

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58812 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 7 2012

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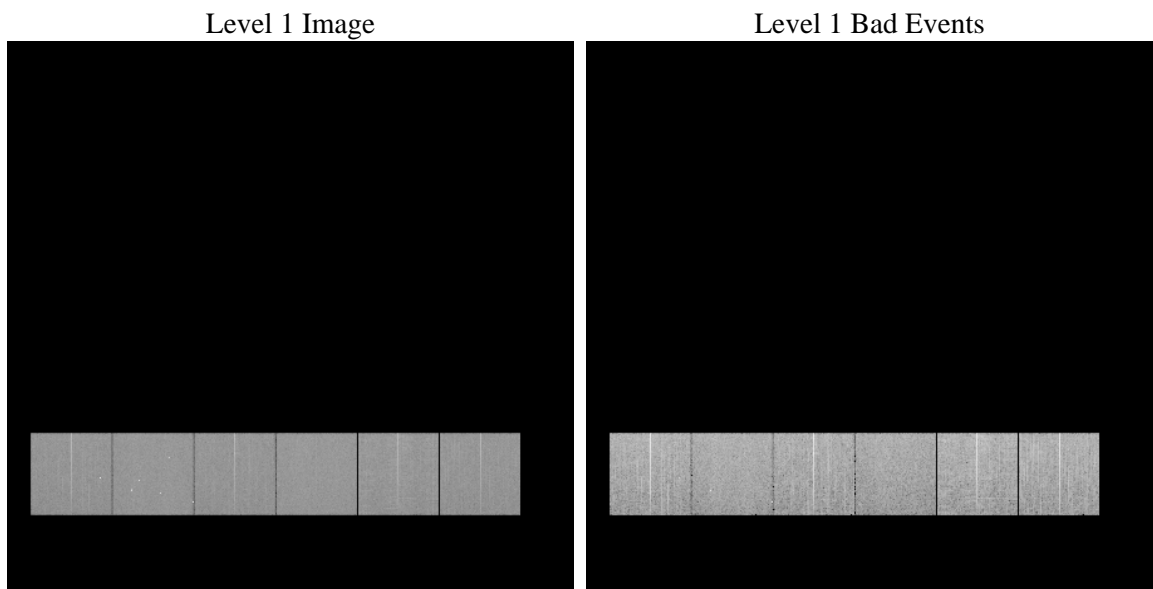
1 Front

seq_num	 	Sequence number
obs_id	58812	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	303.01659676953	Nominal RA [deg]
dec_nom	-9.0246874959754	Nominal Dec [deg]
roll_nom	265.31781215799	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime4	8271.999969244	Sum of GTIs [s]
ontime5	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
ontime8	8268.7590785027	Sum of GTIs [s]
ontime9	8271.999969244	Sum of GTIs [s]
l2events	886162	Number of level 2 events

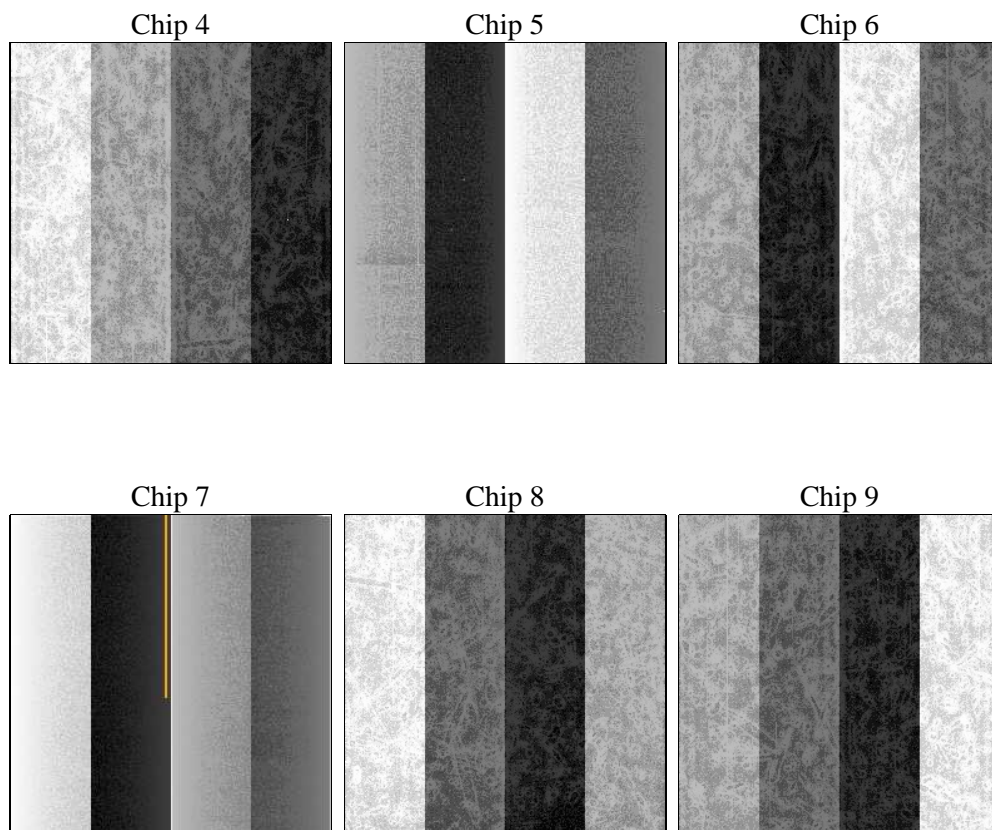
2 OBI

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	8.4.3.1	Processing system revision	ontime	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.999969244	Sum of GTIs [s]
date	2012-04-08T02:25:20	Date and time of file creation	ontime5	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			ontime8	8268.7590785027	Sum of GTIs [s]
			ontime9	8271.999969244	Sum of GTIs [s]
			l1events	1380134	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	220301	233969	223655	238000	240228	223981	grade 0 events	83900	32299	82006	39693	85604	80457
rejected events	75632	66209	70805	59887	78301	76472		38%	13%	36%	16%	35%	35%
rejected %	34%	28%	31%	25%	32%	34%	grade 1 events	811	316	492	181	558	524
								0%	0%	0%	0%	0%	0%
							grade 2 events	22897	60303	26745	38923	28755	25340
								10%	25%	11%	16%	11%	11%
							grade 3 events	9664	9125	9597	17367	11114	9751
								4%	3%	4%	7%	4%	4%
							grade 4 events	9793	8690	9691	17233	11074	9525
								4%	3%	4%	7%	4%	4%
							grade 5 events	3963	9796	4370	10355	5287	4571
								1%	4%	1%	4%	2%	2%
							grade 6 events	18415	57343	24811	64897	25380	22436
								8%	24%	11%	27%	10%	10%
							grade 7 events	70858	56097	65943	49351	72456	71377
								32%	23%	29%	20%	30%	31%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	303.0165967695306
[deg] Pointing Dec	0	-9.024687495975387
[deg] Pointing Roll	0.0	265.3178121579904
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	273043473.08839	273043472.06339
Observation start date	2006-08-27T05:24:33	2006-08-27T05:24:32
[s] Observation end time (MET)	273067310.489511	273067309.46451
Observation end date	2006-08-27T12:01:50	2006-08-27T12:01:49
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments