

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58305 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 28 2012

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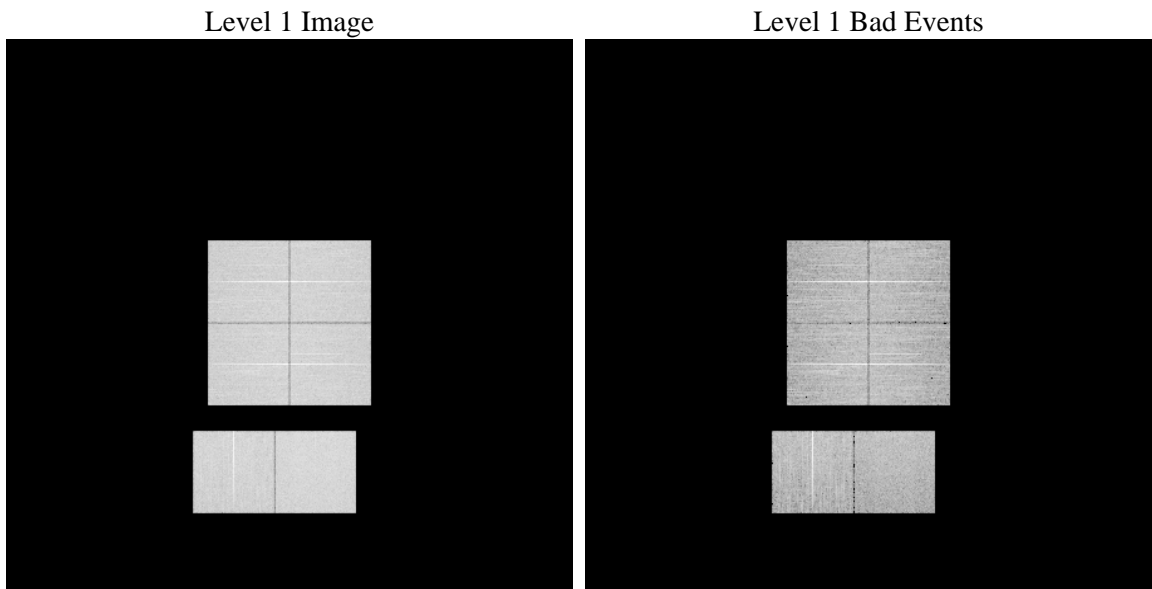
1 Front

seq_num	 	Sequence number
obs_id	58305	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	309.96975936387	Nominal RA [deg]
dec_nom	7.7855953530462	Nominal Dec [deg]
roll_nom	165.87079492877	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8245.448084414	Sum of GTIs [s]
livetime	8141.0392559564	Livetime [s]
ontime0	8245.4070444107	Sum of GTIs [s]
ontime1	8245.3660044074	Sum of GTIs [s]
ontime2	8245.3249644041	Sum of GTIs [s]
ontime3	8245.4891244173	Sum of GTIs [s]
ontime6	8245.2839244008	Sum of GTIs [s]
ontime7	8245.448084414	Sum of GTIs [s]
l2events	713900	Number of level 2 events

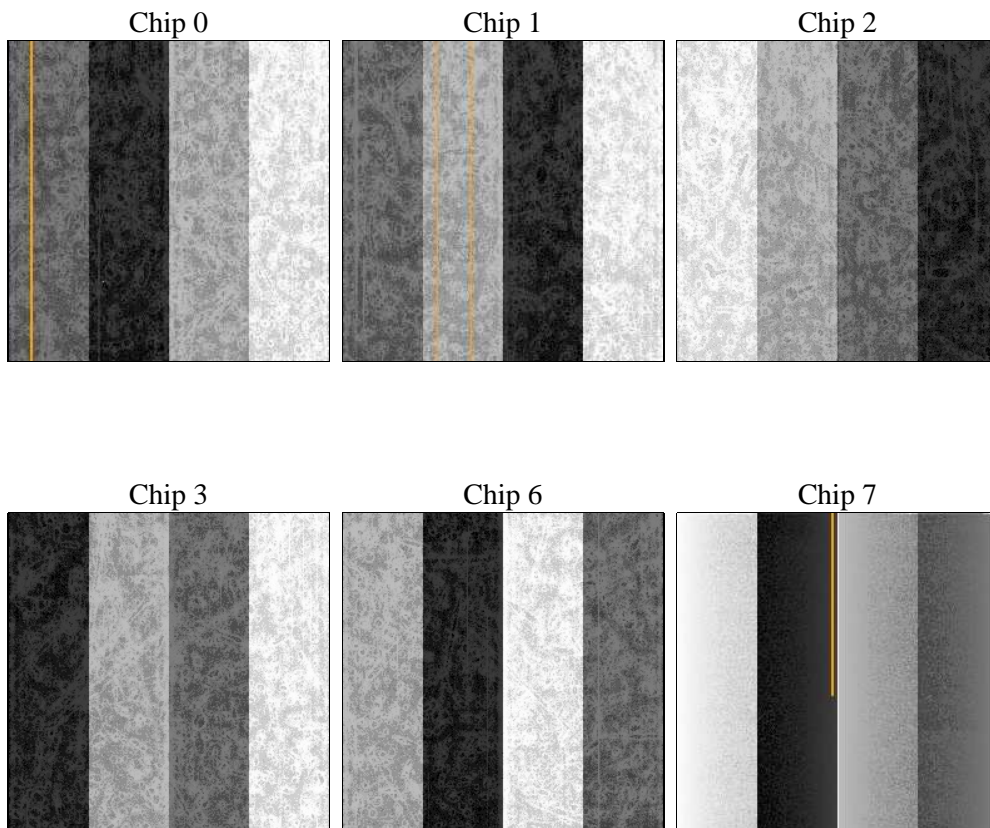
2 OBI

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	8.4.4	Processing system revision	ontime	8245.448084414	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8245.4070444107	Sum of GTIs [s]
date	2012-04-28T16:02:46	Date and time of file creation	ontime1	8245.3660044074	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8245.3249644041	Sum of GTIs [s]
			ontime3	8245.4891244173	Sum of GTIs [s]
			ontime6	8245.2839244008	Sum of GTIs [s]
			ontime7	8245.448084414	Sum of GTIs [s]
			l1events	1187767	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	189390	189922	194804	195411	199597	218643	grade 0 events	64866	63692	65917	66803	65577	31368
rejected events	70448	70772	76609	75342	76199	65876		34%	33%	33%	34%	32%	14%
rejected %	37%	37%	39%	38%	38%	30%	grade 1 events	413	377	537	463	398	155
								0%	0%	0%	0%	0%	0%
							grade 2 events	20923	21988	19841	20556	21832	33517
								11%	11%	10%	10%	10%	15%
							grade 3 events	7860	7744	7882	8145	7835	14344
								4%	4%	4%	4%	3%	6%
							grade 4 events	7815	7653	8004	7953	7652	14326
								4%	4%	4%	4%	3%	6%
							grade 5 events	3818	4041	3693	4336	4304	10453
								2%	2%	1%	2%	2%	4%
							grade 6 events	17865	18488	16990	17025	20930	59785
								9%	9%	8%	8%	10%	27%
							grade 7 events	65830	65939	71940	70130	71069	54695
								34%	34%	36%	35%	35%	25%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	309.9697593638656	Alternating exposures requested	N	N
[deg] Pointing Dec	0	7.785595353046165	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	165.8707949287712			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	301612130.944505	301612129.91951			
Observation start date	2007-07-23T21:08:51	2007-07-23T21:08:49			
[s] Observation end time (MET)	301625312.445137	301625311.42014			
Observation end date	2007-07-24T00:48:32	2007-07-24T00:48:31			
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)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.245448084414

A.2 Comments