

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54496 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Aug 28 2012

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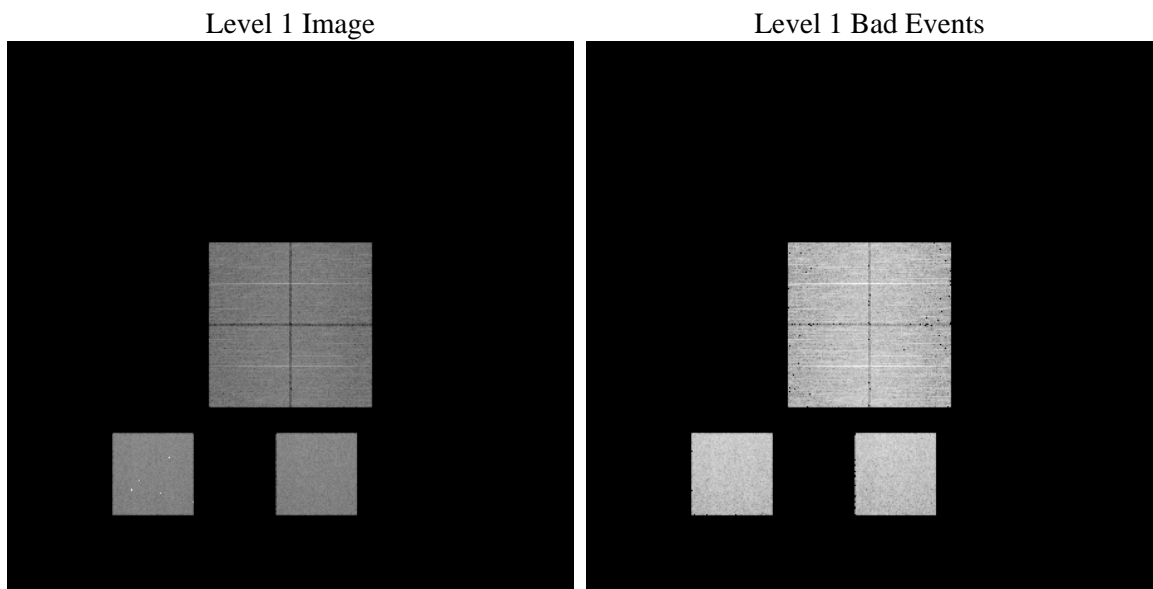
1 Front

seq_num	 	Sequence number
obs_id	54496	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	70.972056652605	Nominal RA [deg]
dec_nom	-9.9916551142807	Nominal Dec [deg]
roll_nom	130.50205117844	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8252.7999693155	Sum of GTIs [s]
livetime	8148.2980468645	Livetime [s]
ontime0	8252.7999693155	Sum of GTIs [s]
ontime1	8252.7999693155	Sum of GTIs [s]
ontime2	8252.7999693155	Sum of GTIs [s]
ontime3	8252.7999693155	Sum of GTIs [s]
ontime5	8252.7999693155	Sum of GTIs [s]
ontime7	8252.7999693155	Sum of GTIs [s]
l2events	278087	Number of level 2 events

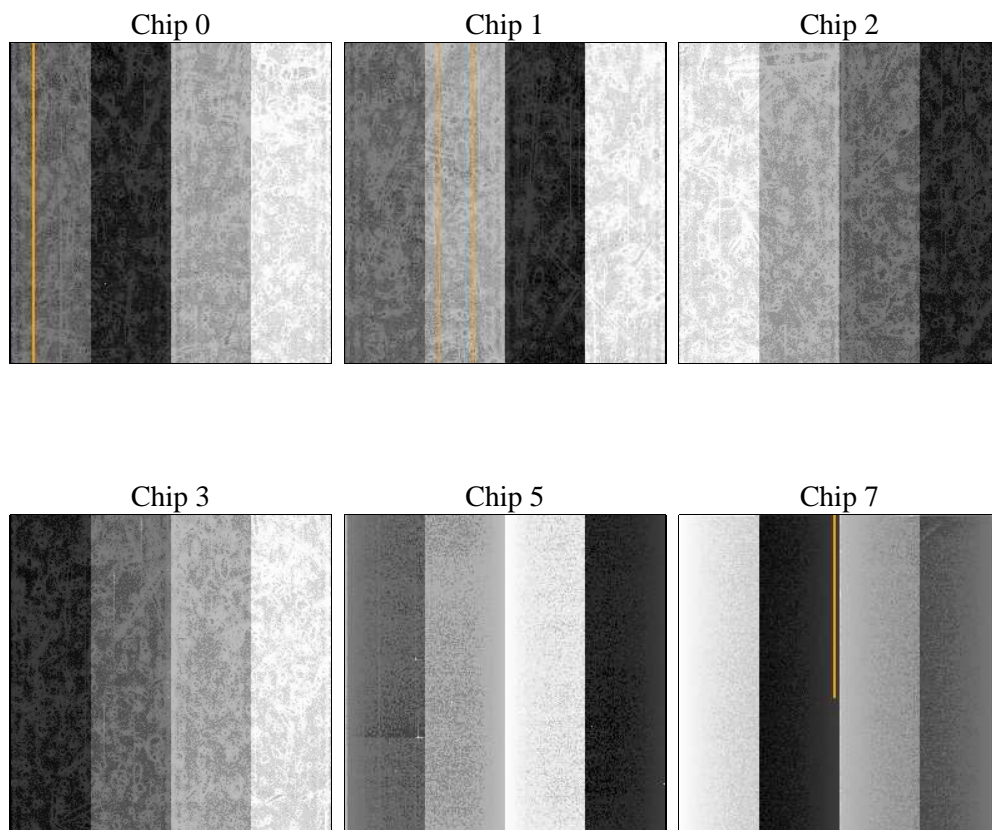
2 OBI

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	8252.7999693155	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	8252.7999693155	Sum of GTIs [s]
date	2012-08-28T21:31:49	Date and time of file creation	ontime1	8252.7999693155	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8252.7999693155	Sum of GTIs [s]
			ontime3	8252.7999693155	Sum of GTIs [s]
			ontime5	8252.7999693155	Sum of GTIs [s]
			ontime7	8252.7999693155	Sum of GTIs [s]
			l1events	593629	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	84660	84940	86934	88679	128982	119434	grade 0 events	20210	19923	21058	21146	12482	10877
rejected events	45701	45574	47726	49260	53724	53635		23%	23%	24%	23%	9%	9%
rejected %	53%	53%	54%	55%	41%	44%	grade 1 events	118	97	106	143	221	96
								0%	0%	0%	0%	0%	0%
							grade 2 events	7394	7870	7008	7013	26355	14374
								8%	9%	8%	7%	20%	12%
							grade 3 events	2680	2627	2719	2783	2849	5769
								3%	3%	3%	3%	2%	4%
							grade 4 events	2712	2632	2661	2781	2904	5746
								3%	3%	3%	3%	2%	4%
							grade 5 events	3150	3158	2991	3465	6749	8303
								3%	3%	3%	3%	5%	6%
							grade 6 events	6104	6488	5939	5826	31007	29295
								7%	7%	6%	6%	24%	24%
							grade 7 events	42292	42145	44452	45522	46415	44974
								49%	49%	51%	51%	35%	37%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	70.97205665260492
[deg] Pointing Dec	0	-9.991655114280736
[deg] Pointing Roll	0.0	130.5020511784355
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	458308581.020141	458308581.020141
Observation start date	2012-07-10T11:56:21	2012-07-10T11:56:21
[s] Observation end time (MET)	458318129.827061	458318129.827061
Observation end date	2012-07-10T14:35:30	2012-07-10T14:35:29
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2527999693155

A.2 Comments