

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62808 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 6 2012

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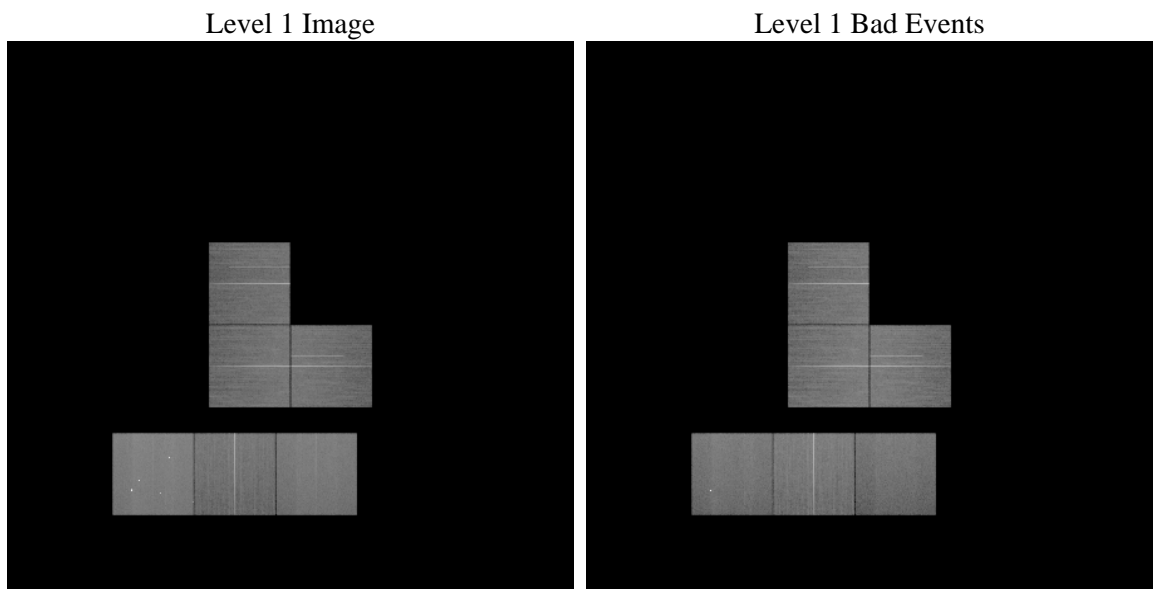
1 Front

seq_num	 	Sequence number
obs_id	62808	Observation id
title	ACIS-023567 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	193.11445900871	Nominal RA [deg]
dec_nom	27.353725622824	Nominal Dec [deg]
roll_nom	39.924830207586	Nominal Roll [deg]
revision	2	Processing version of data
ontime	47989.745885134	Sum of GTIs [s]
livetime	47382.07082678	Livetime [s]
ontime0	47986.340734899	Sum of GTIs [s]
ontime2	47986.38179481	Sum of GTIs [s]
ontime3	47989.663805127	Sum of GTIs [s]
ontime5	47989.70484513	Sum of GTIs [s]
ontime6	47983.305084109	Sum of GTIs [s]
ontime7	47989.745885134	Sum of GTIs [s]
l2events	539110	Number of level 2 events

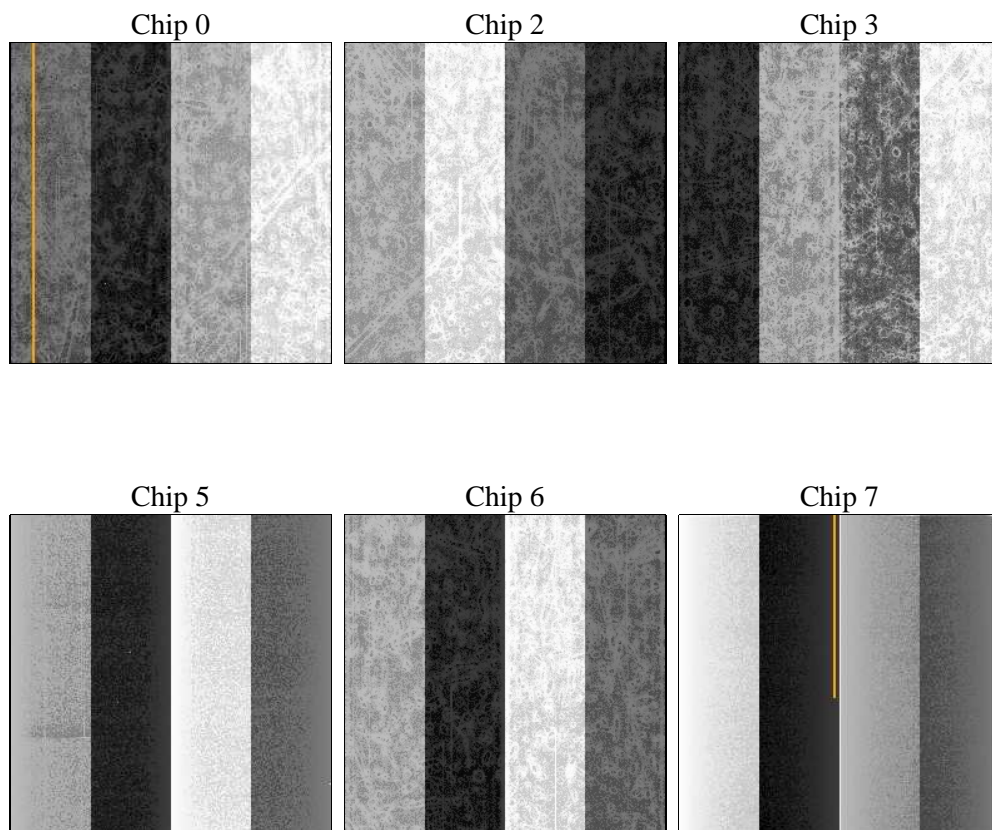
2 OBI

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	47989.745885134	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	47986.340734899	Sum of GTIs [s]
date	2012-07-06T16:04:54	Date and time of file creation	ontime2	47986.38179481	Sum of GTIs [s]
revision	2	Processing version of data	ontime3	47989.663805127	Sum of GTIs [s]
			ontime5	47989.70484513	Sum of GTIs [s]
			ontime6	47983.305084109	Sum of GTIs [s]
			ontime7	47989.745885134	Sum of GTIs [s]
			l1events	2277311	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	305131	336986	332910	534445	351390	416449	grade 0 events	11903	11984	11389	28938	12300	16150
rejected events	269330	302163	299242	271709	313716	229825		3%	3%	3%	5%	3%	3%
rejected %	88%	89%	89%	50%	89%	55%	grade 1 events	183	193	208	942	214	558
								0%	0%	0%	0%	0%	0%
							grade 2 events	8920	8591	7714	80118	8929	38020
								2%	2%	2%	14%	2%	9%
							grade 3 events	3972	3743	3731	9586	3966	16462
								1%	1%	1%	1%	1%	3%
							grade 4 events	3693	3772	3734	9291	3973	16428
								1%	1%	1%	1%	1%	3%
							grade 5 events	13932	13173	15600	39478	16108	43389
								4%	3%	4%	7%	4%	10%
							grade 6 events	7379	6814	7169	135251	8584	99900
								2%	2%	2%	25%	2%	23%
							grade 7 events	255149	288716	283365	230841	297316	185542
								83%	85%	85%	43%	84%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-023567	ACIS-023567	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	193.1144590087129	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	27.35372562282403	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	39.92483020758586	[s] Primary exposure time	3.2	3.2
[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)	405914021.837637	405914020.81264			
Observation start date	2010-11-12T01:53:42	2010-11-12T01:53:40			
[s] Observation end time (MET)	405963873.740204	405963872.71521			
Observation end date	2010-11-12T15:44:34	2010-11-12T15:44:32			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	47.989745885134

A.2 Comments