

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57009 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 10 2012

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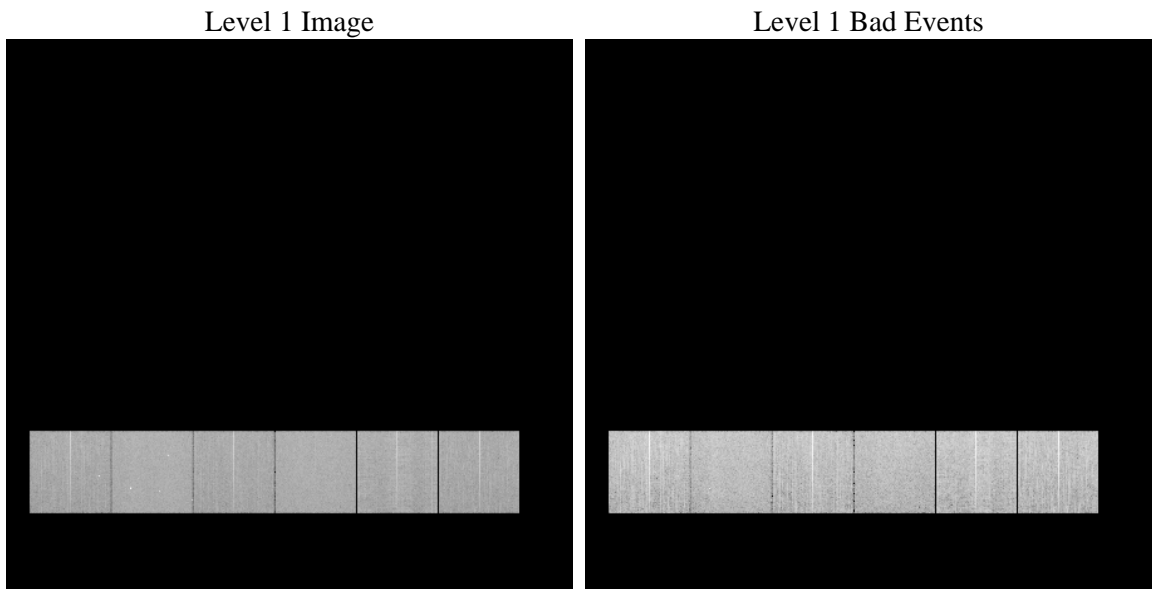
1 Front

seq_num	 	Sequence number
obs_id	57009	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	285.44690631039	Nominal RA [deg]
dec_nom	-6.3676522927269	Nominal Dec [deg]
roll_nom	153.34921613845	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8396.7999687791	Sum of GTIs [s]
livetime	8290.4746316285	Livetime [s]
ontime4	8396.7999687791	Sum of GTIs [s]
ontime5	8396.7999687791	Sum of GTIs [s]
ontime6	8396.7999687791	Sum of GTIs [s]
ontime7	8396.7999687791	Sum of GTIs [s]
ontime8	8396.7999687791	Sum of GTIs [s]
ontime9	8396.7999687791	Sum of GTIs [s]
l2events	527215	Number of level 2 events

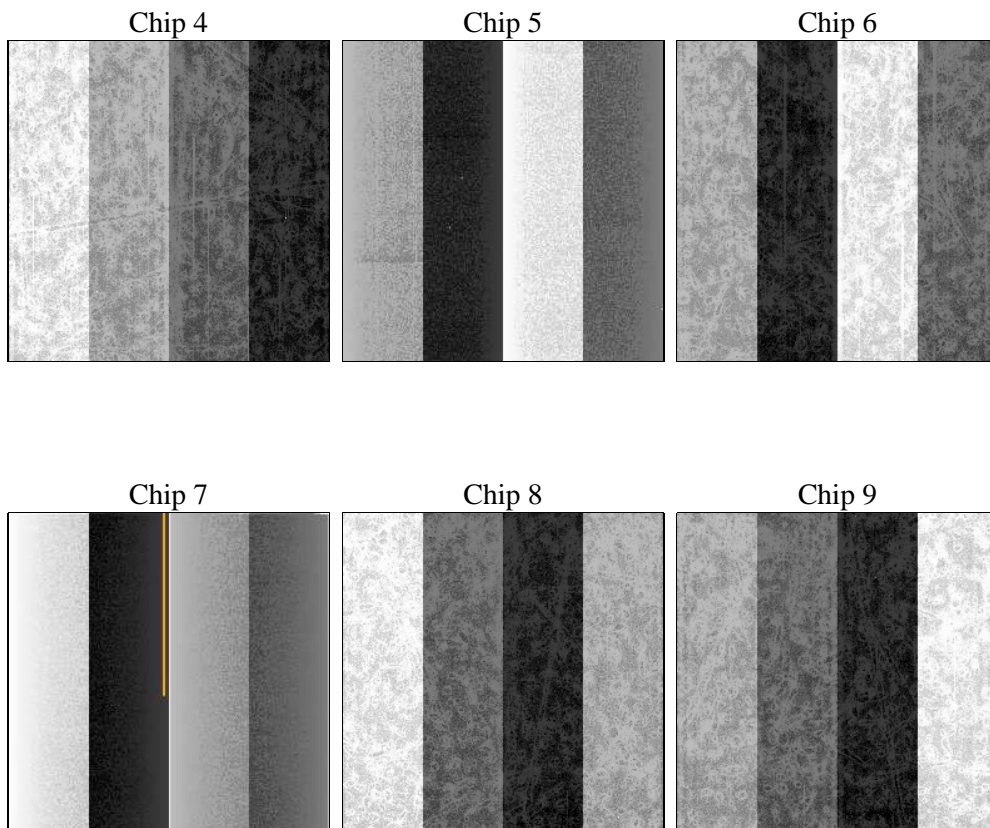
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8396.7999687791	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8396.7999687791	Sum of GTIs [s]
date	2012-06-09T10:11:22	Date and time of file creation	ontime5	8396.7999687791	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8396.7999687791	Sum of GTIs [s]
			ontime7	8396.7999687791	Sum of GTIs [s]
			ontime8	8396.7999687791	Sum of GTIs [s]
			ontime9	8396.7999687791	Sum of GTIs [s]
			l1events	1070464	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	166998	195250	165936	190772	186990	164518	grade 0 events	44297	16341	43133	21462	47871	42592
rejected events	89334	77086	83507	73259	89501	84668		26%	8%	25%	11%	25%	25%
rejected %	53%	39%	50%	38%	47%	51%	grade 1 events	476	258	294	167	320	336
								0%	0%	0%	0%	0%	0%
							grade 2 events	12729	42910	15049	25831	18572	14036
								7%	21%	9%	13%	9%	8%
							grade 3 events	5493	5252	5367	10849	7142	5403
								3%	2%	3%	5%	3%	3%
							grade 4 events	5426	5207	5336	10726	6992	5492
								3%	2%	3%	5%	3%	3%
							grade 5 events	4417	9995	4602	11354	5849	4996
								2%	5%	2%	5%	3%	3%
							grade 6 events	10200	49173	14049	49321	17472	12792
								6%	25%	8%	25%	9%	7%
							grade 7 events	83960	66114	78106	61062	82772	78871
								50%	33%	47%	32%	44%	47%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	285.4469063103938	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-6.36765229272685	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	153.349216138453	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673			
[mm] SIM defocus	0.7524282194390134	0.7524282194390134			
[mm] SIM translation stage pos	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	362385557.829778	362385557.829778			
Observation start date	2009-06-26T06:39:18	2009-06-26T06:39:17			
[s] Observation end time (MET)	362395553.921008	362395553.921008			
Observation end date	2009-06-26T09:25:54	2009-06-26T09:25:53			
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)	2012.06.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3967999687791

A.2 Comments