

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51268 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 12 2016

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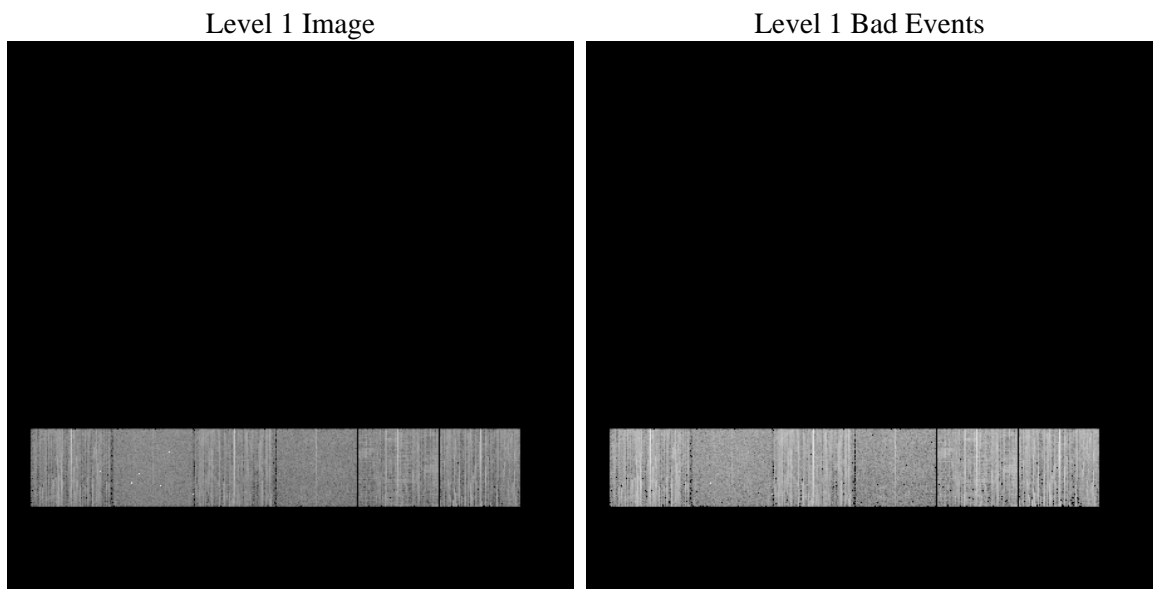
1 Front

seq_num	 	Sequence number
obs_id	51268	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	156.76463260145	Nominal RA [deg]
dec_nom	35.698048500429	Nominal Dec [deg]
roll_nom	151.30241392104	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3398.4000506401	Sum of GTIs [s]
livetime	3355.3674629281	Livetime [s]
ontime4	3398.4000506401	Sum of GTIs [s]
ontime5	3398.4000506401	Sum of GTIs [s]
ontime6	3398.4000506401	Sum of GTIs [s]
ontime7	3398.4000506401	Sum of GTIs [s]
ontime8	3398.4000506401	Sum of GTIs [s]
ontime9	3398.4000506401	Sum of GTIs [s]
l2events	73490	Number of level 2 events

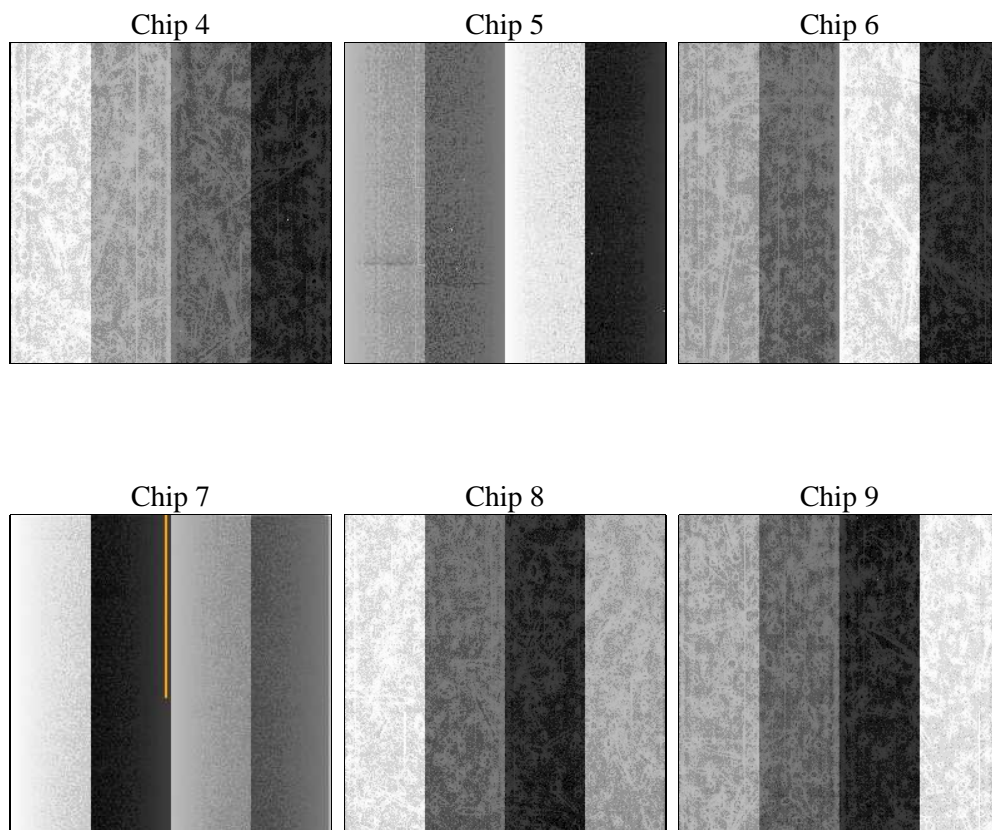
2 OBI

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	3398.4000506401	Sum of GTIs [s]
caldbver	4.7.0	 	ontime4	3398.4000506401	Sum of GTIs [s]
date	2016-02-12T16:41:56	Date and time of file creation	ontime5	3398.4000506401	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	3398.4000506401	Sum of GTIs [s]
			ontime7	3398.4000506401	Sum of GTIs [s]
			ontime8	3398.4000506401	Sum of GTIs [s]
			ontime9	3398.4000506401	Sum of GTIs [s]
			l1events	427209	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	75756	64827	76727	55524	76776	77599	grade 0 events	5222	4891	3897	2164	5384	4014
rejected events	66513	37935	68182	34926	63784	69091		6%	7%	5%	3%	7%	5%
rejected %	87%	58%	88%	62%	83%	89%	grade 1 events	42	253	21	50	37	27
								0%	0%	0%	0%	0%	0%
							grade 2 events	1932	8874	2182	5430	3040	1923
								2%	13%	2%	9%	3%	2%
							grade 3 events	630	797	589	1516	1090	630
								0%	1%	0%	2%	1%	0%
							grade 4 events	642	808	555	1466	1040	642
								0%	1%	0%	2%	1%	0%
							grade 5 events	1560	2966	1342	3432	2022	1675
								2%	4%	1%	6%	2%	2%
							grade 6 events	1205	12716	1709	10976	2927	1686
								1%	19%	2%	19%	3%	2%
							grade 7 events	64523	33522	66432	30490	61236	67002
								85%	51%	86%	54%	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	OVERRIDE	OVERRIDE
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	156.7646326014481	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	35.69804850042861	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	151.3024139210441	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
SIM translation stage pos (mm)	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	571645328.809742	571645328.809742			
Observation start date	2016-02-12T06:22:09	2016-02-12T06:22:08			
[s] Observation end time (MET)	571650161.992146	571650161.992146			
Observation end date	2016-02-12T07:42:42	2016-02-12T07:42:41			
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)	2016.02.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.3984000506401

A.2 Comments