

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51702 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 6 2015

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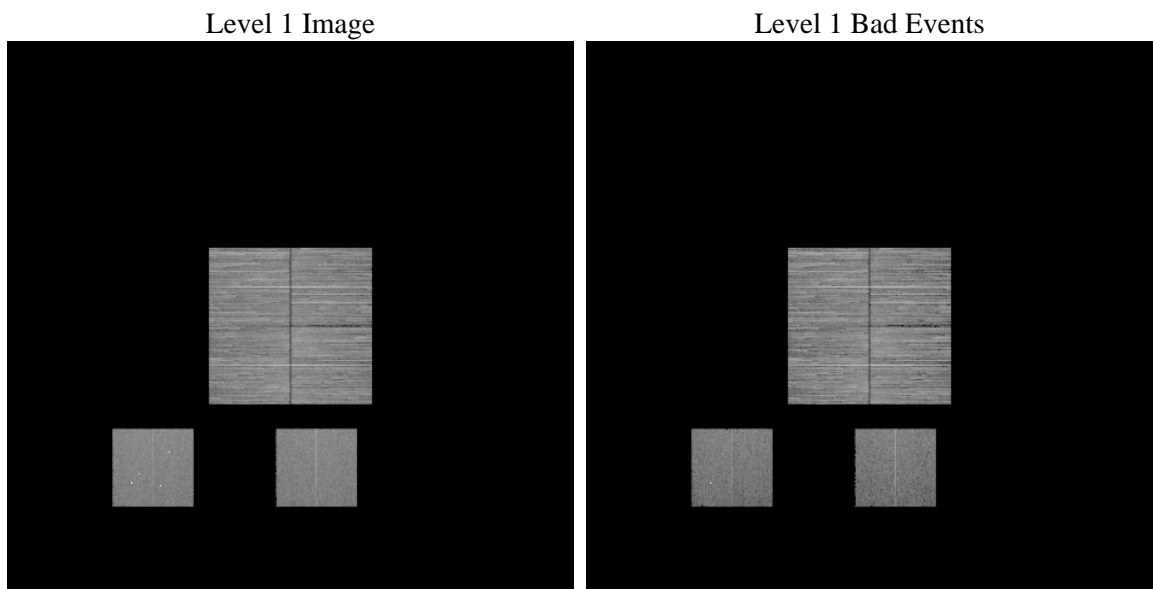
1 Front

seq_num	 	Sequence number
obs_id	51702	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	284.50471166873	Nominal RA [deg]
dec_nom	-5.0284523323107	Nominal Dec [deg]
roll_nom	246.48449383456	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8368.0001246929	Sum of GTIs [s]
livetime	8262.0394685093	Livetime [s]
ontime0	8368.0001246929	Sum of GTIs [s]
ontime1	8368.0001246929	Sum of GTIs [s]
ontime2	8368.0001246929	Sum of GTIs [s]
ontime3	8368.0001246929	Sum of GTIs [s]
ontime5	8368.0001246929	Sum of GTIs [s]
ontime7	8368.0001246929	Sum of GTIs [s]
l2events	181464	Number of level 2 events

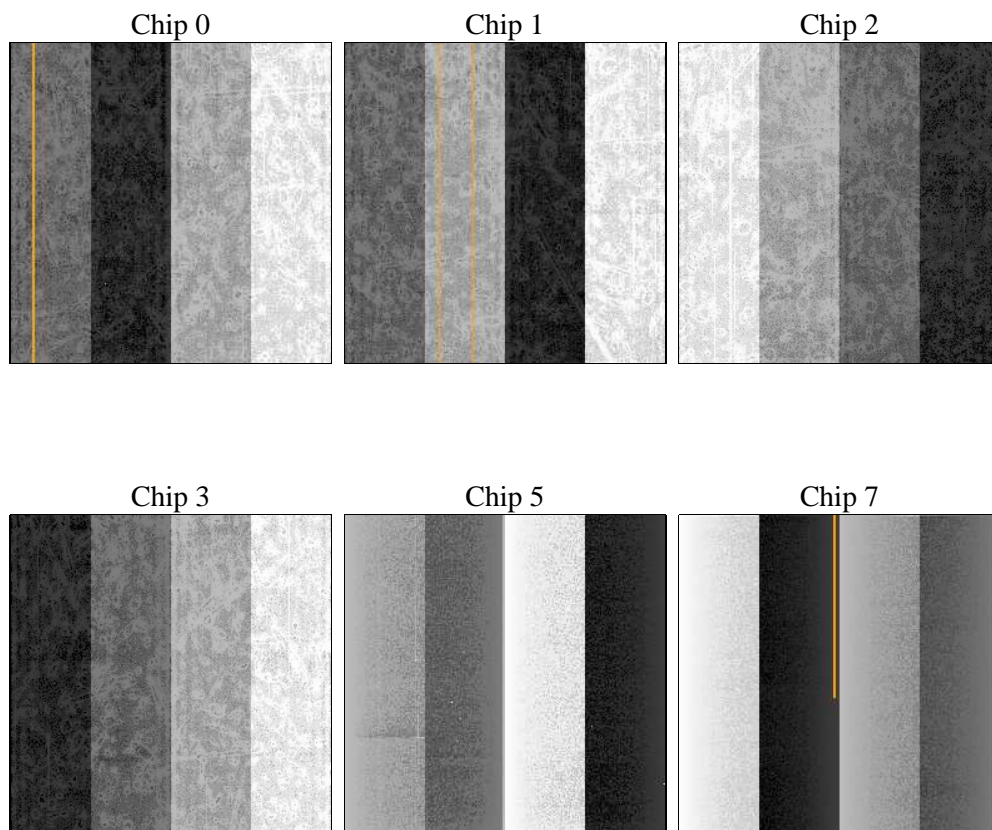
2 OBI

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	8368.0001246929	Sum of GTIs [s]
caldsver	4.6.8	 	ontime0	8368.0001246929	Sum of GTIs [s]
date	2015-08-06T15:40:20	Date and time of file creation	ontime1	8368.0001246929	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8368.0001246929	Sum of GTIs [s]
			ontime3	8368.0001246929	Sum of GTIs [s]
			ontime5	8368.0001246929	Sum of GTIs [s]
			ontime7	8368.0001246929	Sum of GTIs [s]
			l1events	905959	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	167824	154671	157827	163829	137797	124011	grade 0 events	10676	11036	11110	10886	9292	5971
rejected events	145798	131652	135846	142178	78910	74120		6%	7%	7%	6%	6%	4%
rejected %	86%	85%	86%	86%	57%	59%	grade 1 events	51	54	56	66	140	95
								0%	0%	0%	0%	0%	0%
							grade 2 events	4838	5148	4495	4299	19978	12568
								2%	3%	2%	2%	14%	10%
							grade 3 events	1631	1521	1542	1632	1778	3894
								0%	0%	0%	0%	1%	3%
							grade 4 events	1474	1587	1590	1577	1621	3841
								0%	1%	1%	0%	1%	3%
							grade 5 events	3132	2985	2943	3397	6291	7977
								1%	1%	1%	2%	4%	6%
							grade 6 events	3669	3987	3493	3499	26940	24142
								2%	2%	2%	2%	19%	19%
							grade 7 events	142353	128353	132598	138473	71757	65523
								84%	82%	84%	84%	52%	52%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	284.5047116687326	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-5.028452332310698	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	246.4844938345614	[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)	555228090.691379	555228089.66638			
Observation start date	2015-08-06T06:01:31	2015-08-06T06:01:29			
[s] Observation end time (MET)	555240880.642099	555240879.6171			
Observation end date	2015-08-06T09:34:41	2015-08-06T09:34:39			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3680001246929

A.2 Comments