

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58093 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 5 2012

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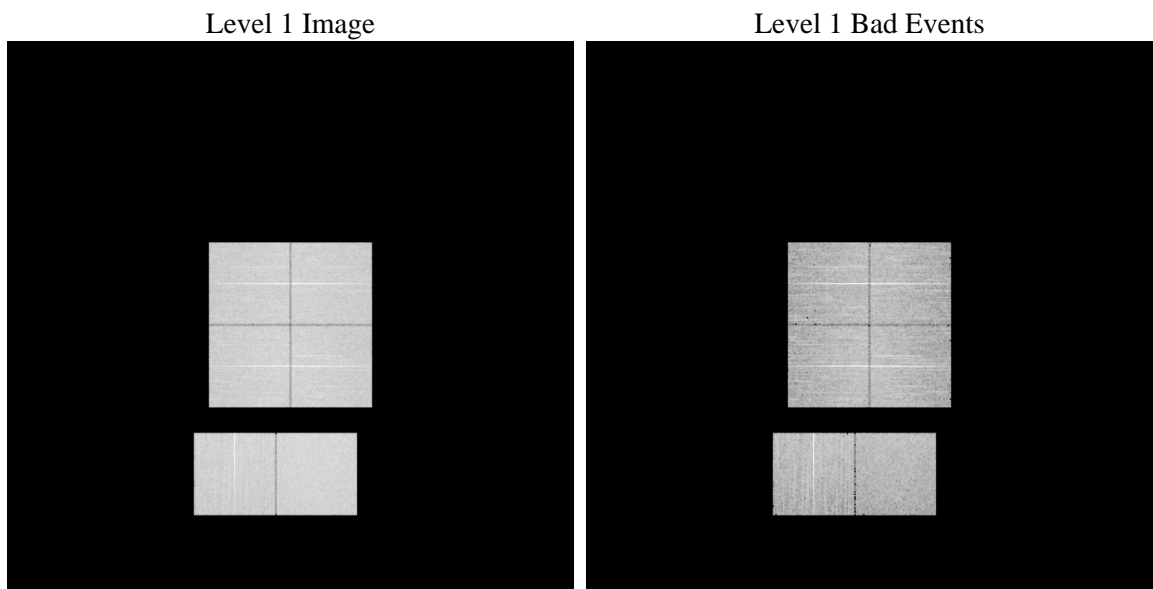
1 Front

seq_num	 	Sequence number
obs_id	58093	Observation id
title	ACIS-012367 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	61.026040864191	Nominal RA [deg]
dec_nom	-2.996167867914	Nominal Dec [deg]
roll_nom	330.06568101889	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7794.3311173916	Sum of GTIs [s]
livetime	7695.6346036004	Livetime [s]
ontime0	7794.2900773883	Sum of GTIs [s]
ontime1	7794.249037385	Sum of GTIs [s]
ontime2	7794.2079973817	Sum of GTIs [s]
ontime3	7794.3721573949	Sum of GTIs [s]
ontime6	7794.1669573784	Sum of GTIs [s]
ontime7	7794.3311173916	Sum of GTIs [s]
l2events	617902	Number of level 2 events

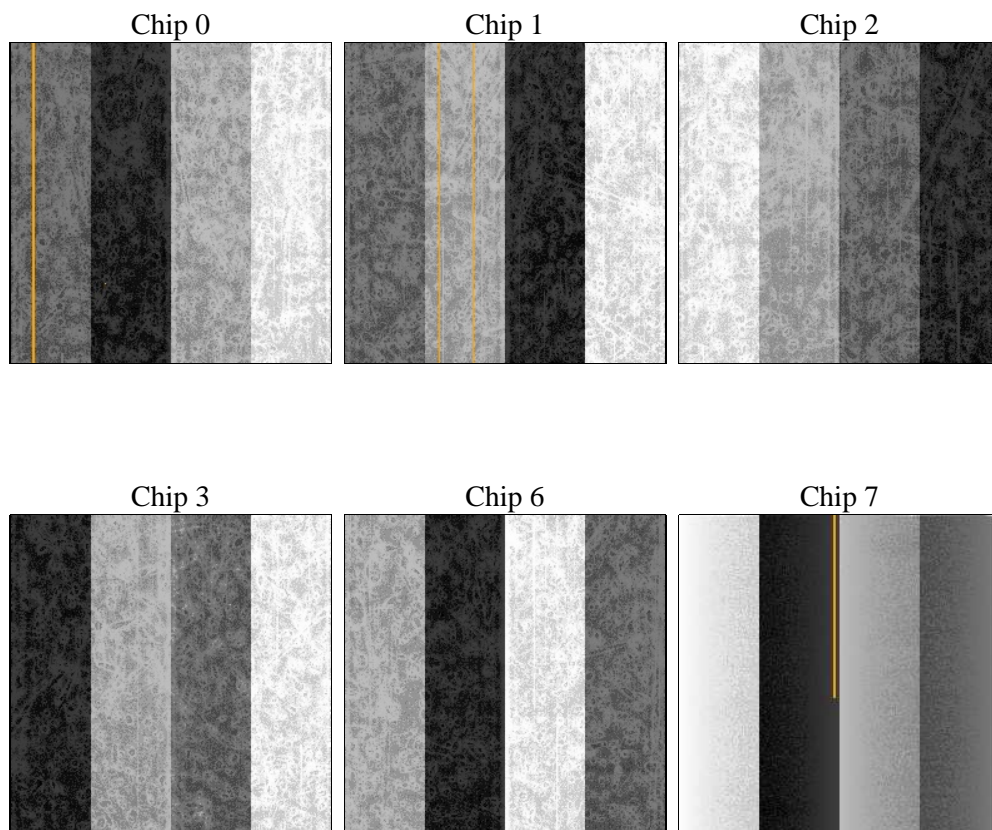
2 OBI

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	7794.3311173916	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7794.2900773883	Sum of GTIs [s]
date	2012-05-06T00:15:35	Date and time of file creation	ontime1	7794.249037385	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7794.2079973817	Sum of GTIs [s]
			ontime3	7794.3721573949	Sum of GTIs [s]
			ontime6	7794.1669573784	Sum of GTIs [s]
			ontime7	7794.3311173916	Sum of GTIs [s]
			l1events	1073468	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	169482	171224	176721	175702	180273	200066	grade 0 events	54987	54530	56679	56976	55831	27906
rejected events	67914	68893	74123	72598	74507	63232		32%	31%	32%	32%	30%	13%
rejected %	40%	40%	41%	41%	41%	31%	grade 1 events	378	319	415	452	363	148
								0%	0%	0%	0%	0%	0%
							grade 2 events	17887	18652	17476	17594	18599	29933
								10%	10%	9%	10%	10%	14%
							grade 3 events	6768	6784	6756	6929	6808	13147
								3%	3%	3%	3%	3%	6%
							grade 4 events	6771	6777	7096	7058	6730	12772
								3%	3%	4%	4%	3%	6%
							grade 5 events	3738	3823	3566	4264	4155	10495
								2%	2%	2%	2%	2%	5%
							grade 6 events	15155	15588	14591	14547	17798	53076
								8%	9%	8%	8%	9%	26%
							grade 7 events	63798	64751	70142	67882	69989	52589
								37%	37%	39%	38%	38%	26%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	61.02604086419139	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-2.996167867914004	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	330.0656810188894			
[mm] SIM focus pos	-0.782348	-1.038866356238299			
[mm] SIM defocus	0	0.4944702831659975			
[mm] SIM translation stage pos	-233.592463	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	313443314.964316	313443313.93931			
Observation start date	2007-12-07T19:35:15	2007-12-07T19:35:13			
[s] Observation end time (MET)	313464581.665344	313464580.64034			
Observation end date	2007-12-08T01:29:42	2007-12-08T01:29:40			
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)	2012.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7943311173916

A.2 Comments