

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58569 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 18 2012

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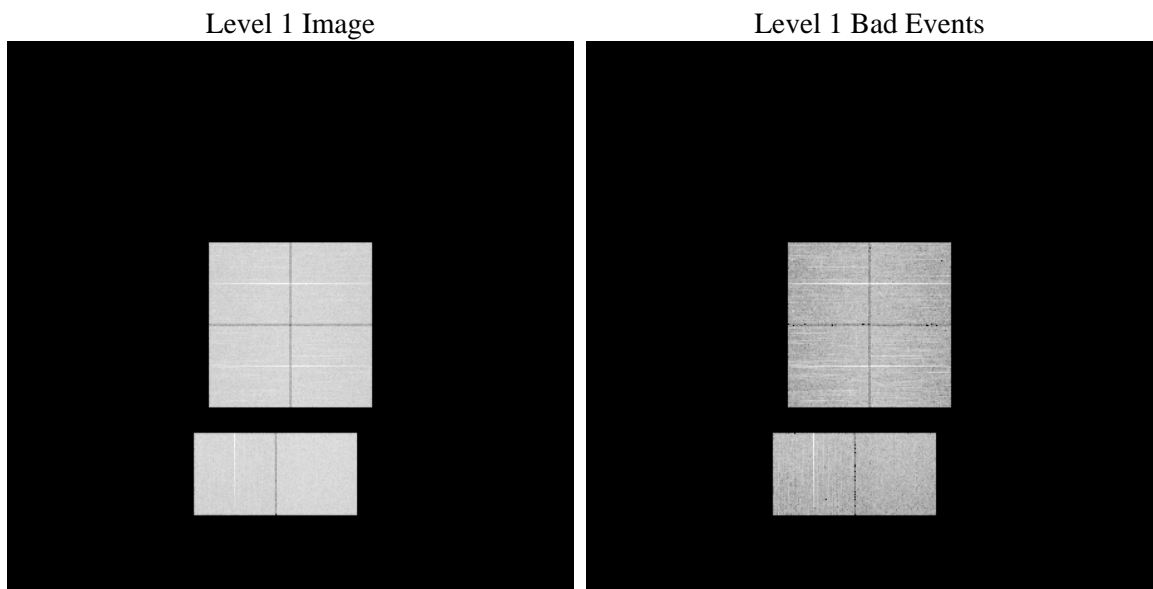
1 Front

seq_num	 	Sequence number
obs_id	58569	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	111.52883221839	Nominal RA [deg]
dec_nom	-6.4899974838829	Nominal Dec [deg]
roll_nom	346.27168551955	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8265.5999692678	Sum of GTIs [s]
livetime	8160.9359655102	Livetime [s]
ontime0	8265.5999692678	Sum of GTIs [s]
ontime1	8262.3589789867	Sum of GTIs [s]
ontime2	8265.5999692678	Sum of GTIs [s]
ontime3	8262.3590584993	Sum of GTIs [s]
ontime6	8265.5691652298	Sum of GTIs [s]
ontime7	8265.5999692678	Sum of GTIs [s]
l2events	798737	Number of level 2 events

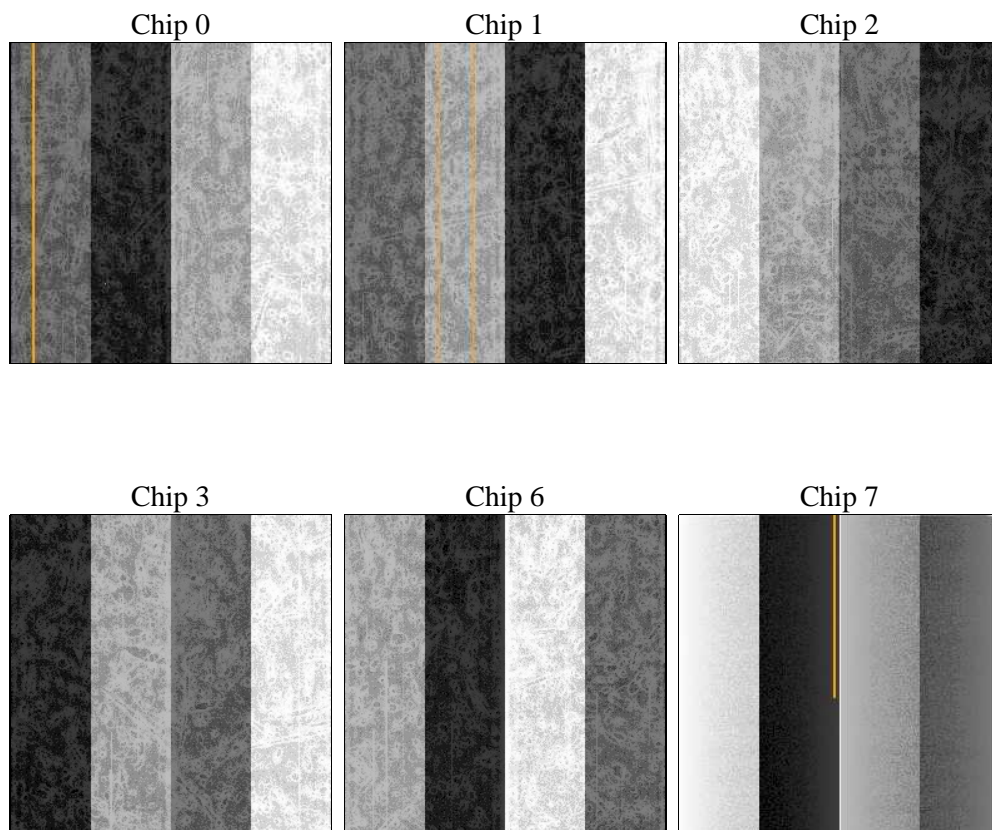
2 OBI

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	8265.5999692678	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8265.5999692678	Sum of GTIs [s]
date	2012-04-18T17:26:44	Date and time of file creation	ontime1	8262.3589789867	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8265.5999692678	Sum of GTIs [s]
			ontime3	8262.3590584993	Sum of GTIs [s]
			ontime6	8265.5691652298	Sum of GTIs [s]
			ontime7	8265.5999692678	Sum of GTIs [s]
			l1events	1247569	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	200813	198600	205140	207198	207999	227819	grade 0 events	72802	72410	73998	75249	74854	36164
rejected events	67491	64819	71503	71780	68728	61626		36%	36%	36%	36%	35%	15%
rejected %	33%	32%	34%	34%	33%	27%	grade 1 events	473	437	559	535	451	157
								0%	0%	0%	0%	0%	0%
							grade 2 events	23580	24250	22886	23209	24177	36330
								11%	12%	11%	11%	11%	15%
							grade 3 events	8777	8671	8809	9078	8806	16236
								4%	4%	4%	4%	4%	7%
							grade 4 events	8824	8565	8938	9127	8797	16176
								4%	4%	4%	4%	4%	7%
							grade 5 events	3823	3862	3596	4283	4115	10260
								1%	1%	1%	2%	1%	4%
							grade 6 events	19658	20220	19295	19059	22962	61703
								9%	10%	9%	9%	11%	27%
							grade 7 events	62876	60185	67059	66658	63837	50793
								31%	30%	32%	32%	30%	22%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	111.5288322183891
[deg] Pointing Dec	0	-6.489997483882894
[deg] Pointing Roll	0.0	346.2716855195524
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	285379758.670604	285379757.64561
Observation start date	2007-01-17T00:09:19	2007-01-17T00:09:17
[s] Observation end time (MET)	285402499.321681	285402498.29669
Observation end date	2007-01-17T06:28:19	2007-01-17T06:28:18
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.04.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2655999692678

A.2 Comments