

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57771 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 16 2012

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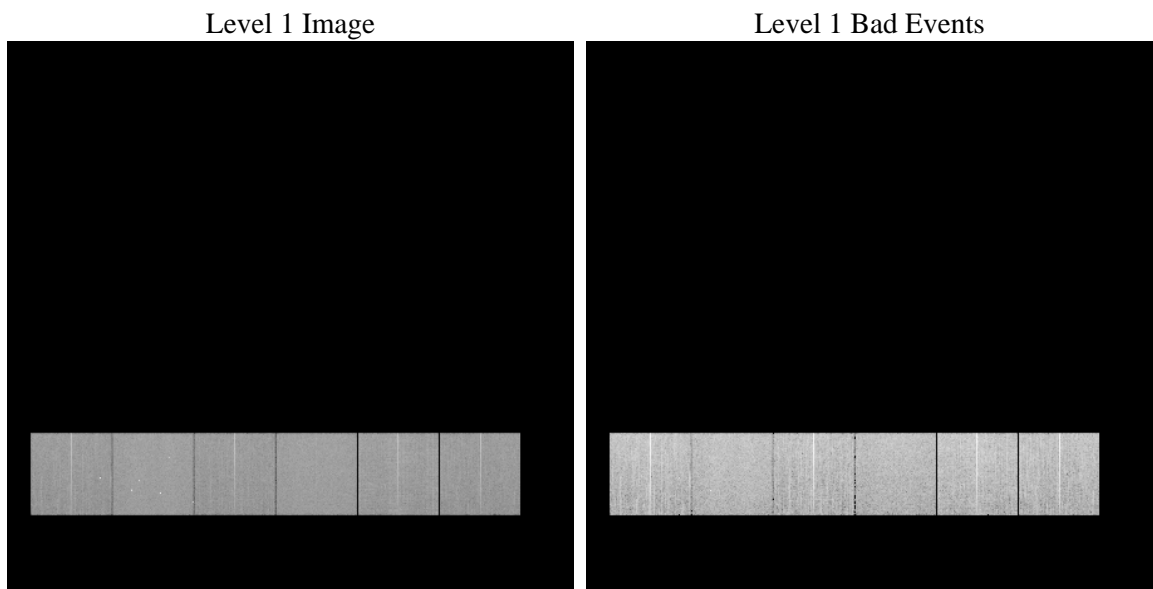
1 Front

seq_num	 	Sequence number
obs_id	57771	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	239.99399271051	Nominal RA [deg]
dec_nom	-6.0281348915787	Nominal Dec [deg]
roll_nom	225.13566889659	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8249.2528734207	Sum of GTIs [s]
livetime	8144.7958664337	Livetime [s]
ontime4	8249.1297534108	Sum of GTIs [s]
ontime5	8249.2118334174	Sum of GTIs [s]
ontime6	8249.1707934141	Sum of GTIs [s]
ontime7	8249.2528734207	Sum of GTIs [s]
ontime8	8249.0887134075	Sum of GTIs [s]
ontime9	8249.293913424	Sum of GTIs [s]
l2events	611370	Number of level 2 events

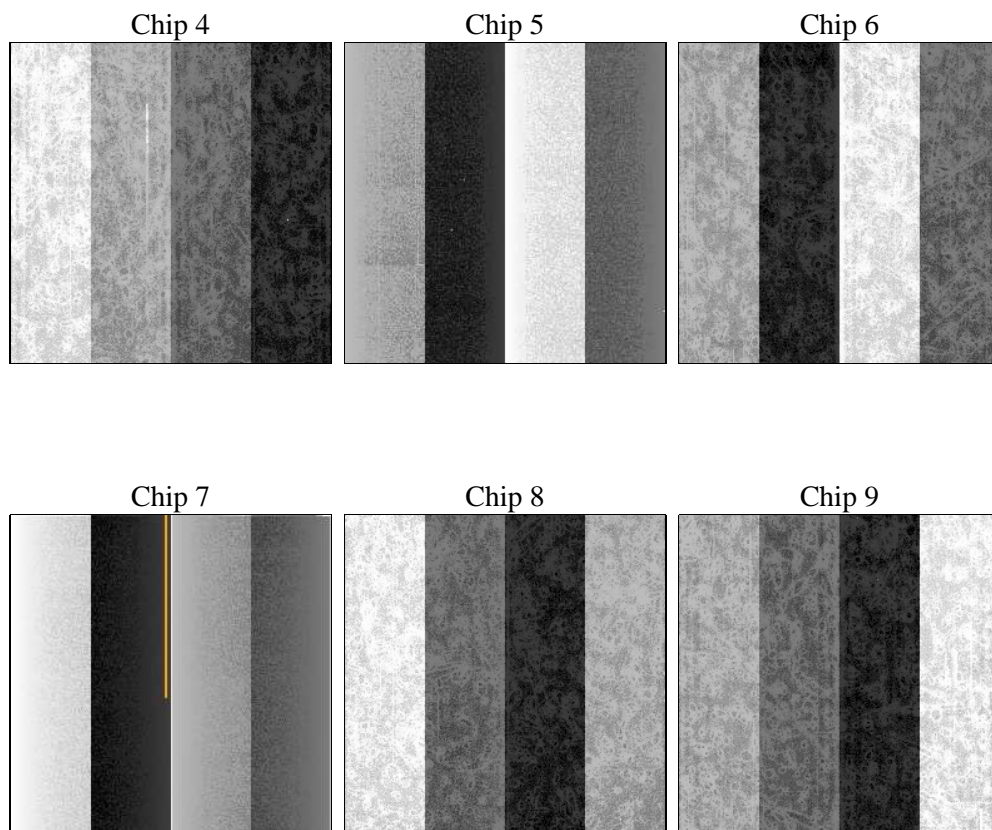
2 OBI

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	8.4.4	Processing system revision	ontime	8249.2528734207	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8249.1297534108	Sum of GTIs [s]
date	2012-05-16T06:17:51	Date and time of file creation	ontime5	8249.2118334174	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8249.1707934141	Sum of GTIs [s]
			ontime7	8249.2528734207	Sum of GTIs [s]
			ontime8	8249.0887134075	Sum of GTIs [s]
			ontime9	8249.293913424	Sum of GTIs [s]
			l1events	1112020	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	173887	200039	173864	196610	195056	172564	grade 0 events	54729	20080	53149	25657	57042	52004
rejected events	79701	71414	73866	66169	82838	76240		31%	10%	30%	13%	29%	30%
rejected %	45%	35%	42%	33%	42%	44%	grade 1 events	524	210	309	174	332	369
								0%	0%	0%	0%	0%	0%
							grade 2 events	14680	47212	17849	28658	20640	16686
								8%	23%	10%	14%	10%	9%
							grade 3 events	6656	5959	6369	12394	7932	6306
								3%	2%	3%	6%	4%	3%
							grade 4 events	6360	5643	6351	12131	7807	6460
								3%	2%	3%	6%	4%	3%
							grade 5 events	4006	9315	4282	10573	5454	4692
								2%	4%	2%	5%	2%	2%
							grade 6 events	12036	50143	16623	52065	19142	15180
								6%	25%	9%	26%	9%	8%
							grade 7 events	74896	61477	68932	54958	76707	70867
								43%	30%	39%	27%	39%	41%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	239.9939927105065	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-6.028134891578728	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	225.1356688965877			
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	329484026.593864	329484025.56887			
Observation start date	2008-06-10T11:20:27	2008-06-10T11:20:25			
[s] Observation end time (MET)	329497109.694503	329497108.66951			
Observation end date	2008-06-10T14:58:30	2008-06-10T14:58:28			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2492528734207

A.2 Comments