

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55377 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 11 2012

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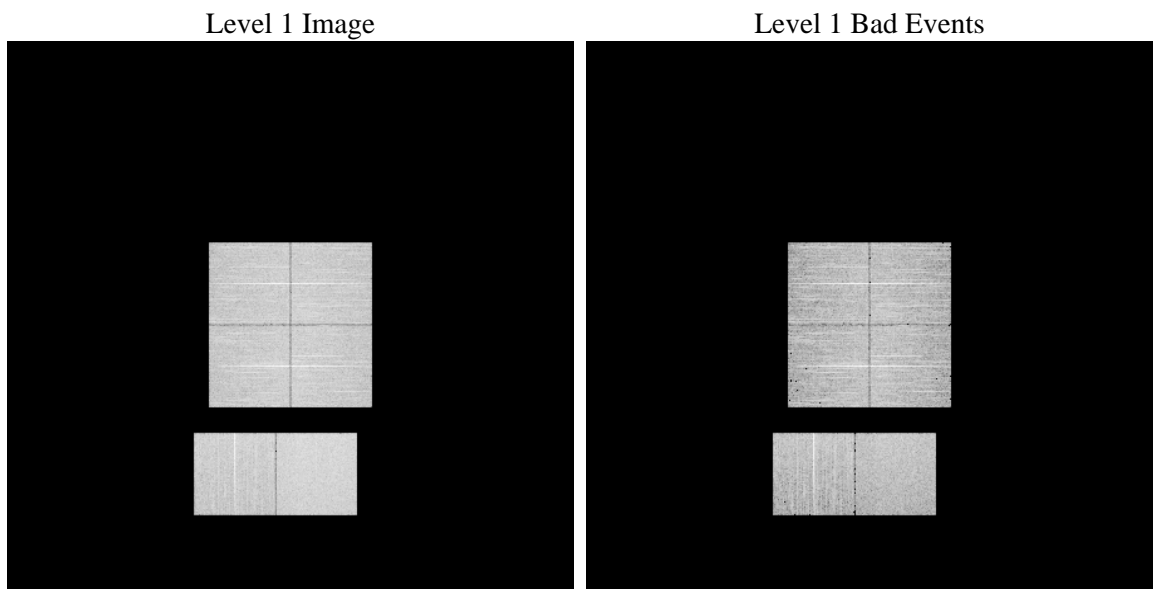
1 Front

seq_num	 	Sequence number
obs_id	55377	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	244.88134346399	Nominal RA [deg]
dec_nom	1.0781177686618	Nominal Dec [deg]
roll_nom	196.79571699126	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8281.5999692082	Sum of GTIs [s]
livetime	8176.7333638173	Livetime [s]
ontime0	8278.358948946	Sum of GTIs [s]
ontime1	8278.3590284586	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	301066	Number of level 2 events

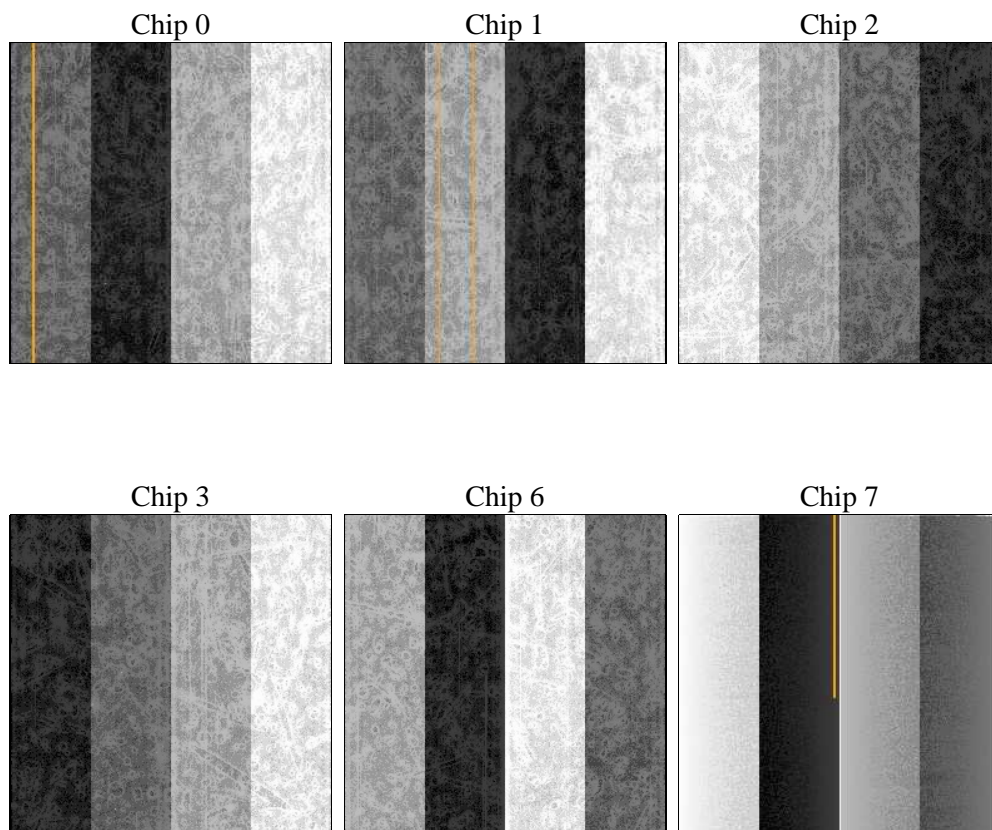
2 OBI

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	8278.358948946	Sum of GTIs [s]
date	2012-02-11T18:39:47	Date and time of file creation	ontime1	8278.3590284586	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	672781	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	104771	107271	106627	108785	109258	136069	grade 0 events	24975	22860	25908	25929	22347	11973
rejected events	56398	58722	58700	60515	60185	59527		23%	21%	24%	23%	20%	8%
rejected %	53%	54%	55%	55%	55%	43%	grade 1 events	149	99	158	152	104	118
								0%	0%	0%	0%	0%	0%
							grade 2 events	9449	11720	8376	8489	12067	17203
								9%	10%	7%	7%	11%	12%
							grade 3 events	3231	2979	3173	3146	2745	6282
								3%	2%	2%	2%	2%	4%
							grade 4 events	3152	2888	3264	3378	2811	6090
								3%	2%	3%	3%	2%	4%
							grade 5 events	3075	3115	2879	3520	3084	8226
								2%	2%	2%	3%	2%	6%
							grade 6 events	7566	8102	7206	7328	9103	34994
								7%	7%	6%	6%	8%	25%
							grade 7 events	53174	55508	55663	56843	56997	51183
								50%	51%	52%	52%	52%	37%

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	244.881343463992
[deg] Pointing Dec	0	1.078117768661799
[deg] Pointing Roll	0.0	196.7957169912607
[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)	423608917.55354	423608916.52854
Observation start date	2011-06-04T21:08:38	2011-06-04T21:08:36
[s] Observation end time (MET)	423618917.45406	423618916.42906
Observation end date	2011-06-04T23:55:17	2011-06-04T23:55:16
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
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)	2012.02.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2815999692082

A.2 Comments