

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56149 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 29 2012

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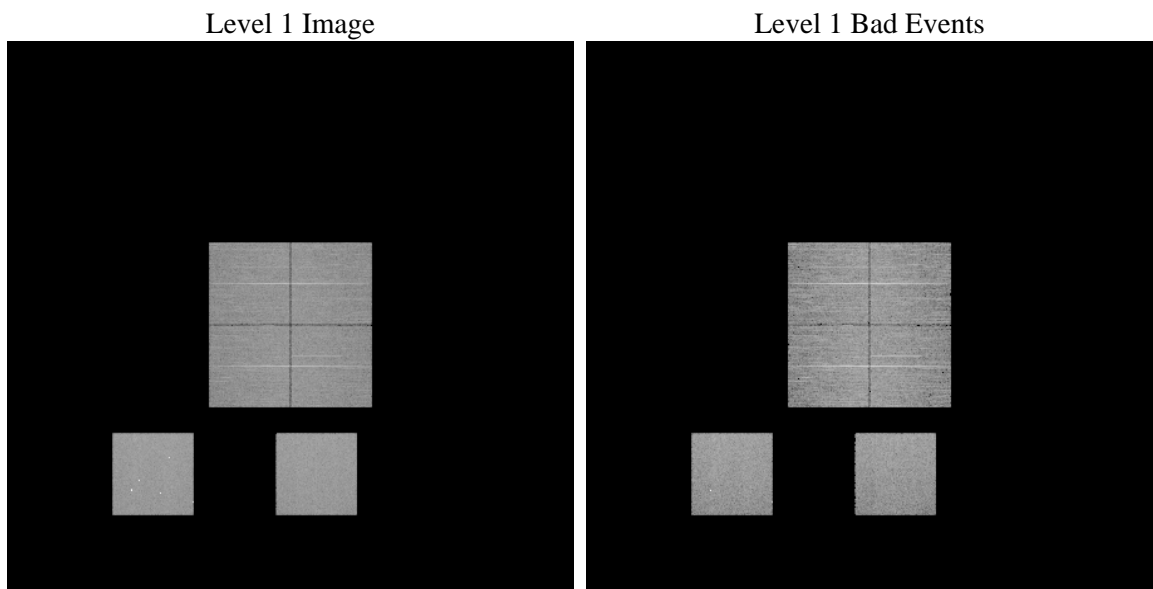
1 Front

seq_num	 	Sequence number
obs_id	56149	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	151.85624411478	Nominal RA [deg]
dec_nom	58.675218942314	Nominal Dec [deg]
roll_nom	285.26754855965	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8063.9999700189	Sum of GTIs [s]
livetime	7961.8887468406	Livetime [s]
ontime0	8063.9999700189	Sum of GTIs [s]
ontime1	8063.9999700189	Sum of GTIs [s]
ontime2	8063.9999700189	Sum of GTIs [s]
ontime3	8060.7590096593	Sum of GTIs [s]
ontime5	8063.9999700189	Sum of GTIs [s]
ontime7	8063.9999700189	Sum of GTIs [s]
l2events	411741	Number of level 2 events

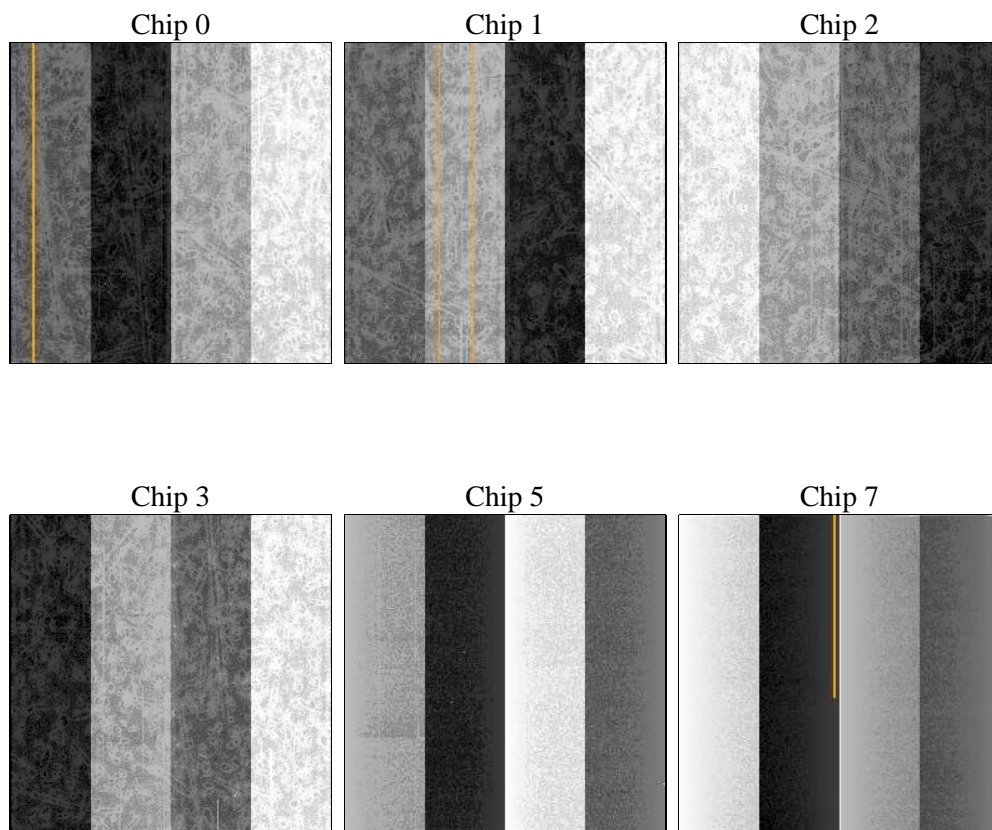
2 OBI

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	8063.9999700189	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8063.9999700189	Sum of GTIs [s]
date	2012-06-29T15:03:46	Date and time of file creation	ontime1	8063.9999700189	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8063.9999700189	Sum of GTIs [s]
			ontime3	8060.7590096593	Sum of GTIs [s]
			ontime5	8063.9999700189	Sum of GTIs [s]
			ontime7	8063.9999700189	Sum of GTIs [s]
			l1events	840351	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	124526	125821	128188	128030	170505	163281	grade 0 events	32745	32425	33823	34061	15636	17326
rejected events	64254	65237	67643	67160	71923	68166		26%	25%	26%	26%	9%	10%
rejected %	51%	51%	52%	52%	42%	41%	grade 1 events	231	199	230	245	288	142
								0%	0%	0%	0%	0%	0%
							grade 2 events	11369	11886	10957	10903	35550	21219
								9%	9%	8%	8%	20%	12%
							grade 3 events	4151	4119	4240	4279	4521	9025
								3%	3%	3%	3%	2%	5%
							grade 4 events	4248	4104	4147	4328	4320	8788
								3%	3%	3%	3%	2%	5%
							grade 5 events	3892	3900	3637	4260	9318	10714
								3%	3%	2%	3%	5%	6%
							grade 6 events	9461	9904	9147	9050	41343	41434
								7%	7%	7%	7%	24%	25%
							grade 7 events	58429	59284	62007	60904	59529	54633
								46%	47%	48%	47%	34%	33%

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	151.8562441147774
[deg] Pointing Dec	0	58.67521894231412
[deg] Pointing Roll	0.0	285.2675485596492
[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)	394786772.966924	394786772.966924
Observation start date	2010-07-06T06:59:33	2010-07-06T06:59:32
[s] Observation end time (MET)	394796321.568242	394796321.568242
Observation end date	2010-07-06T09:38:42	2010-07-06T09:38:41
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)	2012.07.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0639999700189

A.2 Comments