

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58520 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 20 2012

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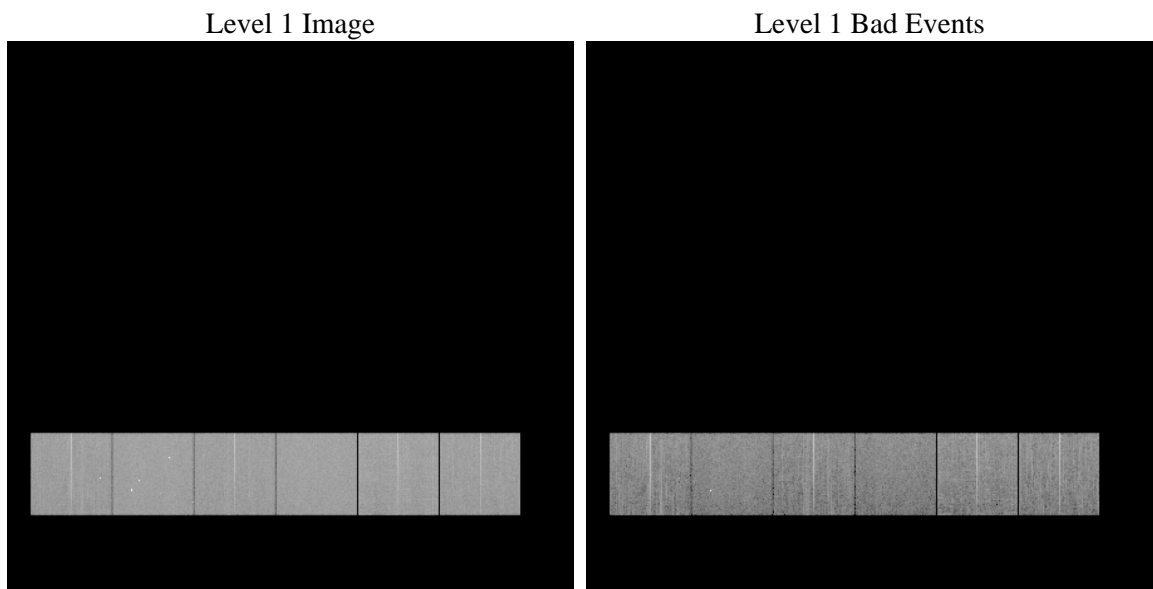
1 Front

seq_num	 	Sequence number
obs_id	58520	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	181.99352262091	Nominal RA [deg]
dec_nom	-1.9707042660383	Nominal Dec [deg]
roll_nom	64.771085582667	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	8271.999969244	Sum of GTIs [s]
ontime9	8271.999969244	Sum of GTIs [s]
l2events	799164	Number of level 2 events

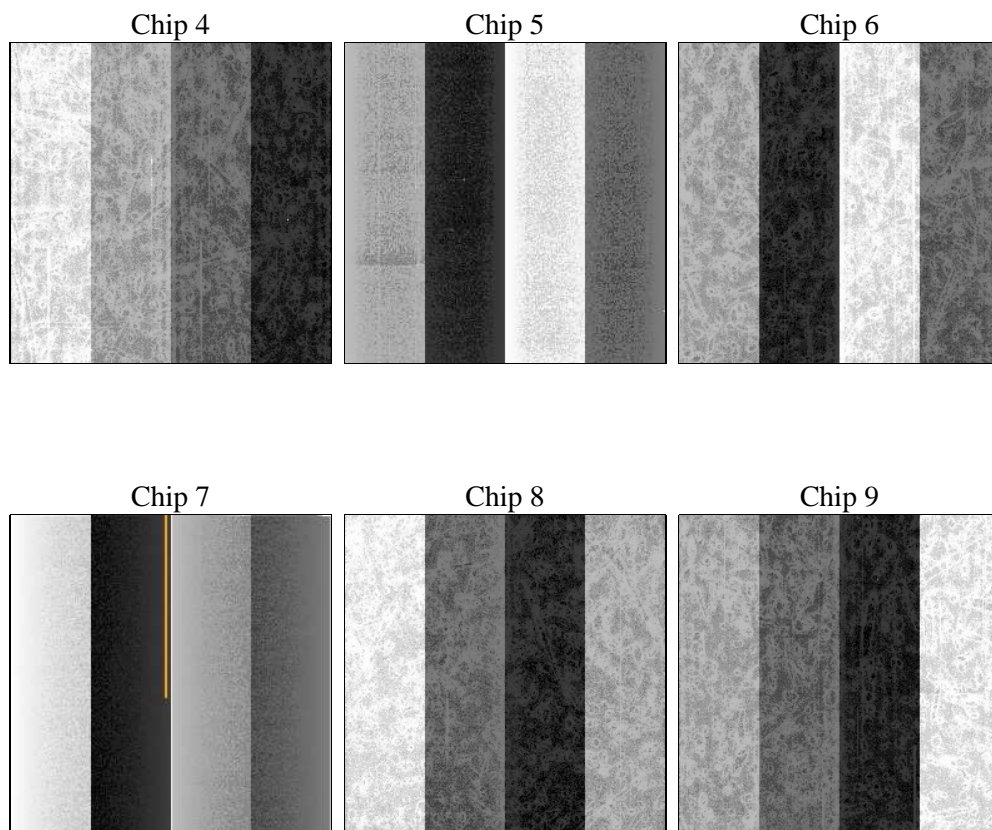
2 OBI

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	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.999969244	Sum of GTIs [s]
date	2012-04-20T15:08:15	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	8271.999969244	Sum of GTIs [s]
			ontime9	8271.999969244	Sum of GTIs [s]
			l1events	1304592	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	207717	225785	210179	225583	227208	208120	grade 0 events	73369	29072	72775	35168	76298	70912
rejected events	79948	69113	74079	62363	80830	77384		35%	12%	34%	15%	33%	34%
rejected %	38%	30%	35%	27%	35%	37%	grade 1 events	667	223	451	180	485	542
								0%	0%	0%	0%	0%	0%
							grade 2 events	20428	56689	23769	35511	26577	22605
								9%	25%	11%	15%	11%	10%
							grade 3 events	8719	7996	8671	15749	9764	8605
								4%	3%	4%	6%	4%	4%
							grade 4 events	8817	7831	8606	15646	9876	8551
								4%	3%	4%	6%	4%	4%
							grade 5 events	4071	9776	4355	10443	5369	4600
								1%	4%	2%	4%	2%	2%
							grade 6 events	16436	55084	22279	61146	23863	20063
								7%	24%	10%	27%	10%	9%
							grade 7 events	75210	59114	69273	51740	74976	72242
								36%	26%	32%	22%	32%	34%

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	181.9935226209086
[deg] Pointing Dec	0	-1.970704266038324
[deg] Pointing Roll	0.0	64.77108558266677
[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)	288577264.772362	288577263.74736
Observation start date	2007-02-23T00:21:05	2007-02-23T00:21:03
[s] Observation end time (MET)	288601253.873502	288601252.8485
Observation end date	2007-02-23T07:00:54	2007-02-23T07:00:52
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments