

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62850 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 13 2012

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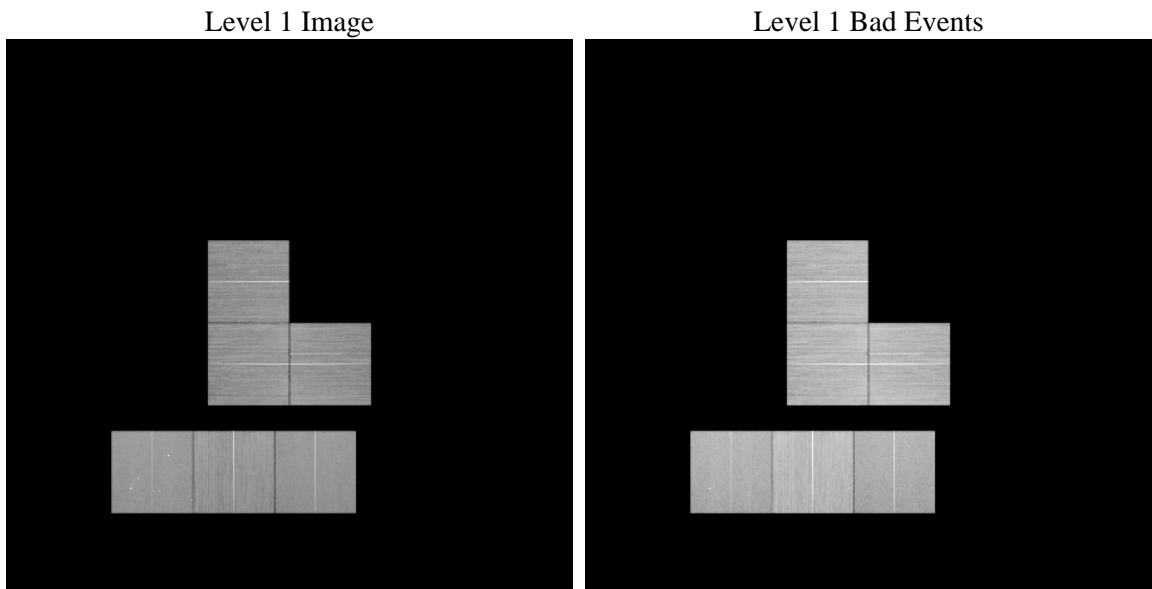
1 Front

seq_num	 	Sequence number
obs_id	62850	Observation id
title	ACIS-023567 background measurement	Proposal title
observer	DR. MAXIM MARKEVITCH	Principal investigator
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	283.62155948578	Nominal RA [deg]
dec_nom	-38.019468923584	Nominal Dec [deg]
roll_nom	284.07927903422	Nominal Roll [deg]
revision	3	Processing version of data
ontime	53164.799801946	Sum of GTIs [s]
livetime	52491.595094854	Livetime [s]
ontime0	53154.639678746	Sum of GTIs [s]
ontime2	53158.317971021	Sum of GTIs [s]
ontime3	53161.558831692	Sum of GTIs [s]
ontime5	53164.799801946	Sum of GTIs [s]
ontime6	53164.799801946	Sum of GTIs [s]
ontime7	53164.799801946	Sum of GTIs [s]
l2events	499538	Number of level 2 events

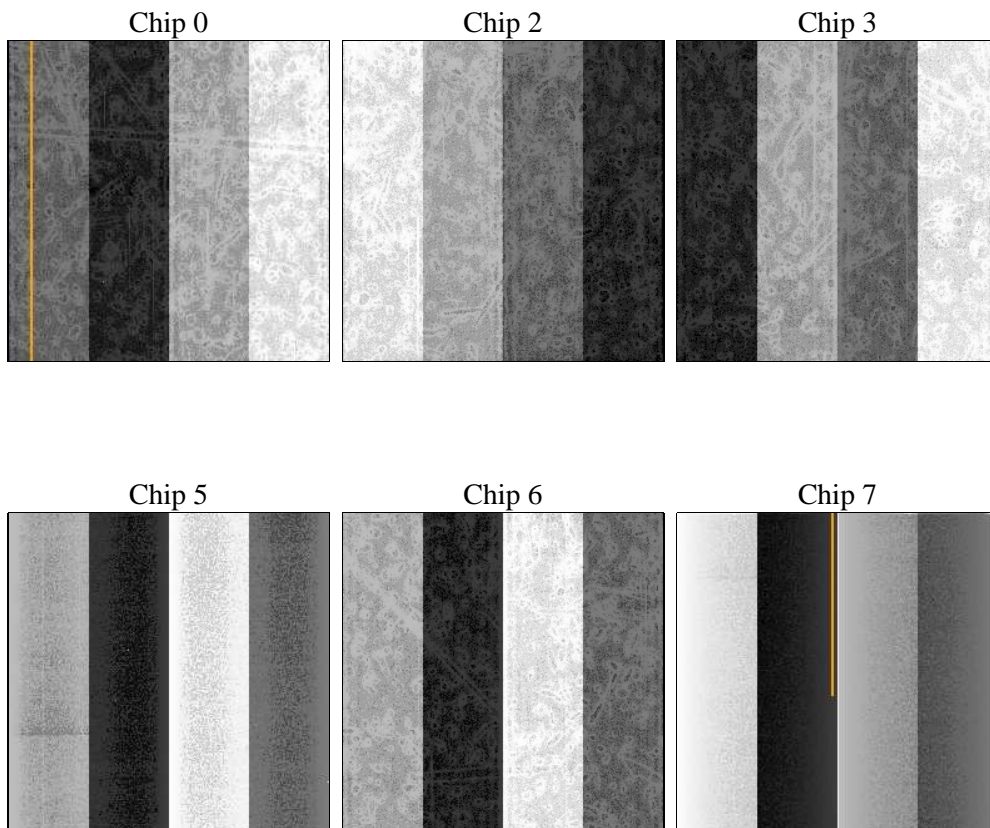
2 OBI

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	53164.799801946	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	53154.639678746	Sum of GTIs [s]
date	2012-10-13T05:43:00	Date and time of file creation	ontime2	53158.317971021	Sum of GTIs [s]
revision	3	Processing version of data	ontime3	53161.558831692	Sum of GTIs [s]
			ontime5	53164.799801946	Sum of GTIs [s]
			ontime6	53164.799801946	Sum of GTIs [s]
			ontime7	53164.799801946	Sum of GTIs [s]
			l1events	2903239	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	449420	481284	471512	526184	500883	473956	grade 0 events	15296	14786	14699	19024	13650	14634
rejected events	411614	446176	436265	310187	464399	294735		3%	3%	3%	3%	2%	3%
rejected %	91%	92%	92%	58%	92%	62%	grade 1 events	187	153	195	577	137	402
								0%	0%	0%	0%	0%	0%
							grade 2 events	8418	7348	7224	69044	7931	41097
								1%	1%	1%	13%	1%	8%
							grade 3 events	3853	3519	3486	8810	3736	15401
								0%	0%	0%	1%	0%	3%
							grade 4 events	3502	3467	3487	7849	3666	15538
								0%	0%	0%	1%	0%	3%
							grade 5 events	12832	11869	13495	35383	14460	41324
								2%	2%	2%	6%	2%	8%
							grade 6 events	6739	5990	6354	111283	7503	92560
								1%	1%	1%	21%	1%	19%
							grade 7 events	398593	434152	422572	274214	449800	253000
								88%	90%	89%	52%	89%	53%

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	283.6215594857759
[deg] Pointing Dec	0	-38.01946892358397
[deg] Pointing Roll	0.0	284.0792790342192
[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)	147466471.964	147466470.93929
Observation start date	2002-09-03T18:54:32	2002-09-03T18:54:30
[s] Observation end time (MET)	147521430.416	147521429.39156
Observation end date	2002-09-04T10:10:30	2002-09-04T10:10:29
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)	2012.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	53.164799801946

A.2 Comments