

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55262 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 19 2012

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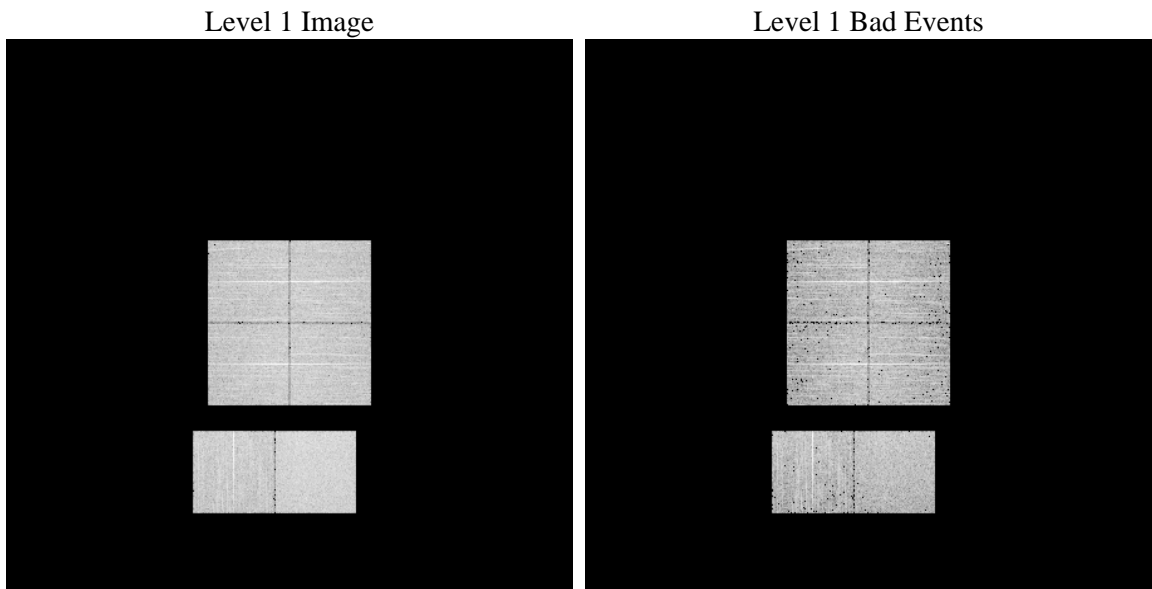
1 Front

seq_num	 	Sequence number
obs_id	55262	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	337.55611853046	Nominal RA [deg]
dec_nom	-20.515066633406	Nominal Dec [deg]
roll_nom	90.769199679091	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4831.999982059	Sum of GTIs [s]
livetime	4770.8142888051	Livetime [s]
ontime0	4831.999982059	Sum of GTIs [s]
ontime1	4831.999982059	Sum of GTIs [s]
ontime2	4831.999982059	Sum of GTIs [s]
ontime3	4831.999982059	Sum of GTIs [s]
ontime6	4831.999982059	Sum of GTIs [s]
ontime7	4831.999982059	Sum of GTIs [s]
l2events	169010	Number of level 2 events

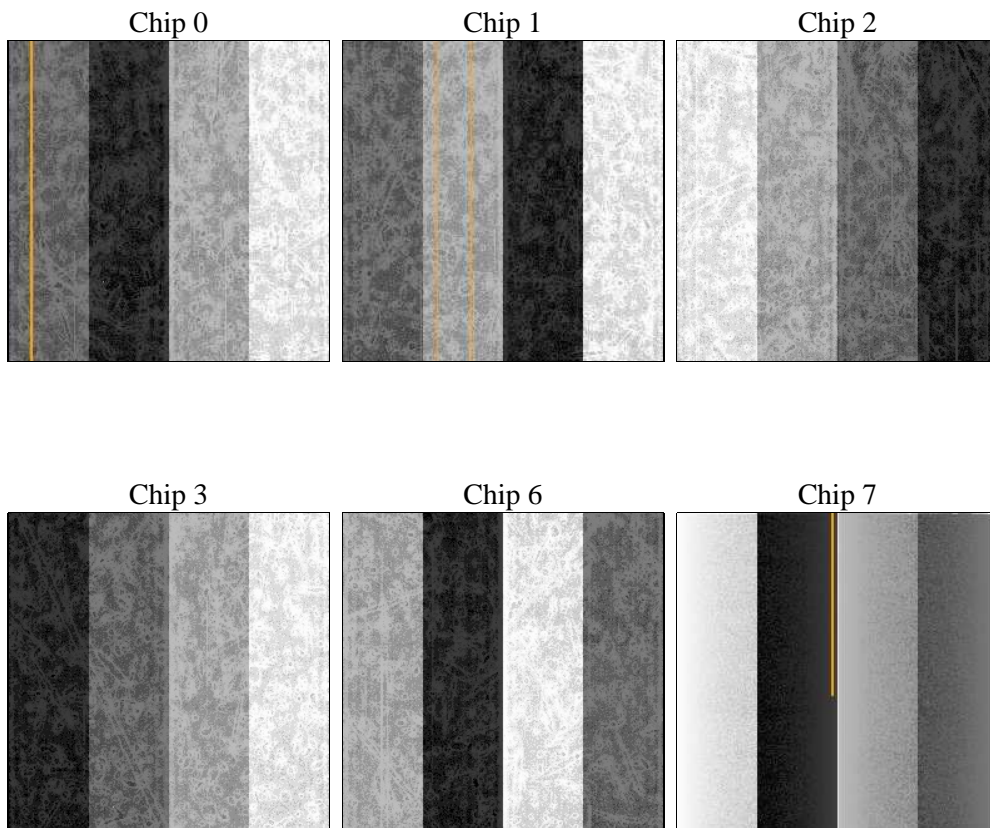
2 OBI

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	4831.999982059	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	4831.999982059	Sum of GTIs [s]
date	2012-02-18T20:18:43	Date and time of file creation	ontime1	4831.999982059	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4831.999982059	Sum of GTIs [s]
			ontime3	4831.999982059	Sum of GTIs [s]
			ontime6	4831.999982059	Sum of GTIs [s]
			ontime7	4831.999982059	Sum of GTIs [s]
			l1events	386056	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	59760	60525	60448	61440	63423	80460	grade 0 events	13504	12075	14212	14499	11633	6820
rejected events	33143	33698	34076	34470	35846	36243		22%	19%	23%	23%	18%	8%
rejected %	55%	55%	56%	56%	56%	45%	grade 1 events	82	46	82	68	50	60
								0%	0%	0%	0%	0%	0%
							grade 2 events	5754	7272	4880	5027	7984	10158
								9%	12%	8%	8%	12%	12%
							grade 3 events	1595	1575	1775	1721	1429	3620
								2%	2%	2%	2%	2%	4%
							grade 4 events	1667	1550	1748	1816	1493	3408
								2%	2%	2%	2%	2%	4%
							grade 5 events	1789	1722	1670	1933	1845	4871
								2%	2%	2%	3%	2%	6%
							grade 6 events	4440	4696	4074	4245	5412	20751
								7%	7%	6%	6%	8%	25%
							grade 7 events	30929	31589	32007	32131	33577	30772
								51%	52%	52%	52%	52%	38%

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	337.5561185304625
[deg] Pointing Dec	0	-20.51506663340567
[deg] Pointing Roll	0.0	90.76919967909114
[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)	428407206.881519	428407206.881519
Observation start date	2011-07-30T10:00:07	2011-07-30T10:00:06
[s] Observation end time (MET)	428412645.003874	428412645.003874
Observation end date	2011-07-30T11:30:45	2011-07-30T11:30:45
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)	2012.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.831999982059

A.2 Comments