

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51721 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 27 2015

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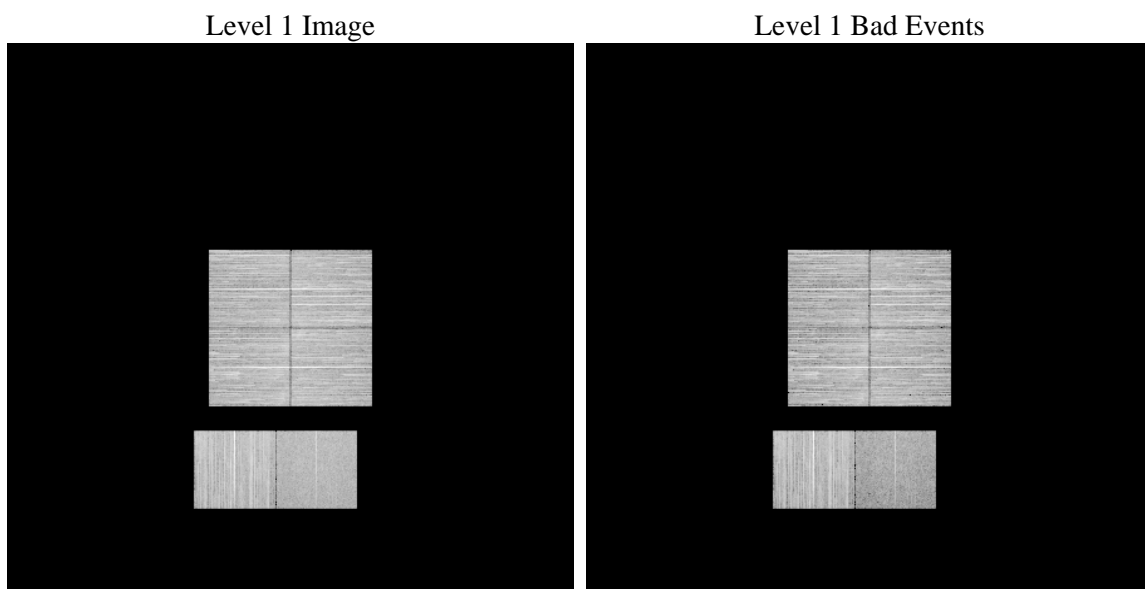
1 Front

seq_num	 	Sequence number
obs_id	51721	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	179.9934494835	Nominal RA [deg]
dec_nom	4.4734509028706	Nominal Dec [deg]
roll_nom	249.45414987556	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8444.8001258373	Sum of GTIs [s]
livetime	8337.8669817958	Livetime [s]
ontime0	8444.8001258373	Sum of GTIs [s]
ontime1	8444.8001258373	Sum of GTIs [s]
ontime2	8444.8001258373	Sum of GTIs [s]
ontime3	8444.8001258373	Sum of GTIs [s]
ontime6	8444.8001258373	Sum of GTIs [s]
ontime7	8444.8001258373	Sum of GTIs [s]
l2events	152223	Number of level 2 events

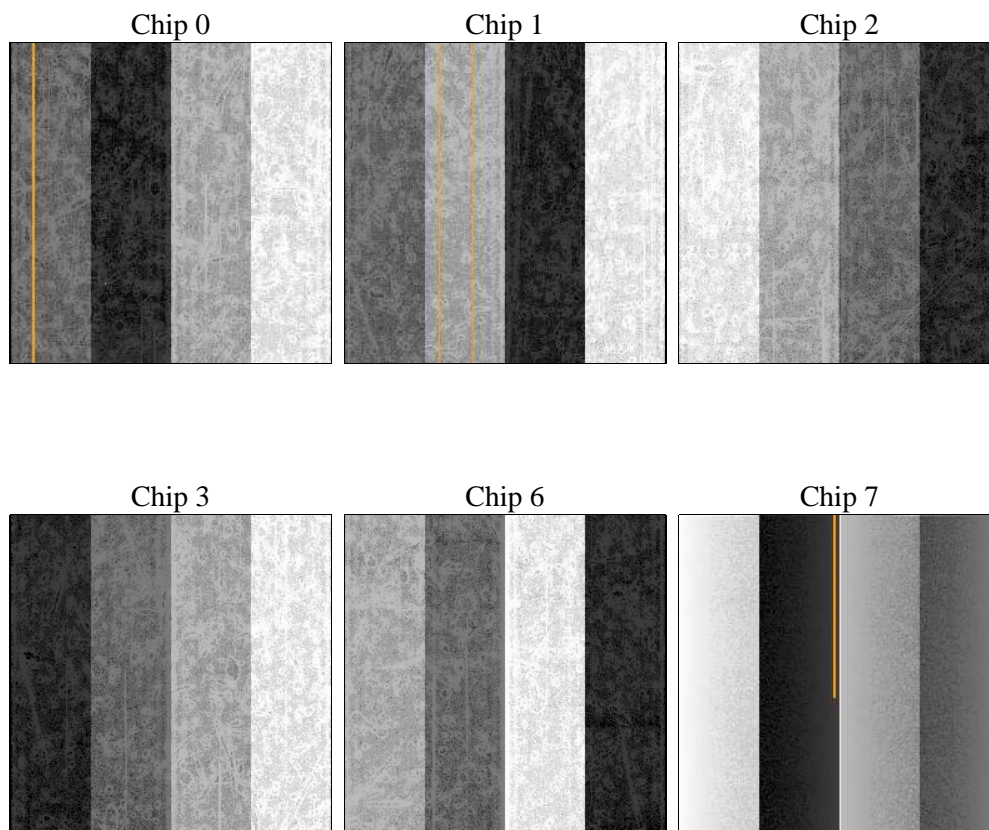
2 OBI

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	10.4.1	Processing system revision	ontime	8444.8001258373	Sum of GTIs [s]
caldsver	4.6.8	 	ontime0	8444.8001258373	Sum of GTIs [s]
date	2015-07-27T12:31:56	Date and time of file creation	ontime1	8444.8001258373	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8444.8001258373	Sum of GTIs [s]
			ontime3	8444.8001258373	Sum of GTIs [s]
			ontime6	8444.8001258373	Sum of GTIs [s]
			ontime7	8444.8001258373	Sum of GTIs [s]
			l1events	894890	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	146506	158327	152678	148598	168457	120324	grade 0 events	10757	10333	11065	10869	11015	6103
rejected events	124296	135822	130489	126730	145198	70365		7%	6%	7%	7%	6%	5%
rejected %	84%	85%	85%	85%	86%	58%	grade 1 events	60	53	70	68	58	110
								0%	0%	0%	0%	0%	0%
							grade 2 events	4624	5052	4469	4362	4951	12208
								3%	3%	2%	2%	2%	10%
							grade 3 events	1603	1547	1585	1638	1593	3956
								1%	0%	1%	1%	0%	3%
							grade 4 events	1607	1582	1590	1511	1542	3898
								1%	0%	1%	1%	0%	3%
							grade 5 events	2853	3046	2849	3195	3209	7798
								1%	1%	1%	2%	1%	6%
							grade 6 events	3621	4000	3487	3499	4165	23814
								2%	2%	2%	2%	2%	19%
							grade 7 events	121381	132714	127563	123456	141924	62437
								82%	83%	83%	83%	84%	51%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	179.9934494835022
[deg] Pointing Dec	0	4.473450902870589
[deg] Pointing Roll	0.0	249.4541498755581
[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)	554316633.9900579	554316632.96506
Observation start date	2015-07-26T16:50:34	2015-07-26T16:50:32
[s] Observation end time (MET)	554330194.740821	554330193.71582
Observation end date	2015-07-26T20:36:35	2015-07-26T20:36:33
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.07.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4448001258373

A.2 Comments