

V&V Reference Report

L2 ASCDS Version : 10

Observation 53494 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 8 2013

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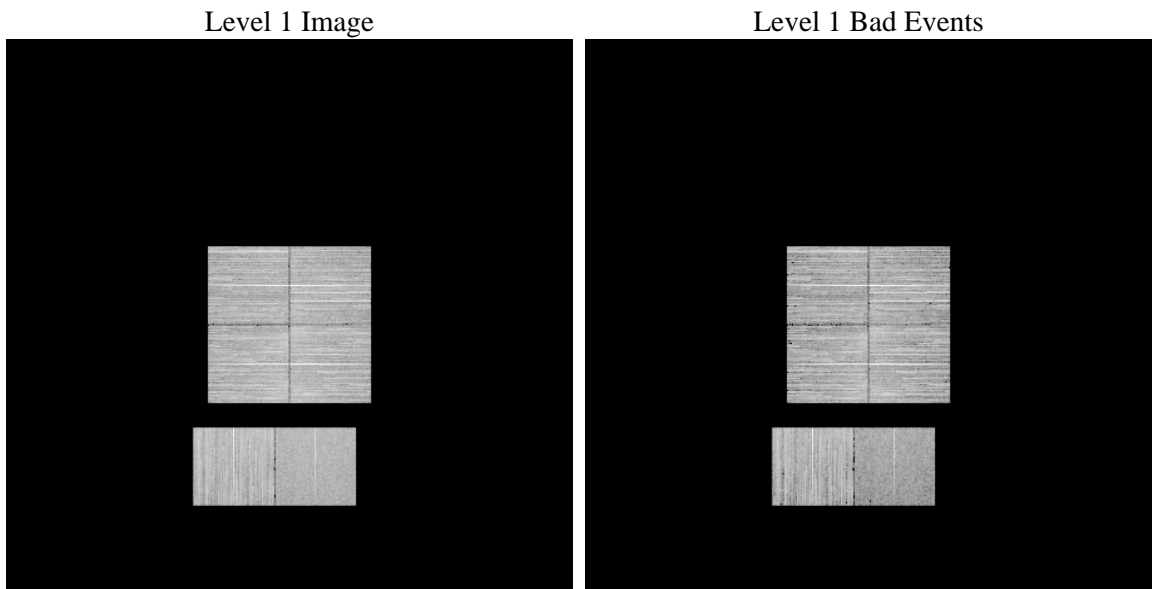
1 Front

seq_num	 	Sequence number
obs_id	53494	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	294.65424349882	Nominal RA [deg]
dec_nom	1.1215407552029	Nominal Dec [deg]
roll_nom	232.64652422618	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6572.799975574	Sum of GTIs [s]
livetime	6489.5712246183	Livetime [s]
ontime0	6572.799975574	Sum of GTIs [s]
ontime1	6572.799975574	Sum of GTIs [s]
ontime2	6572.799975574	Sum of GTIs [s]
ontime3	6572.799975574	Sum of GTIs [s]
ontime6	6572.799975574	Sum of GTIs [s]
ontime7	6572.799975574	Sum of GTIs [s]
l2events	158911	Number of level 2 events

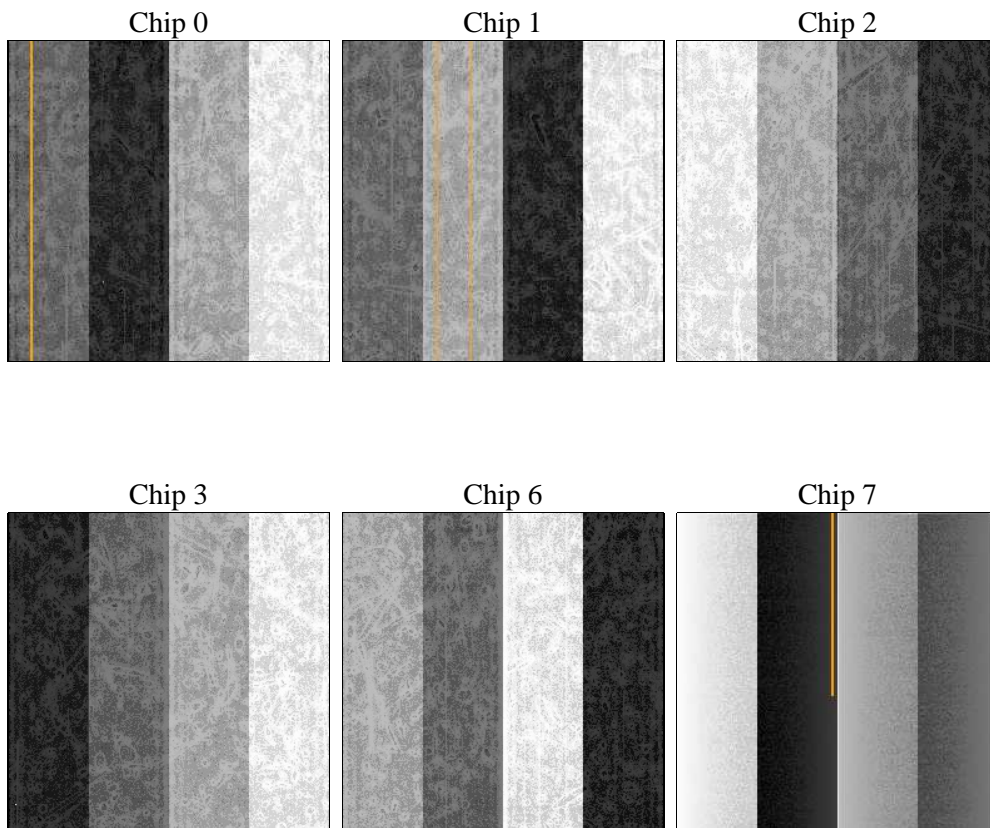
2 OBI

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	6572.799975574	Sum of GTIs [s]
caldsver	4.5.7	 	ontime0	6572.799975574	Sum of GTIs [s]
date	2013-08-09T00:06:56	Date and time of file creation	ontime1	6572.799975574	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	6572.799975574	Sum of GTIs [s]
			ontime3	6572.799975574	Sum of GTIs [s]
			ontime6	6572.799975574	Sum of GTIs [s]
			ontime7	6572.799975574	Sum of GTIs [s]
			l1events	720324	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	116392	119809	126647	129842	127316	100318	grade 0 events	12478	11593	13018	13190	11725	6211
rejected events	92155	95118	101997	104792	101654	56352		10%	9%	10%	10%	9%	6%
rejected %	79%	79%	80%	80%	79%	56%	grade 1 events	59	48	66	63	47	65
								0%	0%	0%	0%	0%	0%
							grade 2 events	5511	6377	5297	5416	7014	11663
								4%	5%	4%	4%	5%	11%
							grade 3 events	1615	1556	1698	1708	1583	3484
								1%	1%	1%	1%	1%	3%
							grade 4 events	1576	1556	1706	1721	1545	3435
								1%	1%	1%	1%	1%	3%
							grade 5 events	2152	2226	2006	2451	2128	5428
								1%	1%	1%	1%	1%	5%
							grade 6 events	4137	4573	3861	4017	4815	20925
								3%	3%	3%	3%	3%	20%
							grade 7 events	88864	91880	98995	101276	98459	49107
								76%	76%	78%	77%	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	OVERRIDE	OVERRIDE
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	294.6542434988164	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	1.121540755202871	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	232.6465242261782	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
SIM translation stage pos (mm)	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	492357018.506544	492357018.506544			
Observation start date	2013-08-08T13:50:19	2013-08-08T13:50:18			
[s] Observation end time (MET)	492366565.330195	492366565.330195			
Observation end date	2013-08-08T16:29:25	2013-08-08T16:29:25			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.08.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.572799975574

A.2 Comments