

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56685 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 16 2012

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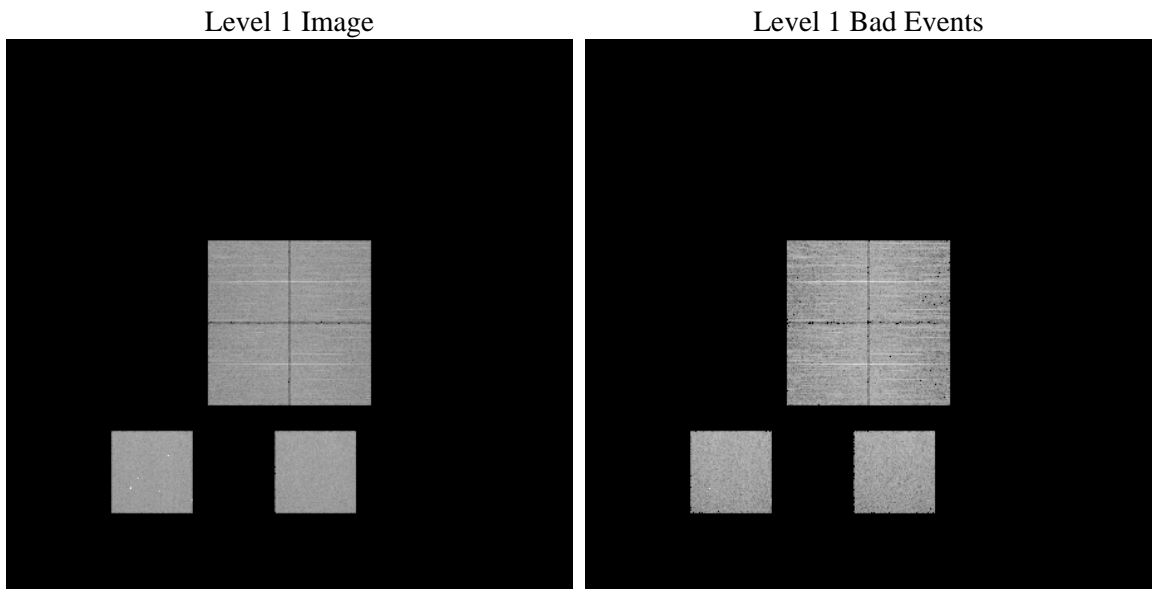
1 Front

seq_num	 	Sequence number
obs_id	56685	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	55.96675368311	Nominal RA [deg]
dec_nom	30.49921419812	Nominal Dec [deg]
roll_nom	148.63429213178	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4883.1999818683	Sum of GTIs [s]
livetime	4821.3659633878	Livetime [s]
ontime0	4883.1999818683	Sum of GTIs [s]
ontime1	4883.1999818683	Sum of GTIs [s]
ontime2	4883.1999818683	Sum of GTIs [s]
ontime3	4883.1999818683	Sum of GTIs [s]
ontime5	4883.1999818683	Sum of GTIs [s]
ontime7	4883.1999818683	Sum of GTIs [s]
l2events	311161	Number of level 2 events

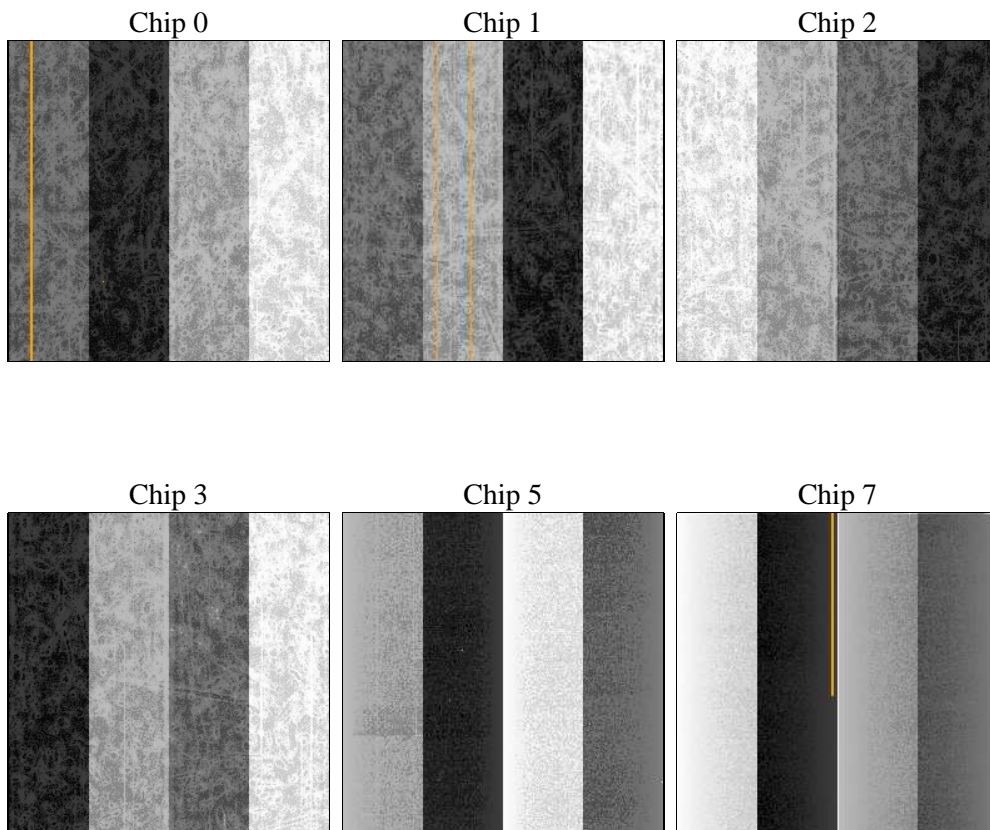
2 OBI

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	4883.1999818683	Sum of GTIs [s]
caldbver	4.4.10	 	ontime0	4883.1999818683	Sum of GTIs [s]
date	2012-06-16T16:24:45	Date and time of file creation	ontime1	4883.1999818683	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4883.1999818683	Sum of GTIs [s]
			ontime3	4883.1999818683	Sum of GTIs [s]
			ontime5	4883.1999818683	Sum of GTIs [s]
			ontime7	4883.1999818683	Sum of GTIs [s]
			l1events	599707	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	91782	93525	92162	93886	115740	112612	grade 0 events	24691	24218	24847	25210	10589	12927
rejected events	44846	46453	46214	46625	44550	42772		26%	25%	26%	26%	9%	11%
rejected %	48%	49%	50%	49%	38%	37%	grade 1 events	211	159	183	211	157	90
								0%	0%	0%	0%	0%	0%
							grade 2 events	8527	8904	7832	8304	25691	15158
								9%	9%	8%	8%	22%	13%
							grade 3 events	3168	3093	3083	3325	3043	6402
								3%	3%	3%	3%	2%	5%
							grade 4 events	3019	3148	3206	3210	3012	6285
								3%	3%	3%	3%	2%	5%
							grade 5 events	2509	2586	2323	2799	5946	7044
								2%	2%	2%	2%	5%	6%
							grade 6 events	7531	7709	6980	7212	28855	29068
								8%	8%	7%	7%	24%	25%
							grade 7 events	42126	43708	43708	43615	38447	35638
								45%	46%	47%	46%	33%	31%

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	55.96675368310989	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	30.49921419811974	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	148.6342921317797	[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)	374453369.285289	374453368.26029			
Observation start date	2009-11-12T22:49:29	2009-11-12T22:49:28			
[s] Observation end time (MET)	374463365.085793	374463364.06079			
Observation end date	2009-11-13T01:36:05	2009-11-13T01:36:04			
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)	2012.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.8831999818683

A.2 Comments