

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 59989 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 10 2012

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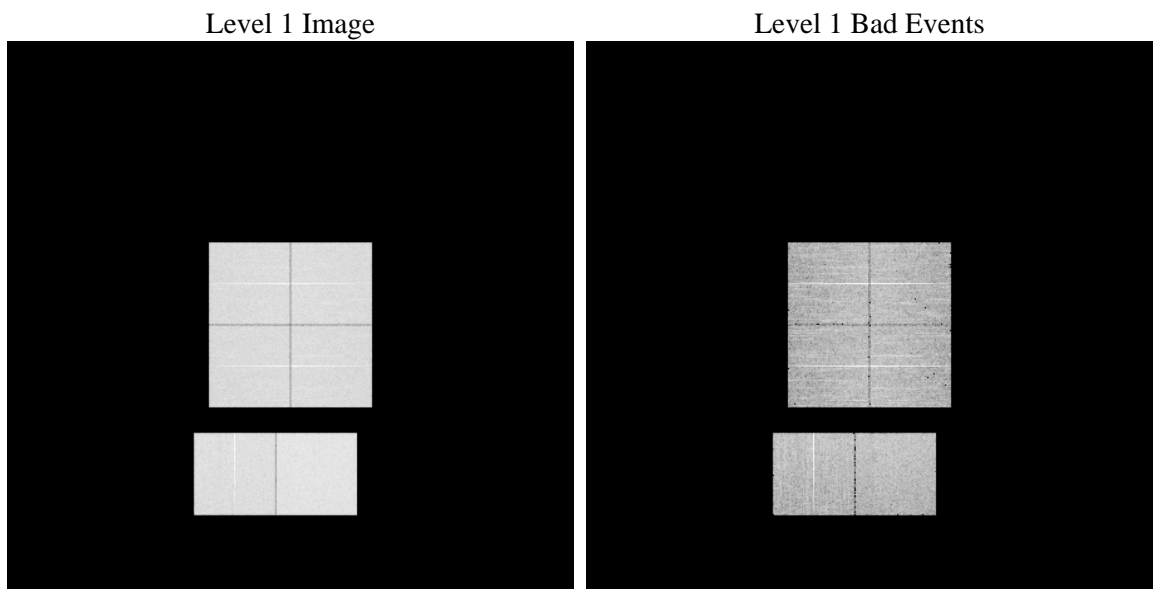
1 Front

seq_num	 	Sequence number
obs_id	59989	Observation id
title	ACIS-012367 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	25.526352486229	Nominal RA [deg]
dec_nom	8.9880898119144	Nominal Dec [deg]
roll_nom	302.5206735522	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8220.7999693751	Sum of GTIs [s]
livetime	8116.7032501914	Livetime [s]
ontime0	6704.3031521738	Sum of GTIs [s]
ontime1	6791.5305814743	Sum of GTIs [s]
ontime2	6399.3720106781	Sum of GTIs [s]
ontime3	6447.9876406789	Sum of GTIs [s]
ontime6	7034.603643626	Sum of GTIs [s]
ontime7	8220.7999693751	Sum of GTIs [s]
l2events	1121571	Number of level 2 events

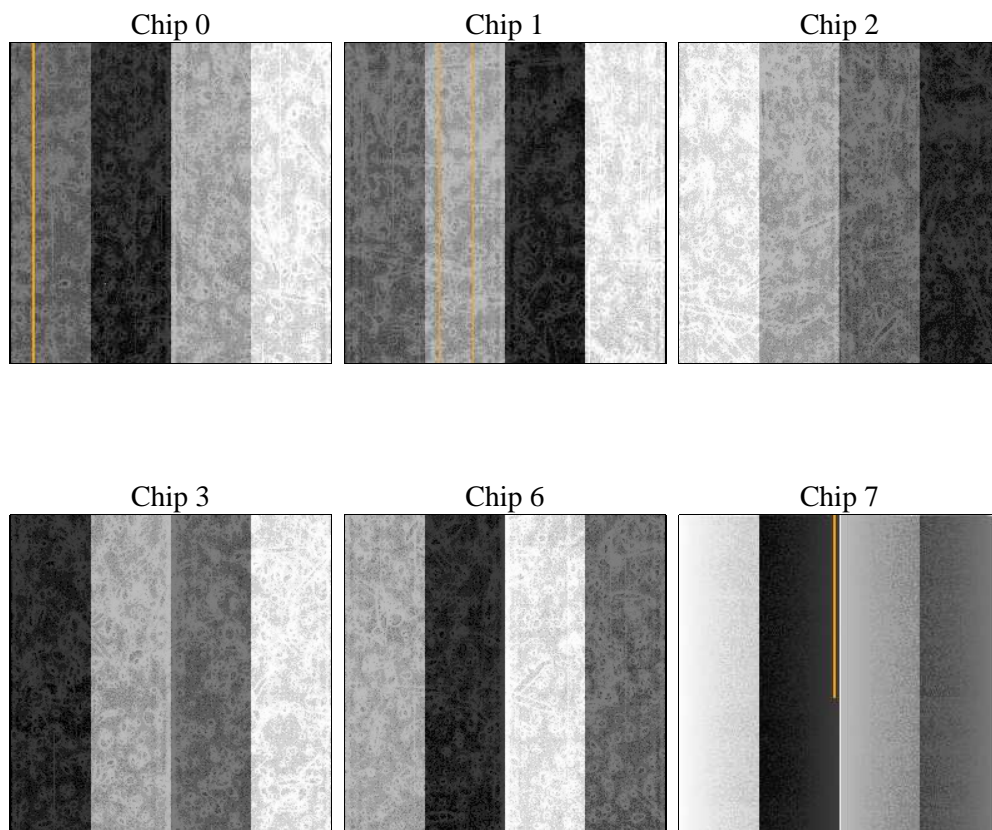
2 OBI

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	Processing system revision	ontime	8220.7999693751	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	6704.3031521738	Sum of GTIs [s]
date	2012-12-10T15:02:04	Date and time of file creation	ontime1	6791.5305814743	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6399.3720106781	Sum of GTIs [s]
			ontime3	6447.9876406789	Sum of GTIs [s]
			ontime6	7034.603643626	Sum of GTIs [s]
			ontime7	8220.7999693751	Sum of GTIs [s]
			l1events	1497435	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	234161	239109	227109	232045	257980	307031	grade 0 events	101425	102632	99198	100602	109595	60104
rejected events	50679	52681	50476	53727	56529	55060		43%	42%	43%	43%	42%	19%
rejected %	21%	22%	22%	23%	21%	17%	grade 1 events	657	585	696	632	630	220
								0%	0%	0%	0%	0%	0%
							grade 2 events	32375	33435	30059	30715	35026	55745
								13%	13%	13%	13%	13%	18%
							grade 3 events	11919	11981	11740	11702	12892	25656
								5%	5%	5%	5%	4%	8%
							grade 4 events	12164	12032	11571	11792	12616	24902
								5%	5%	5%	5%	4%	8%
							grade 5 events	3078	3095	2841	3202	3629	9439
								1%	1%	1%	1%	1%	3%
							grade 6 events	26842	27766	25130	24918	32723	87405
								11%	11%	11%	10%	12%	28%
							grade 7 events	45701	47583	45874	48482	50869	43560
								19%	19%	20%	20%	19%	14%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	25.52635248622861
[deg] Pointing Dec	0	8.988089811914387
[deg] Pointing Roll	0.0	302.5206735522004
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	215241280.931588	215241279.9066
Observation start date	2004-10-27T05:14:41	2004-10-27T05:14:39
[s] Observation end time (MET)	215263144.182567	215263143.15758
Observation end date	2004-10-27T11:19:04	2004-10-27T11:19:03
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2207999693751

A.2 Comments