

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 53667 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 29 2013

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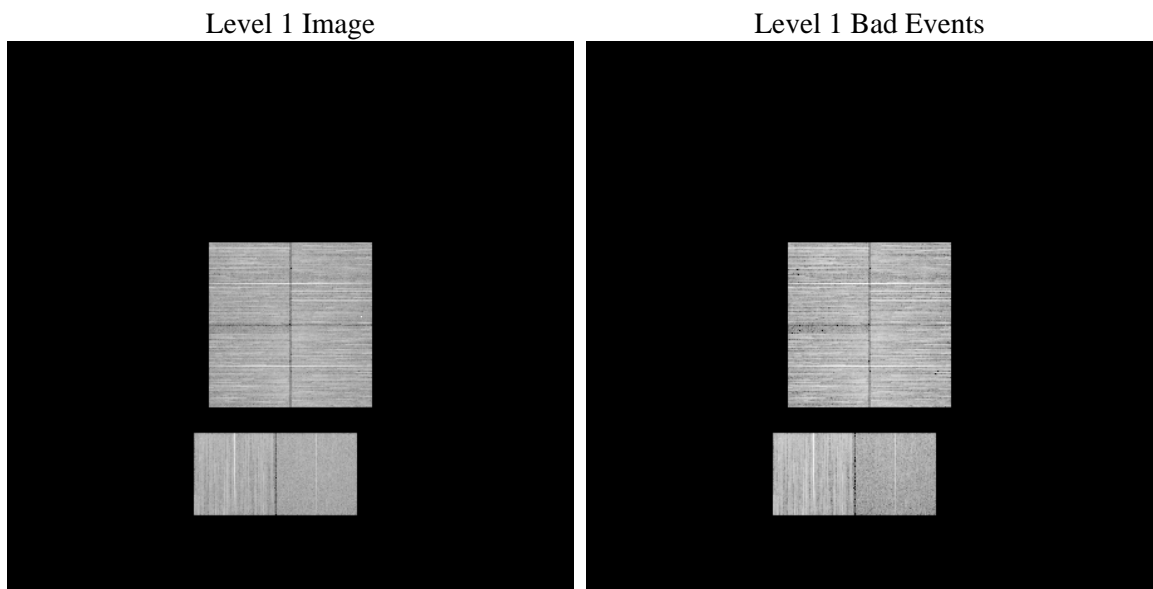
1 Front

seq_num	 	Sequence number
obs_id	53667	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	271.99567580458	Nominal RA [deg]
dec_nom	-44.973891442724	Nominal Dec [deg]
roll_nom	51.119999155241	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8291.1999691725	Sum of GTIs [s]
livetime	8186.2118028016	Livetime [s]
ontime0	8291.1870644093	Sum of GTIs [s]
ontime1	8291.146024406	Sum of GTIs [s]
ontime2	8291.1049844027	Sum of GTIs [s]
ontime3	8291.1999691725	Sum of GTIs [s]
ontime6	8291.0639443994	Sum of GTIs [s]
ontime7	8291.1999691725	Sum of GTIs [s]
l2events	212252	Number of level 2 events

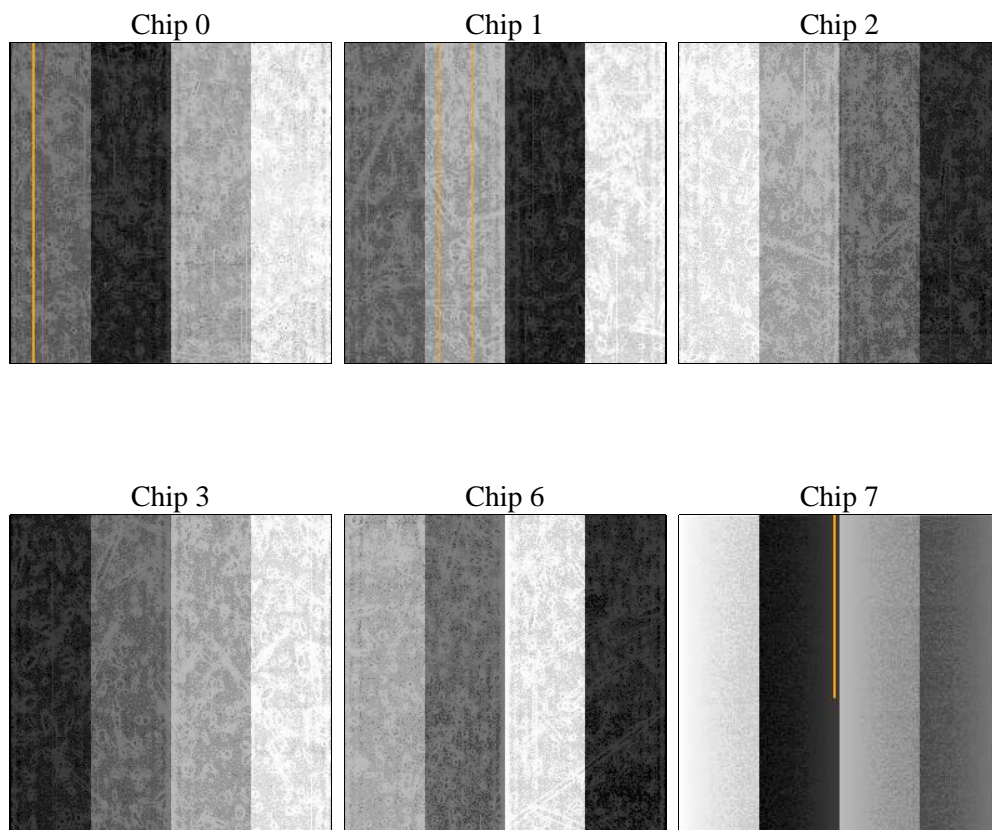
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	8291.1999691725	Sum of GTIs [s]
caldsver	4.5.6	 	ontime0	8291.1870644093	Sum of GTIs [s]
date	2013-05-29T20:50:22	Date and time of file creation	ontime1	8291.146024406	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8291.1049844027	Sum of GTIs [s]
			ontime3	8291.1999691725	Sum of GTIs [s]
			ontime6	8291.0639443994	Sum of GTIs [s]
			ontime7	8291.1999691725	Sum of GTIs [s]
			l1events	861281	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	145124	144489	145184	151814	151763	122907	grade 0 events	16842	17264	17337	17409	17029	8760
rejected events	112303	110466	112119	118658	117483	64932		11%	11%	11%	11%	11%	7%
rejected %	77%	76%	77%	78%	77%	52%	grade 1 events	88	88	79	98	80	82
								0%	0%	0%	0%	0%	0%
							grade 2 events	6476	6815	6301	6215	6873	14193
								4%	4%	4%	4%	4%	11%
							grade 3 events	2205	2282	2245	2313	2217	4911
								1%	1%	1%	1%	1%	3%
							grade 4 events	2158	2219	2275	2296	2204	4775
								1%	1%	1%	1%	1%	3%
							grade 5 events	2805	2847	2499	2980	2909	7358
								1%	1%	1%	1%	1%	5%
							grade 6 events	5158	5457	4925	4940	5975	25353
								3%	3%	3%	3%	3%	20%
							grade 7 events	109392	107517	109523	115563	114476	57475
								75%	74%	75%	76%	75%	46%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	271.9956758045765	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-44.97389144272445	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	51.11999915524055	[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)	486185177.471002	486185176.446			
Observation start date	2013-05-29T03:26:17	2013-05-29T03:26:16			
[s] Observation end time (MET)	486200622.17184	486200621.14684			
Observation end date	2013-05-29T07:43:42	2013-05-29T07:43:41			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2911999691725

A.2 Comments