

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58485 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 21 2012

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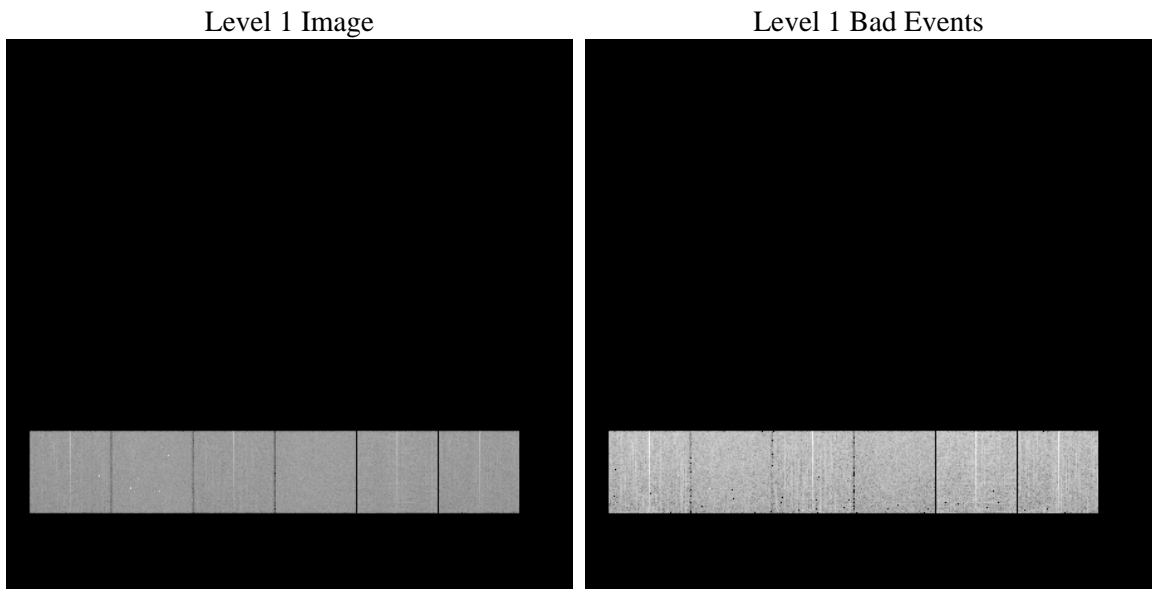
1 Front

seq_num	 	Sequence number
obs_id	58485	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	160.63600983383	Nominal RA [deg]
dec_nom	-4.1126721525078	Nominal Dec [deg]
roll_nom	300.93370656512	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5500.210170567	Sum of GTIs [s]
livetime	5430.5631975584	Livetime [s]
ontime4	5500.0870505571	Sum of GTIs [s]
ontime5	5500.1691305637	Sum of GTIs [s]
ontime6	5500.1280905604	Sum of GTIs [s]
ontime7	5500.210170567	Sum of GTIs [s]
ontime8	5500.0460105538	Sum of GTIs [s]
ontime9	5500.2512105703	Sum of GTIs [s]
l2events	544368	Number of level 2 events

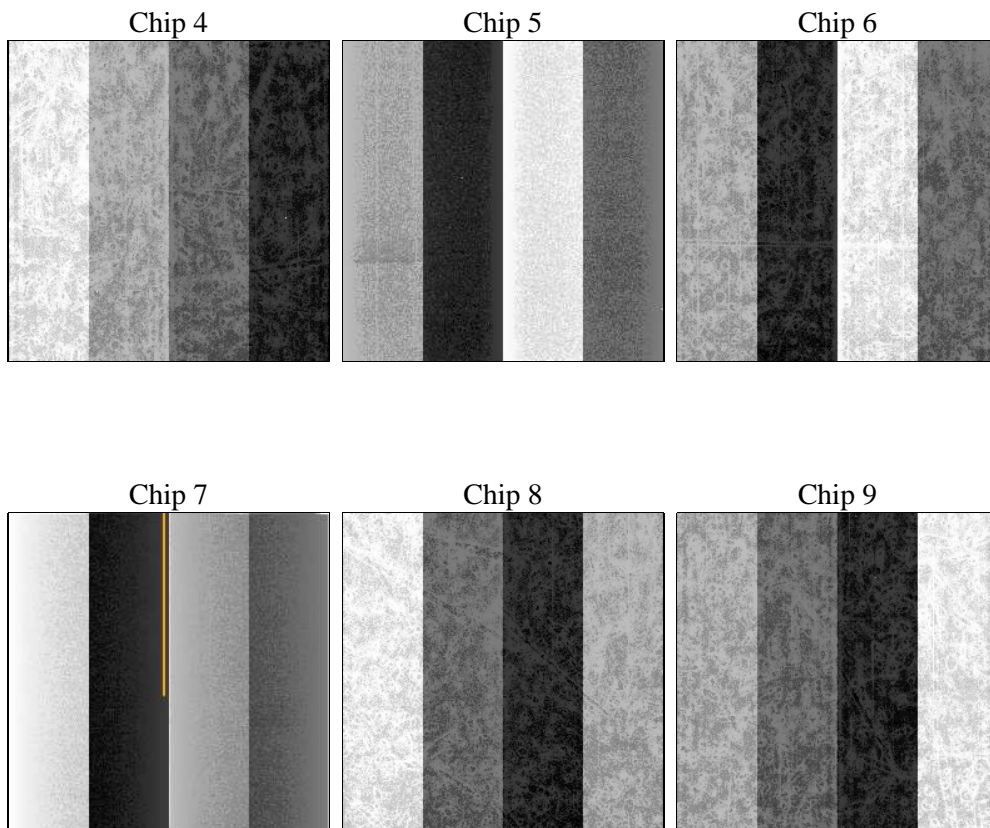
2 OBI

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	5500.210170567	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	5500.0870505571	Sum of GTIs [s]
date	2012-04-21T15:30:54	Date and time of file creation	ontime5	5500.1691305637	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5500.1280905604	Sum of GTIs [s]
			ontime7	5500.210170567	Sum of GTIs [s]
			ontime8	5500.0460105538	Sum of GTIs [s]
			ontime9	5500.2512105703	Sum of GTIs [s]
			l1events	874615	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	139359	148826	142052	151256	153446	139676	grade 0 events	50566	20415	49506	24106	52065	48595
rejected events	51494	44138	49464	40764	53010	49788		36%	13%	34%	15%	33%	34%
rejected %	36%	29%	34%	26%	34%	35%	grade 1 events	494	158	281	104	337	374
								0%	0%	0%	0%	0%	0%
							grade 2 events	13838	36909	16272	24091	18226	15494
								9%	24%	11%	15%	11%	11%
							grade 3 events	6023	5601	5677	10601	6980	5925
								4%	3%	3%	7%	4%	4%
							grade 4 events	5943	5596	5761	10657	6817	5831
								4%	3%	4%	7%	4%	4%
							grade 5 events	2647	6441	2949	6872	3663	3122
								1%	4%	2%	4%	2%	2%
							grade 6 events	11541	36219	15427	41096	16401	14098
								8%	24%	10%	27%	10%	10%
							grade 7 events	48307	37487	46179	33729	48957	46237
								34%	25%	32%	22%	31%	33%

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	160.6360098338277
[deg] Pointing Dec	0	-4.112672152507836
[deg] Pointing Roll	0.0	300.9337065651244
[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)	290139340.246619	290139339.22163
Observation start date	2007-03-13T02:15:40	2007-03-13T02:15:39
[s] Observation end time (MET)	290155852.997404	290155851.97242
Observation end date	2007-03-13T06:50:53	2007-03-13T06:50:51
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)	2012.04.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.500210170567

A.2 Comments