

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55085 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 26 2012

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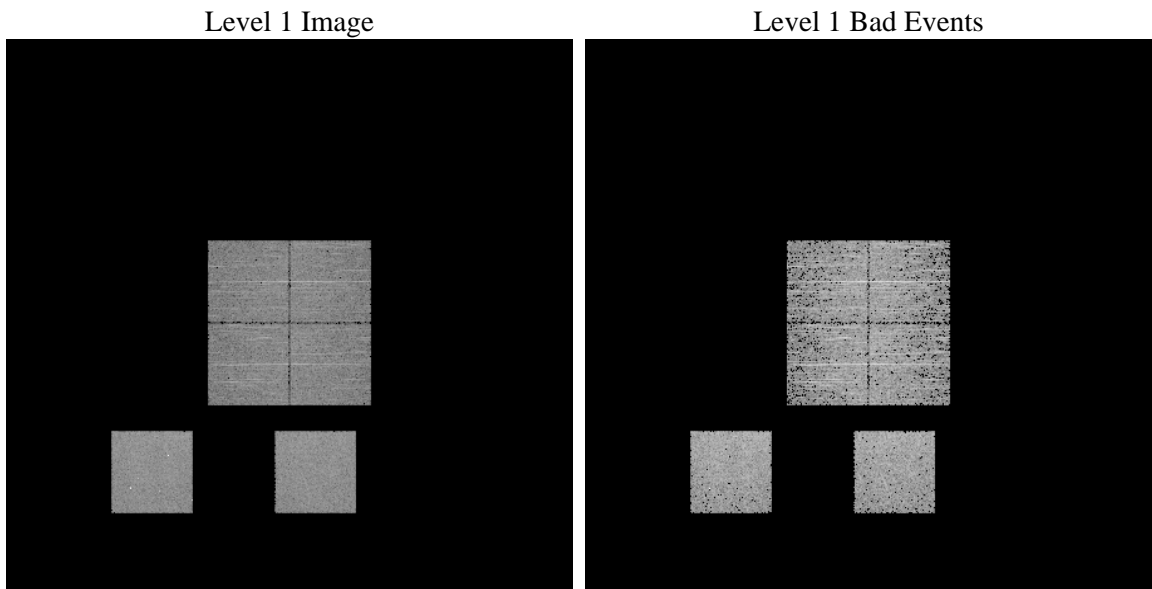
1 Front

seq_num	 	Sequence number
obs_id	55085	Observation id
title	ACIS-012357 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	15.000638505996	Nominal RA [deg]
dec_nom	-0.014943270653069	Nominal Dec [deg]
roll_nom	304.97665230043	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3289.5999878049	Sum of GTIs [s]
livetime	3247.945092	Livetime [s]
ontime0	3289.5999878049	Sum of GTIs [s]
ontime1	3289.5999878049	Sum of GTIs [s]
ontime2	3289.5999878049	Sum of GTIs [s]
ontime3	3289.5999878049	Sum of GTIs [s]
ontime5	3289.5999878049	Sum of GTIs [s]
ontime7	3289.5999878049	Sum of GTIs [s]
l2events	124663	Number of level 2 events

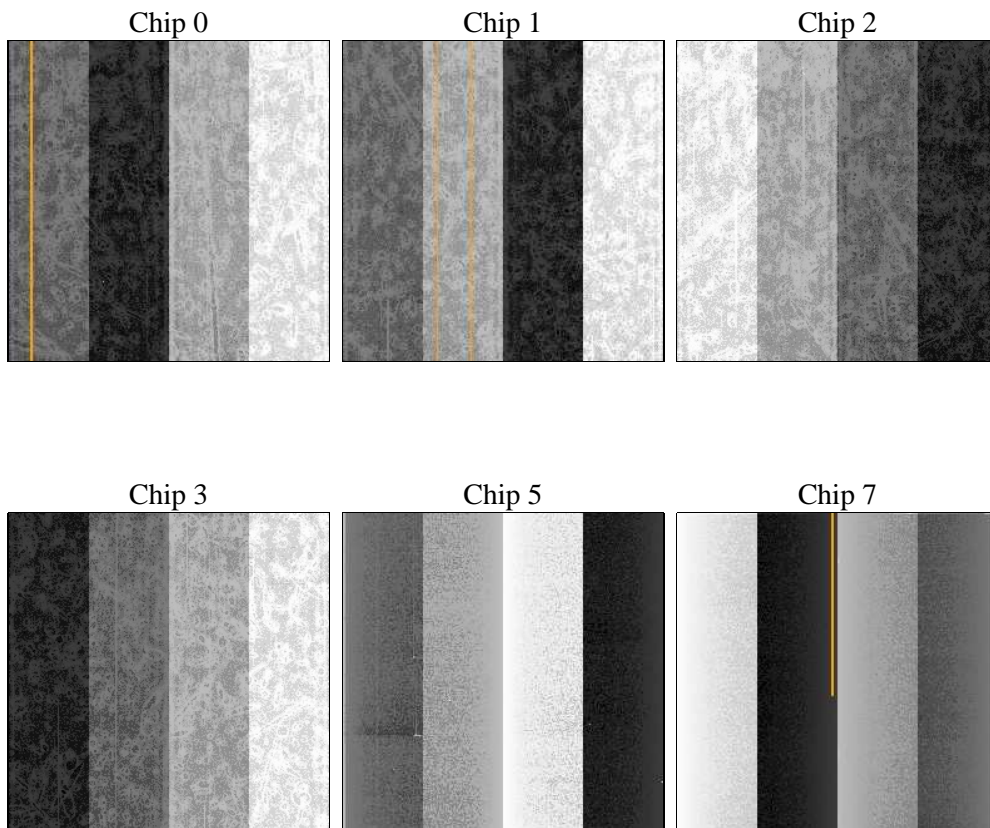
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	3289.5999878049	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	3289.5999878049	Sum of GTIs [s]
date	2012-02-26T05:17:50	Date and time of file creation	ontime1	3289.5999878049	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3289.5999878049	Sum of GTIs [s]
			ontime3	3289.5999878049	Sum of GTIs [s]
			ontime5	3289.5999878049	Sum of GTIs [s]
			ontime7	3289.5999878049	Sum of GTIs [s]
			l1events	257475	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	36888	38702	38769	38487	53781	50848	grade 0 events	9301	9283	9709	9589	4692	4935
rejected events	19164	20769	20552	20581	22430	21756		25%	23%	25%	24%	8%	9%
rejected %	51%	53%	53%	53%	41%	42%	grade 1 events	56	48	49	67	131	35
								0%	0%	0%	0%	0%	0%
							grade 2 events	3308	3435	3248	3207	10923	6206
								8%	8%	8%	8%	20%	12%
							grade 3 events	1194	1227	1274	1270	1354	2611
								3%	3%	3%	3%	2%	5%
							grade 4 events	1225	1217	1257	1186	1246	2704
								3%	3%	3%	3%	2%	5%
							grade 5 events	1347	1331	1282	1437	2947	3476
								3%	3%	3%	3%	5%	6%
							grade 6 events	2711	2790	2750	2675	13170	12664
								7%	7%	7%	6%	24%	24%
							grade 7 events	17746	19371	19200	19056	19318	18217
								48%	50%	49%	49%	35%	35%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	15.00063850599565	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-0.01494327065306888	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	304.97665230043	[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)	436603705.698744	436603704.67376			
Observation start date	2011-11-02T06:48:26	2011-11-02T06:48:24			
[s] Observation end time (MET)	436609693.749058	436609692.72407			
Observation end date	2011-11-02T08:28:14	2011-11-02T08:28:12			
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)	2012.02.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2895999878049

A.2 Comments