

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57377 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 29 2012

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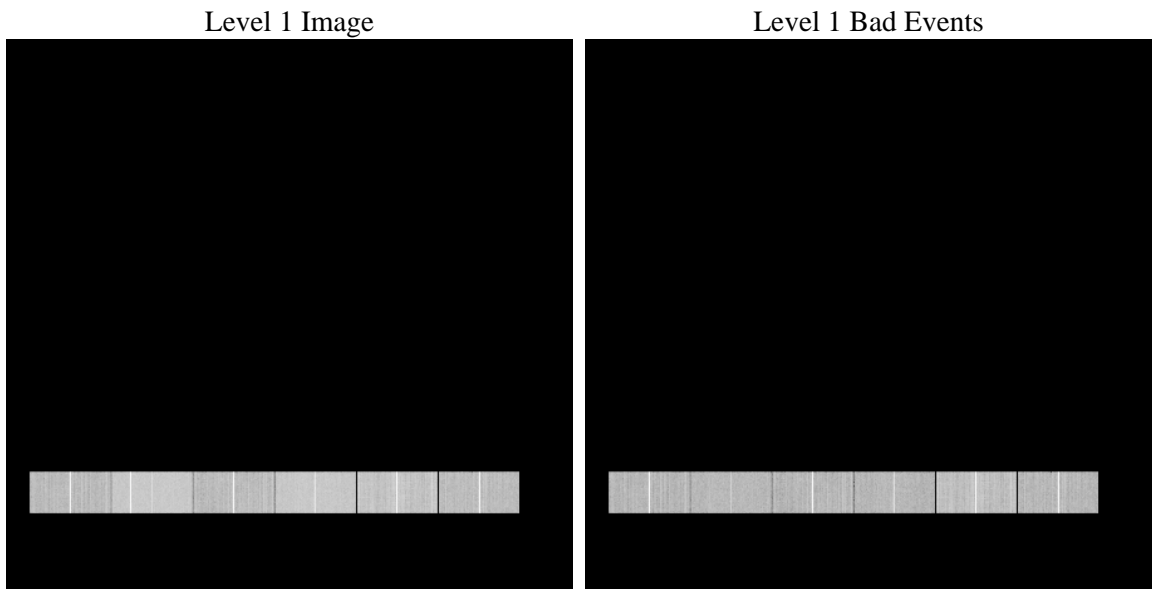
1 Front

seq_num	 	Sequence number
obs_id	57377	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	124.51906094251	Nominal RA [deg]
dec_nom	-2.2284773105486	Nominal Dec [deg]
roll_nom	15.524652134973	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6985.75	Sum of GTIs [s]
livetime	6958.4619140625	Livetime [s]
ontime4	3942.2180956006	Sum of GTIs [s]
ontime5	6985.75	Sum of GTIs [s]
ontime6	4269.0747983456	Sum of GTIs [s]
ontime7	6985.75	Sum of GTIs [s]
ontime8	4400.0827919841	Sum of GTIs [s]
ontime9	4297.9400035143	Sum of GTIs [s]
l2events	294952	Number of level 2 events

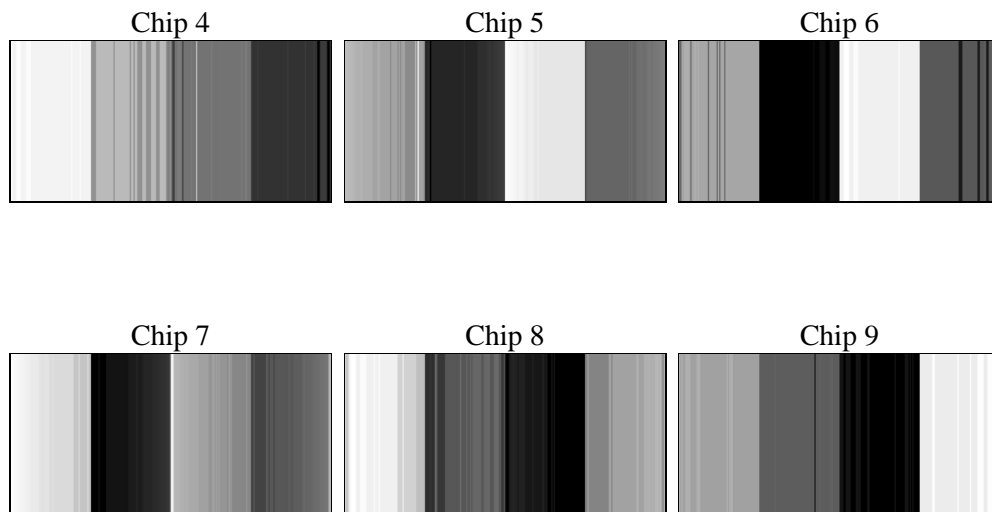
2 OBI

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	8.4.4	Processing system revision	ontime	6985.75	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	3942.2180956006	Sum of GTIs [s]
date	2012-05-29T03:19:50	Date and time of file creation	ontime5	6985.75	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4269.0747983456	Sum of GTIs [s]
			ontime7	6985.75	Sum of GTIs [s]
			ontime8	4400.0827919841	Sum of GTIs [s]
			ontime9	4297.9400035143	Sum of GTIs [s]
			l1events	1216295	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	165267	252051	171276	232317	223231	172153	grade 0 events	4330	20256	4226	15121	8732	4599
rejected events	142670	130643	144369	127723	188800	145801		2%	8%	2%	6%	3%	2%
rejected %	86%	51%	84%	54%	84%	84%	grade 1 events	62	121	64	155	105	60
								0%	0%	0%	0%	0%	0%
							grade 2 events	24127	48889	26997	31257	29277	26176
								14%	19%	15%	13%	13%	15%
							grade 3 events	1298	2413	1317	7116	2523	1312
								0%	0%	0%	3%	1%	0%
							grade 4 events	1386	2381	1194	6995	2376	1301
								0%	0%	0%	3%	1%	0%
							grade 5 events	2099	8085	2207	9609	3228	2457
								1%	3%	1%	4%	1%	1%
							grade 6 events	7652	48670	9795	45067	12338	9545
								4%	19%	5%	19%	5%	5%
							grade 7 events	124313	121236	125476	116997	164652	126703
								75%	48%	73%	50%	73%	73%

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	CC33_FAINT	CC33_FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	124.5190609425086	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-2.228477310548634	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	15.52465213497256	[s] Primary exposure time	0	0
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	348445151.236474	348445150.21148			
Observation start date	2009-01-15T22:19:11	2009-01-15T22:19:10			
[s] Observation end time (MET)	348455647.236994	348455646.212			
Observation end date	2009-01-16T01:14:07	2009-01-16T01:14:06			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.98575

A.2 Comments