

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58566 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 18 2012

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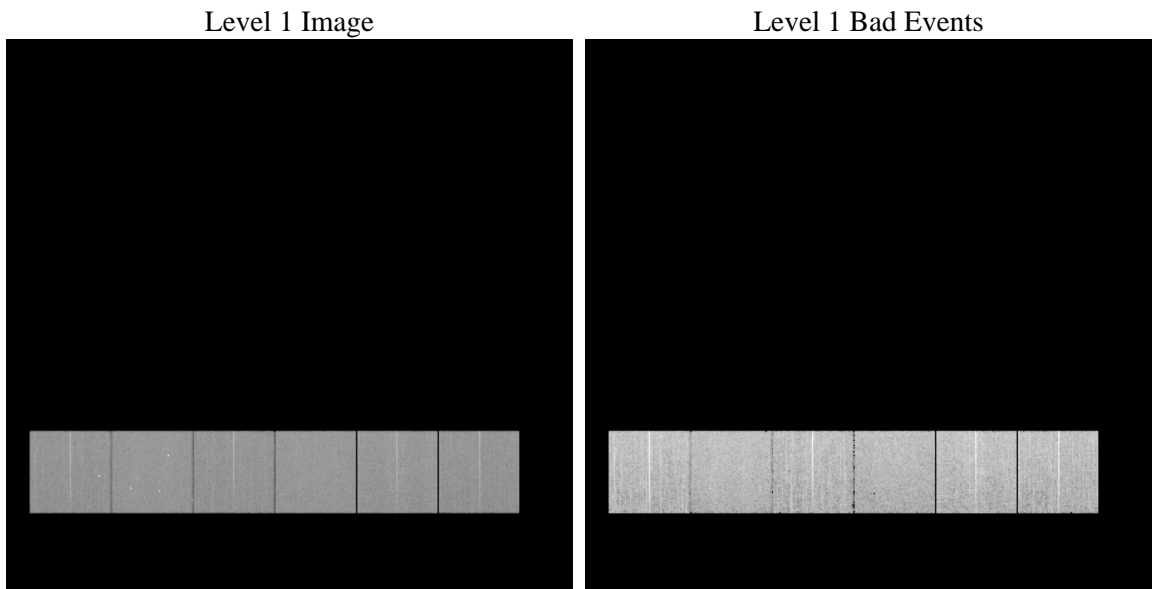
1 Front

seq_num	 	Sequence number
obs_id	58566	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	113.12773057962	Nominal RA [deg]
dec_nom	-6.4918845042636	Nominal Dec [deg]
roll_nom	343.55893828169	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8159.9999696612	Sum of GTIs [s]
livetime	8056.6731366833	Livetime [s]
ontime4	8159.9999696612	Sum of GTIs [s]
ontime5	8159.9999696612	Sum of GTIs [s]
ontime6	8159.9999696612	Sum of GTIs [s]
ontime7	8159.9999696612	Sum of GTIs [s]
ontime8	8159.9999696612	Sum of GTIs [s]
ontime9	8159.9999696612	Sum of GTIs [s]
l2events	800943	Number of level 2 events

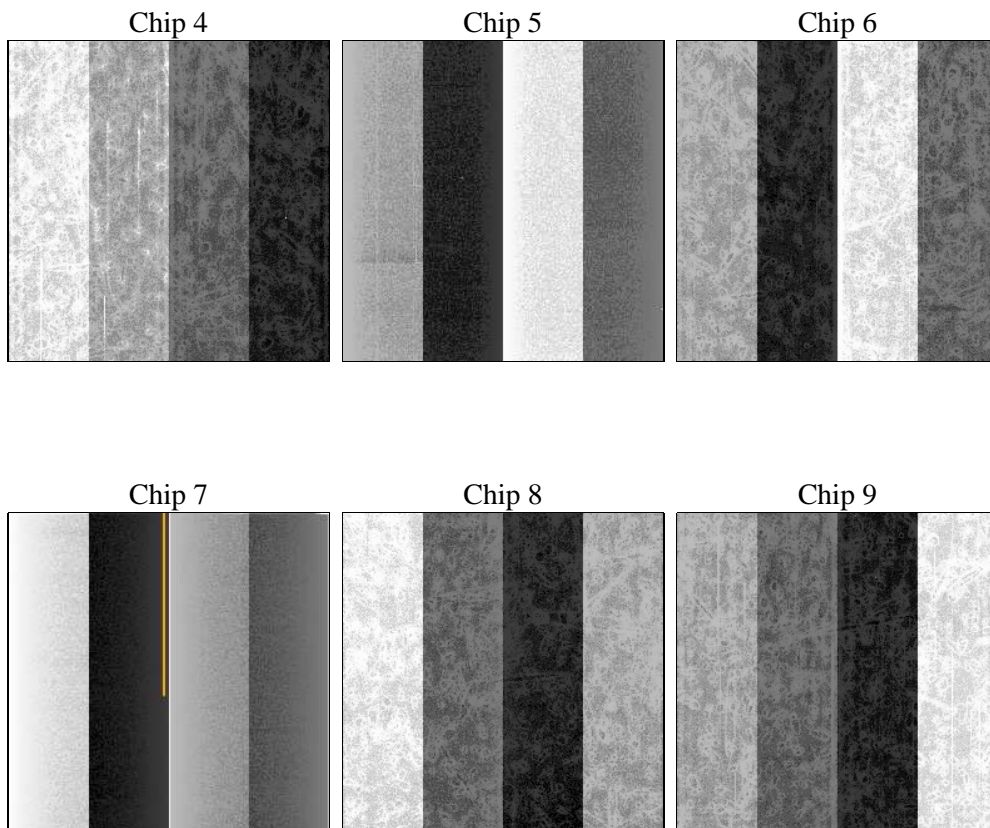
2 OBI

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	8159.9999696612	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8159.9999696612	Sum of GTIs [s]
date	2012-04-18T18:17:39	Date and time of file creation	ontime5	8159.9999696612	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8159.9999696612	Sum of GTIs [s]
			ontime7	8159.9999696612	Sum of GTIs [s]
			ontime8	8159.9999696612	Sum of GTIs [s]
			ontime9	8159.9999696612	Sum of GTIs [s]
			l1events	1286341	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	206282	222925	204914	223912	224745	203563	grade 0 events	74792	30741	73238	35326	77606	71218
rejected events	77079	65568	68194	60783	76726	71826		36%	13%	35%	15%	34%	34%
rejected %	37%	29%	33%	27%	34%	35%	grade 1 events	718	285	422	166	502	489
								0%	0%	0%	0%	0%	0%
							grade 2 events	20415	56079	23757	35838	26828	22745
								9%	25%	11%	16%	11%	11%
							grade 3 events	8741	8266	8814	15808	10133	8756
								4%	3%	4%	7%	4%	4%
							grade 4 events	8690	8041	8680	15681	9987	8666
								4%	3%	4%	7%	4%	4%
							grade 5 events	3903	9515	4133	10313	5119	4550
								1%	4%	2%	4%	2%	2%
							grade 6 events	16565	54230	22231	60476	23465	20352
								8%	24%	10%	27%	10%	9%
							grade 7 events	72458	55768	63639	50304	71105	66787
								35%	25%	31%	22%	31%	32%

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	113.1277305796196	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-6.49188450426357	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	343.5589382816851			
[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)	285611502.981602	285611501.9566			
Observation start date	2007-01-19T16:31:43	2007-01-19T16:31:41			
[s] Observation end time (MET)	285634221.08268	285634220.05768			
Observation end date	2007-01-19T22:50:21	2007-01-19T22:50:20			
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)	2012.04.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1599999696612

A.2 Comments