

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58299 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 28 2012

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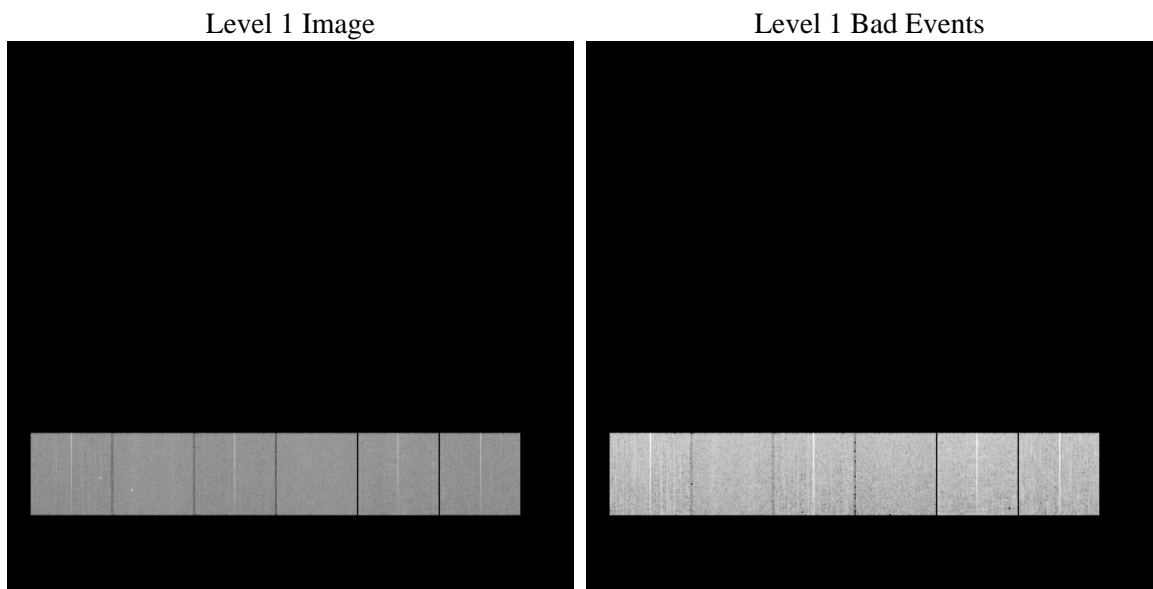
1 Front

seq_num	 	Sequence number
obs_id	58299	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	298.98580909886	Nominal RA [deg]
dec_nom	7.7740845725452	Nominal Dec [deg]
roll_nom	198.41403286625	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8268.5862498879	Sum of GTIs [s]
livetime	8163.884432047	Livetime [s]
ontime4	8268.463129878	Sum of GTIs [s]
ontime5	8268.5452098846	Sum of GTIs [s]
ontime6	8268.5041698813	Sum of GTIs [s]
ontime7	8268.5862498879	Sum of GTIs [s]
ontime8	8268.4220898747	Sum of GTIs [s]
ontime9	8268.6272898912	Sum of GTIs [s]
l2events	717873	Number of level 2 events

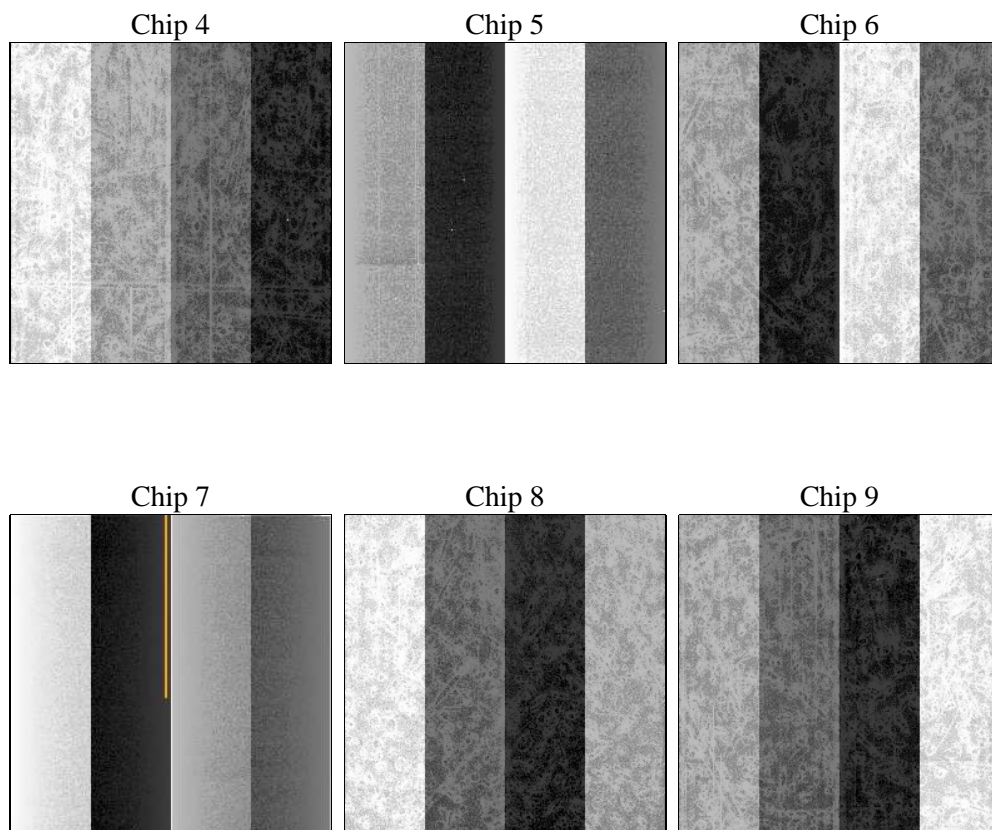
2 OBI

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	8268.5862498879	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8268.463129878	Sum of GTIs [s]
date	2012-04-28T17:44:02	Date and time of file creation	ontime5	8268.5452098846	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8268.5041698813	Sum of GTIs [s]
			ontime7	8268.5862498879	Sum of GTIs [s]
			ontime8	8268.4220898747	Sum of GTIs [s]
			ontime9	8268.6272898912	Sum of GTIs [s]
			l1events	1240311	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	199035	213991	197485	216231	217049	196520	grade 0 events	67390	20011	62554	30605	68535	63497
rejected events	85628	71818	77764	65323	85146	80505		33%	9%	31%	14%	31%	32%
rejected %	43%	33%	39%	30%	39%	40%	grade 1 events	690	232	347	158	451	466
								0%	0%	0%	0%	0%	0%
							grade 2 events	16335	55213	22462	33240	23696	19503
								8%	25%	11%	15%	10%	9%
							grade 3 events	7697	6184	7450	14025	8974	7617
								3%	2%	3%	6%	4%	3%
							grade 4 events	7700	5928	7307	13835	8755	7517
								3%	2%	3%	6%	4%	3%
							grade 5 events	3965	8949	4138	10305	5282	4719
								1%	4%	2%	4%	2%	2%
							grade 6 events	14331	54900	19994	59265	21986	17928
								7%	25%	10%	27%	10%	9%
							grade 7 events	80927	62574	73233	54798	79370	75273
								40%	29%	37%	25%	36%	38%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	298.9858090988565	Alternating exposures requested	N	N
[deg] Pointing Dec	0	7.774084572545233	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	198.414032866254			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	302071125.966528	302071124.94153			
Observation start date	2007-07-29T04:38:46	2007-07-29T04:38:44			
[s] Observation end time (MET)	302083858.517139	302083857.49214			
Observation end date	2007-07-29T08:10:59	2007-07-29T08:10:57			
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)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2685862498879

A.2 Comments