

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56007 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 3 2012

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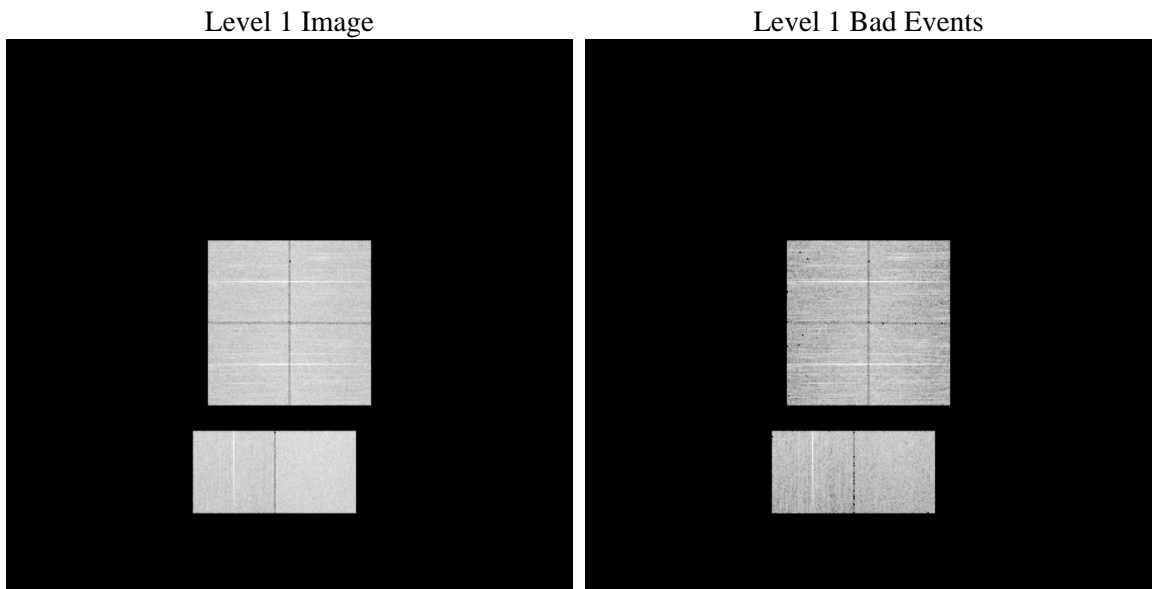
1 Front

seq_num	 	Sequence number
obs_id	56007	Observation id
title	ACIS-012367 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	340.20684228566	Nominal RA [deg]
dec_nom	9.9720490740542	Nominal Dec [deg]
roll_nom	250.70172940412	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8287.1395355463	Sum of GTIs [s]
livetime	8182.2027848309	Livetime [s]
ontime0	8287.098495543	Sum of GTIs [s]
ontime1	8287.0574555397	Sum of GTIs [s]
ontime2	8287.0164155364	Sum of GTIs [s]
ontime3	8287.1805755496	Sum of GTIs [s]
ontime6	8286.9753755331	Sum of GTIs [s]
ontime7	8287.1395355463	Sum of GTIs [s]
l2events	363340	Number of level 2 events

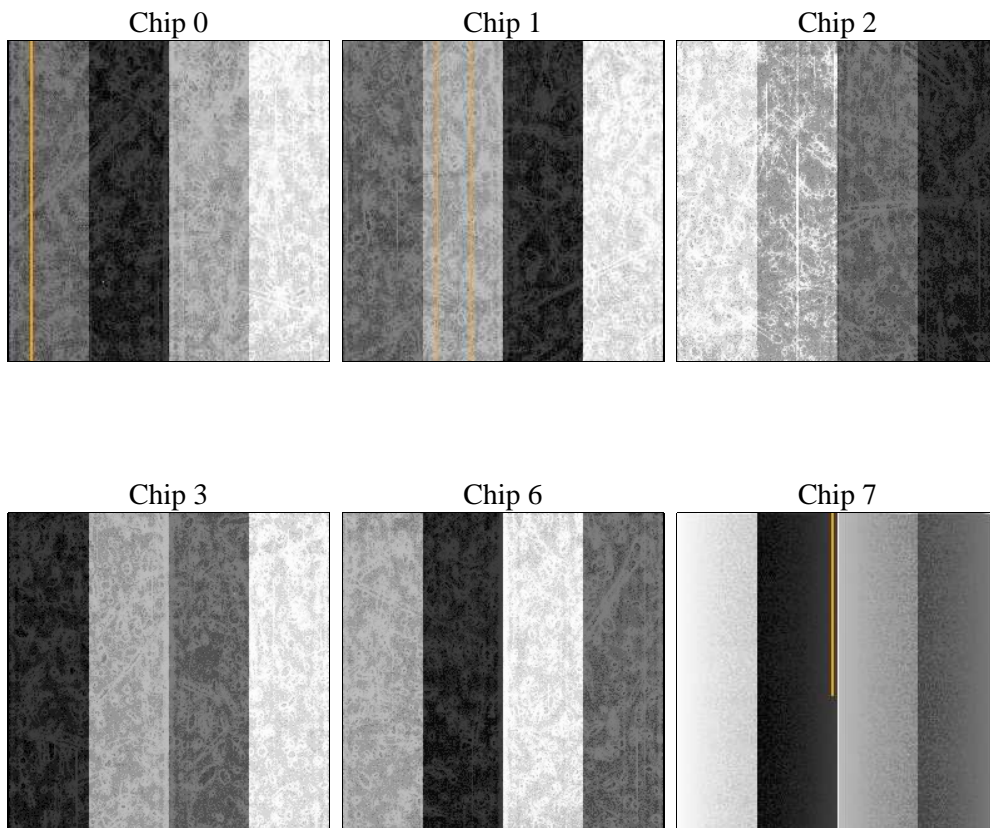
2 OBI

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	8287.1395355463	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8287.098495543	Sum of GTIs [s]
date	2012-07-04T02:18:55	Date and time of file creation	ontime1	8287.0574555397	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8287.0164155364	Sum of GTIs [s]
			ontime3	8287.1805755496	Sum of GTIs [s]
			ontime6	8286.9753755331	Sum of GTIs [s]
			ontime7	8287.1395355463	Sum of GTIs [s]
			l1events	757522	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	118114	118961	119367	123310	122640	155130	grade 0 events	30565	30004	31168	31477	31214	15815
rejected events	59837	60791	61432	64811	62317	64037		25%	25%	26%	25%	25%	10%
rejected %	50%	51%	51%	52%	50%	41%	grade 1 events	242	187	202	198	174	160
								0%	0%	0%	0%	0%	0%
							grade 2 events	10780	11237	10372	10380	10916	19482
								9%	9%	8%	8%	8%	12%
							grade 3 events	3943	3875	3941	3932	4036	8415
								3%	3%	3%	3%	3%	5%
							grade 4 events	3896	3904	4015	4063	3944	8199
								3%	3%	3%	3%	3%	5%
							grade 5 events	3661	3821	3341	4088	3900	10234
								3%	3%	2%	3%	3%	6%
							grade 6 events	9093	9150	8439	8647	10213	39182
								7%	7%	7%	7%	8%	25%
							grade 7 events	55934	56783	57889	60525	58243	53643
								47%	47%	48%	49%	47%	34%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	340.2068422856631
[deg] Pointing Dec	0	9.972049074054205
[deg] Pointing Roll	0.0	250.7017294041187
[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)	401906281.881489	401906280.8565
Observation start date	2010-09-26T16:38:02	2010-09-26T16:38:00
[s] Observation end time (MET)	401917597.88207	401917596.85708
Observation end date	2010-09-26T19:46:38	2010-09-26T19:46:36
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2871395355463

A.2 Comments