

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55965 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 5 2012

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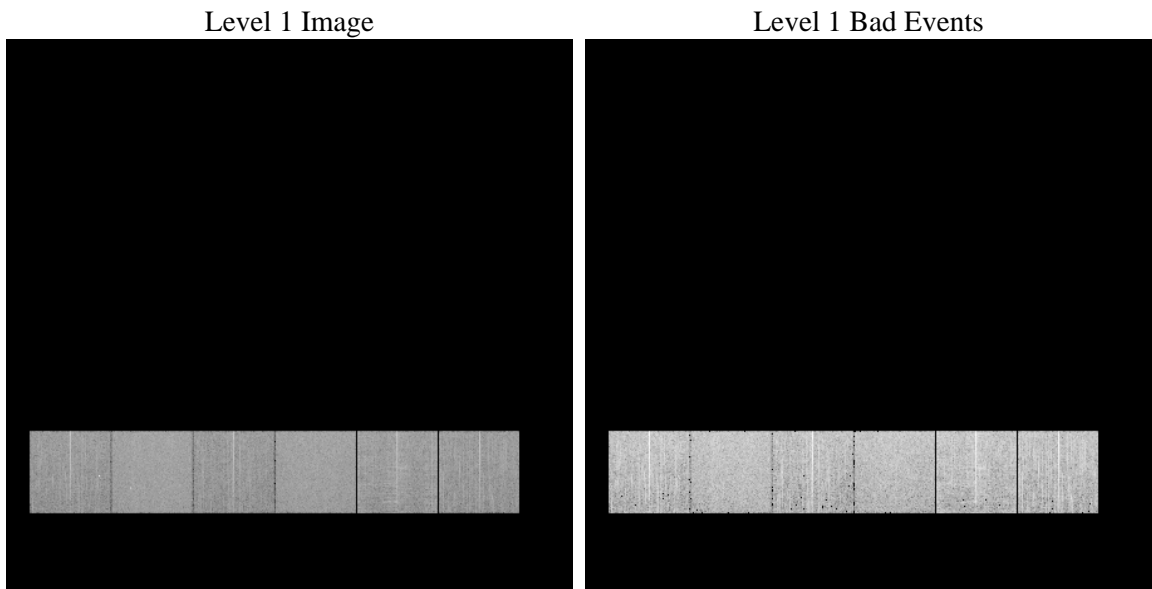
1 Front

seq_num	 	Sequence number
obs_id	55965	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	356.65767272506	Nominal RA [deg]
dec_nom	38.919975987366	Nominal Dec [deg]
roll_nom	220.67170503139	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5395.1095059514	Sum of GTIs [s]
livetime	5326.7933808421	Livetime [s]
ontime4	5394.9863859415	Sum of GTIs [s]
ontime5	5395.0684659481	Sum of GTIs [s]
ontime6	5395.0274259448	Sum of GTIs [s]
ontime7	5395.1095059514	Sum of GTIs [s]
ontime8	5394.9453459382	Sum of GTIs [s]
ontime9	5395.1505459547	Sum of GTIs [s]
l2events	257559	Number of level 2 events

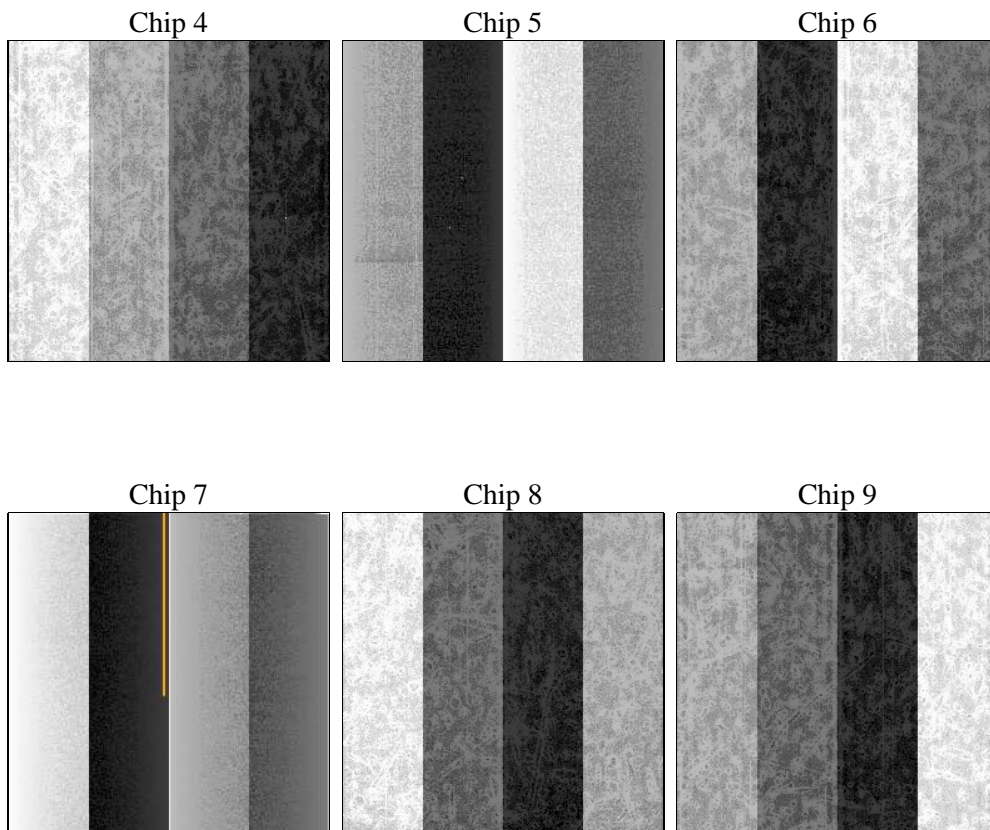
2 OBI

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	5395.1095059514	Sum of GTIs [s]
caldbver	4.5.0	 	ontime4	5394.9863859415	Sum of GTIs [s]
date	2012-07-05T06:44:34	Date and time of file creation	ontime5	5395.0684659481	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5395.0274259448	Sum of GTIs [s]
			ontime7	5395.1095059514	Sum of GTIs [s]
			ontime8	5394.9453459382	Sum of GTIs [s]
			ontime9	5395.1505459547	Sum of GTIs [s]
			l1events	558461	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	84856	105810	82106	103208	96533	85948	grade 0 events	21348	7291	20265	10316	22630	19955
rejected events	47410	45627	43119	43714	49729	48260		25%	6%	24%	9%	23%	23%
rejected %	55%	43%	52%	42%	51%	56%	grade 1 events	252	111	131	104	152	141
								0%	0%	0%	0%	0%	0%
							grade 2 events	6039	21635	7180	12748	9019	6853
								7%	20%	8%	12%	9%	7%
							grade 3 events	2620	2463	2585	5458	3656	2596
								3%	2%	3%	5%	3%	3%
							grade 4 events	2617	2432	2602	5411	3312	2528
								3%	2%	3%	5%	3%	2%
							grade 5 events	2558	5669	2639	6749	3504	3048
								3%	5%	3%	6%	3%	3%
							grade 6 events	5036	26711	6600	25930	8464	5980
								5%	25%	8%	25%	8%	6%
							grade 7 events	44386	39498	40104	36492	45796	44847
								52%	37%	48%	35%	47%	52%

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	356.6576727250562	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	38.9199759873664	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	220.6717050313933	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
[mm] SIM translation stage pos	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	403505136.413669	403505136.413669			
Observation start date	2010-10-15T04:45:36	2010-10-15T04:45:36			
[s] Observation end time (MET)	403511715.598468	403511715.598468			
Observation end date	2010-10-15T06:35:16	2010-10-15T06:35:15			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.3951095059514

A.2 Comments