

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56370 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 23 2012

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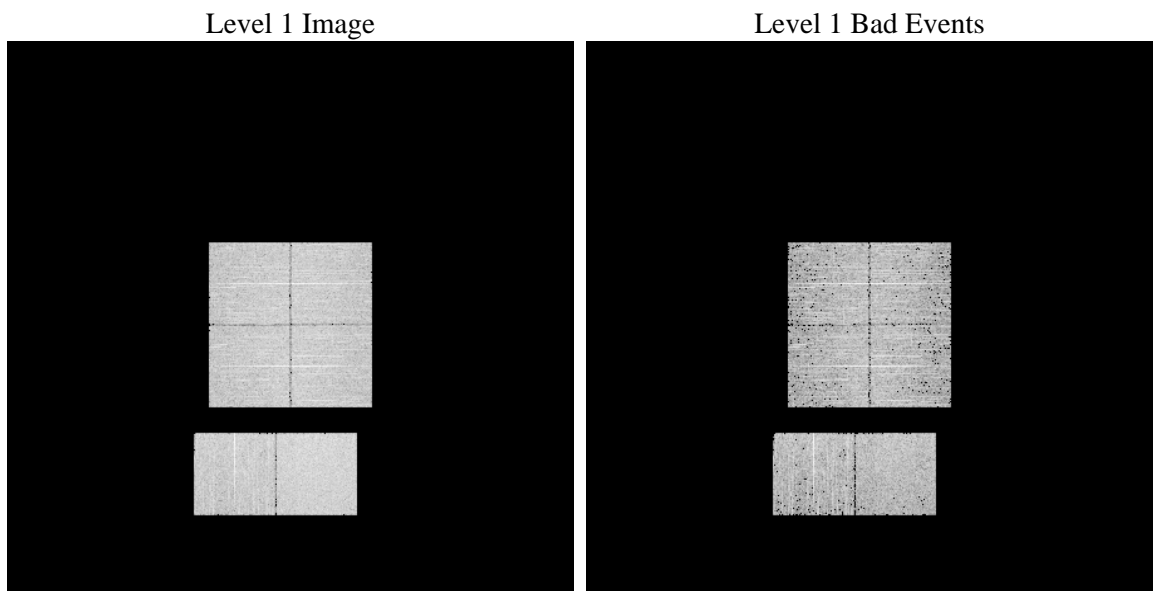
1 Front

seq_num	 	Sequence number
obs_id	56370	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	164.02462065455	Nominal RA [deg]
dec_nom	-13.015585563336	Nominal Dec [deg]
roll_nom	293.11749924596	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3116.7999884486	Sum of GTIs [s]
livetime	3077.3331902832	Livetime [s]
ontime0	3116.7999884486	Sum of GTIs [s]
ontime1	3116.7999884486	Sum of GTIs [s]
ontime2	3116.7999884486	Sum of GTIs [s]
ontime3	3116.7999884486	Sum of GTIs [s]
ontime6	3116.7999884486	Sum of GTIs [s]
ontime7	3116.7999884486	Sum of GTIs [s]
l2events	153018	Number of level 2 events

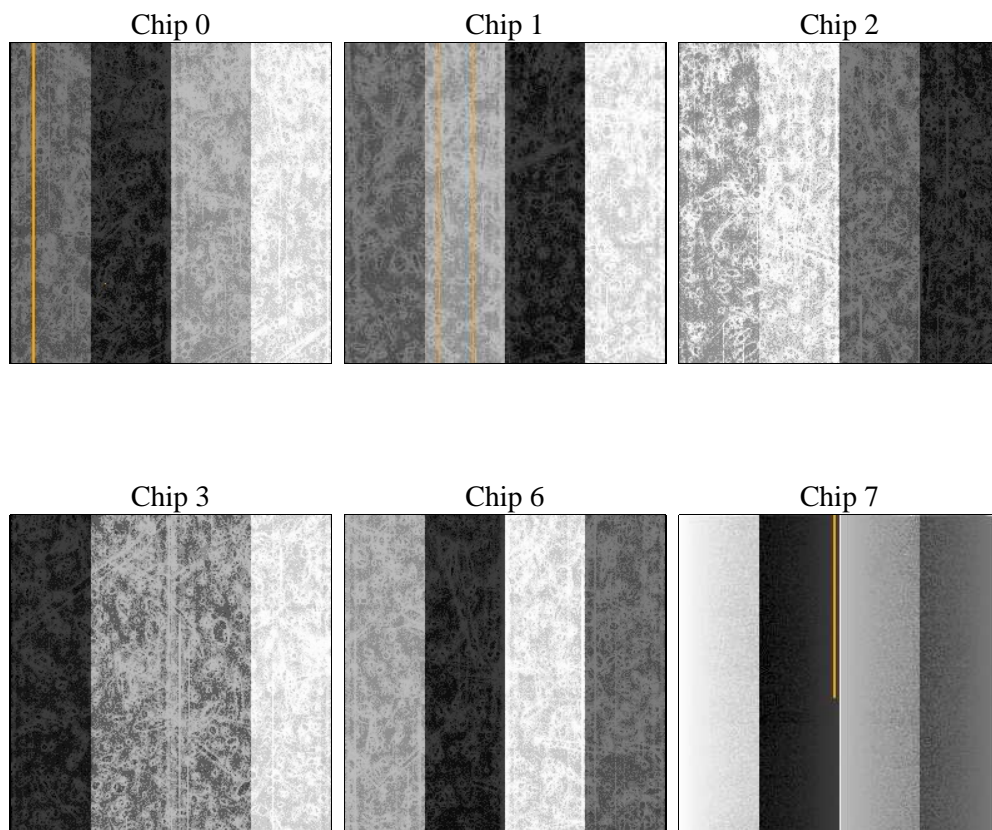
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3116.7999884486	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	3116.7999884486	Sum of GTIs [s]
date	2012-06-23T08:19:25	Date and time of file creation	ontime1	3116.7999884486	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3116.7999884486	Sum of GTIs [s]
			ontime3	3116.7999884486	Sum of GTIs [s]
			ontime6	3116.7999884486	Sum of GTIs [s]
			ontime7	3116.7999884486	Sum of GTIs [s]
			l1events	332479	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	52094	52903	52021	54110	54606	66745	grade 0 events	13521	13363	14063	13978	14012	7190
rejected events	27866	28273	27470	29502	29129	28505		25%	25%	27%	25%	25%	10%
rejected %	53%	53%	52%	54%	53%	42%	grade 1 events	97	76	105	106	82	68
								0%	0%	0%	0%	0%	0%
							grade 2 events	4694	4866	4533	4679	4885	8684
								9%	9%	8%	8%	8%	13%
							grade 3 events	1790	1822	1795	1772	1729	3674
								3%	3%	3%	3%	3%	5%
							grade 4 events	1656	1805	1734	1750	1763	3746
								3%	3%	3%	3%	3%	5%
							grade 5 events	1622	1657	1449	1715	1682	4311
								3%	3%	2%	3%	3%	6%
							grade 6 events	3840	4061	3766	3741	4378	16905
								7%	7%	7%	6%	8%	25%
							grade 7 events	24874	25253	24576	26369	26075	22167
								47%	47%	47%	48%	47%	33%

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	164.0246206545517
[deg] Pointing Dec	0	-13.01558556333608
[deg] Pointing Roll	0.0	293.1174992459588
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	386107320.575021	386107320.575021
Observation start date	2010-03-27T20:02:01	2010-03-27T20:02:00
[s] Observation end time (MET)	386111868.913473	386111868.913473
Observation end date	2010-03-27T21:17:49	2010-03-27T21:17:48
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)	2012.06.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1167999884486

A.2 Comments