

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 62836 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 11 2012

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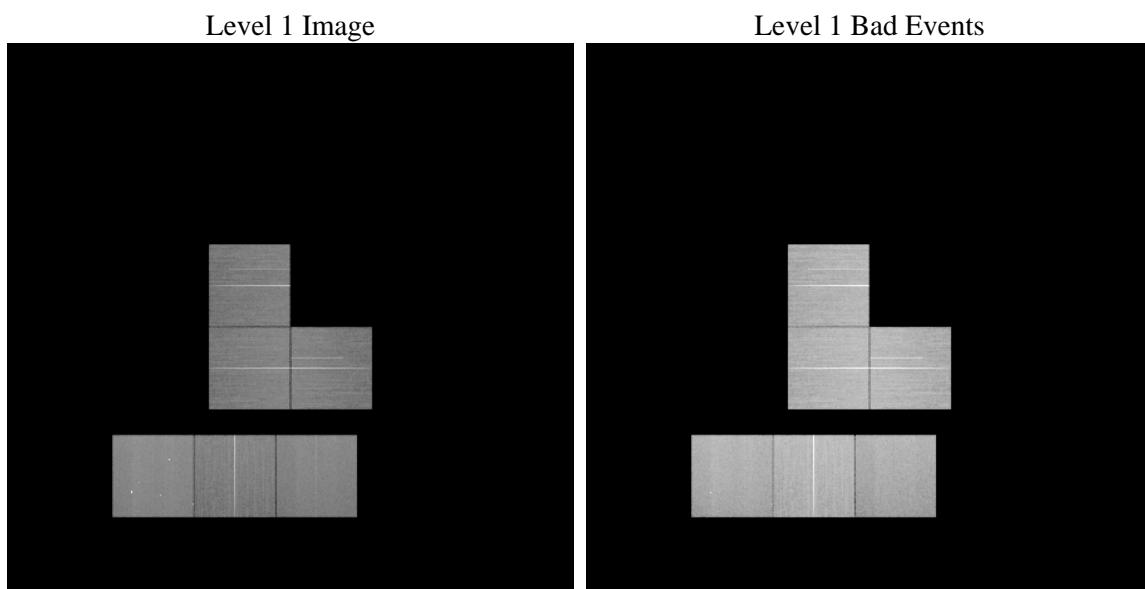
1 Front

seq_num	 	Sequence number
obs_id	62836	Observation id
title	ACIS-023567 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	283.67917319074	Nominal RA [deg]
dec_nom	-37.696432636349	Nominal Dec [deg]
roll_nom	266.72891710326	Nominal Roll [deg]
revision	3	Processing version of data
ontime	47218.947747946	Sum of GTIs [s]
livetime	46621.032999724	Livetime [s]
ontime0	47212.30168727	Sum of GTIs [s]
ontime2	47212.342677414	Sum of GTIs [s]
ontime3	47205.901936352	Sum of GTIs [s]
ontime5	47218.906707942	Sum of GTIs [s]
ontime6	47212.506907195	Sum of GTIs [s]
ontime7	47218.947747946	Sum of GTIs [s]
l2events	427735	Number of level 2 events

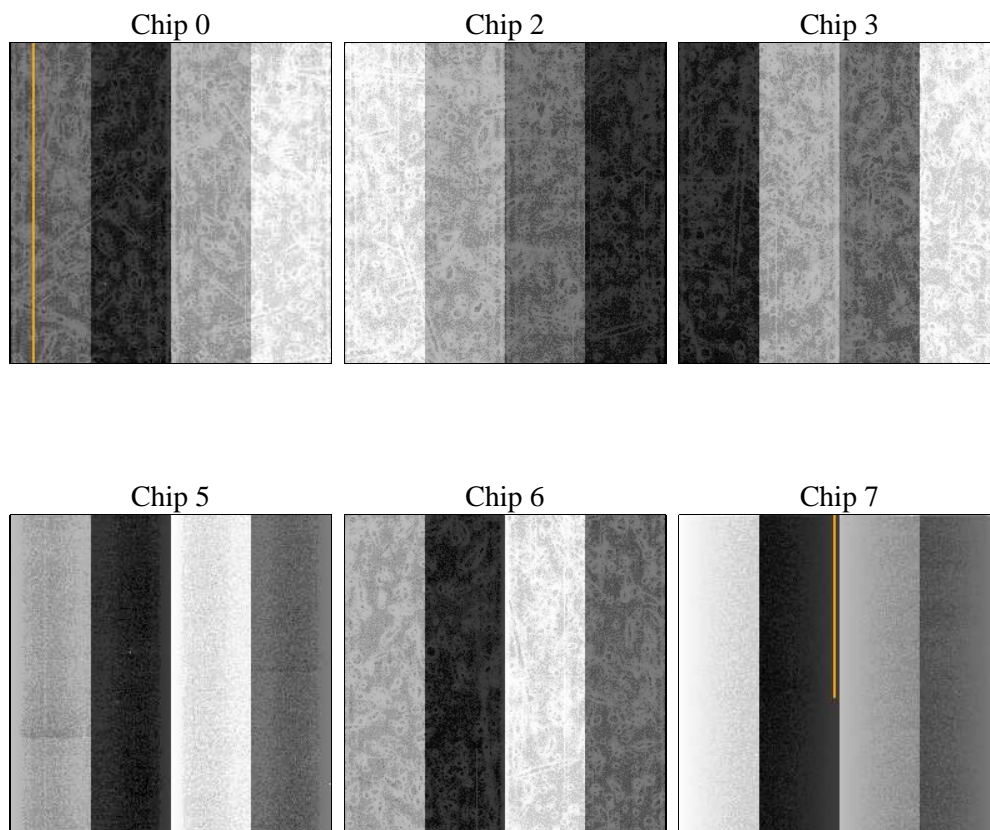
2 OBI

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	8.5	Processing system revision	ontime	47218.947747946	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	47212.30168727	Sum of GTIs [s]
date	2012-12-11T05:11:50	Date and time of file creation	ontime2	47212.342677414	Sum of GTIs [s]
revision	3	Processing version of data	ontime3	47205.901936352	Sum of GTIs [s]
			ontime5	47218.906707942	Sum of GTIs [s]
			ontime6	47212.506907195	Sum of GTIs [s]
			ontime7	47218.947747946	Sum of GTIs [s]
			l1events	1973787	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7		ccd 0	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	288226	320316	303927	412548	315893	332877	grade 0 events	9137	9036	8584	18673	9540	12645
rejected events	259423	292722	277245	206673	285614	183186		3%	2%	2%	4%	3%	3%
rejected %	90%	91%	91%	50%	90%	55%	grade 1 events	146	147	155	860	127	302
								0%	0%	0%	0%	0%	0%
							grade 2 events	7016	6720	5921	62930	6877	29580
								2%	2%	1%	15%	2%	8%
							grade 3 events	3553	3280	3343	9324	3568	14282
								1%	1%	1%	2%	1%	4%
							grade 4 events	3177	3179	3300	8947	3350	14385
								1%	0%	1%	2%	1%	4%
							grade 5 events	10776	9978	11875	33609	12552	36113
								3%	3%	3%	8%	3%	10%
							grade 6 events	5921	5382	5535	106015	6948	78809
								2%	1%	1%	25%	2%	23%
							grade 7 events	248500	282594	265214	172190	272931	146761
								86%	88%	87%	41%	86%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-023567	ACIS-023567	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	283.6791731907398	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-37.6964326363492	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	266.7289171032573			
[mm] SIM focus pos	-0.684267	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	-190.132523	51.9960404362608			
[mm] SIM translation stage offset	0	74.98944845534076			
[s] Observation start time (MET)	215959145.863803	215959144.83878			
Observation start date	2004-11-04T12:39:06	2004-11-04T12:39:04			
[s] Observation end time (MET)	216008151.116004	216008150.09098			
Observation end date	2004-11-05T02:15:51	2004-11-05T02:15:50			
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)	2013.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	47.218947747946

A.2 Comments