

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57899 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 12 2012

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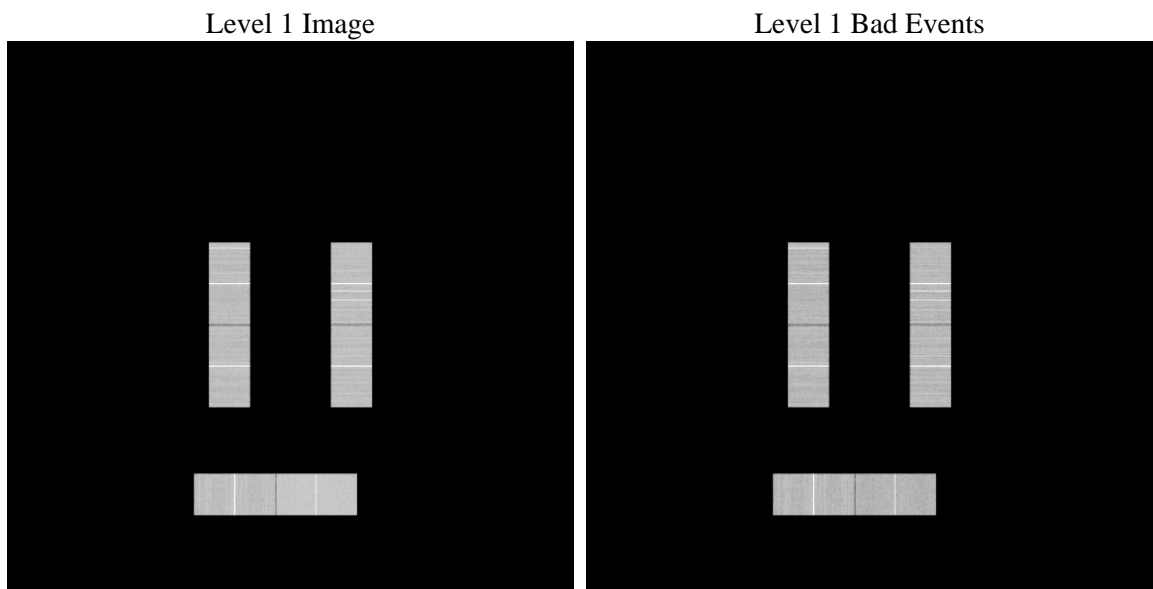
1 Front

seq_num	 	Sequence number
obs_id	57899	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	208.97944104354	Nominal RA [deg]
dec_nom	2.5206124028815	Nominal Dec [deg]
roll_nom	97.421968762183	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8379.75	Sum of GTIs [s]
livetime	8347.0166015625	Livetime [s]
ontime0	5559.1545825005	Sum of GTIs [s]
ontime1	5780.9503569603	Sum of GTIs [s]
ontime2	5484.736168921	Sum of GTIs [s]
ontime3	5706.5321620703	Sum of GTIs [s]
ontime6	5826.1854386926	Sum of GTIs [s]
ontime7	8379.75	Sum of GTIs [s]
l2events	348971	Number of level 2 events

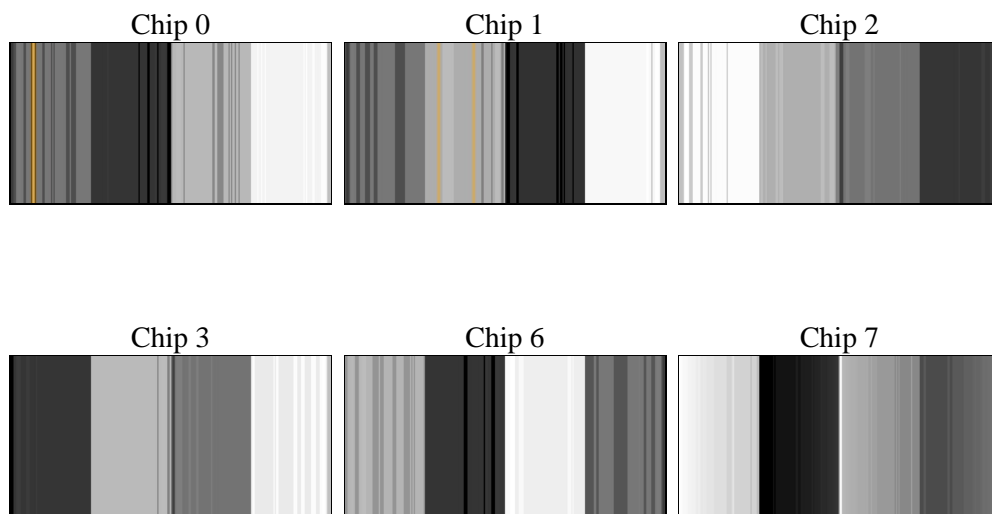
2 OBI

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	8379.75	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	5559.1545825005	Sum of GTIs [s]
date	2012-05-12T01:32:27	Date and time of file creation	ontime1	5780.9503569603	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5484.736168921	Sum of GTIs [s]
			ontime3	5706.5321620703	Sum of GTIs [s]
			ontime6	5826.1854386926	Sum of GTIs [s]
			ontime7	8379.75	Sum of GTIs [s]
			l1events	1447239	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	226479	244674	223301	235017	233747	284021	grade 0 events	8124	7688	7895	8282	6518	21887
rejected events	183514	198251	181089	187396	184983	144177		3%	3%	3%	3%	2%	7%
rejected %	81%	81%	81%	79%	79%	50%	grade 1 events	74	78	81	90	79	180
								0%	0%	0%	0%	0%	0%
							grade 2 events	39108	41039	39116	41460	43758	41377
								17%	16%	17%	17%	18%	14%
							grade 3 events	1974	1712	1802	2172	1773	9724
								0%	0%	0%	0%	0%	3%
							grade 4 events	1885	1790	1857	1898	1687	9704
								0%	0%	0%	0%	0%	3%
							grade 5 events	2526	2785	2508	2826	3032	11454
								1%	1%	1%	1%	1%	4%
							grade 6 events	13459	14550	13202	14107	15934	57540
								5%	5%	5%	6%	6%	20%
							grade 7 events	159329	175032	156840	164182	160966	132155
								70%	71%	70%	69%	68%	46%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	CC33_FAINT	CC33_FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	208.9794410435404
[deg] Pointing Dec	0	2.520612402881497
[deg] Pointing Roll	0.0	97.42196876218266
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	322619297.859298	322619296.83429
Observation start date	2008-03-23T00:28:18	2008-03-23T00:28:16
[s] Observation end time (MET)	322642706.810438	322642705.78543
Observation end date	2008-03-23T06:58:27	2008-03-23T06:58:25
Read mode	CONTINUOUS	CONTINUOUS

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	0

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.05.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.37975

A.2 Comments