

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57187 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 4 2012

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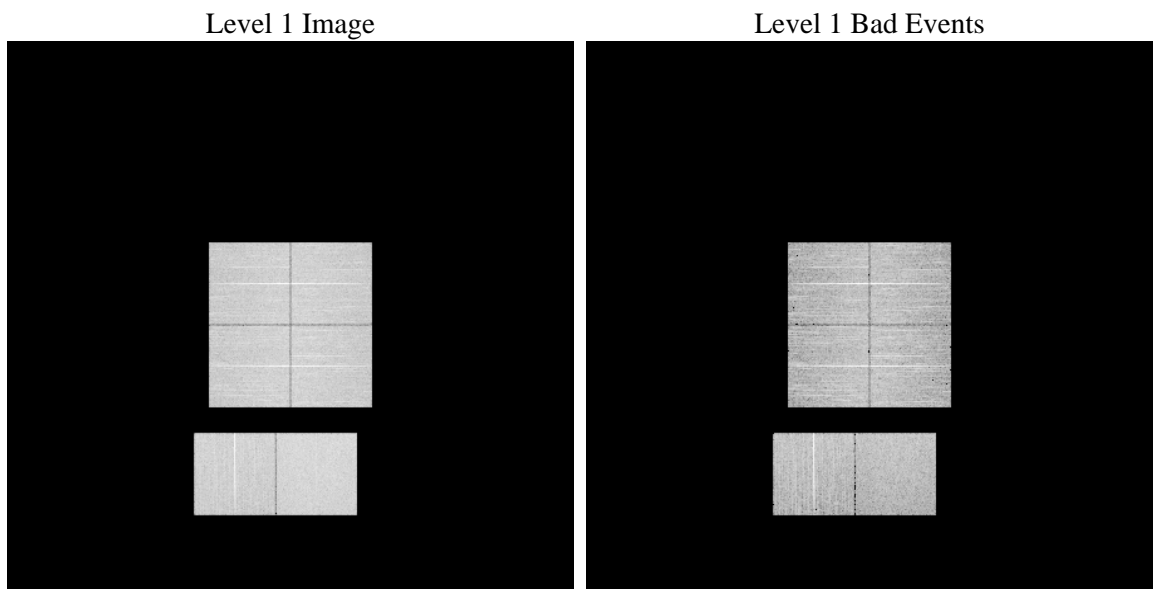
1 Front

seq_num	 	Sequence number
obs_id	57187	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	216.97174843254	Nominal RA [deg]
dec_nom	9.0068263166212	Nominal Dec [deg]
roll_nom	133.34041331051	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6981.154617548	Sum of GTIs [s]
livetime	6892.755034234	Livetime [s]
ontime0	6984.3956277966	Sum of GTIs [s]
ontime1	6984.381434083	Sum of GTIs [s]
ontime2	6984.3403940797	Sum of GTIs [s]
ontime3	6977.913577497	Sum of GTIs [s]
ontime6	6984.2993540764	Sum of GTIs [s]
ontime7	6981.154617548	Sum of GTIs [s]
l2events	418047	Number of level 2 events

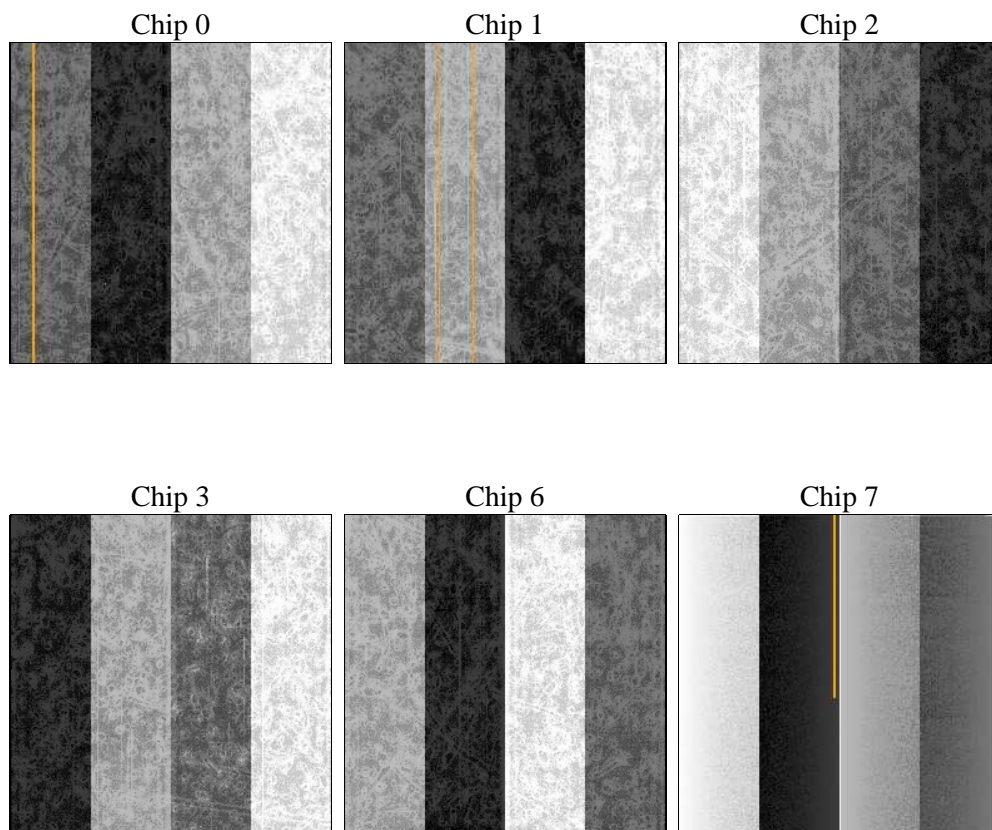
2 OBI

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	6981.154617548	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	6984.3956277966	Sum of GTIs [s]
date	2012-06-04T03:50:28	Date and time of file creation	ontime1	6984.381434083	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6984.3403940797	Sum of GTIs [s]
			ontime3	6977.913577497	Sum of GTIs [s]
			ontime6	6984.2993540764	Sum of GTIs [s]
			ontime7	6981.154617548	Sum of GTIs [s]
			l1events	826411	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	129227	131520	133386	134697	137826	159755	grade 0 events	36109	35532	37089	37422	36894	18321
rejected events	61615	63534	65931	66248	67559	59815		27%	27%	27%	27%	26%	11%
rejected %	47%	48%	49%	49%	49%	37%	grade 1 events	242	234	303	304	252	126
								0%	0%	0%	0%	0%	0%
							grade 2 events	12363	12969	11299	11847	12609	21837
								9%	9%	8%	8%	9%	13%
							grade 3 events	4431	4538	4531	4740	4424	9216
								3%	3%	3%	3%	3%	5%
							grade 4 events	4477	4444	4714	4577	4476	9077
								3%	3%	3%	3%	3%	5%
							grade 5 events	3517	3607	3365	3814	3723	9621
								2%	2%	2%	2%	2%	6%
							grade 6 events	10232	10503	9822	9863	11864	41489
								7%	7%	7%	7%	8%	25%
							grade 7 events	57856	59693	62263	62130	63584	50068
								44%	45%	46%	46%	46%	31%

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	216.9717484325428
[deg] Pointing Dec	0	9.006826316621197
[deg] Pointing Roll	0.0	133.3404133105059
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	355758020.24942	355758019.22442
Observation start date	2009-04-10T13:40:20	2009-04-10T13:40:19
[s] Observation end time (MET)	355768682.29995	355768681.27495
Observation end date	2009-04-10T16:38:02	2009-04-10T16:38:01
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.981154617548

A.2 Comments