

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60563 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 3 2012

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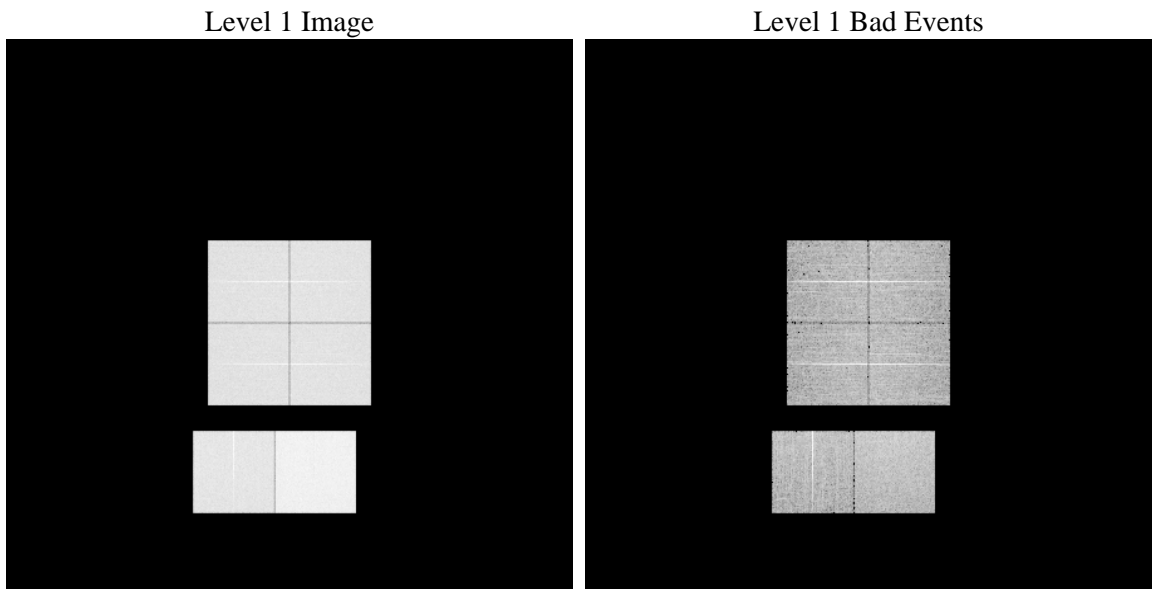
1 Front

seq_num	 	Sequence number
obs_id	60563	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	18.969160142086	Nominal RA [deg]
dec_nom	27.007994558458	Nominal Dec [deg]
roll_nom	130.91589983988	Nominal Roll [deg]
revision	3	Processing version of data
ontime	12207.999954522	Sum of GTIs [s]
livetime	12053.414908322	Livetime [s]
ontime0	7634.9737813175	Sum of GTIs [s]
ontime1	7846.3967110813	Sum of GTIs [s]
ontime2	7401.6222167313	Sum of GTIs [s]
ontime3	7563.6721358299	Sum of GTIs [s]
ontime6	8153.5309036374	Sum of GTIs [s]
ontime7	12207.999954522	Sum of GTIs [s]
l2events	1810403	Number of level 2 events

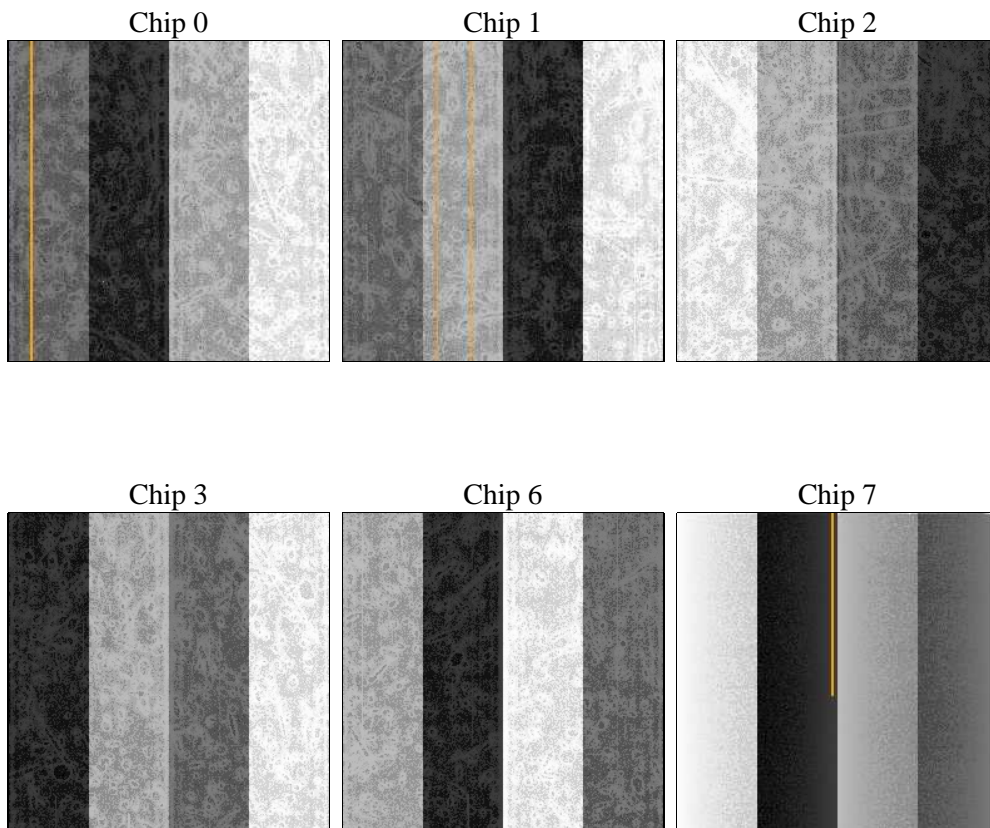
2 OBI

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	12207.999954522	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	7634.9737813175	Sum of GTIs [s]
date	2012-11-03T22:27:13	Date and time of file creation	ontime1	7846.3967110813	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7401.6222167313	Sum of GTIs [s]
			ontime3	7563.6721358299	Sum of GTIs [s]
			ontime6	8153.5309036374	Sum of GTIs [s]
			ontime7	12207.999954522	Sum of GTIs [s]
			l1events	2207416	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	324706	332655	320493	328595	365317	535650	grade 0 events	153187	155965	153318	156657	170393	117751
rejected events	47690	48912	47848	50107	53509	63315		47%	46%	47%	47%	46%	21%
rejected %	14%	14%	14%	15%	14%	11%	grade 1 events	819	756	930	871	791	323
								0%	0%	0%	0%	0%	0%
							grade 2 events	48400	50151	45991	47661	53558	104986
								14%	15%	14%	14%	14%	19%
							grade 3 events	17694	18205	17731	17977	19354	48030
								5%	5%	5%	5%	5%	8%
							grade 4 events	18048	18140	17586	18069	19474	47593
								5%	5%	5%	5%	5%	8%
							grade 5 events	3201	3376	3041	3410	3843	11905
								0%	1%	0%	1%	1%	2%
							grade 6 events	39687	41282	38019	38124	49029	153975
								12%	12%	11%	11%	13%	28%
							grade 7 events	43670	44780	43877	45826	48875	51087
								13%	13%	13%	13%	13%	9%

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	18.96916014208648
[deg] Pointing Dec	0	27.0079945584581
[deg] Pointing Roll	0.0	130.9158998398785
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	179329227.654508	179329226.6298
Observation start date	2003-09-07T13:40:28	2003-09-07T13:40:26
[s] Observation end time (MET)	179345045.455185	179345044.43048
Observation end date	2003-09-07T18:04:05	2003-09-07T18:04:04
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)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.207999954522

A.2 Comments