

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55172 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 23 2012

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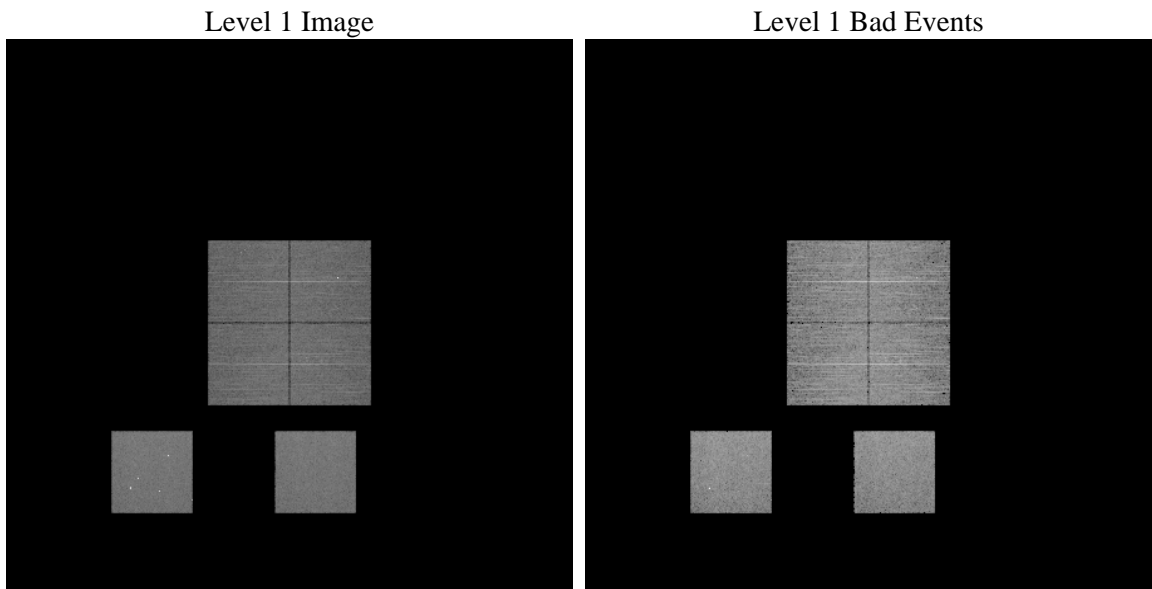
1 Front

seq_num	 	Sequence number
obs_id	55172	Observation id
title	ACIS-012357 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	13.89240715333	Nominal RA [deg]
dec_nom	-11.950842017282	Nominal Dec [deg]
roll_nom	149.90804001232	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8140.7884585857	Sum of GTIs [s]
livetime	8037.7048933288	Livetime [s]
ontime0	8140.7474185824	Sum of GTIs [s]
ontime1	8140.7063785791	Sum of GTIs [s]
ontime2	8130.9422075152	Sum of GTIs [s]
ontime3	8140.7999697328	Sum of GTIs [s]
ontime5	8140.6242985725	Sum of GTIs [s]
ontime7	8140.7884585857	Sum of GTIs [s]
l2events	321605	Number of level 2 events

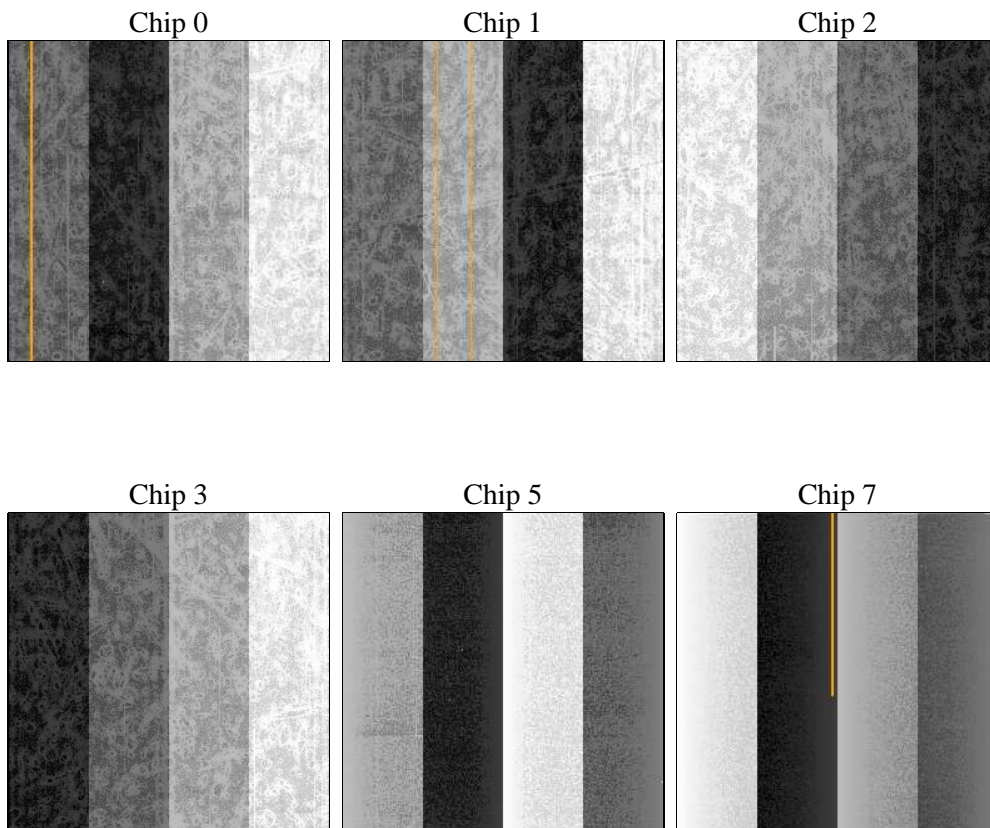
2 OBI

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	8140.7884585857	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8140.7474185824	Sum of GTIs [s]
date	2012-02-23T15:44:19	Date and time of file creation	ontime1	8140.7063785791	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8130.9422075152	Sum of GTIs [s]
			ontime3	8140.7999697328	Sum of GTIs [s]
			ontime5	8140.6242985725	Sum of GTIs [s]
			ontime7	8140.7884585857	Sum of GTIs [s]
			l1events	698615	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	100297	106246	104553	106819	144760	135940	grade 0 events	24833	25242	25260	25317	14753	12736
rejected events	54088	54806	58354	60380	61733	60154		24%	23%	24%	23%	10%	9%
rejected %	53%	51%	55%	56%	42%	44%	grade 1 events	236	114	166	152	160	114
								0%	0%	0%	0%	0%	0%
							grade 2 events	8833	13351	8160	8325	28862	16868
								8%	12%	7%	7%	19%	12%
							grade 3 events	3197	3131	3331	3283	3264	6818
								3%	2%	3%	3%	2%	5%
							grade 4 events	3117	3049	3357	3290	3100	6766
								3%	2%	3%	3%	2%	4%
							grade 5 events	3611	3523	3234	3798	7478	9376
								3%	3%	3%	3%	5%	6%
							grade 6 events	7062	7642	6879	7018	34504	33845
								7%	7%	6%	6%	23%	24%
							grade 7 events	49408	50194	54166	55636	52639	49417
								49%	47%	51%	52%	36%	36%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	13.89240715332991
[deg] Pointing Dec	0	-11.95084201728199
[deg] Pointing Roll	0.0	149.9080400123176
[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)	433171999.58126	433171999.58126
Observation start date	2011-09-23T13:33:20	2011-09-23T13:33:19
[s] Observation end time (MET)	433181549.317581	433181549.317581
Observation end date	2011-09-23T16:12:29	2011-09-23T16:12:29
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	8.1407884585857

A.2 Comments