

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61363 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 30 2012

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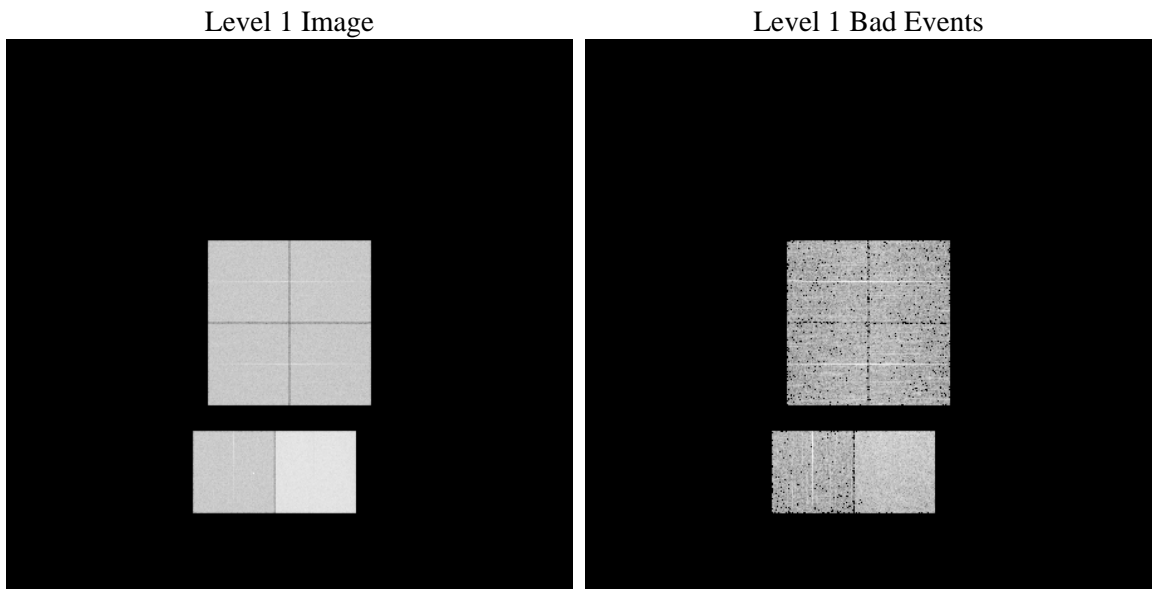
1 Front

seq_num	 	Sequence number
obs_id	61363	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	352.02333427654	Nominal RA [deg]
dec_nom	-11.517200067633	Nominal Dec [deg]
roll_nom	290.2839061714	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7485.1326328814	Sum of GTIs [s]
livetime	7390.3513764781	Livetime [s]
ontime0	3014.1624080837	Sum of GTIs [s]
ontime1	3043.3320373893	Sum of GTIs [s]
ontime2	2858.5936544836	Sum of GTIs [s]
ontime3	2831.1300251931	Sum of GTIs [s]
ontime6	3067.5205155462	Sum of GTIs [s]
ontime7	7485.1326328814	Sum of GTIs [s]
l2events	1221399	Number of level 2 events

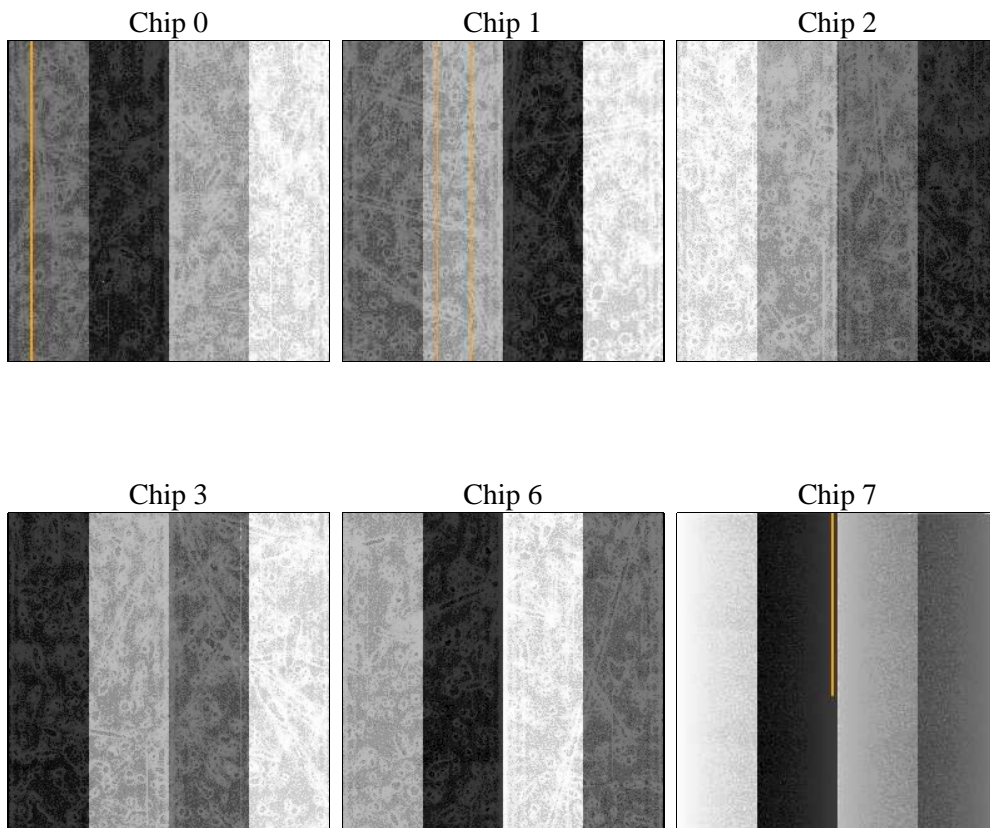
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7485.1326328814	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3014.1624080837	Sum of GTIs [s]
date	2012-09-30T03:53:42	Date and time of file creation	ontime1	3043.3320373893	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2858.5936544836	Sum of GTIs [s]
			ontime3	2831.1300251931	Sum of GTIs [s]
			ontime6	3067.5205155462	Sum of GTIs [s]
			ontime7	7485.1326328814	Sum of GTIs [s]
			l1events	1421477	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	189027	191035	182386	182136	202374	474519	grade 0 events	92051	93660	89309	88921	98078	111257
rejected events	21816	21155	21705	22559	22567	38656		48%	49%	48%	48%	48%	23%
rejected %	11%	11%	11%	12%	11%	8%	grade 1 events	484	441	465	484	510	320
								0%	0%	0%	0%	0%	0%
							grade 2 events	29548	29984	28315	27979	30866	97036
								15%	15%	15%	15%	15%	20%
							grade 3 events	10628	10693	10308	10050	11038	44007
								5%	5%	5%	5%	5%	9%
							grade 4 events	10591	10745	9976	10208	11217	44065
								5%	5%	5%	5%	5%	9%
							grade 5 events	1569	1585	1434	1495	1626	7990
								0%	0%	0%	0%	0%	1%
							grade 6 events	24393	24798	22773	22419	28781	139498
								12%	12%	12%	12%	14%	29%
							grade 7 events	19763	19129	19806	20580	20258	30346
								10%	10%	10%	11%	10%	6%

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	352.0233342765422
[deg] Pointing Dec	0	-11.51720006763316
[deg] Pointing Roll	0.0	290.2839061713963
[mm] SIM focus pos	-0.782348	-1.038866356238299
[mm] SIM defocus	0	0.4944702831659975
[mm] SIM translation stage pos	-233.592463	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	126335138.497	126335137.72855
Observation start date	2002-01-02T05:05:38	2002-01-02T05:05:37
[s] Observation end time (MET)	126364621.598	126364620.82973
Observation end date	2002-01-02T13:17:02	2002-01-02T13:17:00
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.4851326328814

A.2 Comments