

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59528 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 26 2012

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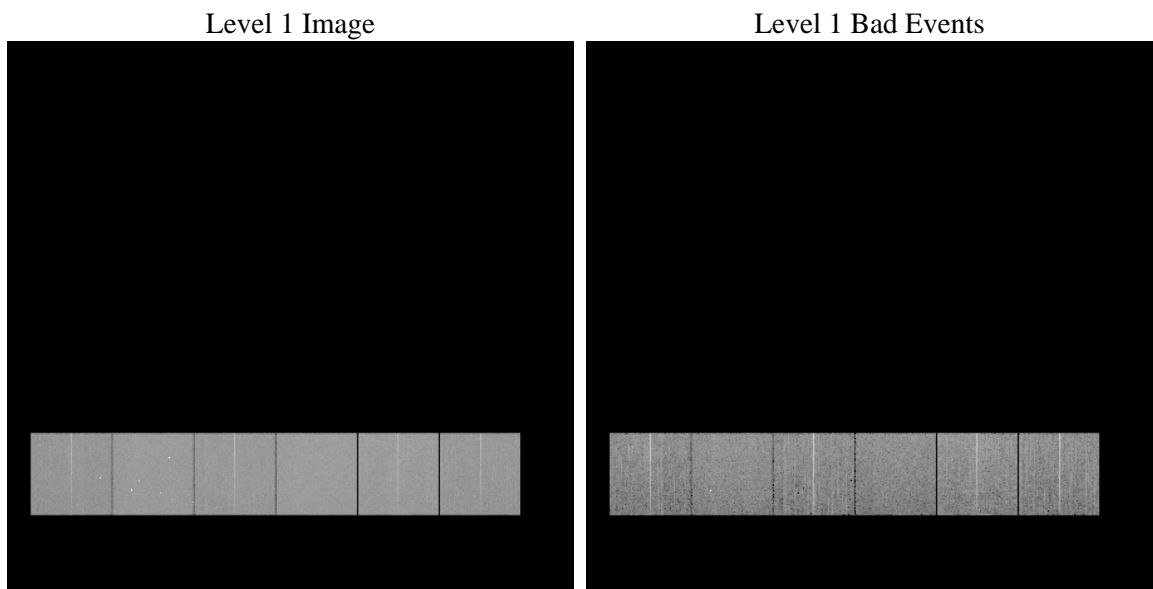
1 Front

seq_num	 	Sequence number
obs_id	59528	Observation id
title	ACIS-456789 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	276.02393000809	Nominal RA [deg]
dec_nom	-26.522451253812	Nominal Dec [deg]
roll_nom	278.3165343374	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8277.4355577528	Sum of GTIs [s]
livetime	8172.6216846473	Livetime [s]
ontime4	7136.4883931279	Sum of GTIs [s]
ontime5	8277.3945177495	Sum of GTIs [s]
ontime6	7648.603800714	Sum of GTIs [s]
ontime7	8277.4355577528	Sum of GTIs [s]
ontime8	7927.2459151745	Sum of GTIs [s]
ontime9	7408.8946580589	Sum of GTIs [s]
l2events	1049378	Number of level 2 events

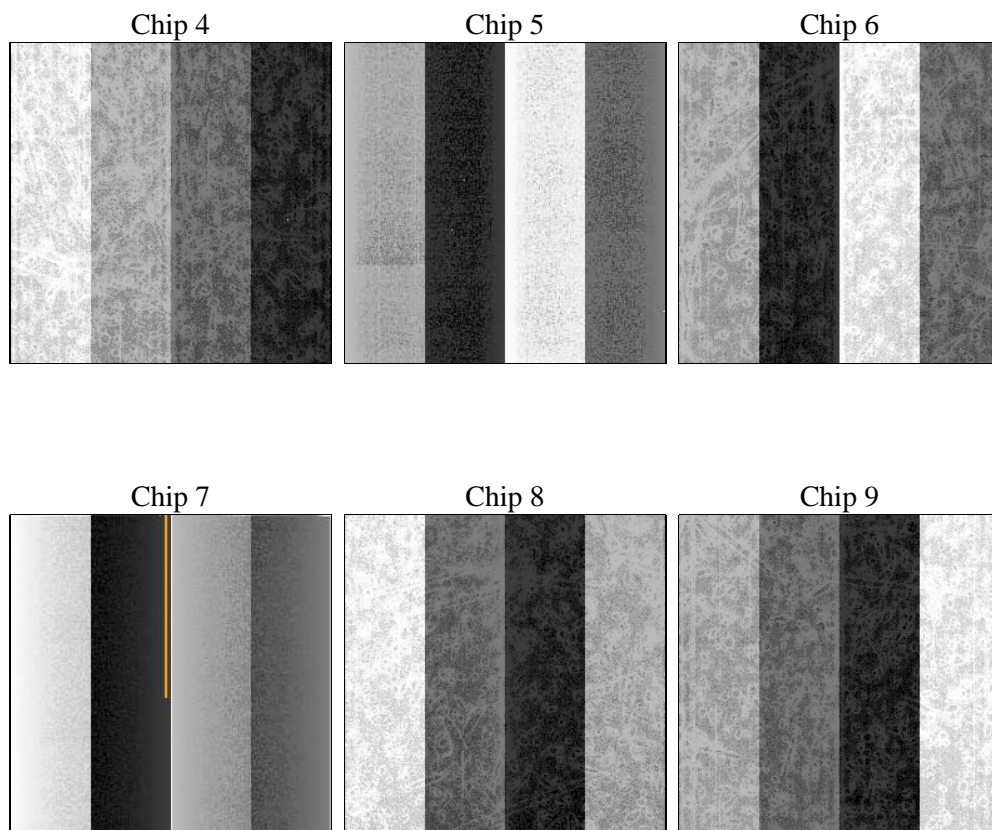
2 OBI

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	8.5.1.1	Processing system revision	ontime	8277.4355577528	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	7136.4883931279	Sum of GTIs [s]
date	2012-12-26T17:56:12	Date and time of file creation	ontime5	8277.3945177495	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7648.603800714	Sum of GTIs [s]
			ontime7	8277.4355577528	Sum of GTIs [s]
			ontime8	7927.2459151745	Sum of GTIs [s]
			ontime9	7408.8946580589	Sum of GTIs [s]
			l1events	1487516	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	218487	260609	243189	270652	264758	229821	grade 0 events	93444	39954	98774	49948	105964	94057
rejected events	59121	62130	61141	54847	68115	59794		42%	15%	40%	18%	40%	40%
rejected %	27%	23%	25%	20%	25%	26%	grade 1 events	788	222	573	175	620	598
								0%	0%	0%	0%	0%	0%
							grade 2 events	24600	74251	31647	47269	34754	28798
								11%	28%	13%	17%	13%	12%
							grade 3 events	10674	10272	11255	21145	12993	10993
								4%	3%	4%	7%	4%	4%
							grade 4 events	10628	9934	11328	21107	12881	10841
								4%	3%	4%	7%	4%	4%
							grade 5 events	3324	9288	3678	9351	4710	3894
								1%	3%	1%	3%	1%	1%
							grade 6 events	20020	64068	29044	76336	30051	25338
								9%	24%	11%	28%	11%	11%
							grade 7 events	55009	52620	56890	45321	62785	55302
								25%	20%	23%	16%	23%	24%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	276.0239300080886
[deg] Pointing Dec	0	-26.52245125381235
[deg] Pointing Roll	0.0	278.3165343374009
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	238772137.298071	238772136.27304
Observation start date	2005-07-26T13:35:37	2005-07-26T13:35:36
[s] Observation end time (MET)	238795312.549133	238795311.5241
Observation end date	2005-07-26T20:01:53	2005-07-26T20:01:51
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)	2013.01.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2774355577528

A.2 Comments