

V&V Reference Report

L2 ASCDS Version : 10.2.2

Observation 52667 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 30 2014

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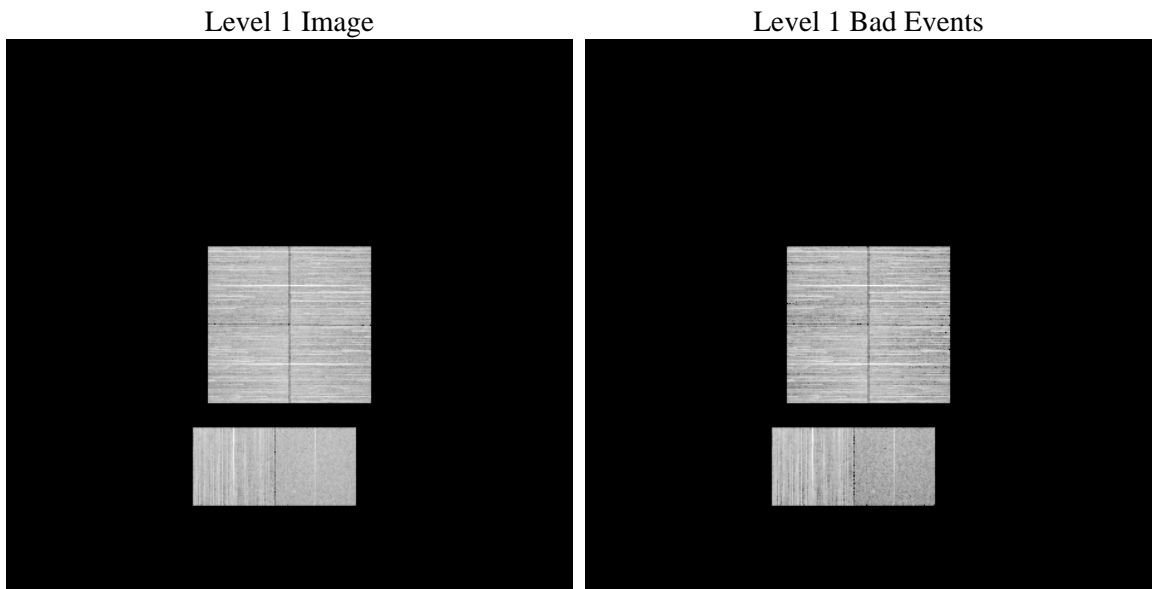
1 Front

seq_num	 	Sequence number
obs_id	52667	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	279.97523338318	Nominal RA [deg]
dec_nom	1.9853203803563	Nominal Dec [deg]
roll_nom	177.76590006901	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8470.3999685049	Sum of GTIs [s]
livetime	8363.1426638412	Livetime [s]
ontime0	8470.3999685049	Sum of GTIs [s]
ontime1	8470.3999685049	Sum of GTIs [s]
ontime2	8470.3999685049	Sum of GTIs [s]
ontime3	8470.3999685049	Sum of GTIs [s]
ontime6	8470.3999685049	Sum of GTIs [s]
ontime7	8470.3999685049	Sum of GTIs [s]
l2events	172630	Number of level 2 events

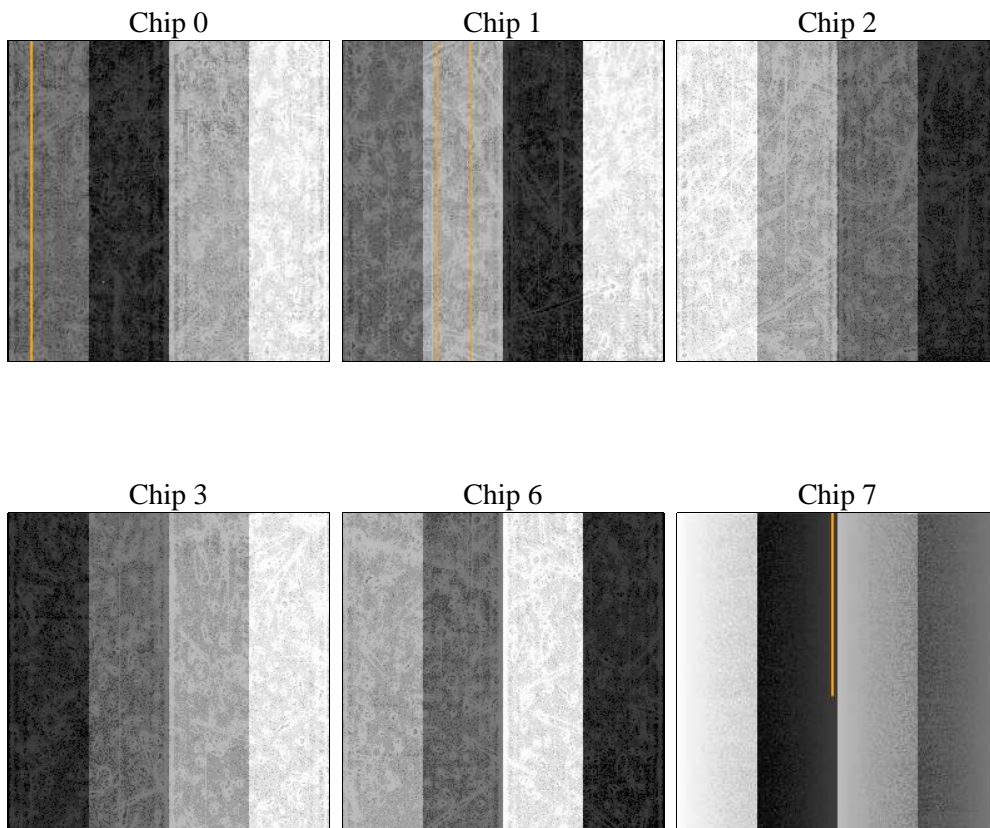
2 OBI

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	10.2.2	Processing system revision	ontime	8470.3999685049	Sum of GTIs [s]
caldsver	4.6.1	 	ontime0	8470.3999685049	Sum of GTIs [s]
date	2014-06-30T14:49:59	Date and time of file creation	ontime1	8470.3999685049	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8470.3999685049	Sum of GTIs [s]
			ontime3	8470.3999685049	Sum of GTIs [s]
			ontime6	8470.3999685049	Sum of GTIs [s]
			ontime7	8470.3999685049	Sum of GTIs [s]
			l1events	821539	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	135975	143921	147726	137512	142000	114405	grade 0 events	13035	12789	13698	13597	13080	6838
rejected events	109748	117459	121148	111095	114871	63856		9%	8%	9%	9%	9%	5%
rejected %	80%	81%	82%	80%	80%	55%	grade 1 events	56	67	71	74	71	74
								0%	0%	0%	0%	0%	0%
							grade 2 events	5381	5783	5122	5159	5688	12567
								3%	4%	3%	3%	4%	10%
							grade 3 events	1774	1745	1900	1829	1784	3964
								1%	1%	1%	1%	1%	3%
							grade 4 events	1722	1756	1854	1852	1728	3960
								1%	1%	1%	1%	1%	3%
							grade 5 events	2807	2738	2589	2950	2953	7031
								2%	1%	1%	2%	2%	6%
							grade 6 events	4315	4389	4004	3980	4859	23220
								3%	3%	2%	2%	3%	20%
							grade 7 events	106885	114654	118488	108071	111837	56751
								78%	79%	80%	78%	78%	49%

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	279.9752333831754	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	1.985320380356319	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	177.7659000690061	[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)	520494143.352605	520494142.3276			
Observation start date	2014-06-30T05:42:23	2014-06-30T05:42:22			
[s] Observation end time (MET)	520505551.603236	520505550.57824			
Observation end date	2014-06-30T08:52:32	2014-06-30T08:52:30			
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)	2014.06.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4703999685049

A.2 Comments