

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56920 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 10 2012

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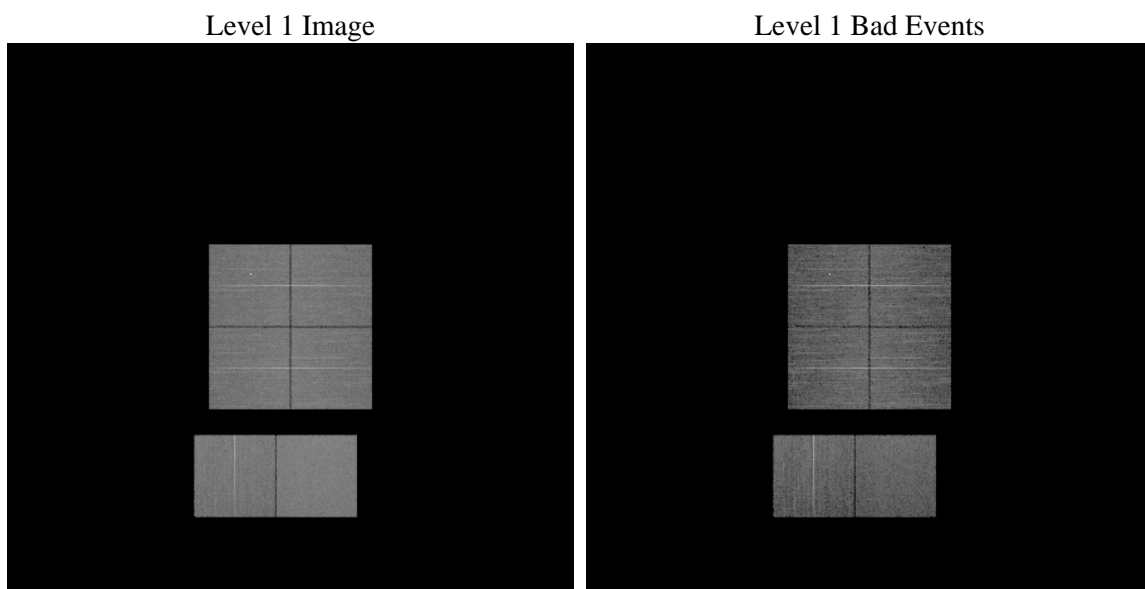
1 Front

seq_num	 	Sequence number
obs_id	56920	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	209.89234088404	Nominal RA [deg]
dec_nom	50.956637389383	Nominal Dec [deg]
roll_nom	265.66770684951	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8380.7999688387	Sum of GTIs [s]
livetime	8274.6772333214	Livetime [s]
ontime0	8380.7999688387	Sum of GTIs [s]
ontime1	8380.7999688387	Sum of GTIs [s]
ontime2	8380.7999688387	Sum of GTIs [s]
ontime3	8380.7999688387	Sum of GTIs [s]
ontime6	8380.7999688387	Sum of GTIs [s]
ontime7	8380.7999688387	Sum of GTIs [s]
l2events	475519	Number of level 2 events

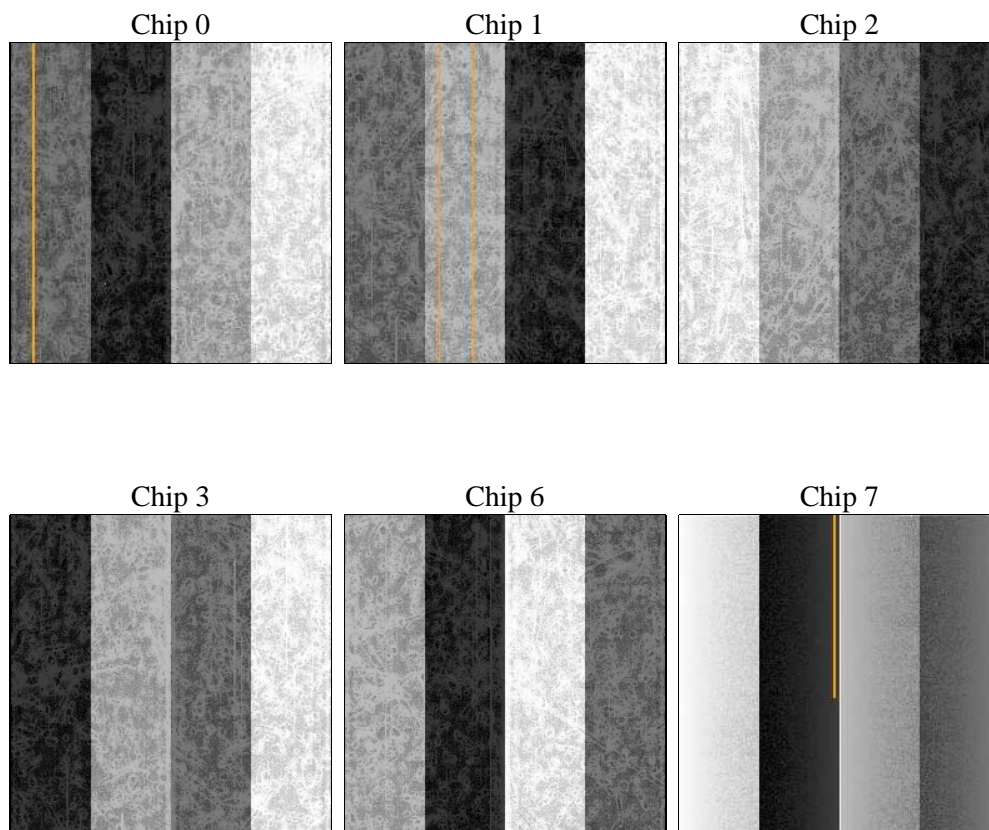
2 OBI

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	8380.7999688387	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8380.7999688387	Sum of GTIs [s]
date	2012-06-11T02:48:45	Date and time of file creation	ontime1	8380.7999688387	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8380.7999688387	Sum of GTIs [s]
			ontime3	8380.7999688387	Sum of GTIs [s]
			ontime6	8380.7999688387	Sum of GTIs [s]
			ontime7	8380.7999688387	Sum of GTIs [s]
			l1events	970829	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	156027	151402	155741	158095	158277	191287	grade 0 events	41247	40181	42014	41926	42004	21377
rejected events	79225	74670	79187	81488	78913	74619		26%	26%	26%	26%	26%	11%
rejected %	50%	49%	50%	51%	49%	39%	grade 1 events	316	292	343	368	289	153
								0%	0%	0%	0%	0%	0%
							grade 2 events	13926	14760	13317	13534	14274	25498
								8%	9%	8%	8%	9%	13%
							grade 3 events	5132	5150	5247	5251	5177	10844
								3%	3%	3%	3%	3%	5%
							grade 4 events	5272	5271	5267	5288	5195	10736
								3%	3%	3%	3%	3%	5%
							grade 5 events	6668	4506	4049	4674	4610	11938
								4%	2%	2%	2%	2%	6%
							grade 6 events	11850	12006	11300	11256	13347	49160
								7%	7%	7%	7%	8%	25%
							grade 7 events	71616	69236	74204	75798	73381	61581
								45%	45%	47%	47%	46%	32%

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	209.8923408840398
[deg] Pointing Dec	0	50.95663738938315
[deg] Pointing Roll	0.0	265.6677068495119
[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)	365348849.378053	365348849.378053
Observation start date	2009-07-30T13:47:29	2009-07-30T13:47:29
[s] Observation end time (MET)	365361971.091071	365361971.091071
Observation end date	2009-07-30T17:26:11	2009-07-30T17:26:11
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)	2012.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3807999688387

A.2 Comments