

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55688 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

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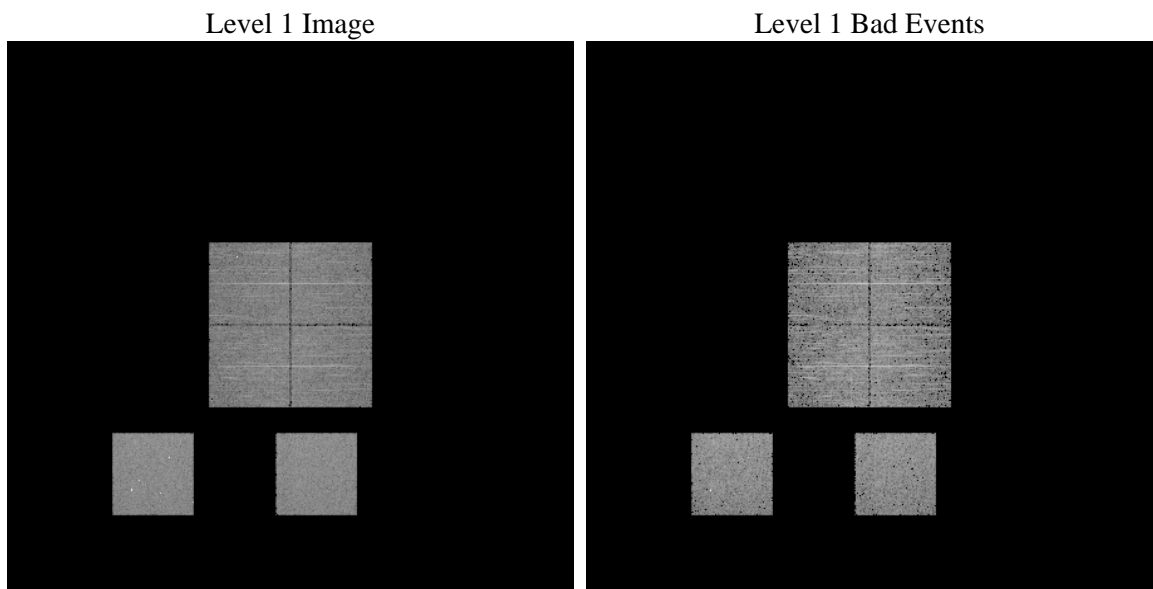
1 Front

seq_num	 	Sequence number
obs_id	55688	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	230.36727268598	Nominal RA [deg]
dec_nom	-48.838585944197	Nominal Dec [deg]
roll_nom	99.523078756567	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3135.6540872455	Sum of GTIs [s]
livetime	3095.9485471285	Livetime [s]
ontime0	3135.6130472422	Sum of GTIs [s]
ontime1	3135.5720072389	Sum of GTIs [s]
ontime2	3135.5309672356	Sum of GTIs [s]
ontime3	3135.6951272488	Sum of GTIs [s]
ontime5	3135.4899272323	Sum of GTIs [s]
ontime7	3135.6540872455	Sum of GTIs [s]
l2events	141140	Number of level 2 events

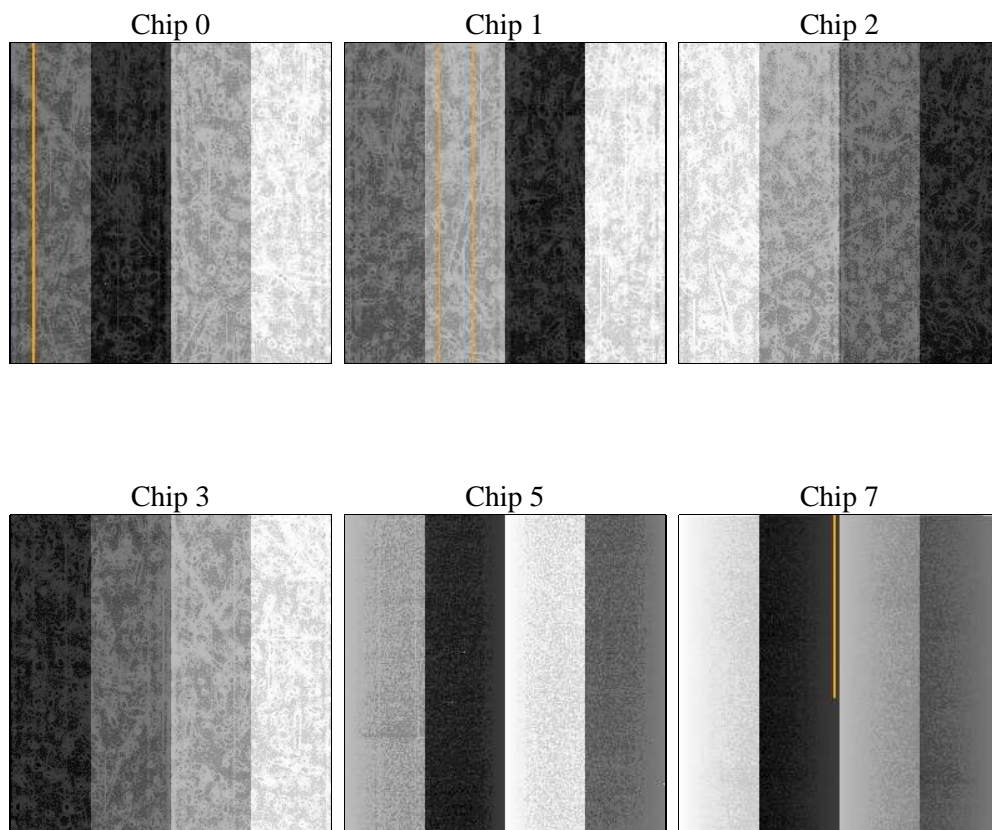
2 OBI

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	8.4.3	Processing system revision	ontime	3135.6540872455	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	3135.6130472422	Sum of GTIs [s]
date	2012-02-03T01:14:14	Date and time of file creation	ontime1	3135.5720072389	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3135.5309672356	Sum of GTIs [s]
			ontime3	3135.6951272488	Sum of GTIs [s]
			ontime5	3135.4899272323	Sum of GTIs [s]
			ontime7	3135.6540872455	Sum of GTIs [s]
			l1events	310336	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	45929	45150	47221	47118	64172	60746	grade 0 events	12302	10981	11397	11479	5618	5853
rejected events	24504	24668	26997	26791	28699	27545		26%	24%	24%	24%	8%	9%
rejected %	53%	54%	57%	56%	44%	45%	grade 1 events	75	64	85	70	88	61
								0%	0%	0%	0%	0%	0%
							grade 2 events	3967	4236	3735	3668	13130	7624
								8%	9%	7%	7%	20%	12%
							grade 3 events	1491	1447	1377	1508	1433	3050
								3%	3%	2%	3%	2%	5%
							grade 4 events	1443	1405	1479	1490	1429	3063
								3%	3%	3%	3%	2%	5%
							grade 5 events	1402	1497	1395	1664	3257	4084
								3%	3%	2%	3%	5%	6%
							grade 6 events	3230	3402	3175	3131	15519	15185
								7%	7%	6%	6%	24%	24%
							grade 7 events	22019	22118	24578	24108	23698	21826
								47%	48%	52%	51%	36%	35%

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	230.3672726859829
[deg] Pointing Dec	0	-48.83858594419729
[deg] Pointing Roll	0.0	99.5230787565674
[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)	412613504.183401	412613504.183401
Observation start date	2011-01-28T14:51:44	2011-01-28T14:51:44
[s] Observation end time (MET)	412618050.085656	412618050.085656
Observation end date	2011-01-28T16:07:30	2011-01-28T16:07:30
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1356540872455

A.2 Comments