

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 55847 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 7 2012

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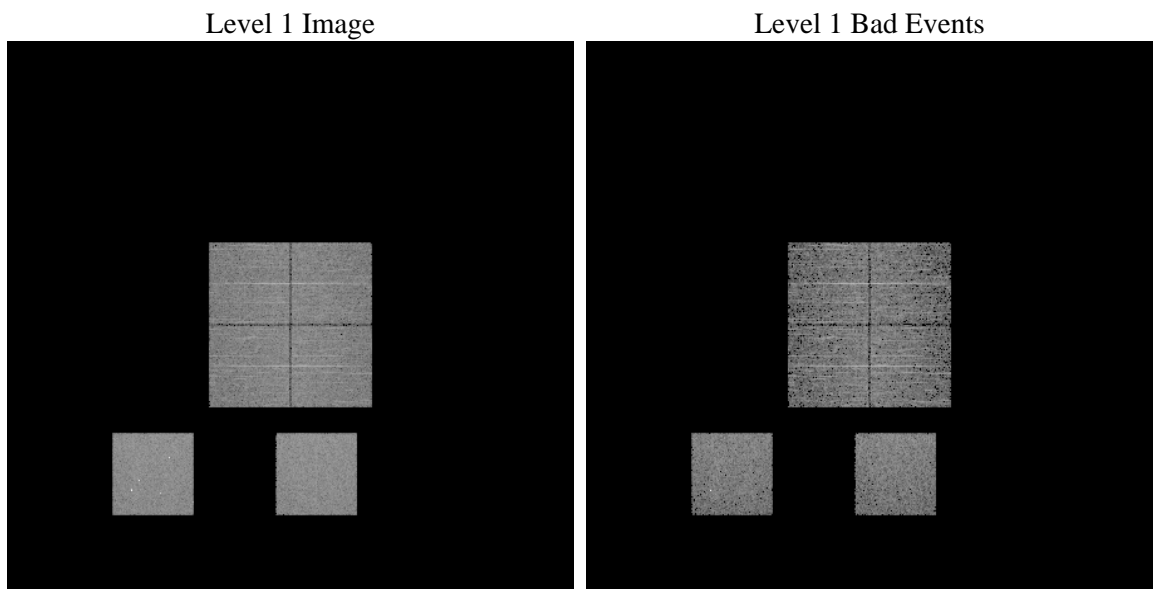
1 Front

seq_num	 	Sequence number
obs_id	55847	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	35.519618194549	Nominal RA [deg]
dec_nom	19.978007164659	Nominal Dec [deg]
roll_nom	276.74945679606	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3187.1999881864	Sum of GTIs [s]
livetime	3146.8417428345	Livetime [s]
ontime0	3187.1999881864	Sum of GTIs [s]
ontime1	3187.1999881864	Sum of GTIs [s]
ontime2	3187.1999881864	Sum of GTIs [s]
ontime3	3187.1999881864	Sum of GTIs [s]
ontime5	3187.1999881864	Sum of GTIs [s]
ontime7	3187.1999881864	Sum of GTIs [s]
l2events	151304	Number of level 2 events

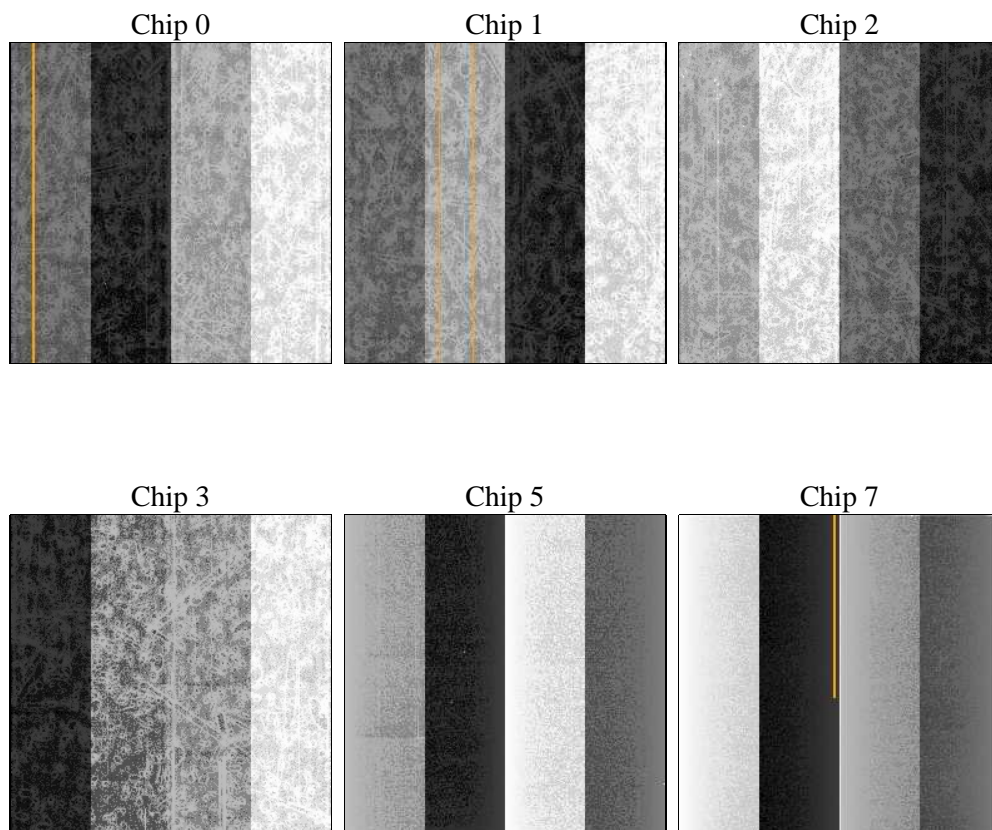
2 OBI

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	3187.1999881864	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	3187.1999881864	Sum of GTIs [s]
date	2012-07-07T07:24:35	Date and time of file creation	ontime1	3187.1999881864	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3187.1999881864	Sum of GTIs [s]
			ontime3	3187.1999881864	Sum of GTIs [s]
			ontime5	3187.1999881864	Sum of GTIs [s]
			ontime7	3187.1999881864	Sum of GTIs [s]
			l1events	311067	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	46218	45360	46739	47935	63689	61126	grade 0 events	12075	11927	12036	12404	5576	6252
rejected events	23956	22795	24933	25614	27470	26328		26%	26%	25%	25%	8%	10%
rejected %	51%	50%	53%	53%	43%	43%	grade 1 events	87	72	95	89	76	56
								0%	0%	0%	0%	0%	0%
							grade 2 events	4279	4464	3948	4045	13006	7733
								9%	9%	8%	8%	20%	12%
							grade 3 events	1584	1604	1572	1594	1548	3251
								3%	3%	3%	3%	2%	5%
							grade 4 events	1545	1562	1618	1586	1577	3207
								3%	3%	3%	3%	2%	5%
							grade 5 events	1496	1482	1398	1599	3437	4044
								3%	3%	2%	3%	5%	6%
							grade 6 events	3480	3698	3339	3369	15613	15417
								7%	8%	7%	7%	24%	25%
							grade 7 events	21672	20551	22733	23249	22856	21166
								46%	45%	48%	48%	35%	34%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	35.51961819454851
[deg] Pointing Dec	0	19.97800716465857
[deg] Pointing Roll	0.0	276.74945679606
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	407129751.850283	407129751.850283
Observation start date	2010-11-26T03:35:52	2010-11-26T03:35:51
[s] Observation end time (MET)	407134299.131628	407134299.131628
Observation end date	2010-11-26T04:51:39	2010-11-26T04:51:39
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.07.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1871999881864

A.2 Comments