

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58616 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 16 2012

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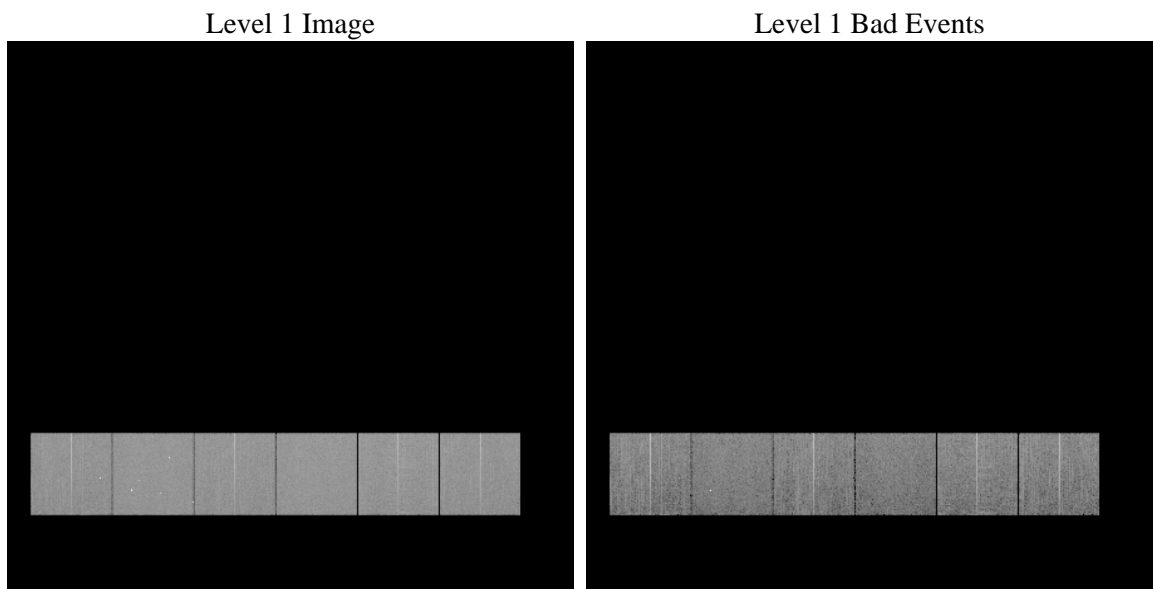
1 Front

seq_num	 	Sequence number
obs_id	58616	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	68.0121261871	Nominal RA [deg]
dec_nom	32.973119338412	Nominal Dec [deg]
roll_nom	257.78758977734	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7634.272189796	Sum of GTIs [s]
livetime	7537.6024385219	Livetime [s]
ontime4	7635.1999716163	Sum of GTIs [s]
ontime5	7635.1999716163	Sum of GTIs [s]
ontime6	7635.1999716163	Sum of GTIs [s]
ontime7	7634.272189796	Sum of GTIs [s]
ontime8	7635.1999716163	Sum of GTIs [s]
ontime9	7634.2311497927	Sum of GTIs [s]
l2events	760506	Number of level 2 events

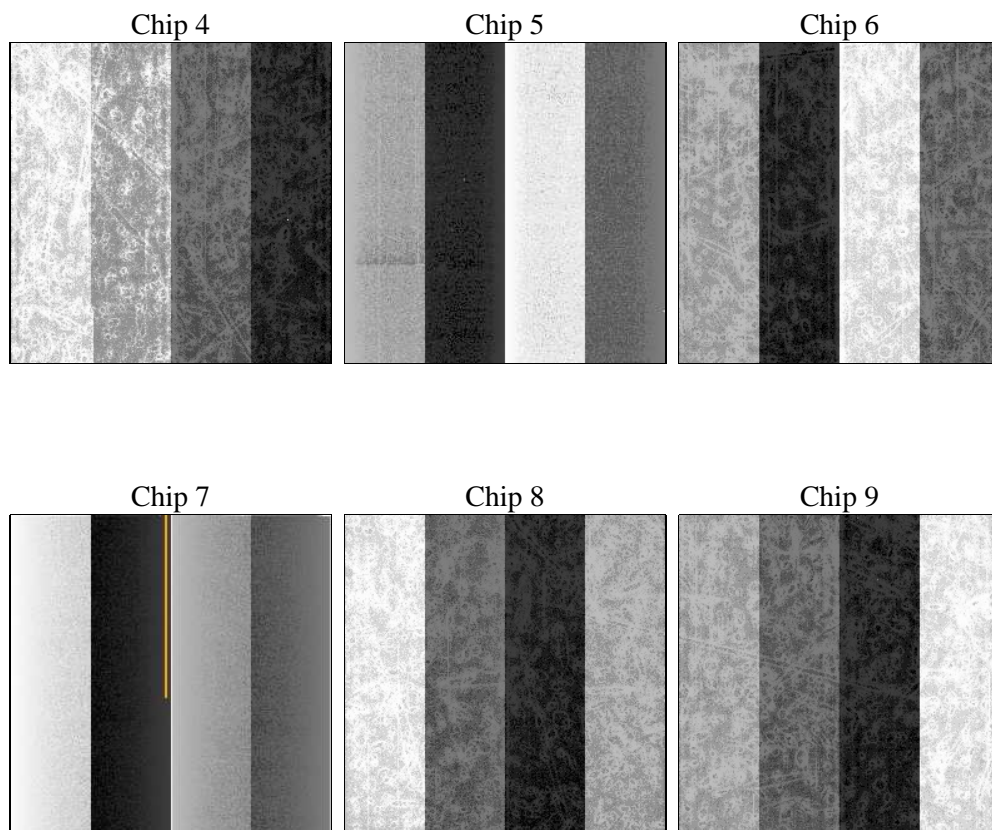
2 OBI

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	8.4.3.1	Processing system revision	ontime	7634.272189796	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7635.1999716163	Sum of GTIs [s]
date	2012-04-16T08:01:22	Date and time of file creation	ontime5	7635.1999716163	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7635.1999716163	Sum of GTIs [s]
			ontime7	7634.272189796	Sum of GTIs [s]
			ontime8	7635.1999716163	Sum of GTIs [s]
			ontime9	7634.2311497927	Sum of GTIs [s]
			l1events	1218071	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	194785	209185	199019	210407	210763	193912	grade 0 events	71442	27864	69432	33440	73015	67741
rejected events	71782	62636	69030	56005	71027	69287		36%	13%	34%	15%	34%	34%
rejected %	36%	29%	34%	26%	33%	35%	grade 1 events	667	216	431	145	477	462
								0%	0%	0%	0%	0%	0%
							grade 2 events	19397	52390	22897	33495	25371	21378
								9%	25%	11%	15%	12%	11%
							grade 3 events	8267	7790	8228	15060	9440	8221
								4%	3%	4%	7%	4%	4%
							grade 4 events	8213	7452	8369	15174	9405	8173
								4%	3%	4%	7%	4%	4%
							grade 5 events	3741	9351	3996	9454	4966	4312
								1%	4%	2%	4%	2%	2%
							grade 6 events	15743	51114	21112	57233	22561	19112
								8%	24%	10%	27%	10%	9%
							grade 7 events	67315	53008	64554	46406	65528	64513
								34%	25%	32%	22%	31%	33%

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	68.01212618709957
[deg] Pointing Dec	0	32.97311933841233
[deg] Pointing Roll	0.0	257.7875897773432
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	283795721.545581	283795720.52058
Observation start date	2006-12-29T16:08:42	2006-12-29T16:08:40
[s] Observation end time (MET)	283806887.89611	283806886.87111
Observation end date	2006-12-29T19:14:48	2006-12-29T19:14:46
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.04.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.634272189796

A.2 Comments