

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51713 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 2 2015

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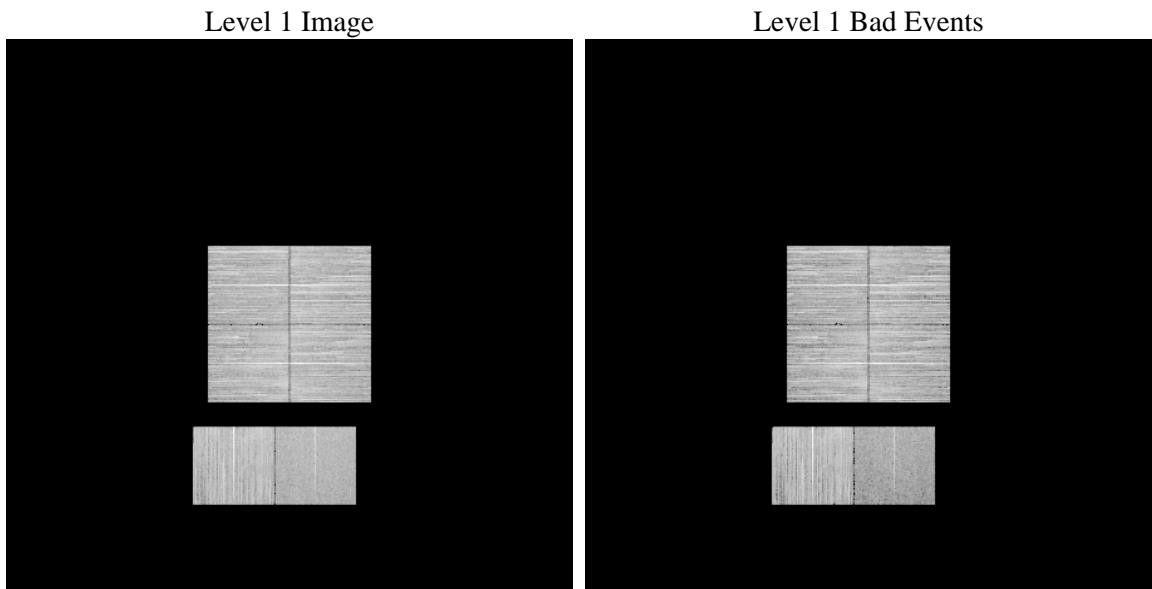
1 Front

seq_num	 	Sequence number
obs_id	51713	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	281.01496750685	Nominal RA [deg]
dec_nom	-19.025060394855	Nominal Dec [deg]
roll_nom	266.7122101898	Nominal Roll [deg]
revision	1	Processing version of data
ontime	7564.0937820673	Sum of GTIs [s]
livetime	7468.3126720483	Livetime [s]
ontime0	7564.0527420044	Sum of GTIs [s]
ontime1	7564.0117020607	Sum of GTIs [s]
ontime2	7560.7295917273	Sum of GTIs [s]
ontime3	7564.134822011	Sum of GTIs [s]
ontime6	7563.9296220541	Sum of GTIs [s]
ontime7	7564.0937820673	Sum of GTIs [s]
l2events	138969	Number of level 2 events

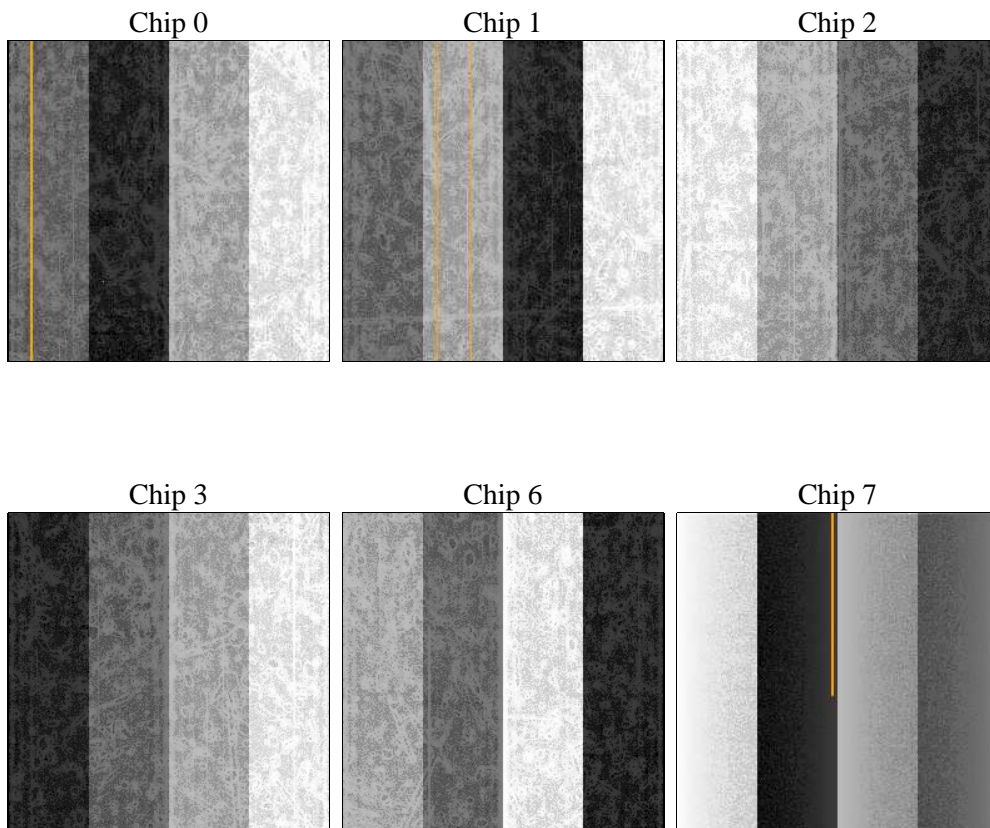
2 OBI

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	7564.0937820673	Sum of GTIs [s]
caldbver	4.6.8	 	ontime0	7564.0527420044	Sum of GTIs [s]
date	2015-08-02T14:22:53	Date and time of file creation	ontime1	7564.0117020607	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	7560.7295917273	Sum of GTIs [s]
			ontime3	7564.134822011	Sum of GTIs [s]
			ontime6	7563.9296220541	Sum of GTIs [s]
			ontime7	7564.0937820673	Sum of GTIs [s]
			l1events	831289	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	139375	149337	142286	142776	147631	109884	grade 0 events	9303	8664	9861	10016	8765	5216
rejected events	119096	128275	121789	121867	126778	65786		6%	5%	6%	7%	5%	4%
rejected %	85%	85%	85%	85%	85%	59%	grade 1 events	55	42	59	64	40	76
								0%	0%	0%	0%	0%	0%
							grade 2 events	4755	5805	4354	4559	5348	11121
								3%	3%	3%	3%	3%	10%
							grade 3 events	1334	1250	1435	1480	1268	3151
								0%	0%	1%	1%	0%	2%
							grade 4 events	1360	1276	1432	1442	1235	2958
								0%	0%	1%	1%	0%	2%
							grade 5 events	2554	2559	2394	2894	2572	6324
								1%	1%	1%	2%	1%	5%
							grade 6 events	3527	4067	3415	3412	4237	21652
								2%	2%	2%	2%	2%	19%
							grade 7 events	116487	125674	119336	118909	124166	59386
								83%	84%	83%	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	281.0149675068459
[deg] Pointing Dec	0	-19.0250603948549
[deg] Pointing Roll	0.0	266.7122101897995
[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)	554734928.31363	554734927.28863
Observation start date	2015-07-31T13:02:08	2015-07-31T13:02:07
[s] Observation end time (MET)	554760071.565046	554760070.54005
Observation end date	2015-07-31T20:01:12	2015-07-31T20:01:10
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.08.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5640937820673

A.2 Comments