

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55161 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 23 2012

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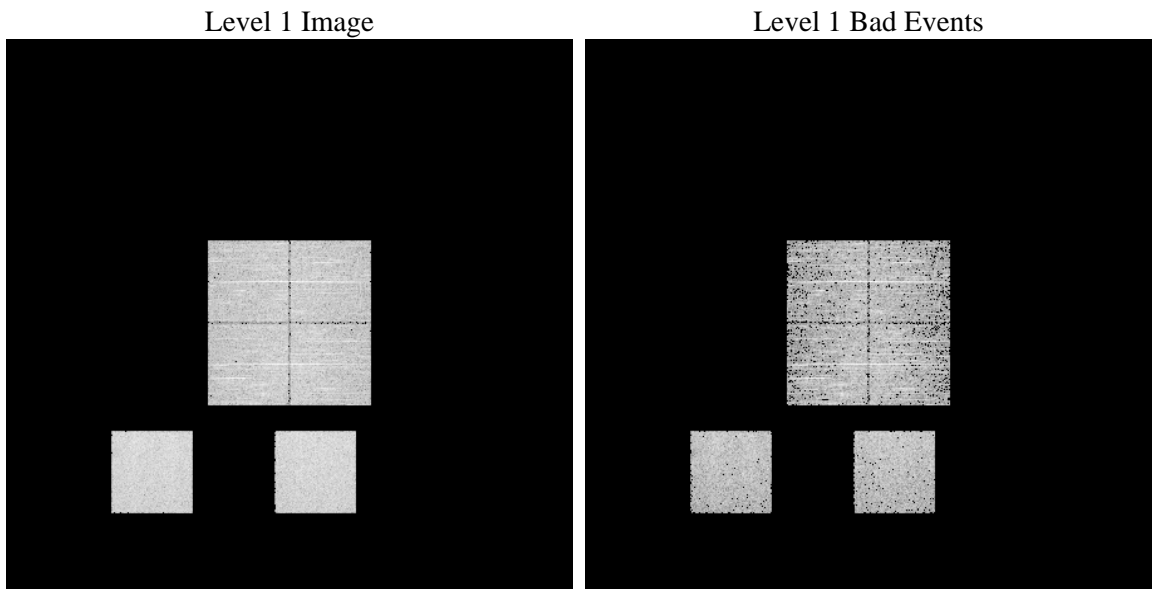
1 Front

seq_num	 	Sequence number
obs_id	55161	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	338.00565328031	Nominal RA [deg]
dec_nom	11.971912636314	Nominal Dec [deg]
roll_nom	248.09936625612	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3333.6669326425	Sum of GTIs [s]
livetime	3291.4540346481	Livetime [s]
ontime0	3333.6258926392	Sum of GTIs [s]
ontime1	3333.5848526359	Sum of GTIs [s]
ontime2	3333.5438126326	Sum of GTIs [s]
ontime3	3333.7079726458	Sum of GTIs [s]
ontime5	3333.5027726293	Sum of GTIs [s]
ontime7	3333.6669326425	Sum of GTIs [s]
l2events	127085	Number of level 2 events

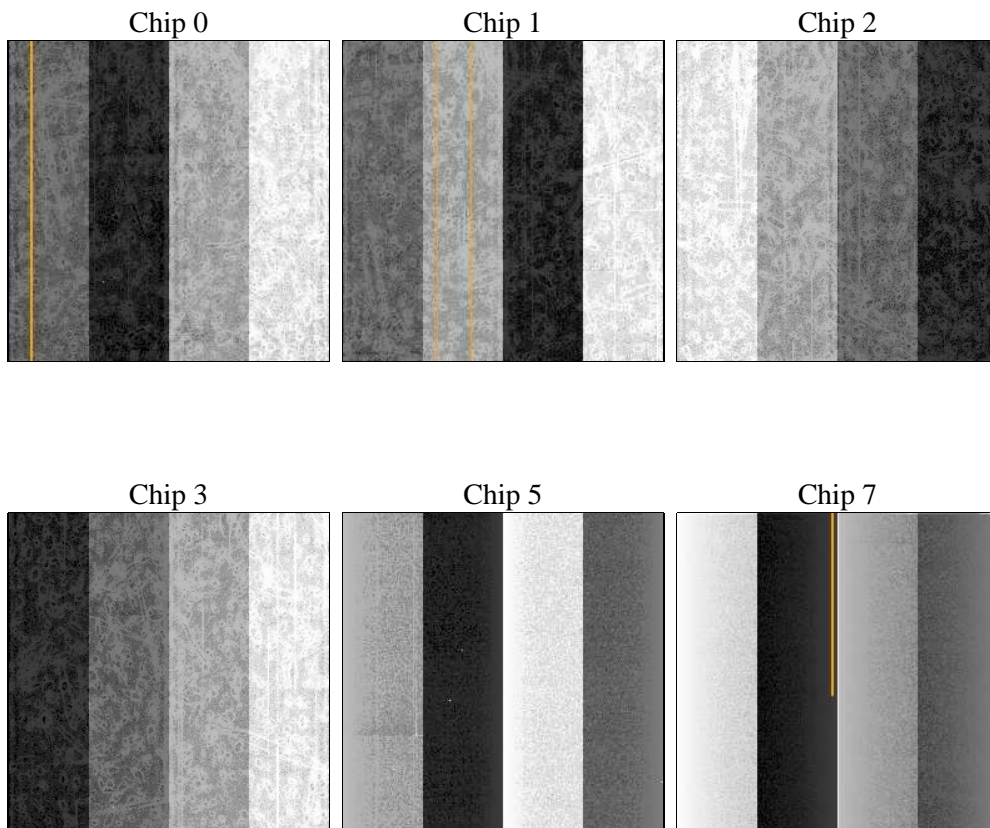
2 OBI

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	3333.6669326425	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	3333.6258926392	Sum of GTIs [s]
date	2012-02-23T16:42:04	Date and time of file creation	ontime1	3333.5848526359	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3333.5438126326	Sum of GTIs [s]
			ontime3	3333.7079726458	Sum of GTIs [s]
			ontime5	3333.5027726293	Sum of GTIs [s]
			ontime7	3333.6669326425	Sum of GTIs [s]
			l1events	260953	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	37879	37875	40021	40113	52780	52285	grade 0 events	9667	9269	10021	9906	2827	4748
rejected events	19443	19576	21431	21725	23029	22718		25%	24%	25%	24%	5%	9%
rejected %	51%	51%	53%	54%	43%	43%	grade 1 events	69	43	67	78	57	42
								0%	0%	0%	0%	0%	0%
							grade 2 events	3439	3671	3300	3277	11187	6495
								9%	9%	8%	8%	21%	12%
							grade 3 events	1287	1253	1201	1280	1004	2509
								3%	3%	3%	3%	1%	4%
							grade 4 events	1177	1172	1317	1250	968	2462
								3%	3%	3%	3%	1%	4%
							grade 5 events	1261	1196	1269	1383	2658	3369
								3%	3%	3%	3%	5%	6%
							grade 6 events	2866	2934	2751	2675	13765	13353
								7%	7%	6%	6%	26%	25%
							grade 7 events	18113	18337	20095	20264	20314	19307
								47%	48%	50%	50%	38%	36%

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	338.0056532803113	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	11.97191263631409	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	248.0993662561175	[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)	433434239.69503	433434238.67002			
Observation start date	2011-09-26T14:24:00	2011-09-26T14:23:58			
[s] Observation end time (MET)	433439467.195304	433439466.17029			
Observation end date	2011-09-26T15:51:07	2011-09-26T15:51:06			
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)	2012.02.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.3336669326425

A.2 Comments