

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58558 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 19 2012

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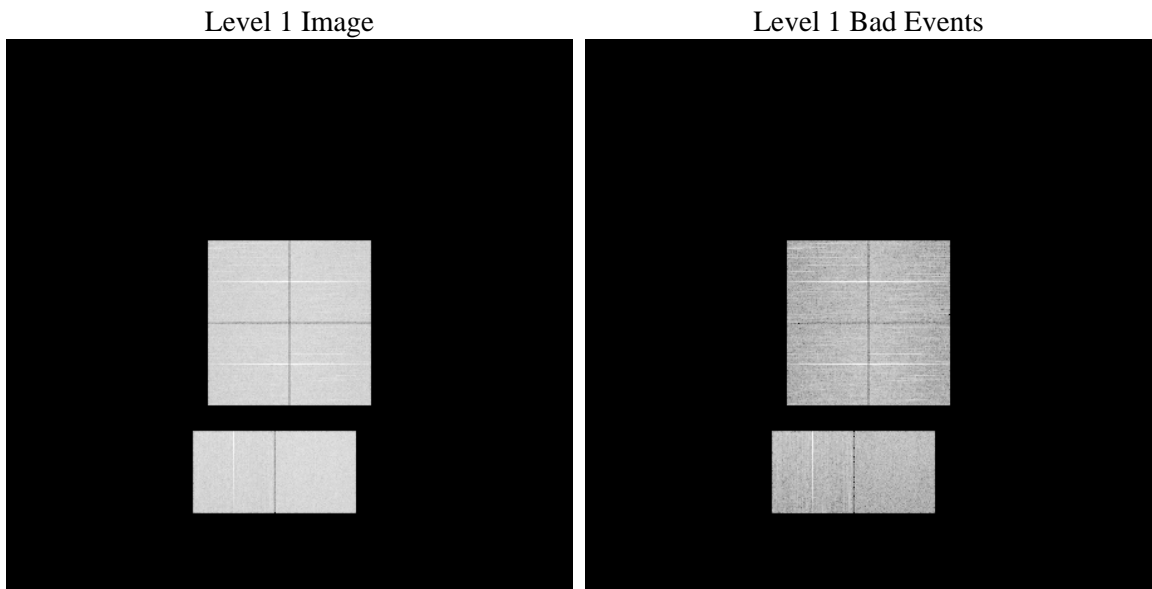
1 Front

seq_num	 	Sequence number
obs_id	58558	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	110.02897609799	Nominal RA [deg]
dec_nom	-7.9991696474972	Nominal Dec [deg]
roll_nom	328.81992452726	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8273.9572618604	Sum of GTIs [s]
livetime	8169.1874330318	Livetime [s]
ontime0	8273.9162218571	Sum of GTIs [s]
ontime1	8273.8751818538	Sum of GTIs [s]
ontime2	8273.8341418505	Sum of GTIs [s]
ontime3	8273.9983018637	Sum of GTIs [s]
ontime6	8270.5521711111	Sum of GTIs [s]
ontime7	8273.9572618604	Sum of GTIs [s]
l2events	789113	Number of level 2 events

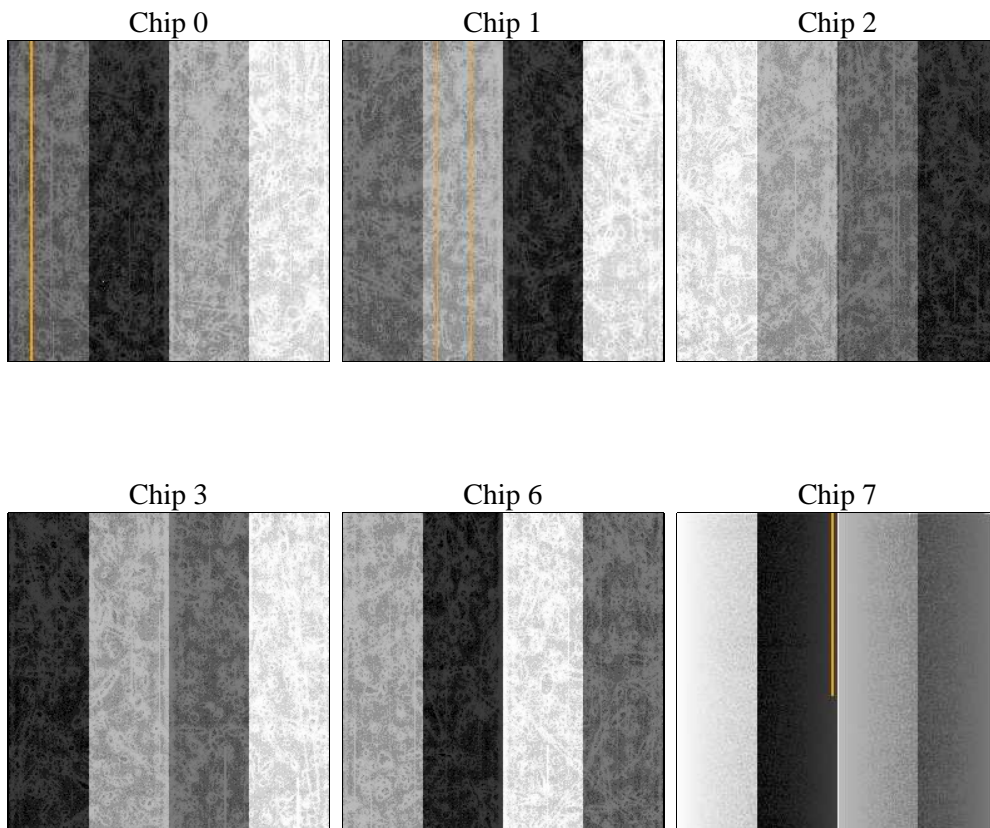
2 OBI

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	8273.9572618604	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8273.9162218571	Sum of GTIs [s]
date	2012-04-19T03:45:23	Date and time of file creation	ontime1	8273.8751818538	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8273.8341418505	Sum of GTIs [s]
			ontime3	8273.9983018637	Sum of GTIs [s]
			ontime6	8270.5521711111	Sum of GTIs [s]
			ontime7	8273.9572618604	Sum of GTIs [s]
			l1events	1248392	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	199546	202245	203308	206300	209845	227148	grade 0 events	71938	71303	73576	73603	73442	35110
rejected events	67729	69784	70753	73572	72420	62591		36%	35%	36%	35%	34%	15%
rejected %	33%	34%	34%	35%	34%	27%	grade 1 events	503	371	598	542	477	159
								0%	0%	0%	0%	0%	0%
							grade 2 events	23054	24211	22192	22476	23869	35637
								11%	11%	10%	10%	11%	15%
							grade 3 events	8760	8617	8949	8951	8637	15597
								4%	4%	4%	4%	4%	6%
							grade 4 events	8555	8557	8866	8891	8761	15697
								4%	4%	4%	4%	4%	6%
							grade 5 events	3862	4061	3594	4371	4169	10522
								1%	2%	1%	2%	1%	4%
							grade 6 events	19510	19773	18972	18807	22716	62516
								9%	9%	9%	9%	10%	27%
							grade 7 events	63364	65352	66561	68659	67774	51910
								31%	32%	32%	33%	32%	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	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	110.0289760979886	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-7.999169647497157	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	328.819924527255			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	286066828.503195	286066827.47818			
Observation start date	2007-01-24T23:00:29	2007-01-24T23:00:27			
[s] Observation end time (MET)	286088138.254205	286088137.22919			
Observation end date	2007-01-25T04:55:38	2007-01-25T04:55:37			
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)	2012.04.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2739572618604

A.2 Comments