

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 62815 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 4 2012

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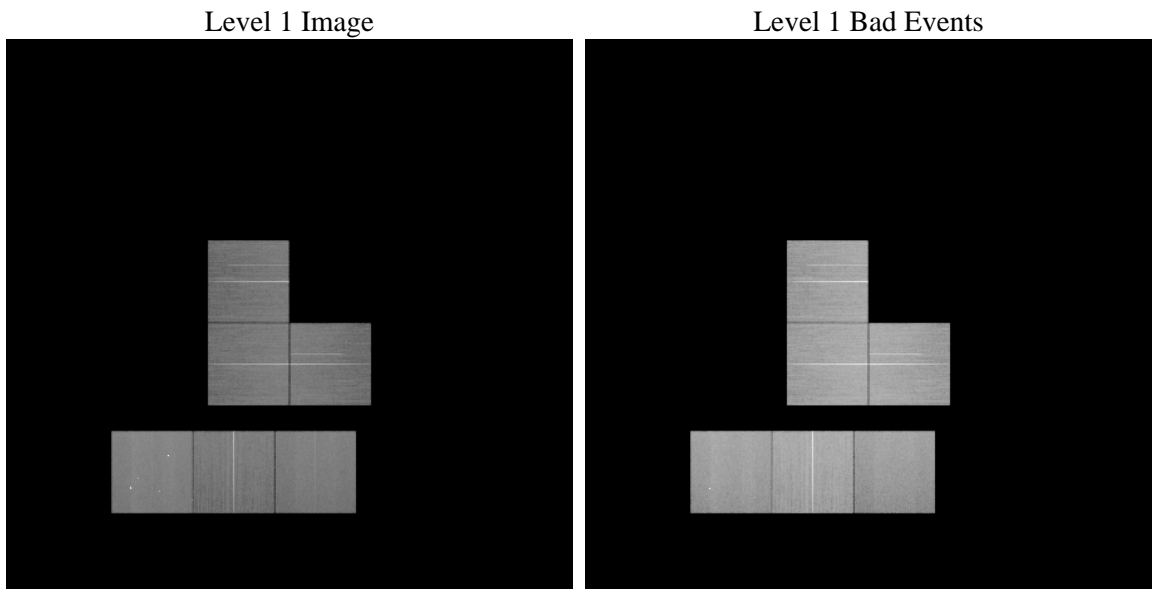
1 Front

seq_num	 	Sequence number
obs_id	62815	Observation id
title	ACIS-023567 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	193.00897983045	Nominal RA [deg]
dec_nom	27.120724795303	Nominal Dec [deg]
roll_nom	36.931318594348	Nominal Roll [deg]
revision	2	Processing version of data
ontime	47048.901766539	Sum of GTIs [s]
livetime	46453.140242923	Livetime [s]
ontime0	47045.496576309	Sum of GTIs [s]
ontime2	47042.296695828	Sum of GTIs [s]
ontime3	47032.614864826	Sum of GTIs [s]
ontime5	47058.583597422	Sum of GTIs [s]
ontime6	47032.73786515	Sum of GTIs [s]
ontime7	47048.901766539	Sum of GTIs [s]
l2events	559155	Number of level 2 events

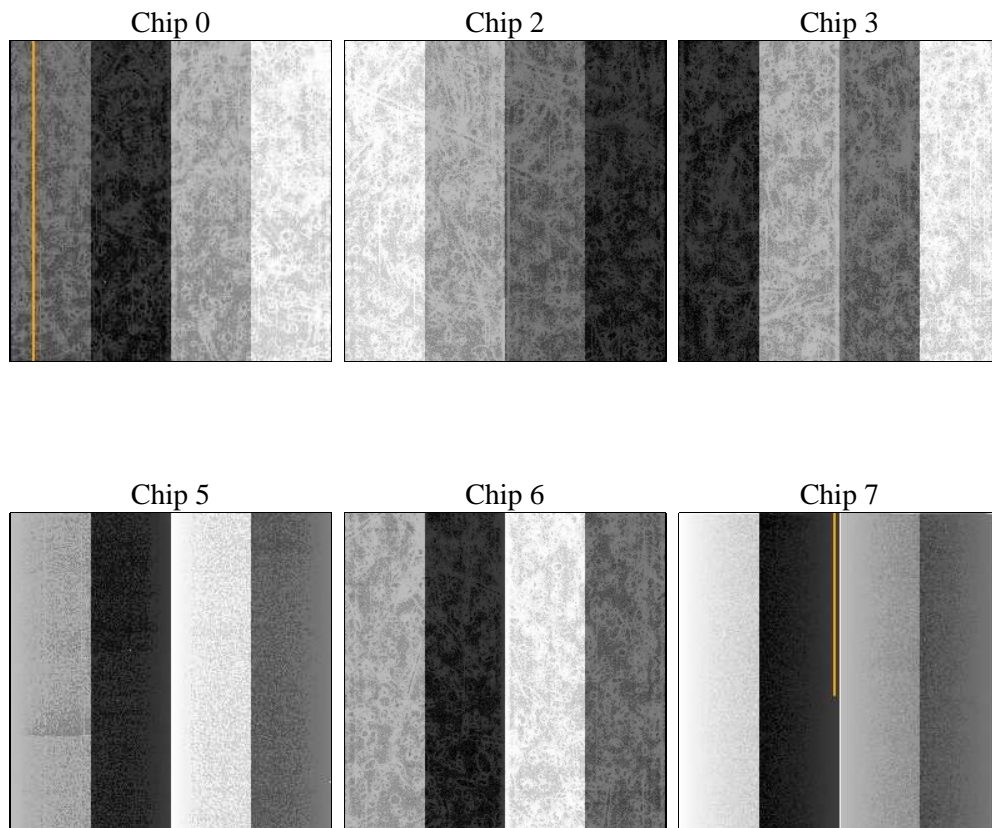
2 OBI

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	47048.901766539	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	47045.496576309	Sum of GTIs [s]
date	2012-05-04T04:08:58	Date and time of file creation	ontime2	47042.296695828	Sum of GTIs [s]
revision	2	Processing version of data	ontime3	47032.614864826	Sum of GTIs [s]
			ontime5	47058.583597422	Sum of GTIs [s]
			ontime6	47032.73786515	Sum of GTIs [s]
			ontime7	47048.901766539	Sum of GTIs [s]
			l1events	2551812	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7		ccd 0	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	365359	411114	388926	548292	407950	430171	grade 0 events	12157	12458	11487	32409	12626	17285
rejected events	328823	375082	354439	272924	369123	235875		3%	3%	2%	5%	3%	4%
rejected %	89%	91%	91%	49%	90%	54%	grade 1 events	198	186	194	947	182	582
								0%	0%	0%	0%	0%	0%
							grade 2 events	9010	8836	7726	81425	9008	39346
								2%	2%	1%	14%	2%	9%
							grade 3 events	4279	3842	4007	11050	4244	17828
								1%	0%	1%	2%	1%	4%
							grade 4 events	3951	4063	4030	10526	4340	17609
								1%	0%	1%	1%	1%	4%
							grade 5 events	13094	12307	15512	42665	16024	45245
								3%	2%	3%	7%	3%	10%
							grade 6 events	7144	6833	7244	139958	8616	102228
								1%	1%	1%	25%	2%	23%
							grade 7 events	315526	362589	338726	229312	352910	190048
								86%	88%	87%	41%	86%	44%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-023567	ACIS-023567
Grating	NONE	NONE
Data mode	VFAINT	VFAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	193.0089798304533
[deg] Pointing Dec	0	27.12072479530252
[deg] Pointing Roll	0.0	36.93131859434843
[mm] SIM focus pos	-0.684267	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	-190.132523	51.9960404362608
[mm] SIM translation stage offset	0	74.98944845534076
[s] Observation start time (MET)	310881755.790561	310881754.76557
Observation start date	2007-11-08T04:02:36	2007-11-08T04:02:34
[s] Observation end time (MET)	310931499.042959	310931498.01797
Observation end date	2007-11-08T17:51:39	2007-11-08T17:51:38
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	47.048901766539

A.2 Comments