

V&V Reference Report

L2 ASCDS Version : 10

Observation 53476 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 14 2013

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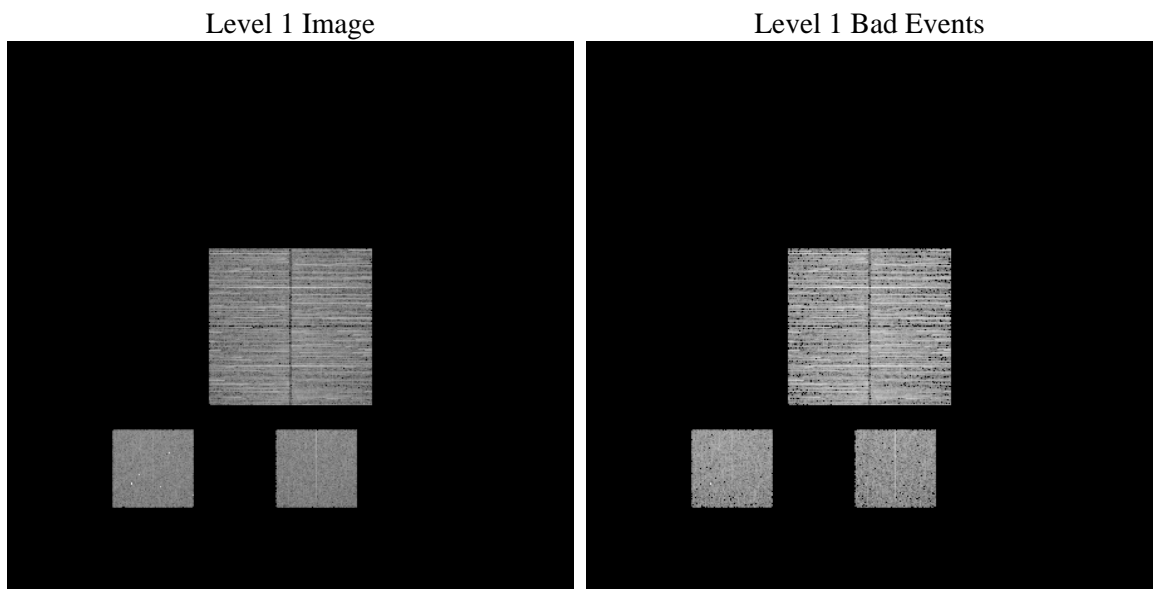
1 Front

seq_num	 	Sequence number
obs_id	53476	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	349.45042529612	Nominal RA [deg]
dec_nom	-33.7713984327	Nominal Dec [deg]
roll_nom	56.440986783369	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3288.3460990787	Sum of GTIs [s]
livetime	3246.7070807678	Livetime [s]
ontime0	3288.3050590754	Sum of GTIs [s]
ontime1	3288.2640190721	Sum of GTIs [s]
ontime2	3288.2229790688	Sum of GTIs [s]
ontime3	3288.387139082	Sum of GTIs [s]
ontime5	3288.1819390655	Sum of GTIs [s]
ontime7	3288.3460990787	Sum of GTIs [s]
l2events	90130	Number of level 2 events

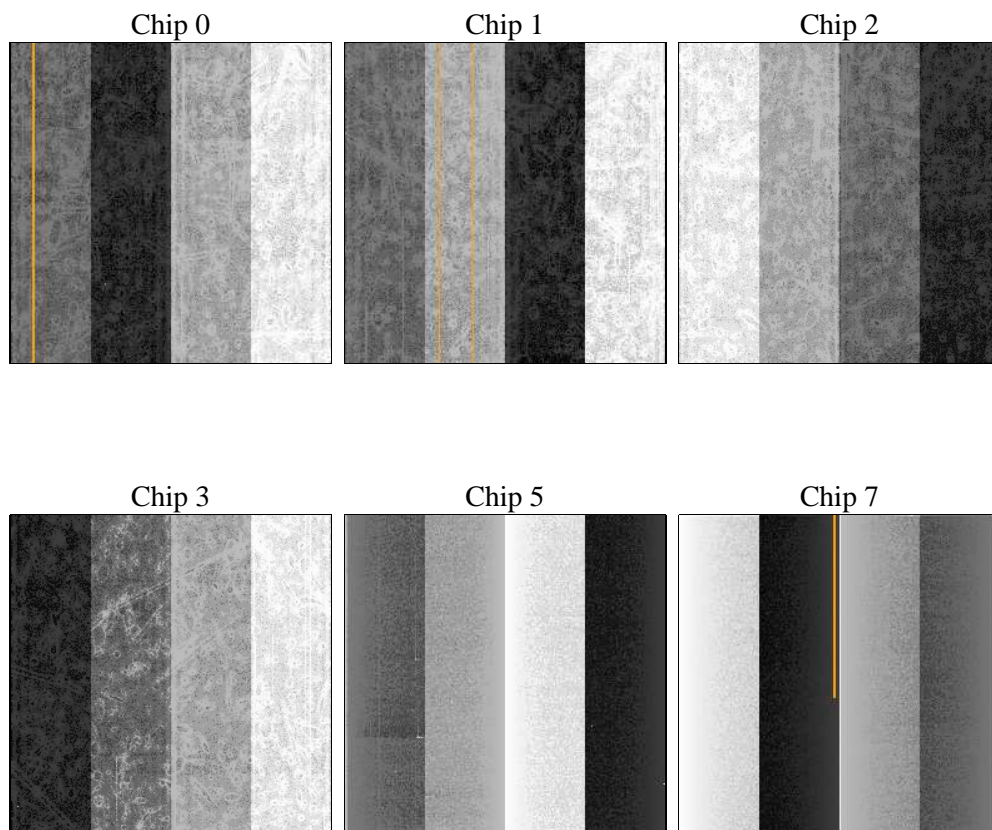
2 OBI

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	3288.3460990787	Sum of GTIs [s]
caldsver	4.5.7	 	ontime0	3288.3050590754	Sum of GTIs [s]
date	2013-08-14T17:15:42	Date and time of file creation	ontime1	3288.2640190721	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3288.2229790688	Sum of GTIs [s]
			ontime3	3288.387139082	Sum of GTIs [s]
			ontime5	3288.1819390655	Sum of GTIs [s]
			ontime7	3288.3460990787	Sum of GTIs [s]
			l1events	337444	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	57171	61126	58098	59869	53008	48172	grade 0 events	6177	5949	6448	6516	3900	3202
rejected events	44915	48950	45815	47464	27640	25808		10%	9%	11%	10%	7%	6%
rejected %	78%	80%	78%	79%	52%	53%	grade 1 events	34	30	43	37	87	35
								0%	0%	0%	0%	0%	0%
							grade 2 events	2475	2618	2323	2337	9114	5460
								4%	4%	3%	3%	17%	11%
							grade 3 events	848	804	845	849	941	1772
								1%	1%	1%	1%	1%	3%
							grade 4 events	816	807	813	853	844	1841
								1%	1%	1%	1%	1%	3%
							grade 5 events	1142	1136	1053	1285	2352	2820
								1%	1%	1%	2%	4%	5%
							grade 6 events	1940	1998	1854	1850	10569	10089
								3%	3%	3%	3%	19%	20%
							grade 7 events	43739	47784	44719	46142	25201	22953
								76%	78%	76%	77%	47%	47%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	349.4504252961153	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-33.77139843270026	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	56.44098678336864	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	492843868.93307	492843867.90807			
Observation start date	2013-08-14T05:04:29	2013-08-14T05:04:27			
[s] Observation end time (MET)	492849049.283352	492849048.25835			
Observation end date	2013-08-14T06:30:49	2013-08-14T06:30:48			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2883460990787

A.2 Comments