

V&V Reference Report

L2 ASCDS Version : 10.4.2.1

Observation 51541 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 27 2015

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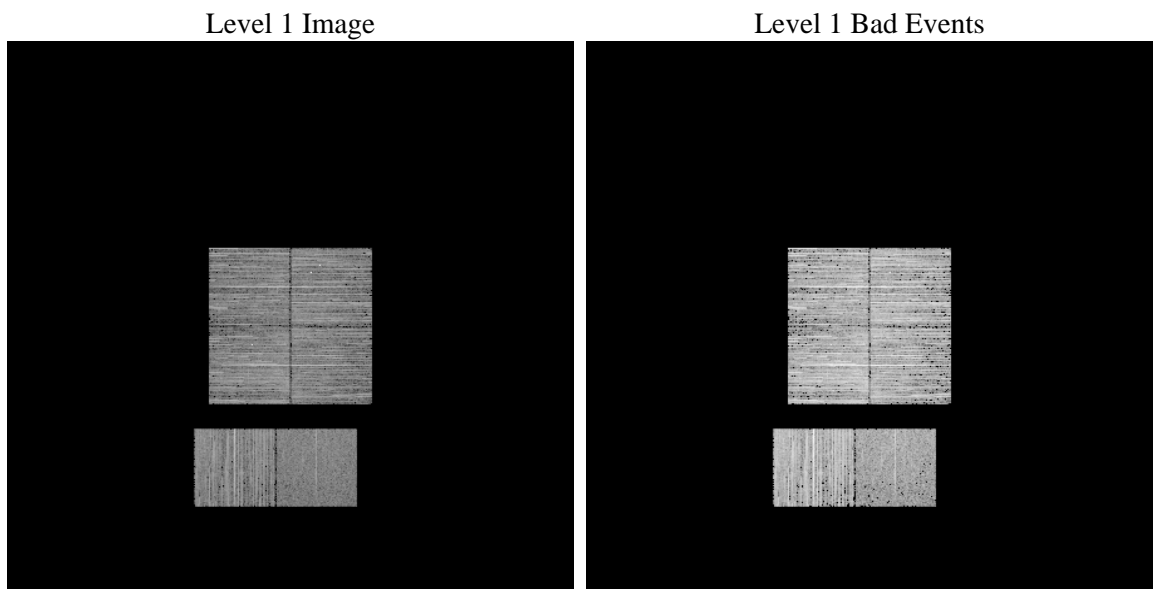
1 Front

seq_num	 	Sequence number
obs_id	51541	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	219.73239912522	Nominal RA [deg]
dec_nom	35.010637362409	Nominal Dec [deg]
roll_nom	348.19043033294	Nominal Roll [deg]
revision	1	Processing version of data
ontime	2976.0000443459	Sum of GTIs [s]
livetime	2938.3161398523	Livetime [s]
ontime0	2976.0000443459	Sum of GTIs [s]
ontime1	2976.0000443459	Sum of GTIs [s]
ontime2	2976.0000443459	Sum of GTIs [s]
ontime3	2976.0000443459	Sum of GTIs [s]
ontime6	2976.0000443459	Sum of GTIs [s]
ontime7	2976.0000443459	Sum of GTIs [s]
l2events	50889	Number of level 2 events

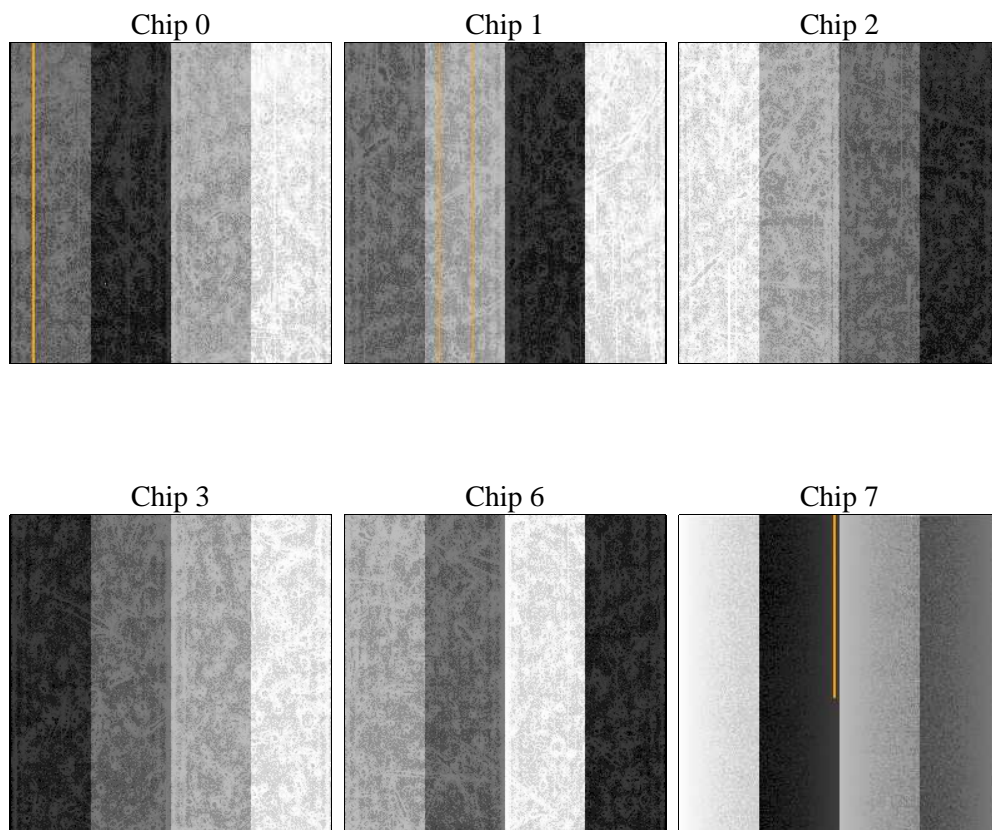
2 OBI

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	2976.0000443459	Sum of GTIs [s]
caldbver	4.6.10a	 	ontime0	2976.0000443459	Sum of GTIs [s]
date	2015-10-27T15:10:41	Date and time of file creation	ontime1	2976.0000443459	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	2976.0000443459	Sum of GTIs [s]
			ontime3	2976.0000443459	Sum of GTIs [s]
			ontime6	2976.0000443459	Sum of GTIs [s]
			ontime7	2976.0000443459	Sum of GTIs [s]
			l1events	357574	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	58613	64969	67559	57302	62636	46495	grade 0 events	3800	4467	4945	3912	3584	1977
rejected events	51121	55719	59219	49872	55072	29682		6%	6%	7%	6%	5%	4%
rejected %	87%	85%	87%	87%	87%	63%	grade 1 events	27	28	26	29	24	38
								0%	0%	0%	0%	0%	0%
							grade 2 events	1837	3080	1771	1758	2106	4605
								3%	4%	2%	3%	3%	9%
							grade 3 events	589	545	546	621	511	1312
								1%	0%	0%	1%	0%	2%
							grade 4 events	545	492	533	541	528	1311
								0%	0%	0%	0%	0%	2%
							grade 5 events	1059	1131	1087	1231	1093	2813
								1%	1%	1%	2%	1%	6%
							grade 6 events	1445	1522	1295	1331	1585	9182
								2%	2%	1%	2%	2%	19%
							grade 7 events	49311	53704	57356	47879	53205	25257
								84%	82%	84%	83%	84%	54%

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	219.7323991252233
[deg] Pointing Dec	0	35.01063736240879
[deg] Pointing Roll	0.0	348.1904303329408
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	562275844.278401	562275844.278401
Observation start date	2015-10-26T19:44:04	2015-10-26T19:44:04
[s] Observation end time (MET)	562280391.702238	562280391.702238
Observation end date	2015-10-26T20:59:52	2015-10-26T20:59:51
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)	2015.10.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.9760000443459

A.2 Comments