

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60951 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 18 2012

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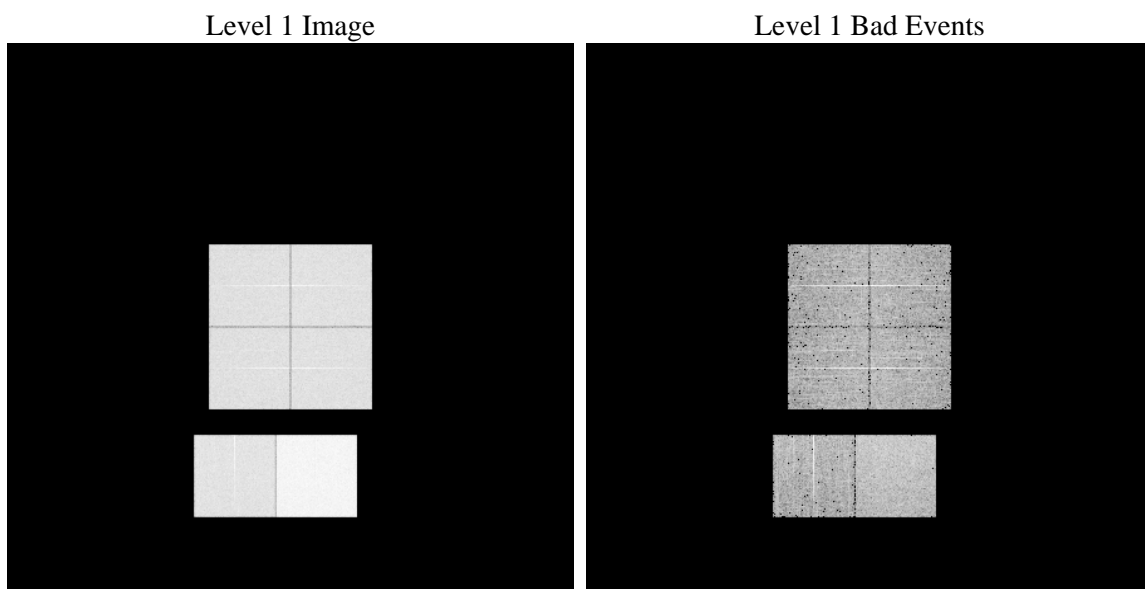
1 Front

seq_num	 	Sequence number
obs_id	60951	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	5.0262425860221	Nominal RA [deg]
dec_nom	-12.012628634097	Nominal Dec [deg]
roll_nom	300.9836749439	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8424.3289766908	Sum of GTIs [s]
livetime	8317.655050666	Livetime [s]
ontime0	4171.2055977285	Sum of GTIs [s]
ontime1	4317.9324103296	Sum of GTIs [s]
ontime2	4068.335126847	Sum of GTIs [s]
ontime3	4119.3498642743	Sum of GTIs [s]
ontime6	4398.8755436838	Sum of GTIs [s]
ontime7	8424.3289766908	Sum of GTIs [s]
l2events	1298019	Number of level 2 events

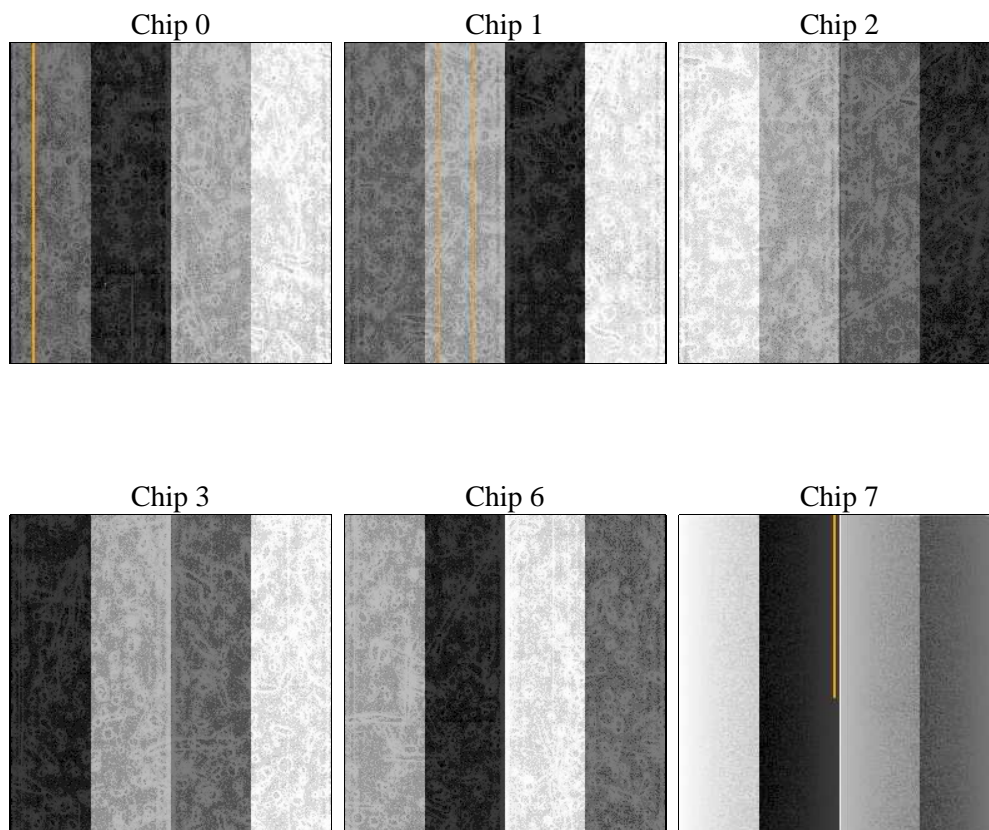
2 OBI

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	8424.3289766908	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	4171.2055977285	Sum of GTIs [s]
date	2012-10-18T01:56:18	Date and time of file creation	ontime1	4317.9324103296	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4068.335126847	Sum of GTIs [s]
			ontime3	4119.3498642743	Sum of GTIs [s]
			ontime6	4398.8755436838	Sum of GTIs [s]
			ontime7	8424.3289766908	Sum of GTIs [s]
			l1events	1546937	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	214465	221999	213780	217770	238533	440390	grade 0 events	102975	106342	103518	105643	112930	100116
rejected events	27938	28220	29224	29875	31007	44761		48%	47%	48%	48%	47%	22%
rejected %	13%	12%	13%	13%	12%	10%	grade 1 events	558	529	622	632	614	281
								0%	0%	0%	0%	0%	0%
							grade 2 events	32575	34434	31273	32014	35522	87597
								15%	15%	14%	14%	14%	19%
							grade 3 events	12112	12277	12037	12307	13077	40163
								5%	5%	5%	5%	5%	9%
							grade 4 events	11936	12243	12034	12139	13052	39486
								5%	5%	5%	5%	5%	8%
							grade 5 events	1977	2013	1858	2150	2280	8495
								0%	0%	0%	0%	0%	1%
							grade 6 events	27237	28775	25980	26093	33405	128942
								12%	12%	12%	11%	14%	29%
							grade 7 events	25095	25386	26458	26792	27653	35310
								11%	11%	12%	12%	11%	8%

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	5.026242586022136	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-12.01262863409708	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	300.9836749439048			
[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)	154467794.204367	154467793.17965			
Observation start date	2002-11-23T19:43:14	2002-11-23T19:43:13			
[s] Observation end time (MET)	154492094.905378	154492093.88066			
Observation end date	2002-11-24T02:28:15	2002-11-24T02:28:13			
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)	2012.10.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4243289766908

A.2 Comments