

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61031 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 14 2012

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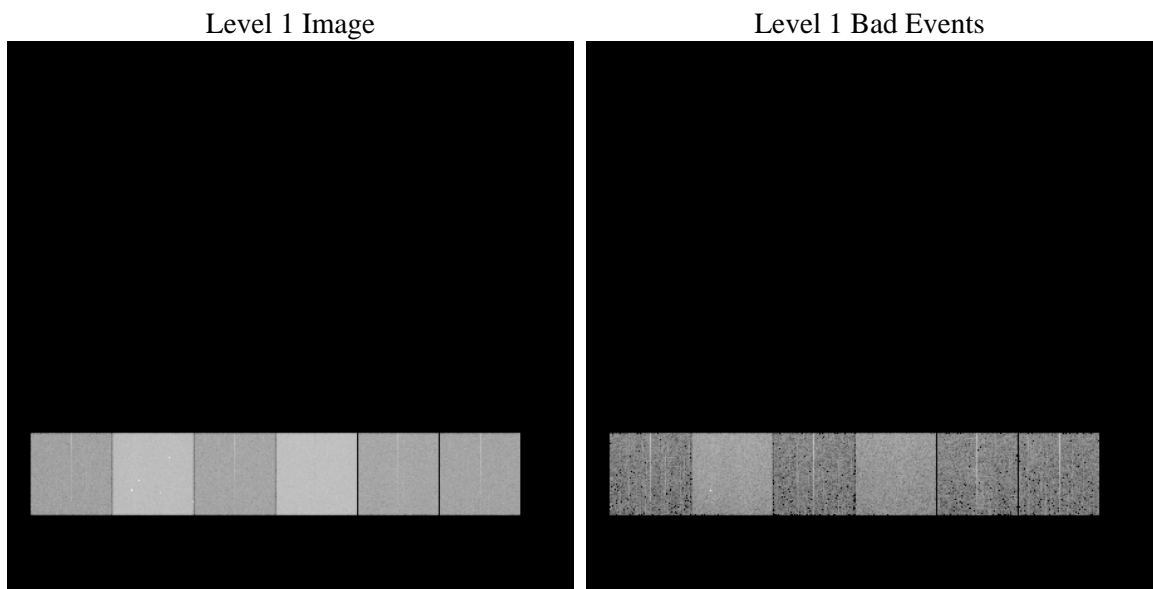
1 Front

seq_num	 	Sequence number
obs_id	61031	Observation id
title	ACIS-456789 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	299.03494816822	Nominal RA [deg]
dec_nom	-46.015122674926	Nominal Dec [deg]
roll_nom	295.25437295703	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8257.0072889626	Sum of GTIs [s]
livetime	8152.4520908969	Livetime [s]
ontime4	2871.5582140684	Sum of GTIs [s]
ontime5	8357.4361172915	Sum of GTIs [s]
ontime6	3158.8627792895	Sum of GTIs [s]
ontime7	8257.0072889626	Sum of GTIs [s]
ontime8	3195.6614959836	Sum of GTIs [s]
ontime9	3068.237267822	Sum of GTIs [s]
l2events	1279958	Number of level 2 events

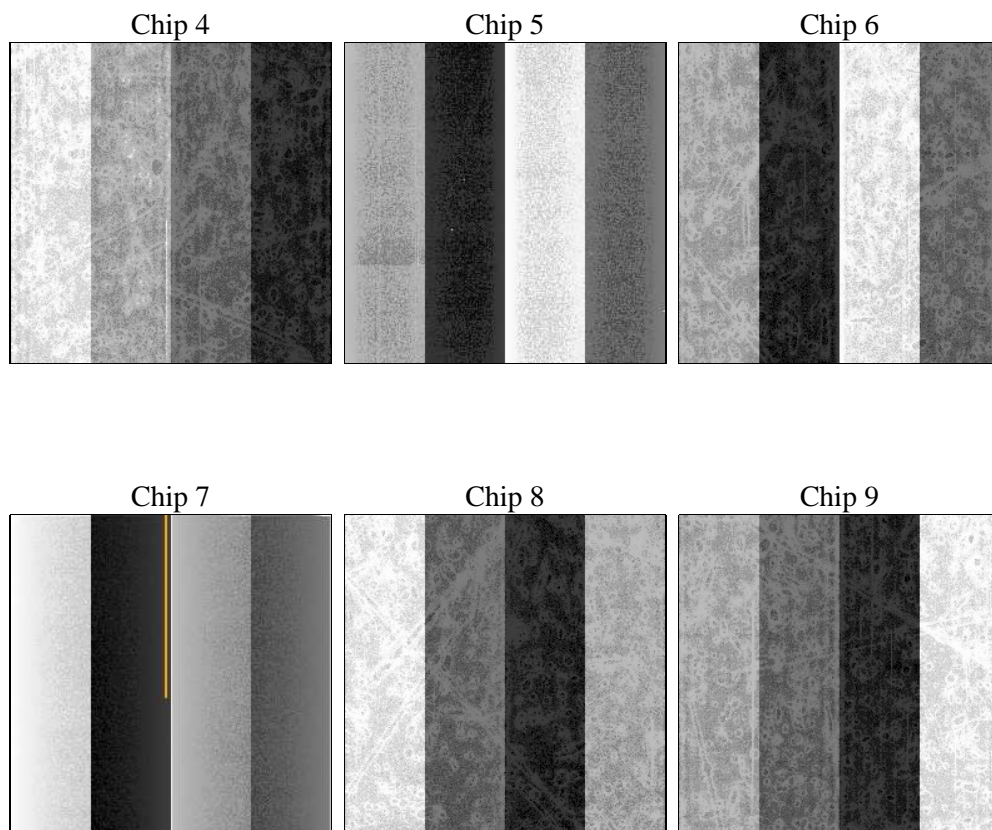
2 OBI

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	8257.0072889626	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2871.5582140684	Sum of GTIs [s]
date	2012-10-14T21:25:14	Date and time of file creation	ontime5	8357.4361172915	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3158.8627792895	Sum of GTIs [s]
			ontime7	8257.0072889626	Sum of GTIs [s]
			ontime8	3195.6614959836	Sum of GTIs [s]
			ontime9	3068.237267822	Sum of GTIs [s]
			l1events	1554929	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	153392	419121	178494	450635	184437	168850	grade 0 events	75931	76146	84738	101771	87788	80301
rejected events	25204	65564	25300	50144	27640	25681		49%	18%	47%	22%	47%	47%
rejected %	16%	15%	14%	11%	14%	15%	grade 1 events	599	270	418	270	452	481
								0%	0%	0%	0%	0%	0%
							grade 2 events	20038	137642	26715	89673	27498	24515
								13%	32%	14%	19%	14%	14%
							grade 3 events	8610	19987	9517	40872	9994	9253
								5%	4%	5%	9%	5%	5%
							grade 4 events	8649	19854	9613	40339	10089	9229
								5%	4%	5%	8%	5%	5%
							grade 5 events	1502	10559	1671	8851	1937	1770
								0%	2%	0%	1%	1%	1%
							grade 6 events	16221	104143	24356	132592	23039	21235
								10%	24%	13%	29%	12%	12%
							grade 7 events	21842	50520	21466	36267	23640	22066
								14%	12%	12%	8%	12%	13%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	299.0349481682182
[deg] Pointing Dec	0	-46.01512267492553
[deg] Pointing Roll	0.0	295.2543729570273
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	148527865.657845	148527864.63313
Observation start date	2002-09-16T01:44:26	2002-09-16T01:44:24
[s] Observation end time (MET)	148551885.508838	148551884.48412
Observation end date	2002-09-16T08:24:46	2002-09-16T08:24:44
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2570072889626

A.2 Comments