

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 54685 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 22 2012

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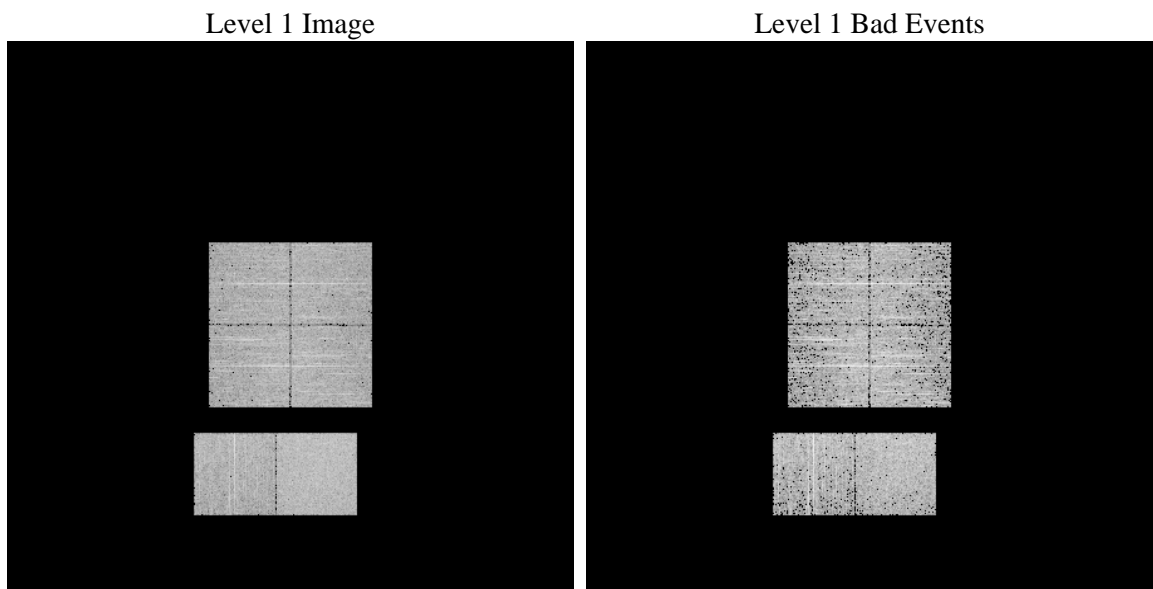
1 Front

seq_num	 	Sequence number
obs_id	54685	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	210.89584844724	Nominal RA [deg]
dec_nom	6.6533607126739	Nominal Dec [deg]
roll_nom	178.64663995726	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3075.1999886036	Sum of GTIs [s]
livetime	3036.2599546848	Livetime [s]
ontime0	3075.1999886036	Sum of GTIs [s]
ontime1	3075.1999886036	Sum of GTIs [s]
ontime2	3075.1999886036	Sum of GTIs [s]
ontime3	3075.1999886036	Sum of GTIs [s]
ontime6	3075.1999886036	Sum of GTIs [s]
ontime7	3075.1999886036	Sum of GTIs [s]
l2events	97378	Number of level 2 events

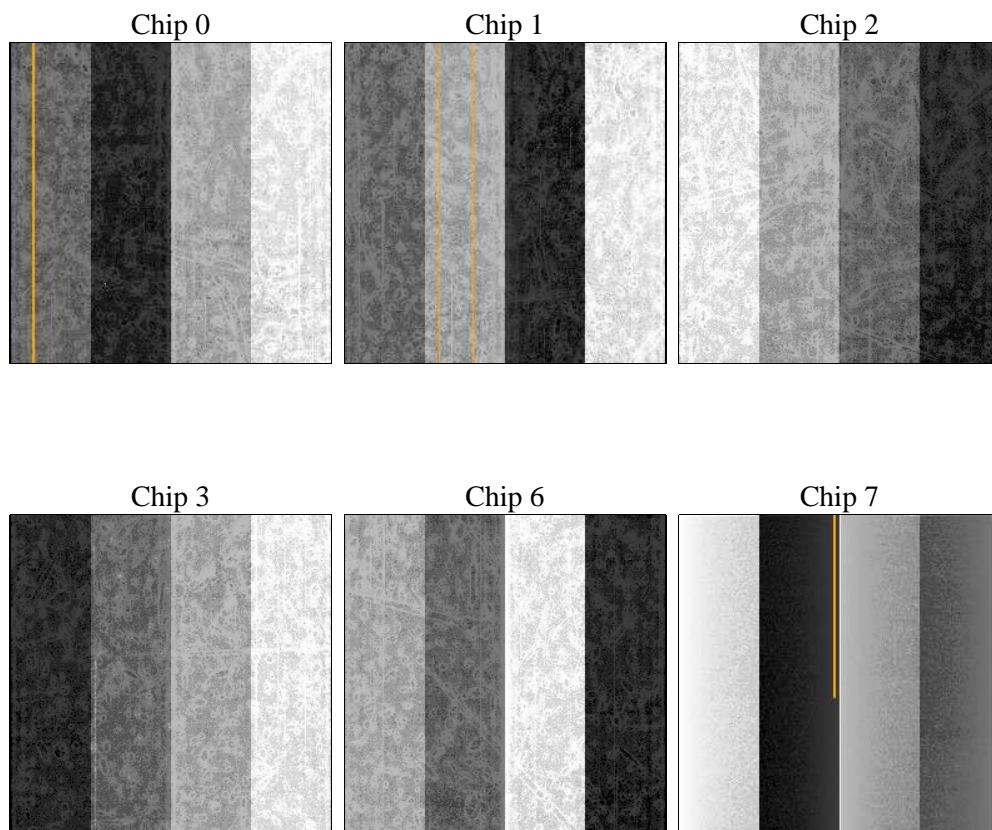
2 OBI

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	8.4.4	Processing system revision	ontime	3075.1999886036	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	3075.1999886036	Sum of GTIs [s]
date	2012-04-22T18:49:46	Date and time of file creation	ontime1	3075.1999886036	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3075.1999886036	Sum of GTIs [s]
			ontime3	3075.1999886036	Sum of GTIs [s]
			ontime6	3075.1999886036	Sum of GTIs [s]
			ontime7	3075.1999886036	Sum of GTIs [s]
			l1events	231671	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	34833	34658	36597	37267	38562	49754	grade 0 events	8426	8337	8735	8919	8967	4430
rejected events	19502	19179	21371	21994	22355	23950		24%	24%	23%	23%	23%	8%
rejected %	55%	55%	58%	59%	57%	48%	grade 1 events	55	42	58	47	42	44
								0%	0%	0%	0%	0%	0%
							grade 2 events	3118	3277	2853	2868	3255	5953
								8%	9%	7%	7%	8%	11%
							grade 3 events	1162	1101	1122	1129	1126	2479
								3%	3%	3%	3%	2%	4%
							grade 4 events	1114	1088	1122	1050	1131	2530
								3%	3%	3%	2%	2%	5%
							grade 5 events	1241	1263	1212	1330	1405	3514
								3%	3%	3%	3%	3%	7%
							grade 6 events	2556	2699	2383	2385	2893	12262
								7%	7%	6%	6%	7%	24%
							grade 7 events	17161	16851	19112	19539	19743	18542
								49%	48%	52%	52%	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	210.8958484472408
[deg] Pointing Dec	0	6.653360712673915
[deg] Pointing Roll	0.0	178.6466399572562
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)	451459367.684319	451459367.684319
Observation start date	2012-04-22T05:22:48	2012-04-22T05:22:47
[s] Observation end time (MET)	451463914.92775	451463914.92775
Observation end date	2012-04-22T06:38:35	2012-04-22T06:38:34
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.04.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0751999886036

A.2 Comments