

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51680 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 22 2015

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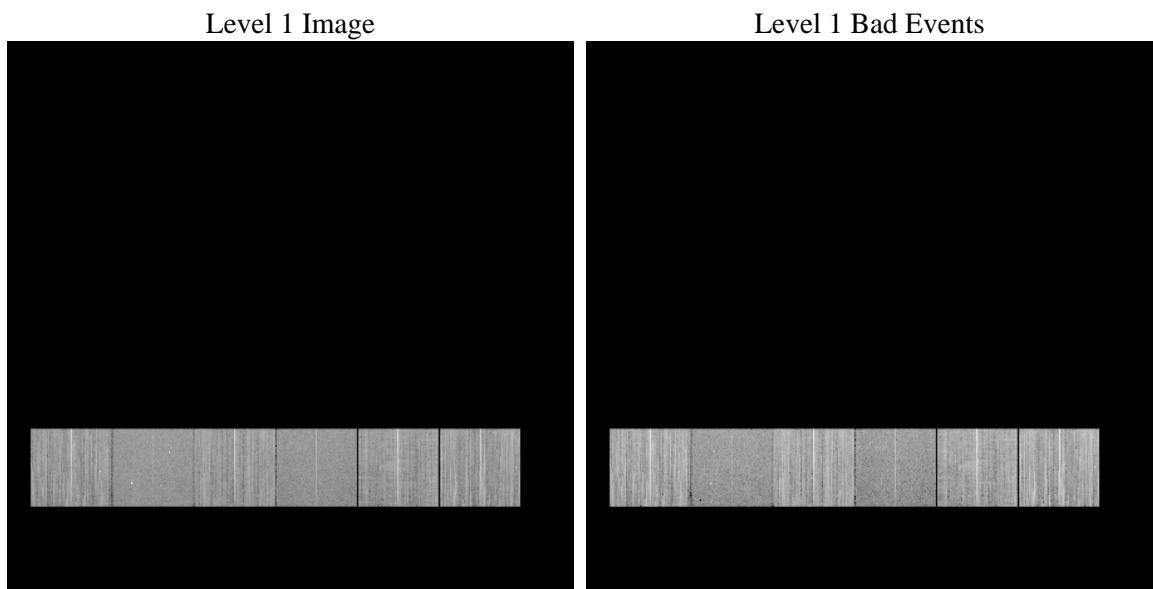
1 Front

seq_num	 	Sequence number
obs_id	51680	Observation id
title	ACIS-456789 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	328.49910420454	Nominal RA [deg]
dec_nom	-30.228637302207	Nominal Dec [deg]
roll_nom	354.42700580886	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8255.8096182346	Sum of GTIs [s]
livetime	8151.2695857968	Livetime [s]
ontime4	8255.6864981651	Sum of GTIs [s]
ontime5	8255.7685781717	Sum of GTIs [s]
ontime6	8255.727538228	Sum of GTIs [s]
ontime7	8255.8096182346	Sum of GTIs [s]
ontime8	8255.6454582214	Sum of GTIs [s]
ontime9	8255.8506581783	Sum of GTIs [s]
l2events	187911	Number of level 2 events

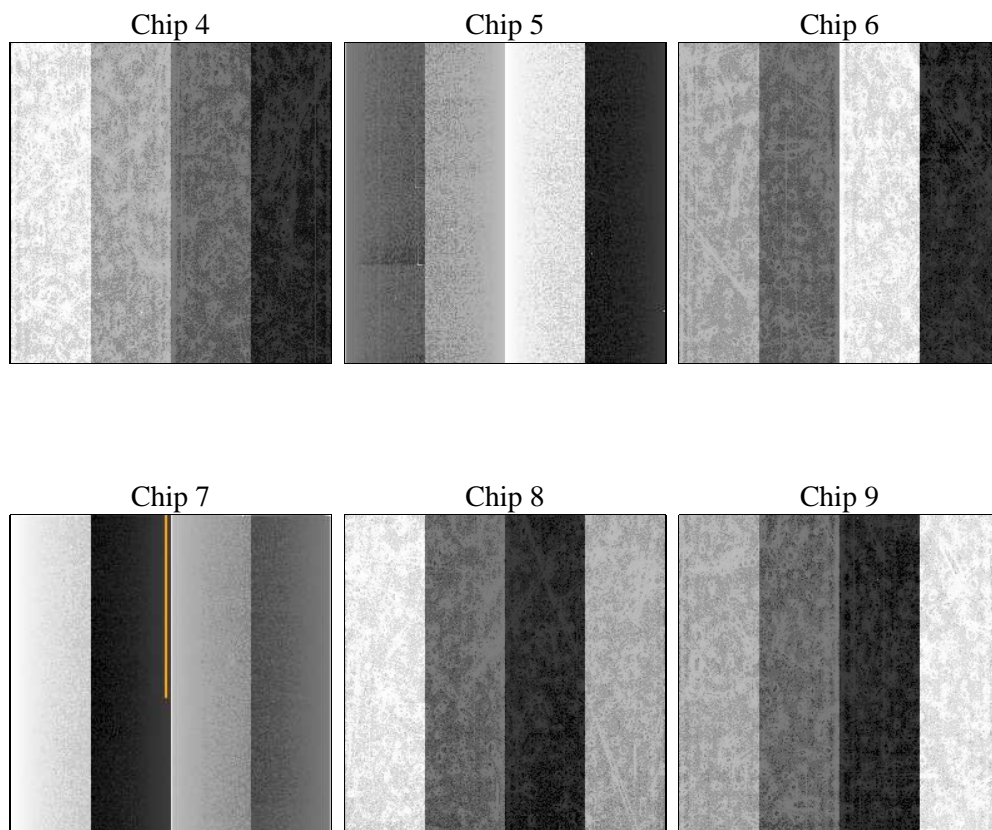
2 OBI

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	8255.8096182346	Sum of GTIs [s]
caldbver	4.6.8	 	ontime4	8255.6864981651	Sum of GTIs [s]
date	2015-08-22T18:23:05	Date and time of file creation	ontime5	8255.7685781717	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8255.727538228	Sum of GTIs [s]
			ontime7	8255.8096182346	Sum of GTIs [s]
			ontime8	8255.6454582214	Sum of GTIs [s]
			ontime9	8255.8506581783	Sum of GTIs [s]
			l1events	893751	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	156292	132764	159123	119991	156377	169204	grade 0 events	12148	5043	11039	6013	13487	10902
rejected events	132943	76617	135398	70027	123202	146030		7%	3%	6%	5%	8%	6%
rejected %	85%	57%	85%	58%	78%	86%	grade 1 events	114	137	66	95	98	79
								0%	0%	0%	0%	0%	0%
							grade 2 events	4631	20521	5170	12338	7181	4719
								2%	15%	3%	10%	4%	2%
							grade 3 events	1650	1965	1576	3792	2633	1674
								1%	1%	0%	3%	1%	0%
							grade 4 events	1602	1697	1587	3936	2503	1658
								1%	1%	0%	3%	1%	0%
							grade 5 events	3240	6654	3235	7789	4286	3704
								2%	5%	2%	6%	2%	2%
							grade 6 events	3327	26947	4361	23907	7385	4227
								2%	20%	2%	19%	4%	2%
							grade 7 events	129580	69800	132089	62121	118804	142241
								82%	52%	83%	51%	75%	84%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	328.4991042045357
[deg] Pointing Dec	0	-30.2286373022069
[deg] Pointing Roll	0.0	354.4270058088564
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	556561386.166551	556561385.1415499
Observation start date	2015-08-21T16:23:06	2015-08-21T16:23:05
[s] Observation end time (MET)	556582349.467734	556582348.4427299
Observation end date	2015-08-21T22:12:29	2015-08-21T22:12:28
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)	2015.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2558096182346

A.2 Comments