

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55052 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 26 2012

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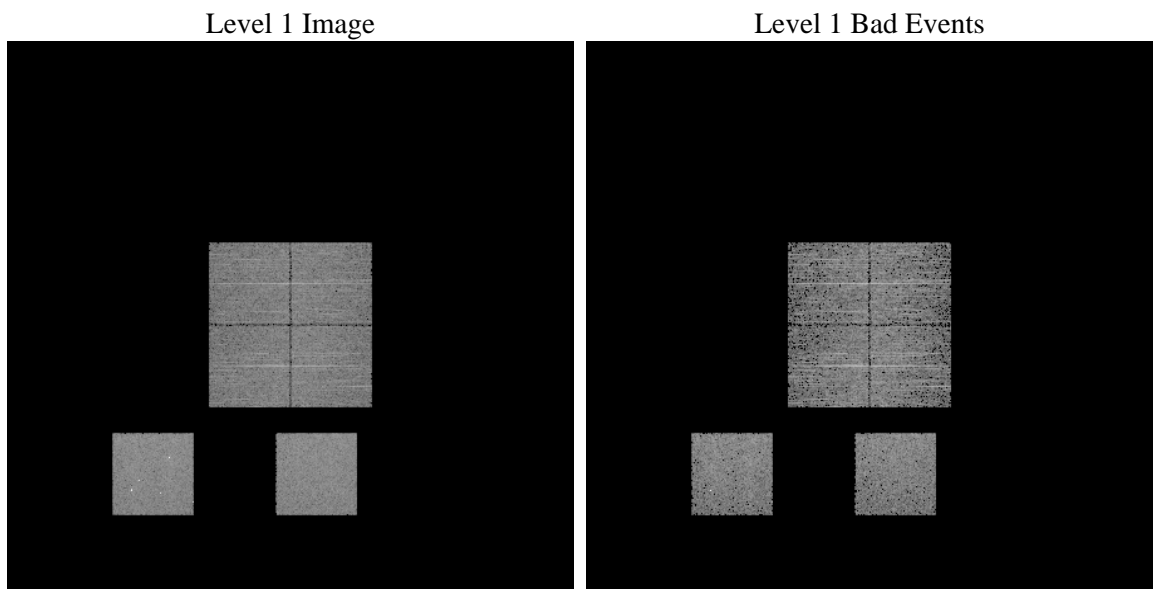
1 Front

seq_num	 	Sequence number
obs_id	55052	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	51.025569398318	Nominal RA [deg]
dec_nom	-12.380425053797	Nominal Dec [deg]
roll_nom	356.54131541681	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3259.5916441679	Sum of GTIs [s]
livetime	3218.316732079	Livetime [s]
ontime0	3259.5506041646	Sum of GTIs [s]
ontime1	3259.5095641613	Sum of GTIs [s]
ontime2	3259.468524158	Sum of GTIs [s]
ontime3	3256.3916338086	Sum of GTIs [s]
ontime5	3259.4274841547	Sum of GTIs [s]
ontime7	3259.5916441679	Sum of GTIs [s]
l2events	123214	Number of level 2 events

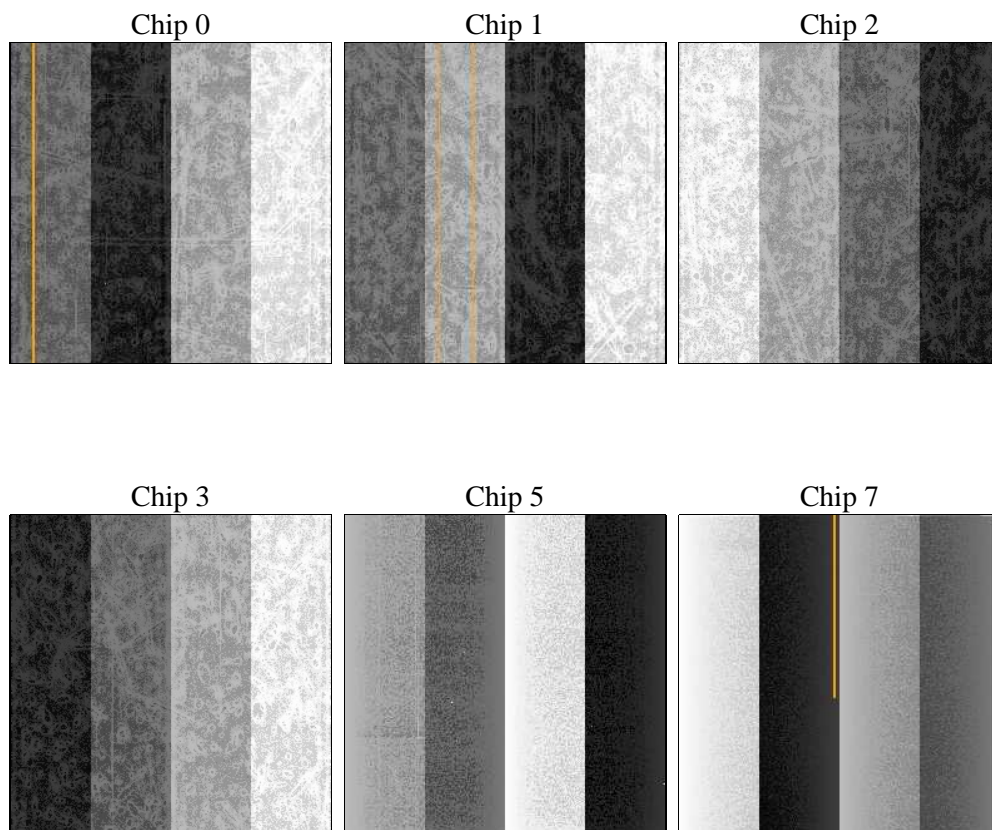
2 OBI

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	3259.5916441679	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	3259.5506041646	Sum of GTIs [s]
date	2012-02-26T18:08:27	Date and time of file creation	ontime1	3259.5095641613	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3259.468524158	Sum of GTIs [s]
			ontime3	3256.3916338086	Sum of GTIs [s]
			ontime5	3259.4274841547	Sum of GTIs [s]
			ontime7	3259.5916441679	Sum of GTIs [s]
			l1events	265774	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	38176	39192	39669	40894	55650	52193	grade 0 events	9265	8989	9752	9754	4639	4733
rejected events	20497	21310	21928	23022	24338	23145		24%	22%	24%	23%	8%	9%
rejected %	53%	54%	55%	56%	43%	44%	grade 1 events	43	51	57	48	76	29
								0%	0%	0%	0%	0%	0%
							grade 2 events	3274	3655	2964	3148	11204	6423
								8%	9%	7%	7%	20%	12%
							grade 3 events	1275	1187	1253	1232	1139	2600
								3%	3%	3%	3%	2%	4%
							grade 4 events	1209	1180	1242	1210	1028	2418
								3%	3%	3%	2%	1%	4%
							grade 5 events	1312	1310	1216	1430	3034	3464
								3%	3%	3%	3%	5%	6%
							grade 6 events	2793	3027	2679	2677	13543	13129
								7%	7%	6%	6%	24%	25%
							grade 7 events	19005	19793	20506	21395	20987	19397
								49%	50%	51%	52%	37%	37%

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	51.02556939831818
[deg] Pointing Dec	0	-12.38042505379694
[deg] Pointing Roll	0.0	356.5413154168068
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	437974473.120971	437974473.120971
Observation start date	2011-11-18T03:34:33	2011-11-18T03:34:33
[s] Observation end time (MET)	437979019.930241	437979019.930241
Observation end date	2011-11-18T04:50:20	2011-11-18T04:50:19
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2595916441679

A.2 Comments