

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56614 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 17 2012

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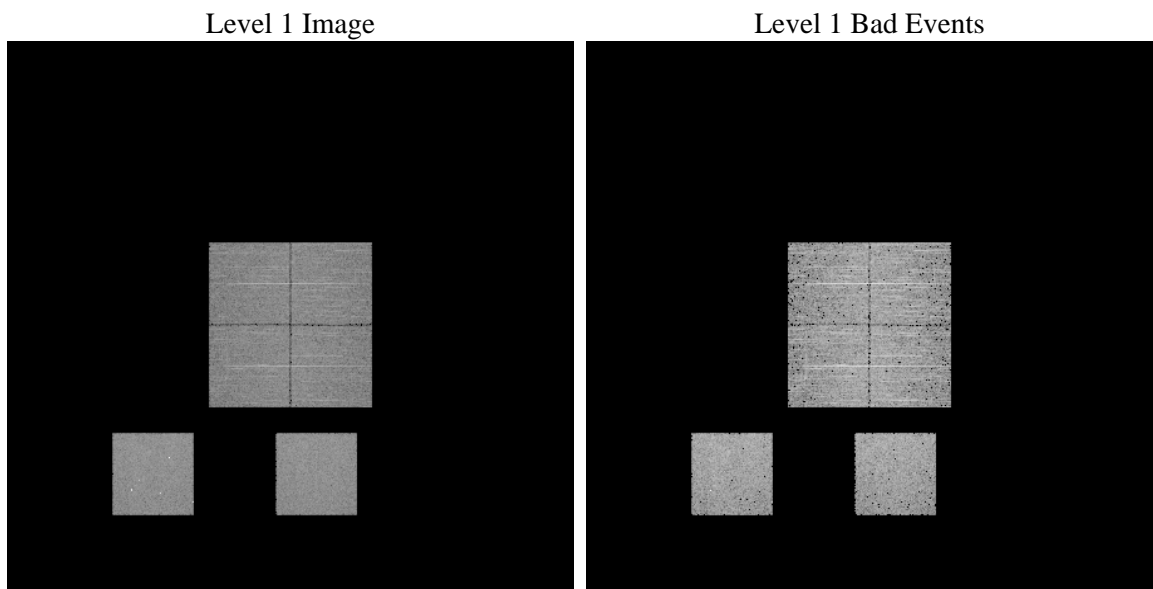
1 Front

seq_num	 	Sequence number
obs_id	56614	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	64.559453684052	Nominal RA [deg]
dec_nom	13.455751766493	Nominal Dec [deg]
roll_nom	122.98381471472	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3270.3999878764	Sum of GTIs [s]
livetime	3228.9882140315	Livetime [s]
ontime0	3270.3999878764	Sum of GTIs [s]
ontime1	3270.3999878764	Sum of GTIs [s]
ontime2	3270.3999878764	Sum of GTIs [s]
ontime3	3270.3999878764	Sum of GTIs [s]
ontime5	3270.3999878764	Sum of GTIs [s]
ontime7	3270.3999878764	Sum of GTIs [s]
l2events	188632	Number of level 2 events

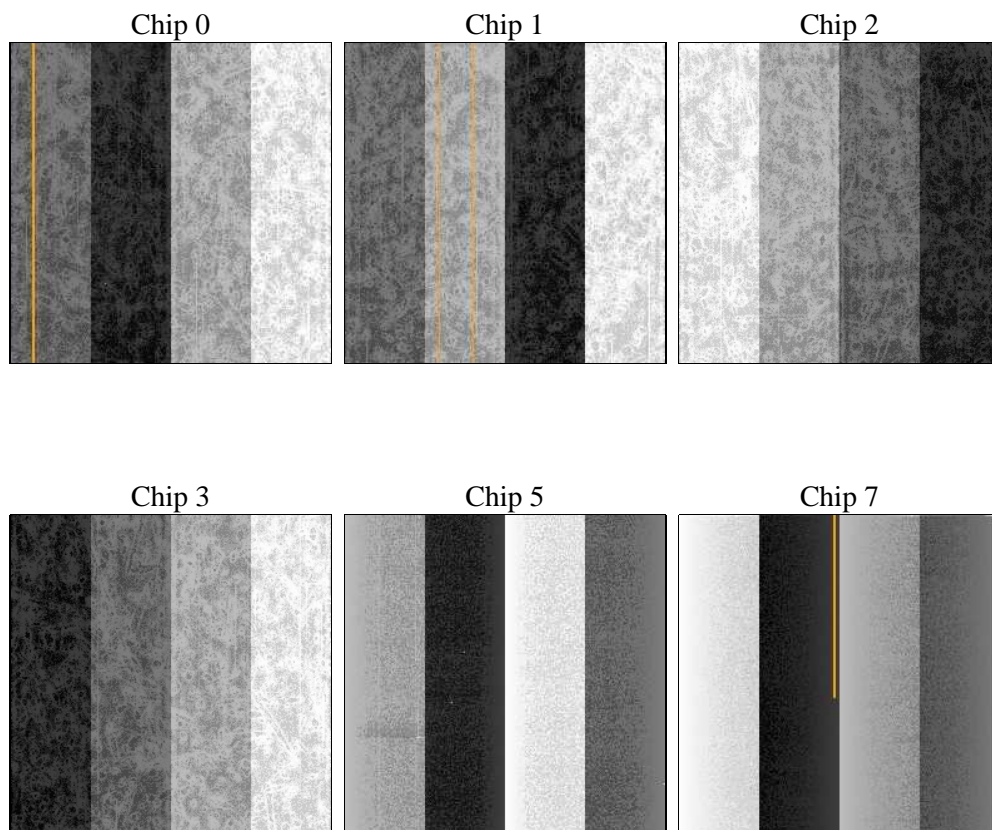
2 OBI

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	3270.3999878764	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	3270.3999878764	Sum of GTIs [s]
date	2012-06-17T18:14:38	Date and time of file creation	ontime1	3270.3999878764	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3270.3999878764	Sum of GTIs [s]
			ontime3	3270.3999878764	Sum of GTIs [s]
			ontime5	3270.3999878764	Sum of GTIs [s]
			ontime7	3270.3999878764	Sum of GTIs [s]
			l1events	379462	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	55763	58612	58230	58947	75606	72304	grade 0 events	14777	14518	15064	15164	7067	7617
rejected events	27904	30488	30664	30989	30303	29137		26%	24%	25%	25%	9%	10%
rejected %	50%	52%	52%	52%	40%	40%	grade 1 events	104	90	120	122	132	60
								0%	0%	0%	0%	0%	0%
							grade 2 events	5035	5383	4734	4782	16253	9430
								9%	9%	8%	8%	21%	13%
							grade 3 events	1914	1906	1889	1954	1826	3940
								3%	3%	3%	3%	2%	5%
							grade 4 events	1895	1841	1834	1926	1716	3769
								3%	3%	3%	3%	2%	5%
							grade 5 events	1686	1694	1641	1834	3795	4601
								3%	2%	2%	3%	5%	6%
							grade 6 events	4253	4508	4073	4170	18473	18451
								7%	7%	6%	7%	24%	25%
							grade 7 events	26099	28672	28875	28995	26344	24436
								46%	48%	49%	49%	34%	33%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	64.55945368405185	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	13.45575176649343	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	122.9838147147231	[s] Primary exposure time	3.2	3.2
[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)	376511099.939068	376511098.91406			
Observation start date	2009-12-06T18:25:00	2009-12-06T18:24:58			
[s] Observation end time (MET)	376522895.639663	376522894.61466			
Observation end date	2009-12-06T21:41:36	2009-12-06T21:41:34			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2703999878764

A.2 Comments