

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51179 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 17 2016

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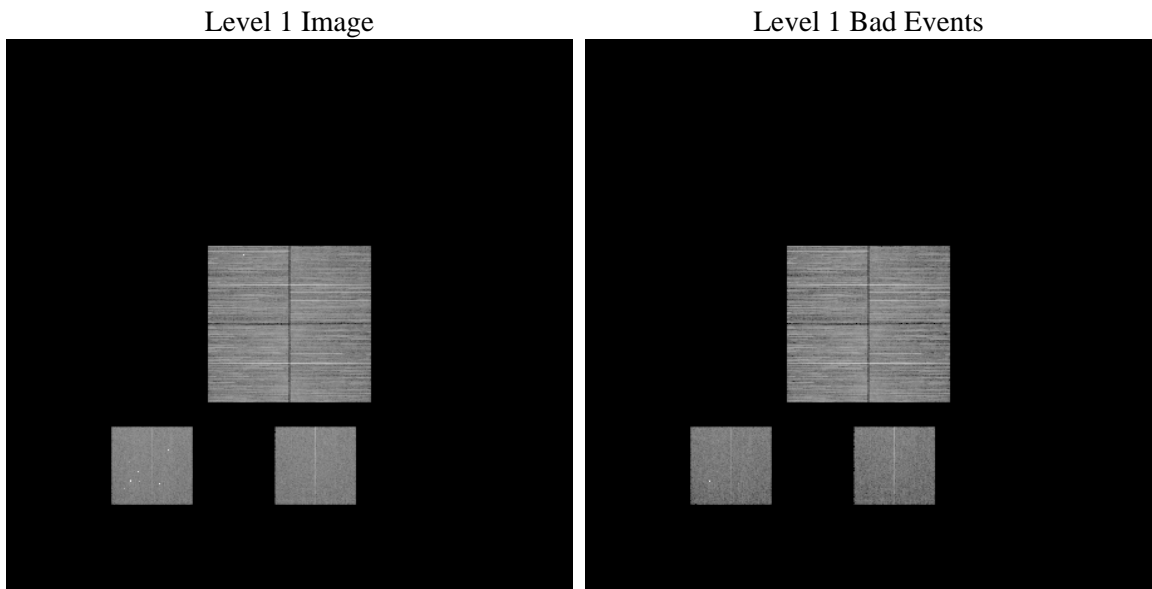
1 Front

seq_num	 	Sequence number
obs_id	51179	Observation id
title	ACIS-012357 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	155.27069785379	Nominal RA [deg]
dec_nom	-45.335840433987	Nominal Dec [deg]
roll_nom	329.66119065496	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8131.2001211643	Sum of GTIs [s]
livetime	8028.2379692092	Livetime [s]
ontime0	8131.2001211643	Sum of GTIs [s]
ontime1	8131.2001211643	Sum of GTIs [s]
ontime2	8131.2001211643	Sum of GTIs [s]
ontime3	8131.2001211643	Sum of GTIs [s]
ontime5	8131.2001211643	Sum of GTIs [s]
ontime7	8131.2001211643	Sum of GTIs [s]
l2events	172401	Number of level 2 events

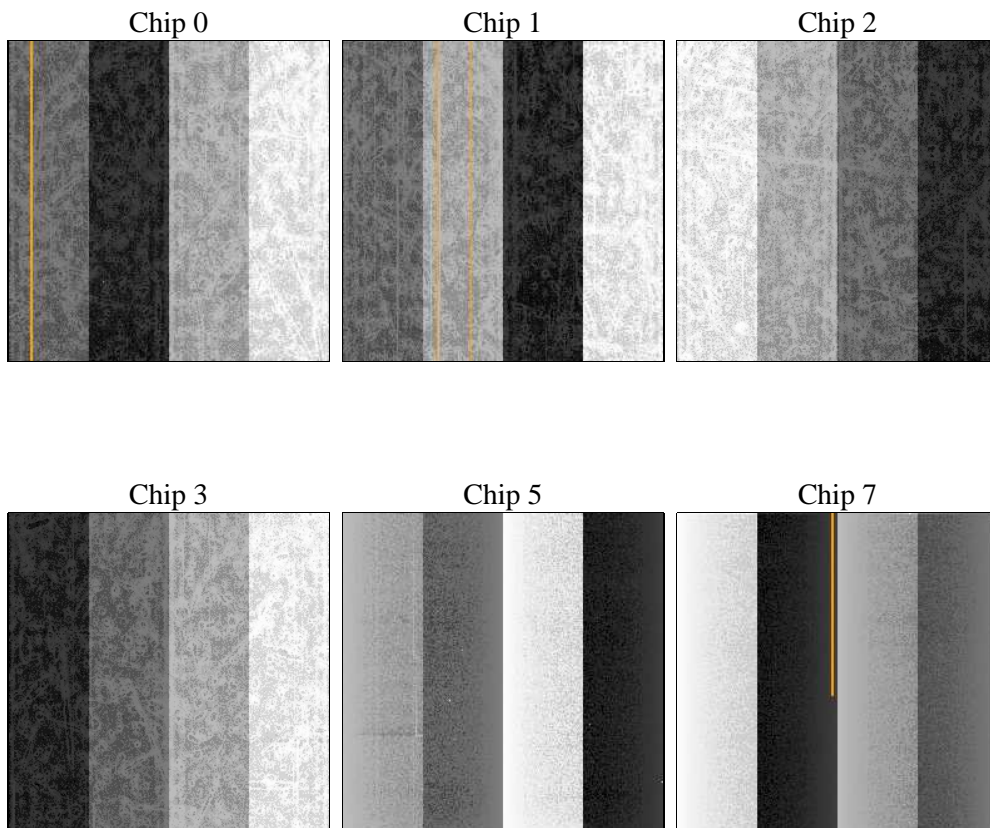
2 OBI

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	10.4.3.1	Processing system revision	ontime	8131.2001211643	Sum of GTIs [s]
caldsver	4.7.0	 	ontime0	8131.2001211643	Sum of GTIs [s]
date	2016-03-18T01:33:48	Date and time of file creation	ontime1	8131.2001211643	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8131.2001211643	Sum of GTIs [s]
			ontime3	8131.2001211643	Sum of GTIs [s]
			ontime5	8131.2001211643	Sum of GTIs [s]
			ontime7	8131.2001211643	Sum of GTIs [s]
			l1events	958729	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	168941	167258	184394	161811	145422	130903	grade 0 events	11784	8487	9328	9817	10423	5264
rejected events	146691	147461	165263	141778	84718	81457		6%	5%	5%	6%	7%	4%
rejected %	86%	88%	89%	87%	58%	62%	grade 1 events	62	54	62	89	189	114
								0%	0%	0%	0%	0%	0%
							grade 2 events	4587	5184	4219	4292	19884	12620
								2%	3%	2%	2%	13%	9%
							grade 3 events	1440	1278	1424	1449	1551	3412
								0%	0%	0%	0%	1%	2%
							grade 4 events	1319	1337	1428	1475	1579	3455
								0%	0%	0%	0%	1%	2%
							grade 5 events	3043	3104	2857	3485	6341	7975
								1%	1%	1%	2%	4%	6%
							grade 6 events	3458	3813	3048	3340	28207	25480
								2%	2%	1%	2%	19%	19%
							grade 7 events	143248	144001	162028	137864	77248	72583
								84%	86%	87%	85%	53%	55%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	155.2706978537903
[deg] Pointing Dec	0	-45.33584043398722
[deg] Pointing Roll	0.0	329.6611906549578
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)	574608784.31419	574608784.31419
Observation start date	2016-03-17T13:33:04	2016-03-17T13:33:04
[s] Observation end time (MET)	574618332.200575	574618332.200575
Observation end date	2016-03-17T16:12:12	2016-03-17T16:12:12
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.03.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1312001211643

A.2 Comments