

V&V Reference Report

L2 ASCDS Version : 10.4.2.1

Observation 51549 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 22 2015

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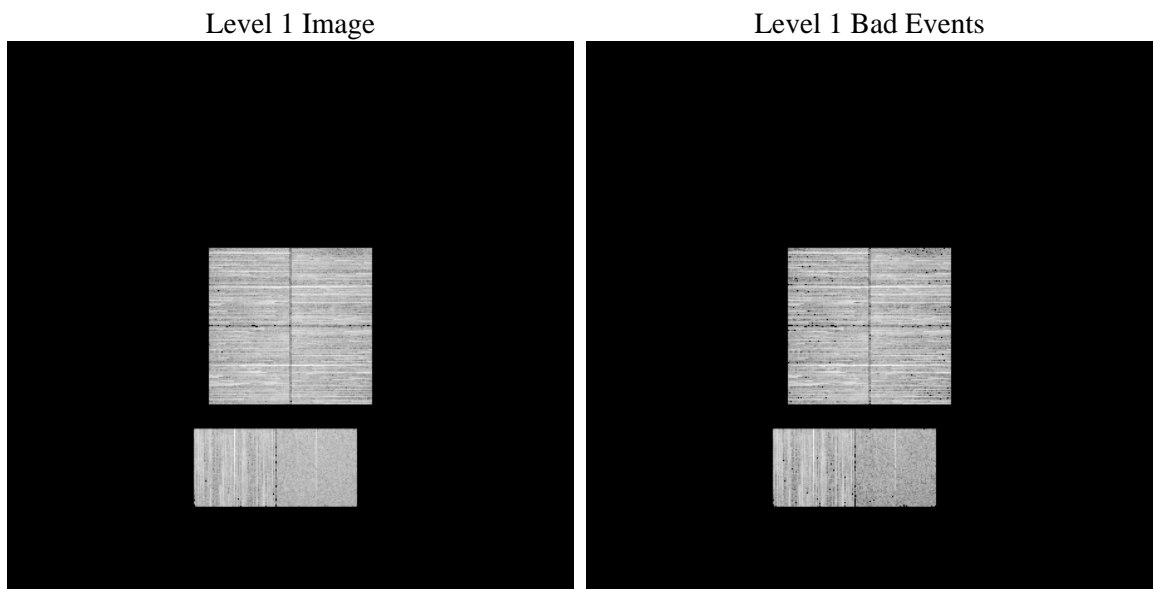
1 Front

seq_num	 	Sequence number
obs_id	51549	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	192.66093016236	Nominal RA [deg]
dec_nom	36.021915985916	Nominal Dec [deg]
roll_nom	17.739913531015	Nominal Roll [deg]
revision	1	Processing version of data
ontime	4681.6000697613	Sum of GTIs [s]
livetime	4622.3188307568	Livetime [s]
ontime0	4571.404709816	Sum of GTIs [s]
ontime1	4587.6099097729	Sum of GTIs [s]
ontime2	4574.6457290649	Sum of GTIs [s]
ontime3	4568.163669467	Sum of GTIs [s]
ontime6	4584.368804574	Sum of GTIs [s]
ontime7	4681.6000697613	Sum of GTIs [s]
l2events	80119	Number of level 2 events

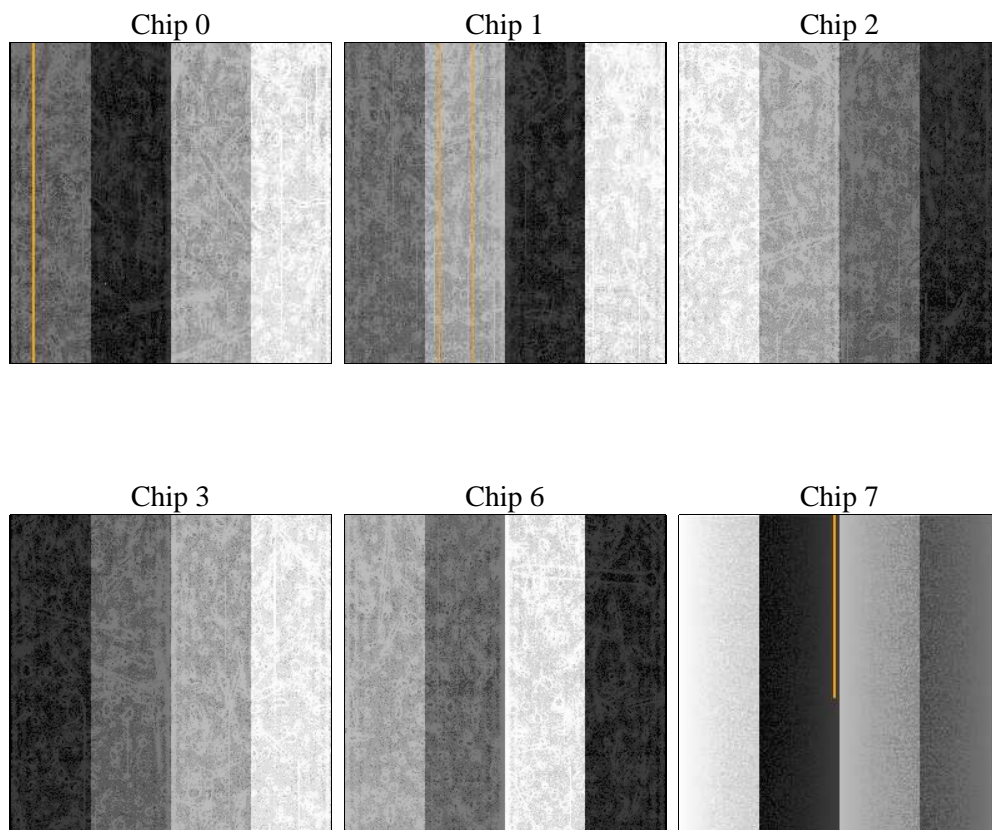
2 OBI

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	10.4.2.1	Processing system revision	ontime	4681.6000697613	Sum of GTIs [s]
caldbver	4.6.10a	 	ontime0	4571.404709816	Sum of GTIs [s]
date	2015-10-22T19:11:44	Date and time of file creation	ontime1	4587.6099097729	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	4574.6457290649	Sum of GTIs [s]
			ontime3	4568.163669467	Sum of GTIs [s]
			ontime6	4584.368804574	Sum of GTIs [s]
			ontime7	4681.6000697613	Sum of GTIs [s]
			l1events	501991	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	82865	89062	90007	87277	85440	67340	grade 0 events	5675	5075	5588	5710	5539	3137
rejected events	71071	77588	78615	75718	73375	40251		6%	5%	6%	6%	6%	4%
rejected %	85%	87%	87%	86%	85%	59%	grade 1 events	25	30	29	35	25	58
								0%	0%	0%	0%	0%	0%
							grade 2 events	2623	2713	2409	2270	2720	6691
								3%	3%	2%	2%	3%	9%
							grade 3 events	772	756	808	803	803	1998
								0%	0%	0%	0%	0%	2%
							grade 4 events	816	829	843	848	758	1978
								0%	0%	0%	0%	0%	2%
							grade 5 events	1566	1575	1511	1798	1683	4137
								1%	1%	1%	2%	1%	6%
							grade 6 events	1908	2101	1744	1928	2245	13285
								2%	2%	1%	2%	2%	19%
							grade 7 events	69480	75983	77075	73885	71667	36056
								83%	85%	85%	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	192.6609301623589	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	36.02191598591648	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	17.73991353101502	[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)	561857064.104715	561857063.07971			
Observation start date	2015-10-21T23:24:24	2015-10-21T23:24:23			
[s] Observation end time (MET)	561863552.355082	561863551.33008			
Observation end date	2015-10-22T01:12:32	2015-10-22T01:12:31			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.6816000697613

A.2 Comments