

V&V Reference Report

L2 ASCDS Version : 10.2.2

Observation 52775 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 14 2014

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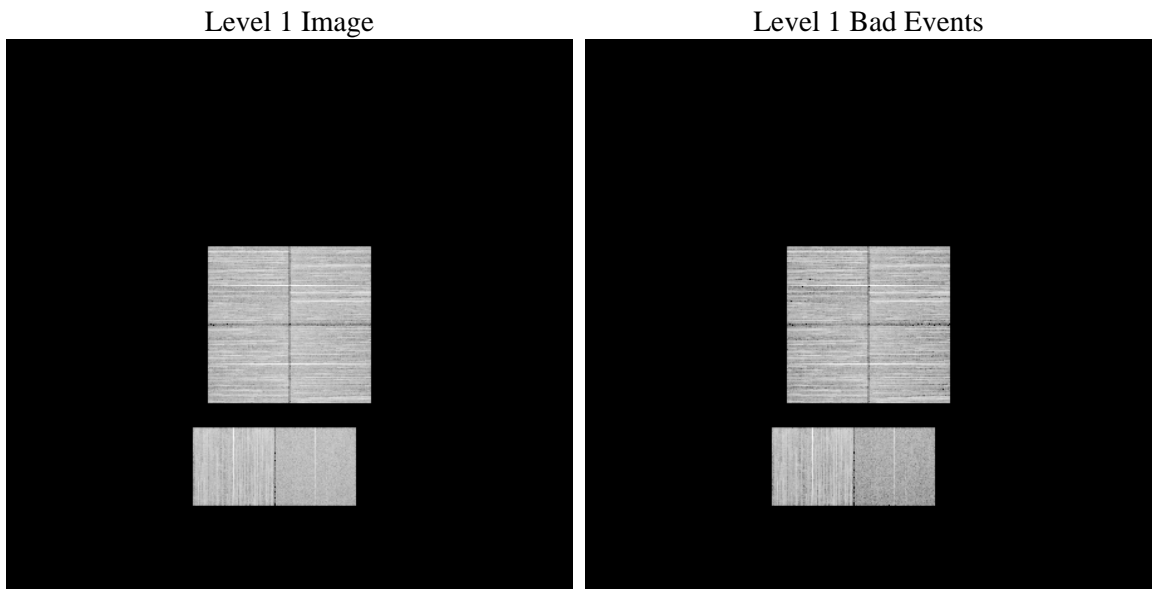
1 Front

seq_num	 	Sequence number
obs_id	52775	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	223.99976183423	Nominal RA [deg]
dec_nom	5.985828136759	Nominal Dec [deg]
roll_nom	193.99309132317	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8150.2633032203	Sum of GTIs [s]
livetime	8047.0597617755	Livetime [s]
ontime0	8150.222263217	Sum of GTIs [s]
ontime1	8150.1812232137	Sum of GTIs [s]
ontime2	8150.1401832104	Sum of GTIs [s]
ontime3	8150.3043432236	Sum of GTIs [s]
ontime6	8150.0991432071	Sum of GTIs [s]
ontime7	8150.2633032203	Sum of GTIs [s]
l2events	174383	Number of level 2 events

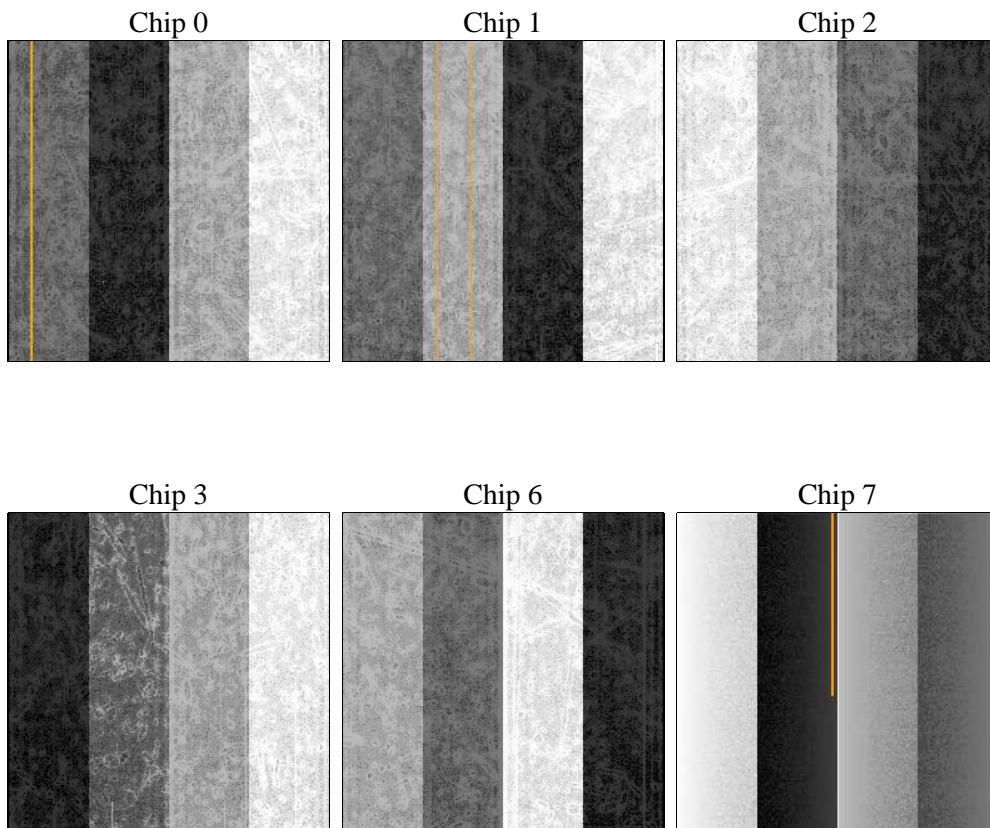
2 OBI

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	8150.2633032203	Sum of GTIs [s]
caldsver	4.6.1	 	ontime0	8150.222263217	Sum of GTIs [s]
date	2014-05-14T05:48:32	Date and time of file creation	ontime1	8150.1812232137	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8150.1401832104	Sum of GTIs [s]
			ontime3	8150.3043432236	Sum of GTIs [s]
			ontime6	8150.0991432071	Sum of GTIs [s]
			ontime7	8150.2633032203	Sum of GTIs [s]
			l1events	845908	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	141044	150567	141658	142603	151613	118423	grade 0 events	13324	12884	13473	13277	13278	6979
rejected events	114588	124006	115439	116438	124226	66041		9%	8%	9%	9%	8%	5%
rejected %	81%	82%	81%	81%	81%	55%	grade 1 events	81	70	66	81	62	84
								0%	0%	0%	0%	0%	0%
							grade 2 events	5295	5617	5098	5030	5712	12840
								3%	3%	3%	3%	3%	10%
							grade 3 events	1786	1730	1744	1839	1807	4261
								1%	1%	1%	1%	1%	3%
							grade 4 events	1749	1894	1794	1945	1806	4240
								1%	1%	1%	1%	1%	3%
							grade 5 events	2742	2834	2602	3057	3015	7194
								1%	1%	1%	2%	1%	6%
							grade 6 events	4302	4436	4110	4074	4784	24062
								3%	2%	2%	2%	3%	20%
							grade 7 events	111765	121102	112771	113300	121149	58763
								79%	80%	79%	79%	79%	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	223.9997618342297	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	5.985828136759033	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	193.9930913231717	[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)	516379048.975064	516379047.95006			
Observation start date	2014-05-13T14:37:29	2014-05-13T14:37:27			
[s] Observation end time (MET)	516391326.425741	516391325.40074			
Observation end date	2014-05-13T18:02:06	2014-05-13T18:02:05			
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)	2014.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1502633032203

A.2 Comments