

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59591 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 25 2012

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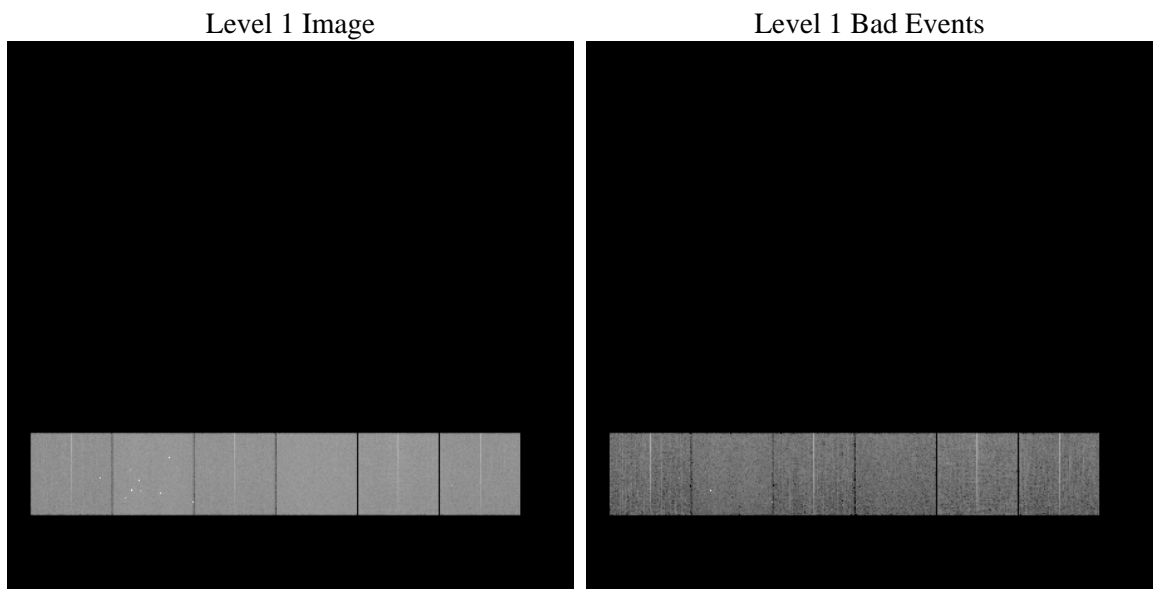
1 Front

seq_num	 	Sequence number
obs_id	59591	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	258.98868420739	Nominal RA [deg]
dec_nom	0.97370357787082	Nominal Dec [deg]
roll_nom	213.81463919417	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8277.5335281193	Sum of GTIs [s]
livetime	8172.718414454	Livetime [s]
ontime4	6864.3735808134	Sum of GTIs [s]
ontime5	8277.5220290422	Sum of GTIs [s]
ontime6	7386.2123270929	Sum of GTIs [s]
ontime7	8277.5335281193	Sum of GTIs [s]
ontime8	7664.8542335033	Sum of GTIs [s]
ontime9	7165.8782069981	Sum of GTIs [s]
l2events	1051039	Number of level 2 events

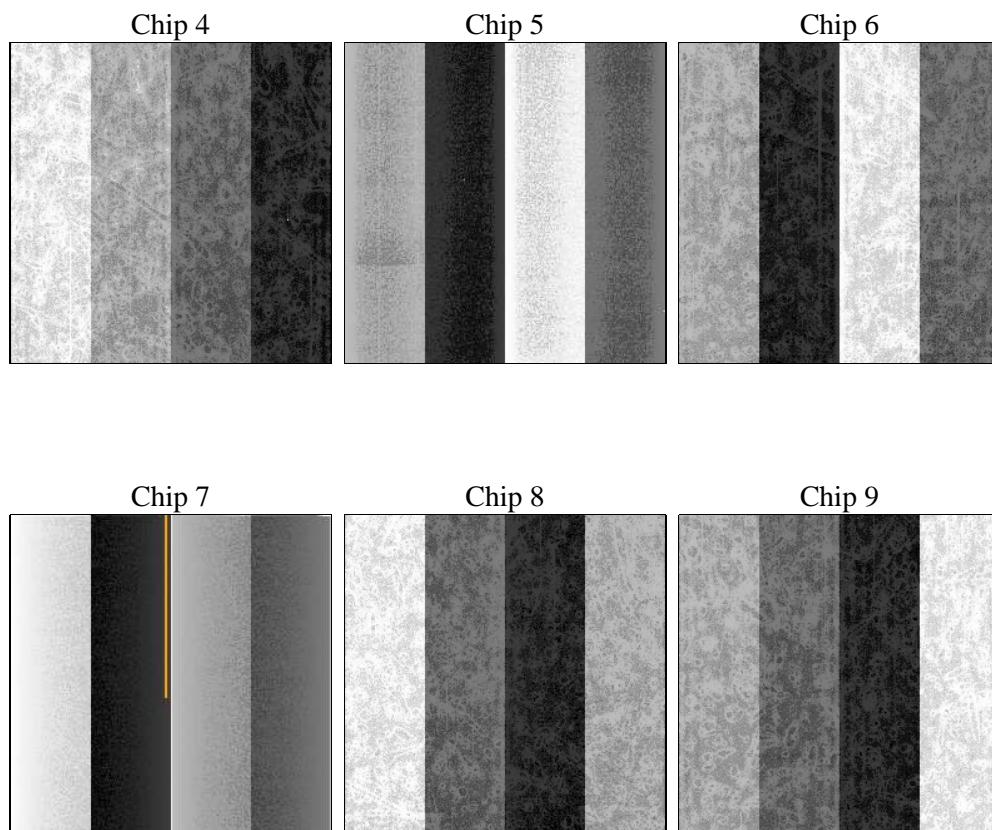
2 OBI

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	8.5.1.1	Processing system revision	ontime	8277.5335281193	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	6864.3735808134	Sum of GTIs [s]
date	2012-12-25T09:30:26	Date and time of file creation	ontime5	8277.5220290422	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7386.2123270929	Sum of GTIs [s]
			ontime7	8277.5335281193	Sum of GTIs [s]
			ontime8	7664.8542335033	Sum of GTIs [s]
			ontime9	7165.8782069981	Sum of GTIs [s]
			l1events	1489885	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	216088	272820	237950	273163	262305	227559	grade 0 events	92770	43898	97184	51180	104943	93784
rejected events	58472	64735	58059	53001	67358	58252		42%	16%	40%	18%	40%	41%
rejected %	27%	23%	24%	19%	25%	25%	grade 1 events	833	188	495	169	559	573
								0%	0%	0%	0%	0%	0%
							grade 2 events	23989	76648	31031	48660	34395	28441
								11%	28%	13%	17%	13%	12%
							grade 3 events	10446	10071	11231	21503	12945	10714
								4%	3%	4%	7%	4%	4%
							grade 4 events	10481	9995	11263	21447	12566	10891
								4%	3%	4%	7%	4%	4%
							grade 5 events	3046	9345	3721	9067	4521	3805
								1%	3%	1%	3%	1%	1%
							grade 6 events	19930	67473	29182	77372	30098	25477
								9%	24%	12%	28%	11%	11%
							grade 7 events	54593	55202	53843	43765	62278	53874
								25%	20%	22%	16%	23%	23%

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	258.9886842073939
[deg] Pointing Dec	0	0.9737035778708204
[deg] Pointing Roll	0.0	213.8146391941697
[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)	236261813.783177	236261812.75819
Observation start date	2005-06-27T12:16:54	2005-06-27T12:16:52
[s] Observation end time (MET)	236283123.534151	236283122.50916
Observation end date	2005-06-27T18:12:04	2005-06-27T18:12:02
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)	2013.01.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2775335281193

A.2 Comments