

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61180 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 8 2012

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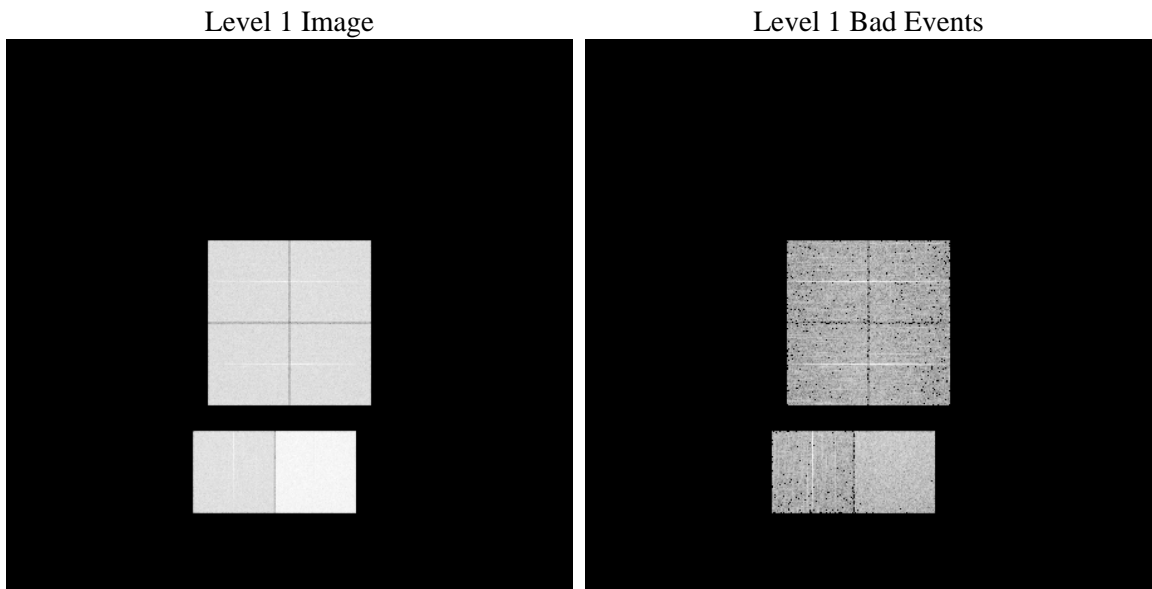
1 Front

seq_num	 	Sequence number
obs_id	61180	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	279.9920813142	Nominal RA [deg]
dec_nom	-37.972065286722	Nominal Dec [deg]
roll_nom	69.789709058575	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7795.1999709606	Sum of GTIs [s]
livetime	7696.4924552224	Livetime [s]
ontime0	3346.6707578599	Sum of GTIs [s]
ontime1	3518.4855525792	Sum of GTIs [s]
ontime2	3304.6194174886	Sum of GTIs [s]
ontime3	3361.5340975821	Sum of GTIs [s]
ontime6	3657.9310085773	Sum of GTIs [s]
ontime7	7795.1999709606	Sum of GTIs [s]
l2events	1224407	Number of level 2 events

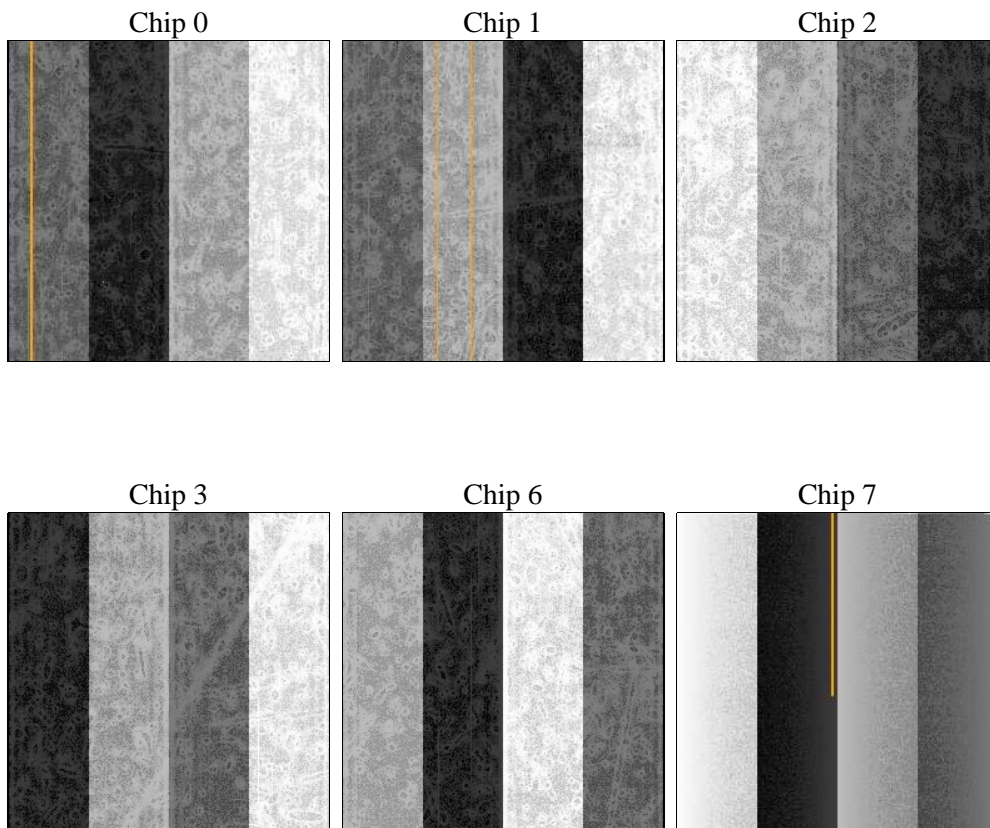
2 OBI

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	7795.1999709606	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3346.6707578599	Sum of GTIs [s]
date	2012-10-08T11:53:10	Date and time of file creation	ontime1	3518.4855525792	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3304.6194174886	Sum of GTIs [s]
			ontime3	3361.5340975821	Sum of GTIs [s]
			ontime6	3657.9310085773	Sum of GTIs [s]
			ontime7	7795.1999709606	Sum of GTIs [s]
			l1events	1439307	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	189946	199183	191341	193993	217697	447147	grade 0 events	91606	97305	92637	95286	104312	103517
rejected events	23245	23110	24579	24558	26139	40285		48%	48%	48%	49%	47%	23%
rejected %	12%	11%	12%	12%	12%	9%	grade 1 events	478	494	439	459	495	290
								0%	0%	0%	0%	0%	0%
							grade 2 events	29775	30935	29767	29293	33295	90106
								15%	15%	15%	15%	15%	20%
							grade 3 events	10566	11286	10527	10783	11862	41294
								5%	5%	5%	5%	5%	9%
							grade 4 events	10473	11156	10531	10728	11907	41313
								5%	5%	5%	5%	5%	9%
							grade 5 events	1573	1745	1562	1764	1926	8090
								0%	0%	0%	0%	0%	1%
							grade 6 events	24281	25391	23300	23345	30182	130632
								12%	12%	12%	12%	13%	29%
							grade 7 events	21194	20871	22578	22335	23718	31905
								11%	10%	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	279.9920813141963	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-37.97206528672166	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	69.7897090585752			
[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)	139122627.221	139122626.1966			
Observation start date	2002-05-30T05:10:27	2002-05-30T05:10:26			
[s] Observation end time (MET)	139159379.623	139159378.5981			
Observation end date	2002-05-30T15:23:00	2002-05-30T15:22:58			
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)	2012.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999709606

A.2 Comments