

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58008 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 8 2012

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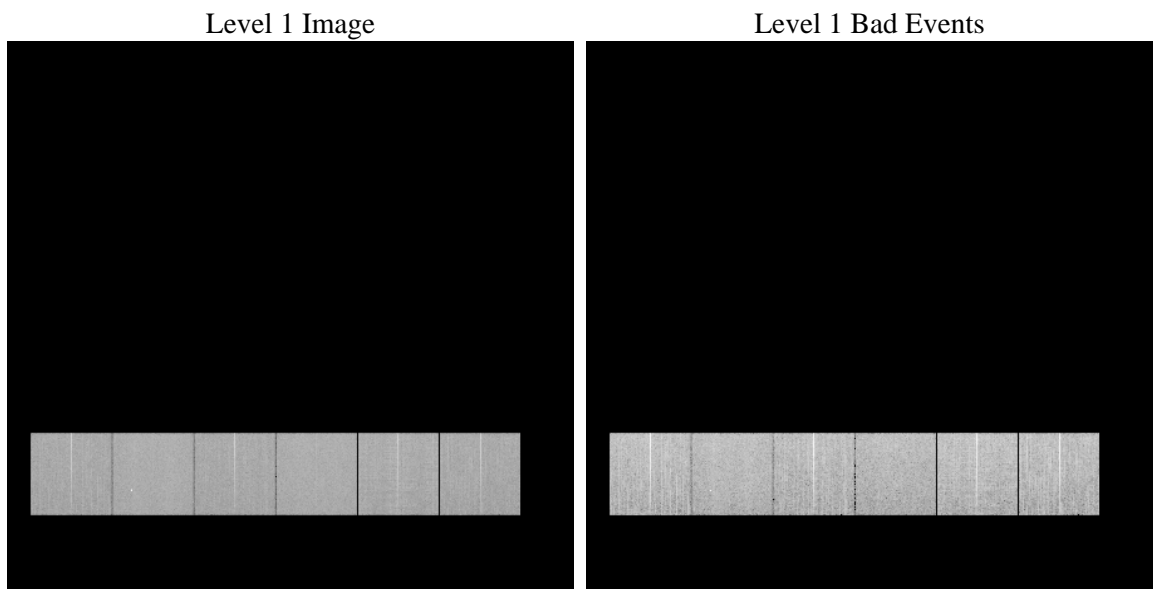
1 Front

seq_num	 	Sequence number
obs_id	58008	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	114.02621538762	Nominal RA [deg]
dec_nom	-4.9886790421477	Nominal Dec [deg]
roll_nom	351.59599197028	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8165.7646234035	Sum of GTIs [s]
livetime	8062.3647949089	Livetime [s]
ontime4	8165.6415033937	Sum of GTIs [s]
ontime5	8165.7235834002	Sum of GTIs [s]
ontime6	8165.6825433969	Sum of GTIs [s]
ontime7	8165.7646234035	Sum of GTIs [s]
ontime8	8165.6004633904	Sum of GTIs [s]
ontime9	8165.8056634068	Sum of GTIs [s]
l2events	652111	Number of level 2 events

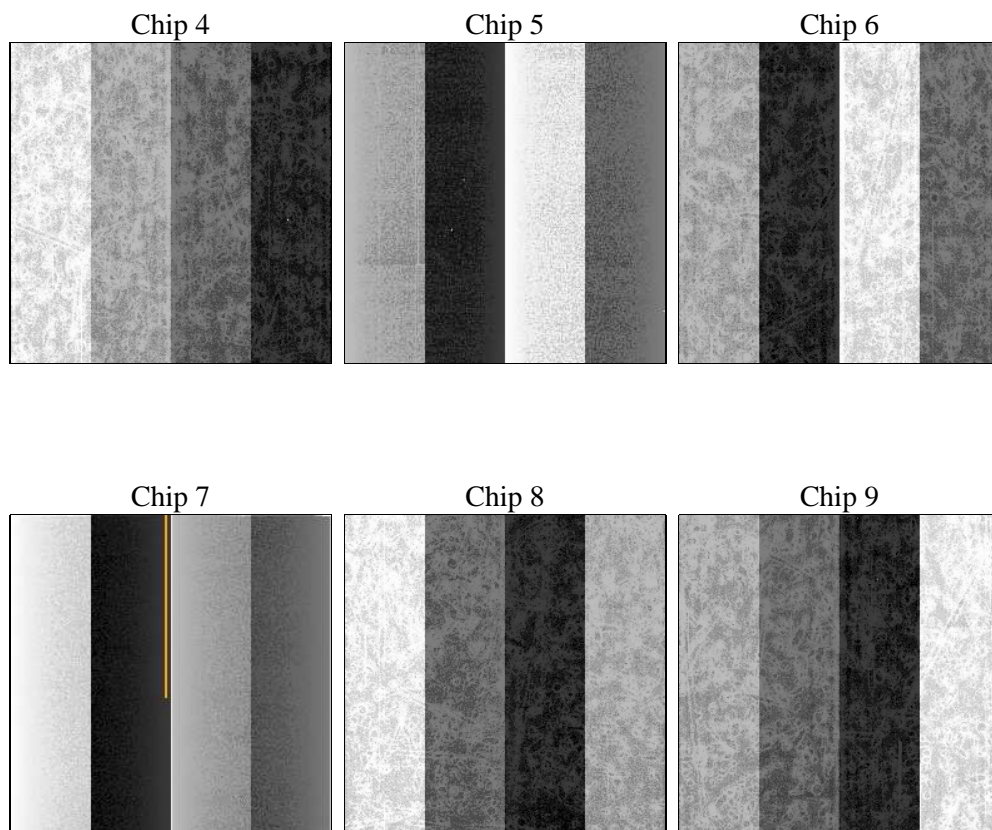
2 OBI

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	8.4.4	Processing system revision	ontime	8165.7646234035	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8165.6415033937	Sum of GTIs [s]
date	2012-05-08T04:12:08	Date and time of file creation	ontime5	8165.7235834002	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8165.6825433969	Sum of GTIs [s]
			ontime7	8165.7646234035	Sum of GTIs [s]
			ontime8	8165.6004633904	Sum of GTIs [s]
			ontime9	8165.8056634068	Sum of GTIs [s]
			l1events	1156479	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	181836	203051	182716	203088	202268	183520	grade 0 events	58740	20029	58192	28437	62068	57467
rejected events	81533	71281	74686	65578	82791	79324		32%	9%	31%	14%	30%	31%
rejected %	44%	35%	40%	32%	40%	43%	grade 1 events	557	209	364	171	394	407
								0%	0%	0%	0%	0%	0%
							grade 2 events	15667	49384	19292	30577	22418	17958
								8%	24%	10%	15%	11%	9%
							grade 3 events	7057	6534	6899	13218	8416	6881
								3%	3%	3%	6%	4%	3%
							grade 4 events	7133	6143	6835	12827	8183	6910
								3%	3%	3%	6%	4%	3%
							grade 5 events	3915	9143	4150	10370	5372	4538
								2%	4%	2%	5%	2%	2%
							grade 6 events	13062	51458	18307	54169	20048	16318
								7%	25%	10%	26%	9%	8%
							grade 7 events	75705	60151	68677	53319	75369	73041
								41%	29%	37%	26%	37%	39%

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	114.0262153876245	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-4.988679042147739	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	351.5959919702756			
[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)	316904360.881822	316904359.85681			
Observation start date	2008-01-16T20:59:21	2008-01-16T20:59:19			
[s] Observation end time (MET)	316930492.233088	316930491.20808			
Observation end date	2008-01-17T04:14:52	2008-01-17T04:14:51			
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)	2012.05.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1657646234035

A.2 Comments