

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 58902 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 4 2012

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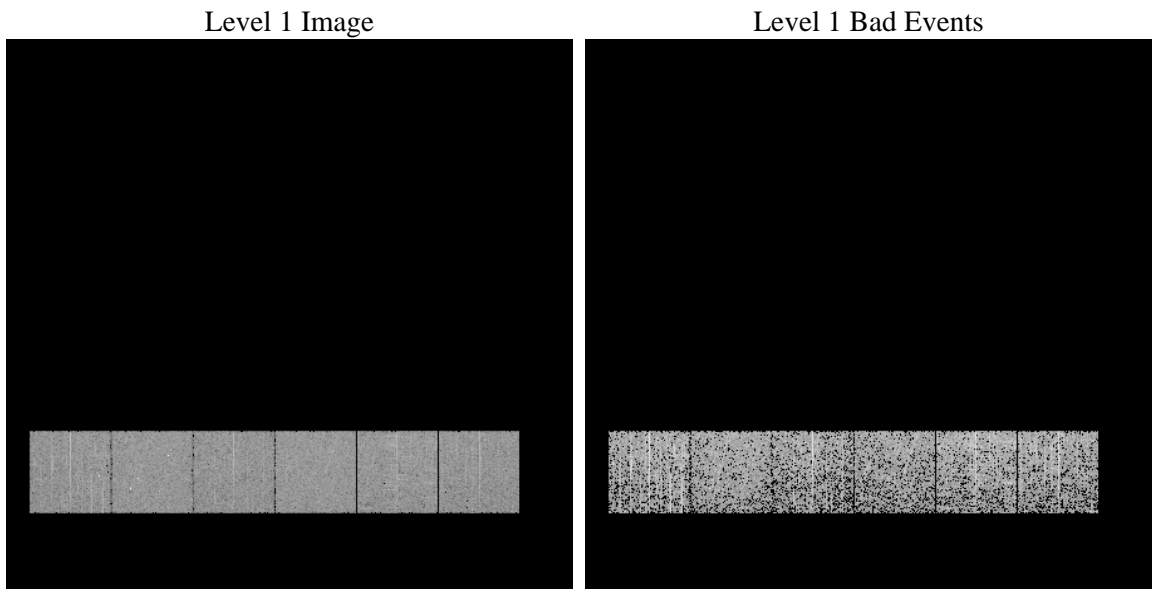
1 Front

seq_num	 	Sequence number
obs_id	58902	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	255.7907834136	Nominal RA [deg]
dec_nom	16.373351249939	Nominal Dec [deg]
roll_nom	212.84900646796	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1262.4999959767	Sum of GTIs [s]
livetime	1246.5134608414	Livetime [s]
ontime4	1262.3768759668	Sum of GTIs [s]
ontime5	1262.4589559734	Sum of GTIs [s]
ontime6	1262.4179159701	Sum of GTIs [s]
ontime7	1262.4999959767	Sum of GTIs [s]
ontime8	1262.3358359933	Sum of GTIs [s]
ontime9	1262.54103598	Sum of GTIs [s]
l2events	140112	Number of level 2 events

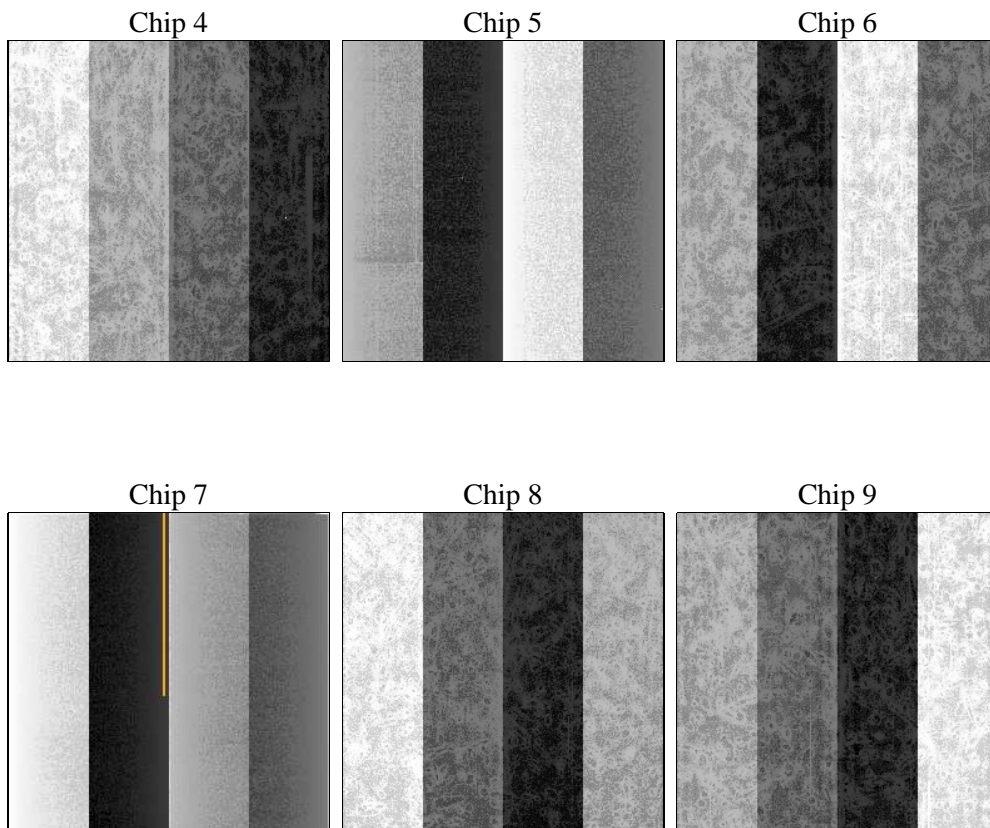
2 OBI

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	8.4.3.1	Processing system revision	ontime	1262.4999959767	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	1262.3768759668	Sum of GTIs [s]
date	2012-04-04T20:27:44	Date and time of file creation	ontime5	1262.4589559734	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	1262.4179159701	Sum of GTIs [s]
			ontime7	1262.4999959767	Sum of GTIs [s]
			ontime8	1262.3358359933	Sum of GTIs [s]
			ontime9	1262.54103598	Sum of GTIs [s]
			l1events	220278	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	36342	37799	34743	38091	38349	34954
rejected events	13487	10796	10773	9667	12889	11591
rejected %	37%	28%	31%	25%	33%	33%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	13227	5525	12804	6403	13324	12643
	36%	14%	36%	16%	34%	36%
grade 1 events	114	61	70	26	80	87
	0%	0%	0%	0%	0%	0%
grade 2 events	3589	9558	4202	6130	4645	4035
	9%	25%	12%	16%	12%	11%
grade 3 events	1518	1427	1567	2807	1763	1541
	4%	3%	4%	7%	4%	4%
grade 4 events	1541	1431	1538	2868	1788	1613
	4%	3%	4%	7%	4%	4%
grade 5 events	660	1534	644	1646	879	712
	1%	4%	1%	4%	2%	2%
grade 6 events	2980	9062	3859	10216	3994	3531
	8%	23%	11%	26%	10%	10%
grade 7 events	12713	9201	10059	7995	11876	10792
	34%	24%	28%	20%	30%	30%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	255.7907834135965	Alternating exposures requested	N	N
[deg] Pointing Dec	0	16.37335124993864	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	212.8490064679639			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	268210819.261779	268210818.23678			
Observation start date	2006-07-02T07:00:19	2006-07-02T07:00:18			
[s] Observation end time (MET)	268223375.512367	268223374.48737			
Observation end date	2006-07-02T10:29:36	2006-07-02T10:29:34			
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)	2012.04.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.2624999959767

A.2 Comments