

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55574 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

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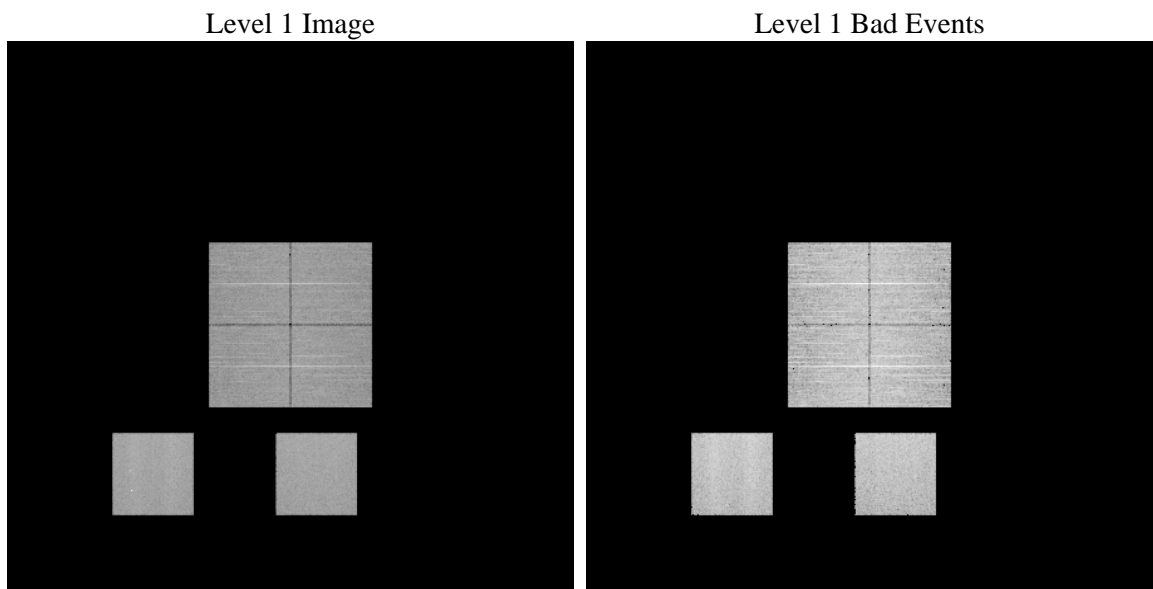
1 Front

seq_num	 	Sequence number
obs_id	55574	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	150.71327645322	Nominal RA [deg]
dec_nom	0.010865480919431	Nominal Dec [deg]
roll_nom	270.75754401446	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8219.3888599277	Sum of GTIs [s]
livetime	8115.3100090615	Livetime [s]
ontime0	8219.3478199244	Sum of GTIs [s]
ontime1	8219.3067799211	Sum of GTIs [s]
ontime2	8219.2657399178	Sum of GTIs [s]
ontime3	8219.429899931	Sum of GTIs [s]
ontime5	8219.2246999145	Sum of GTIs [s]
ontime7	8219.3888599277	Sum of GTIs [s]
l2events	346546	Number of level 2 events

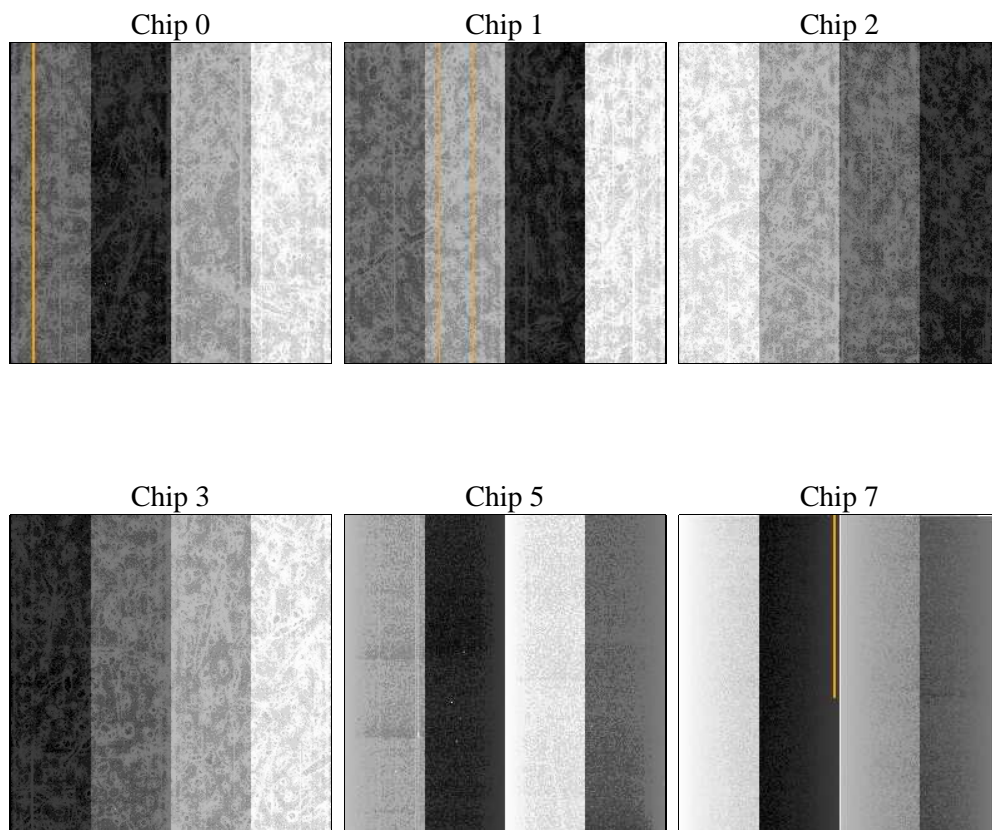
2 OBI

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	8219.3888599277	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	8219.3478199244	Sum of GTIs [s]
date	2012-02-06T11:00:31	Date and time of file creation	ontime1	8219.3067799211	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8219.2657399178	Sum of GTIs [s]
			ontime3	8219.429899931	Sum of GTIs [s]
			ontime5	8219.2246999145	Sum of GTIs [s]
			ontime7	8219.3888599277	Sum of GTIs [s]
			l1events	752290	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	112253	112014	113651	116727	151919	145726	grade 0 events	23903	20957	25098	25598	7605	12510
rejected events	62486	61657	64711	66417	68671	64342		21%	18%	22%	21%	5%	8%
rejected %	55%	55%	56%	56%	45%	44%	grade 1 events	133	99	137	139	173	105
								0%	0%	0%	0%	0%	0%
							grade 2 events	11956	15279	10288	10604	29487	18114
								10%	13%	9%	9%	19%	12%
							grade 3 events	2912	2600	3014	3200	3345	6798
								2%	2%	2%	2%	2%	4%
							grade 4 events	3044	2636	3099	3310	3243	6447
								2%	2%	2%	2%	2%	4%
							grade 5 events	3089	3119	2819	3606	6981	8597
								2%	2%	2%	3%	4%	5%
							grade 6 events	8323	9273	7792	7997	40223	38196
								7%	8%	6%	6%	26%	26%
							grade 7 events	58893	58051	61404	62273	60862	54959
								52%	51%	54%	53%	40%	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	150.7132764532216
[deg] Pointing Dec	0	0.01086548091943111
[deg] Pointing Roll	0.0	270.7575440144632
[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)	416985637.809778	416985637.809778
Observation start date	2011-03-20T05:20:38	2011-03-20T05:20:37
[s] Observation end time (MET)	416994648.025645	416994648.025645
Observation end date	2011-03-20T07:50:48	2011-03-20T07:50:48
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)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2193888599277

A.2 Comments