

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57486 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 24 2012

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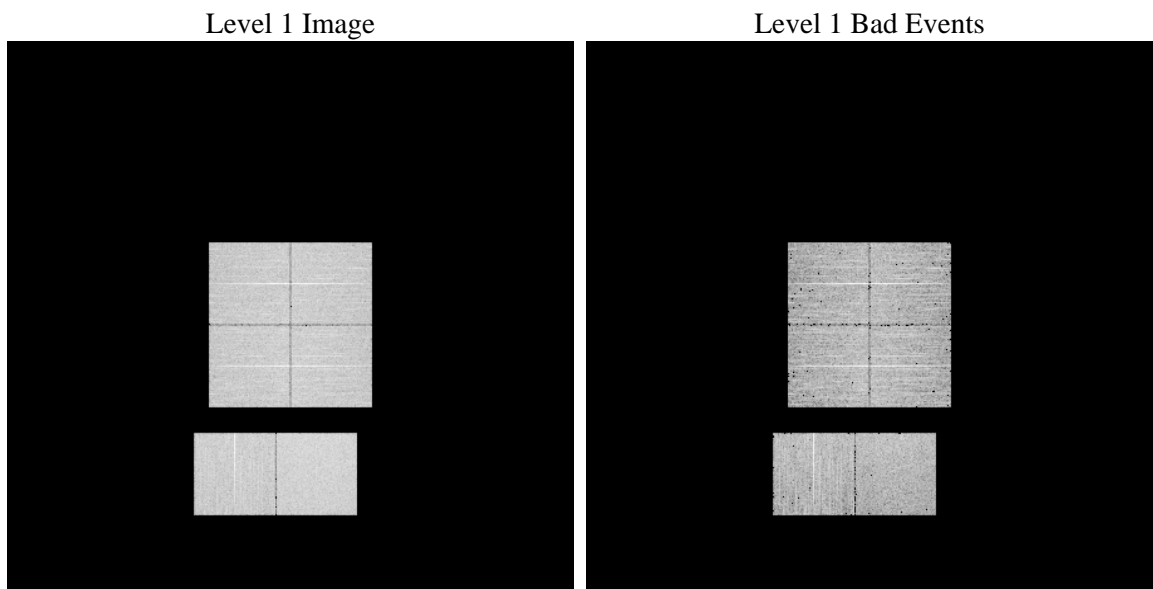
1 Front

seq_num	 	Sequence number
obs_id	57486	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	43.028021511891	Nominal RA [deg]
dec_nom	-0.0026455248397141	Nominal Dec [deg]
roll_nom	322.99162883261	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4473.5999833941	Sum of GTIs [s]
livetime	4416.9525667259	Livetime [s]
ontime0	4473.5999833941	Sum of GTIs [s]
ontime1	4473.5999833941	Sum of GTIs [s]
ontime2	4473.5999833941	Sum of GTIs [s]
ontime3	4473.5999833941	Sum of GTIs [s]
ontime6	4473.5999833941	Sum of GTIs [s]
ontime7	4473.5999833941	Sum of GTIs [s]
l2events	291739	Number of level 2 events

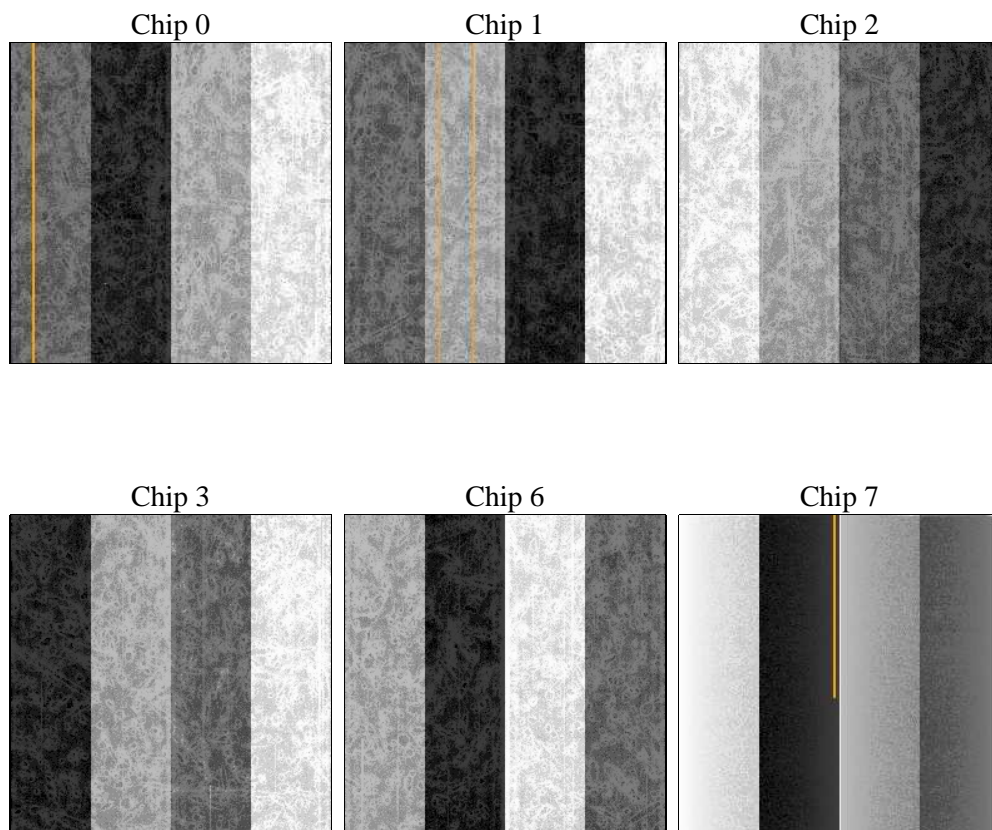
2 OBI

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	4473.5999833941	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	4473.5999833941	Sum of GTIs [s]
date	2012-05-24T16:45:29	Date and time of file creation	ontime1	4473.5999833941	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4473.5999833941	Sum of GTIs [s]
			ontime3	4473.5999833941	Sum of GTIs [s]
			ontime6	4473.5999833941	Sum of GTIs [s]
			ontime7	4473.5999833941	Sum of GTIs [s]
			l1events	546592	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	84929	86763	88067	89151	92045	105637	grade 0 events	25561	25172	25773	25795	25897	13244
rejected events	37337	38852	40300	41647	42720	37546		30%	29%	29%	28%	28%	12%
rejected %	43%	44%	45%	46%	46%	35%	grade 1 events	190	178	213	218	166	85
								0%	0%	0%	0%	0%	0%
							grade 2 events	8476	8816	8349	8428	8695	14895
								9%	10%	9%	9%	9%	14%
							grade 3 events	3134	3237	3343	3142	3314	6286
								3%	3%	3%	3%	3%	5%
							grade 4 events	3248	3180	3254	3249	3166	6394
								3%	3%	3%	3%	3%	6%
							grade 5 events	2189	2315	2049	2390	2364	6147
								2%	2%	2%	2%	2%	5%
							grade 6 events	7207	7543	7073	6890	8279	27314
								8%	8%	8%	7%	8%	25%
							grade 7 events	34924	36322	38013	39039	40164	31272
								41%	41%	43%	43%	43%	29%

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	43.02802151189108	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-0.002645524839714079	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	322.9916288326108	[s] Primary exposure time	3.2	3.2
[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)	343834498.058564	343834497.03355			
Observation start date	2008-11-23T13:34:58	2008-11-23T13:34:57			
[s] Observation end time (MET)	343853167.409486	343853166.38448			
Observation end date	2008-11-23T18:46:07	2008-11-23T18:46:06			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.4735999833941

A.2 Comments