

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52581 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 3 2014

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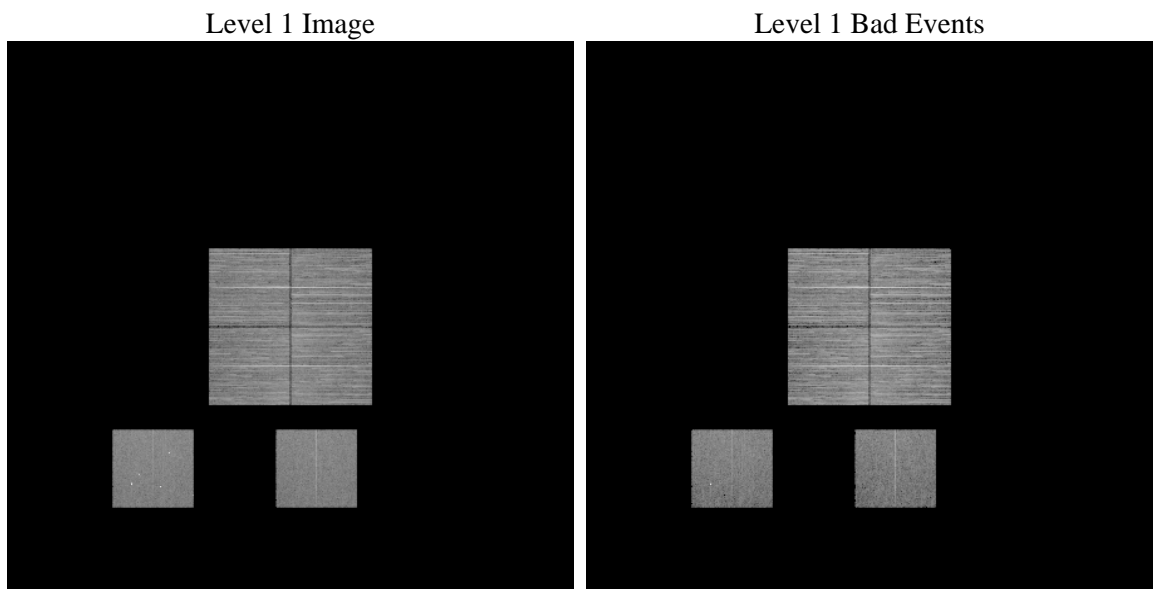
1 Front

seq_num	 	Sequence number
obs_id	52581	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	283.02299936099	Nominal RA [deg]
dec_nom	-27.020334561887	Nominal Dec [deg]
roll_nom	282.43747789735	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8467.1999685168	Sum of GTIs [s]
livetime	8359.9831841797	Livetime [s]
ontime0	8467.1999685168	Sum of GTIs [s]
ontime1	8463.9589383006	Sum of GTIs [s]
ontime2	8467.1999685168	Sum of GTIs [s]
ontime3	8467.1999685168	Sum of GTIs [s]
ontime5	8467.1999685168	Sum of GTIs [s]
ontime7	8467.1999685168	Sum of GTIs [s]
l2events	203367	Number of level 2 events

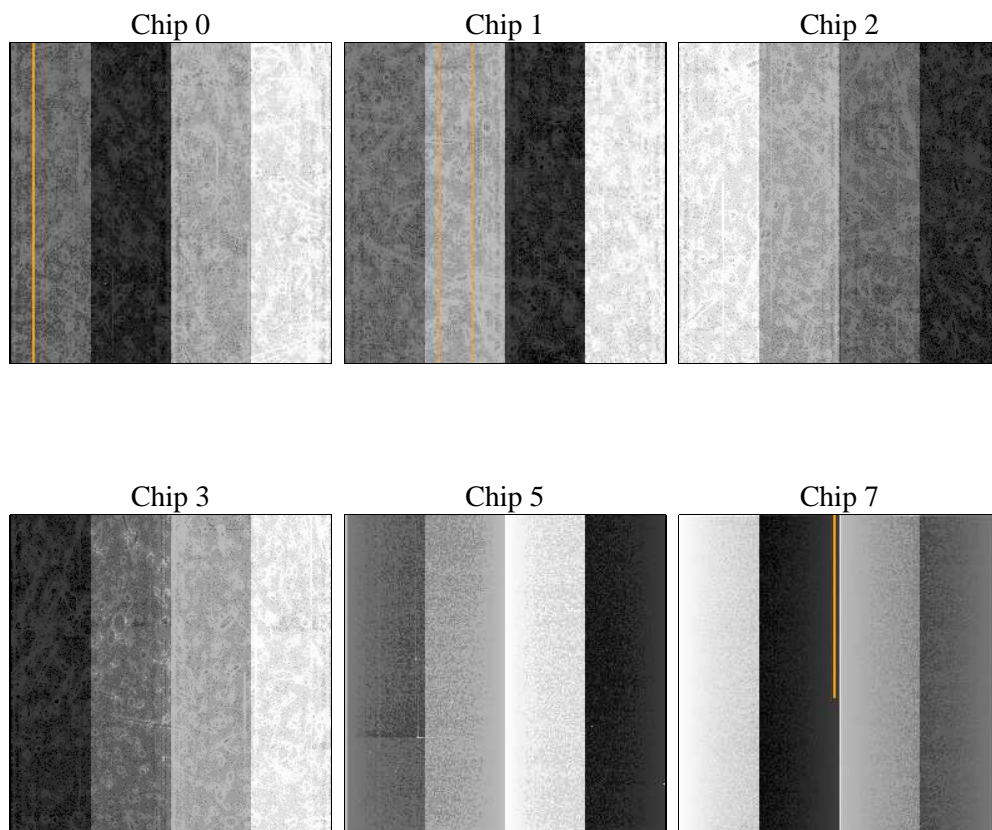
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.2.4	Processing system revision	ontime	8467.1999685168	Sum of GTIs [s]
caldsver	4.6.2	 	ontime0	8467.1999685168	Sum of GTIs [s]
date	2014-08-04T03:09:56	Date and time of file creation	ontime1	8463.9589383006	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8467.1999685168	Sum of GTIs [s]
			ontime3	8467.1999685168	Sum of GTIs [s]
			ontime5	8467.1999685168	Sum of GTIs [s]
			ontime7	8467.1999685168	Sum of GTIs [s]
			l1events	843109	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	148045	143116	143644	152483	134105	121716	grade 0 events	13008	12484	13451	13396	7978	6950
rejected events	121742	117013	117457	126152	74245	69002		8%	8%	9%	8%	5%	5%
rejected %	82%	81%	81%	82%	55%	56%	grade 1 events	77	65	78	88	124	97
								0%	0%	0%	0%	0%	0%
							grade 2 events	5435	5600	5054	5222	21348	12868
								3%	3%	3%	3%	15%	10%
							grade 3 events	1927	1831	1793	1809	1980	4339
								1%	1%	1%	1%	1%	3%
							grade 4 events	1778	1772	1874	1827	1973	4245
								1%	1%	1%	1%	1%	3%
							grade 5 events	3044	2927	2846	3188	6343	7688
								2%	2%	1%	2%	4%	6%
							grade 6 events	4155	4416	4015	4077	26581	24312
								2%	3%	2%	2%	19%	19%
							grade 7 events	118621	114021	114533	122876	67778	61217
								80%	79%	79%	80%	50%	50%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	283.0229993609875	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-27.02033456188668	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	282.4374778973519	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	523466754.217241	523466753.19224			
Observation start date	2014-08-03T15:25:54	2014-08-03T15:25:53			
[s] Observation end time (MET)	523479154.667928	523479153.64293			
Observation end date	2014-08-03T18:52:35	2014-08-03T18:52:33			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2014.08.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4671999685168

A.2 Comments