

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56496 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 20 2012

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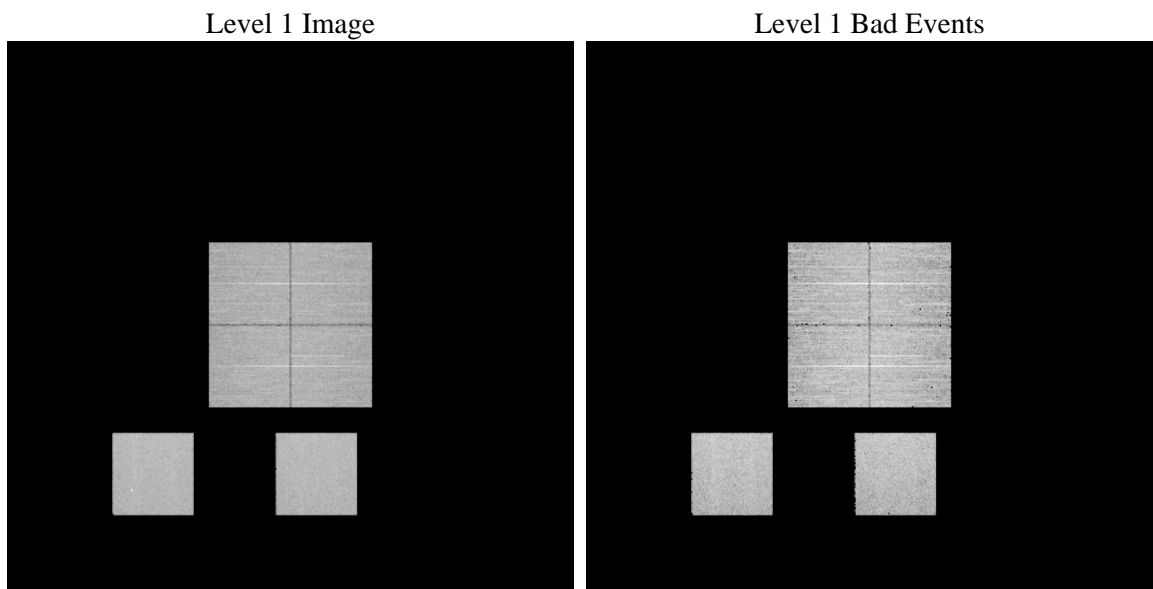
1 Front

seq_num	 	Sequence number
obs_id	56496	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	102.52706139497	Nominal RA [deg]
dec_nom	5.990176961715	Nominal Dec [deg]
roll_nom	307.0255516053	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5963.5699121952	Sum of GTIs [s]
livetime	5888.0555991363	Livetime [s]
ontime0	5846.8515707254	Sum of GTIs [s]
ontime1	5853.2926306129	Sum of GTIs [s]
ontime2	5846.7695202827	Sum of GTIs [s]
ontime3	5840.4515806437	Sum of GTIs [s]
ontime5	5982.8519921899	Sum of GTIs [s]
ontime7	5963.5699121952	Sum of GTIs [s]
l2events	325637	Number of level 2 events

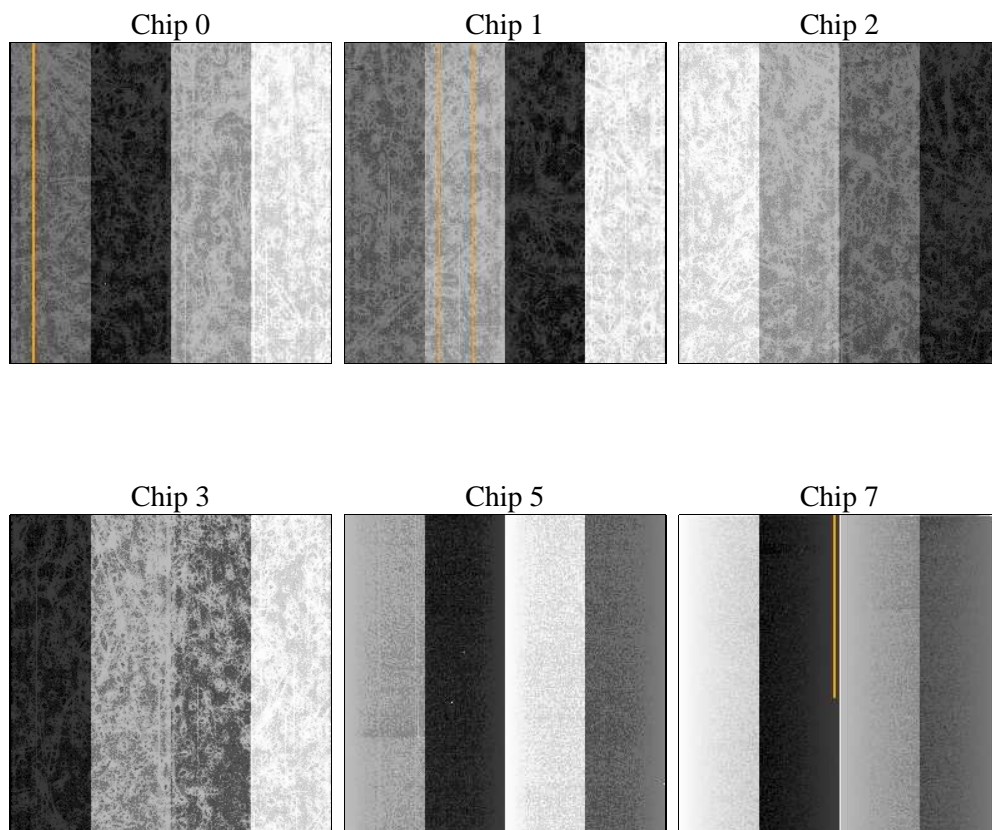
2 OBI

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	5963.5699121952	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	5846.8515707254	Sum of GTIs [s]
date	2012-06-20T03:47:03	Date and time of file creation	ontime1	5853.2926306129	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5846.7695202827	Sum of GTIs [s]
			ontime3	5840.4515806437	Sum of GTIs [s]
			ontime5	5982.8519921899	Sum of GTIs [s]
			ontime7	5963.5699121952	Sum of GTIs [s]
			l1events	664738	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	99799	99567	103123	104779	130217	127253	grade 0 events	25282	24692	25907	25898	8580	12916
rejected events	52240	51480	55923	57203	54115	52111		25%	24%	25%	24%	6%	10%
rejected %	52%	51%	54%	54%	41%	40%	grade 1 events	178	151	203	224	160	99
								0%	0%	0%	0%	0%	0%
							grade 2 events	8798	9427	7986	8325	28492	16587
								8%	9%	7%	7%	21%	13%
							grade 3 events	3295	3214	3274	3300	3298	6597
								3%	3%	3%	3%	2%	5%
							grade 4 events	3264	3154	3341	3219	2785	6624
								3%	3%	3%	3%	2%	5%
							grade 5 events	2850	2917	2793	3106	6562	7928
								2%	2%	2%	2%	5%	6%
							grade 6 events	7181	7825	6945	7081	33369	32807
								7%	7%	6%	6%	25%	25%
							grade 7 events	48951	48187	52674	53626	46971	43695
								49%	48%	51%	51%	36%	34%

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	102.527061394972	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	5.990176961715033	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	307.0255516052973	[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)	380429964.187148	380429963.16215			
Observation start date	2010-01-21T02:59:24	2010-01-21T02:59:23			
[s] Observation end time (MET)	380437713.18754	380437712.16254			
Observation end date	2010-01-21T05:08:33	2010-01-21T05:08:32			
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)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.9635699121952

A.2 Comments