

V&V Reference Report

L2 ASCDS Version : 10.4.3

Observation 51361 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 4 2016

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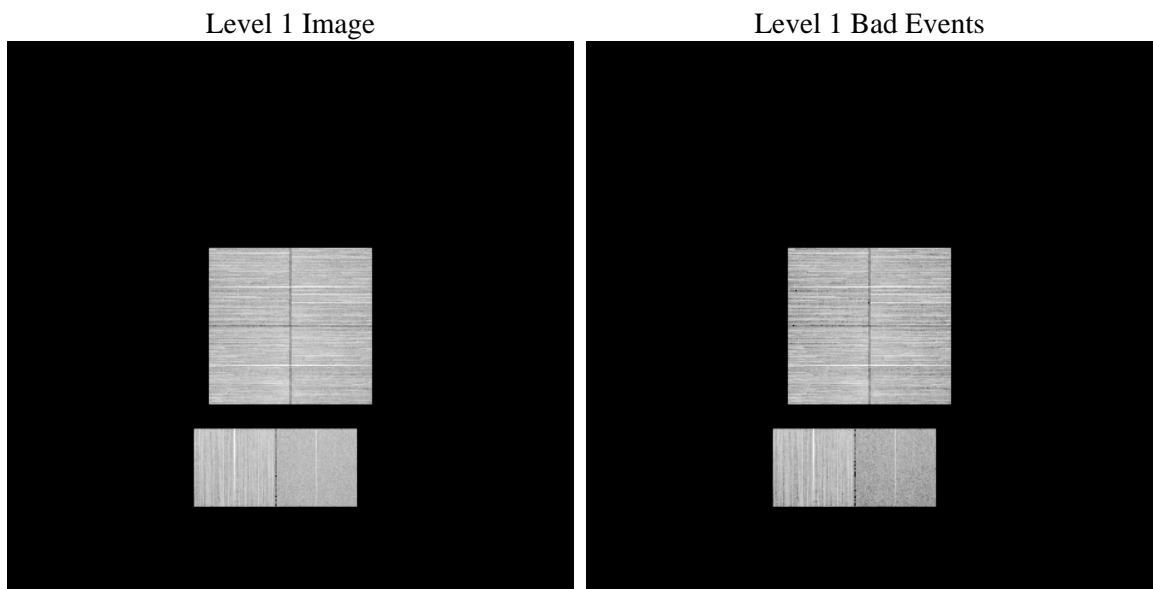
1 Front

seq_num	 	Sequence number
obs_id	51361	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	254.88763061821	Nominal RA [deg]
dec_nom	-71.990558696883	Nominal Dec [deg]
roll_nom	145.3788094078	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8252.8001229763	Sum of GTIs [s]
livetime	8148.2981985795	Livetime [s]
ontime0	8142.6047629118	Sum of GTIs [s]
ontime1	8145.8458029032	Sum of GTIs [s]
ontime2	8139.3637229204	Sum of GTIs [s]
ontime3	8145.8458029032	Sum of GTIs [s]
ontime6	8139.3637229204	Sum of GTIs [s]
ontime7	8252.8001229763	Sum of GTIs [s]
l2events	195591	Number of level 2 events

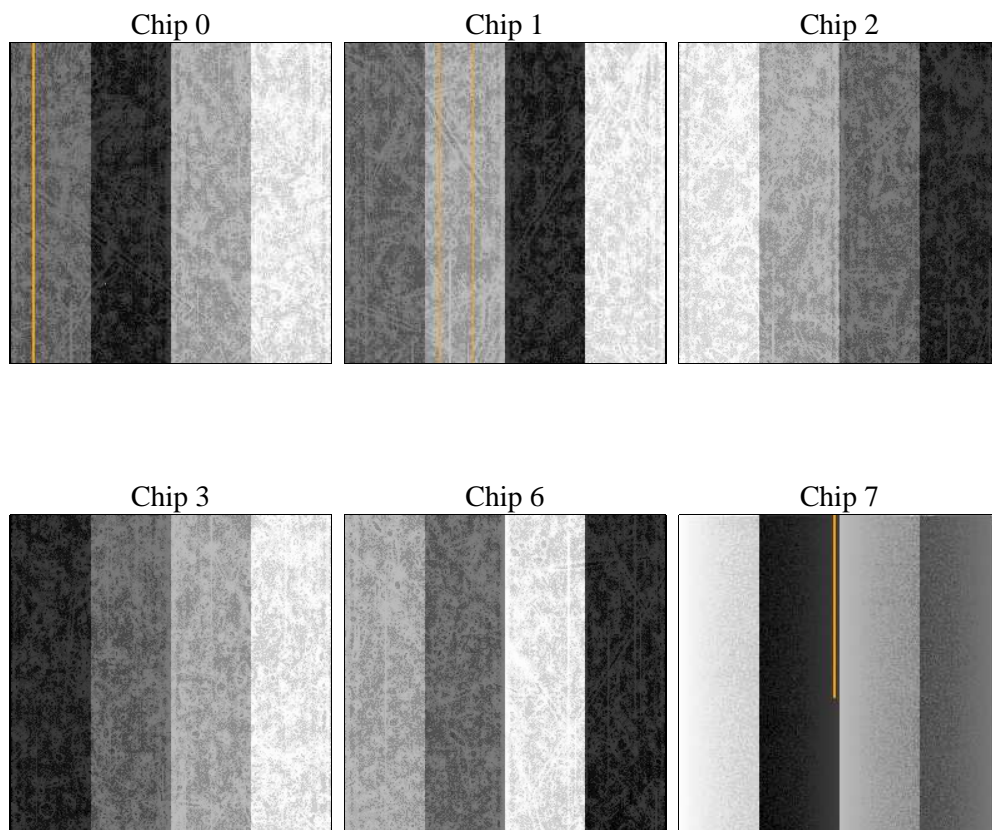
2 OBI

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	10.4.3	Processing system revision	ontime	8252.8001229763	Sum of GTIs [s]
caldsver	4.7.0	 	ontime0	8142.6047629118	Sum of GTIs [s]
date	2016-01-04T21:05:31	Date and time of file creation	ontime1	8145.8458029032	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8139.3637229204	Sum of GTIs [s]
			ontime3	8145.8458029032	Sum of GTIs [s]
			ontime6	8139.3637229204	Sum of GTIs [s]
			ontime7	8252.8001229763	Sum of GTIs [s]
			l1events	1025589	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	163601	176237	190316	177022	184125	134288	grade 0 events	12679	10682	13309	13679	10662	6545
rejected events	133296	146051	160780	146436	153209	78222		7%	6%	6%	7%	5%	4%
rejected %	81%	82%	84%	82%	83%	58%	grade 1 events	71	52	87	99	60	110
								0%	0%	0%	0%	0%	0%
							grade 2 events	8280	9792	7250	7457	10255	14474
								5%	5%	3%	4%	5%	10%
							grade 3 events	1742	1564	1816	1817	1514	3732
								1%	0%	0%	1%	0%	2%
							grade 4 events	1726	1625	1825	1977	1436	3464
								1%	0%	0%	1%	0%	2%
							grade 5 events	2838	2689	2778	3188	2820	7385
								1%	1%	1%	1%	1%	5%
							grade 6 events	5878	6523	5336	5656	7049	27851
								3%	3%	2%	3%	3%	20%
							grade 7 events	130387	143310	157915	143149	150329	70727
								79%	81%	82%	80%	81%	52%

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	254.8876306182109	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-71.99055869688347	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	145.3788094077978	[s] Primary exposure time	3.2	3.2
[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)	568255344.067238	568255343.04224			
Observation start date	2016-01-04T00:42:24	2016-01-04T00:42:23			
[s] Observation end time (MET)	568267896.2179511	568267895.19295			
Observation end date	2016-01-04T04:11:36	2016-01-04T04:11:35			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2528001229763

A.2 Comments