

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56467 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 21 2012

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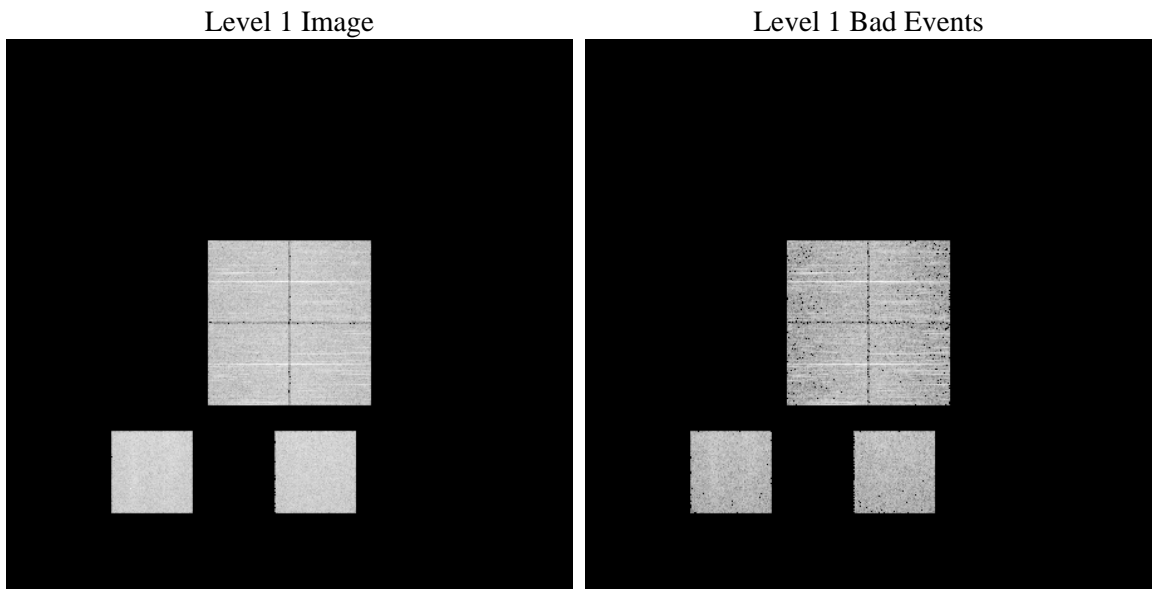
1 Front

seq_num	 	Sequence number
obs_id	56467	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	122.02827916832	Nominal RA [deg]
dec_nom	-1.3057692061523	Nominal Dec [deg]
roll_nom	315.85144265029	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3452.7618670464	Sum of GTIs [s]
livetime	3409.0409172822	Livetime [s]
ontime0	3452.7208270431	Sum of GTIs [s]
ontime1	3452.6797870398	Sum of GTIs [s]
ontime2	3452.6387470365	Sum of GTIs [s]
ontime3	3452.7999871969	Sum of GTIs [s]
ontime5	3452.5977070332	Sum of GTIs [s]
ontime7	3452.7618670464	Sum of GTIs [s]
l2events	186888	Number of level 2 events

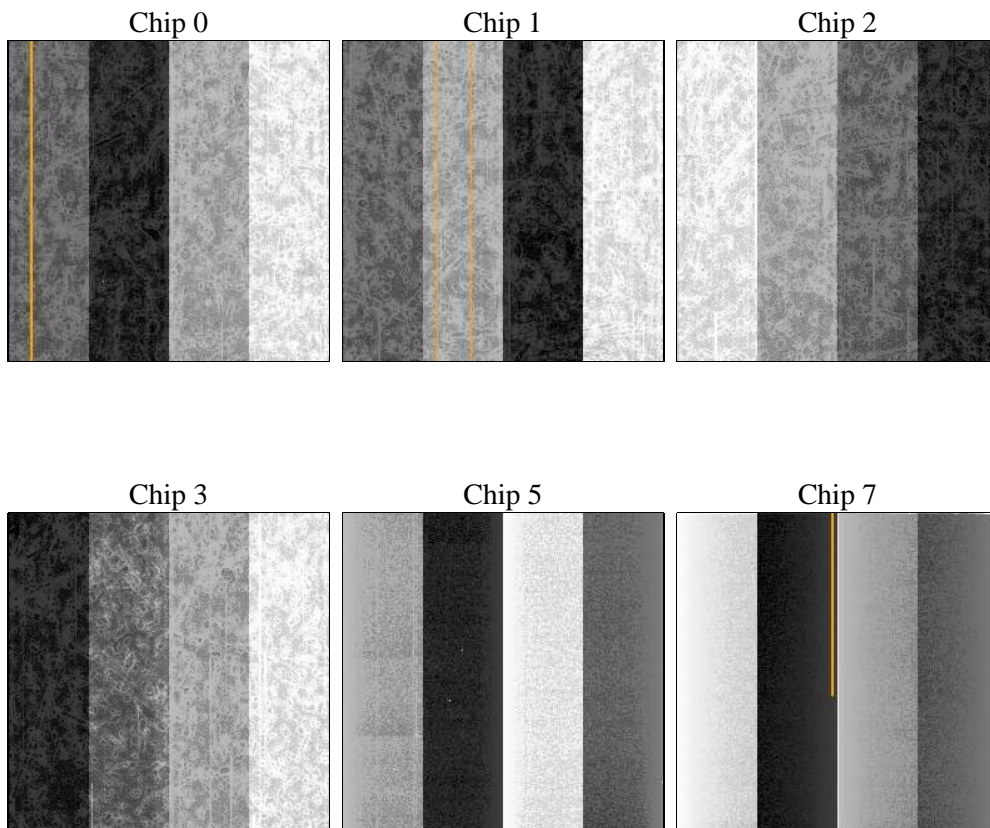
2 OBI

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	3452.7618670464	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	3452.7208270431	Sum of GTIs [s]
date	2012-06-21T03:15:04	Date and time of file creation	ontime1	3452.6797870398	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3452.6387470365	Sum of GTIs [s]
			ontime3	3452.7999871969	Sum of GTIs [s]
			ontime5	3452.5977070332	Sum of GTIs [s]
			ontime7	3452.7618670464	Sum of GTIs [s]
			l1events	388911	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	58536	59592	60342	61098	75729	73614	grade 0 events	14161	13403	14737	14801	4123	7125
rejected events	31290	31980	33227	33924	32051	30482		24%	22%	24%	24%	5%	9%
rejected %	53%	53%	55%	55%	42%	41%	grade 1 events	91	94	110	119	113	57
								0%	0%	0%	0%	0%	0%
							grade 2 events	5225	6130	4599	4783	16746	9705
								8%	10%	7%	7%	22%	13%
							grade 3 events	1867	1648	1907	1798	1582	3632
								3%	2%	3%	2%	2%	4%
							grade 4 events	1796	1783	1822	1869	1506	3532
								3%	2%	3%	3%	1%	4%
							grade 5 events	1575	1617	1514	1751	3392	4316
								2%	2%	2%	2%	4%	5%
							grade 6 events	4225	4673	4078	3943	19760	19190
								7%	7%	6%	6%	26%	26%
							grade 7 events	29596	30244	31575	32034	28507	26057
								50%	50%	52%	52%	37%	35%

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	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	122.0282791683188	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-1.305769206152329	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	315.8514426502879	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	381800694.70658	381800693.68158			
Observation start date	2010-02-05T23:44:55	2010-02-05T23:44:53			
[s] Observation end time (MET)	381805875.056842	381805874.03184			
Observation end date	2010-02-06T01:11:15	2010-02-06T01:11:14			
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)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.4527618670464

A.2 Comments