

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54438 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Aug 17 2012

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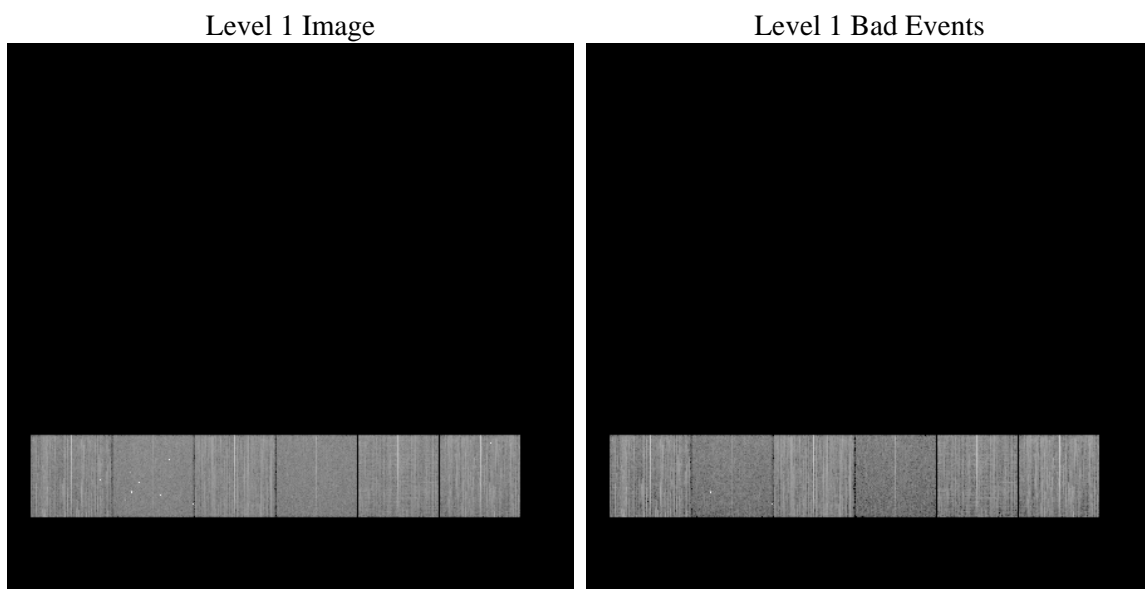
1 Front

seq_num	 	Sequence number
obs_id	54438	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	303.98077756409	Nominal RA [deg]
dec_nom	7.9785116248008	Nominal Dec [deg]
roll_nom	195.62037645672	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7112.5640178323	Sum of GTIs [s]
livetime	7022.5004495666	Livetime [s]
ontime4	7112.4408978224	Sum of GTIs [s]
ontime5	7112.522977829	Sum of GTIs [s]
ontime6	7112.4819378257	Sum of GTIs [s]
ontime7	7112.5640178323	Sum of GTIs [s]
ontime8	7112.3998578191	Sum of GTIs [s]
ontime9	7112.6050578356	Sum of GTIs [s]
l2events	233989	Number of level 2 events

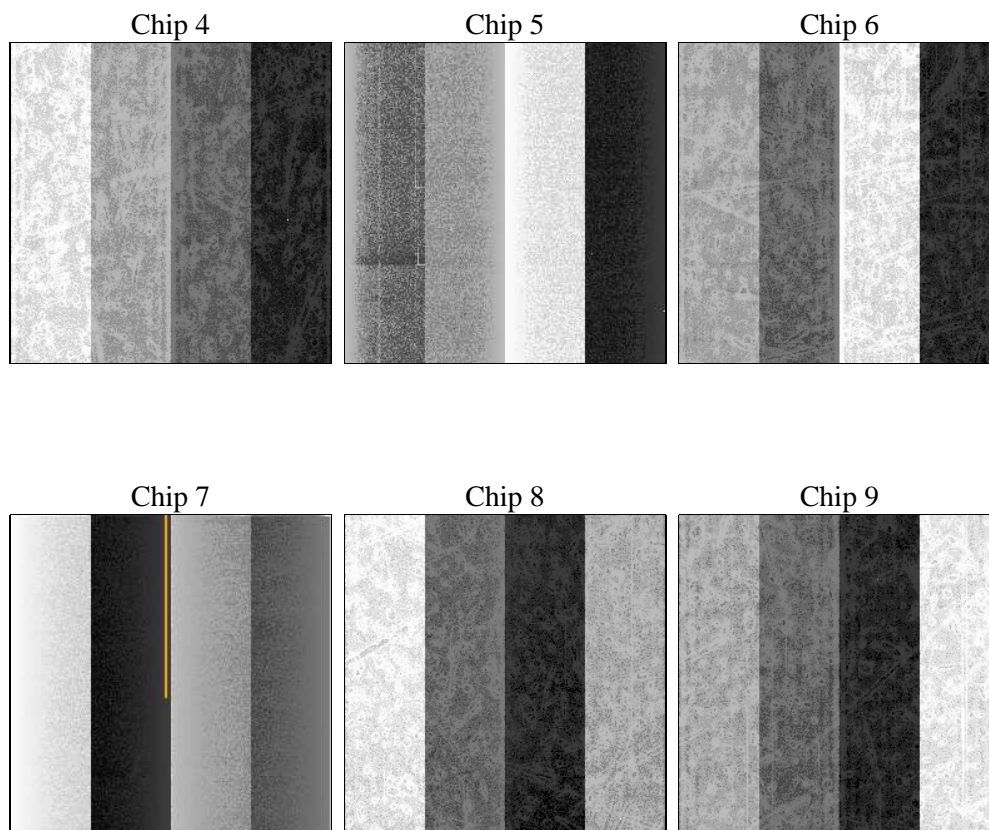
2 OBI

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	7112.5640178323	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	7112.4408978224	Sum of GTIs [s]
date	2012-08-17T15:23:44	Date and time of file creation	ontime5	7112.522977829	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7112.4819378257	Sum of GTIs [s]
			ontime7	7112.5640178323	Sum of GTIs [s]
			ontime8	7112.3998578191	Sum of GTIs [s]
			ontime9	7112.6050578356	Sum of GTIs [s]
			l1events	841883	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	142508	132060	155678	114252	144171	153214	grade 0 events	19827	11923	17219	8554	19408	19307
rejected events	107406	67070	121215	58857	101753	117612		13%	9%	11%	7%	13%	12%
rejected %	75%	50%	77%	51%	70%	76%	grade 1 events	139	251	84	62	78	114
								0%	0%	0%	0%	0%	0%
							grade 2 events	6239	22488	6844	13589	8566	6453
								4%	17%	4%	11%	5%	4%
							grade 3 events	2332	2416	2260	4599	3169	2214
								1%	1%	1%	4%	2%	1%
							grade 4 events	2183	2217	2222	4496	3084	2257
								1%	1%	1%	3%	2%	1%
							grade 5 events	2687	6188	2749	6500	3549	3108
								1%	4%	1%	5%	2%	2%
							grade 6 events	4534	25946	5918	24157	8209	5371
								3%	19%	3%	21%	5%	3%
							grade 7 events	104567	60631	118382	52295	98108	114390
								73%	45%	76%	45%	68%	74%

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	303.9807775640897	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	7.978511624800817	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	195.620376456717	[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)	460167931.119318	460167930.09432			
Observation start date	2012-08-01T00:25:31	2012-08-01T00:25:30			
[s] Observation end time (MET)	460176938.819799	460176937.7948			
Observation end date	2012-08-01T02:55:39	2012-08-01T02:55:37			
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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.1125640178323

A.2 Comments