

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58163 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 2 2012

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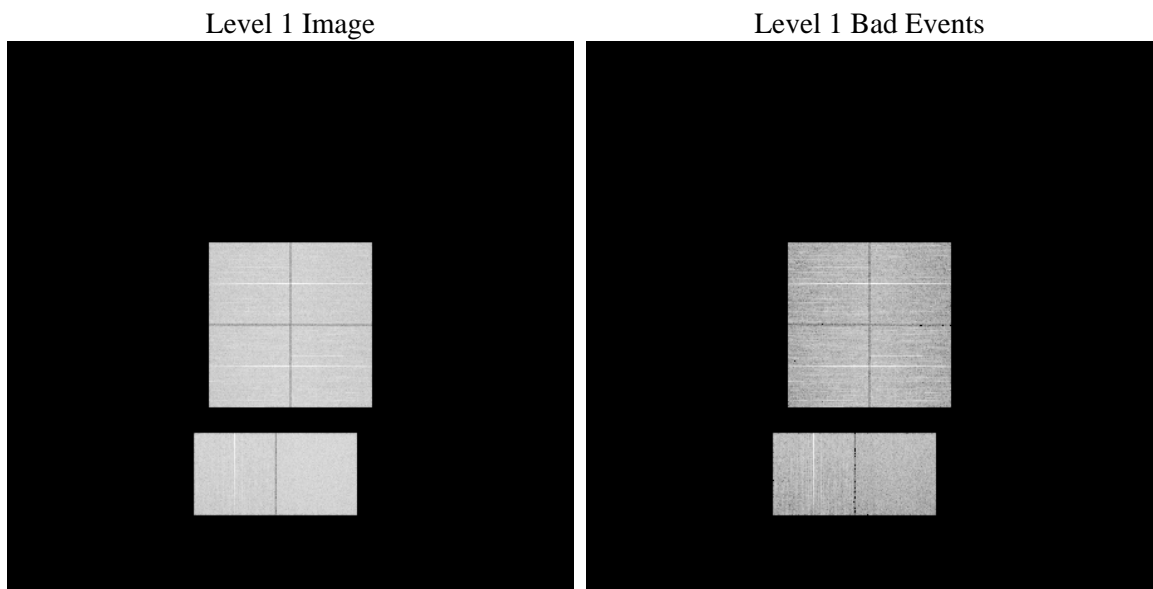
1 Front

seq_num	 	Sequence number
obs_id	58163	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	59.992380365041	Nominal RA [deg]
dec_nom	-12.970515484441	Nominal Dec [deg]
roll_nom	60.428670729477	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.9999710321	Sum of GTIs [s]
livetime	7693.3329756198	Livetime [s]
ontime0	7791.9999710321	Sum of GTIs [s]
ontime1	7791.9999710321	Sum of GTIs [s]
ontime2	7791.9999710321	Sum of GTIs [s]
ontime3	7791.9999710321	Sum of GTIs [s]
ontime6	7791.9999710321	Sum of GTIs [s]
ontime7	7791.9999710321	Sum of GTIs [s]
l2events	641210	Number of level 2 events

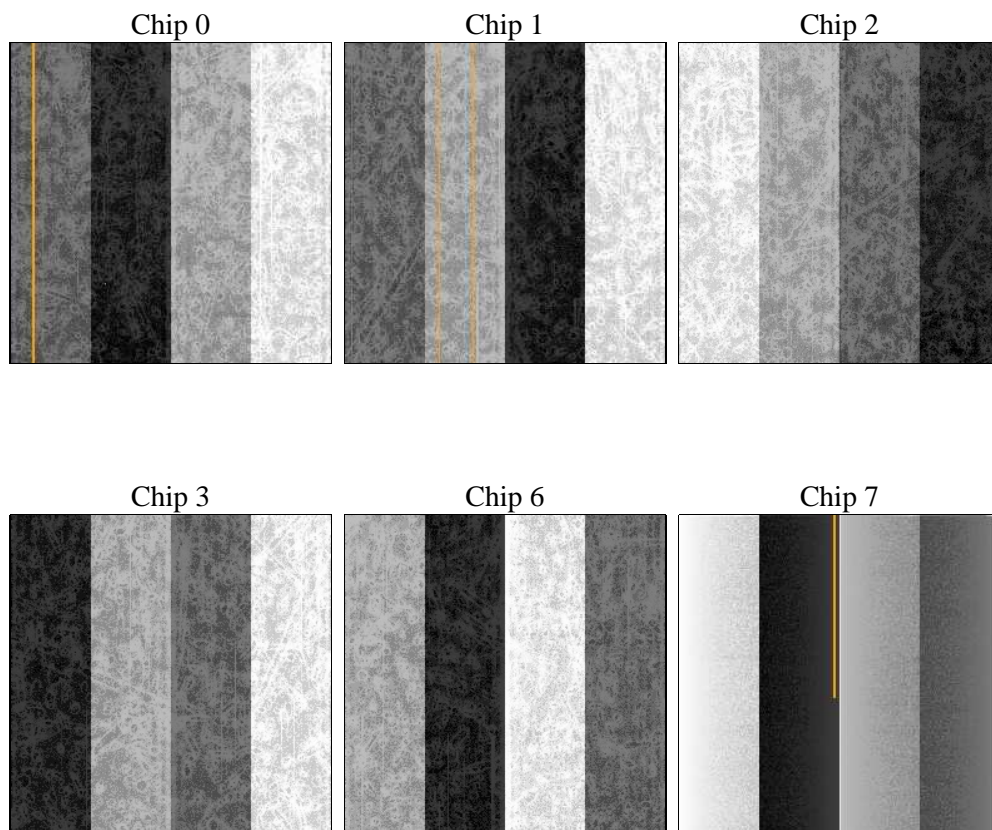
2 OBI

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	7791.9999710321	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7791.9999710321	Sum of GTIs [s]
date	2012-05-02T23:43:42	Date and time of file creation	ontime1	7791.9999710321	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7791.9999710321	Sum of GTIs [s]
			ontime3	7791.9999710321	Sum of GTIs [s]
			ontime6	7791.9999710321	Sum of GTIs [s]
			ontime7	7791.9999710321	Sum of GTIs [s]
			l1events	1089934	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	174399	170513	180524	179609	182790	202099	grade 0 events	56915	56524	58595	59308	58748	29223
rejected events	68655	64028	74452	72441	71674	62289		32%	33%	32%	33%	32%	14%
rejected %	39%	37%	41%	40%	39%	30%	grade 1 events	445	331	437	426	369	142
								0%	0%	0%	0%	0%	0%
							grade 2 events	18829	19644	17727	18495	19609	30641
								10%	11%	9%	10%	10%	15%
							grade 3 events	7106	6825	7291	7027	7212	13363
								4%	4%	4%	3%	3%	6%
							grade 4 events	6915	6915	7193	7076	7226	13039
								3%	4%	3%	3%	3%	6%
							grade 5 events	3738	3857	3534	4150	4060	10416
								2%	2%	1%	2%	2%	5%
							grade 6 events	15979	16577	15266	15262	18321	53544
								9%	9%	8%	8%	10%	26%
							grade 7 events	64472	59840	70481	67865	67245	51731
								36%	35%	39%	37%	36%	25%

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	59.99238036504056
[deg] Pointing Dec	0	-12.97051548444144
[deg] Pointing Roll	0.0	60.42867072947692
[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)	309102368.00473	309102366.97973
Observation start date	2007-10-18T13:46:08	2007-10-18T13:46:06
[s] Observation end time (MET)	309119413.755552	309119412.73055
Observation end date	2007-10-18T18:30:14	2007-10-18T18:30:12
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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919999710321

A.2 Comments