

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55178 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 23 2012

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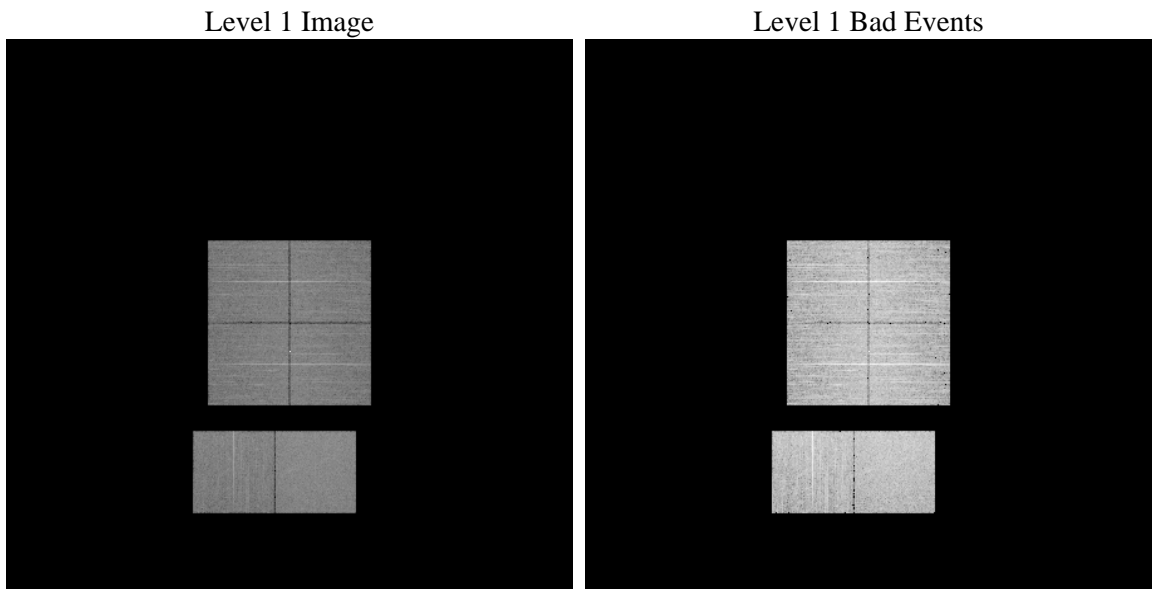
1 Front

seq_num	 	Sequence number
obs_id	55178	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	338.02875090847	Nominal RA [deg]
dec_nom	-18.008777100563	Nominal Dec [deg]
roll_nom	309.26658786599	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8024.7390270829	Sum of GTIs [s]
livetime	7923.1249496043	Livetime [s]
ontime0	8024.6979870796	Sum of GTIs [s]
ontime1	8024.6569470763	Sum of GTIs [s]
ontime2	8024.615907073	Sum of GTIs [s]
ontime3	8024.7800670862	Sum of GTIs [s]
ontime6	8024.5748670697	Sum of GTIs [s]
ontime7	8024.7390270829	Sum of GTIs [s]
l2events	288422	Number of level 2 events

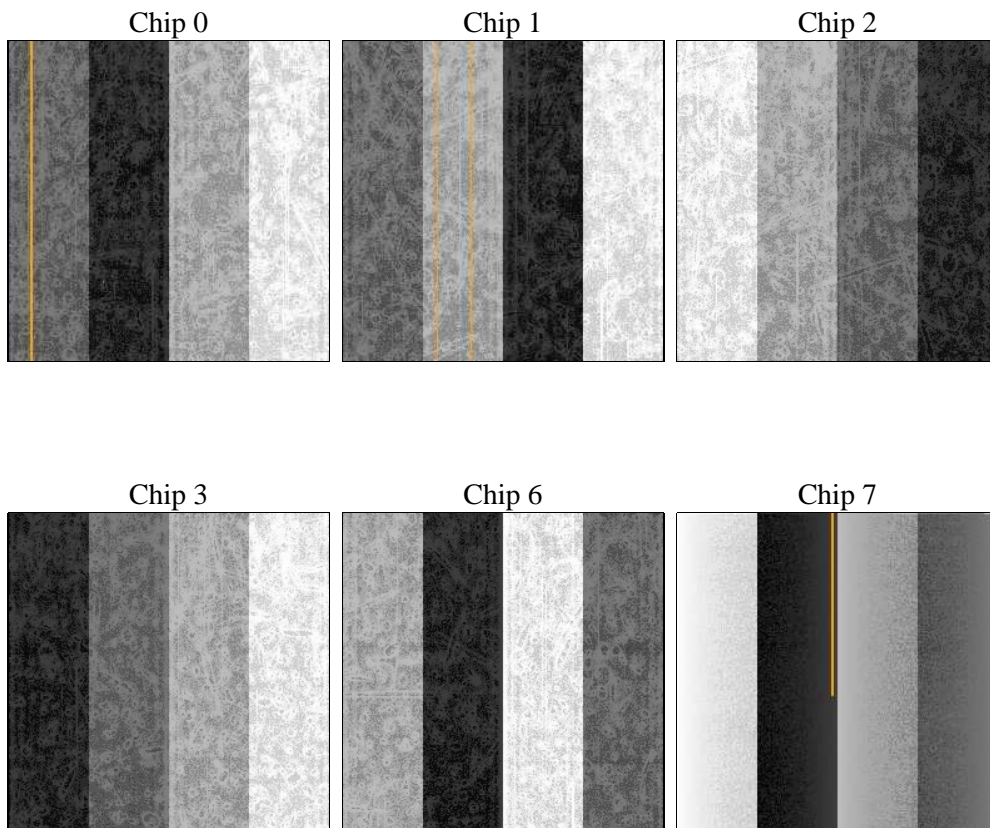
2 OBI

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	8.4.3	Processing system revision	ontime	8024.7390270829	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8024.6979870796	Sum of GTIs [s]
date	2012-02-23T14:48:56	Date and time of file creation	ontime1	8024.6569470763	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8024.615907073	Sum of GTIs [s]
			ontime3	8024.7800670862	Sum of GTIs [s]
			ontime6	8024.5748670697	Sum of GTIs [s]
			ontime7	8024.7390270829	Sum of GTIs [s]
			l1events	649827	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	99973	101731	99601	107611	106364	134547	grade 0 events	25016	24267	25675	28041	25222	12529
rejected events	53914	55655	53779	58870	58764	61350		25%	23%	25%	26%	23%	9%
rejected %	53%	54%	53%	54%	55%	45%	grade 1 events	137	106	169	188	127	124
								0%	0%	0%	0%	0%	0%
							grade 2 events	8779	9413	8187	8539	8979	16515
								8%	9%	8%	7%	8%	12%
							grade 3 events	3229	3113	3202	3306	3209	6716
								3%	3%	3%	3%	3%	4%
							grade 4 events	3212	3098	3248	3435	3112	6525
								3%	3%	3%	3%	2%	4%
							grade 5 events	3390	3392	3165	3663	3573	9051
								3%	3%	3%	3%	3%	6%
							grade 6 events	7400	7771	7107	7163	8748	33421
								7%	7%	7%	6%	8%	24%
							grade 7 events	48810	50571	48848	53276	53394	49666
								48%	49%	49%	49%	50%	36%

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	338.0287509084686
[deg] Pointing Dec	0	-18.00877710056259
[deg] Pointing Roll	0.0	309.2665878659853
[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)	432943922.719305	432943922.719305
Observation start date	2011-09-20T22:12:03	2011-09-20T22:12:02
[s] Observation end time (MET)	432953066.948624	432953066.948624
Observation end date	2011-09-21T00:44:27	2011-09-21T00:44:26
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)	2012.02.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0247390270829

A.2 Comments