

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58510 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 20 2012

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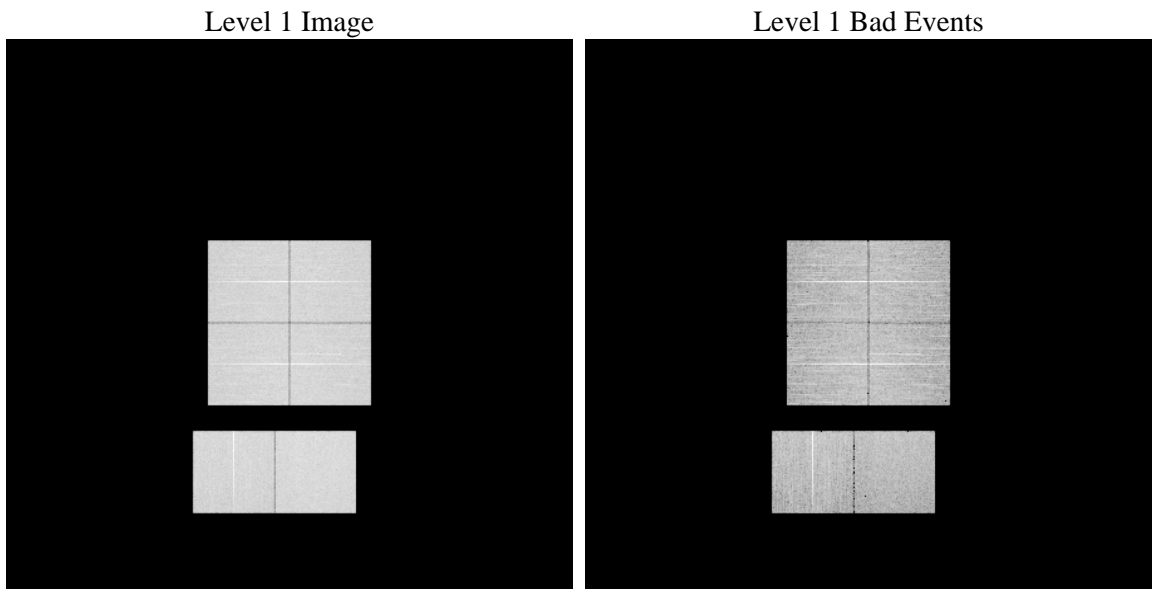
1 Front

seq_num	 	Sequence number
obs_id	58510	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	189.99483214037	Nominal RA [deg]
dec_nom	-5.9694930092892	Nominal Dec [deg]
roll_nom	64.284918376582	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8275.1999692321	Sum of GTIs [s]
livetime	8170.4144044945	Livetime [s]
ontime0	8275.1999692321	Sum of GTIs [s]
ontime1	8275.1999692321	Sum of GTIs [s]
ontime2	8275.1999692321	Sum of GTIs [s]
ontime3	8275.1999692321	Sum of GTIs [s]
ontime6	8275.1999692321	Sum of GTIs [s]
ontime7	8275.1999692321	Sum of GTIs [s]
l2events	774962	Number of level 2 events

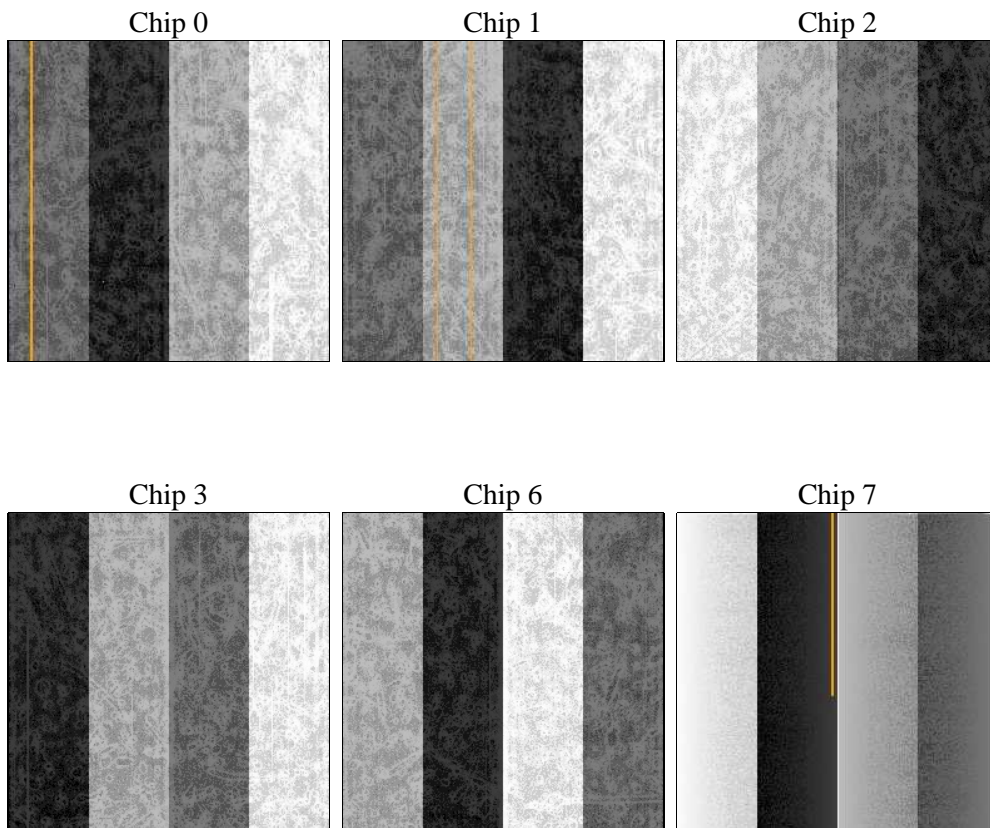
2 OBI

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	8275.1999692321	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8275.1999692321	Sum of GTIs [s]
date	2012-04-21T01:31:07	Date and time of file creation	ontime1	8275.1999692321	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8275.1999692321	Sum of GTIs [s]
			ontime3	8275.1999692321	Sum of GTIs [s]
			ontime6	8275.1999692321	Sum of GTIs [s]
			ontime7	8275.1999692321	Sum of GTIs [s]
			l1events	1228366	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	197573	196835	201855	201835	206163	224105	grade 0 events	70335	69715	71981	72033	72032	34835
rejected events	67628	67137	72065	71293	71732	61651		35%	35%	35%	35%	34%	15%
rejected %	34%	34%	35%	35%	34%	27%	grade 1 events	487	396	528	567	477	187
								0%	0%	0%	0%	0%	0%
							grade 2 events	23340	23792	22213	22618	23544	35322
								11%	12%	11%	11%	11%	15%
							grade 3 events	8599	8336	8678	8616	8657	15692
								4%	4%	4%	4%	4%	7%
							grade 4 events	8423	8493	8637	8808	8411	15555
								4%	4%	4%	4%	4%	6%
							grade 5 events	3815	4071	3837	4291	4242	10391
								1%	2%	1%	2%	2%	4%
							grade 6 events	19303	19404	18331	18523	21839	61117
								9%	9%	9%	9%	10%	27%
							grade 7 events	63271	62628	67650	66379	66961	51006
								32%	31%	33%	32%	32%	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	189.9948321403701
[deg] Pointing Dec	0	-5.969493009289168
[deg] Pointing Roll	0.0	64.2849183765816
[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)	289262819.654954	289262818.62994
Observation start date	2007-03-02T22:47:00	2007-03-02T22:46:58
[s] Observation end time (MET)	289286214.256067	289286213.23106
Observation end date	2007-03-03T05:16:54	2007-03-03T05:16:53
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2751999692321

A.2 Comments