

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56080 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 1 2012

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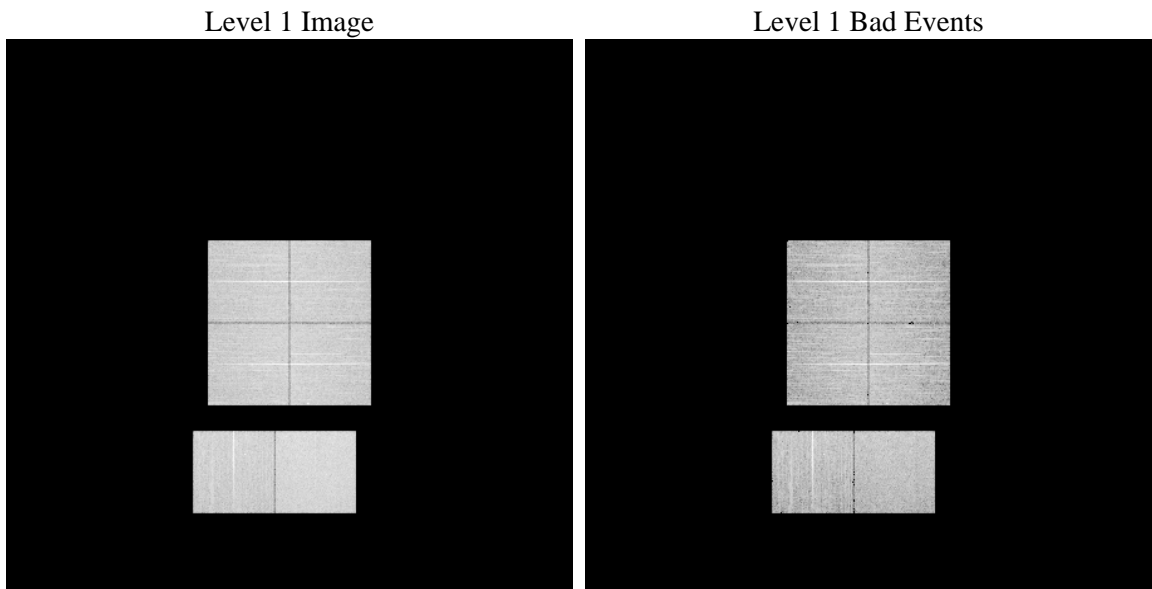
1 Front

seq_num	 	Sequence number
obs_id	56080	Observation id
title	ACIS-012367 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	306.99004876478	Nominal RA [deg]
dec_nom	4.2730534047714	Nominal Dec [deg]
roll_nom	216.99519952199	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8249.5999693274	Sum of GTIs [s]
livetime	8145.1385672031	Livetime [s]
ontime0	8249.5999693274	Sum of GTIs [s]
ontime1	8249.5999693274	Sum of GTIs [s]
ontime2	8249.5999693274	Sum of GTIs [s]
ontime3	8249.5999693274	Sum of GTIs [s]
ontime6	8249.5999693274	Sum of GTIs [s]
ontime7	8249.5999693274	Sum of GTIs [s]
l2events	372039	Number of level 2 events

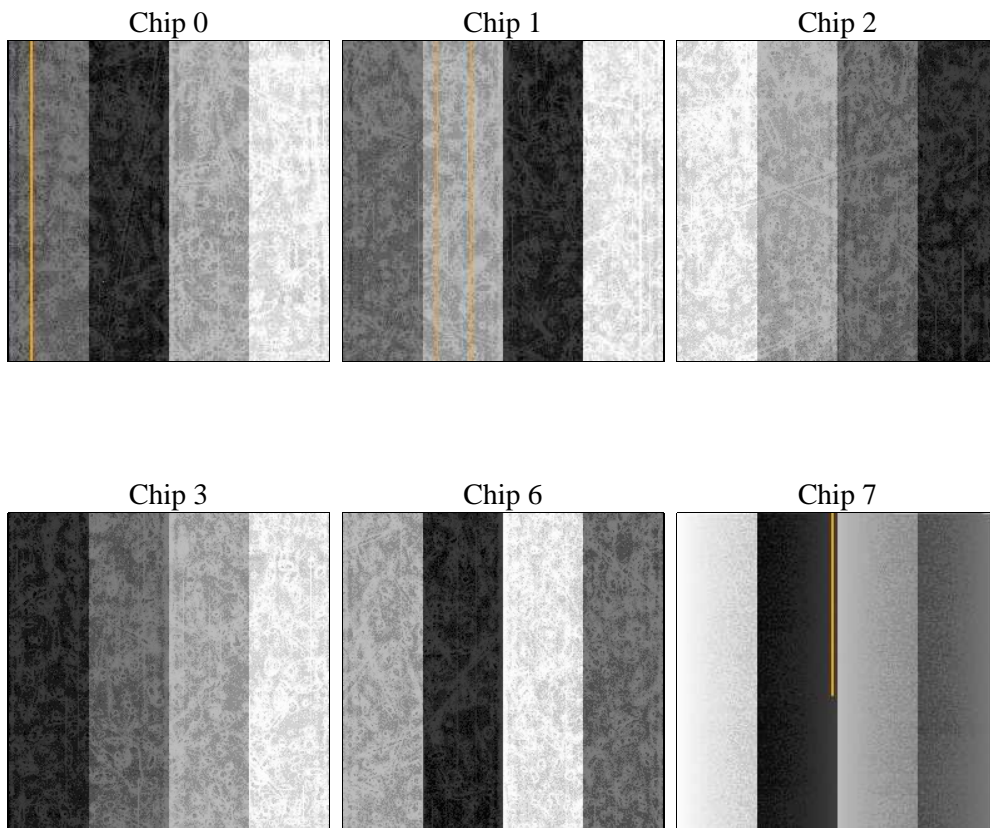
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8249.5999693274	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8249.5999693274	Sum of GTIs [s]
date	2012-07-01T17:23:27	Date and time of file creation	ontime1	8249.5999693274	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8249.5999693274	Sum of GTIs [s]
			ontime3	8249.5999693274	Sum of GTIs [s]
			ontime6	8249.5999693274	Sum of GTIs [s]
			ontime7	8249.5999693274	Sum of GTIs [s]
			l1events	779956	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	122831	120544	123473	126919	127400	158789	grade 0 events	31859	30952	32031	32739	31943	16394
rejected events	63181	60806	64424	66844	65890	65364		25%	25%	25%	25%	25%	10%
rejected %	51%	50%	52%	52%	51%	41%	grade 1 events	209	162	227	244	200	123
								0%	0%	0%	0%	0%	0%
							grade 2 events	10867	11561	10207	10551	11263	20760
								8%	9%	8%	8%	8%	13%
							grade 3 events	3969	3960	4013	4180	4062	8548
								3%	3%	3%	3%	3%	5%
							grade 4 events	3946	3933	4094	4237	3967	8475
								3%	3%	3%	3%	3%	5%
							grade 5 events	3868	3782	3538	4207	3939	10432
								3%	3%	2%	3%	3%	6%
							grade 6 events	9242	9559	8970	8616	10490	39610
								7%	7%	7%	6%	8%	24%
							grade 7 events	58871	56635	60393	62145	61536	54447
								47%	46%	48%	48%	48%	34%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	306.9900487647772
[deg] Pointing Dec	0	4.273053404771416
[deg] Pointing Roll	0.0	216.9951995219878
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	397985468.080445	397985468.080445
Observation start date	2010-08-12T07:31:08	2010-08-12T07:31:08
[s] Observation end time (MET)	397995016.872243	397995016.872243
Observation end date	2010-08-12T10:10:17	2010-08-12T10:10:16
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2495999693274

A.2 Comments