

V&V Reference Report

L2 ASCDS Version : 10.2.2

Observation 52665 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 3 2014

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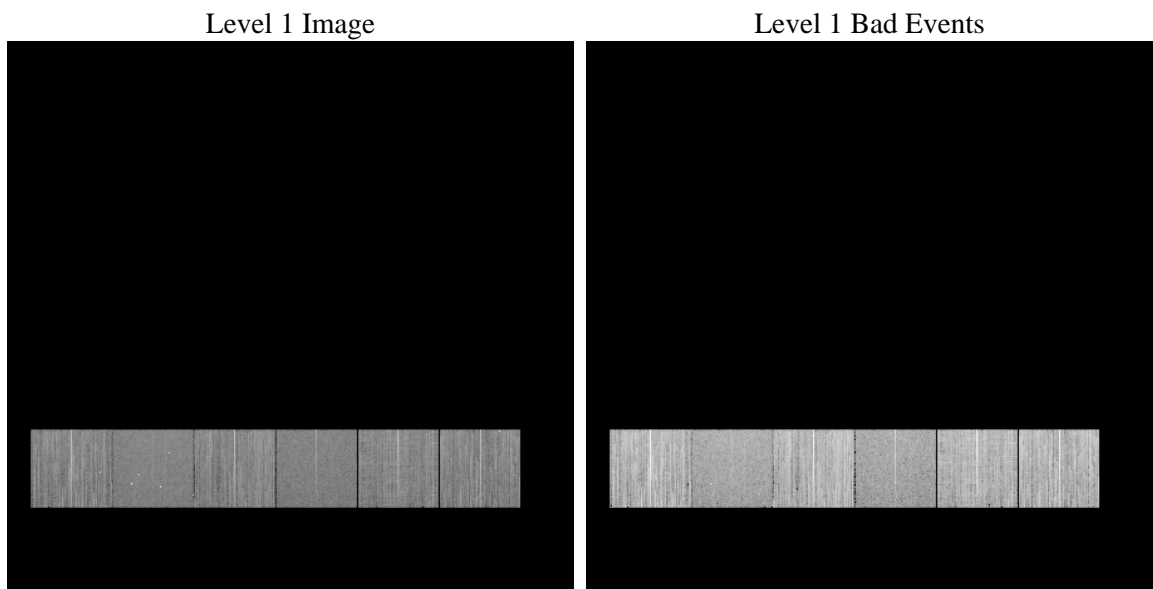
1 Front

seq_num	 	Sequence number
obs_id	52665	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	184.95671000145	Nominal RA [deg]
dec_nom	30.827687218815	Nominal Dec [deg]
roll_nom	252.81673115213	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8239.9999693632	Sum of GTIs [s]
livetime	8135.6601282188	Livetime [s]
ontime4	8236.7589990497	Sum of GTIs [s]
ontime5	8239.9999693632	Sum of GTIs [s]
ontime6	8239.9999693632	Sum of GTIs [s]
ontime7	8239.9999693632	Sum of GTIs [s]
ontime8	8239.9999693632	Sum of GTIs [s]
ontime9	8239.9999693632	Sum of GTIs [s]
l2events	206229	Number of level 2 events

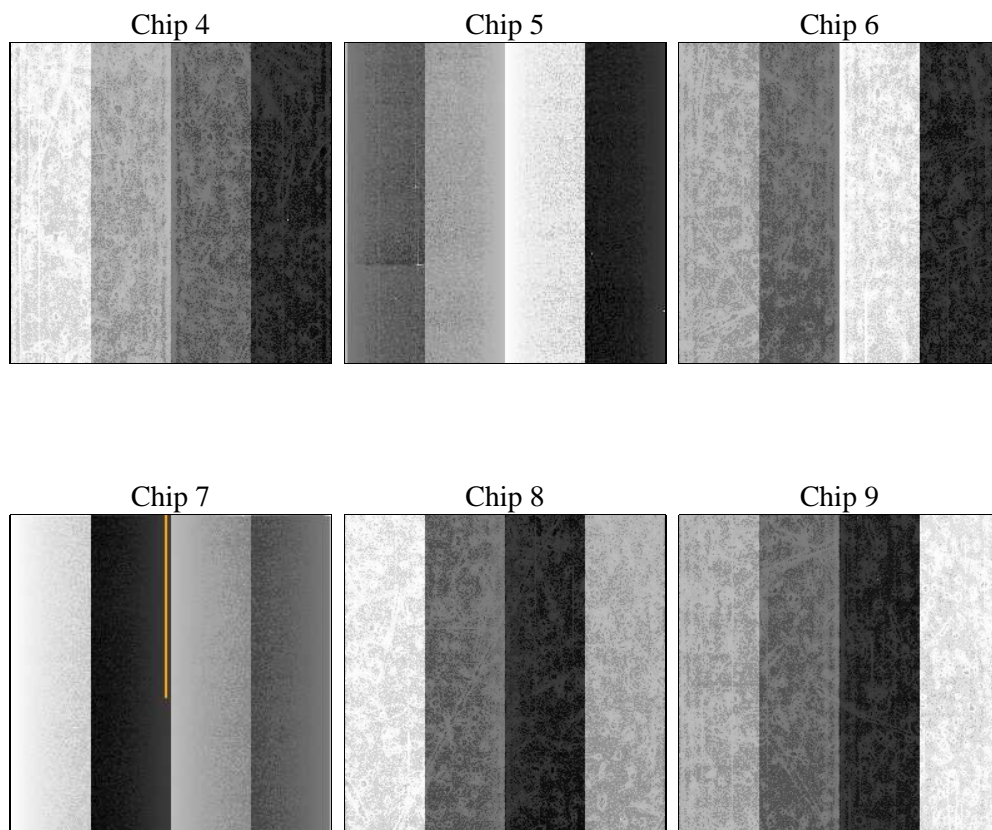
2 OBI

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	10.2.2	Processing system revision	ontime	8239.9999693632	Sum of GTIs [s]
caldsver	4.6.1	 	ontime4	8236.7589990497	Sum of GTIs [s]
date	2014-07-03T04:08:39	Date and time of file creation	ontime5	8239.9999693632	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8239.9999693632	Sum of GTIs [s]
			ontime7	8239.9999693632	Sum of GTIs [s]
			ontime8	8239.9999693632	Sum of GTIs [s]
			ontime9	8239.9999693632	Sum of GTIs [s]
			l1events	836875	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	145417	128889	149126	115321	148470	149652	grade 0 events	15702	9926	13757	7394	16077	13672
rejected events	116835	68787	120612	63572	112278	119720		10%	7%	9%	6%	10%	9%
rejected %	80%	53%	80%	55%	75%	79%	grade 1 events	115	465	72	75	75	85
								0%	0%	0%	0%	0%	0%
							grade 2 events	5303	20904	5947	12791	7551	7953
								3%	16%	3%	11%	5%	5%
							grade 3 events	1932	1965	1893	4282	2751	1861
								1%	1%	1%	3%	1%	1%
							grade 4 events	1954	2036	1846	4269	2779	1859
								1%	1%	1%	3%	1%	1%
							grade 5 events	3081	6022	2978	7198	3835	3346
								2%	4%	1%	6%	2%	2%
							grade 6 events	3871	25588	5238	23332	7260	4792
								2%	19%	3%	20%	4%	3%
							grade 7 events	113459	61983	117395	55980	108142	116084
								78%	48%	78%	48%	72%	77%

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	184.9567100014514
[deg] Pointing Dec	0	30.82768721881518
[deg] Pointing Roll	0.0	252.8167311521257
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	520688106.163341	520688106.163341
Observation start date	2014-07-02T11:35:06	2014-07-02T11:35:06
[s] Observation end time (MET)	520698346.159258	520698346.159258
Observation end date	2014-07-02T14:25:46	2014-07-02T14:25:46
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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)	2014.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2399999693632

A.2 Comments