

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61177 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 8 2012

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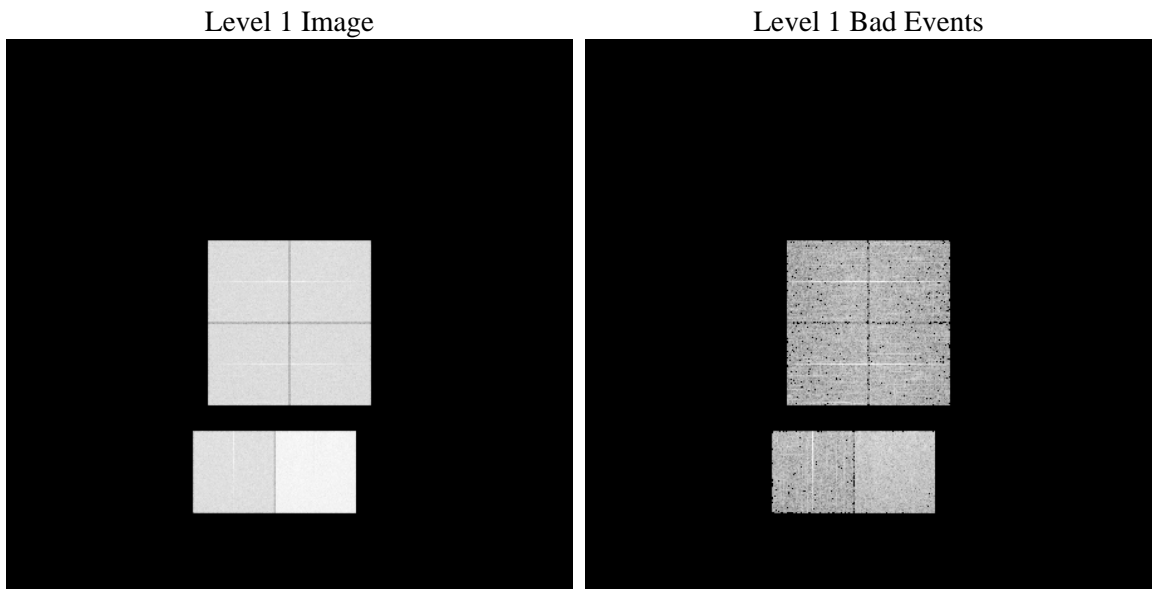
1 Front

seq_num	 	Sequence number
obs_id	61177	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	161.00237427107	Nominal RA [deg]
dec_nom	-11.028528342412	Nominal Dec [deg]
roll_nom	241.83187875423	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8463.6414331794	Sum of GTIs [s]
livetime	8356.4697091594	Livetime [s]
ontime0	3747.9877363443	Sum of GTIs [s]
ontime1	3775.8030488789	Sum of GTIs [s]
ontime2	3576.1318228543	Sum of GTIs [s]
ontime3	3626.7159764171	Sum of GTIs [s]
ontime6	3941.0943147242	Sum of GTIs [s]
ontime7	8463.6414331794	Sum of GTIs [s]
l2events	1322955	Number of level 2 events

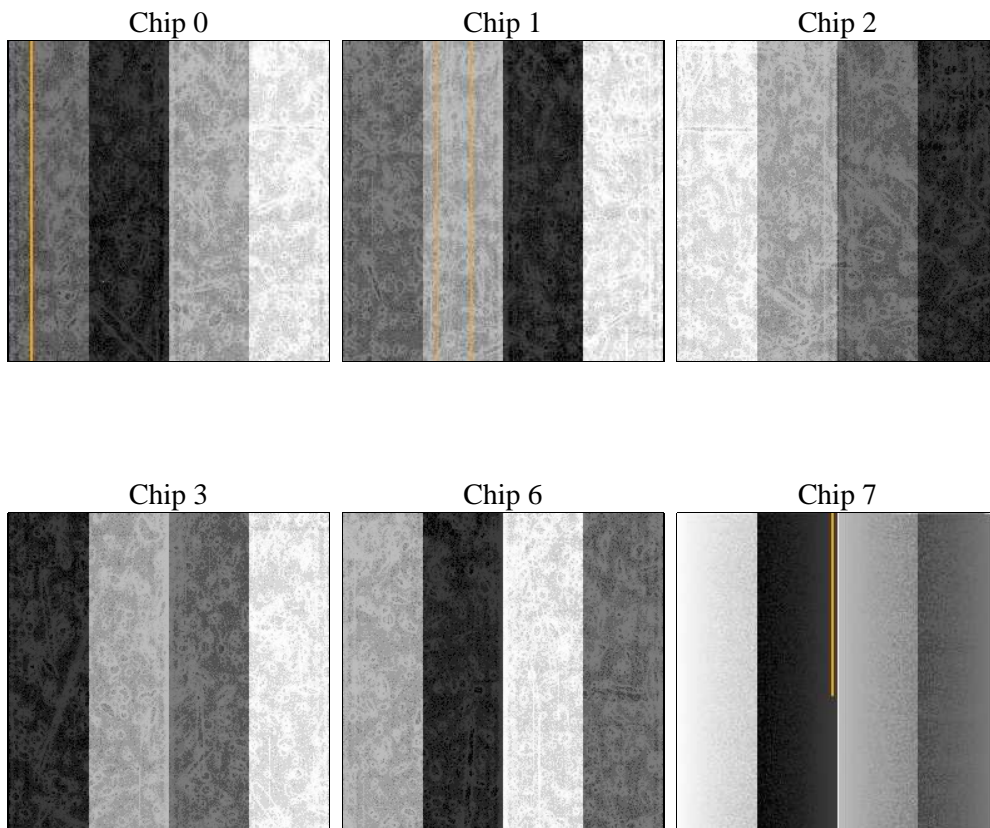
2 OBI

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	8463.6414331794	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3747.9877363443	Sum of GTIs [s]
date	2012-10-08T14:02:25	Date and time of file creation	ontime1	3775.8030488789	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3576.1318228543	Sum of GTIs [s]
			ontime3	3626.7159764171	Sum of GTIs [s]
			ontime6	3941.0943147242	Sum of GTIs [s]
			ontime7	8463.6414331794	Sum of GTIs [s]
			l1events	1558235	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	211146	214762	205921	209235	233513	483658	grade 0 events	102384	103931	99661	101830	112009	110280
rejected events	25747	26119	26160	27270	27914	44696		48%	48%	48%	48%	47%	22%
rejected %	12%	12%	12%	13%	11%	9%	grade 1 events	536	503	498	534	551	300
								0%	0%	0%	0%	0%	0%
							grade 2 events	32854	33331	31953	31520	35647	96440
								15%	15%	15%	15%	15%	19%
							grade 3 events	11833	11949	11141	11620	12709	44605
								5%	5%	5%	5%	5%	9%
							grade 4 events	11698	11985	11378	11666	12556	44242
								5%	5%	5%	5%	5%	9%
							grade 5 events	1769	1799	1668	1762	2101	8955
								0%	0%	0%	0%	0%	1%
							grade 6 events	26799	27447	25776	25329	32678	143557
								12%	12%	12%	12%	13%	29%
							grade 7 events	23273	23817	23846	24974	25262	35279
								11%	11%	11%	11%	10%	7%

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	161.0023742710718	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-11.0285283424118	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	241.831878754226			
[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)	139390580.682	139390579.65754			
Observation start date	2002-06-02T07:36:21	2002-06-02T07:36:19			
[s] Observation end time (MET)	139411890.433	139411889.40841			
Observation end date	2002-06-02T13:31:30	2002-06-02T13:31:29			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4636414331794

A.2 Comments