

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51667 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 27 2015

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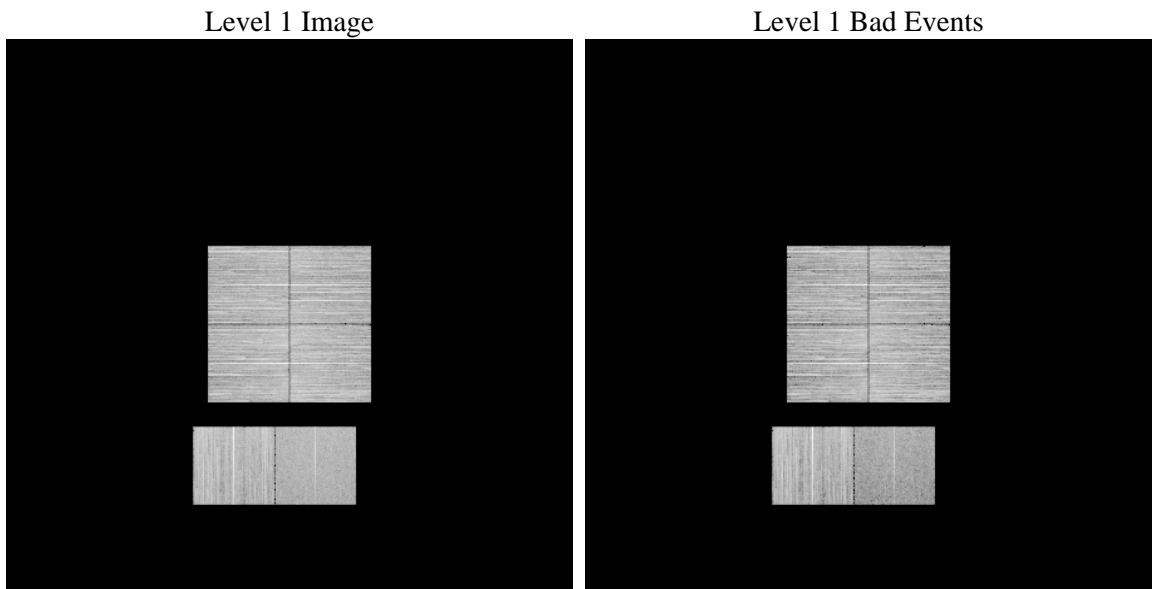
1 Front

seq_num	 	Sequence number
obs_id	51667	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	345.53846659345	Nominal RA [deg]
dec_nom	-32.625722534502	Nominal Dec [deg]
roll_nom	24.509113204694	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8460.8001260757	Sum of GTIs [s]
livetime	8353.6643803972	Livetime [s]
ontime0	8460.8001260757	Sum of GTIs [s]
ontime1	8460.8001260757	Sum of GTIs [s]
ontime2	8460.8001260757	Sum of GTIs [s]
ontime3	8460.8001260757	Sum of GTIs [s]
ontime6	8460.8001260757	Sum of GTIs [s]
ontime7	8460.8001260757	Sum of GTIs [s]
l2events	146053	Number of level 2 events

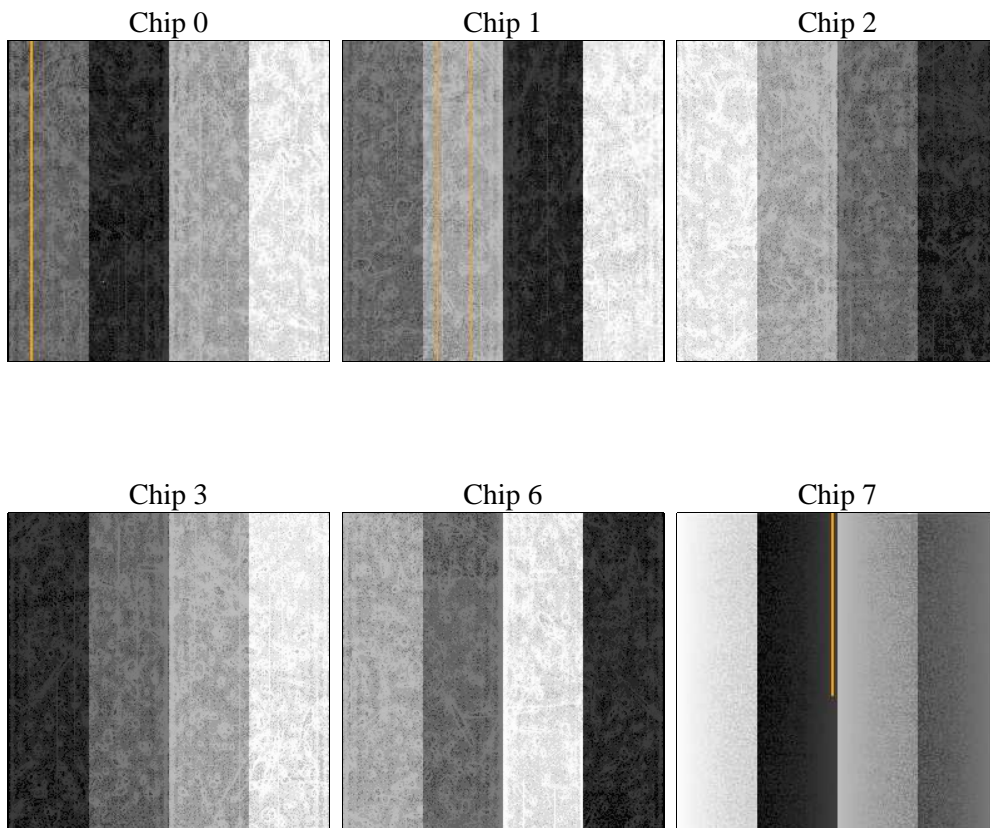
2 OBI

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	8460.8001260757	Sum of GTIs [s]
caldsver	4.6.8	 	ontime0	8460.8001260757	Sum of GTIs [s]
date	2015-08-28T03:26:26	Date and time of file creation	ontime1	8460.8001260757	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8460.8001260757	Sum of GTIs [s]
			ontime3	8460.8001260757	Sum of GTIs [s]
			ontime6	8460.8001260757	Sum of GTIs [s]
			ontime7	8460.8001260757	Sum of GTIs [s]
			l1events	872521	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	147067	144230	151437	156958	155352	117477	grade 0 events	10117	9680	10639	10663	10090	5396
rejected events	125635	122786	130063	135440	133126	70264		6%	6%	7%	6%	6%	4%
rejected %	85%	85%	85%	86%	85%	59%	grade 1 events	54	43	68	67	44	105
								0%	0%	0%	0%	0%	0%
							grade 2 events	4668	5057	4405	4440	5240	11776
								3%	3%	2%	2%	3%	10%
							grade 3 events	1481	1462	1523	1505	1338	3478
								1%	1%	1%	0%	0%	2%
							grade 4 events	1541	1429	1496	1472	1413	3281
								1%	0%	0%	0%	0%	2%
							grade 5 events	2854	2663	2708	3151	2991	7364
								1%	1%	1%	2%	1%	6%
							grade 6 events	3628	3824	3317	3451	4151	23297
								2%	2%	2%	2%	2%	19%
							grade 7 events	122724	120072	127281	132209	130085	62780
								83%	83%	84%	84%	83%	53%

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	345.5384665934465	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-32.62572253450224	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	24.50911320469397	[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)	557061372.994729	557061371.96973			
Observation start date	2015-08-27T11:16:13	2015-08-27T11:16:11			
[s] Observation end time (MET)	557071553.295303	557071552.2703			
Observation end date	2015-08-27T14:05:53	2015-08-27T14:05:52			
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)	2015.08.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4608001260757

A.2 Comments