

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55357 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 12 2012

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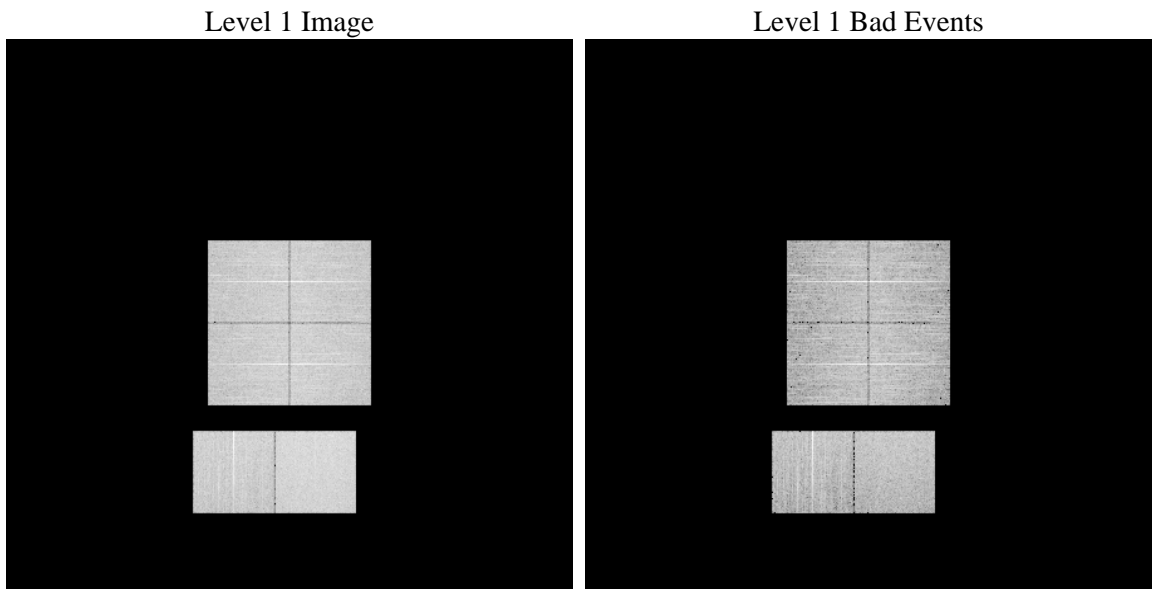
1 Front

seq_num	 	Sequence number
obs_id	55357	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	216.38744246757	Nominal RA [deg]
dec_nom	-31.534662033325	Nominal Dec [deg]
roll_nom	261.87981999462	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8226.7489229441	Sum of GTIs [s]
livetime	8122.5768745283	Livetime [s]
ontime0	8226.7078829408	Sum of GTIs [s]
ontime1	8226.6668429375	Sum of GTIs [s]
ontime2	8226.6258029342	Sum of GTIs [s]
ontime3	8226.7899629474	Sum of GTIs [s]
ontime6	8226.5847629309	Sum of GTIs [s]
ontime7	8226.7489229441	Sum of GTIs [s]
l2events	316053	Number of level 2 events

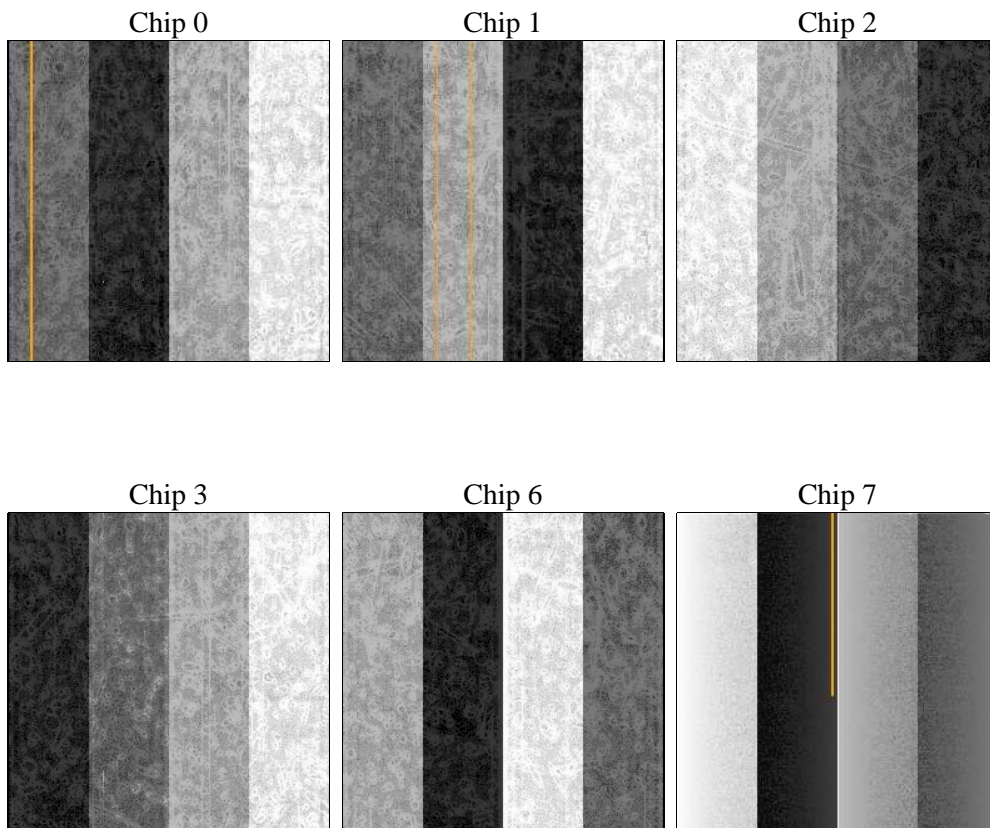
2 OBI

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	8226.7489229441	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	8226.7078829408	Sum of GTIs [s]
date	2012-02-12T11:57:01	Date and time of file creation	ontime1	8226.6668429375	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8226.6258029342	Sum of GTIs [s]
			ontime3	8226.7899629474	Sum of GTIs [s]
			ontime6	8226.5847629309	Sum of GTIs [s]
			ontime7	8226.7489229441	Sum of GTIs [s]
			l1events	664852	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	101581	104040	103204	108224	109200	138603	grade 0 events	26639	26168	27024	27849	26948	13997
rejected events	51335	53239	53134	57104	56831	58658		26%	25%	26%	25%	24%	10%
rejected %	50%	51%	51%	52%	52%	42%	grade 1 events	162	142	166	187	119	113
								0%	0%	0%	0%	0%	0%
							grade 2 events	9182	9933	8799	8972	9691	17516
								9%	9%	8%	8%	8%	12%
							grade 3 events	3323	3449	3530	3546	3459	7184
								3%	3%	3%	3%	3%	5%
							grade 4 events	3506	3403	3433	3573	3468	7076
								3%	3%	3%	3%	3%	5%
							grade 5 events	3418	3429	3172	3688	3644	9075
								3%	3%	3%	3%	3%	6%
							grade 6 events	8007	8233	7686	7588	9192	34776
								7%	7%	7%	7%	8%	25%
							grade 7 events	47344	49283	49394	52821	52679	48866
								46%	47%	47%	48%	48%	35%

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	216.3874424675693
[deg] Pointing Dec	0	-31.53466203332508
[deg] Pointing Roll	0.0	261.879819994617
[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)	424293510.989144	424293510.989144
Observation start date	2011-06-12T19:18:31	2011-06-12T19:18:30
[s] Observation end time (MET)	424303541.157507	424303541.157507
Observation end date	2011-06-12T22:05:41	2011-06-12T22:05:41
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)	2012.02.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2267489229441

A.2 Comments