

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51068 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 2 2016

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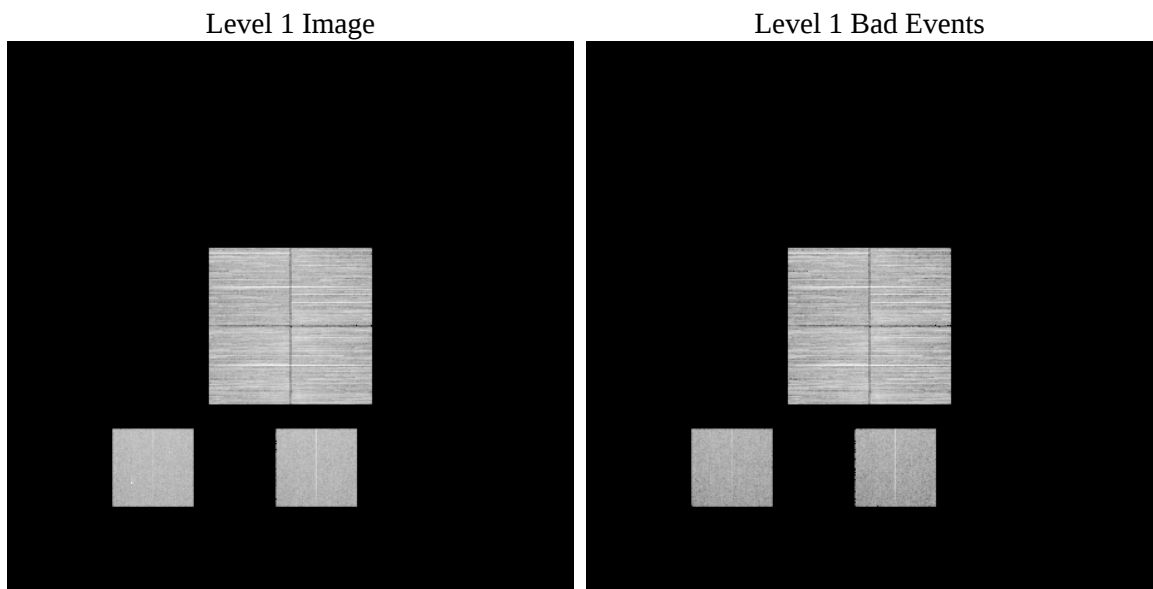
1 Front

seq_num	 	Sequence number
obs_id	51068	Observation id
title	ACIS-012357 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	58.109090565202	Nominal RA [deg]
dec_nom	-33.258896700841	Nominal Dec [deg]
roll_nom	203.18239073073	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8089.6001205444	Sum of GTIs [s]
livetime	7987.1647328457	Livetime [s]
ontime0	8089.6001205444	Sum of GTIs [s]
ontime1	8089.6001205444	Sum of GTIs [s]
ontime2	8086.3591501713	Sum of GTIs [s]
ontime3	8089.6001205444	Sum of GTIs [s]
ontime5	8089.6001205444	Sum of GTIs [s]
ontime7	8089.6001205444	Sum of GTIs [s]
l2events	178692	Number of level 2 events

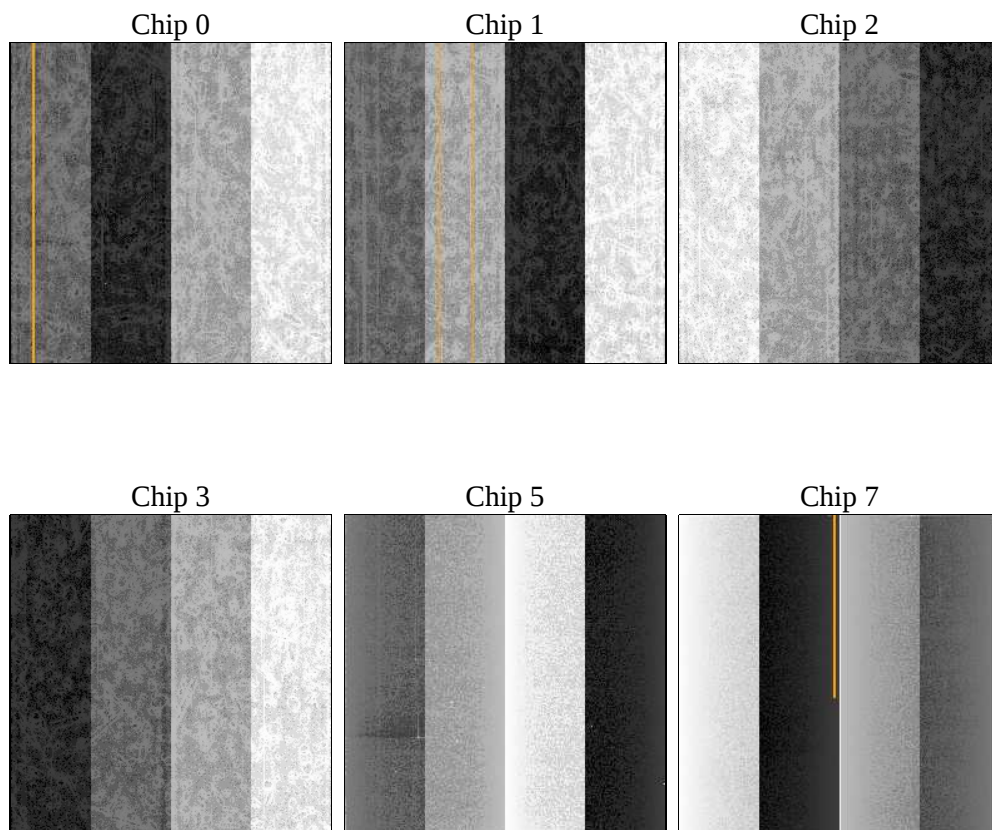
2 OBI

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	8089.6001205444	Sum of GTIs [s]
caldsver	4.7.1	 	ontime0	8089.6001205444	Sum of GTIs [s]
date	2016-05-02T18:54:12	Date and time of file creation	ontime1	8089.6001205444	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8086.3591501713	Sum of GTIs [s]
			ontime3	8089.6001205444	Sum of GTIs [s]
			ontime5	8089.6001205444	Sum of GTIs [s]
			ontime7	8089.6001205444	Sum of GTIs [s]
			l1events	950410	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	159291	170290	173188	176862	140499	130280	grade 0 events	9290	8829	9363	9442	3848	5495
rejected events	139373	150145	153537	157109	83181	78553		5%	5%	5%	5%	2%	4%
rejected %	87%	88%	88%	88%	59%	60%	grade 1 events	57	65	72	71	184	105
								0%	0%	0%	0%	0%	0%
							grade 2 events	4424	4807	4252	4106	20768	12694
								2%	2%	2%	2%	14%	9%
							grade 3 events	1487	1428	1399	1409	1632	3781
								0%	0%	0%	0%	1%	2%
							grade 4 events	1399	1350	1515	1491	1638	3821
								0%	0%	0%	0%	1%	2%
							grade 5 events	3271	3183	3099	3532	6513	8408
								2%	1%	1%	1%	4%	6%
							grade 6 events	3318	3733	3129	3313	29443	25947
								2%	2%	1%	1%	20%	19%
							grade 7 events	136045	146895	150359	153498	76473	70029
								85%	86%	86%	86%	54%	53%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	58.10909056520228	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-33.25889670084054	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	203.1823907307328	[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)	578539960.888755	578539959.86375			
Observation start date	2016-05-02T01:32:41	2016-05-02T01:32:39			
[s] Observation end time (MET)	578551233.839399	578551232.8144			
Observation end date	2016-05-02T04:40:34	2016-05-02T04:40:32			
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)	2016.05.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0896001205444

A.2 Comments