

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60915 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jan 15 2013

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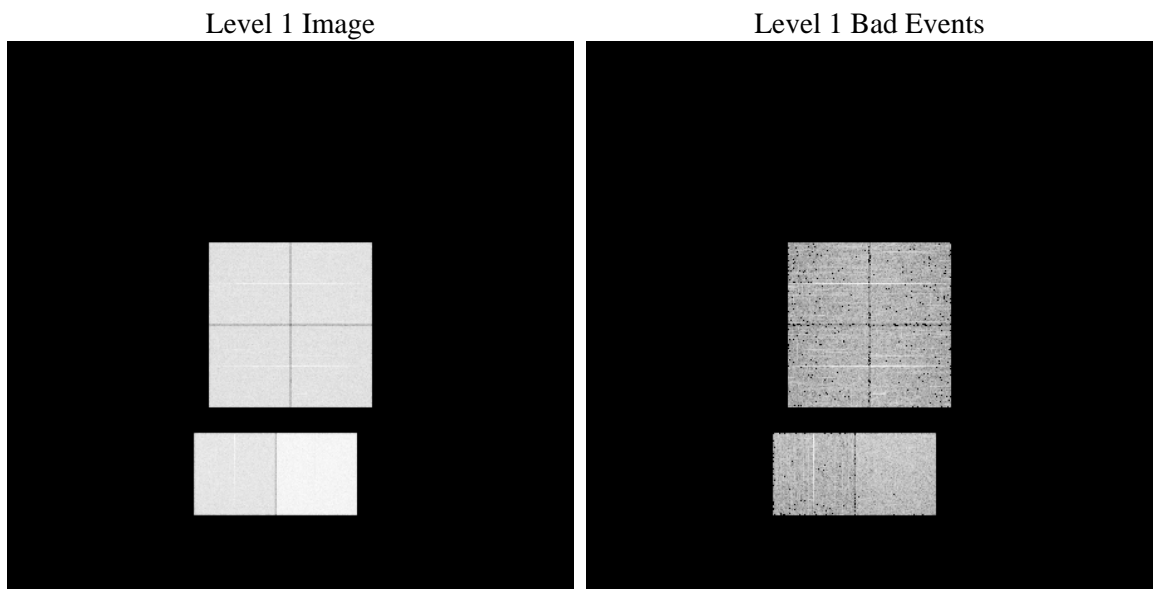
1 Front

seq_num	 	Sequence number
obs_id	60915	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	141.31287951745	Nominal RA [deg]
dec_nom	-72.871656053311	Nominal Dec [deg]
roll_nom	49.484453694585	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime0	4032.3889812231	Sum of GTIs [s]
ontime1	4184.7172330022	Sum of GTIs [s]
ontime2	3902.7493542731	Sum of GTIs [s]
ontime3	3935.1593758464	Sum of GTIs [s]
ontime6	4377.2193328142	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
l2events	1204041	Number of level 2 events

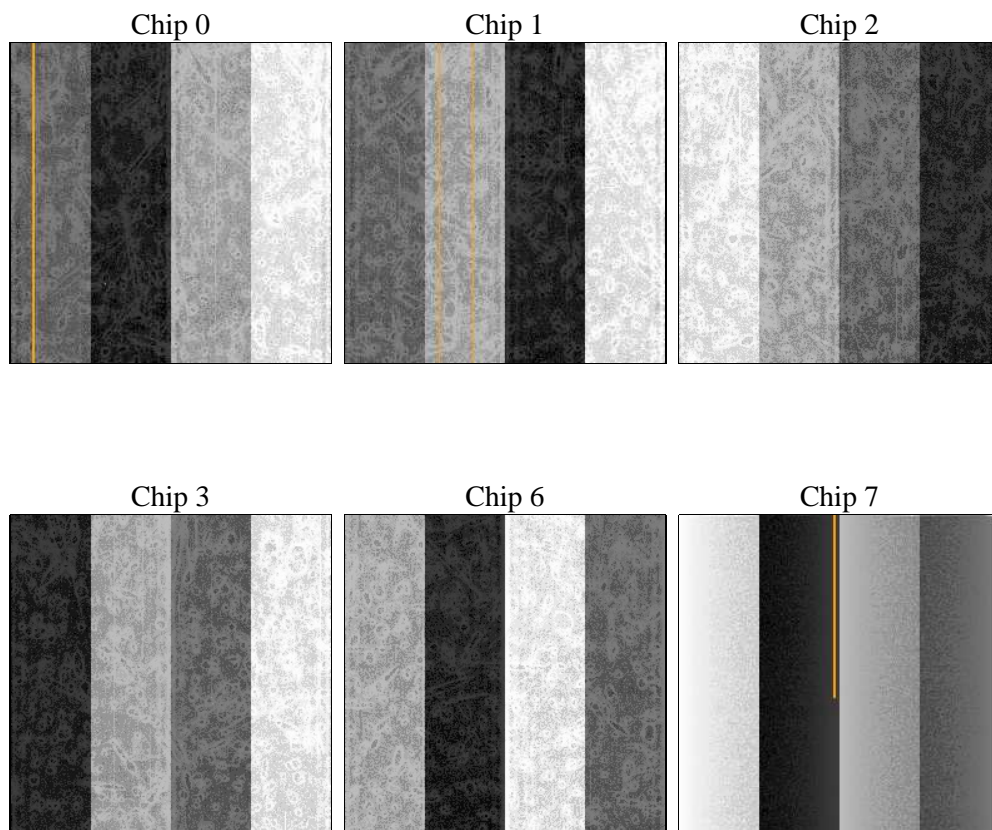
2 OBI

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	8.5.1.1	Processing system revision	ontime	7798.3999709487	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	4032.3889812231	Sum of GTIs [s]
date	2013-01-15T21:28:17	Date and time of file creation	ontime1	4184.7172330022	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3902.7493542731	Sum of GTIs [s]
			ontime3	3935.1593758464	Sum of GTIs [s]
			ontime6	4377.2193328142	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			l1events	1430526	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	200711	208596	197107	200882	229194	394036	grade 0 events	96704	100322	96603	97506	109456	89340
rejected events	25968	25991	25661	27813	28515	38715		48%	48%	49%	48%	47%	22%
rejected %	12%	12%	13%	13%	12%	9%	grade 1 events	488	458	529	545	501	261
								0%	0%	0%	0%	0%	0%
							grade 2 events	30332	32585	28747	29440	34587	78876
								15%	15%	14%	14%	15%	20%
							grade 3 events	11131	11595	11005	11366	12374	35775
								5%	5%	5%	5%	5%	9%
							grade 4 events	11174	11539	11263	11328	12504	35825
								5%	5%	5%	5%	5%	9%
							grade 5 events	1767	1918	1772	1821	2130	7607
								0%	0%	0%	0%	0%	1%
							grade 6 events	25402	26564	23828	23429	31758	115505
								12%	12%	12%	11%	13%	29%
							grade 7 events	23713	23615	23360	25447	25884	30847
								11%	11%	11%	12%	11%	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	141.3128795174528	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-72.87165605331096	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	49.48445369458497			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	156715330.248072	156715329.22337			
Observation start date	2002-12-19T20:02:10	2002-12-19T20:02:09			
[s] Observation end time (MET)	156749710.799504	156749709.77481			
Observation end date	2002-12-20T05:35:11	2002-12-20T05:35:09			
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)	2013.01.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments