

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56299 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 24 2012

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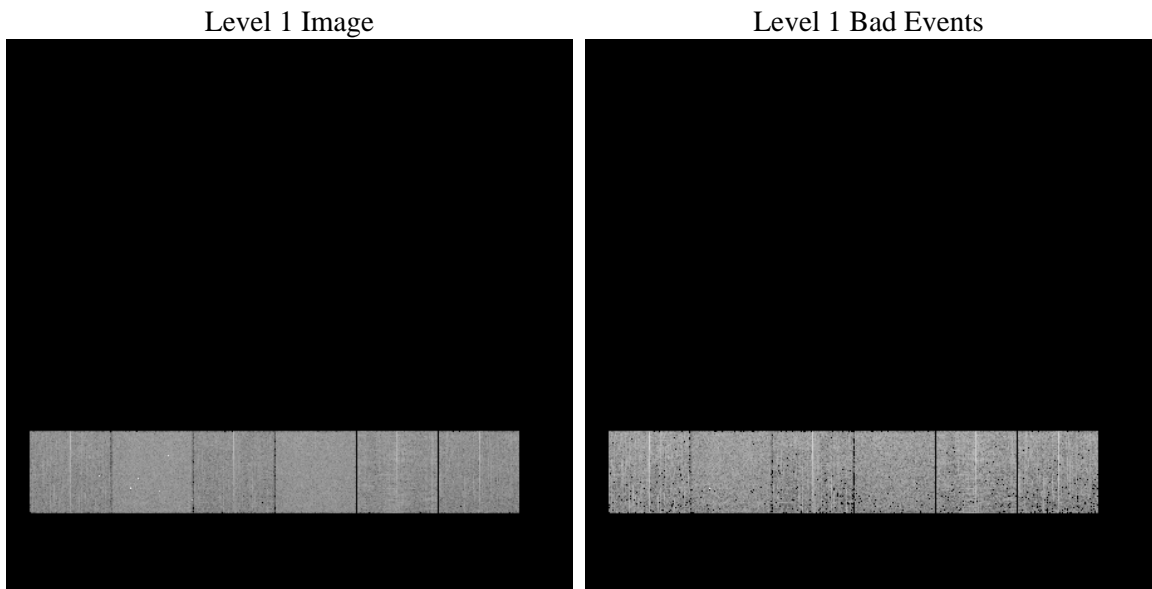
1 Front

seq_num	 	Sequence number
obs_id	56299	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	231.01813227646	Nominal RA [deg]
dec_nom	-7.9776859405093	Nominal Dec [deg]
roll_nom	108.44677752693	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3279.8943470716	Sum of GTIs [s]
livetime	3238.3623499338	Livetime [s]
ontime4	3279.8536452651	Sum of GTIs [s]
ontime5	3279.89436692	Sum of GTIs [s]
ontime6	3279.8943470716	Sum of GTIs [s]
ontime7	3279.8943470716	Sum of GTIs [s]
ontime8	3279.8126052618	Sum of GTIs [s]
ontime9	3279.876529634	Sum of GTIs [s]
l2events	171448	Number of level 2 events

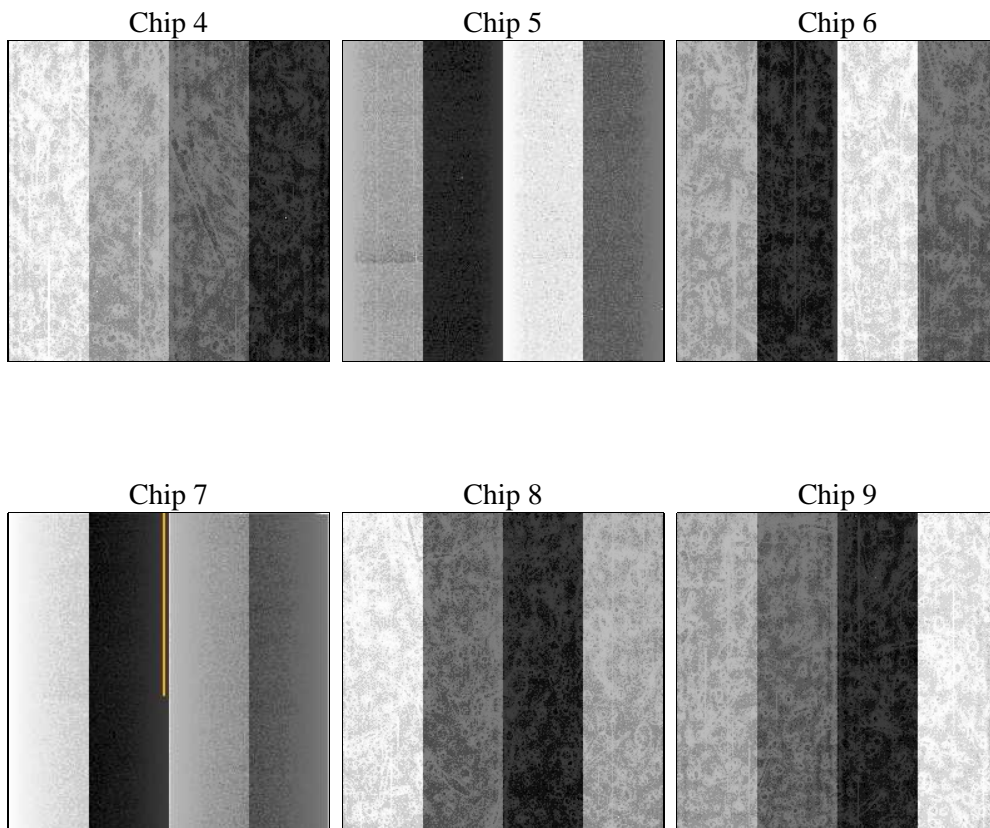
2 OBI

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	3279.8943470716	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	3279.8536452651	Sum of GTIs [s]
date	2012-06-24T22:35:14	Date and time of file creation	ontime5	3279.89436692	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3279.8943470716	Sum of GTIs [s]
			ontime7	3279.8943470716	Sum of GTIs [s]
			ontime8	3279.8126052618	Sum of GTIs [s]
			ontime9	3279.876529634	Sum of GTIs [s]
			l1events	356496	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	55890	68359	53063	65344	61175	52665	grade 0 events	14627	6041	13591	6986	15378	13468
rejected events	30191	27832	26805	26047	29316	27257		26%	8%	25%	10%	25%	25%
rejected %	54%	40%	50%	39%	47%	51%	grade 1 events	140	80	85	54	101	102
								0%	0%	0%	0%	0%	0%
							grade 2 events	4144	14536	4825	8472	6073	4440
								7%	21%	9%	12%	9%	8%
							grade 3 events	1763	1761	1796	3619	2396	1777
								3%	2%	3%	5%	3%	3%
							grade 4 events	1785	1757	1685	3653	2287	1728
								3%	2%	3%	5%	3%	3%
							grade 5 events	1563	3688	1654	4237	2153	1803
								2%	5%	3%	6%	3%	3%
							grade 6 events	3380	16432	4361	16567	5725	3995
								6%	24%	8%	25%	9%	7%
							grade 7 events	28488	24064	25066	21756	27062	25352
								50%	35%	47%	33%	44%	48%

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	NONE	UPDATED
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	231.0181322764588	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-7.97768594050928	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	108.4467775269346	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	388620167.652746	388620166.62772			
Observation start date	2010-04-25T22:02:48	2010-04-25T22:02:46			
[s] Observation end time (MET)	388625167.603001	388625166.57798			
Observation end date	2010-04-25T23:26:08	2010-04-25T23:26:06			
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)	2012.07.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2798943470716

A.2 Comments