

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51214 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 2 2016

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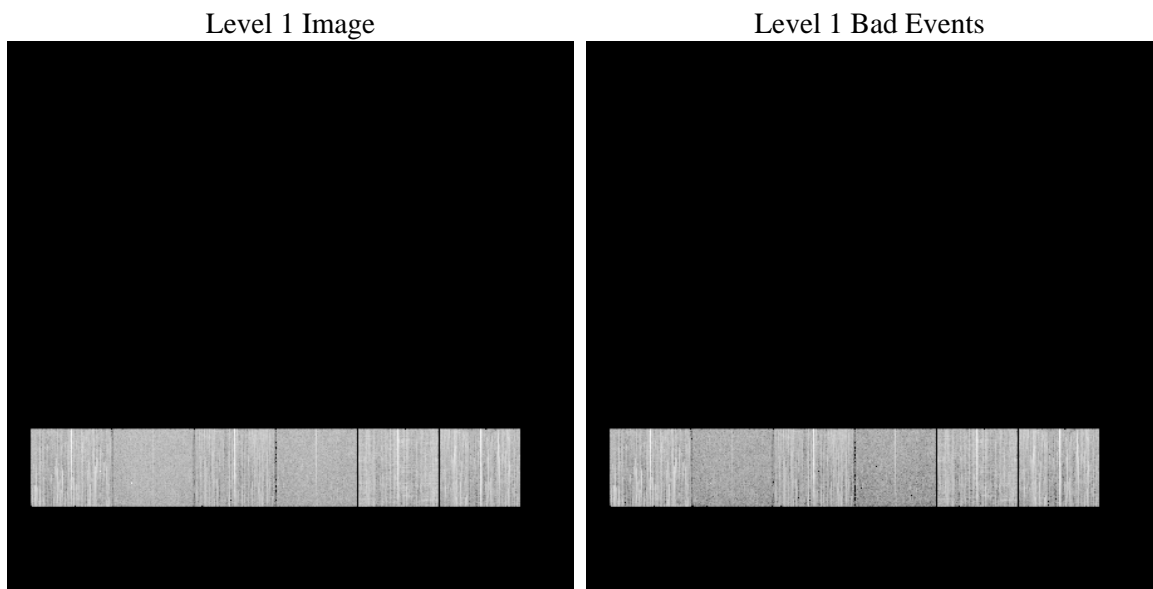
1 Front

seq_num	 	Sequence number
obs_id	51214	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	321.39377532647	Nominal RA [deg]
dec_nom	40.917994853904	Nominal Dec [deg]
roll_nom	28.127532902936	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5142.4000766277	Sum of GTIs [s]
livetime	5077.2839104759	Livetime [s]
ontime4	5142.4000766277	Sum of GTIs [s]
ontime5	5142.4000766277	Sum of GTIs [s]
ontime6	5142.4000766277	Sum of GTIs [s]
ontime7	5142.4000766277	Sum of GTIs [s]
ontime8	5142.4000766277	Sum of GTIs [s]
ontime9	5142.4000766277	Sum of GTIs [s]
l2events	116585	Number of level 2 events

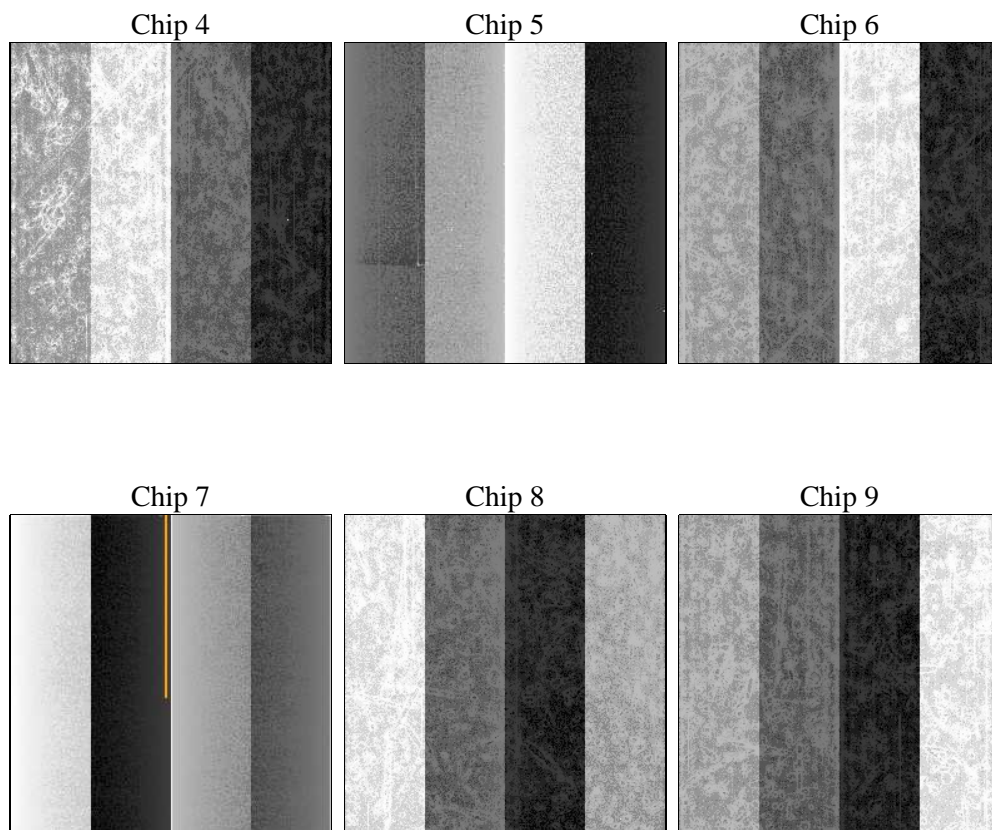
2 OBI

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	10.4.3.1	Processing system revision	ontime	5142.4000766277	Sum of GTIs [s]
caldsver	4.7.0	 	ontime4	5142.4000766277	Sum of GTIs [s]
date	2016-03-02T15:52:02	Date and time of file creation	ontime5	5142.4000766277	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	5142.4000766277	Sum of GTIs [s]
			ontime7	5142.4000766277	Sum of GTIs [s]
			ontime8	5142.4000766277	Sum of GTIs [s]
			ontime9	5142.4000766277	Sum of GTIs [s]
			l1events	630012	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	116709	90805	103722	81664	117965	119147	grade 0 events	6721	2390	5876	3506	7905	6056
rejected events	103156	54092	90425	48694	97449	105912		5%	2%	5%	4%	6%	5%
rejected %	88%	59%	87%	59%	82%	88%	grade 1 events	65	109	36	69	49	43
								0%	0%	0%	0%	0%	0%
							grade 2 events	2820	13242	3050	8247	4692	2930
								2%	14%	2%	10%	3%	2%
							grade 3 events	1035	1121	920	2427	1624	986
								0%	1%	0%	2%	1%	0%
							grade 4 events	1013	1030	952	2416	1633	905
								0%	1%	0%	2%	1%	0%
							grade 5 events	2226	4303	2268	5351	3080	2523
								1%	4%	2%	6%	2%	2%
							grade 6 events	1964	18930	2499	16374	4662	2358
								1%	20%	2%	20%	3%	1%
							grade 7 events	100865	49680	88121	43274	94320	103346
								86%	54%	84%	52%	79%	86%

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	321.3937753264747	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	40.91799485390443	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	28.12753290293629	[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)	573284414.602949	573284413.57795			
Observation start date	2016-03-02T05:40:15	2016-03-02T05:40:13			
[s] Observation end time (MET)	573292872.90343	573292871.87843			
Observation end date	2016-03-02T08:01:13	2016-03-02T08:01:11			
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)	2016.03.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1424000766277

A.2 Comments