

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54927 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 18 2012

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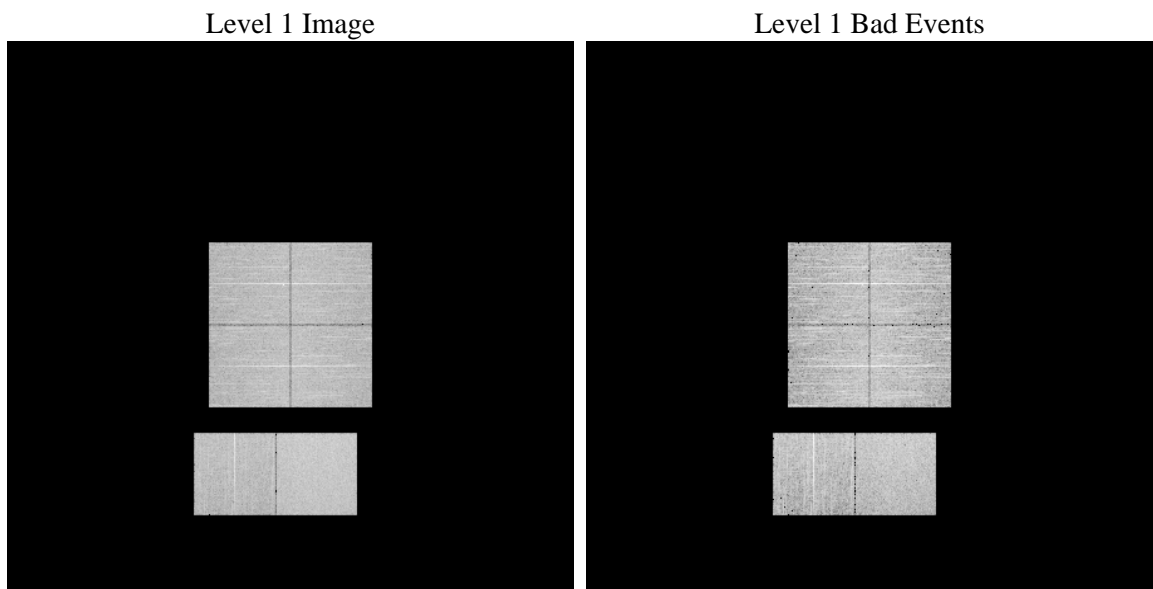
1 Front

seq_num	 	Sequence number
obs_id	54927	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	251.41796896483	Nominal RA [deg]
dec_nom	-7.0105233750959	Nominal Dec [deg]
roll_nom	66.268664818042	Nominal Roll [deg]
revision	1	Processing version of data
ontime	7196.7999732494	Sum of GTIs [s]
livetime	7105.6697585955	Livetime [s]
ontime0	7196.7999732494	Sum of GTIs [s]
ontime1	7196.7999732494	Sum of GTIs [s]
ontime2	7196.7999732494	Sum of GTIs [s]
ontime3	7196.7999732494	Sum of GTIs [s]
ontime6	7193.5589928627	Sum of GTIs [s]
ontime7	7196.7999732494	Sum of GTIs [s]
l2events	246048	Number of level 2 events

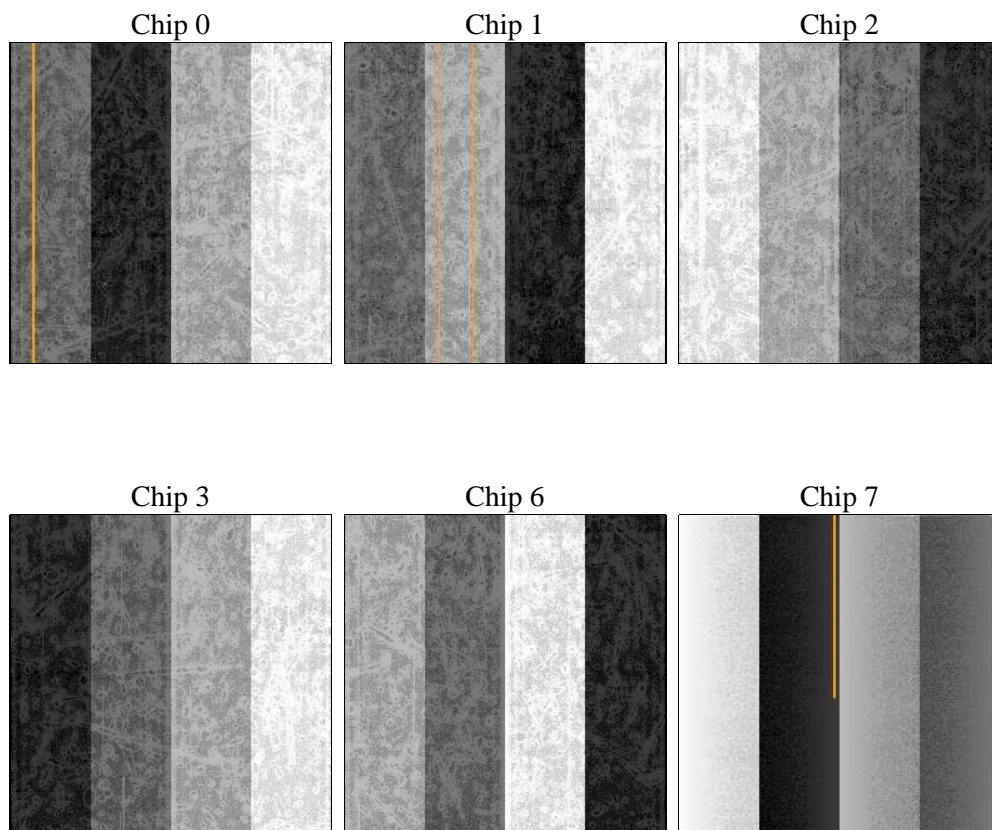
2 OBI

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	7196.7999732494	Sum of GTIs [s]
caldbver	4.4.7	 	ontime0	7196.7999732494	Sum of GTIs [s]
date	2012-01-18T09:53:48	Date and time of file creation	ontime1	7196.7999732494	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	7196.7999732494	Sum of GTIs [s]
			ontime3	7196.7999732494	Sum of GTIs [s]
			ontime6	7193.5589928627	Sum of GTIs [s]
			ontime7	7196.7999732494	Sum of GTIs [s]
			l1events	575376	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	87680	89951	90650	93377	92235	121483	grade 0 events	21078	20155	21643	21616	21339	11155
rejected events	49064	51106	51740	54333	51987	56218		24%	22%	23%	23%	23%	9%
rejected %	55%	56%	57%	58%	56%	46%	grade 1 events	147	101	126	130	116	113
								0%	0%	0%	0%	0%	0%
							grade 2 events	7467	8032	7167	7252	7731	14694
								8%	8%	7%	7%	8%	12%
							grade 3 events	2705	2741	2786	2862	2752	6050
								3%	3%	3%	3%	2%	4%
							grade 4 events	2627	2741	2746	2760	2833	5893
								2%	3%	3%	2%	3%	4%
							grade 5 events	3140	3206	2900	3454	3321	8383
								3%	3%	3%	3%	3%	6%
							grade 6 events	6115	6679	6005	6011	7167	29761
								6%	7%	6%	6%	7%	24%
							grade 7 events	44401	46296	47277	49292	46976	45434
								50%	51%	52%	52%	50%	37%

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	251.4179689648313
[deg] Pointing Dec	0	-7.010523375095945
[deg] Pointing Roll	0.0	66.26866481804188
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	443227750.098232	443227750.098232
Observation start date	2012-01-17T22:49:10	2012-01-17T22:49:10
[s] Observation end time (MET)	443236452.661462	443236452.661462
Observation end date	2012-01-18T01:14:13	2012-01-18T01:14:12
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.01.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.1967999732494

A.2 Comments