

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56575 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 18 2012

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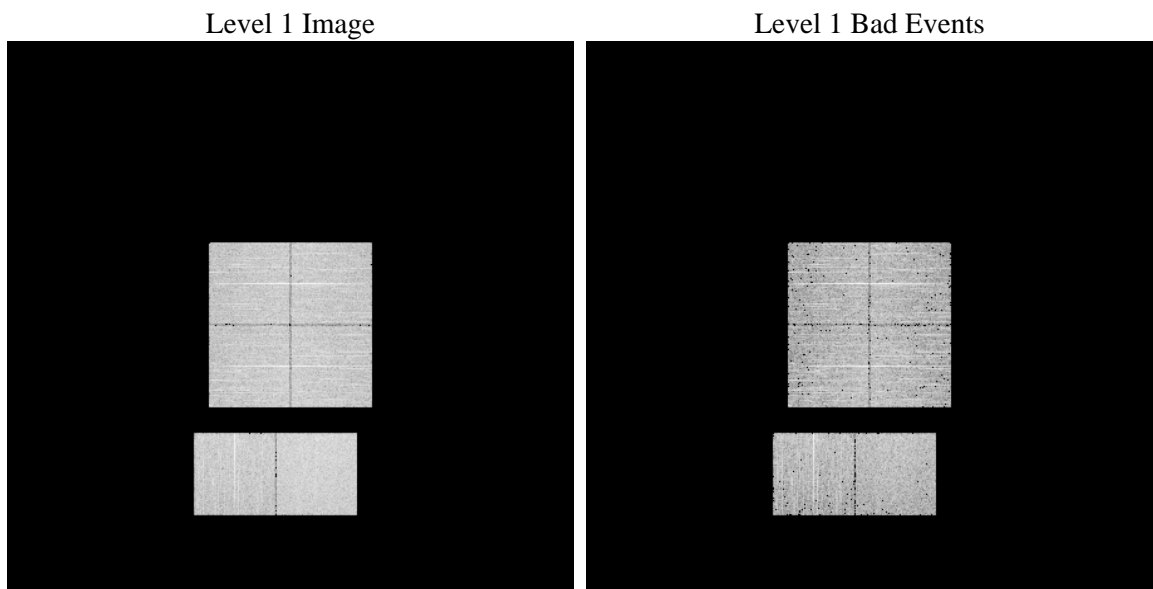
1 Front

seq_num	 	Sequence number
obs_id	56575	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	103.03910674679	Nominal RA [deg]
dec_nom	-0.00055999062994586	Nominal Dec [deg]
roll_nom	25.943769886581	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3030.3999887705	Sum of GTIs [s]
livetime	2992.0272394249	Livetime [s]
ontime0	3030.3999887705	Sum of GTIs [s]
ontime1	3030.3999887705	Sum of GTIs [s]
ontime2	3030.3999887705	Sum of GTIs [s]
ontime3	3030.3999887705	Sum of GTIs [s]
ontime6	3030.377256453	Sum of GTIs [s]
ontime7	3030.3999887705	Sum of GTIs [s]
l2events	159947	Number of level 2 events

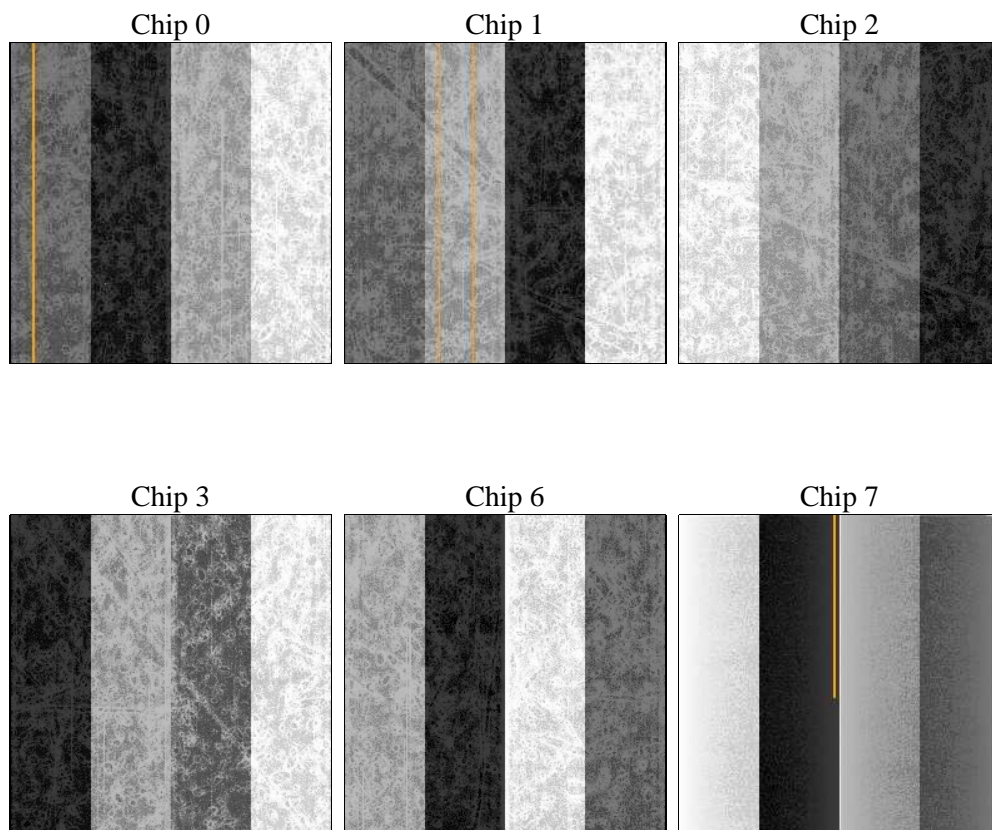
2 OBI

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	8.4.5	Processing system revision	ontime	3030.3999887705	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	3030.3999887705	Sum of GTIs [s]
date	2012-06-18T19:07:19	Date and time of file creation	ontime1	3030.3999887705	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3030.3999887705	Sum of GTIs [s]
			ontime3	3030.3999887705	Sum of GTIs [s]
			ontime6	3030.377256453	Sum of GTIs [s]
			ontime7	3030.3999887705	Sum of GTIs [s]
			l1events	362216	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	56224	57177	58114	59455	59390	71856	grade 0 events	14714	14457	14711	15187	14946	7763
rejected events	30439	31517	32707	33558	32864	31864		26%	25%	25%	25%	25%	10%
rejected %	54%	55%	56%	56%	55%	44%	grade 1 events	103	104	131	125	93	63
								0%	0%	0%	0%	0%	0%
							grade 2 events	5125	5247	4833	4882	5180	9464
								9%	9%	8%	8%	8%	13%
							grade 3 events	1935	1875	1919	1956	1921	3820
								3%	3%	3%	3%	3%	5%
							grade 4 events	1863	1894	1941	1952	1883	3982
								3%	3%	3%	3%	3%	5%
							grade 5 events	1699	1710	1592	1775	1838	4662
								3%	2%	2%	2%	3%	6%
							grade 6 events	4253	4301	4136	4098	4773	18182
								7%	7%	7%	6%	8%	25%
							grade 7 events	26532	27589	28851	29480	28756	23920
								47%	48%	49%	49%	48%	33%

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	103.0391067467864
[deg] Pointing Dec	0	-0.0005599906299458592
[deg] Pointing Roll	0.0	25.94376988658053
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	377881998.558305	377881998.558305
Observation start date	2009-12-22T15:13:19	2009-12-22T15:13:18
[s] Observation end time (MET)	377886547.052975	377886547.052975
Observation end date	2009-12-22T16:29:07	2009-12-22T16:29:07
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)	2012.06.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0303999887705

A.2 Comments