

V&V Reference Report

L2 ASCDS Version : 10.1.1

Observation 53123 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Dec 29 2013

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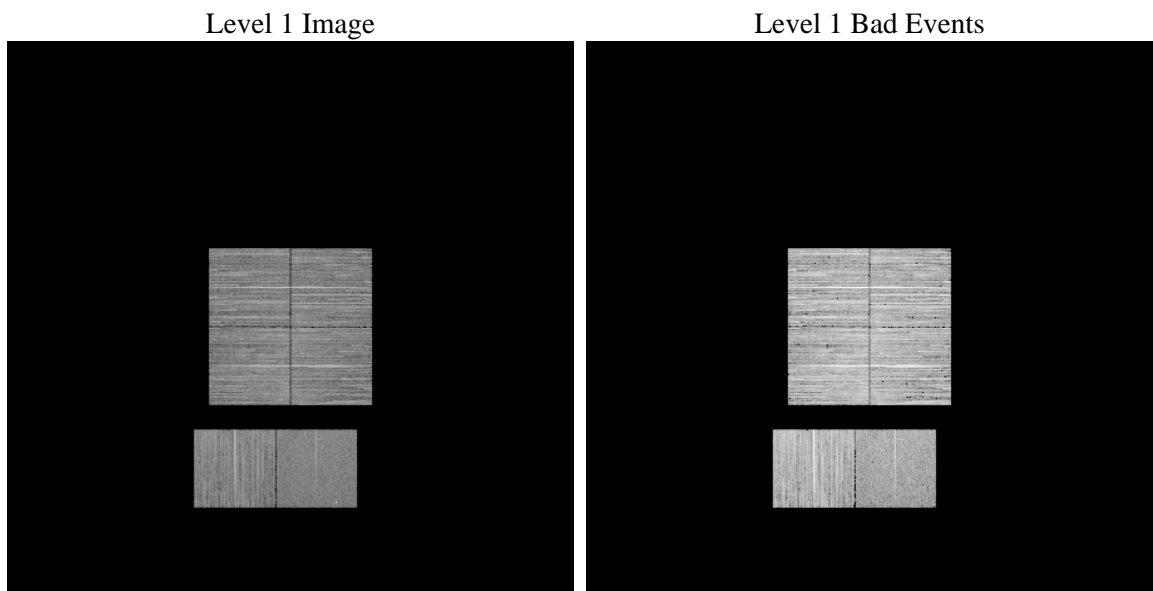
1 Front

seq_num	 	Sequence number
obs_id	53123	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	232.56520191498	Nominal RA [deg]
dec_nom	5.4073955932051	Nominal Dec [deg]
roll_nom	55.759779286905	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5711.9999787807	Sum of GTIs [s]
livetime	5639.671195696	Livetime [s]
ontime0	5711.9999787807	Sum of GTIs [s]
ontime1	5711.9999787807	Sum of GTIs [s]
ontime2	5711.9999787807	Sum of GTIs [s]
ontime3	5711.9999787807	Sum of GTIs [s]
ontime6	5711.9999787807	Sum of GTIs [s]
ontime7	5711.9999787807	Sum of GTIs [s]
l2events	128844	Number of level 2 events

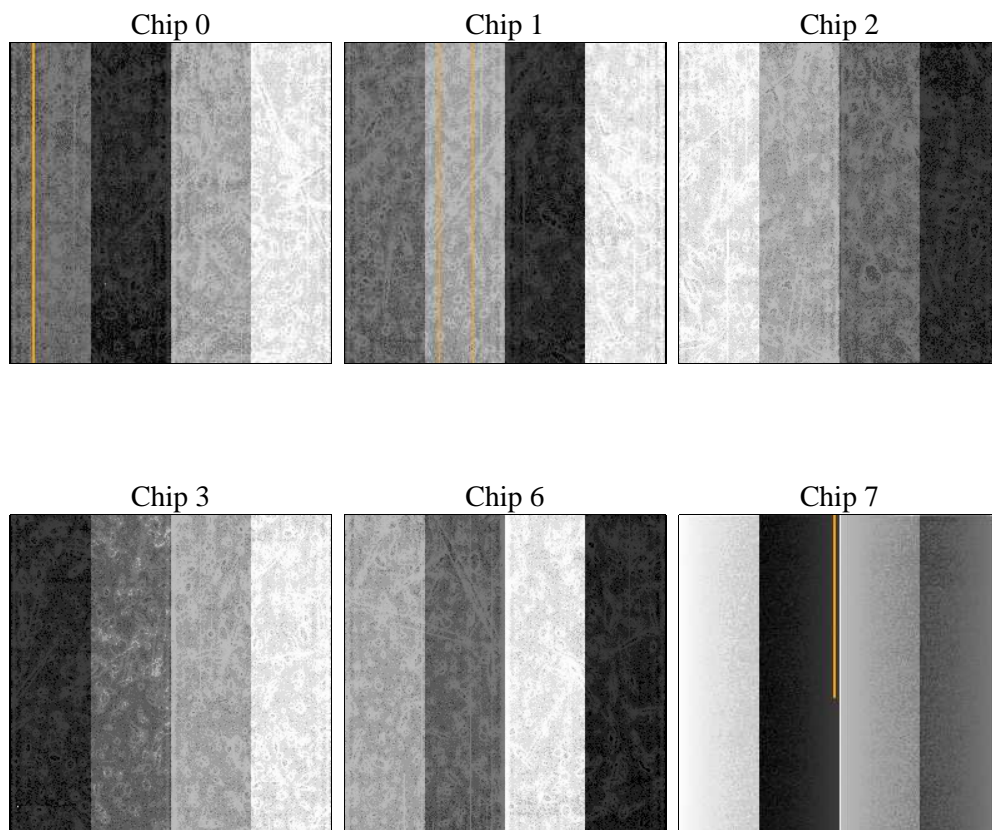
2 OBI

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	5711.9999787807	Sum of GTIs [s]
caldsver	4.6.0	 	ontime0	5711.9999787807	Sum of GTIs [s]
date	2013-12-30T01:13:22	Date and time of file creation	ontime1	5711.9999787807	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	5711.9999787807	Sum of GTIs [s]
			ontime3	5711.9999787807	Sum of GTIs [s]
			ontime6	5711.9999787807	Sum of GTIs [s]
			ontime7	5711.9999787807	Sum of GTIs [s]
			l1events	604189	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	103444	103195	107966	104477	99832	85275	grade 0 events	9810	9317	10485	10068	9617	6730
rejected events	83662	83476	87925	84810	79415	46549		9%	9%	9%	9%	9%	7%
rejected %	80%	80%	81%	81%	79%	54%	grade 1 events	58	41	49	54	40	43
								0%	0%	0%	0%	0%	0%
							grade 2 events	4113	4540	3913	3799	4587	9144
								3%	4%	3%	3%	4%	10%
							grade 3 events	1289	1314	1236	1423	1275	2958
								1%	1%	1%	1%	1%	3%
							grade 4 events	1371	1256	1381	1343	1287	2916
								1%	1%	1%	1%	1%	3%
							grade 5 events	1911	1899	1926	2093	1910	4968
								1%	1%	1%	2%	1%	5%
							grade 6 events	3199	3292	3032	3034	3662	16978
								3%	3%	2%	2%	3%	19%
							grade 7 events	81693	81536	85944	82663	77454	41538
								78%	79%	79%	79%	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	232.5652019149769	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	5.40739559320508	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	55.75977928690525	[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	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	504724728.633189	504724727.60819			
Observation start date	2013-12-29T17:18:49	2013-12-29T17:18:47			
[s] Observation end time (MET)	504734751.08374	504734750.05874			
Observation end date	2013-12-29T20:05:51	2013-12-29T20:05:50			
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)	2013.12.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.7119999787807

A.2 Comments