

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55817 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 7 2012

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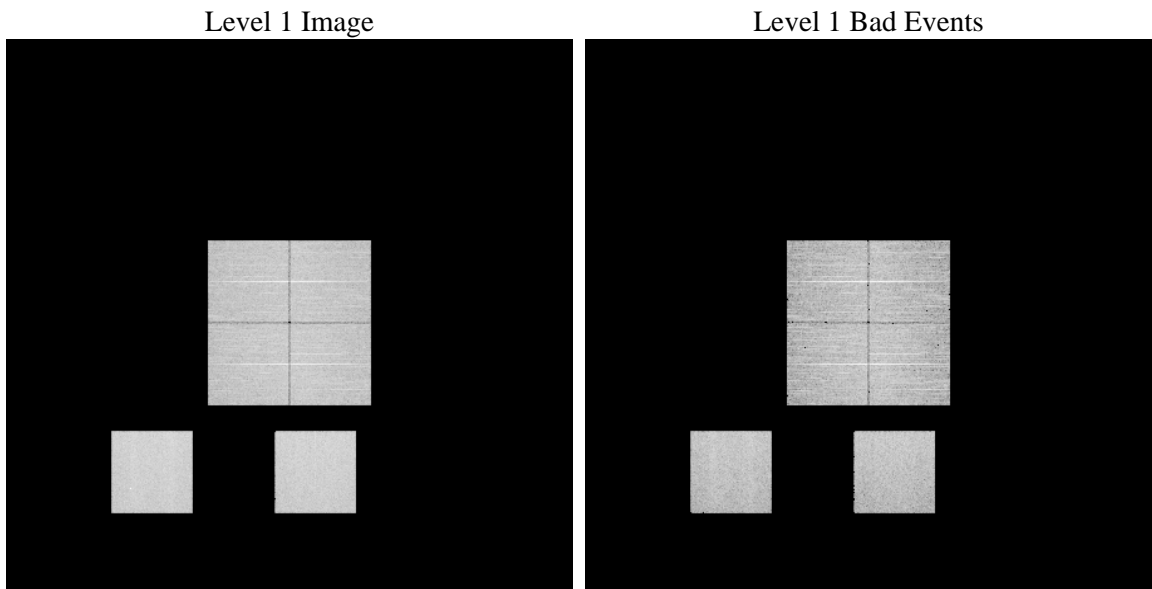
1 Front

seq_num	 	Sequence number
obs_id	55817	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	103.9869599108	Nominal RA [deg]
dec_nom	21.526100394491	Nominal Dec [deg]
roll_nom	82.117620227786	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8281.3873210549	Sum of GTIs [s]
livetime	8176.523408343	Livetime [s]
ontime0	8281.3462810516	Sum of GTIs [s]
ontime1	8281.3052410483	Sum of GTIs [s]
ontime2	8281.264201045	Sum of GTIs [s]
ontime3	8280.8333973885	Sum of GTIs [s]
ontime5	8281.2231610417	Sum of GTIs [s]
ontime7	8281.3873210549	Sum of GTIs [s]
l2events	375266	Number of level 2 events

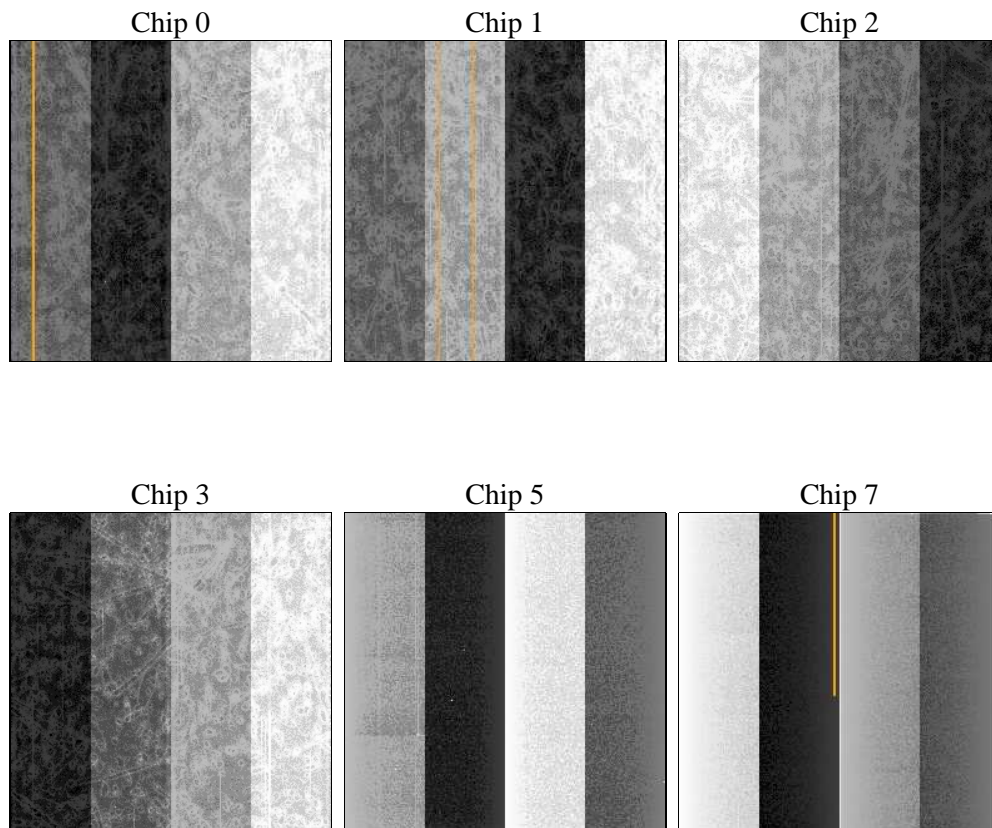
2 OBI

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	8.4.5	Processing system revision	ontime	8281.3873210549	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8281.3462810516	Sum of GTIs [s]
date	2012-07-07T20:02:31	Date and time of file creation	ontime1	8281.3052410483	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8281.264201045	Sum of GTIs [s]
			ontime3	8280.8333973885	Sum of GTIs [s]
			ontime5	8281.2231610417	Sum of GTIs [s]
			ontime7	8281.3873210549	Sum of GTIs [s]
			l1events	771381	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	113994	113974	117204	122091	153744	150374	grade 0 events	28648	27626	29360	30170	8505	14062
rejected events	59408	58880	62897	66372	66333	63962		25%	24%	25%	24%	5%	9%
rejected %	52%	51%	53%	54%	43%	42%	grade 1 events	189	139	206	192	186	135
								0%	0%	0%	0%	0%	0%
							grade 2 events	9996	11446	9282	9647	32723	18973
								8%	10%	7%	7%	21%	12%
							grade 3 events	3774	3624	3712	3874	3082	7390
								3%	3%	3%	3%	2%	4%
							grade 4 events	3626	3536	3662	3867	2901	7302
								3%	3%	3%	3%	1%	4%
							grade 5 events	3595	3443	3415	3870	7466	9451
								3%	3%	2%	3%	4%	6%
							grade 6 events	8562	8882	8320	8161	40242	38720
								7%	7%	7%	6%	26%	25%
							grade 7 events	55604	55278	59247	62310	58639	54341
								48%	48%	50%	51%	38%	36%

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	103.9869599108042	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	21.52610039449113	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	82.11762022778609	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	408071862.198843	408071861.17385			
Observation start date	2010-12-07T01:17:42	2010-12-07T01:17:41			
[s] Observation end time (MET)	408083323.749434	408083322.72444			
Observation end date	2010-12-07T04:28:44	2010-12-07T04:28:42			
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)	2012.07.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2813873210549

A.2 Comments