

V&V Reference Report

L2 ASCDS Version : 10.4.2.1

Observation 51497 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 20 2015

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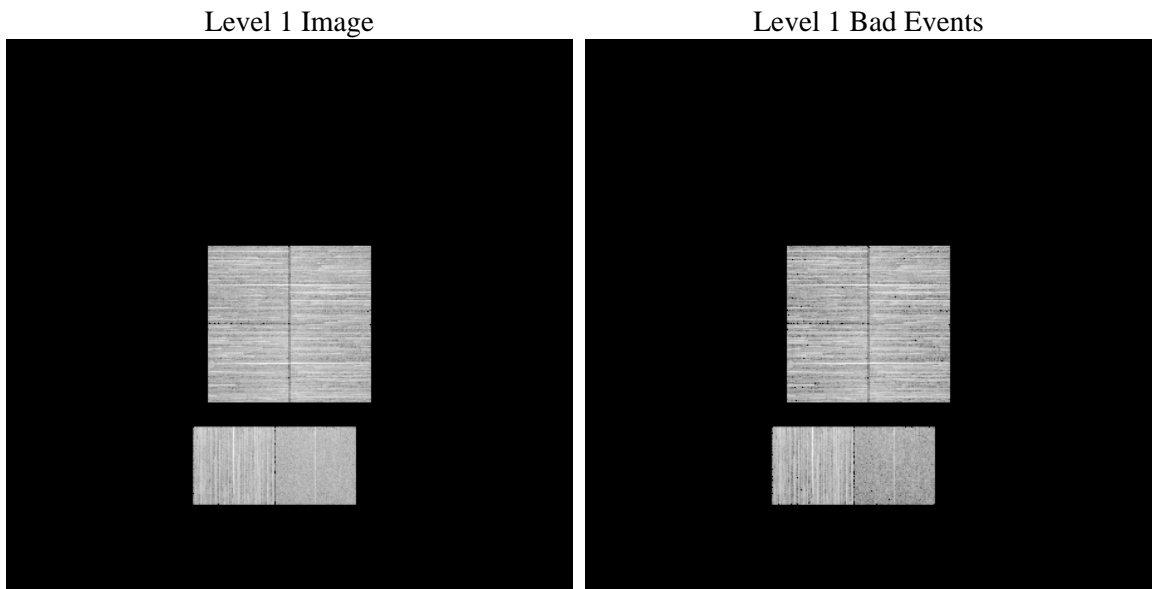
1 Front

seq_num	 	Sequence number
obs_id	51497	Observation id
title	ACIS-012367 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	62.018853212023	Nominal RA [deg]
dec_nom	-4.9780276581072	Nominal Dec [deg]
roll_nom	16.796469082055	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5385.6000802517	Sum of GTIs [s]
livetime	5317.4043692165	Livetime [s]
ontime0	5385.6000802517	Sum of GTIs [s]
ontime1	5385.6000802517	Sum of GTIs [s]
ontime2	5385.6000802517	Sum of GTIs [s]
ontime3	5385.6000802517	Sum of GTIs [s]
ontime6	5385.6000802517	Sum of GTIs [s]
ontime7	5385.6000802517	Sum of GTIs [s]
l2events	94125	Number of level 2 events

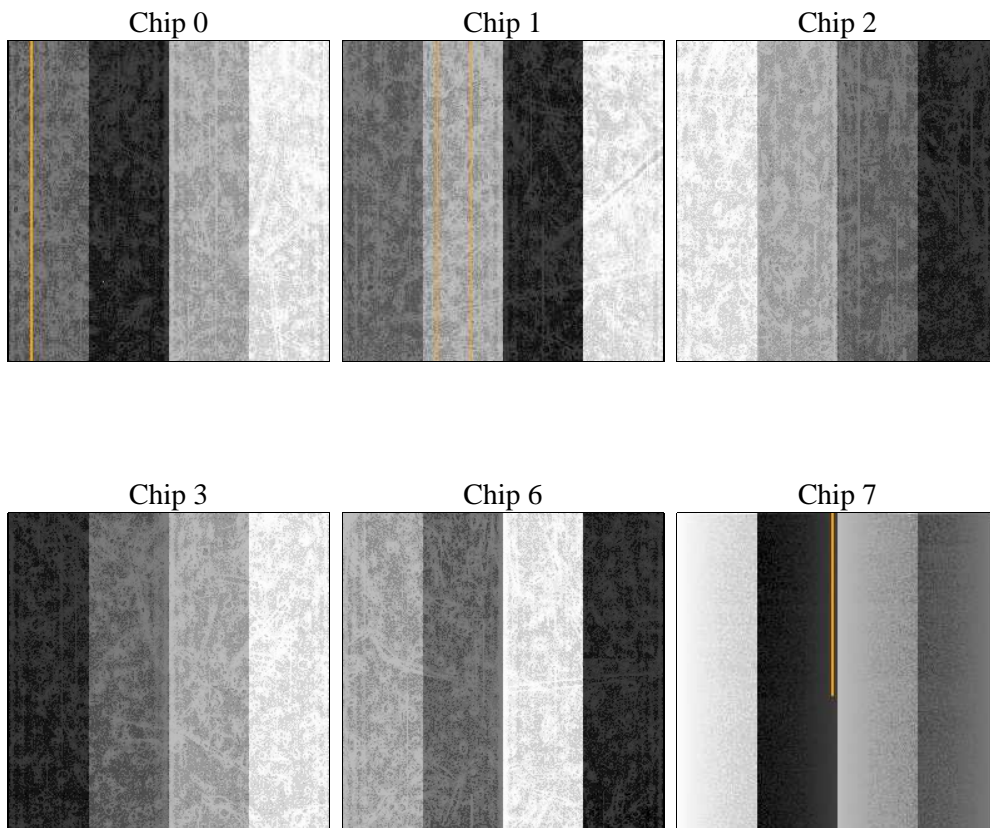
2 OBI

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	10.4.2.1	Processing system revision	ontime	5385.6000802517	Sum of GTIs [s]
caldsver	4.6.10a	 	ontime0	5385.6000802517	Sum of GTIs [s]
date	2015-11-20T13:19:40	Date and time of file creation	ontime1	5385.6000802517	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	5385.6000802517	Sum of GTIs [s]
			ontime3	5385.6000802517	Sum of GTIs [s]
			ontime6	5385.6000802517	Sum of GTIs [s]
			ontime7	5385.6000802517	Sum of GTIs [s]
			l1events	578317	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	89853	104055	100117	102509	103193	78590	grade 0 events	6470	6359	6622	6785	6567	3610
rejected events	76236	90120	86700	88855	89109	46879		7%	6%	6%	6%	6%	4%
rejected %	84%	86%	86%	86%	86%	59%	grade 1 events	41	46	39	48	35	67
								0%	0%	0%	0%	0%	0%
							grade 2 events	2929	3232	2817	2780	3044	7792
								3%	3%	2%	2%	2%	9%
							grade 3 events	980	946	907	986	945	2425
								1%	0%	0%	0%	0%	3%
							grade 4 events	983	961	979	977	922	2372
								1%	0%	0%	0%	0%	3%
							grade 5 events	1843	1988	1830	2216	2048	5088
								2%	1%	1%	2%	1%	6%
							grade 6 events	2255	2437	2092	2126	2606	15512
								2%	2%	2%	2%	2%	19%
							grade 7 events	74352	88086	84831	86591	87026	41724
								82%	84%	84%	84%	84%	53%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	62.01885321202253	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-4.978027658107232	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	16.79646908205502	[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)	564330926.344728	564330925.31973			
Observation start date	2015-11-19T14:35:26	2015-11-19T14:35:25			
[s] Observation end time (MET)	564343800.345458	564343799.32046			
Observation end date	2015-11-19T18:10:00	2015-11-19T18:09:59			
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)	2015.11.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.3856000802517

A.2 Comments