

V&V Reference Report

L2 ASCDS Version : 10.4.3

Observation 51359 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 6 2016

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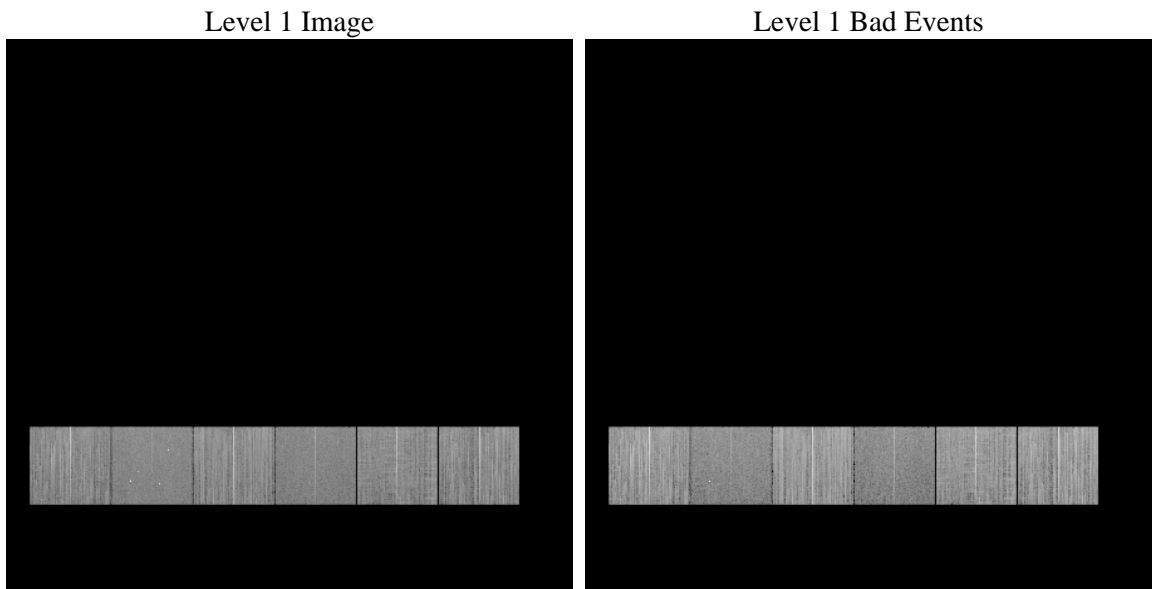
1 Front

seq_num	 	Sequence number
obs_id	51359	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	103.97092117082	Nominal RA [deg]
dec_nom	40.481479876629	Nominal Dec [deg]
roll_nom	187.12530930767	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8265.600123167	Sum of GTIs [s]
livetime	8160.9361174606	Livetime [s]
ontime4	8265.600123167	Sum of GTIs [s]
ontime5	8265.600123167	Sum of GTIs [s]
ontime6	8265.600123167	Sum of GTIs [s]
ontime7	8265.600123167	Sum of GTIs [s]
ontime8	8265.600123167	Sum of GTIs [s]
ontime9	8265.600123167	Sum of GTIs [s]
l2events	183457	Number of level 2 events

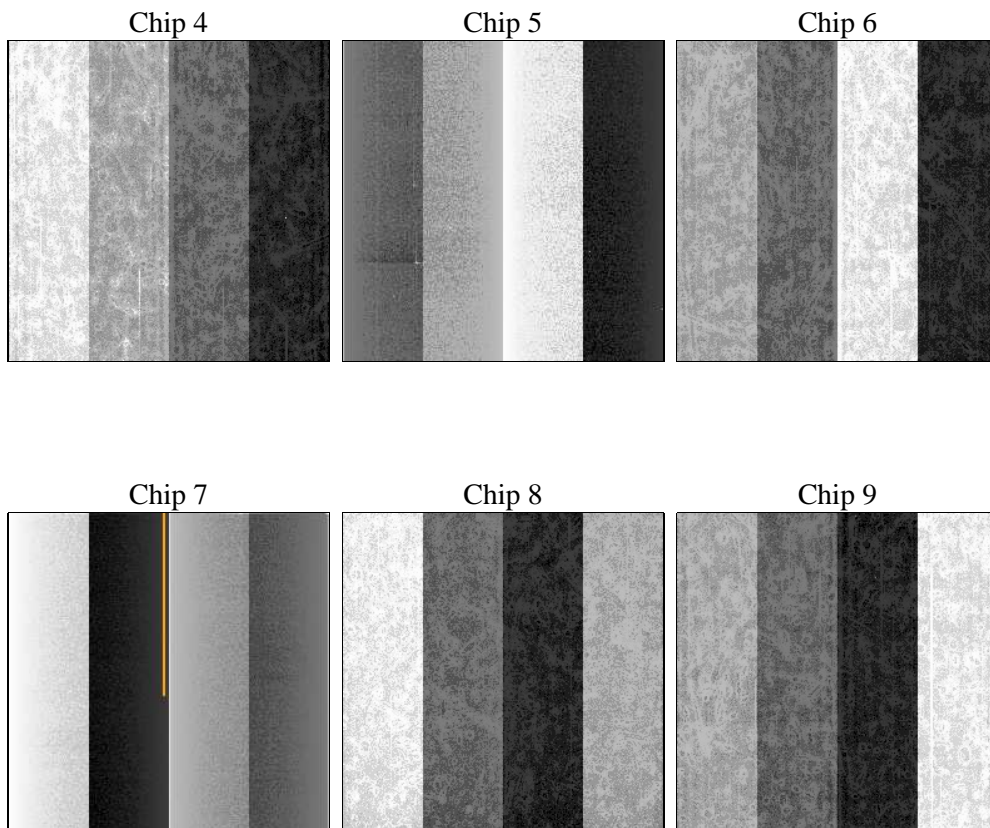
2 OBI

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	8265.600123167	Sum of GTIs [s]
caldsver	4.7.0	 	ontime4	8265.600123167	Sum of GTIs [s]
date	2016-01-06T22:31:33	Date and time of file creation	ontime5	8265.600123167	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8265.600123167	Sum of GTIs [s]
			ontime7	8265.600123167	Sum of GTIs [s]
			ontime8	8265.600123167	Sum of GTIs [s]
			ontime9	8265.600123167	Sum of GTIs [s]
			l1events	949311	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	163344	143839	176953	126922	165139	173114	grade 0 events	10634	8042	9829	5885	12968	9897
rejected events	142056	82323	155446	75431	132595	152080		6%	5%	5%	4%	7%	5%
rejected %	86%	57%	87%	59%	80%	87%	grade 1 events	115	208	62	98	74	77
								0%	0%	0%	0%	0%	0%
							grade 2 events	4375	21258	4709	12879	7165	4342
								2%	14%	2%	10%	4%	2%
							grade 3 events	1617	1869	1484	4105	2753	1565
								0%	1%	0%	3%	1%	0%
							grade 4 events	1532	1856	1508	3995	2650	1466
								0%	1%	0%	3%	1%	0%
							grade 5 events	3480	7176	3512	8454	4528	3951
								2%	4%	1%	6%	2%	2%
							grade 6 events	3130	28491	3977	24627	7008	3764
								1%	19%	2%	19%	4%	2%
							grade 7 events	138461	74939	151872	66879	127993	148052
								84%	52%	85%	52%	77%	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	103.9709211708237	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	40.48147987662882	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	187.1253093076675	[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)	568443072.82787	568443071.80287			
Observation start date	2016-01-06T04:51:13	2016-01-06T04:51:11			
[s] Observation end time (MET)	568460829.9288779	568460828.90388			
Observation end date	2016-01-06T09:47:10	2016-01-06T09:47:08			
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)	2016.01.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.265600123167

A.2 Comments