

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56503 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 20 2012

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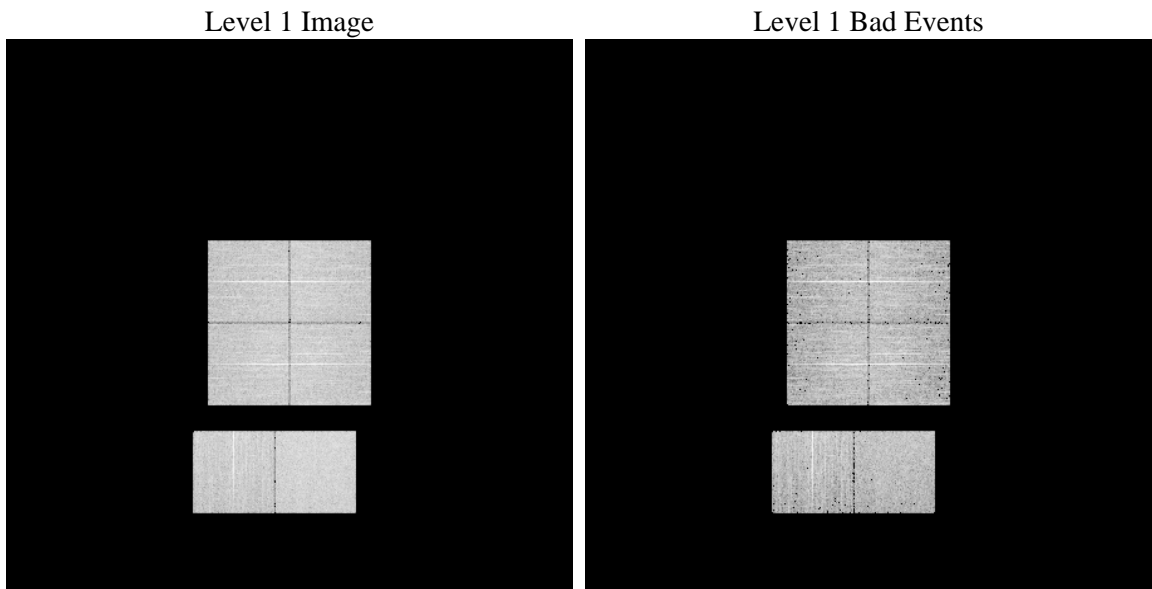
1 Front

seq_num	 	Sequence number
obs_id	56503	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	100.0275672657	Nominal RA [deg]
dec_nom	5.9916051097915	Nominal Dec [deg]
roll_nom	310.06445642253	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3833.2306256294	Sum of GTIs [s]
livetime	3784.6919513533	Livetime [s]
ontime0	3732.7584153414	Sum of GTIs [s]
ontime1	3735.9647185206	Sum of GTIs [s]
ontime2	3729.4416282177	Sum of GTIs [s]
ontime3	3729.5173456669	Sum of GTIs [s]
ontime6	3735.882638514	Sum of GTIs [s]
ontime7	3833.2306256294	Sum of GTIs [s]
l2events	191778	Number of level 2 events

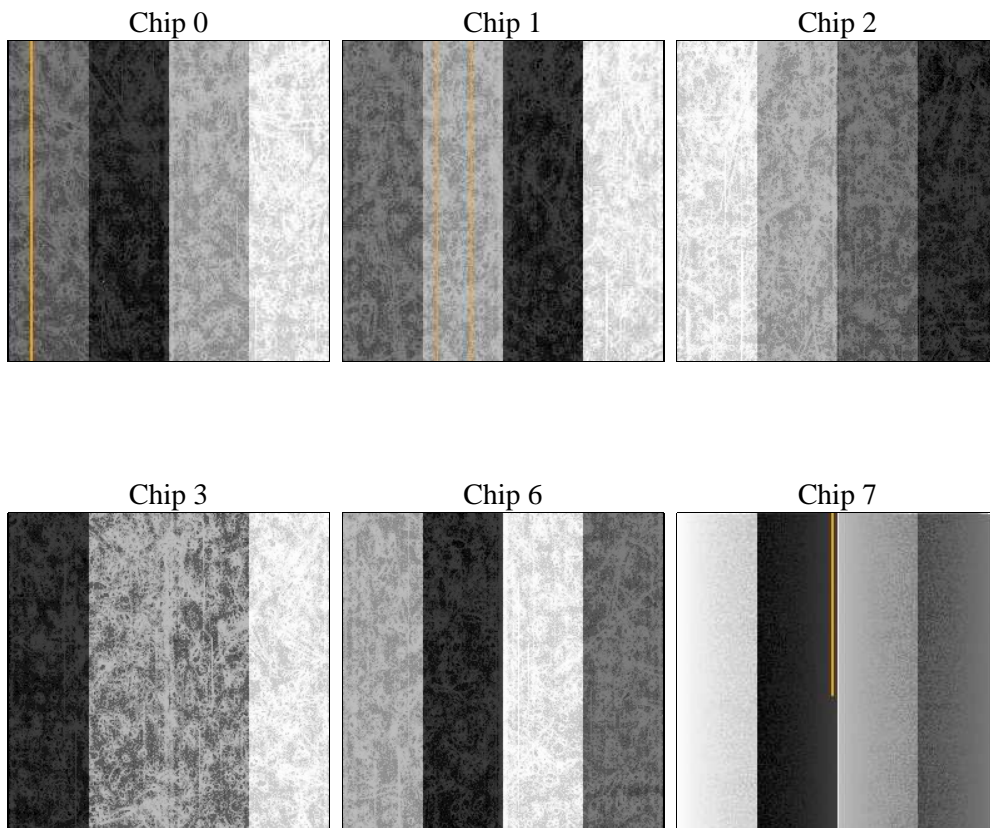
2 OBI

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	8.4.5	Processing system revision	ontime	3833.2306256294	Sum of GTIs [s]
caldbver	4.4.10	 	ontime0	3732.7584153414	Sum of GTIs [s]
date	2012-06-20T01:40:04	Date and time of file creation	ontime1	3735.9647185206	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3729.4416282177	Sum of GTIs [s]
			ontime3	3729.5173456669	Sum of GTIs [s]
			ontime6	3735.882638514	Sum of GTIs [s]
			ontime7	3833.2306256294	Sum of GTIs [s]
			l1events	430025	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	65906	68282	68600	70489	70947	85801	grade 0 events	16627	16155	16947	17244	16490	8597
rejected events	35486	37448	38258	39668	39432	36492		25%	23%	24%	24%	23%	10%
rejected %	53%	54%	55%	56%	55%	42%	grade 1 events	125	111	139	131	107	68
								0%	0%	0%	0%	0%	0%
							grade 2 events	5796	6400	5346	5447	6154	11093
								8%	9%	7%	7%	8%	12%
							grade 3 events	2196	2117	2152	2195	2070	4337
								3%	3%	3%	3%	2%	5%
							grade 4 events	2043	2093	2213	2253	2086	4434
								3%	3%	3%	3%	2%	5%
							grade 5 events	1898	1978	1942	2130	2033	5275
								2%	2%	2%	3%	2%	6%
							grade 6 events	4751	5036	4654	4613	5690	22337
								7%	7%	6%	6%	8%	26%
							grade 7 events	32470	34392	35207	36476	36317	29660
								49%	50%	51%	51%	51%	34%

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	100.0275672656997	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	5.991605109791532	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	310.0644564225286	[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)	380204693.775721	380204692.75074			
Observation start date	2010-01-18T12:24:54	2010-01-18T12:24:52			
[s] Observation end time (MET)	380210403.02601	380210402.00103			
Observation end date	2010-01-18T14:00:03	2010-01-18T14:00:02			
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)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.8332306256294

A.2 Comments