

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51736 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 21 2015

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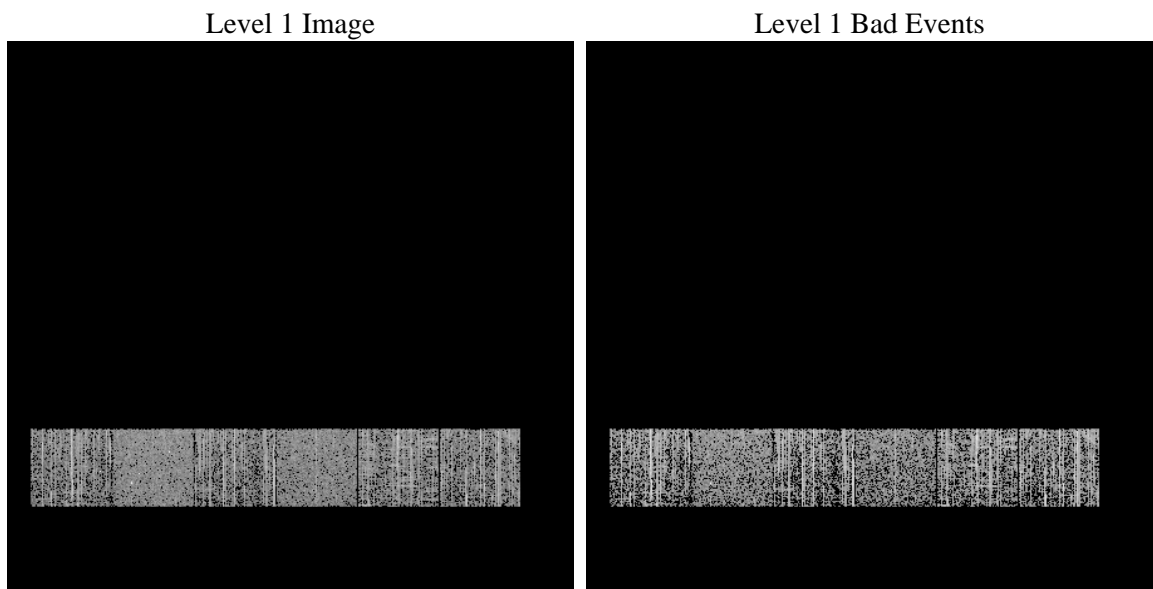
1 Front

seq_num	 	Sequence number
obs_id	51736	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	175.0060826266	Nominal RA [deg]
dec_nom	5.971876236979	Nominal Dec [deg]
roll_nom	249.12050087705	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1062.400015831	Sum of GTIs [s]
livetime	1048.9472671301	Livetime [s]
ontime4	1062.400015831	Sum of GTIs [s]
ontime5	1062.400015831	Sum of GTIs [s]
ontime6	1062.400015831	Sum of GTIs [s]
ontime7	1062.400015831	Sum of GTIs [s]
ontime8	1062.400015831	Sum of GTIs [s]
ontime9	1062.400015831	Sum of GTIs [s]
l2events	23122	Number of level 2 events

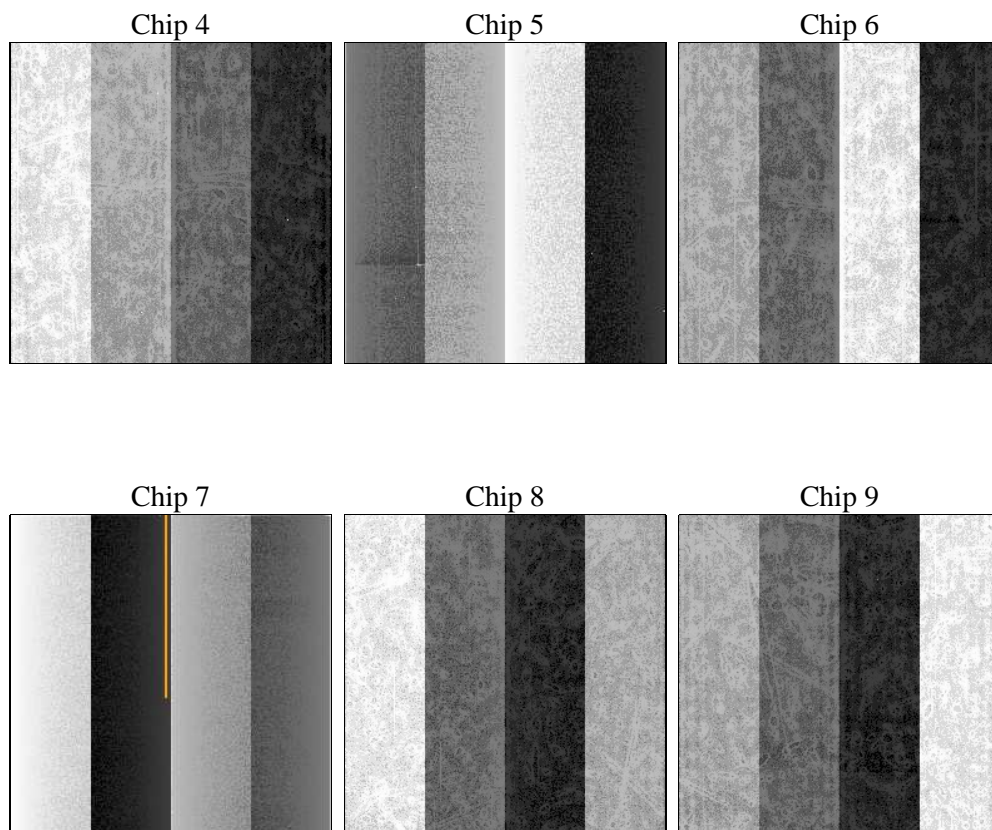
2 OBI

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	1062.400015831	Sum of GTIs [s]
caldsver	4.6.8	 	ontime4	1062.400015831	Sum of GTIs [s]
date	2015-07-21T17:03:05	Date and time of file creation	ontime5	1062.400015831	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	1062.400015831	Sum of GTIs [s]
			ontime7	1062.400015831	Sum of GTIs [s]
			ontime8	1062.400015831	Sum of GTIs [s]
			ontime9	1062.400015831	Sum of GTIs [s]
			l1events	103297	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	16990	16990	17998	14450	18230	18639
rejected events	14078	9586	15139	8336	13943	15853
rejected %	82%	56%	84%	57%	76%	85%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	1586	989	1408	766	1803	1355
	9%	5%	7%	5%	9%	7%
grade 1 events	21	14	8	11	10	8
	0%	0%	0%	0%	0%	0%
grade 2 events	542	2575	554	1496	879	581
	3%	15%	3%	10%	4%	3%
grade 3 events	210	228	198	486	406	191
	1%	1%	1%	3%	2%	1%
grade 4 events	200	255	203	486	333	208
	1%	1%	1%	3%	1%	1%
grade 5 events	394	868	407	992	558	436
	2%	5%	2%	6%	3%	2%
grade 6 events	387	3375	505	2903	881	459
	2%	19%	2%	20%	4%	2%
grade 7 events	13650	8686	14715	7310	13360	15401
	80%	51%	81%	50%	73%	82%

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	175.006082626596	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	5.971876236979043	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	249.1205008770501	[s] Primary exposure time	3.2	3.2
[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)	553817795.162052	553817794.13705			
Observation start date	2015-07-20T22:16:35	2015-07-20T22:16:34			
[s] Observation end time (MET)	553821878.762282	553821877.73728			
Observation end date	2015-07-20T23:24:39	2015-07-20T23:24:37			
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)	2015.07.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.062400015831

A.2 Comments