

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57641 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 19 2012

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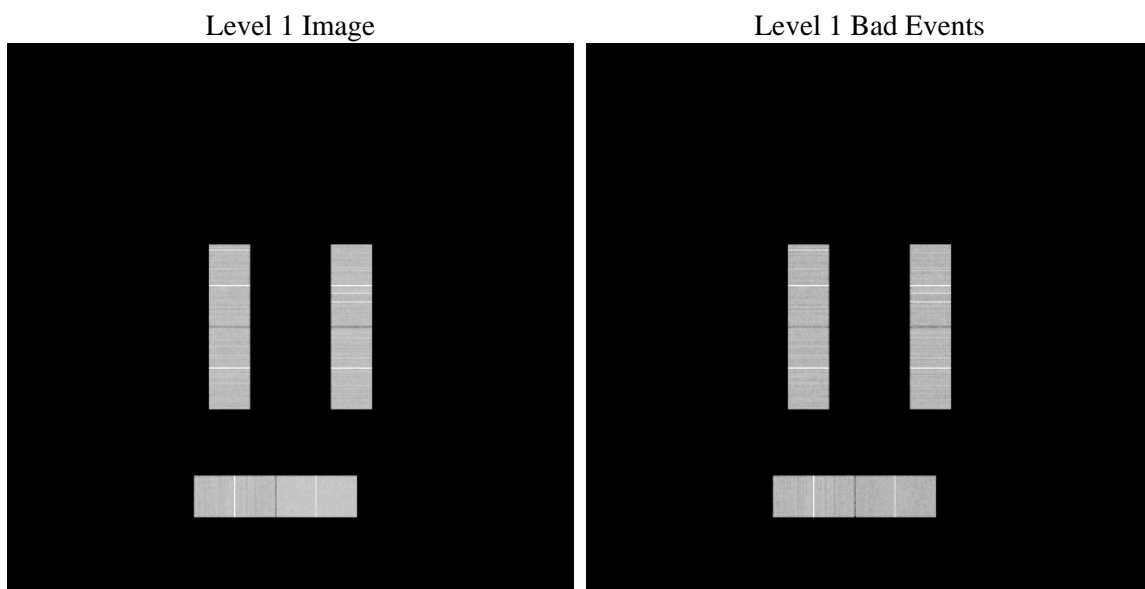
1 Front

seq_num	 	Sequence number
obs_id	57641	Observation id
title	ACIS-012367 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	311.52528071817	Nominal RA [deg]
dec_nom	-26.011645036392	Nominal Dec [deg]
roll_nom	303.02037485559	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7919.0	Sum of GTIs [s]
livetime	7888.06640625	Livetime [s]
ontime0	5334.7854081988	Sum of GTIs [s]
ontime1	5620.1723818779	Sum of GTIs [s]
ontime2	5252.4577789903	Sum of GTIs [s]
ontime3	5539.9178470373	Sum of GTIs [s]
ontime6	5608.499140799	Sum of GTIs [s]
ontime7	7919.0	Sum of GTIs [s]
l2events	310573	Number of level 2 events

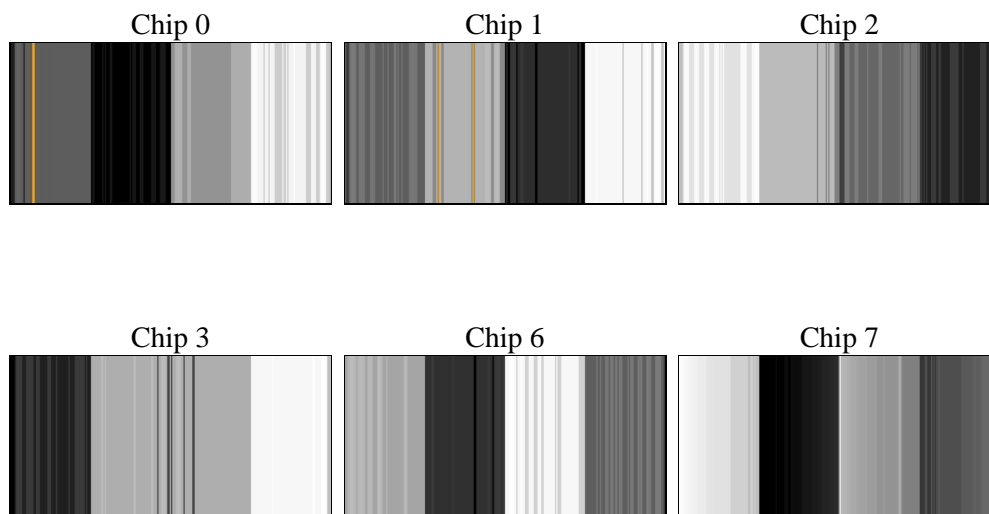
2 OBI

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	7919.0	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	5334.7854081988	Sum of GTIs [s]
date	2012-05-19T21:59:54	Date and time of file creation	ontime1	5620.1723818779	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5252.4577789903	Sum of GTIs [s]
			ontime3	5539.9178470373	Sum of GTIs [s]
			ontime6	5608.499140799	Sum of GTIs [s]
			ontime7	7919.0	Sum of GTIs [s]
			l1events	1363479	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	213098	230473	214690	219087	222131	264000	grade 0 events	7180	6714	6520	7091	5930	17933
rejected events	174965	188098	177453	177030	178072	140175		3%	2%	3%	3%	2%	6%
rejected %	82%	81%	82%	80%	80%	53%	grade 1 events	81	79	77	60	62	168
								0%	0%	0%	0%	0%	0%
							grade 2 events	33506	36259	33831	35928	38211	37359
								15%	15%	15%	16%	17%	14%
							grade 3 events	1880	1572	1632	1858	1689	8277
								0%	0%	0%	0%	0%	3%
							grade 4 events	1780	1563	1641	1722	1629	8148
								0%	0%	0%	0%	0%	3%
							grade 5 events	2525	2735	2375	2813	2906	10901
								1%	1%	1%	1%	1%	4%
							grade 6 events	11770	12883	11301	12212	13687	52202
								5%	5%	5%	5%	6%	19%
							grade 7 events	154376	168668	157313	157403	158017	129012
								72%	73%	73%	71%	71%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	311.5252807181744	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-26.01164503639209	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	303.0203748555867	[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)	335834950.764634	335834949.73965			
Observation start date	2008-08-22T23:29:11	2008-08-22T23:29:09			
[s] Observation end time (MET)	335844989.615126	335844988.59014			
Observation end date	2008-08-23T02:16:30	2008-08-23T02:16:28			
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)	2012.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.919

A.2 Comments