

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 52088 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 12 2015

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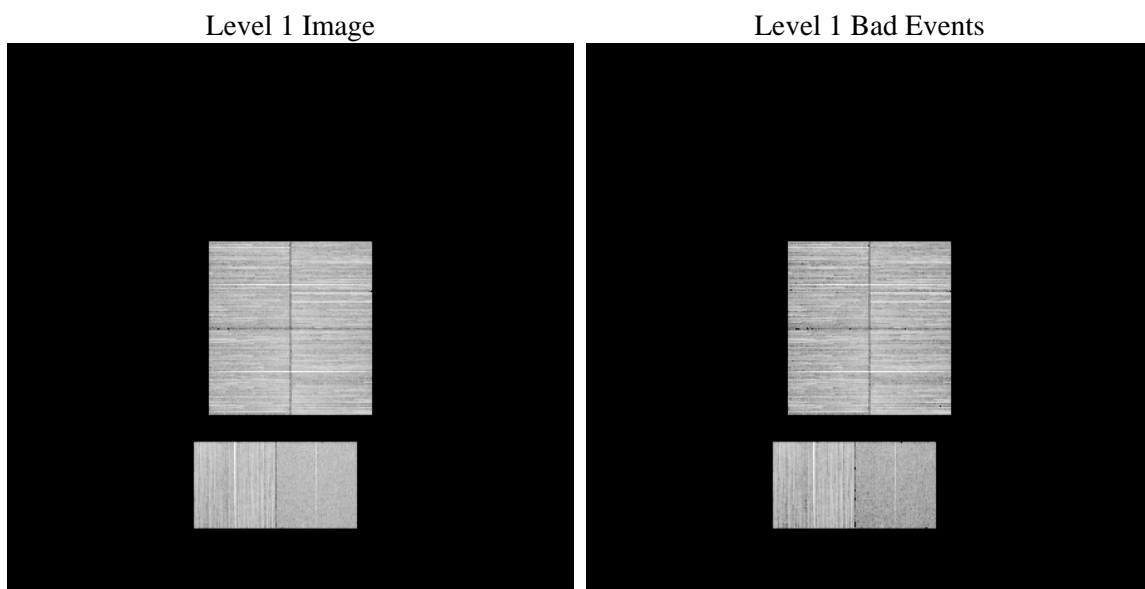
1 Front

seq_num	 	Sequence number
obs_id	52088	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	142.29540934555	Nominal RA [deg]
dec_nom	35.479145710911	Nominal Dec [deg]
roll_nom	188.21830174627	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8003.200119257	Sum of GTIs [s]
livetime	7901.8587803984	Livetime [s]
ontime0	8003.200119257	Sum of GTIs [s]
ontime1	7999.9590588808	Sum of GTIs [s]
ontime2	8003.200119257	Sum of GTIs [s]
ontime3	8003.200119257	Sum of GTIs [s]
ontime6	8003.200119257	Sum of GTIs [s]
ontime7	8003.200119257	Sum of GTIs [s]
l2events	152571	Number of level 2 events

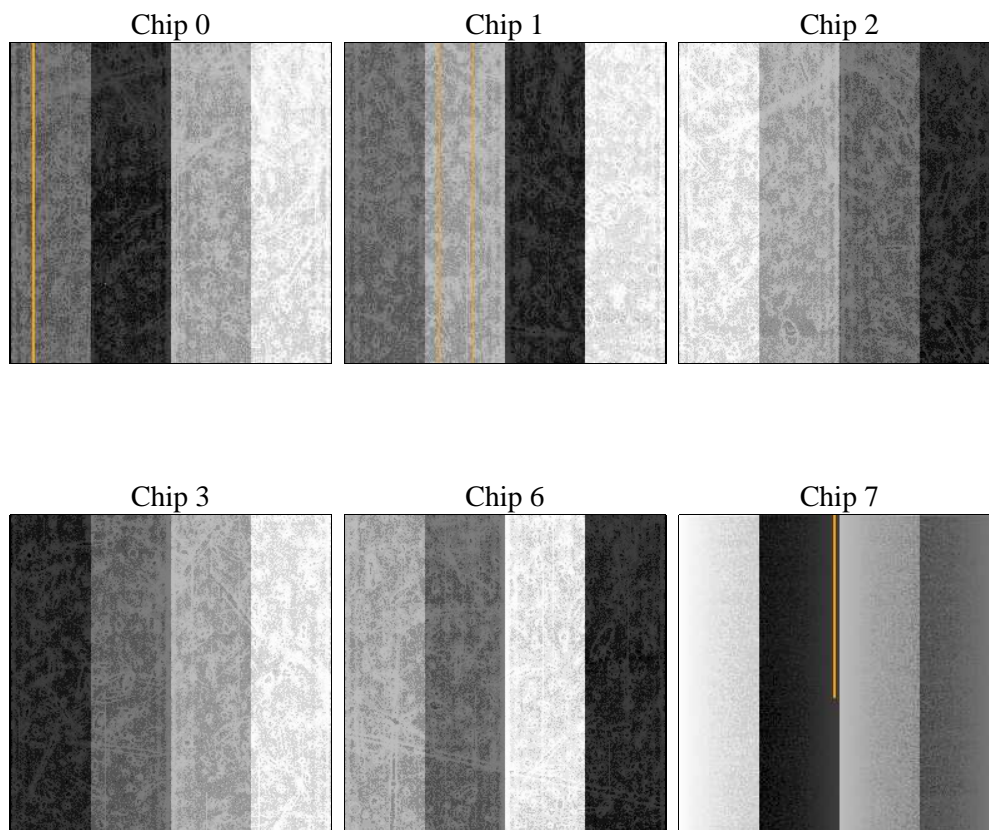
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.3.3	Processing system revision	ontime	8003.200119257	Sum of GTIs [s]
caldsver	4.6.6	 	ontime0	8003.200119257	Sum of GTIs [s]
date	2015-02-12T15:44:28	Date and time of file creation	ontime1	7999.9590588808	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8003.200119257	Sum of GTIs [s]
			ontime3	8003.200119257	Sum of GTIs [s]
			ontime6	8003.200119257	Sum of GTIs [s]
			ontime7	8003.200119257	Sum of GTIs [s]
			l1events	863468	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	137563	154785	144160	154605	152662	119693	grade 0 events	11368	10984	11965	11655	11468	6253
rejected events	115209	132002	121507	132214	129462	70985		8%	7%	8%	7%	7%	5%
rejected %	83%	85%	84%	85%	84%	59%	grade 1 events	61	49	73	72	51	75
								0%	0%	0%	0%	0%	0%
							grade 2 events	4798	5300	4608	4591	5133	12365
								3%	3%	3%	2%	3%	10%
							grade 3 events	1672	1586	1645	1642	1703	3967
								1%	1%	1%	1%	1%	3%
							grade 4 events	1597	1608	1655	1649	1557	3880
								1%	1%	1%	1%	1%	3%
							grade 5 events	2872	2801	2671	3161	3136	7642
								2%	1%	1%	2%	2%	6%
							grade 6 events	3664	4070	3633	3670	4177	23898
								2%	2%	2%	2%	2%	19%
							grade 7 events	111531	128387	117910	128165	125437	61613
								81%	82%	81%	82%	82%	51%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	142.2954093455494
[deg] Pointing Dec	0	35.47914571091089
[deg] Pointing Roll	0.0	188.2183017462732
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	540109837.993394	540109837.993394
Observation start date	2015-02-12T06:30:38	2015-02-12T06:30:37
[s] Observation end time (MET)	540119387.2191581	540119387.2191581
Observation end date	2015-02-12T09:09:47	2015-02-12T09:09:47
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.02.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.003200119257

A.2 Comments