

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57191 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 4 2012

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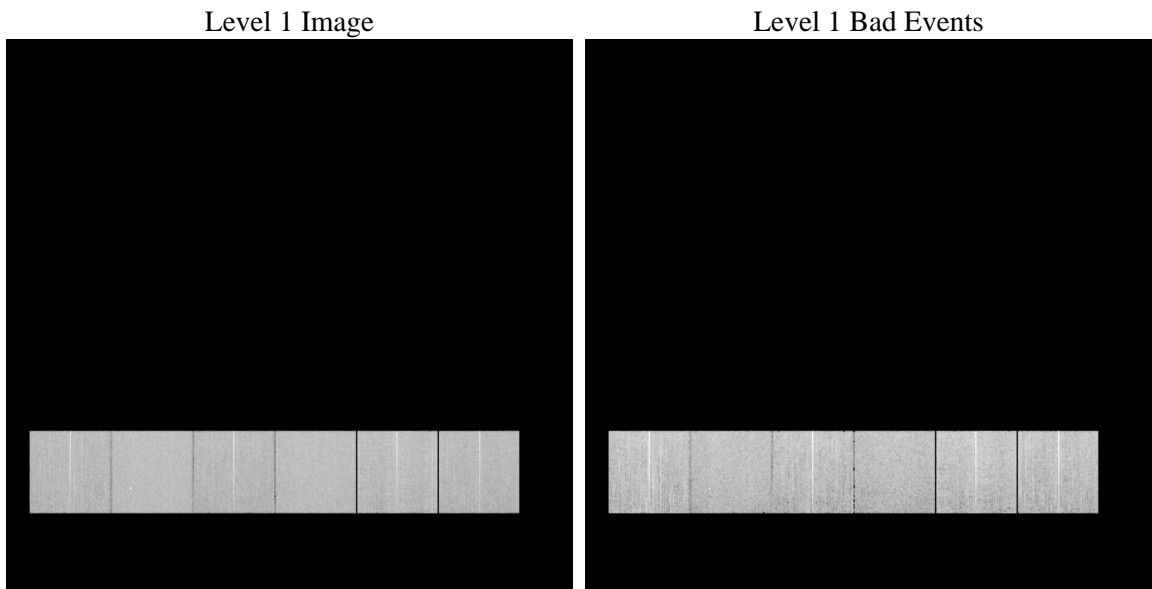
1 Front

seq_num	 	Sequence number
obs_id	57191	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	215.47235710948	Nominal RA [deg]
dec_nom	8.5088874784671	Nominal Dec [deg]
roll_nom	129.22148350999	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8374.3999688625	Sum of GTIs [s]
livetime	8268.3582739985	Livetime [s]
ontime4	8374.3999688625	Sum of GTIs [s]
ontime5	8374.3999688625	Sum of GTIs [s]
ontime6	8374.3999688625	Sum of GTIs [s]
ontime7	8374.3999688625	Sum of GTIs [s]
ontime8	8374.3999688625	Sum of GTIs [s]
ontime9	8371.1589685082	Sum of GTIs [s]
l2events	543907	Number of level 2 events

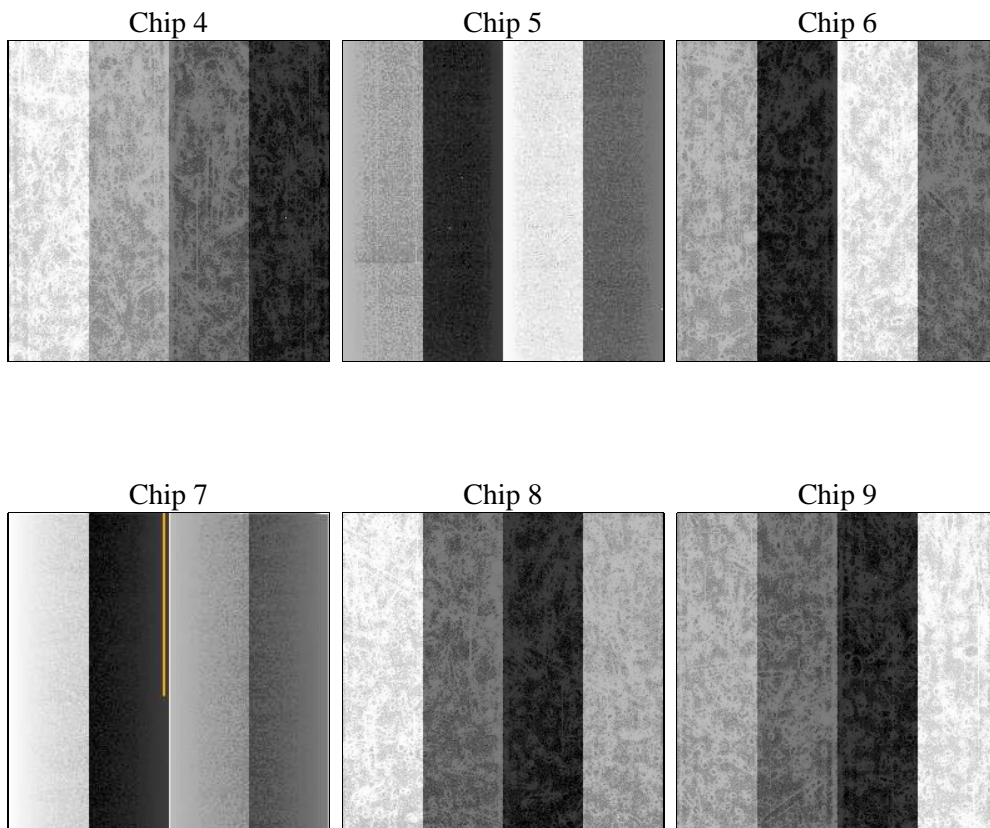
2 OBI

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	8.4.4	Processing system revision	ontime	8374.3999688625	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8374.3999688625	Sum of GTIs [s]
date	2012-06-04T01:38:38	Date and time of file creation	ontime5	8374.3999688625	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8374.3999688625	Sum of GTIs [s]
			ontime7	8374.3999688625	Sum of GTIs [s]
			ontime8	8374.3999688625	Sum of GTIs [s]
			ontime9	8371.1589685082	Sum of GTIs [s]
			l1events	1098117	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	171141	199700	169446	194920	194102	168808	grade 0 events	45456	17140	44963	22402	49560	44450
rejected events	91344	79136	84627	73783	93407	86179		26%	8%	26%	11%	25%	26%
rejected %	53%	39%	49%	37%	48%	51%	grade 1 events	467	208	300	169	377	355
								0%	0%	0%	0%	0%	0%
							grade 2 events	13117	43463	15186	26572	19099	14432
								7%	21%	8%	13%	9%	8%
							grade 3 events	5670	5997	5656	11337	7659	5670
								3%	3%	3%	5%	3%	3%
							grade 4 events	5604	5736	5554	11161	7422	5745
								3%	2%	3%	5%	3%	3%
							grade 5 events	4552	10486	4517	11815	6165	5130
								2%	5%	2%	6%	3%	3%
							grade 6 events	10675	49303	14280	50820	17836	13037
								6%	24%	8%	26%	9%	7%
							grade 7 events	85600	67367	78990	60644	85984	79989
								50%	33%	46%	31%	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	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	215.4723571094816	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	8.508887478467109	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	129.2214835099883	[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)	355526864.287928	355526863.26292			
Observation start date	2009-04-07T21:27:44	2009-04-07T21:27:43			
[s] Observation end time (MET)	355538961.33853	355538960.31352			
Observation end date	2009-04-08T00:49:21	2009-04-08T00:49:20			
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)	2012.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3743999688625

A.2 Comments