

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60824 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 24 2012

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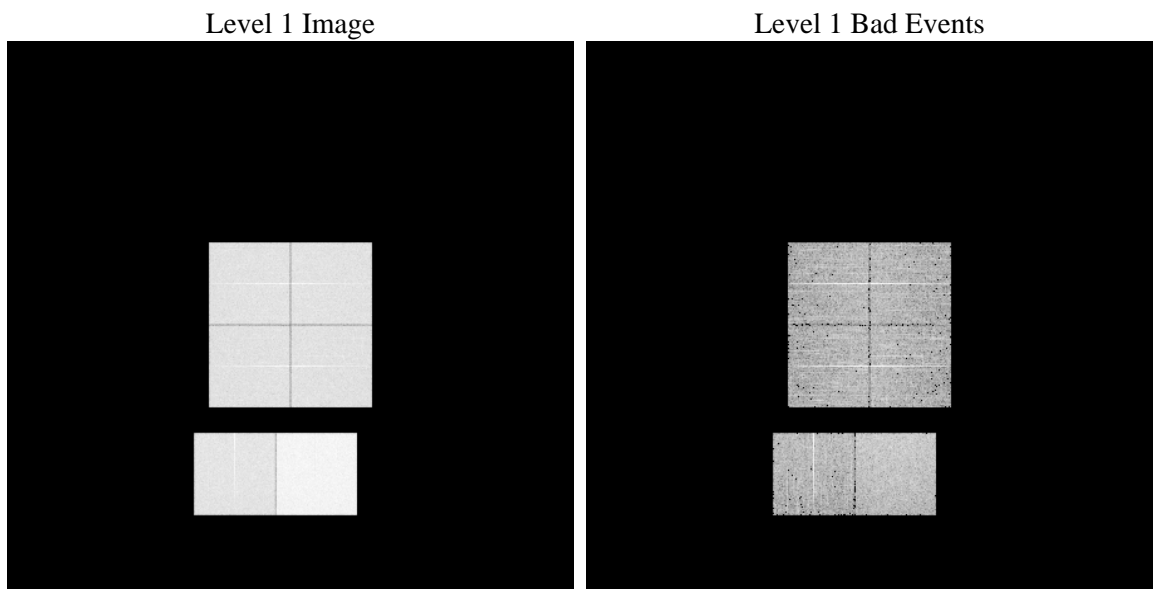
1 Front

seq_num	 	Sequence number
obs_id	60824	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	279.78499454833	Nominal RA [deg]
dec_nom	-11.175498437089	Nominal Dec [deg]
roll_nom	88.154350845558	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8463.42472139	Sum of GTIs [s]
livetime	8356.2557415052	Livetime [s]
ontime0	4687.6594778299	Sum of GTIs [s]
ontime1	4722.173034519	Sum of GTIs [s]
ontime2	4462.8938216567	Sum of GTIs [s]
ontime3	4466.1344227791	Sum of GTIs [s]
ontime6	4849.5846494138	Sum of GTIs [s]
ontime7	8463.42472139	Sum of GTIs [s]
l2events	1283264	Number of level 2 events

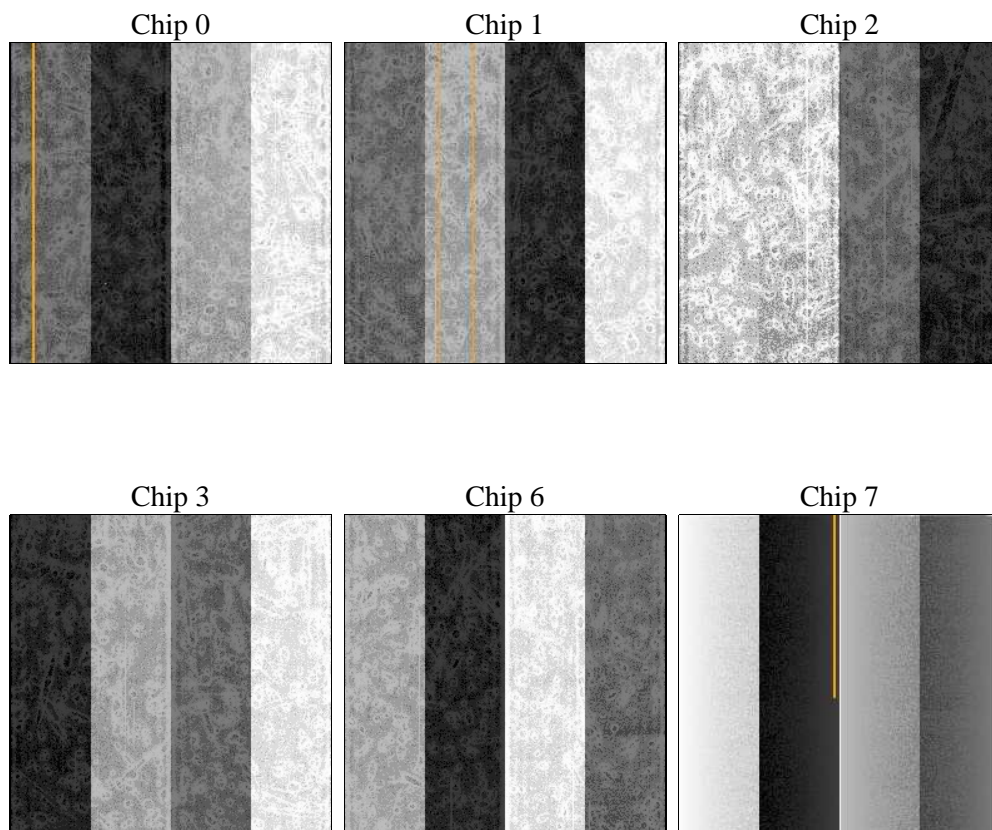
2 OBI

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	8463.42472139	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4687.6594778299	Sum of GTIs [s]
date	2012-10-24T11:30:14	Date and time of file creation	ontime1	4722.173034519	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4462.8938216567	Sum of GTIs [s]
			ontime3	4466.1344227791	Sum of GTIs [s]
			ontime6	4849.5846494138	Sum of GTIs [s]
			ontime7	8463.42472139	Sum of GTIs [s]
			l1events	1545467	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	224381	226091	218000	218052	243124	415819	grade 0 events	106747	107481	104095	104515	114426	92781
rejected events	31007	30777	31473	31871	32889	45521		47%	47%	47%	47%	47%	22%
rejected %	13%	13%	14%	14%	13%	10%	grade 1 events	607	520	653	608	514	262
								0%	0%	0%	0%	0%	0%
							grade 2 events	33721	34371	31700	31649	36347	81241
								15%	15%	14%	14%	14%	19%
							grade 3 events	12364	12340	12120	12212	13065	37145
								5%	5%	5%	5%	5%	8%
							grade 4 events	12593	12356	12265	12222	12948	37360
								5%	5%	5%	5%	5%	8%
							grade 5 events	2152	2163	2042	2213	2425	8710
								0%	0%	0%	1%	0%	2%
							grade 6 events	28095	28766	26347	25583	33617	121910
								12%	12%	12%	11%	13%	29%
							grade 7 events	28102	28094	28778	29050	29782	36410
								12%	12%	13%	13%	12%	8%

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	279.7849945483316
[deg] Pointing Dec	0	-11.17549843708901
[deg] Pointing Roll	0.0	88.15435084555845
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	163150614.667826	163150613.64309
Observation start date	2003-03-04T07:36:55	2003-03-04T07:36:53
[s] Observation end time (MET)	163172834.618762	163172833.59402
Observation end date	2003-03-04T13:47:15	2003-03-04T13:47:13
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	0.000000	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)	2012.11.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.46342472139

A.2 Comments