

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61861 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 3 2012

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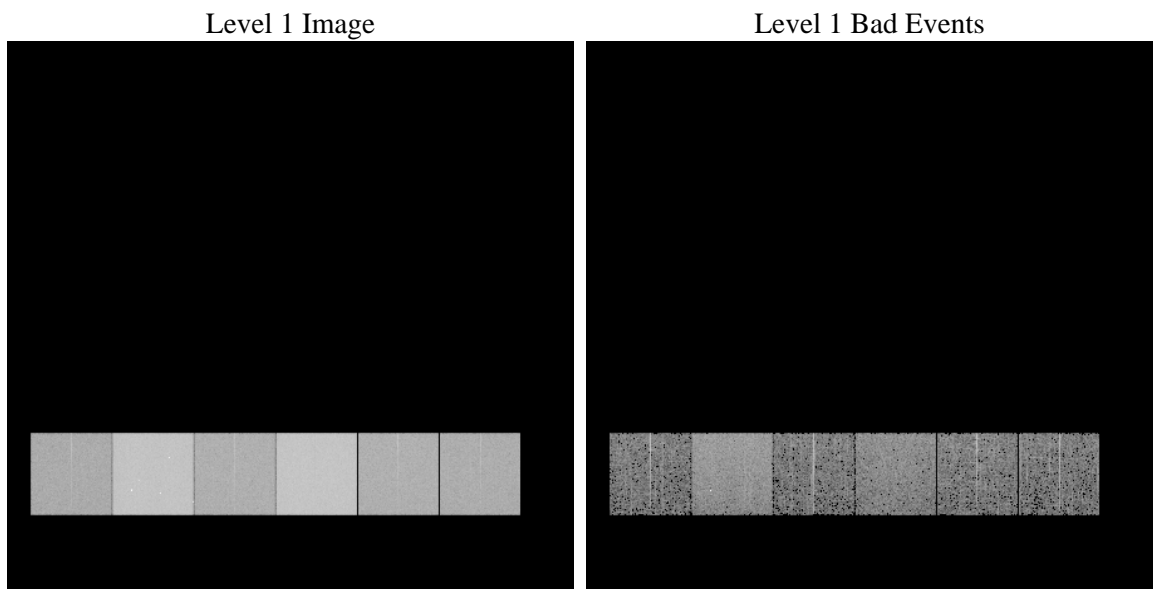
1 Front

seq_num	 	Sequence number
obs_id	61861	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	176.35086233675	Nominal RA [deg]
dec_nom	59.518234696411	Nominal Dec [deg]
roll_nom	46.367399879634	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5088.4051804245	Sum of GTIs [s]
livetime	5023.9727301602	Livetime [s]
ontime4	2096.9510997236	Sum of GTIs [s]
ontime5	5457.835638091	Sum of GTIs [s]
ontime6	2281.6098613441	Sum of GTIs [s]
ontime7	5088.4051804245	Sum of GTIs [s]
ontime8	2313.938041687	Sum of GTIs [s]
ontime9	2190.9411797523	Sum of GTIs [s]
l2events	1355196	Number of level 2 events

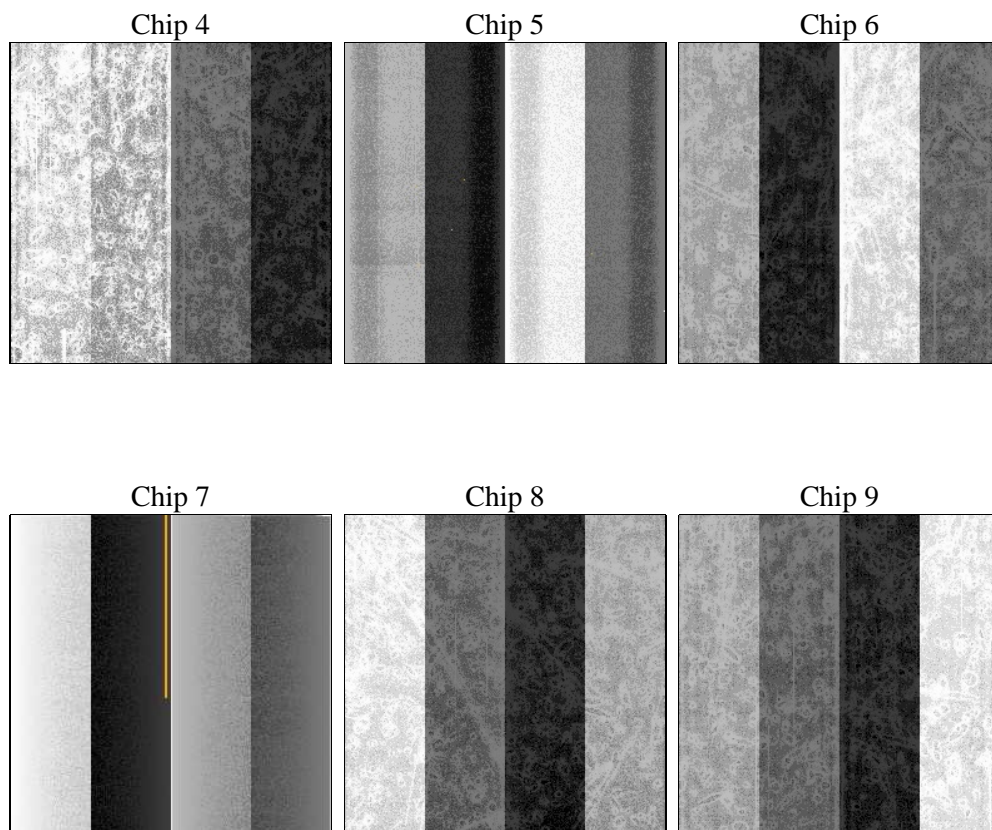
2 OBI

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	5088.4051804245	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	2096.9510997236	Sum of GTIs [s]
date	2012-09-03T07:38:23	Date and time of file creation	ontime5	5457.835638091	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2281.6098613441	Sum of GTIs [s]
			ontime7	5088.4051804245	Sum of GTIs [s]
			ontime8	2313.938041687	Sum of GTIs [s]
			ontime9	2190.9411797523	Sum of GTIs [s]
			l1events	1554718	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	168135	398576	195608	411932	199472	180995	grade 0 events	84752	86073	97074	98859	99296	89313
rejected events	18312	40482	18486	25873	19922	18091		50%	21%	49%	23%	49%	49%
rejected %	10%	10%	9%	6%	9%	9%	grade 1 events	470	286	453	253	531	521
								0%	0%	0%	0%	0%	0%
							grade 2 events	26321	130783	30533	85198	31662	28708
								15%	32%	15%	20%	15%	15%
							grade 3 events	9192	22620	10929	39864	11324	10024
								5%	5%	5%	9%	5%	5%
							grade 4 events	9263	22355	10825	38860	11177	10019
								5%	5%	5%	9%	5%	5%
							grade 5 events	1315	8234	1453	5815	1497	1444
								0%	2%	0%	1%	0%	0%
							grade 6 events	20295	96263	27761	123278	26091	24840
								12%	24%	14%	29%	13%	13%
							grade 7 events	16527	31962	16580	19805	17894	16126
								9%	8%	8%	4%	8%	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	176.350862336749
[deg] Pointing Dec	0	59.51823469641079
[deg] Pointing Roll	0.0	46.3673998796336
[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)	89817125.87100001	89817125.102577
Observation start date	2000-11-05T13:12:06	2000-11-05T13:12:05
[s] Observation end time (MET)	89827847.37100001	89827846.602982
Observation end date	2000-11-05T16:10:47	2000-11-05T16:10:46
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)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0884051804245

A.2 Comments