

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56153 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 29 2012

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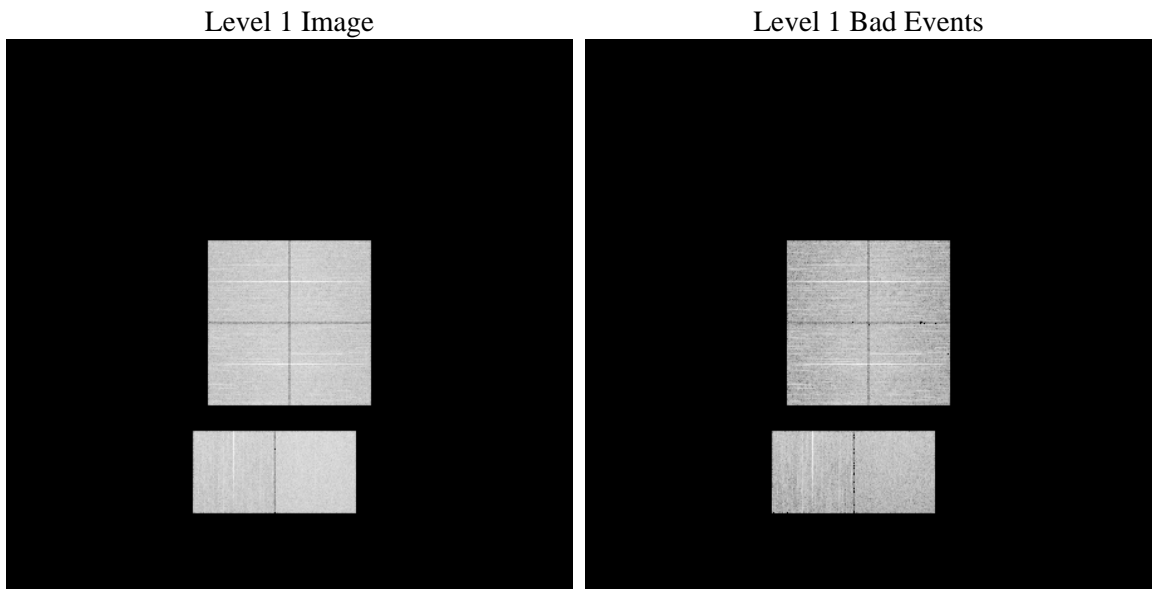
1 Front

seq_num	 	Sequence number
obs_id	56153	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	272.36436206833	Nominal RA [deg]
dec_nom	-13.435608973841	Nominal Dec [deg]
roll_nom	190.13859885981	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8115.1999698281	Sum of GTIs [s]
livetime	8012.4404214234	Livetime [s]
ontime0	8115.1999698281	Sum of GTIs [s]
ontime1	8115.1999698281	Sum of GTIs [s]
ontime2	8115.1999698281	Sum of GTIs [s]
ontime3	8115.1999698281	Sum of GTIs [s]
ontime6	8115.1999698281	Sum of GTIs [s]
ontime7	8115.1999698281	Sum of GTIs [s]
l2events	378605	Number of level 2 events

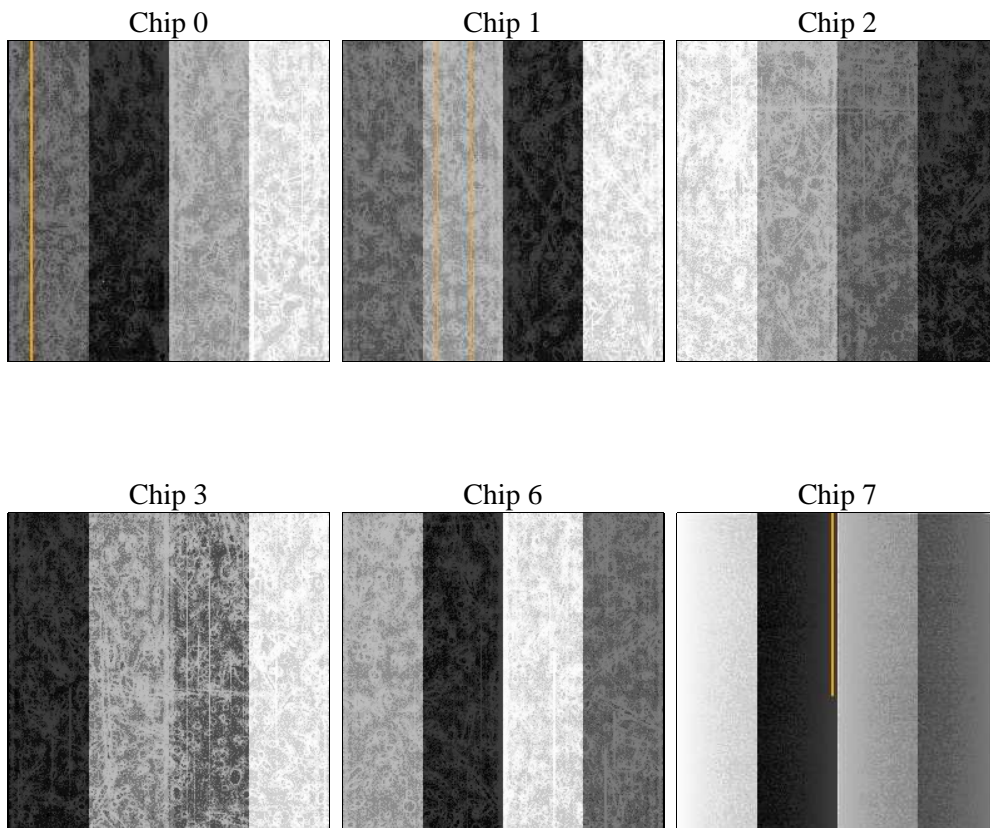
2 OBI

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	8115.1999698281	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8115.1999698281	Sum of GTIs [s]
date	2012-06-29T13:25:20	Date and time of file creation	ontime1	8115.1999698281	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8115.1999698281	Sum of GTIs [s]
			ontime3	8115.1999698281	Sum of GTIs [s]
			ontime6	8115.1999698281	Sum of GTIs [s]
			ontime7	8115.1999698281	Sum of GTIs [s]
			l1events	799471	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	122100	126310	128602	128709	131460	162290	grade 0 events	32625	32548	33291	33512	33130	17115
rejected events	61664	65346	67982	67873	68593	67564		26%	25%	25%	26%	25%	10%
rejected %	50%	51%	52%	52%	52%	41%	grade 1 events	227	205	233	226	191	127
								0%	0%	0%	0%	0%	0%
							grade 2 events	11377	11730	10810	10834	11625	20839
								9%	9%	8%	8%	8%	12%
							grade 3 events	4168	4108	4300	4332	4238	8798
								3%	3%	3%	3%	3%	5%
							grade 4 events	4128	4206	4337	4240	4365	8950
								3%	3%	3%	3%	3%	5%
							grade 5 events	3773	4019	3540	4095	4210	10414
								3%	3%	2%	3%	3%	6%
							grade 6 events	9353	9669	9105	9169	10854	40988
								7%	7%	7%	7%	8%	25%
							grade 7 events	56449	59825	62986	62301	62847	55059
								46%	47%	48%	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	272.3643620683274
[deg] Pointing Dec	0	-13.43560897384114
[deg] Pointing Roll	0.0	190.1385988598078
[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)	394559026.155298	394559026.155298
Observation start date	2010-07-03T15:43:46	2010-07-03T15:43:46
[s] Observation end time (MET)	394568571.334065	394568571.334065
Observation end date	2010-07-03T18:22:51	2010-07-03T18:22:51
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	8.1151999698281

A.2 Comments