

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57575 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 20 2012

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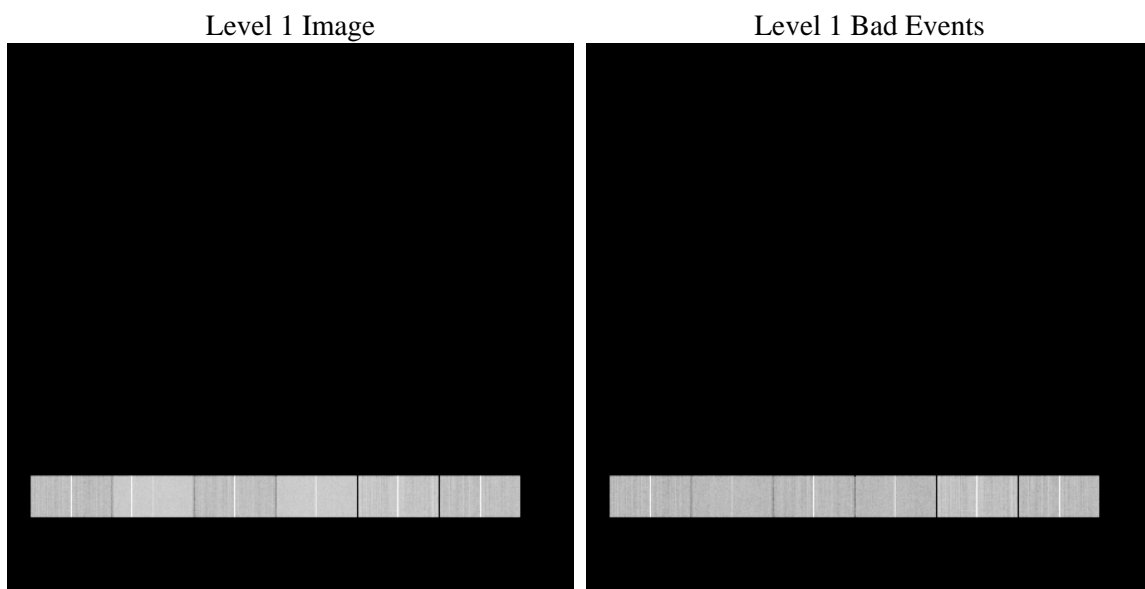
1 Front

seq_num	 	Sequence number
obs_id	57575	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	1.978254025017	Nominal RA [deg]
dec_nom	26.978788375845	Nominal Dec [deg]
roll_nom	194.74134723906	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8856.5524871349	Sum of GTIs [s]
livetime	8821.9565789821	Livetime [s]
ontime4	4979.5273066759	Sum of GTIs [s]
ontime5	8857.25	Sum of GTIs [s]
ontime6	5396.8518362045	Sum of GTIs [s]
ontime7	8856.5524871349	Sum of GTIs [s]
ontime8	5398.3113446832	Sum of GTIs [s]
ontime9	5449.3821474314	Sum of GTIs [s]
l2events	383701	Number of level 2 events

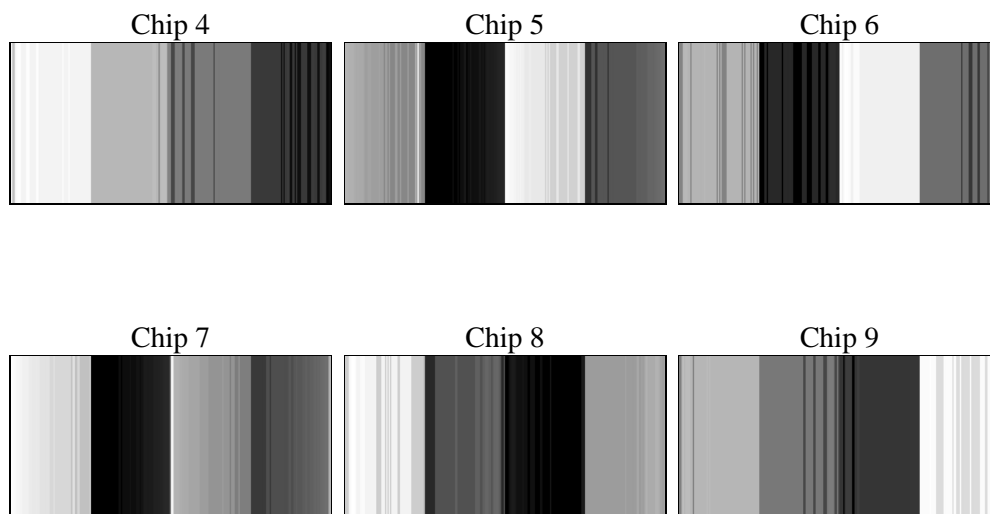
2 OBI

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	8.4.5	Processing system revision	ontime	8856.5524871349	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	4979.5273066759	Sum of GTIs [s]
date	2012-07-20T18:08:44	Date and time of file creation	ontime5	8857.25	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5396.8518362045	Sum of GTIs [s]
			ontime7	8856.5524871349	Sum of GTIs [s]
			ontime8	5398.3113446832	Sum of GTIs [s]
			ontime9	5449.3821474314	Sum of GTIs [s]
			l1events	1522533	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	204077	314419	215965	294139	272821	221112	grade 0 events	5869	24902	5622	18307	10640	6219
rejected events	175276	158903	179872	159641	229358	185256		2%	7%	2%	6%	3%	2%
rejected %	85%	50%	83%	54%	84%	83%	grade 1 events	88	181	56	172	125	62
								0%	0%	0%	0%	0%	0%
							grade 2 events	31513	63002	36075	40907	37806	35071
								15%	20%	16%	13%	13%	15%
							grade 3 events	1636	3192	1586	8462	3033	1667
								0%	1%	0%	2%	1%	0%
							grade 4 events	1745	3029	1586	8316	2897	1696
								0%	0%	0%	2%	1%	0%
							grade 5 events	2574	10040	2835	11789	3822	2974
								1%	3%	1%	4%	1%	1%
							grade 6 events	10004	61464	13091	58556	15267	11970
								4%	19%	6%	19%	5%	5%
							grade 7 events	150648	148609	155114	147630	199231	161453
								73%	47%	71%	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	1.978254025016952	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	26.97878837584539	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	194.7413472390616	[s] Primary exposure time	0	0
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	339262032.283119	339262031.25812			
Observation start date	2008-10-01T15:27:12	2008-10-01T15:27:11			
[s] Observation end time (MET)	339299344.334956	339299343.30996			
Observation end date	2008-10-02T01:49:04	2008-10-02T01:49:03			
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)	2012.07.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.8565524871349

A.2 Comments