

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55863 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 7 2012

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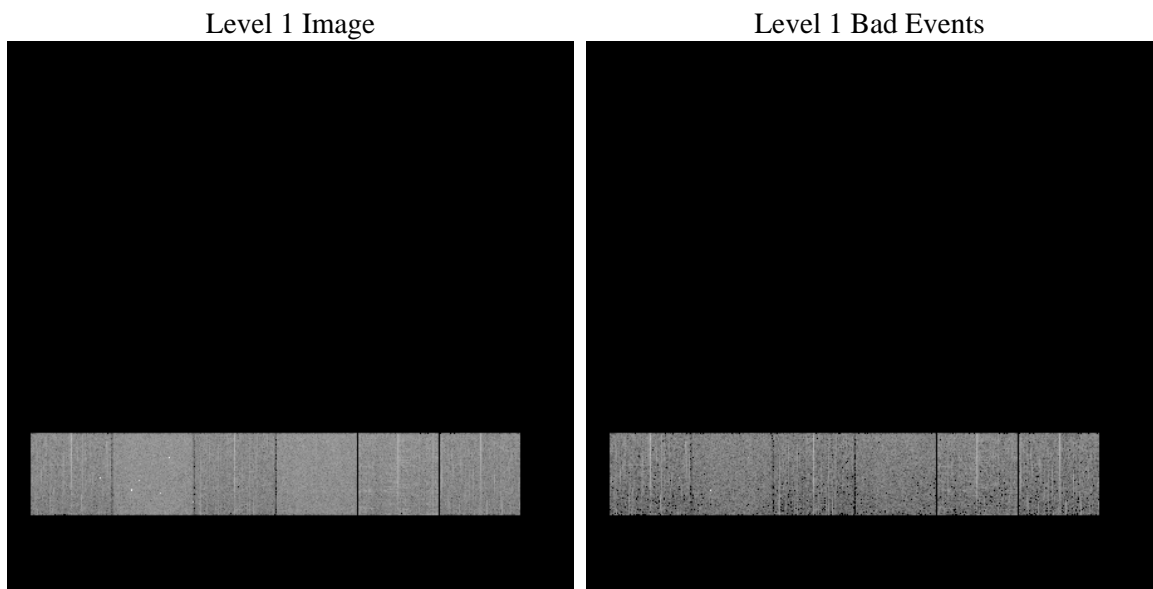
1 Front

seq_num	 	Sequence number
obs_id	55863	Observation id
title	ACIS-456789 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	74.964664341334	Nominal RA [deg]
dec_nom	38.007498701788	Nominal Dec [deg]
roll_nom	132.66866203096	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3132.799988389	Sum of GTIs [s]
livetime	3093.1305885904	Livetime [s]
ontime4	3132.799988389	Sum of GTIs [s]
ontime5	3132.799988389	Sum of GTIs [s]
ontime6	3132.799988389	Sum of GTIs [s]
ontime7	3132.799988389	Sum of GTIs [s]
ontime8	3132.799988389	Sum of GTIs [s]
ontime9	3132.799988389	Sum of GTIs [s]
l2events	151476	Number of level 2 events

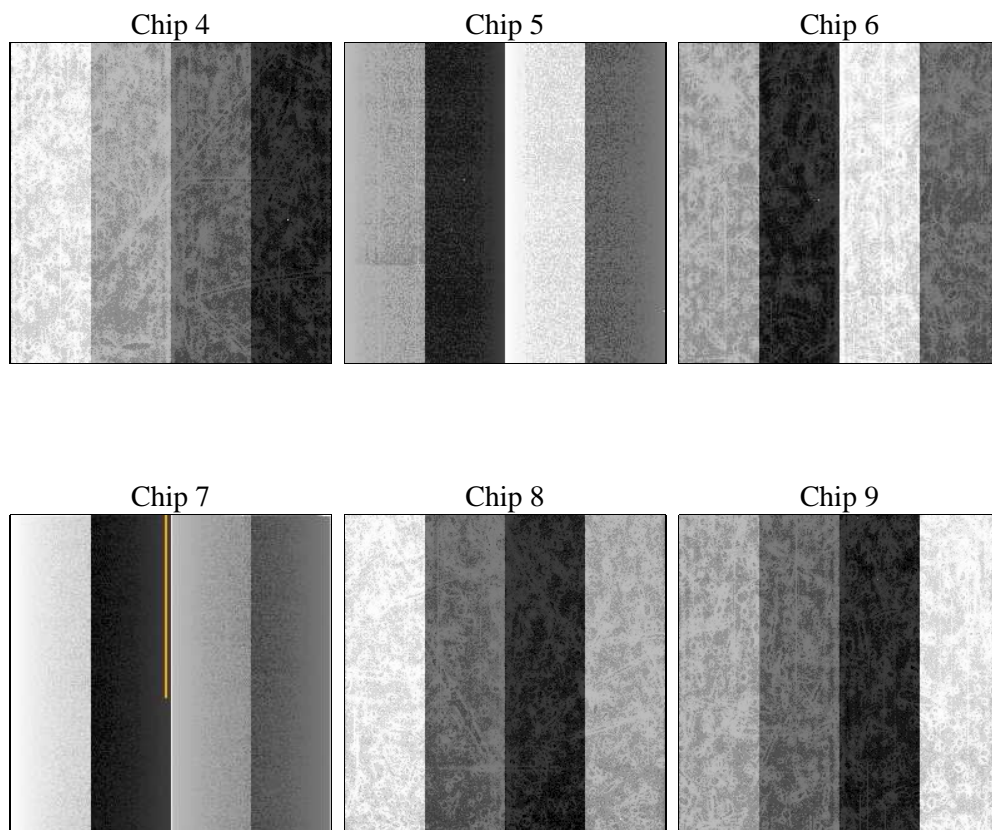
2 OBI

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	3132.799988389	Sum of GTIs [s]
caldsver	4.5.0	 	ontime4	3132.799988389	Sum of GTIs [s]
date	2012-07-07T04:57:32	Date and time of file creation	ontime5	3132.799988389	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3132.799988389	Sum of GTIs [s]
			ontime7	3132.799988389	Sum of GTIs [s]
			ontime8	3132.799988389	Sum of GTIs [s]
			ontime9	3132.799988389	Sum of GTIs [s]
			l1events	335269	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	50966	65201	48762	61256	58769	50315	grade 0 events	13378	5774	12099	6393	14061	12433
rejected events	28784	28626	26056	26498	30858	27699		26%	8%	24%	10%	23%	24%
rejected %	56%	43%	53%	43%	52%	55%	grade 1 events	113	108	64	50	85	91
								0%	0%	0%	0%	0%	0%
							grade 2 events	3654	13386	4422	7853	5501	4136
								7%	20%	9%	12%	9%	8%
							grade 3 events	1592	1710	1569	3331	2203	1563
								3%	2%	3%	5%	3%	3%
							grade 4 events	1675	1582	1585	3161	2180	1618
								3%	2%	3%	5%	3%	3%
							grade 5 events	1572	3474	1601	3964	2222	1781
								3%	5%	3%	6%	3%	3%
							grade 6 events	2998	15837	4106	15667	5319	3933
								5%	24%	8%	25%	9%	7%
							grade 7 events	25984	23330	23316	20837	27198	24760
								50%	35%	47%	34%	46%	49%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	74.96466434133424
[deg] Pointing Dec	0	38.00749870178785
[deg] Pointing Roll	0.0	132.6686620309641
[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)	406673200.426761	406673200.426761
Observation start date	2010-11-20T20:46:40	2010-11-20T20:46:40
[s] Observation end time (MET)	406677748.280435	406677748.280435
Observation end date	2010-11-20T22:02:28	2010-11-20T22:02:28
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)	2012.07.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.132799988389

A.2 Comments