

V&V Reference Report

L2 ASCDS Version : 10

Observation 53455 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 26 2013

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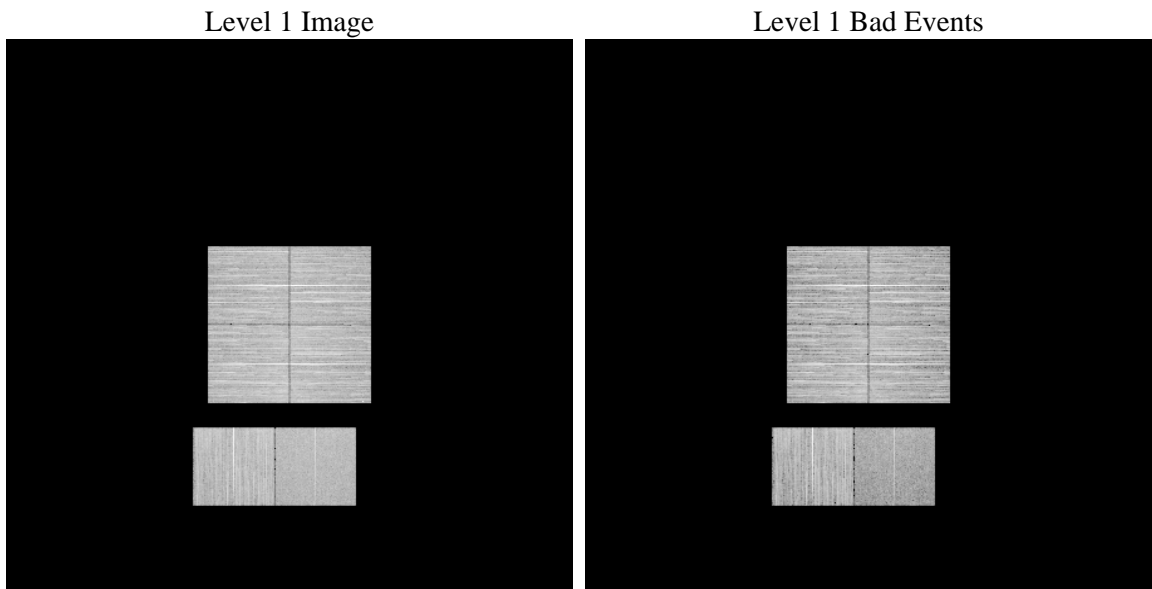
1 Front

seq_num	 	Sequence number
obs_id	53455	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	350.5245356759	Nominal RA [deg]
dec_nom	-5.5832998039796	Nominal Dec [deg]
roll_nom	129.05007561068	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8099.1999698877	Sum of GTIs [s]
livetime	7996.6430231163	Livetime [s]
ontime0	8099.1999698877	Sum of GTIs [s]
ontime1	8099.1999698877	Sum of GTIs [s]
ontime2	8099.1999698877	Sum of GTIs [s]
ontime3	8099.1999698877	Sum of GTIs [s]
ontime6	8099.1999698877	Sum of GTIs [s]
ontime7	8099.1999698877	Sum of GTIs [s]
l2events	224910	Number of level 2 events

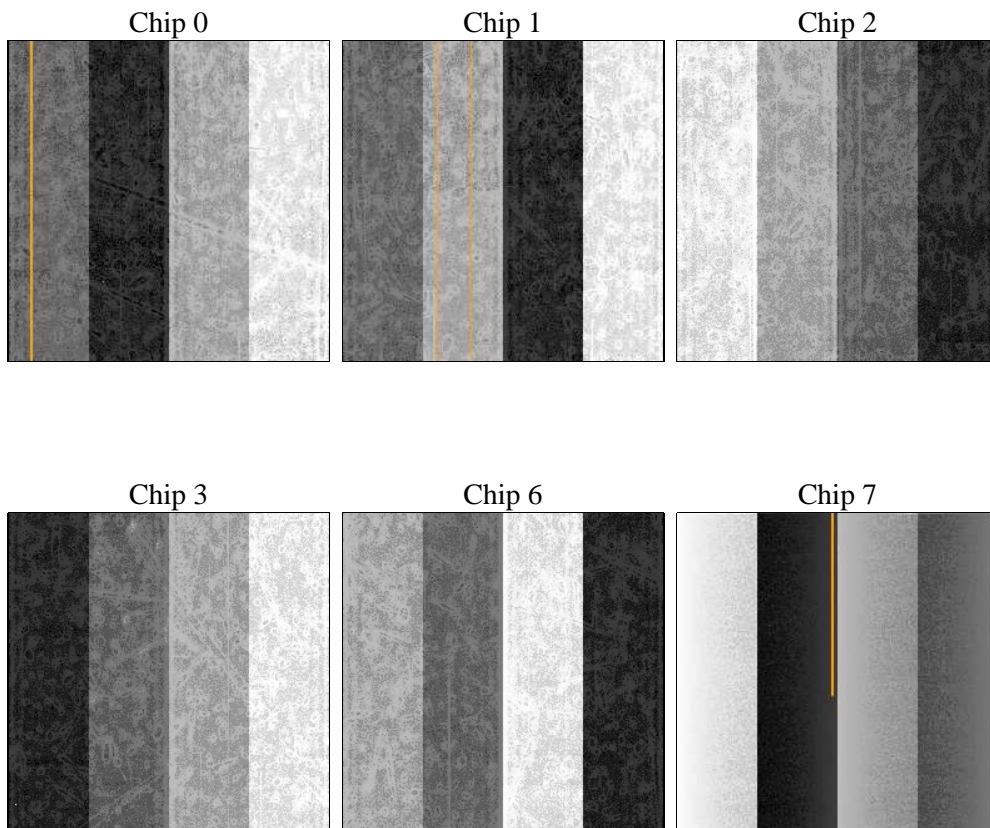
2 OBI

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	10	Processing system revision	ontime	8099.1999698877	Sum of GTIs [s]
caldbver	4.5.8	 	ontime0	8099.1999698877	Sum of GTIs [s]
date	2013-08-26T19:28:06	Date and time of file creation	ontime1	8099.1999698877	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8099.1999698877	Sum of GTIs [s]
			ontime3	8099.1999698877	Sum of GTIs [s]
			ontime6	8099.1999698877	Sum of GTIs [s]
			ontime7	8099.1999698877	Sum of GTIs [s]
			l1events	885732	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	146033	146917	162145	155806	149504	125327	grade 0 events	18290	17839	19149	19120	18992	9823
rejected events	110838	111514	126966	120310	111789	65970		12%	12%	11%	12%	12%	7%
rejected %	75%	75%	78%	77%	74%	52%	grade 1 events	102	67	100	102	90	91
								0%	0%	0%	0%	0%	0%
							grade 2 events	7277	7708	6930	6928	7986	15156
								4%	5%	4%	4%	5%	12%
							grade 3 events	2486	2409	2341	2473	2399	5003
								1%	1%	1%	1%	1%	3%
							grade 4 events	2390	2374	2399	2451	2518	5023
								1%	1%	1%	1%	1%	4%
							grade 5 events	2693	2868	2623	3118	2953	7362
								1%	1%	1%	2%	1%	5%
							grade 6 events	6213	6497	5773	5976	7384	26254
								4%	4%	3%	3%	4%	20%
							grade 7 events	106582	107155	122830	115638	107182	56615
								72%	72%	75%	74%	71%	45%

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	350.5245356758957
[deg] Pointing Dec	0	-5.583299803979622
[deg] Pointing Roll	0.0	129.050075610679
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)	493728487.031316	493728487.031316
Observation start date	2013-08-24T10:48:07	2013-08-24T10:48:07
[s] Observation end time (MET)	493736842.206693	493736842.206693
Observation end date	2013-08-24T13:07:22	2013-08-24T13:07:22
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)	2013.08.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0991999698877

A.2 Comments