

V&V Reference Report

L2 ASCDS Version : 10.4.2.1

Observation 51586 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 3 2015

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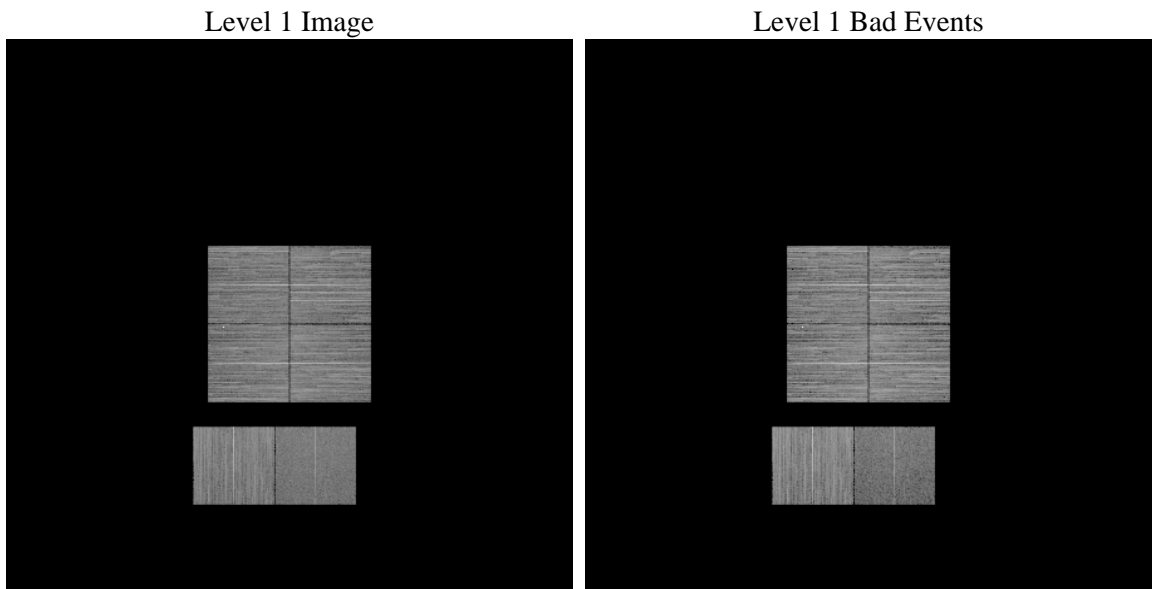
1 Front

seq_num	 	Sequence number
obs_id	51586	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	89.078624593163	Nominal RA [deg]
dec_nom	-34.363094136727	Nominal Dec [deg]
roll_nom	76.476384745192	Nominal Roll [deg]
revision	1	Processing version of data
ontime	7596.7111587524	Sum of GTIs [s]
livetime	7500.51702787	Livetime [s]
ontime0	7596.6701186895	Sum of GTIs [s]
ontime1	7593.3879983425	Sum of GTIs [s]
ontime2	7596.5880386829	Sum of GTIs [s]
ontime3	7596.7521986961	Sum of GTIs [s]
ontime6	7596.5469987392	Sum of GTIs [s]
ontime7	7596.7111587524	Sum of GTIs [s]
l2events	135333	Number of level 2 events

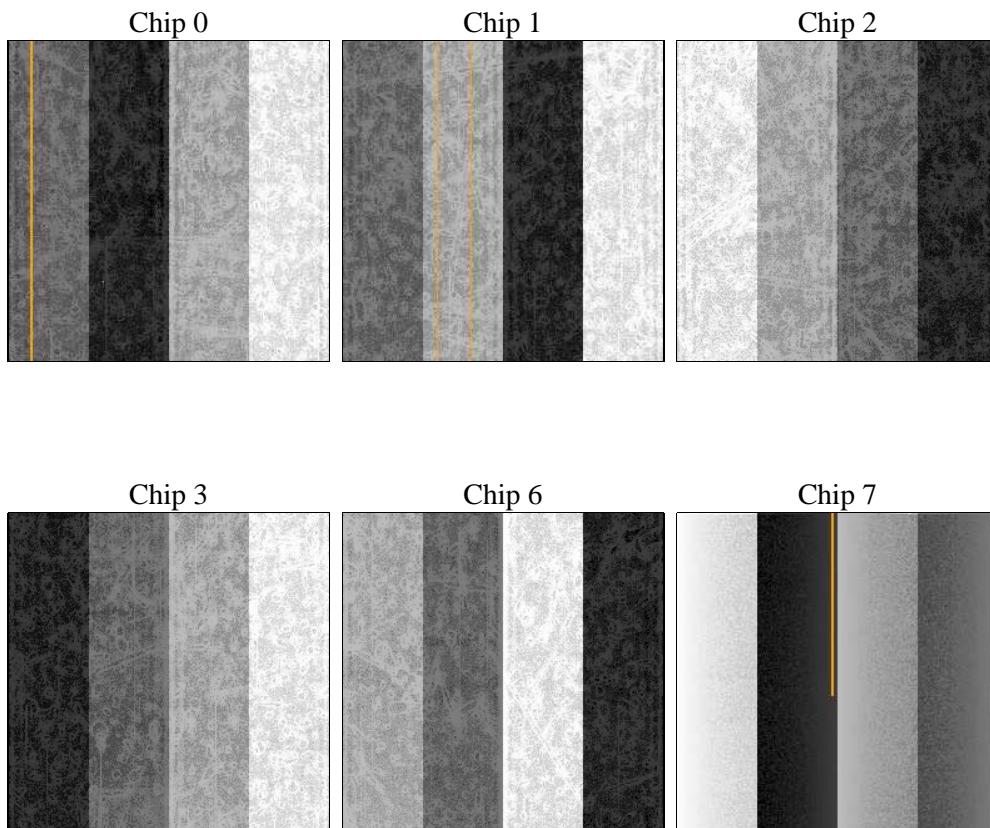
2 OBI

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	10.4.2.1	Processing system revision	ontime	7596.7111587524	Sum of GTIs [s]
caldsver	4.6.10a	 	ontime0	7596.6701186895	Sum of GTIs [s]
date	2015-10-03T06:53:34	Date and time of file creation	ontime1	7593.3879983425	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	7596.5880386829	Sum of GTIs [s]
			ontime3	7596.7521986961	Sum of GTIs [s]
			ontime6	7596.5469987392	Sum of GTIs [s]
			ontime7	7596.7111587524	Sum of GTIs [s]
			l1events	871495	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	144063	152337	152699	154672	154385	113339	grade 0 events	9193	8871	9765	9841	8845	5205
rejected events	124611	132126	132266	134675	134181	68690		6%	5%	6%	6%	5%	4%
rejected %	86%	86%	86%	87%	86%	60%	grade 1 events	50	51	1120	74	40	72
								0%	0%	0%	0%	0%	0%
							grade 2 events	4327	5266	5145	4206	5111	11308
								3%	3%	3%	2%	3%	9%
							grade 3 events	1399	1327	1373	1463	1245	3219
								0%	0%	0%	0%	0%	2%
							grade 4 events	1315	1273	1351	1447	1214	3200
								0%	0%	0%	0%	0%	2%
							grade 5 events	2560	2631	2463	2987	2758	6803
								1%	1%	1%	1%	1%	6%
							grade 6 events	3603	3854	3176	3401	4188	22464
								2%	2%	2%	2%	2%	19%
							grade 7 events	121616	129064	128306	131253	130984	61068
								84%	84%	84%	84%	84%	53%

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	89.07862459316297
[deg] Pointing Dec	0	-34.36309413672748
[deg] Pointing Roll	0.0	76.47638474519208
SIM focus pos (mm)	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	560215233.361837	560215233.361837
Observation start date	2015-10-02T23:20:33	2015-10-02T23:20:33
[s] Observation end time (MET)	560224027.2354341	560224027.2354341
Observation end date	2015-10-03T01:47:07	2015-10-03T01:47:07
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.10.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5967111587524

A.2 Comments