

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58515 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 20 2012

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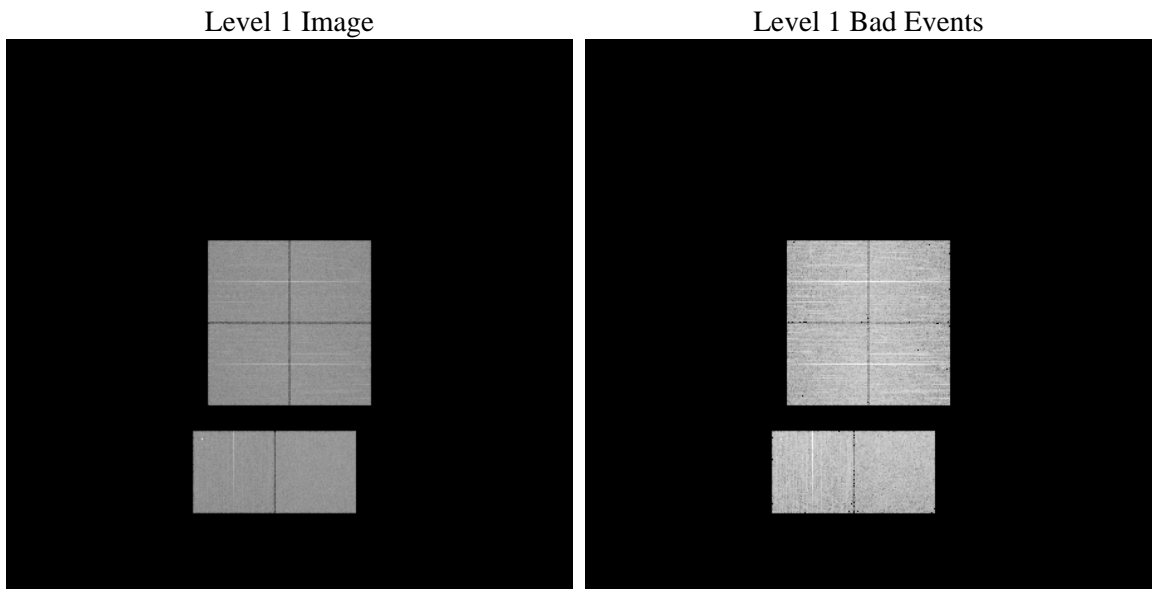
1 Front

seq_num	 	Sequence number
obs_id	58515	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	151.02956241034	Nominal RA [deg]
dec_nom	-18.993385495925	Nominal Dec [deg]
roll_nom	340.43183287278	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6085.626277566	Sum of GTIs [s]
livetime	6008.5664133152	Livetime [s]
ontime0	6085.5852375627	Sum of GTIs [s]
ontime1	6085.5441975594	Sum of GTIs [s]
ontime2	6085.5031575561	Sum of GTIs [s]
ontime3	6085.6673175693	Sum of GTIs [s]
ontime6	6085.4621175528	Sum of GTIs [s]
ontime7	6085.626277566	Sum of GTIs [s]
l2events	617613	Number of level 2 events

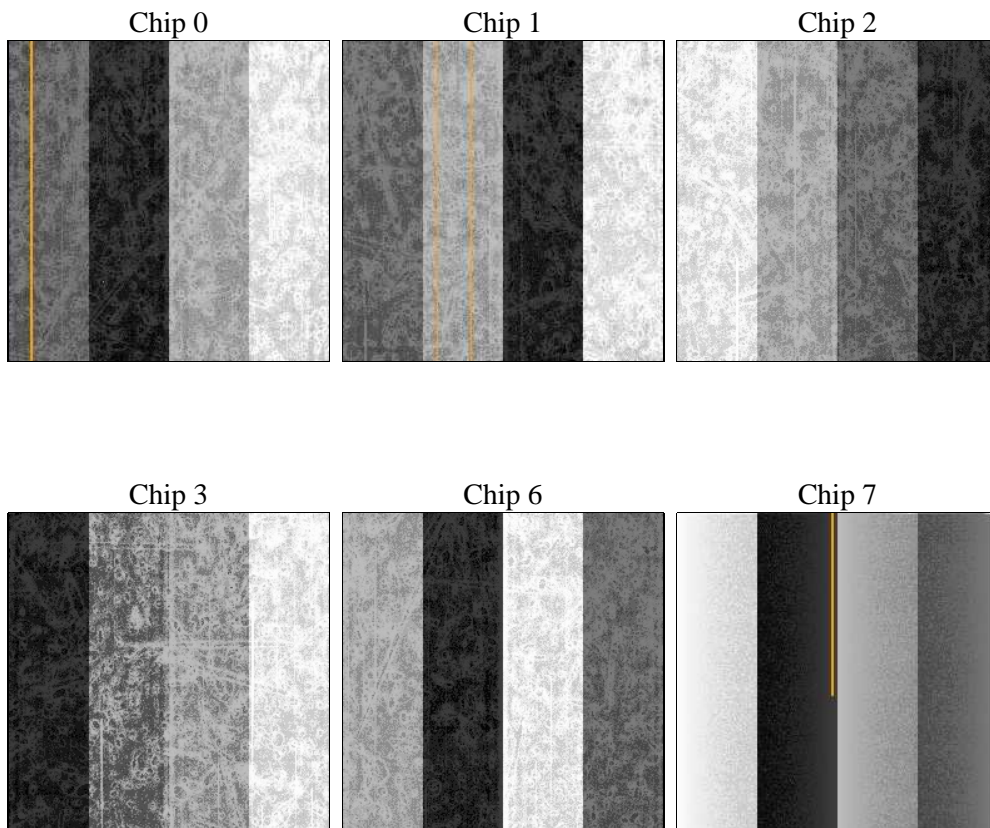
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4860	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	6085.626277566	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	6085.5852375627	Sum of GTIs [s]
date	2012-04-20T16:17:01	Date and time of file creation	ontime1	6085.5441975594	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6085.5031575561	Sum of GTIs [s]
			ontime3	6085.6673175693	Sum of GTIs [s]
			ontime6	6085.4621175528	Sum of GTIs [s]
			ontime7	6085.626277566	Sum of GTIs [s]
			l1events	983327	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	157850	156917	159085	164276	168373	176826	grade 0 events	56935	56562	58084	59213	58522	28437
rejected events	54554	52398	55629	59393	58056	50472		36%	36%	36%	36%	34%	16%
rejected %	34%	33%	34%	36%	34%	28%	grade 1 events	387	308	432	430	334	141
								0%	0%	0%	0%	0%	0%
							grade 2 events	18612	19657	17759	18318	21039	28045
								11%	12%	11%	11%	12%	15%
							grade 3 events	6916	6870	6942	7044	7069	12509
								4%	4%	4%	4%	4%	7%
							grade 4 events	6768	6842	7057	7009	7015	12224
								4%	4%	4%	4%	4%	6%
							grade 5 events	3021	3019	2716	3306	3207	7858
								1%	1%	1%	2%	1%	4%
							grade 6 events	16387	16857	15891	15538	19133	47963
								10%	10%	9%	9%	11%	27%
							grade 7 events	48824	46802	50204	53418	52054	39649
								30%	29%	31%	32%	30%	22%

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	OVERRIDE	OVERRIDE
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	151.0294319864404	151.029562410336	Subarray requested	NONE	NONE
[deg] Pointing Dec	-18.99340047837395	-18.99338549592537	Alternating exposures requested	N	N
[deg] Pointing Roll	340.4317905314576	340.4318328727844	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119			
[mm] SIM defocus	0.8505140384245534	0.8505140384245534			
[mm] SIM translation stage pos	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	288996893.642304	288996893.642304			
Observation start date	2007-02-27T21:14:00	2007-02-27T20:54:53			
[s] Observation end time (MET)	289004843.639602	289004843.639602			
Observation end date	2007-02-27T22:35:00	2007-02-27T23:07:23			
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)	2012.04.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.085626277566

A.2 Comments