

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57049 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 8 2012

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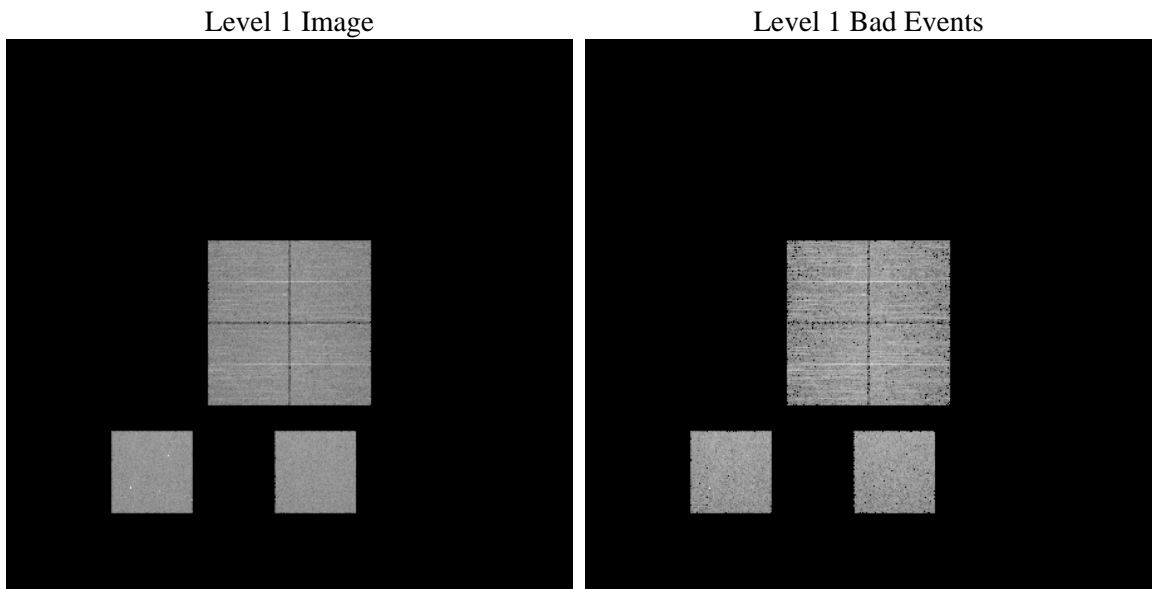
1 Front

seq_num	 	Sequence number
obs_id	57049	Observation id
title	ACIS-012357 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	241.92902100421	Nominal RA [deg]
dec_nom	-3.9885384848801	Nominal Dec [deg]
roll_nom	221.96972142104	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3097.5999885201	Sum of GTIs [s]
livetime	3058.3763123147	Livetime [s]
ontime0	3097.5999885201	Sum of GTIs [s]
ontime1	3097.5999885201	Sum of GTIs [s]
ontime2	3097.5999885201	Sum of GTIs [s]
ontime3	3097.5999885201	Sum of GTIs [s]
ontime5	3097.5999885201	Sum of GTIs [s]
ontime7	3097.5999885201	Sum of GTIs [s]
l2events	195540	Number of level 2 events

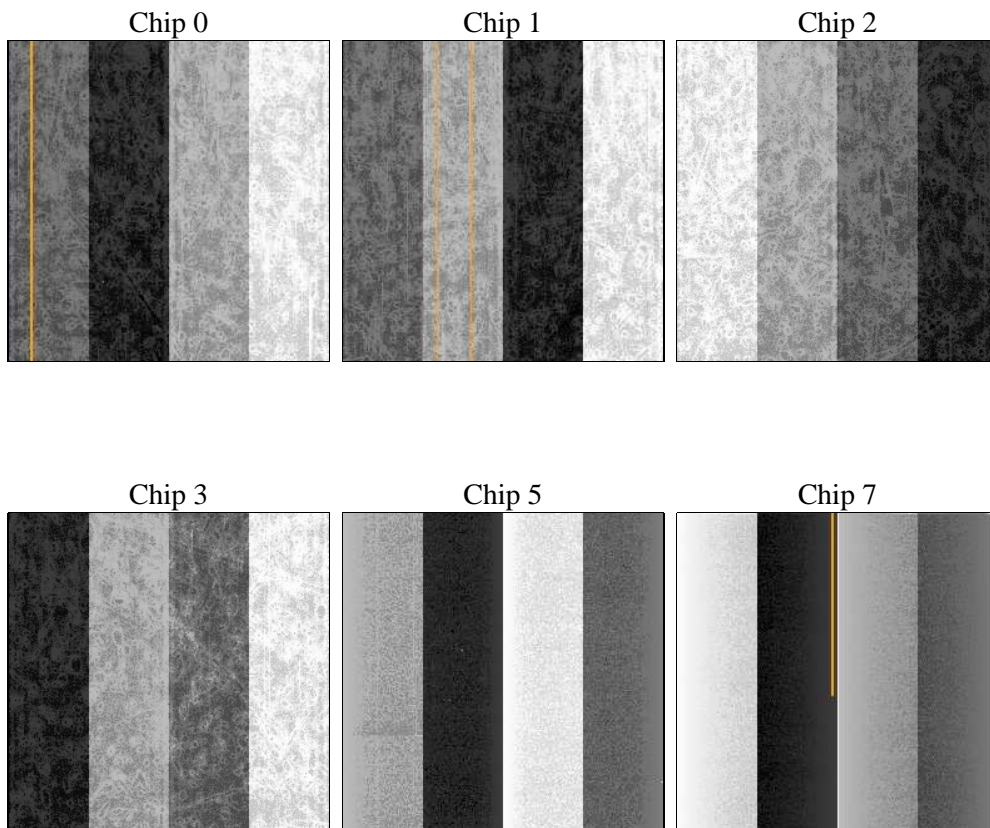
2 OBI

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	3097.5999885201	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	3097.5999885201	Sum of GTIs [s]
date	2012-06-08T21:13:47	Date and time of file creation	ontime1	3097.5999885201	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3097.5999885201	Sum of GTIs [s]
			ontime3	3097.5999885201	Sum of GTIs [s]
			ontime5	3097.5999885201	Sum of GTIs [s]
			ontime7	3097.5999885201	Sum of GTIs [s]
			l1events	399734	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	61708	60304	62063	62357	77621	75681	grade 0 events	16521	16104	16721	17130	7603	8564
rejected events	32506	30883	32819	32973	32128	31650		26%	26%	26%	27%	9%	11%
rejected %	52%	51%	52%	52%	41%	41%	grade 1 events	122	118	148	139	115	68
								0%	0%	0%	0%	0%	0%
							grade 2 events	5621	5804	5440	5398	17172	10086
								9%	9%	8%	8%	22%	13%
							grade 3 events	2028	2074	2089	2111	2140	4254
								3%	3%	3%	3%	2%	5%
							grade 4 events	2028	2115	2050	2113	2135	4380
								3%	3%	3%	3%	2%	5%
							grade 5 events	1633	1703	1568	1801	4011	4749
								2%	2%	2%	2%	5%	6%
							grade 6 events	4692	4984	4552	4396	19039	19293
								7%	8%	7%	7%	24%	25%
							grade 7 events	29063	27402	29495	29269	25406	24287
								47%	45%	47%	46%	32%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	0	241.929021004206	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-3.988538484880081	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	221.9697214210442	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673			
[mm] SIM defocus	0.7524282194390134	0.7524282194390134			
[mm] SIM translation stage pos	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	361201928.770624	361201928.770624			
Observation start date	2009-06-12T13:52:09	2009-06-12T13:52:08			
[s] Observation end time (MET)	361206478.977131	361206478.977131			
Observation end date	2009-06-12T15:07:59	2009-06-12T15:07:58			
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)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0975999885201

A.2 Comments