

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57854 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 13 2012

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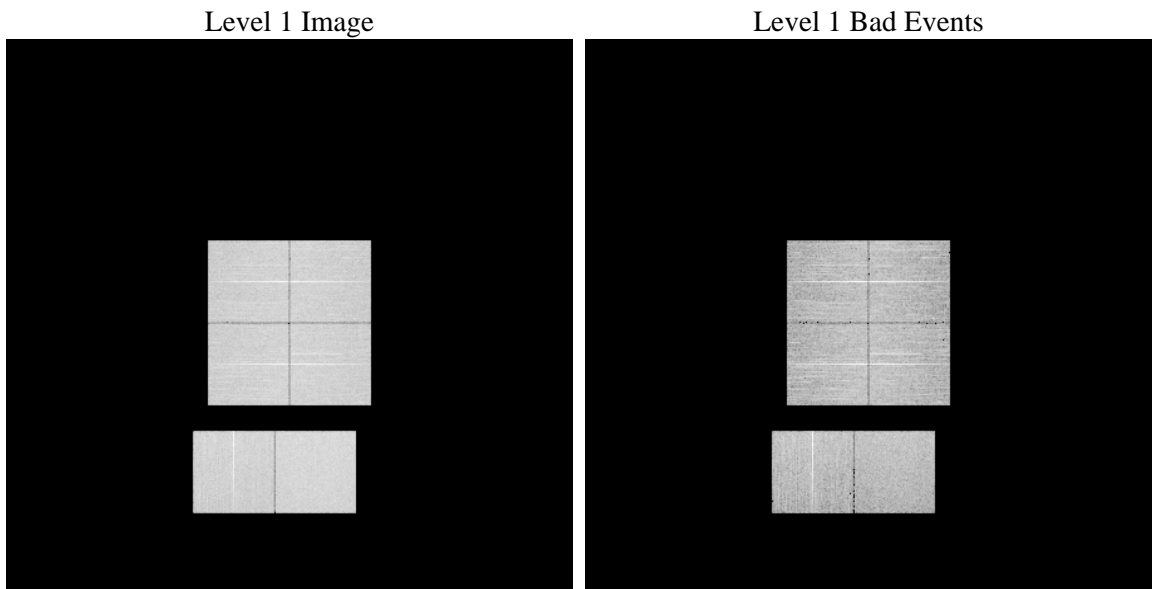
1 Front

seq_num	 	Sequence number
obs_id	57854	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	217.58971743461	Nominal RA [deg]
dec_nom	-7.0814807053949	Nominal Dec [deg]
roll_nom	111.21125987179	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8204.385984838	Sum of GTIs [s]
livetime	8100.4971094098	Livetime [s]
ontime0	8204.3449448347	Sum of GTIs [s]
ontime1	8204.3039048314	Sum of GTIs [s]
ontime2	8204.2628648281	Sum of GTIs [s]
ontime3	8204.4270248413	Sum of GTIs [s]
ontime6	8204.2218248248	Sum of GTIs [s]
ontime7	8204.385984838	Sum of GTIs [s]
l2events	601613	Number of level 2 events

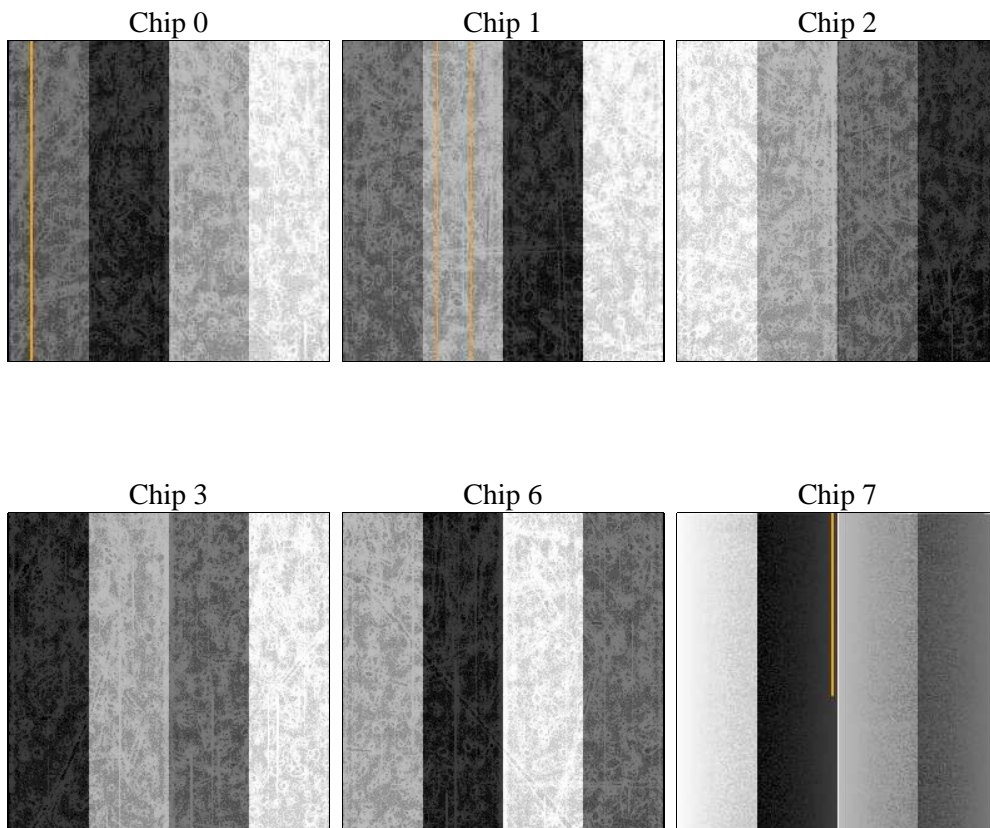
2 OBI

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	8204.385984838	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8204.3449448347	Sum of GTIs [s]
date	2012-05-13T04:05:05	Date and time of file creation	ontime1	8204.3039048314	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8204.2628648281	Sum of GTIs [s]
			ontime3	8204.4270248413	Sum of GTIs [s]
			ontime6	8204.2218248248	Sum of GTIs [s]
			ontime7	8204.385984838	Sum of GTIs [s]
			l1events	1065077	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	169743	168075	174431	174700	177461	200667	grade 0 events	53981	53261	55627	55424	55009	27088
rejected events	70733	68649	74734	75030	74111	66840		31%	31%	31%	31%	30%	13%
rejected %	41%	40%	42%	42%	41%	33%	grade 1 events	363	330	408	431	363	146
								0%	0%	0%	0%	0%	0%
							grade 2 events	17957	18368	17071	17384	18539	29333
								10%	10%	9%	9%	10%	14%
							grade 3 events	6672	6612	6832	6764	6842	12846
								3%	3%	3%	3%	3%	6%
							grade 4 events	6568	6632	6669	6702	6760	12874
								3%	3%	3%	3%	3%	6%
							grade 5 events	3902	4060	3755	4350	4290	10865
								2%	2%	2%	2%	2%	5%
							grade 6 events	14721	15466	14423	14327	17118	52875
								8%	9%	8%	8%	9%	26%
							grade 7 events	65579	63346	69646	69318	68540	54640
								38%	37%	39%	39%	38%	27%

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	217.5897174346126	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-7.081480705394883	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	111.2112598717922			
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	324917161.421149	324917160.39615			
Observation start date	2008-04-18T14:46:01	2008-04-18T14:46:00			
[s] Observation end time (MET)	324928456.9217	324928455.8967			
Observation end date	2008-04-18T17:54:17	2008-04-18T17:54:15			
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)	2012.05.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.204385984838

A.2 Comments