

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52356 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 27 2014

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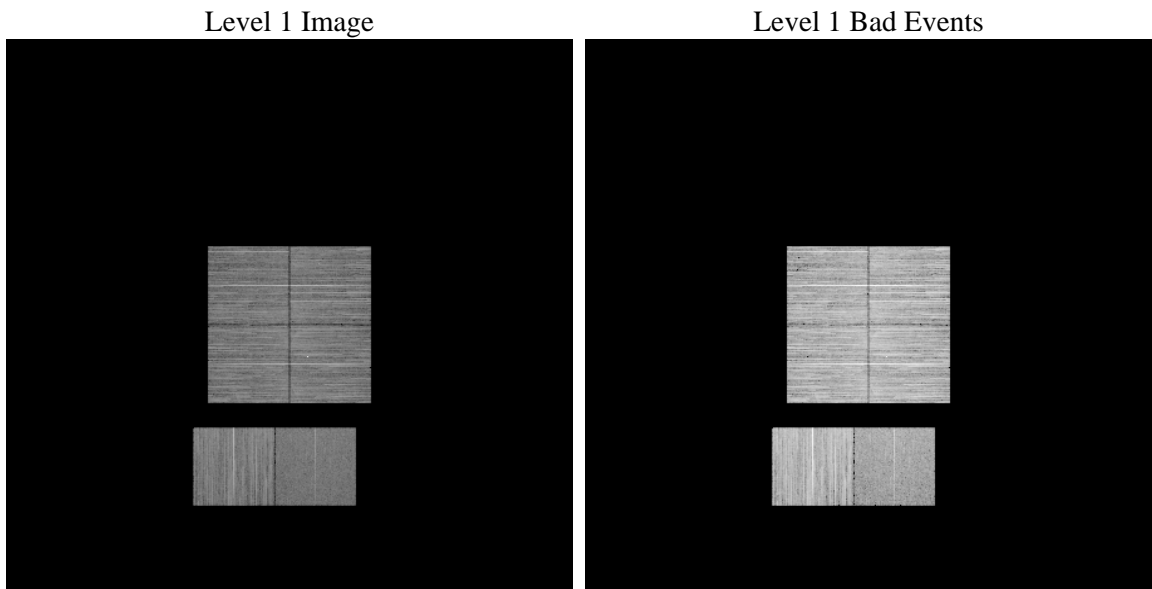
1 Front

seq_num	 	Sequence number
obs_id	52356	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	53.19689350965	Nominal RA [deg]
dec_nom	-1.2112208729456	Nominal Dec [deg]
roll_nom	56.650075449612	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8140.7999697328	Sum of GTIs [s]
livetime	8037.7162587148	Livetime [s]
ontime0	8140.7999697328	Sum of GTIs [s]
ontime1	8140.7999697328	Sum of GTIs [s]
ontime2	8140.7999697328	Sum of GTIs [s]
ontime3	8140.7999697328	Sum of GTIs [s]
ontime6	8140.7999697328	Sum of GTIs [s]
ontime7	8140.7999697328	Sum of GTIs [s]
l2events	165635	Number of level 2 events

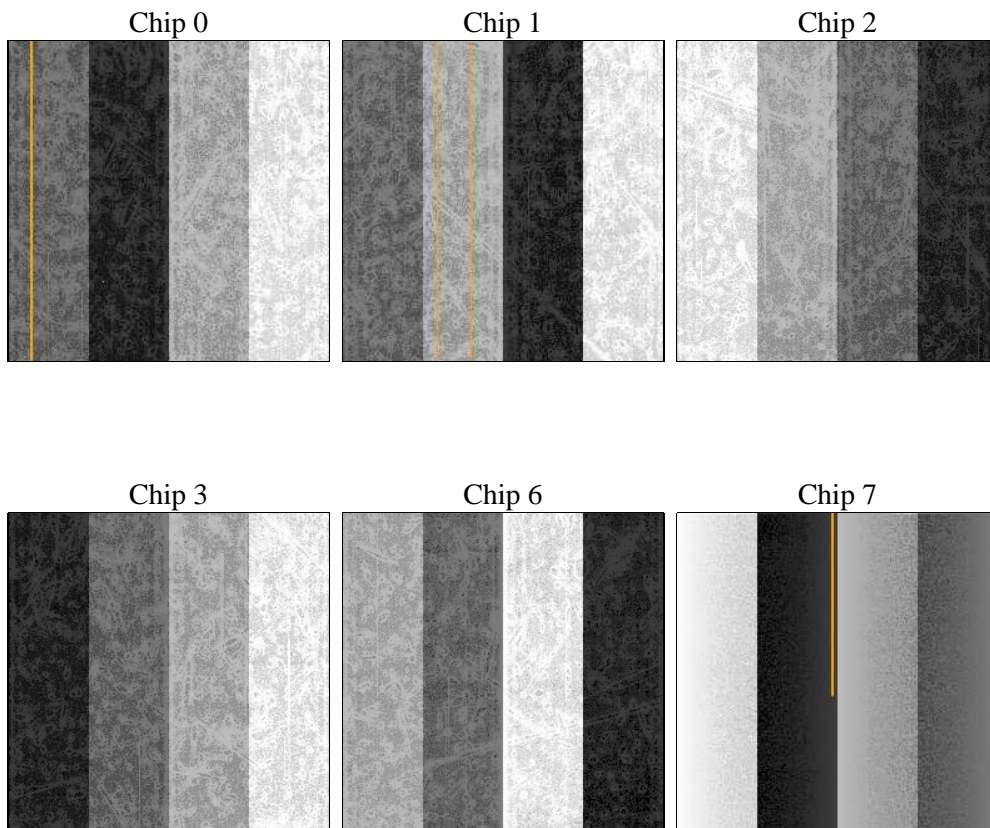
2 OBI

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	10.2.4	Processing system revision	ontime	8140.7999697328	Sum of GTIs [s]
caldsver	4.6.3	 	ontime0	8140.7999697328	Sum of GTIs [s]
date	2014-10-27T19:25:40	Date and time of file creation	ontime1	8140.7999697328	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8140.7999697328	Sum of GTIs [s]
			ontime3	8140.7999697328	Sum of GTIs [s]
			ontime6	8140.7999697328	Sum of GTIs [s]
			ontime7	8140.7999697328	Sum of GTIs [s]
			l1events	873831	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	135967	150138	150625	161160	157566	118375	grade 0 events	12527	11920	12990	12863	12190	6361
rejected events	110887	124828	125686	132589	131703	68860		9%	7%	8%	7%	7%	5%
rejected %	81%	83%	83%	82%	83%	58%	grade 1 events	72	73	75	91	55	87
								0%	0%	0%	0%	0%	0%
							grade 2 events	5373	6060	5136	8610	5994	12708
								3%	4%	3%	5%	3%	10%
							grade 3 events	1781	1777	1711	1791	1654	3734
								1%	1%	1%	1%	1%	3%
							grade 4 events	1780	1632	1711	1795	1660	3796
								1%	1%	1%	1%	1%	3%
							grade 5 events	2860	2863	2700	3236	2967	7110
								2%	1%	1%	2%	1%	6%
							grade 6 events	4194	4499	3991	4112	4958	23934
								3%	2%	2%	2%	3%	20%
							grade 7 events	107380	121314	122311	128662	128088	60645
								78%	80%	81%	79%	81%	51%

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	53.19689350964988
[deg] Pointing Dec	0	-1.211220872945637
[deg] Pointing Roll	0.0	56.65007544961198
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)	530740103.371034	530740103.371034
Observation start date	2014-10-26T19:48:23	2014-10-26T19:48:23
[s] Observation end time (MET)	530749651.516475	530749651.516475
Observation end date	2014-10-26T22:27:32	2014-10-26T22:27:31
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.10.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1407999697328

A.2 Comments