

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62678 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 27 2012

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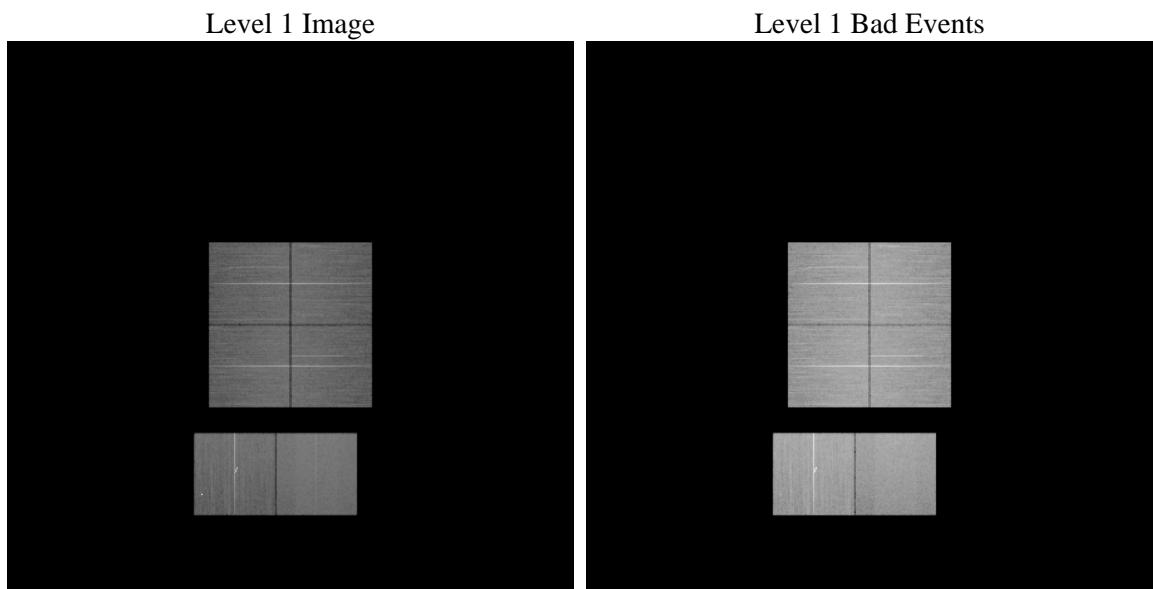
1 Front

seq_num	 	Sequence number
obs_id	62678	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	216.927811113	Nominal RA [deg]
dec_nom	-62.805320230926	Nominal Dec [deg]
roll_nom	298.43103398185	Nominal Roll [deg]
revision	1	Processing version of data
ontime	47992.684772968	Sum of GTIs [s]
livetime	47384.972500648	Livetime [s]
ontime0	47992.520612955	Sum of GTIs [s]
ontime1	47992.643732965	Sum of GTIs [s]
ontime2	47992.561652958	Sum of GTIs [s]
ontime3	47992.602692962	Sum of GTIs [s]
ontime6	47983.002672315	Sum of GTIs [s]
ontime7	47992.684772968	Sum of GTIs [s]
l2events	288176	Number of level 2 events

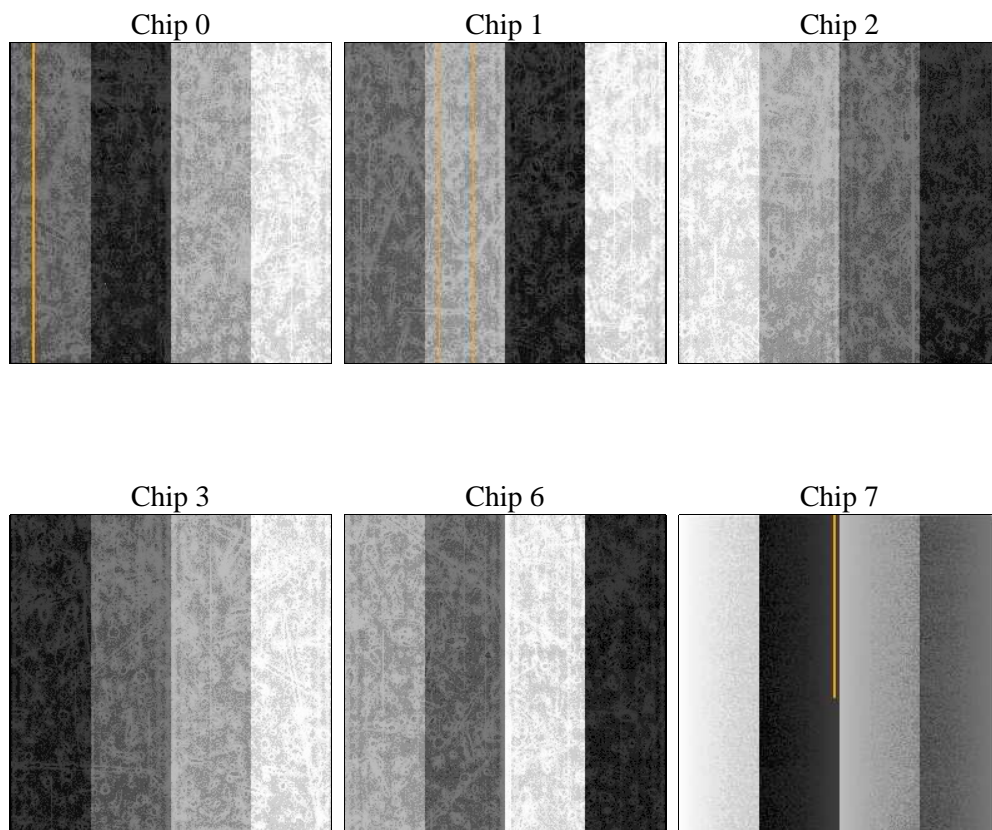
2 OBI

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	47992.684772968	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	47992.520612955	Sum of GTIs [s]
date	2012-06-27T15:36:18	Date and time of file creation	ontime1	47992.643732965	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	47992.561652958	Sum of GTIs [s]
			ontime3	47992.602692962	Sum of GTIs [s]
			ontime6	47983.002672315	Sum of GTIs [s]
			ontime7	47992.684772968	Sum of GTIs [s]
			l1events	1738590	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	251550	265499	274270	265785	311885	369601	grade 0 events	10023	11682	10081	9642	25312	13151
rejected events	221071	230529	244522	236701	264161	209170		3%	4%	3%	3%	8%	3%
rejected %	87%	86%	89%	89%	84%	56%	grade 1 events	123	159	163	135	1630	445
								0%	0%	0%	0%	0%	0%
							grade 2 events	7696	8512	7368	6663	7726	32388
								3%	3%	2%	2%	2%	8%
							grade 3 events	3306	3557	3099	3156	3499	13844
								1%	1%	1%	1%	1%	3%
							grade 4 events	3141	3532	3156	3355	3435	13537
								1%	1%	1%	1%	1%	3%
							grade 5 events	12618	14009	11596	14103	14664	38180
								5%	5%	4%	5%	4%	10%
							grade 6 events	6313	7687	6044	6268	7752	87511
								2%	2%	2%	2%	2%	23%
							grade 7 events	208330	216361	232763	222463	247867	170545
								82%	81%	84%	83%	79%	46%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	VFAINT	VFAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	216.9278111129968
[deg] Pointing Dec	0	-62.80532023092613
[deg] Pointing Roll	0.0	298.4310339818506
[mm] SIM focus pos	-1.429586	-1.038866356238299
[mm] SIM defocus	0.1037507710433287	0.001426264420575141
[mm] SIM translation stage pos	250.455976	51.9960404362608
[mm] SIM translation stage offset	0	74.98944845534076
[s] Observation start time (MET)	456190686.957158	456190685.93216
Observation start date	2012-06-15T23:38:07	2012-06-15T23:38:05
[s] Observation end time (MET)	456240446.609809	456240445.58481
Observation end date	2012-06-16T13:27:27	2012-06-16T13:27:25
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	47.992684772968

A.2 Comments