

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55057 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 26 2012

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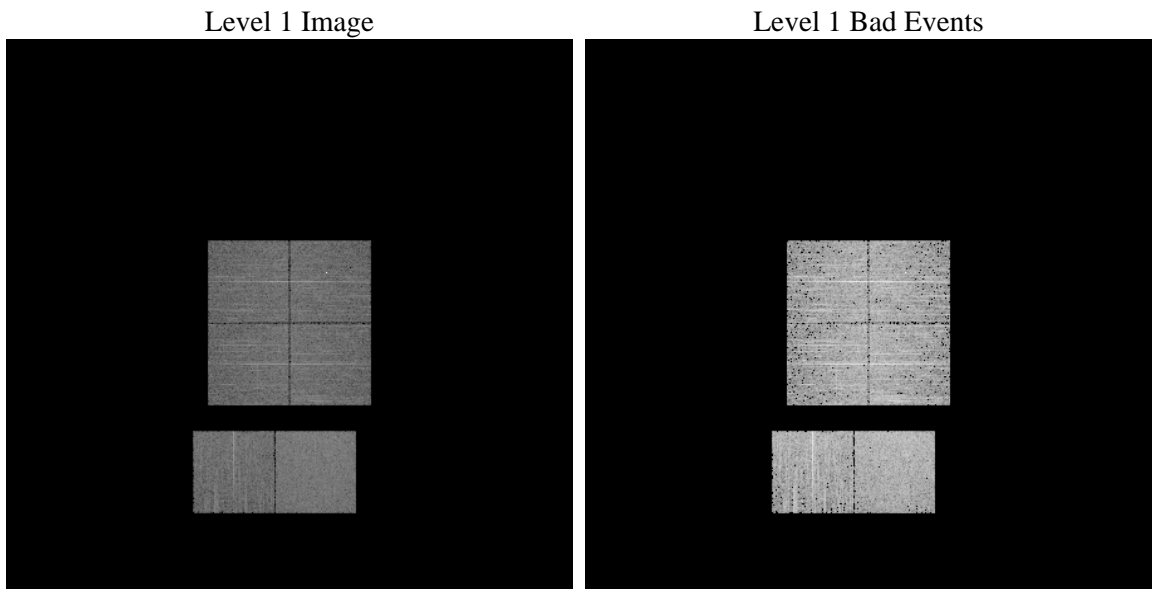
1 Front

seq_num	 	Sequence number
obs_id	55057	Observation id
title	ACIS-012367 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	51.024382954547	Nominal RA [deg]
dec_nom	-12.983639926025	Nominal Dec [deg]
roll_nom	1.5002087313594	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4095.0151234865	Sum of GTIs [s]
livetime	4043.1615762709	Livetime [s]
ontime0	4094.9740834832	Sum of GTIs [s]
ontime1	4094.9330434799	Sum of GTIs [s]
ontime2	4094.8920034766	Sum of GTIs [s]
ontime3	4095.0561634898	Sum of GTIs [s]
ontime6	4094.8509634733	Sum of GTIs [s]
ontime7	4095.0151234865	Sum of GTIs [s]
l2events	139629	Number of level 2 events

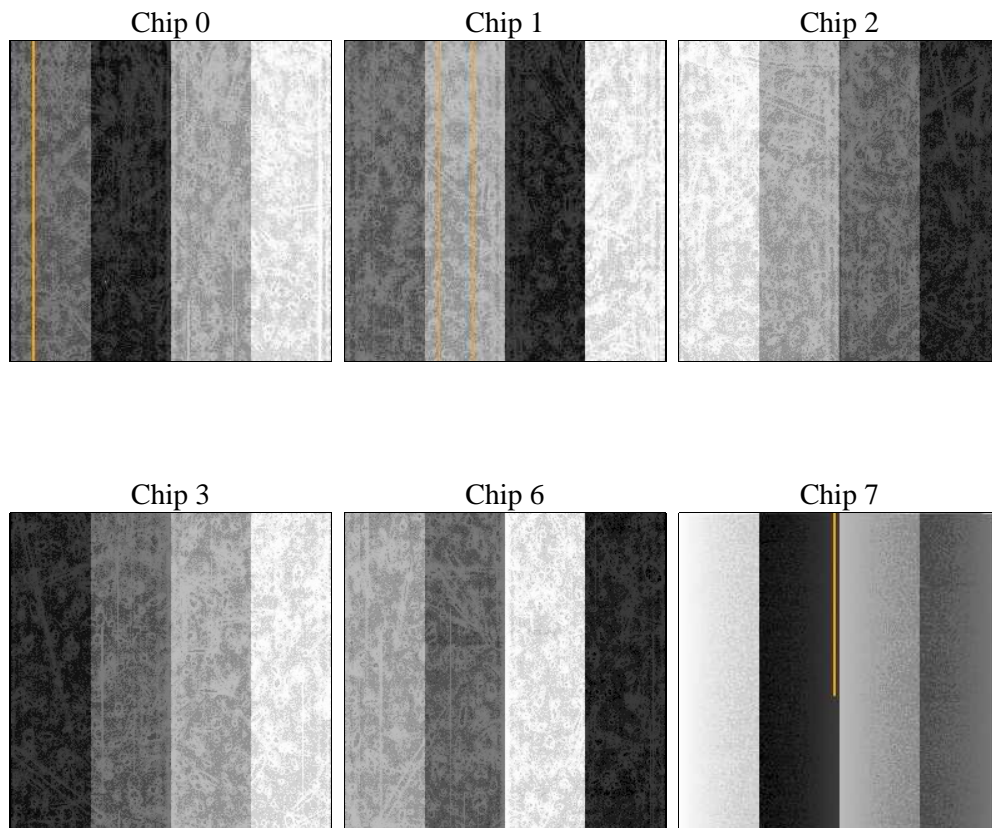
2 OBI

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	4095.0151234865	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	4094.9740834832	Sum of GTIs [s]
date	2012-02-26T17:12:09	Date and time of file creation	ontime1	4094.9330434799	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4094.8920034766	Sum of GTIs [s]
			ontime3	4095.0561634898	Sum of GTIs [s]
			ontime6	4094.8509634733	Sum of GTIs [s]
			ontime7	4095.0151234865	Sum of GTIs [s]
			l1events	322507	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	49420	51413	50112	52056	52016	67490	grade 0 events	12138	12930	12505	12563	11770	6217
rejected events	27281	27240	27819	29763	29370	31147		24%	25%	24%	24%	22%	9%
rejected %	55%	52%	55%	57%	56%	46%	grade 1 events	68	53	82	84	54	61
								0%	0%	0%	0%	0%	0%
							grade 2 events	4232	5478	3940	3985	4546	8166
								8%	10%	7%	7%	8%	12%
							grade 3 events	1598	1454	1625	1572	1608	3324
								3%	2%	3%	3%	3%	4%
							grade 4 events	1481	1378	1637	1545	1564	3225
								2%	2%	3%	2%	3%	4%
							grade 5 events	1712	1639	1645	1915	1801	4531
								3%	3%	3%	3%	3%	6%
							grade 6 events	3478	3780	3376	3402	3943	16728
								7%	7%	6%	6%	7%	24%
							grade 7 events	24713	24701	25302	26990	26730	25238
								50%	48%	50%	51%	51%	37%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	51.02438295454739
[deg] Pointing Dec	0	-12.98363992602486
[deg] Pointing Roll	0.0	1.500208731359438
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)	437745051.458874	437745051.458874
Observation start date	2011-11-15T11:50:51	2011-11-15T11:50:51
[s] Observation end time (MET)	437750550.950835	437750550.950835
Observation end date	2011-11-15T13:22:31	2011-11-15T13:22:30
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	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	4.0950151234865

A.2 Comments