

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59624 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 25 2012

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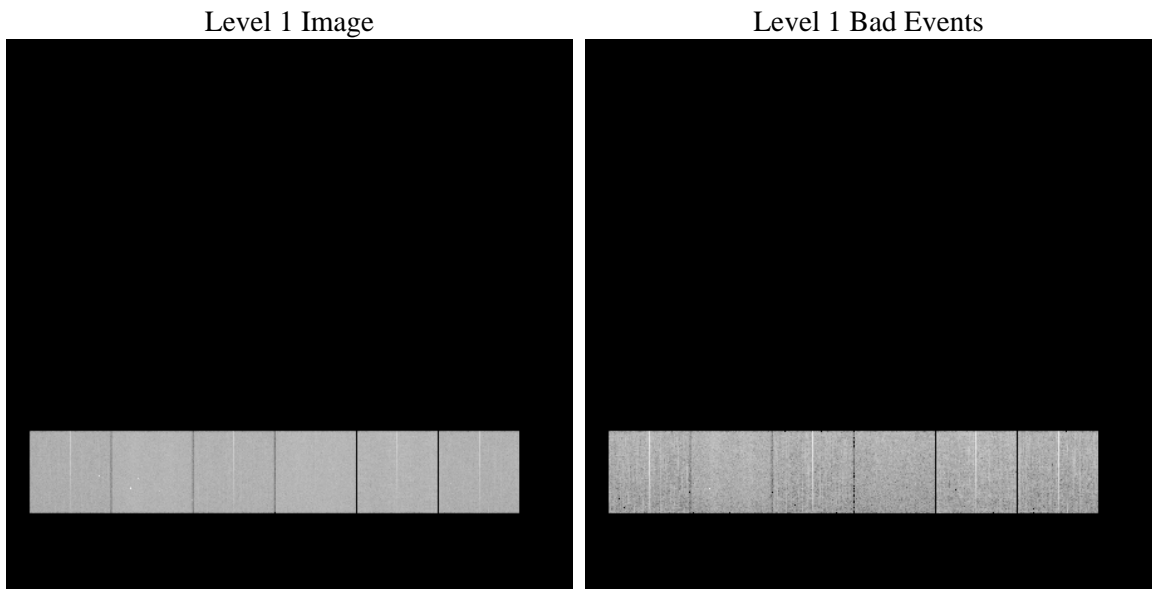
1 Front

seq_num	 	Sequence number
obs_id	59624	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	24.981314364078	Nominal RA [deg]
dec_nom	12.019809637384	Nominal Dec [deg]
roll_nom	109.99526320379	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8277.5094376206	Sum of GTIs [s]
livetime	8172.6946290037	Livetime [s]
ontime4	6994.058775574	Sum of GTIs [s]
ontime5	8277.5094376206	Sum of GTIs [s]
ontime6	7512.643307209	Sum of GTIs [s]
ontime7	8277.5094376206	Sum of GTIs [s]
ontime8	7817.2215399444	Sum of GTIs [s]
ontime9	7373.2815167606	Sum of GTIs [s]
l2events	1061167	Number of level 2 events

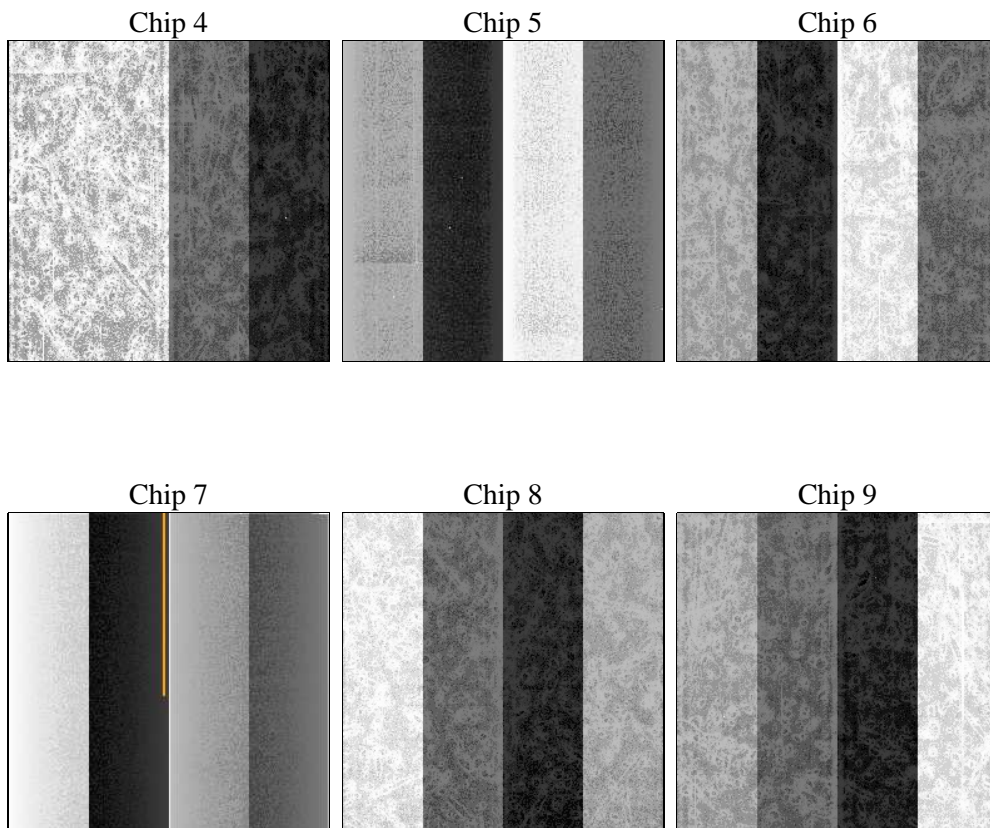
2 OBI

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	8277.5094376206	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	6994.058775574	Sum of GTIs [s]
date	2012-12-24T17:03:37	Date and time of file creation	ontime5	8277.5094376206	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7512.643307209	Sum of GTIs [s]
			ontime7	8277.5094376206	Sum of GTIs [s]
			ontime8	7817.2215399444	Sum of GTIs [s]
			ontime9	7373.2815167606	Sum of GTIs [s]
			l1events	1488518	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	216705	259881	241807	272412	264779	232934	grade 0 events	93757	33212	97944	49583	107365	96501
rejected events	58934	62862	59464	53153	66518	59217		43%	12%	40%	18%	40%	41%
rejected %	27%	24%	24%	19%	25%	25%	grade 1 events	769	248	471	159	555	539
								0%	0%	0%	0%	0%	0%
							grade 2 events	22833	78987	32690	48953	34292	28729
								10%	30%	13%	17%	12%	12%
							grade 3 events	10506	9480	11159	20973	13002	11128
								4%	3%	4%	7%	4%	4%
							grade 4 events	10566	8847	10925	20868	12705	11114
								4%	3%	4%	7%	4%	4%
							grade 5 events	3167	8774	3480	8925	4539	3731
								1%	3%	1%	3%	1%	1%
							grade 6 events	20109	66493	29625	78882	30897	26245
								9%	25%	12%	28%	11%	11%
							grade 7 events	54998	53840	55513	44069	61424	54947
								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	24.98131436407814
[deg] Pointing Dec	0	12.01980963738385
[deg] Pointing Roll	0.0	109.9952632037942
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	234662869.060191	234662868.03519
Observation start date	2005-06-09T00:07:49	2005-06-09T00:07:48
[s] Observation end time (MET)	234686148.861254	234686147.83625
Observation end date	2005-06-09T06:35:49	2005-06-09T06:35:47
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	8.2775094376206

A.2 Comments