

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62122 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 24 2012

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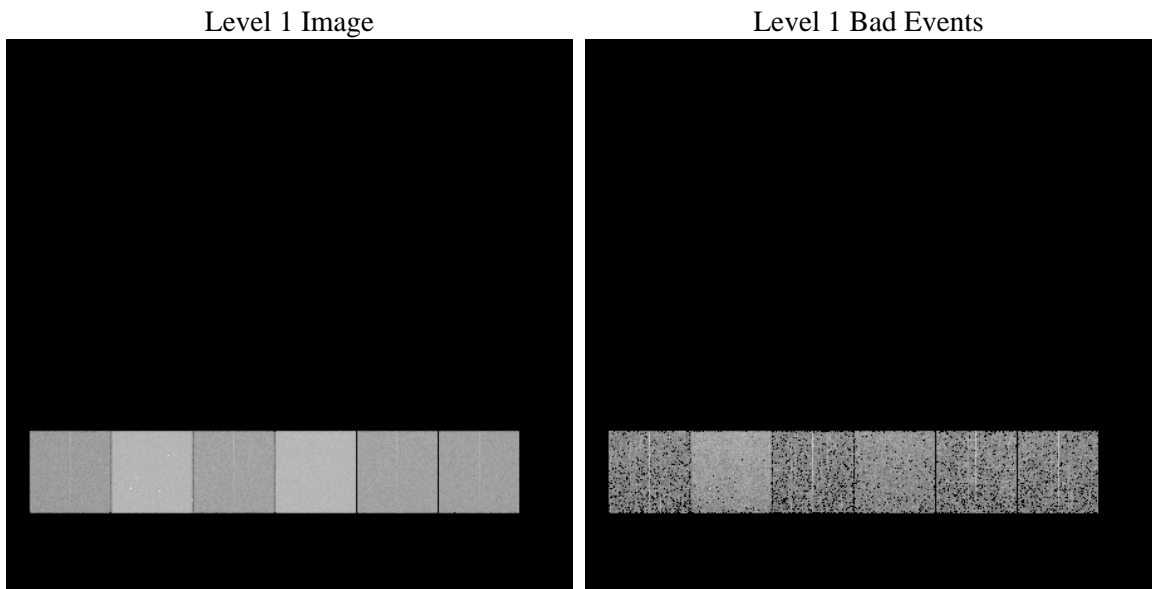
1 Front

seq_num	 	Sequence number
obs_id	62122	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	88.834401952113	Nominal RA [deg]
dec_nom	-60.023176163365	Nominal Dec [deg]
roll_nom	274.31713350235	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2949.5925801694	Sum of GTIs [s]
livetime	2912.2430628879	Livetime [s]
ontime4	1171.7737673521	Sum of GTIs [s]
ontime5	3144.0507920831	Sum of GTIs [s]
ontime6	1317.5795568824	Sum of GTIs [s]
ontime7	2949.5925801694	Sum of GTIs [s]
ontime8	1325.8388832361	Sum of GTIs [s]
ontime9	1278.5639370829	Sum of GTIs [s]
l2events	928485	Number of level 2 events

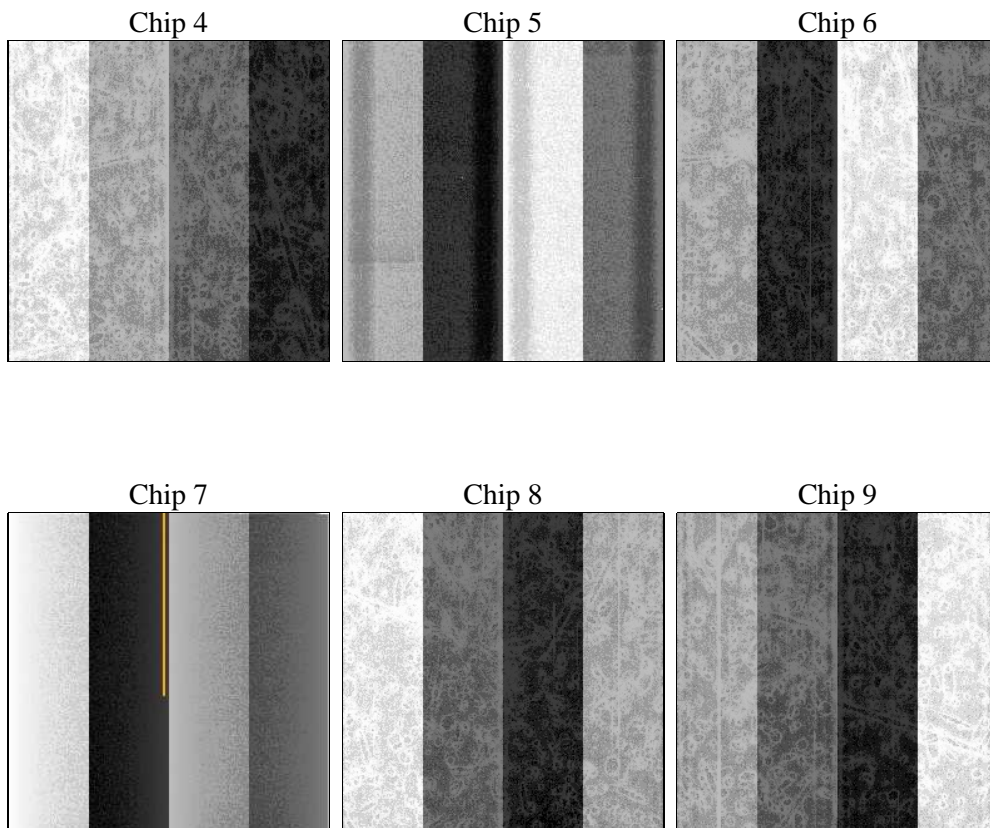
2 OBI

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	8.4.5	Processing system revision	ontime	2949.5925801694	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1171.7737673521	Sum of GTIs [s]
date	2012-08-24T10:30:26	Date and time of file creation	ontime5	3144.0507920831	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	1317.5795568824	Sum of GTIs [s]
			ontime7	2949.5925801694	Sum of GTIs [s]
			ontime8	1325.8388832361	Sum of GTIs [s]
			ontime9	1278.5639370829	Sum of GTIs [s]
			l1events	1063703	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	111966	274605	133279	283828	135195	124830	grade 0 events	55982	64617	65546	69352	66673	61615
rejected events	12948	25815	12916	16234	14002	12809		49%	23%	49%	24%	49%	49%
rejected %	11%	9%	9%	5%	10%	10%	grade 1 events	353	404	357	227	399	352
								0%	0%	0%	0%	0%	0%
							grade 2 events	17401	86518	20944	59679	21391	19783
								15%	31%	15%	21%	15%	15%
							grade 3 events	6095	16517	7354	27517	7614	6852
								5%	6%	5%	9%	5%	5%
							grade 4 events	6078	16502	7537	27142	7636	7058
								5%	6%	5%	9%	5%	5%
							grade 5 events	867	5432	977	3794	1027	1010
								0%	1%	0%	1%	0%	0%
							grade 6 events	13462	64636	18982	83904	17879	17039
								12%	23%	14%	29%	13%	13%
							grade 7 events	11728	19979	11582	12213	12576	11121
								10%	7%	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	88.8344019521135
[deg] Pointing Dec	0	-60.02317616336529
[deg] Pointing Roll	0.0	274.3171335023521
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	69443011.515	69443010.746279
Observation start date	2000-03-14T17:43:32	2000-03-14T17:43:30
[s] Observation end time (MET)	69484310.816	69484310.04778901
Observation end date	2000-03-15T05:11:51	2000-03-15T05:11:50
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	0.000000	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)	2012.08.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.9495925801694

A.2 Comments