

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55478 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

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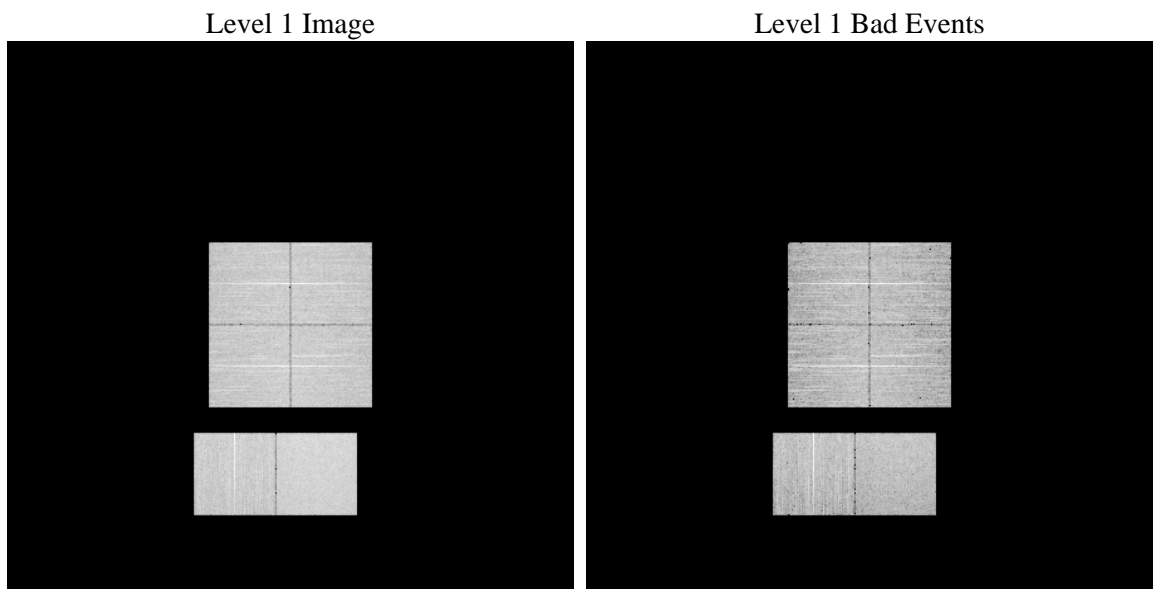
1 Front

seq_num	 	Sequence number
obs_id	55478	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	217.97288107044	Nominal RA [deg]
dec_nom	12.389122017508	Nominal Dec [deg]
roll_nom	169.44790980201	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8281.5999692082	Sum of GTIs [s]
livetime	8176.7333638173	Livetime [s]
ontime0	8281.5999692082	Sum of GTIs [s]
ontime1	8281.5999692082	Sum of GTIs [s]
ontime2	8281.5999692082	Sum of GTIs [s]
ontime3	8281.5999692082	Sum of GTIs [s]
ontime6	8281.5999692082	Sum of GTIs [s]
ontime7	8281.5999692082	Sum of GTIs [s]
l2events	305781	Number of level 2 events

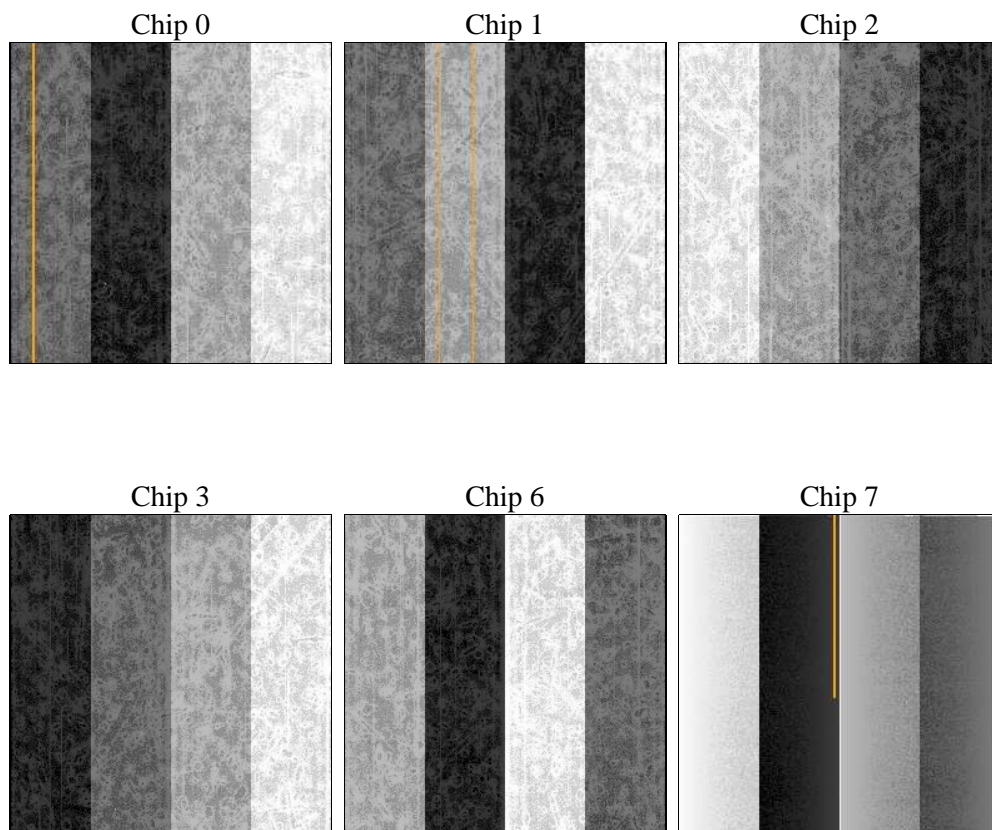
2 OBI

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	8.4.3	Processing system revision	ontime	8281.5999692082	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	8281.5999692082	Sum of GTIs [s]
date	2012-02-09T00:25:06	Date and time of file creation	ontime1	8281.5999692082	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8281.5999692082	Sum of GTIs [s]
			ontime3	8281.5999692082	Sum of GTIs [s]
			ontime6	8281.5999692082	Sum of GTIs [s]
			ontime7	8281.5999692082	Sum of GTIs [s]
			l1events	695902	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	107326	108991	111053	110239	117078	141215	grade 0 events	23547	20740	24823	25382	19515	12240
rejected events	58629	59930	63074	61466	67427	62113		21%	19%	22%	23%	16%	8%
rejected %	54%	54%	56%	55%	57%	43%	grade 1 events	131	111	150	153	83	98
								0%	0%	0%	0%	0%	0%
							grade 2 events	11249	14081	9423	9737	15479	17469
								10%	12%	8%	8%	13%	12%
							grade 3 events	2990	2639	3090	2985	2318	6538
								2%	2%	2%	2%	1%	4%
							grade 4 events	2921	2715	3060	3142	2451	6322
								2%	2%	2%	2%	2%	4%
							grade 5 events	3023	2923	2794	3420	2990	8617
								2%	2%	2%	3%	2%	6%
							grade 6 events	7990	8886	7583	7555	9888	36566
								7%	8%	6%	6%	8%	25%
							grade 7 events	55475	56896	60130	57865	64354	53365
								51%	52%	54%	52%	54%	37%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	217.972881070445	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	12.38912201750755	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	169.4479098020129	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	420183927.025624	420183926.00062			
Observation start date	2011-04-26T05:45:27	2011-04-26T05:45:26			
[s] Observation end time (MET)	420194107.326153	420194106.30115			
Observation end date	2011-04-26T08:35:07	2011-04-26T08:35:06			
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)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2815999692082

A.2 Comments