

V&V Reference Report

L2 ASCDS Version : 10.1.1

Observation 53237 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 12 2013

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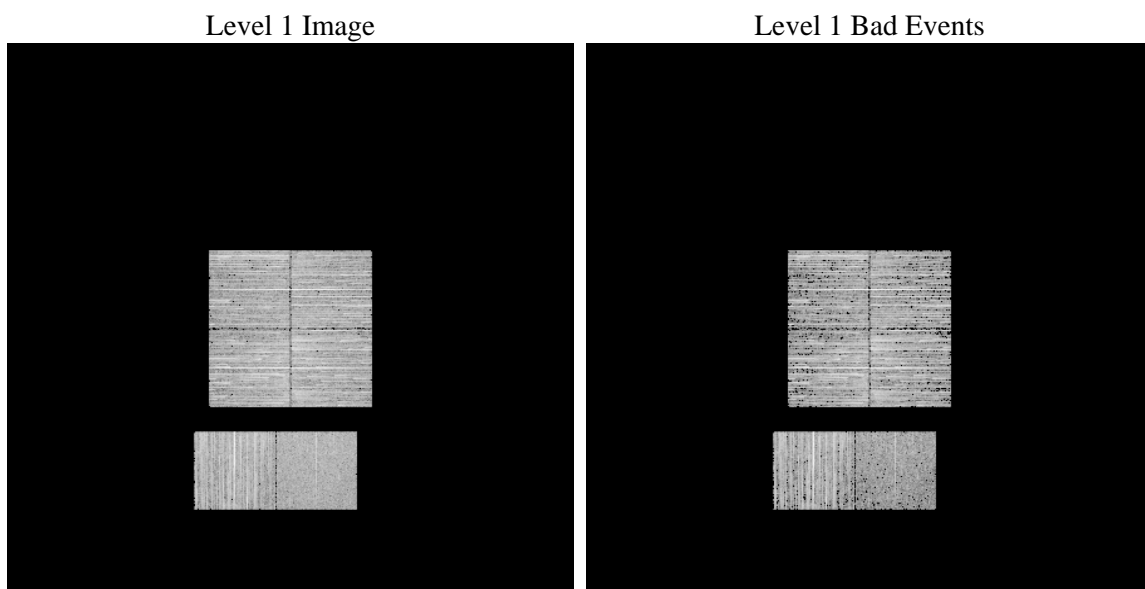
1 Front

seq_num	 	Sequence number
obs_id	53237	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	20.548912275082	Nominal RA [deg]
dec_nom	18.48342643346	Nominal Dec [deg]
roll_nom	272.36841664839	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3452.7999871969	Sum of GTIs [s]
livetime	3409.0785547325	Livetime [s]
ontime0	3446.3178662658	Sum of GTIs [s]
ontime1	3452.7999871969	Sum of GTIs [s]
ontime2	3452.7999871969	Sum of GTIs [s]
ontime3	3452.7999871969	Sum of GTIs [s]
ontime6	3452.7999871969	Sum of GTIs [s]
ontime7	3452.7999871969	Sum of GTIs [s]
l2events	78568	Number of level 2 events

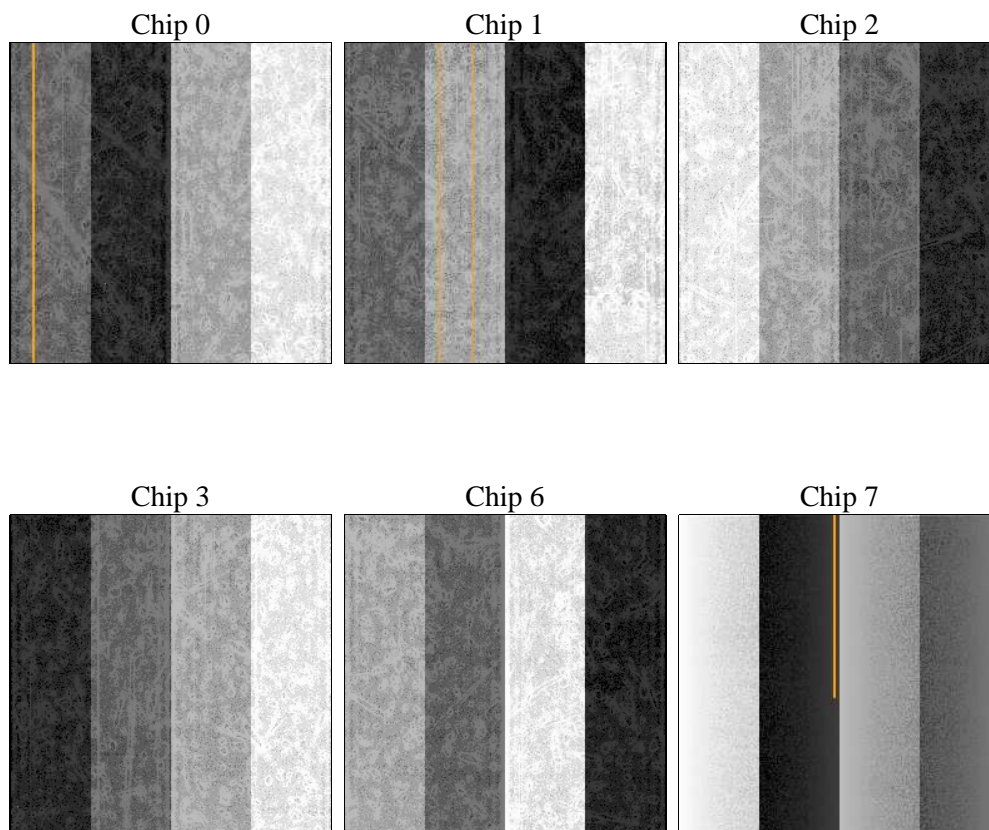
2 OBI

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	10.1.1	Processing system revision	ontime	3452.7999871969	Sum of GTIs [s]
caldsver	4.5.8	 	ontime0	3446.3178662658	Sum of GTIs [s]
date	2013-11-12T16:08:15	Date and time of file creation	ontime1	3452.7999871969	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3452.7999871969	Sum of GTIs [s]
			ontime3	3452.7999871969	Sum of GTIs [s]
			ontime6	3452.7999871969	Sum of GTIs [s]
			ontime7	3452.7999871969	Sum of GTIs [s]
			l1events	350848	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	55693	58504	63126	62537	62669	48319	grade 0 events	6015	5855	6343	6330	6143	3127
rejected events	43782	46452	50785	50445	50036	26143		10%	10%	10%	10%	9%	6%
rejected %	78%	79%	80%	80%	79%	54%	grade 1 events	27	21	31	23	28	34
								0%	0%	0%	0%	0%	0%
							grade 2 events	2493	2590	2473	2335	2638	5552
								4%	4%	3%	3%	4%	11%
							grade 3 events	835	809	810	811	829	1786
								1%	1%	1%	1%	1%	3%
							grade 4 events	780	765	797	859	772	1714
								1%	1%	1%	1%	1%	3%
							grade 5 events	1101	1087	1074	1185	1163	2817
								1%	1%	1%	1%	1%	5%
							grade 6 events	1788	2033	1918	1757	2251	9997
								3%	3%	3%	2%	3%	20%
							grade 7 events	42654	45344	49680	49237	48845	23292
								76%	77%	78%	78%	77%	48%

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	20.54891227508186	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	18.48342643345956	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	272.3684166483908	[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)	500611706.807624	500611705.78262			
Observation start date	2013-11-12T02:48:27	2013-11-12T02:48:25			
[s] Observation end time (MET)	500618475.907995	500618474.883			
Observation end date	2013-11-12T04:41:16	2013-11-12T04:41:14			
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)	2013.11.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.4527999871969

A.2 Comments