32408	49819	34731	29058
								11%	29%	13%	17%	13%	12%
							grade 3 events	10726	10766	11611	22668	12975	11285
								5%	3%	4%	8%	4%	4%
							grade 4 events	10584	10439	11431	22254	12826	11221
								4%	3%	4%	7%	4%	4%
							grade 5 events	3121	9263	3462	8902	4260	3625
								1%	3%	1%	3%	1%	1%
							grade 6 events	20054	66112	30258	78798	30265	26235
								9%	24%	12%	28%	11%	11%
							grade 7 events	49565	51179	50841	42027	57629	50042
								23%	18%	20%	15%	22%	21%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	183.7968082908057	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-0.927386293405704	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	242.8632974577429			
[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)	228947476.999964	228947475.97497			
Observation start date	2005-04-03T20:31:17	2005-04-03T20:31:15			
[s] Observation end time (MET)	228970822.401023	228970821.37604			
Observation end date	2005-04-04T03:00:22	2005-04-04T03:00:21			
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)	2013.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2806673329771

A.2 Comments