

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55241 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 19 2012

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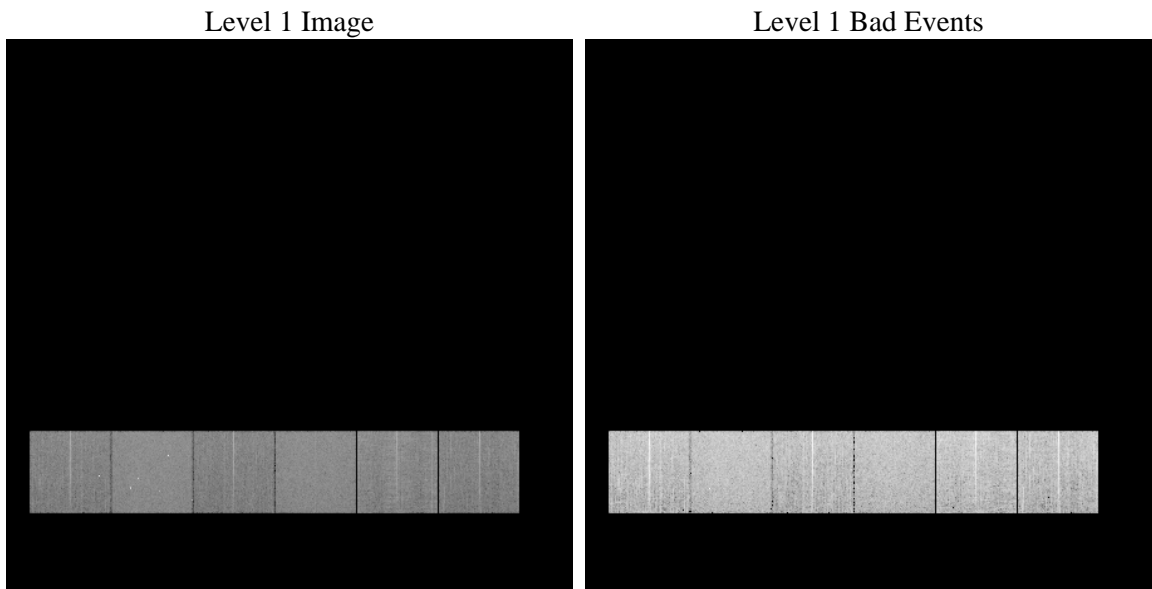
1 Front

seq_num	 	Sequence number
obs_id	55241	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	319.03597433435	Nominal RA [deg]
dec_nom	-40.991914291956	Nominal Dec [deg]
roll_nom	344.70841023183	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8282.4671047926	Sum of GTIs [s]
livetime	8177.5895192088	Livetime [s]
ontime4	8284.7999691963	Sum of GTIs [s]
ontime5	8282.5081447959	Sum of GTIs [s]
ontime6	8284.7999691963	Sum of GTIs [s]
ontime7	8282.4671047926	Sum of GTIs [s]
ontime8	8284.7999691963	Sum of GTIs [s]
ontime9	8282.4260648489	Sum of GTIs [s]
l2events	328073	Number of level 2 events

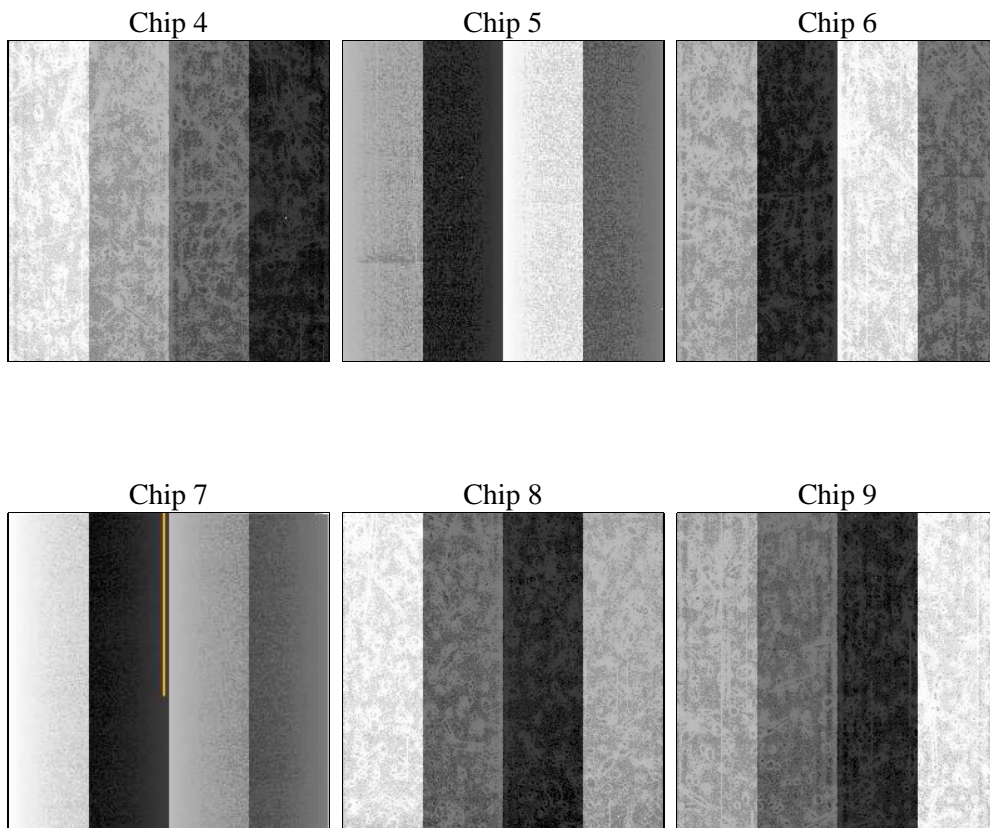
2 OBI

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	8282.4671047926	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8284.7999691963	Sum of GTIs [s]
date	2012-02-20T02:57:15	Date and time of file creation	ontime5	8282.5081447959	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8284.7999691963	Sum of GTIs [s]
			ontime7	8282.4671047926	Sum of GTIs [s]
			ontime8	8284.7999691963	Sum of GTIs [s]
			ontime9	8282.4260648489	Sum of GTIs [s]
			l1events	714365	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	107558	139549	103434	132726	125467	105631	grade 0 events	27993	11247	25471	12908	28760	25105
rejected events	58960	59638	54159	56763	65023	57735		26%	8%	24%	9%	22%	23%
rejected %	54%	42%	52%	42%	51%	54%	grade 1 events	242	160	127	108	178	164
								0%	0%	0%	0%	0%	0%
							grade 2 events	7774	27782	8945	16340	11532	8557
								7%	19%	8%	12%	9%	8%
							grade 3 events	3354	3436	3244	6774	4645	3315
								3%	2%	3%	5%	3%	3%
							grade 4 events	3197	3224	3249	6655	4473	3289
								2%	2%	3%	5%	3%	3%
							grade 5 events	3491	7599	3796	9018	4842	4041
								3%	5%	3%	6%	3%	3%
							grade 6 events	6280	34222	8366	33286	11034	7650
								5%	24%	8%	25%	8%	7%
							grade 7 events	55227	51879	50236	47637	60003	53510
								51%	37%	48%	35%	47%	50%

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	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	319.0359743343473	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-40.99191429195609	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	344.7084102318328	[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)	429973386.463542	429973385.43853			
Observation start date	2011-08-17T13:03:06	2011-08-17T13:03:05			
[s] Observation end time (MET)	430006356.615272	430006355.59026			
Observation end date	2011-08-17T22:12:37	2011-08-17T22:12:35			
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)	2012.02.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2824671047926

A.2 Comments