

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56203 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 28 2012

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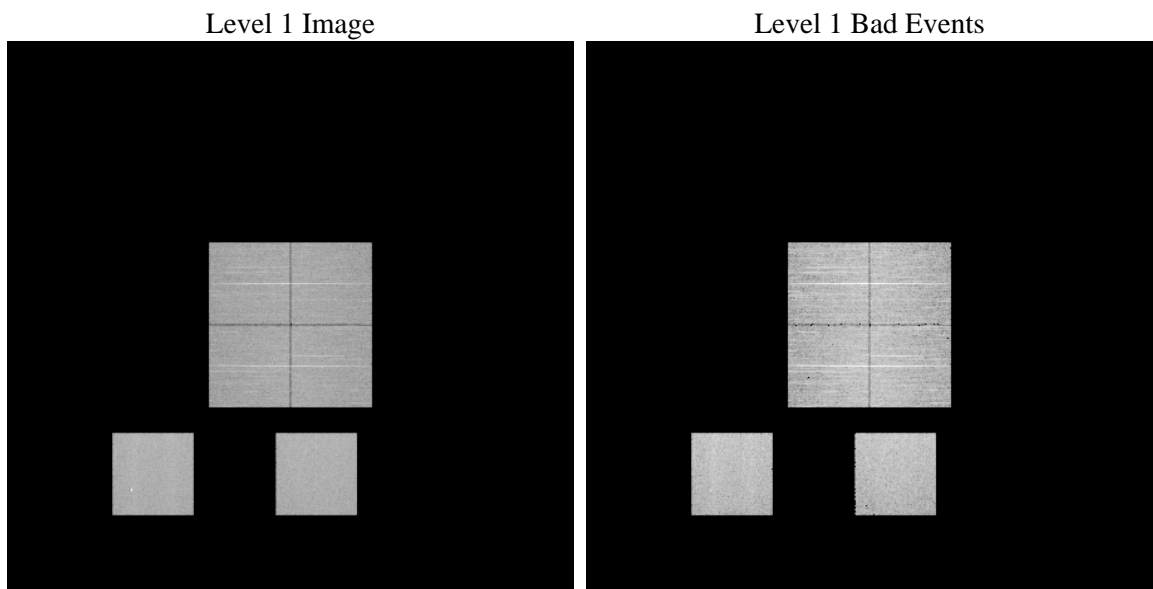
1 Front

seq_num	 	Sequence number
obs_id	56203	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	252.97744275693	Nominal RA [deg]
dec_nom	1.4819518000469	Nominal Dec [deg]
roll_nom	185.57210204054	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8278.3999692202	Sum of GTIs [s]
livetime	8173.5738841559	Livetime [s]
ontime0	8278.3999692202	Sum of GTIs [s]
ontime1	8278.3999692202	Sum of GTIs [s]
ontime2	8278.3999692202	Sum of GTIs [s]
ontime3	8278.3999692202	Sum of GTIs [s]
ontime5	8278.3999692202	Sum of GTIs [s]
ontime7	8278.3999692202	Sum of GTIs [s]
l2events	421499	Number of level 2 events

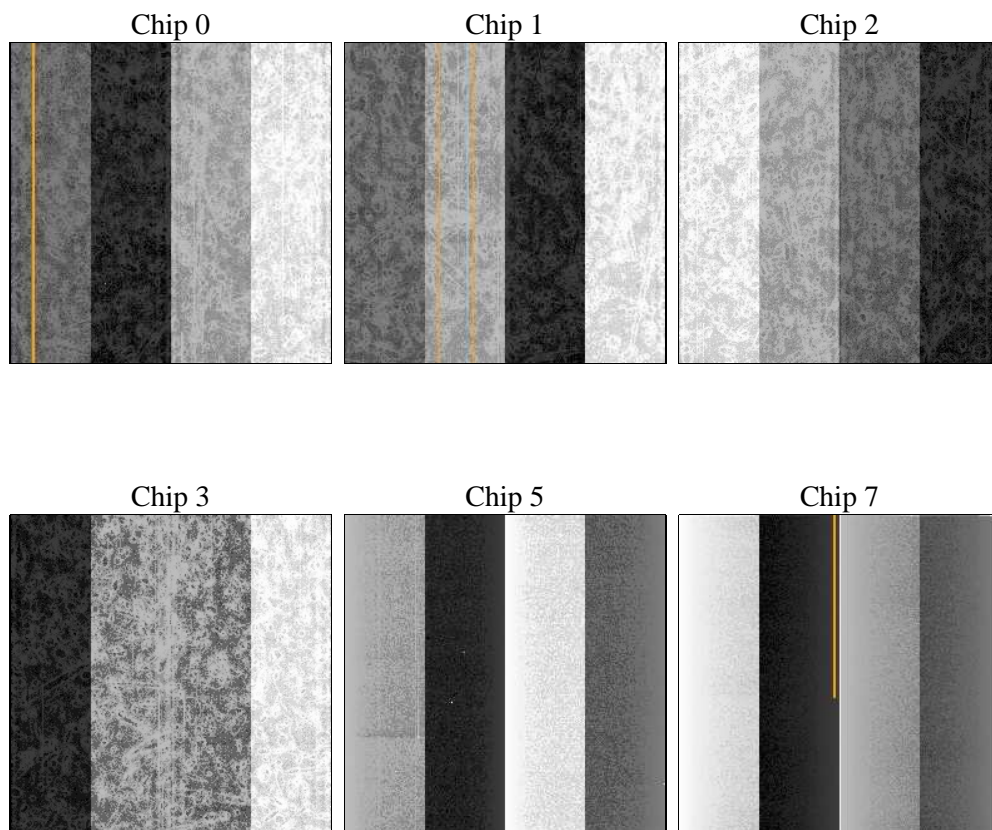
2 OBI

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	8.4.5	Processing system revision	ontime	8278.3999692202	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8278.3999692202	Sum of GTIs [s]
date	2012-06-28T06:26:40	Date and time of file creation	ontime1	8278.3999692202	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8278.3999692202	Sum of GTIs [s]
			ontime3	8278.3999692202	Sum of GTIs [s]
			ontime5	8278.3999692202	Sum of GTIs [s]
			ontime7	8278.3999692202	Sum of GTIs [s]
			l1events	845380	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	129101	125476	128500	132388	166921	162994	grade 0 events	32682	31030	33565	34312	10267	16334
rejected events	67031	63347	66800	69516	69260	66866		25%	24%	26%	25%	6%	10%
rejected %	51%	50%	51%	52%	41%	41%	grade 1 events	219	192	233	207	222	143
								0%	0%	0%	0%	0%	0%
							grade 2 events	11384	12902	10408	10591	36755	21337
								8%	10%	8%	7%	22%	13%
							grade 3 events	4260	3915	4299	4310	3656	8304
								3%	3%	3%	3%	2%	5%
							grade 4 events	4156	4043	4269	4261	3241	8028
								3%	3%	3%	3%	1%	4%
							grade 5 events	3741	3771	3464	4086	7877	9921
								2%	3%	2%	3%	4%	6%
							grade 6 events	9588	10239	9159	9398	43779	42125
								7%	8%	7%	7%	26%	25%
							grade 7 events	63071	59384	63103	65223	61124	56802
								48%	47%	49%	49%	36%	34%

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	252.9774427569304	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	1.481951800046944	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	185.5721020405404	[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)	392307752.940446	392307751.91543			
Observation start date	2010-06-07T14:22:33	2010-06-07T14:22:31			
[s] Observation end time (MET)	392319983.24107	392319982.21605			
Observation end date	2010-06-07T17:46:23	2010-06-07T17:46:22			
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)	2012.07.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2783999692202

A.2 Comments