

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57502 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 24 2012

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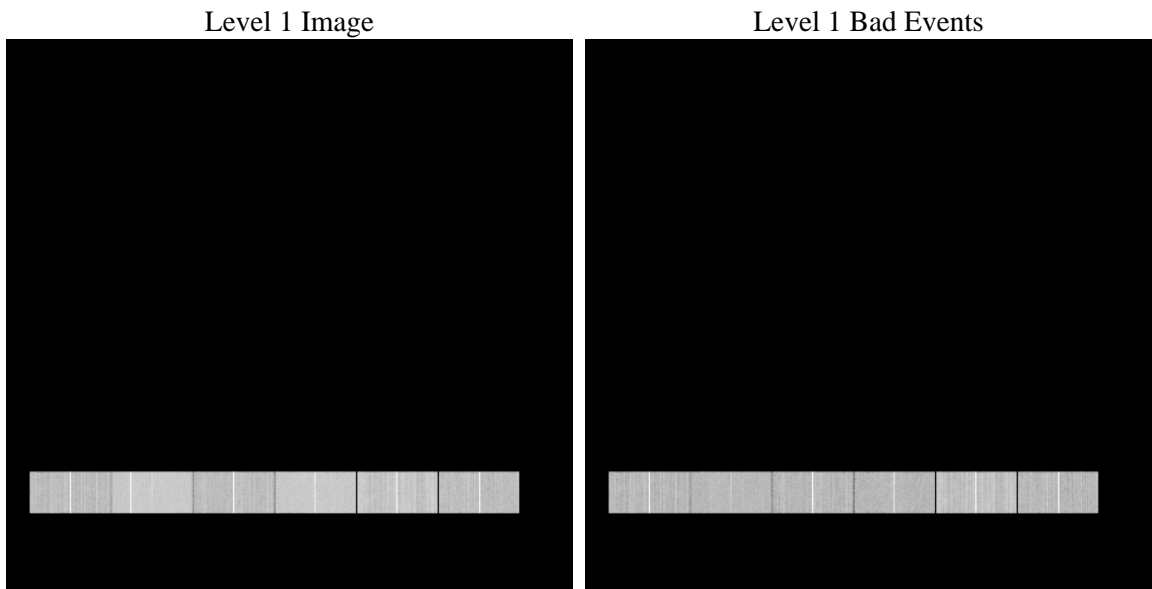
1 Front

seq_num	 	Sequence number
obs_id	57502	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	42.028206940133	Nominal RA [deg]
dec_nom	-4.9943125733602	Nominal Dec [deg]
roll_nom	338.50024001986	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6881.75	Sum of GTIs [s]
livetime	6854.8681640625	Livetime [s]
ontime4	3945.1785472035	Sum of GTIs [s]
ontime5	6881.75	Sum of GTIs [s]
ontime6	4293.9240984917	Sum of GTIs [s]
ontime7	6881.75	Sum of GTIs [s]
ontime8	4276.4134609103	Sum of GTIs [s]
ontime9	4244.3118746877	Sum of GTIs [s]
l2events	299024	Number of level 2 events

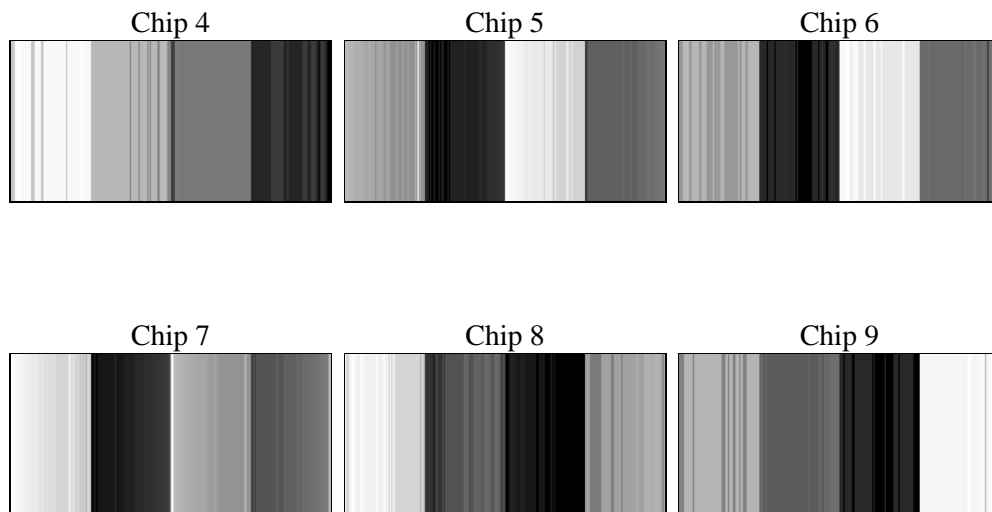
2 OBI

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	6881.75	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	3945.1785472035	Sum of GTIs [s]
date	2012-05-24T04:43:55	Date and time of file creation	ontime5	6881.75	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4293.9240984917	Sum of GTIs [s]
			ontime7	6881.75	Sum of GTIs [s]
			ontime8	4276.4134609103	Sum of GTIs [s]
			ontime9	4244.3118746877	Sum of GTIs [s]
			l1events	1185865	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	163891	244009	167461	226316	217746	166442	grade 0 events	4460	18671	4433	15476	8477	4697
rejected events	140165	124770	138842	121364	183081	139024		2%	7%	2%	6%	3%	2%
rejected %	85%	51%	82%	53%	84%	83%	grade 1 events	78	122	54	161	95	54
								0%	0%	0%	0%	0%	0%
							grade 2 events	24624	48066	27727	31211	29308	26585
								15%	19%	16%	13%	13%	15%
							grade 3 events	1310	2566	1318	7028	2413	1301
								0%	1%	0%	3%	1%	0%
							grade 4 events	1320	2428	1259	7100	2350	1287
								0%	0%	0%	3%	1%	0%
							grade 5 events	2127	7908	2306	9623	2939	2308
								1%	3%	1%	4%	1%	1%
							grade 6 events	8033	47597	9957	44205	11987	9335
								4%	19%	5%	19%	5%	5%
							grade 7 events	121939	116651	120407	111512	160177	120875
								74%	47%	71%	49%	73%	72%

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	42.02820694013305	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-4.994312573360174	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	338.5002400198565	[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)	343191794.326826	343191793.30184			
Observation start date	2008-11-16T03:03:14	2008-11-16T03:03:13			
[s] Observation end time (MET)	343202198.077339	343202197.05235			
Observation end date	2008-11-16T05:56:38	2008-11-16T05:56:37			
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)	2012.05.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.88175

A.2 Comments