

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51663 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 30 2015

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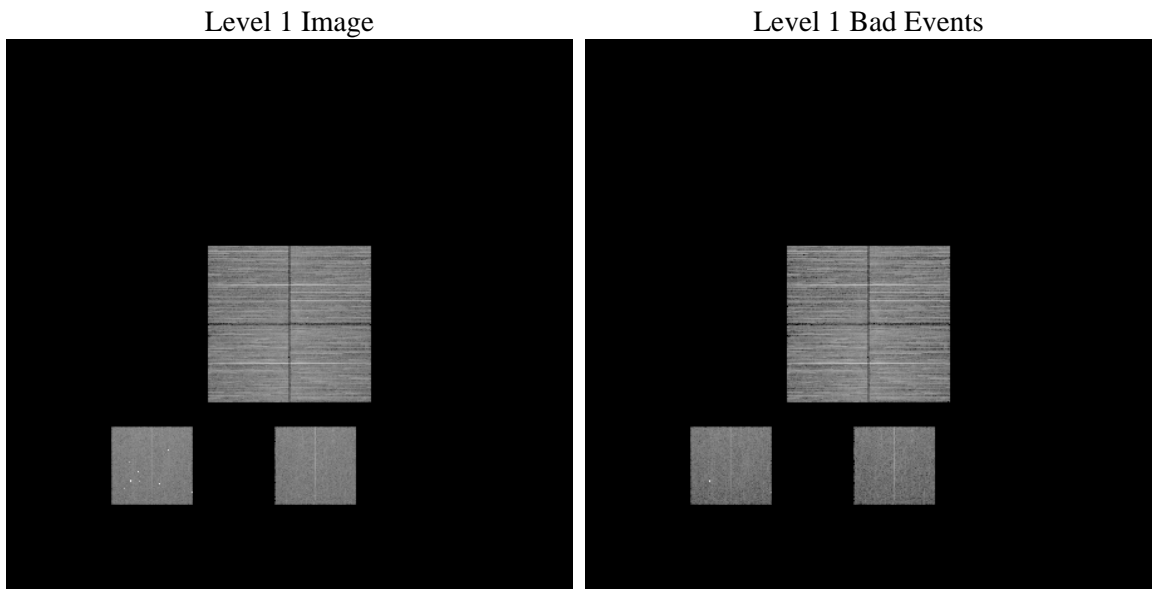
1 Front

seq_num	 	Sequence number
obs_id	51663	Observation id
title	ACIS-012357 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	339.37385889679	Nominal RA [deg]
dec_nom	14.786195337726	Nominal Dec [deg]
roll_nom	175.87027166303	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8396.3940745592	Sum of GTIs [s]
livetime	8290.0738770856	Livetime [s]
ontime0	8396.3530344963	Sum of GTIs [s]
ontime1	8396.3119945526	Sum of GTIs [s]
ontime2	8396.2709544897	Sum of GTIs [s]
ontime3	8396.4351145029	Sum of GTIs [s]
ontime5	8396.229914546	Sum of GTIs [s]
ontime7	8396.3940745592	Sum of GTIs [s]
l2events	179717	Number of level 2 events

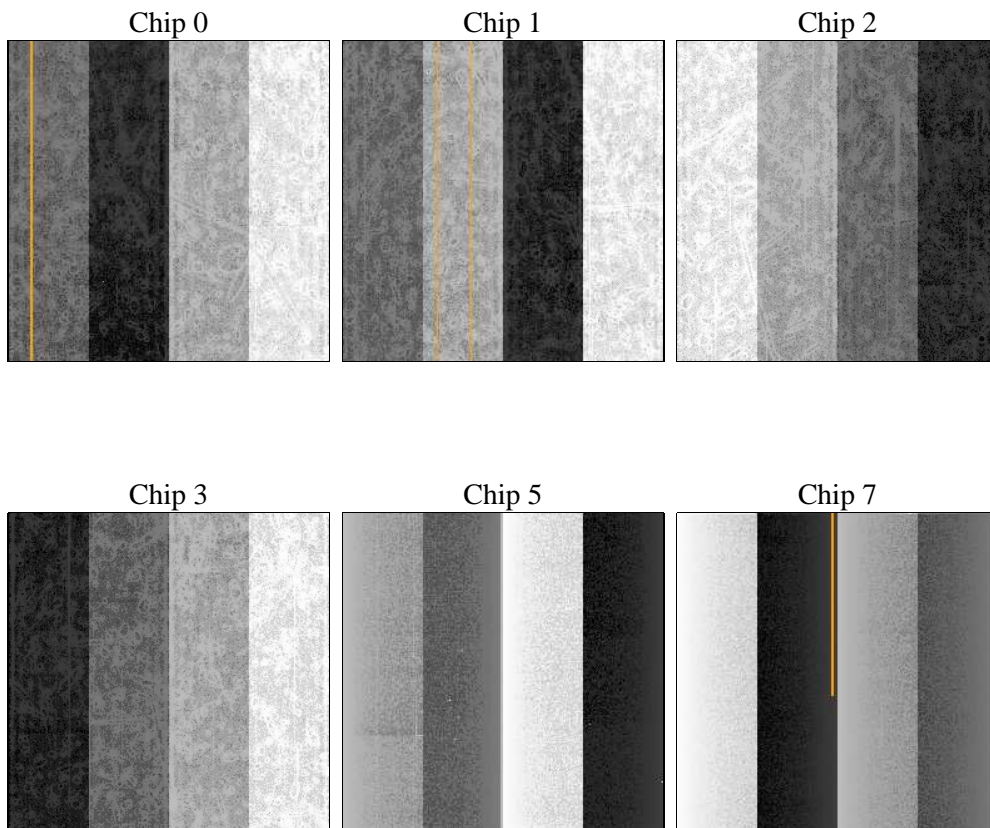
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.4.1	Processing system revision	ontime	8396.3940745592	Sum of GTIs [s]
caldsver	4.6.8	 	ontime0	8396.3530344963	Sum of GTIs [s]
date	2015-08-30T19:21:48	Date and time of file creation	ontime1	8396.3119945526	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8396.2709544897	Sum of GTIs [s]
			ontime3	8396.4351145029	Sum of GTIs [s]
			ontime5	8396.229914546	Sum of GTIs [s]
			ontime7	8396.3940745592	Sum of GTIs [s]
			l1events	893599	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	144602	159907	163829	160102	142427	122732	grade 0 events	10285	9724	10832	10739	12571	5602
rejected events	122961	138246	142147	138443	79346	73435		7%	6%	6%	6%	8%	4%
rejected %	85%	86%	86%	86%	55%	59%	grade 1 events	61	52	65	68	231	126
								0%	0%	0%	0%	0%	0%
							grade 2 events	4773	5210	4495	4506	20123	12241
								3%	3%	2%	2%	14%	9%
							grade 3 events	1532	1422	1511	1538	1749	3674
								1%	0%	0%	0%	1%	2%
							grade 4 events	1534	1461	1498	1553	1854	3618
								1%	0%	0%	0%	1%	2%
							grade 5 events	2904	2971	2935	3337	5962	7571
								2%	1%	1%	2%	4%	6%
							grade 6 events	3640	3971	3462	3447	27161	24414
								2%	2%	2%	2%	19%	19%
							grade 7 events	119873	135096	139031	134914	72776	65486
								82%	84%	84%	84%	51%	53%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	339.3738588967886	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	14.78619533772635	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	175.870271663034	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	557287455.207476	557287454.18248			
Observation start date	2015-08-30T02:04:15	2015-08-30T02:04:14			
[s] Observation end time (MET)	557297635.50805	557297634.48305			
Observation end date	2015-08-30T04:53:56	2015-08-30T04:53:54			
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)	2015.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3963940745592

A.2 Comments