

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56487 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 10 2012

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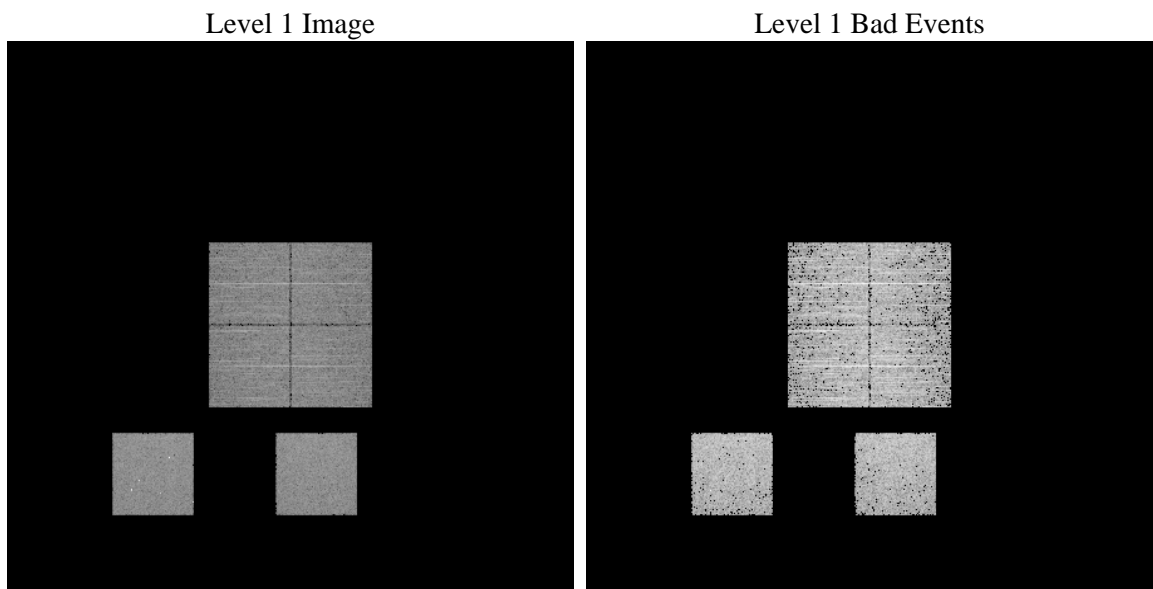
1 Front

seq_num	 	Sequence number
obs_id	56487	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	129.96518131915	Nominal RA [deg]
dec_nom	43.986118013832	Nominal Dec [deg]
roll_nom	175.91126176581	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2374.3999912143	Sum of GTIs [s]
livetime	2344.3339088335	Livetime [s]
ontime0	2374.3999912143	Sum of GTIs [s]
ontime1	2374.3999912143	Sum of GTIs [s]
ontime2	2374.3999912143	Sum of GTIs [s]
ontime3	2374.3999912143	Sum of GTIs [s]
ontime5	2374.3999912143	Sum of GTIs [s]
ontime7	2374.3999912143	Sum of GTIs [s]
l2events	133428	Number of level 2 events

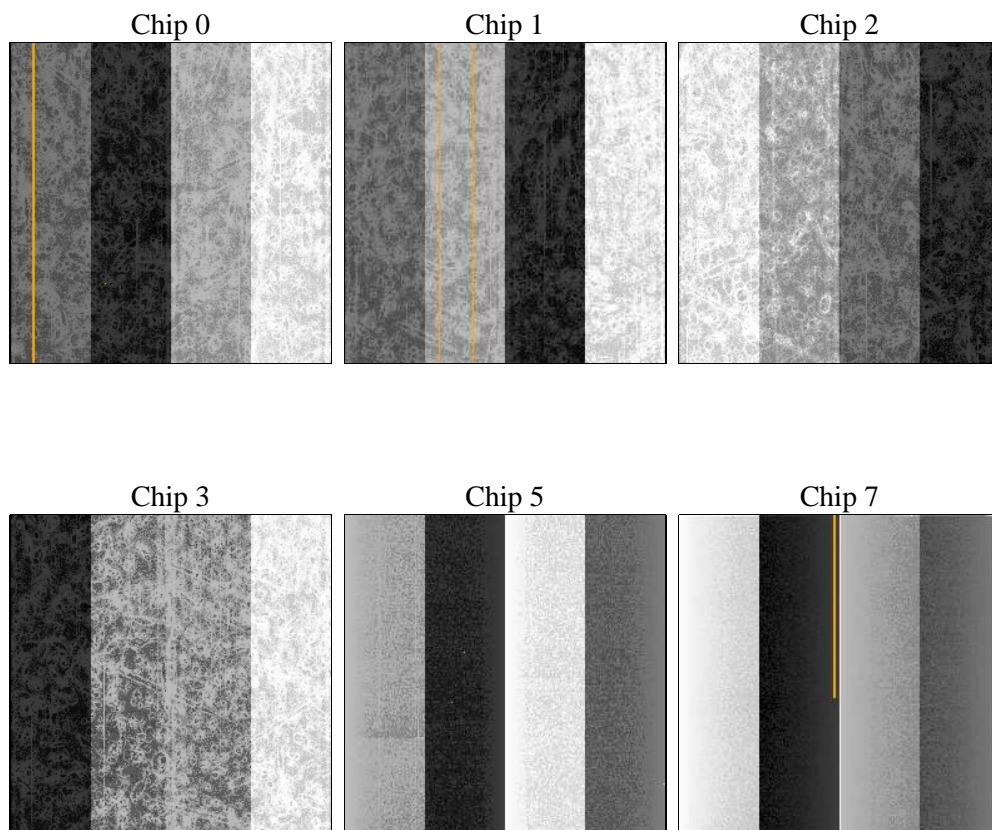
2 OBI

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	2374.3999912143	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	2374.3999912143	Sum of GTIs [s]
date	2012-07-10T21:17:48	Date and time of file creation	ontime1	2374.3999912143	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	2374.3999912143	Sum of GTIs [s]
			ontime3	2374.3999912143	Sum of GTIs [s]
			ontime5	2374.3999912143	Sum of GTIs [s]
			ontime7	2374.3999912143	Sum of GTIs [s]
			l1events	271281	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	41526	39646	42189	41850	53974	52096	grade 0 events	10398	10303	10526	10769	5070	5276
rejected events	21844	19776	22879	22048	21336	21423		25%	25%	24%	25%	9%	10%
rejected %	52%	49%	54%	52%	39%	41%	grade 1 events	78	66	83	88	85	55
								0%	0%	0%	0%	0%	0%
							grade 2 events	3546	3793	3375	3473	11453	6829
								8%	9%	7%	8%	21%	13%
							grade 3 events	1389	1362	1306	1375	1362	2852
								3%	3%	3%	3%	2%	5%
							grade 4 events	1335	1359	1312	1302	1427	2802
								3%	3%	3%	3%	2%	5%
							grade 5 events	1227	1212	1135	1320	2743	3354
								2%	3%	2%	3%	5%	6%
							grade 6 events	3036	3066	2816	2907	13367	12955
								7%	7%	6%	6%	24%	24%
							grade 7 events	20517	18485	21636	20616	18467	17973
								49%	46%	51%	49%	34%	34%

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	129.965181319153	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	43.98611801383241	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	175.9112617658083	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	380847329.858289	380847328.83328			
Observation start date	2010-01-25T22:55:30	2010-01-25T22:55:28			
[s] Observation end time (MET)	380853869.35862	380853868.33362			
Observation end date	2010-01-26T00:44:29	2010-01-26T00:44:28			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.3743999912143

A.2 Comments