

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56402 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 22 2012

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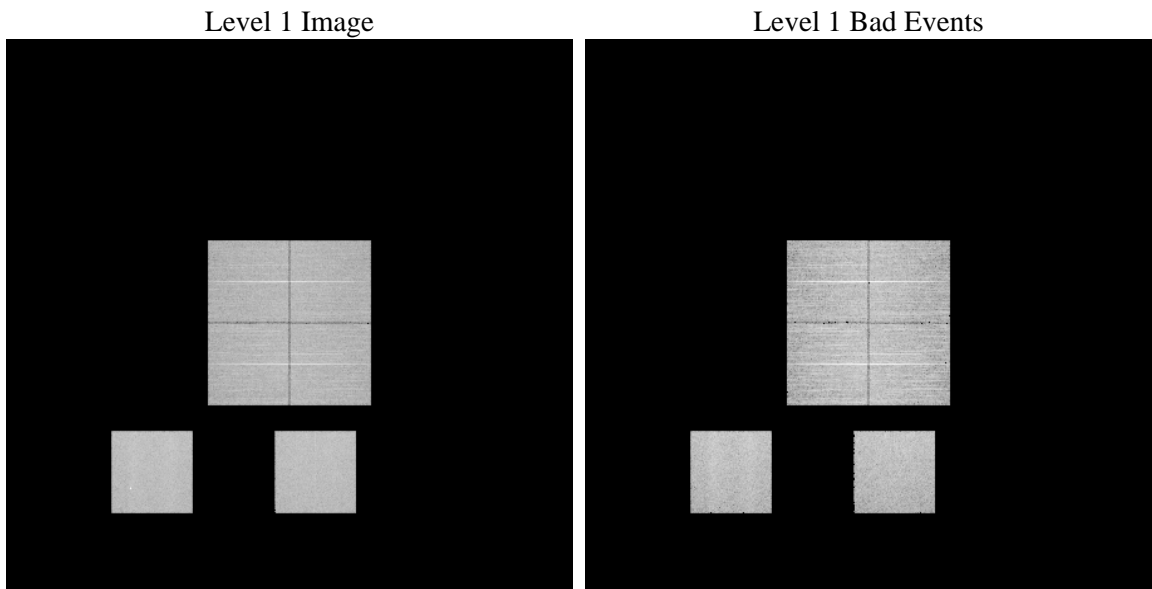
1 Front

seq_num	 	Sequence number
obs_id	56402	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	184.96841005495	Nominal RA [deg]
dec_nom	25.002441085704	Nominal Dec [deg]
roll_nom	142.18445057885	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7996.7999702692	Sum of GTIs [s]
livetime	7895.5396739508	Livetime [s]
ontime0	7996.7999702692	Sum of GTIs [s]
ontime1	7996.7999702692	Sum of GTIs [s]
ontime2	7996.7999702692	Sum of GTIs [s]
ontime3	7996.7999702692	Sum of GTIs [s]
ontime5	7996.7999702692	Sum of GTIs [s]
ontime7	7996.7999702692	Sum of GTIs [s]
l2events	424779	Number of level 2 events

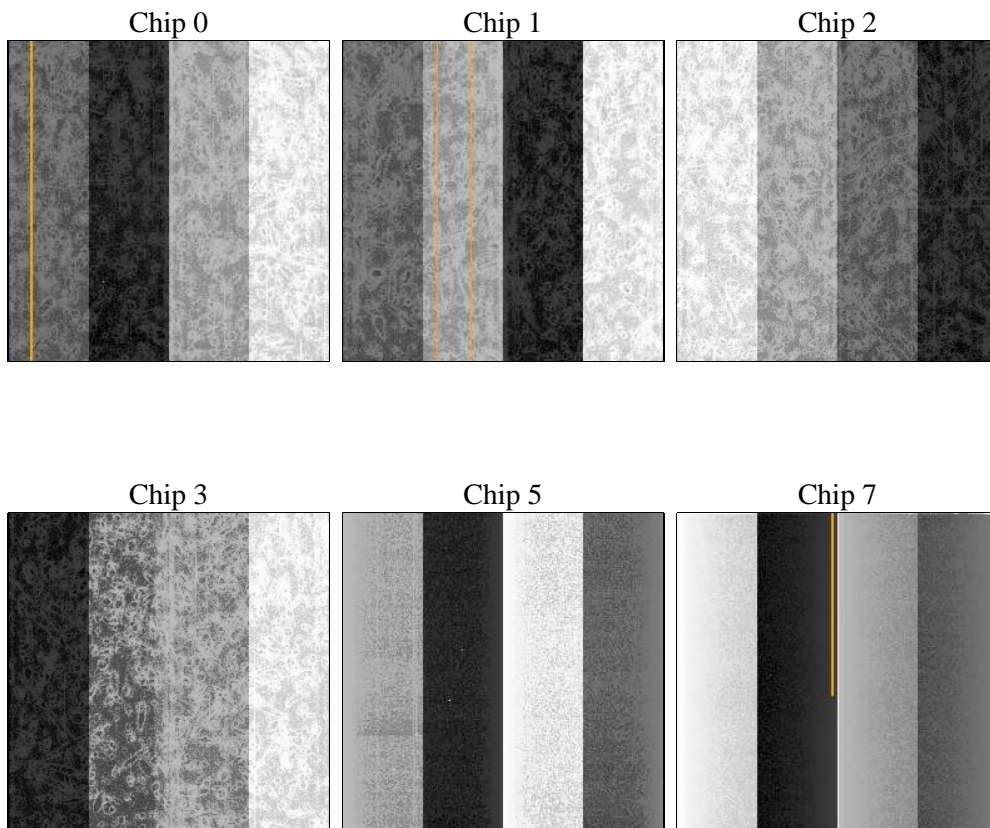
2 OBI

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	7996.7999702692	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	7996.7999702692	Sum of GTIs [s]
date	2012-06-22T16:32:22	Date and time of file creation	ontime1	7996.7999702692	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7996.7999702692	Sum of GTIs [s]
			ontime3	7996.7999702692	Sum of GTIs [s]
			ontime5	7996.7999702692	Sum of GTIs [s]
			ontime7	7996.7999702692	Sum of GTIs [s]
			l1events	866591	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	129866	129174	136565	137061	169273	164652	grade 0 events	32855	31082	33902	34216	10174	16756
rejected events	67689	66817	74206	74182	71027	66815		25%	24%	24%	24%	6%	10%
rejected %	52%	51%	54%	54%	41%	40%	grade 1 events	229	169	245	267	199	107
								0%	0%	0%	0%	0%	0%
							grade 2 events	11430	13192	10801	10939	36806	21694
								8%	10%	7%	7%	21%	13%
							grade 3 events	4236	4031	4230	4295	3689	8510
								3%	3%	3%	3%	2%	5%
							grade 4 events	4066	4012	4269	4252	3624	8310
								3%	3%	3%	3%	2%	5%
							grade 5 events	3718	3753	3515	4084	8135	10031
								2%	2%	2%	2%	4%	6%
							grade 6 events	9590	10040	9157	9177	43953	42567
								7%	7%	6%	6%	25%	25%
							grade 7 events	63742	62895	70446	69831	62693	56677
								49%	48%	51%	50%	37%	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	184.9684100549474	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	25.00244108570386	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	142.184450578847	[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)	384543830.595646	384543829.57066			
Observation start date	2010-03-09T17:43:51	2010-03-09T17:43:49			
[s] Observation end time (MET)	384553551.696139	384553550.67115			
Observation end date	2010-03-09T20:25:52	2010-03-09T20:25:50			
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)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.9967999702692

A.2 Comments