

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58189 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 1 2012

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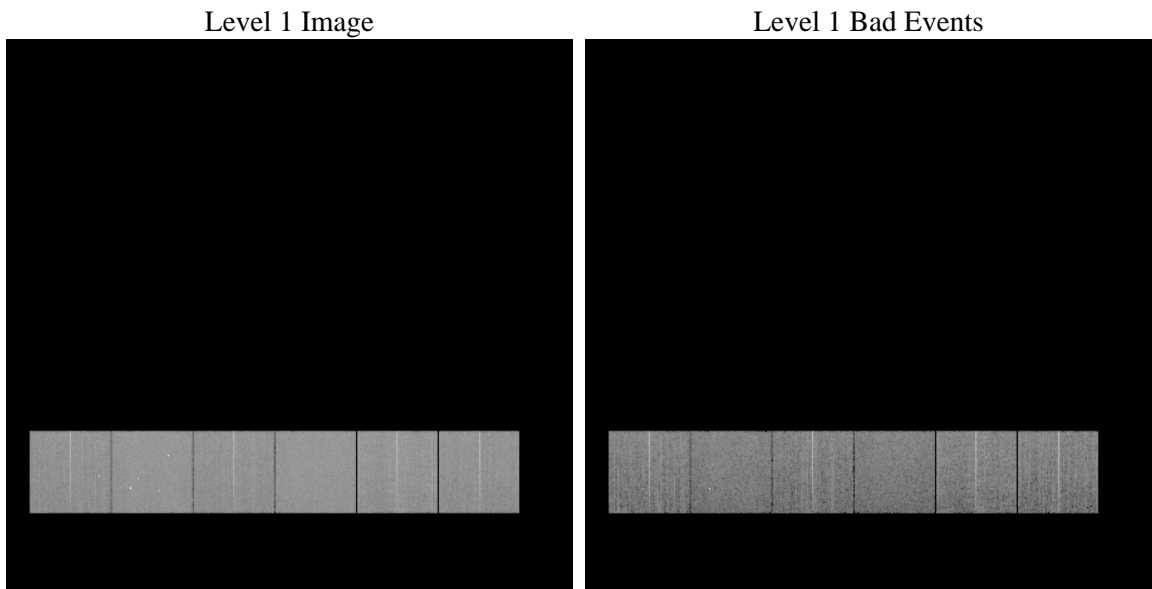
1 Front

seq_num	 	Sequence number
obs_id	58189	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	4.0384292694931	Nominal RA [deg]
dec_nom	-16.987331024046	Nominal Dec [deg]
roll_nom	359.90558424055	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.0110718608	Sum of GTIs [s]
livetime	8166.2785494639	Livetime [s]
ontime4	8270.8879518509	Sum of GTIs [s]
ontime5	8270.9700318575	Sum of GTIs [s]
ontime6	8270.9289918542	Sum of GTIs [s]
ontime7	8271.0110718608	Sum of GTIs [s]
ontime8	8270.8469118476	Sum of GTIs [s]
ontime9	8271.0521118641	Sum of GTIs [s]
l2events	716651	Number of level 2 events

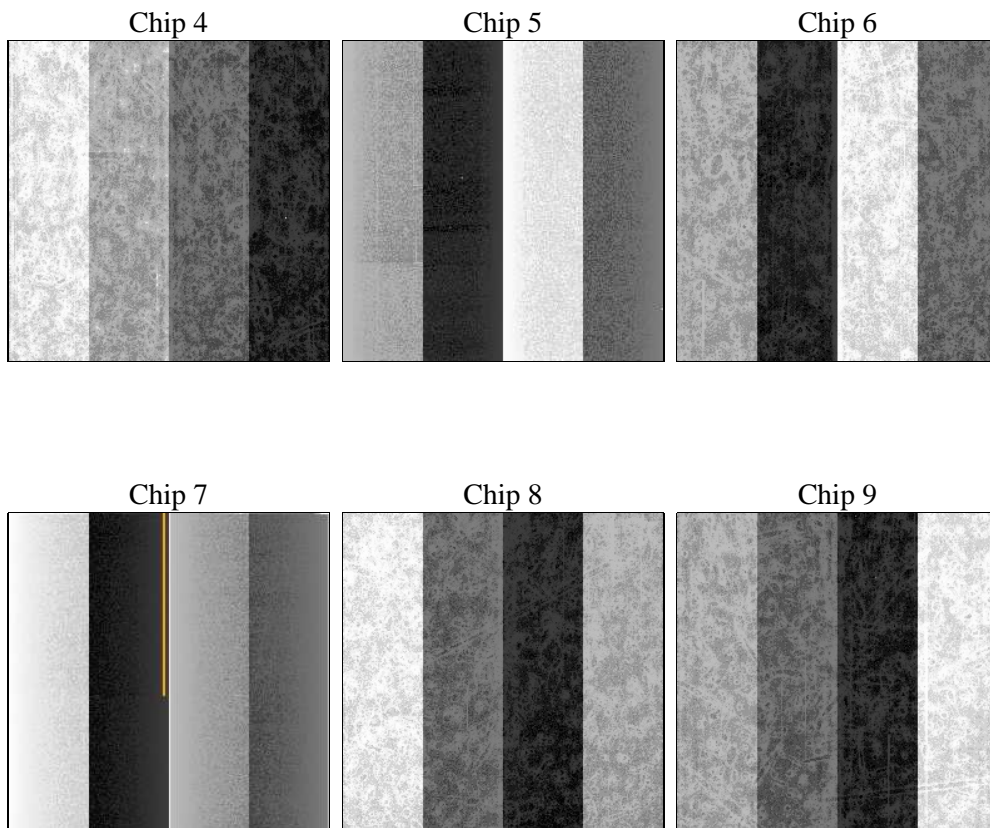
2 OBI

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	8.4.4	Processing system revision	ontime	8271.0110718608	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8270.8879518509	Sum of GTIs [s]
date	2012-05-01T23:19:47	Date and time of file creation	ontime5	8270.9700318575	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8270.9289918542	Sum of GTIs [s]
			ontime7	8271.0110718608	Sum of GTIs [s]
			ontime8	8270.8469118476	Sum of GTIs [s]
			ontime9	8271.0521118641	Sum of GTIs [s]
			l1events	1228605	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	192815	218562	194950	215731	214442	192105	grade 0 events	64337	26032	63488	30825	68325	61928
rejected events	80434	73120	75398	66337	82390	77013		33%	11%	32%	14%	31%	32%
rejected %	41%	33%	38%	30%	38%	40%	grade 1 events	645	287	391	176	405	460
								0%	0%	0%	0%	0%	0%
							grade 2 events	18056	52039	21089	32712	23747	19784
								9%	23%	10%	15%	11%	10%
							grade 3 events	7696	7386	7760	14318	9270	7774
								3%	3%	3%	6%	4%	4%
							grade 4 events	7743	7219	7707	14298	9358	7567
								4%	3%	3%	6%	4%	3%
							grade 5 events	4180	10526	4258	10895	5535	4873
								2%	4%	2%	5%	2%	2%
							grade 6 events	14549	52766	19508	57241	21352	18039
								7%	24%	10%	26%	9%	9%
							grade 7 events	75609	62307	70749	55266	76450	71680
								39%	28%	36%	25%	35%	37%

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	4.038429269493065	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-16.98733102404624	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	359.9055842405479			
[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)	307322607.118956	307322606.09396			
Observation start date	2007-09-27T23:23:27	2007-09-27T23:23:26			
[s] Observation end time (MET)	307338623.769728	307338622.74474			
Observation end date	2007-09-28T03:50:24	2007-09-28T03:50:22			
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)	2012.05.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2710110718608

A.2 Comments