

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62027 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 29 2012

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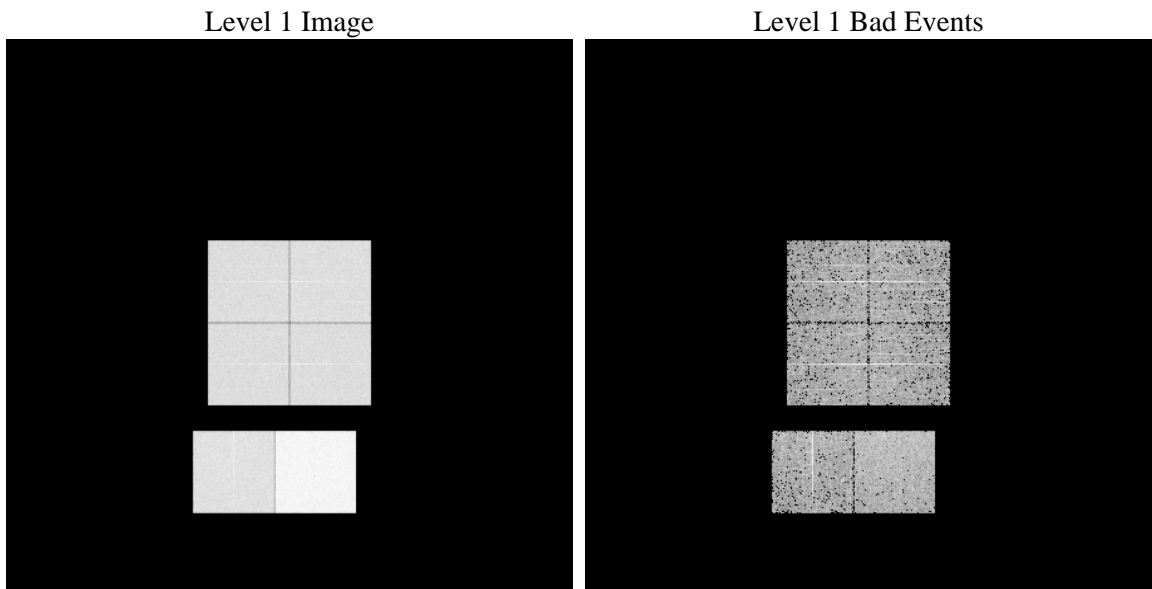
1 Front

seq_num	 	Sequence number
obs_id	62027	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	274.12510933825	Nominal RA [deg]
dec_nom	72.12764313022	Nominal Dec [deg]
roll_nom	173.07349494368	Nominal Roll [deg]
revision	5	Processing version of data
ontime	5282.7680389136	Sum of GTIs [s]
livetime	5215.8744491039	Livetime [s]
ontime0	2289.9595471621	Sum of GTIs [s]
ontime1	2380.749587357	Sum of GTIs [s]
ontime2	2216.777697891	Sum of GTIs [s]
ontime3	2234.77984716	Sum of GTIs [s]
ontime6	2465.0987968594	Sum of GTIs [s]
ontime7	5282.7680389136	Sum of GTIs [s]
l2events	1345966	Number of level 2 events

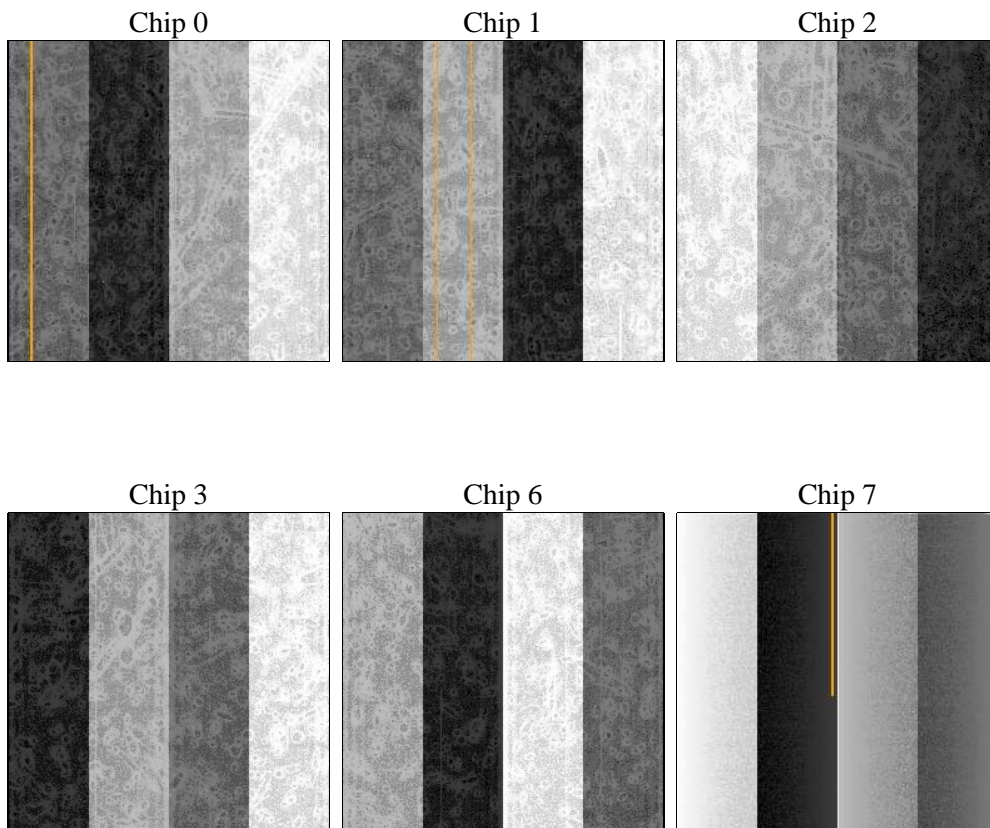
2 OBI

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	5282.7680389136	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime0	2289.9595471621	Sum of GTIs [s]
date	2012-08-29T07:07:18	Date and time of file creation	ontime1	2380.749587357	Sum of GTIs [s]
revision	5	Processing version of data	ontime2	2216.777697891	Sum of GTIs [s]
			ontime3	2234.77984716	Sum of GTIs [s]
			ontime6	2465.0987968594	Sum of GTIs [s]
			ontime7	5282.7680389136	Sum of GTIs [s]
			l1events	1522051	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	204924	212623	201627	202702	232078	468097	grade 0 events	103584	107102	102363	103433	115919	114208
rejected events	17420	18643	18806	18610	19751	25569		50%	50%	50%	51%	49%	24%
rejected %	8%	8%	9%	9%	8%	5%	grade 1 events	573	503	551	595	617	303
								0%	0%	0%	0%	0%	0%
							grade 2 events	32804	34029	31770	31997	36723	98648
								16%	16%	15%	15%	15%	21%
							grade 3 events	11949	12236	11369	11748	13188	45587
								5%	5%	5%	5%	5%	9%
							grade 4 events	12076	12508	11387	11537	13105	45065
								5%	5%	5%	5%	5%	9%
							grade 5 events	1361	1479	1326	1414	1662	5736
								0%	0%	0%	0%	0%	1%
							grade 6 events	27091	28105	26240	25377	33392	139302
								13%	13%	13%	12%	14%	29%
							grade 7 events	15486	16661	16621	16601	17472	19248
								7%	7%	8%	8%	7%	4%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	274.1251093382483
[deg] Pointing Dec	0	72.12764313022049
[deg] Pointing Roll	0.0	173.0734949436817
[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)	77250438.851	77250438.08274899
Observation start date	2000-06-13T02:27:19	2000-06-13T02:27:18
[s] Observation end time (MET)	77261170.602	77261169.83314499
Observation end date	2000-06-13T05:26:11	2000-06-13T05:26:09
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	0.000000	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)	2012.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.2827680389136

A.2 Comments