

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62053 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 27 2012

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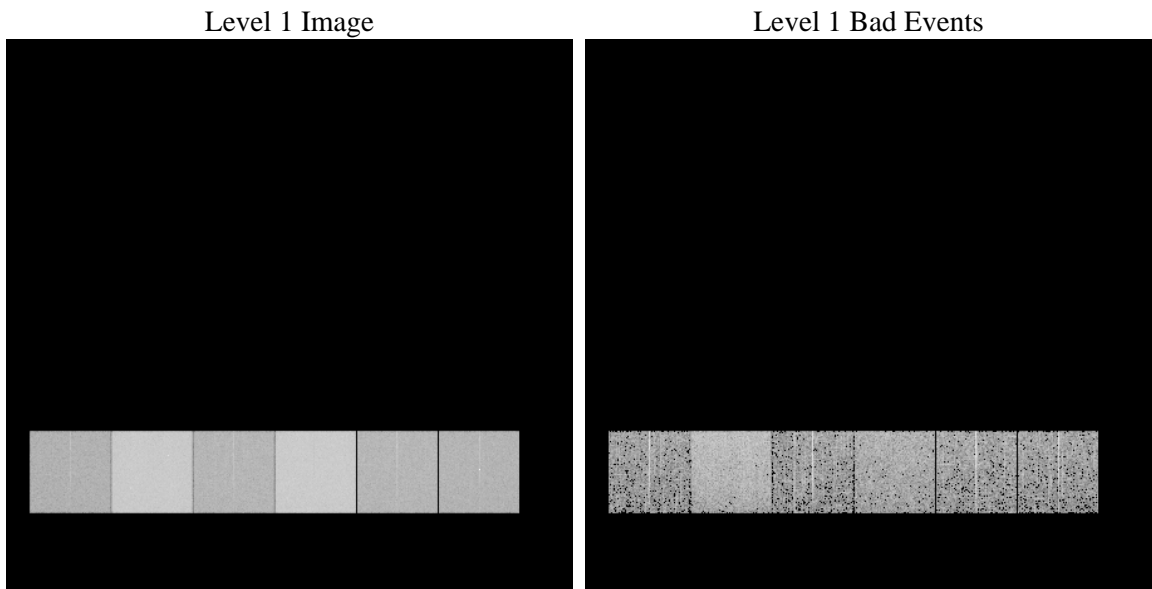
1 Front

seq_num	 	Sequence number
obs_id	62053	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	10.875830935125	Nominal RA [deg]
dec_nom	-58.245899720791	Nominal Dec [deg]
roll_nom	139.50691327365	Nominal Roll [deg]
revision	5	Processing version of data
ontime	4098.0780154467	Sum of GTIs [s]
livetime	4046.1856840487	Livetime [s]
ontime4	1677.0341320485	Sum of GTIs [s]
ontime5	4415.6939028651	Sum of GTIs [s]
ontime6	1836.2122561038	Sum of GTIs [s]
ontime7	4098.0780154467	Sum of GTIs [s]
ontime8	1884.4605220705	Sum of GTIs [s]
ontime9	1784.2326059192	Sum of GTIs [s]
l2events	1239892	Number of level 2 events

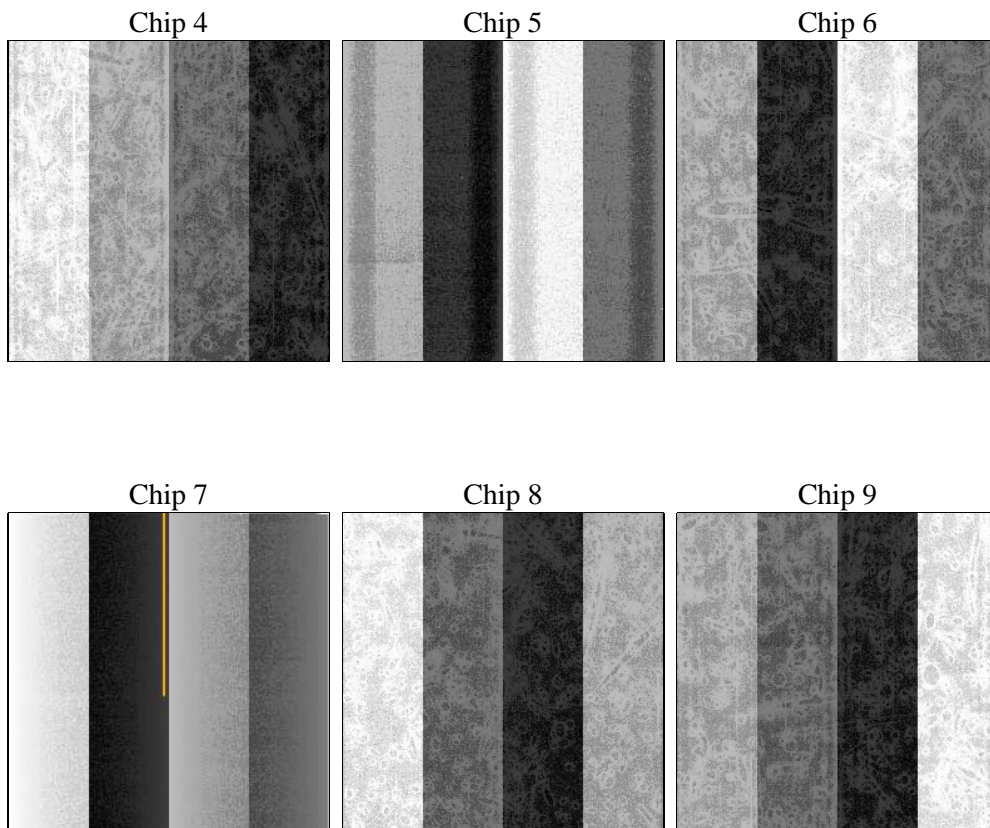
2 OBI

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	8.4.5	Processing system revision	ontime	4098.0780154467	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1677.0341320485	Sum of GTIs [s]
date	2012-08-27T22:23:14	Date and time of file creation	ontime5	4415.6939028651	Sum of GTIs [s]
revision	5	Processing version of data	ontime6	1836.2122561038	Sum of GTIs [s]
			ontime7	4098.0780154467	Sum of GTIs [s]
			ontime8	1884.4605220705	Sum of GTIs [s]
			ontime9	1784.2326059192	Sum of GTIs [s]
			l1events	1413499	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	150976	362342	178054	374317	181154	166656	grade 0 events	76444	87610	88823	92044	90184	82279
rejected events	16118	32255	16807	21621	18295	16715		50%	24%	49%	24%	49%	49%
rejected %	10%	8%	9%	5%	10%	10%	grade 1 events	438	246	470	256	439	526
								0%	0%	0%	0%	0%	0%
							grade 2 events	23559	111641	27902	79343	28752	26393
								15%	30%	15%	21%	15%	15%
							grade 3 events	8453	23029	9863	36016	10109	9257
								5%	6%	5%	9%	5%	5%
							grade 4 events	8374	23049	9840	36130	10186	9298
								5%	6%	5%	9%	5%	5%
							grade 5 events	1127	6734	1259	5023	1435	1258
								0%	1%	0%	1%	0%	0%
							grade 6 events	18028	84758	24819	109163	23628	22714
								11%	23%	13%	29%	13%	13%
							grade 7 events	14553	25275	15078	16342	16421	14931
								9%	6%	8%	4%	9%	8%

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	10.87583093512478
[deg] Pointing Dec	0	-58.24589972079055
[deg] Pointing Roll	0.0	139.5069132736466
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	74922915.915603	74922915.14713401
Observation start date	2000-05-17T03:55:16	2000-05-17T03:55:15
[s] Observation end time (MET)	74971205.717373	74971204.948907
Observation end date	2000-05-17T17:20:06	2000-05-17T17:20:04
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)	2012.08.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.0980780154467

A.2 Comments