

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55210 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 22 2012

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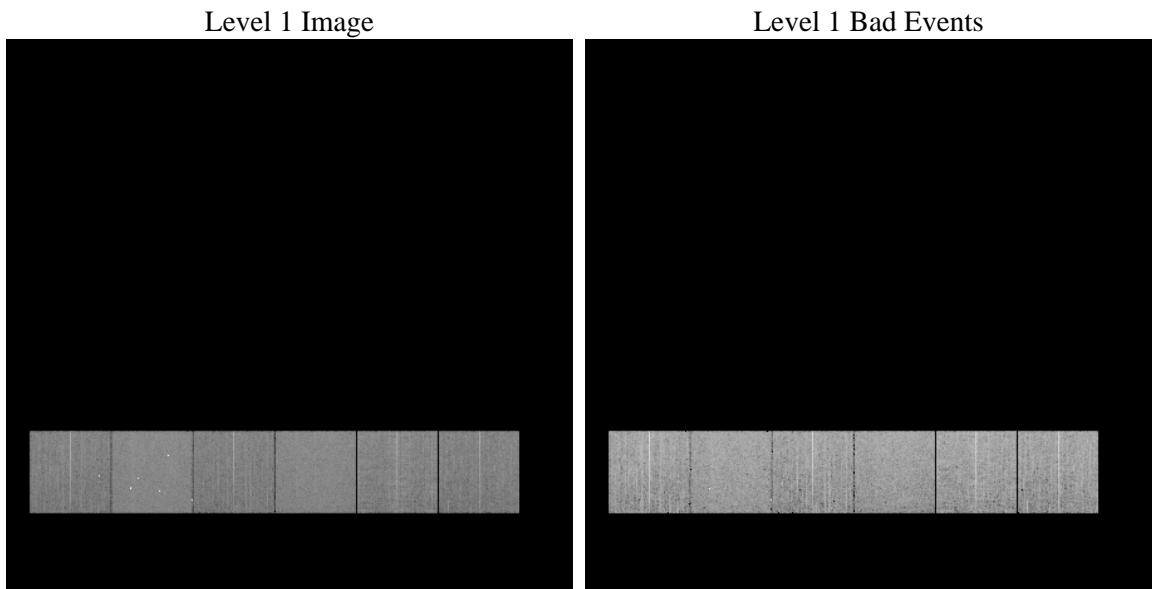
1 Front

seq_num	 	Sequence number
obs_id	55210	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	354.9706931927	Nominal RA [deg]
dec_nom	17.999314763316	Nominal Dec [deg]
roll_nom	150.91999817342	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8279.2996242046	Sum of GTIs [s]
livetime	8174.4621471672	Livetime [s]
ontime4	8279.4227442145	Sum of GTIs [s]
ontime5	8279.3406641483	Sum of GTIs [s]
ontime6	8279.3817042112	Sum of GTIs [s]
ontime7	8279.2996242046	Sum of GTIs [s]
ontime8	8281.5999692082	Sum of GTIs [s]
ontime9	8279.2585842013	Sum of GTIs [s]
l2events	329518	Number of level 2 events

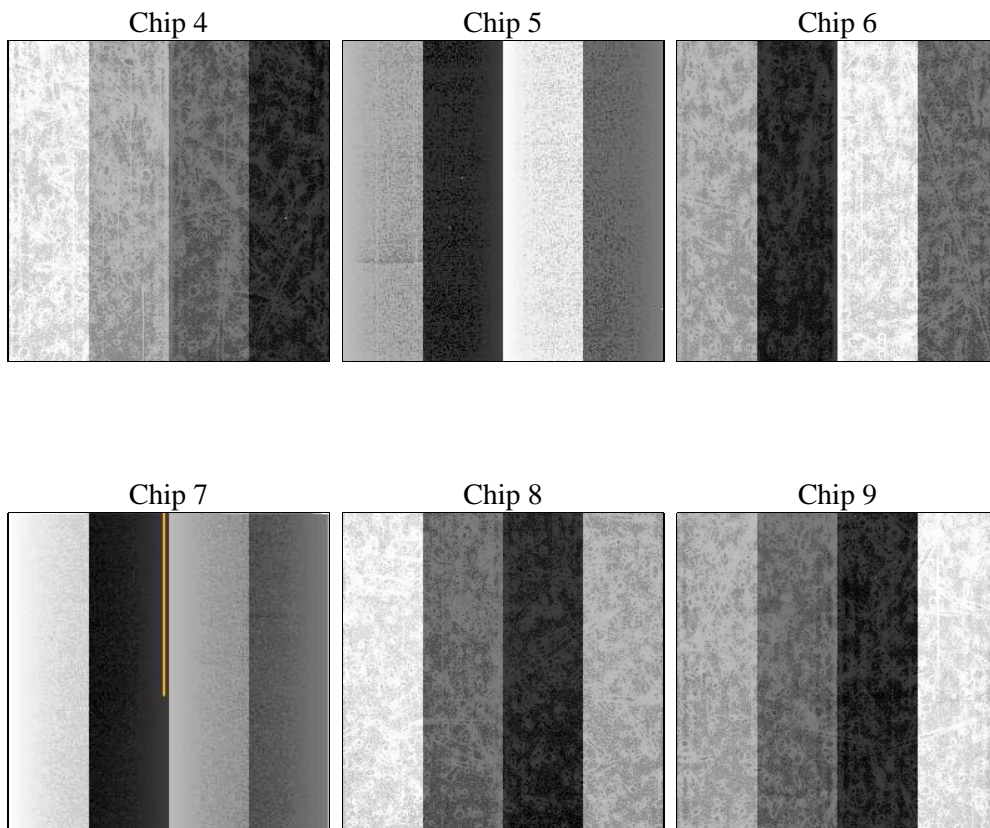
2 OBI

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	Processing system revision	ontime	8279.2996242046	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8279.4227442145	Sum of GTIs [s]
date	2012-02-22T07:20:31	Date and time of file creation	ontime5	8279.3406641483	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8279.3817042112	Sum of GTIs [s]
			ontime7	8279.2996242046	Sum of GTIs [s]
			ontime8	8281.5999692082	Sum of GTIs [s]
			ontime9	8279.2585842013	Sum of GTIs [s]
			l1events	748295	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	112592	150433	108903	137248	127453	111666	grade 0 events	27903	15385	24771	12807	28359	24972
rejected events	64407	62968	59955	59817	67271	64093		24%	10%	22%	9%	22%	22%
rejected %	57%	41%	55%	43%	52%	57%	grade 1 events	239	803	121	117	185	149
								0%	0%	0%	0%	0%	0%
							grade 2 events	7275	30197	9251	17034	11801	8410
								6%	20%	8%	12%	9%	7%
							grade 3 events	3424	3001	3242	6593	4601	3215
								3%	1%	2%	4%	3%	2%
							grade 4 events	3403	3016	3211	6479	4497	3246
								3%	2%	2%	4%	3%	2%
							grade 5 events	3696	7684	3628	9006	4879	4286
								3%	5%	3%	6%	3%	3%
							grade 6 events	6180	35866	8473	34518	10924	7730
								5%	23%	7%	25%	8%	6%
							grade 7 events	60472	54481	56206	50694	62207	59658
								53%	36%	51%	36%	48%	53%

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	354.9706931926954
[deg] Pointing Dec	0	17.99931476331635
[deg] Pointing Roll	0.0	150.9199981734226
[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)	431344082.13542	431344081.11041
Observation start date	2011-09-02T09:48:02	2011-09-02T09:48:01
[s] Observation end time (MET)	431364434.536489	431364433.51148
Observation end date	2011-09-02T15:27:15	2011-09-02T15:27:13
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2792996242046

A.2 Comments