

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58004 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 8 2012

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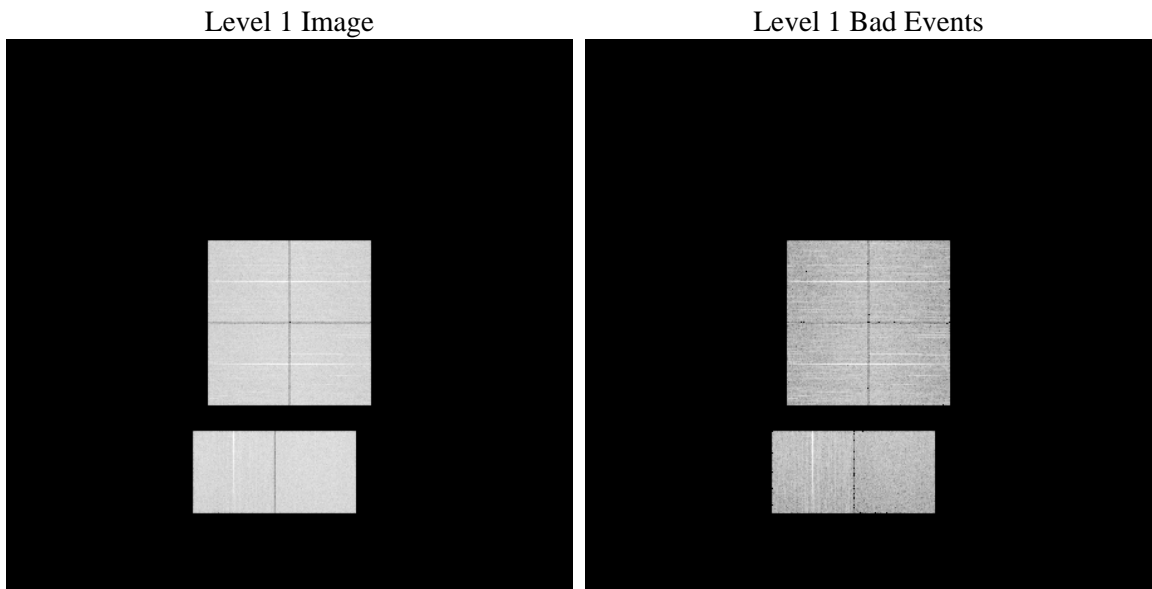
1 Front

seq_num	 	Sequence number
obs_id	58004	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	103.52761056535	Nominal RA [deg]
dec_nom	4.2919833292983	Nominal Dec [deg]
roll_nom	310.8759509338	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7285.1428932548	Sum of GTIs [s]
livetime	7192.894027354	Livetime [s]
ontime0	7285.1018532515	Sum of GTIs [s]
ontime1	7285.0608132482	Sum of GTIs [s]
ontime2	7285.0197732449	Sum of GTIs [s]
ontime3	7285.1839332581	Sum of GTIs [s]
ontime6	7284.9787332416	Sum of GTIs [s]
ontime7	7285.1428932548	Sum of GTIs [s]
l2events	706783	Number of level 2 events

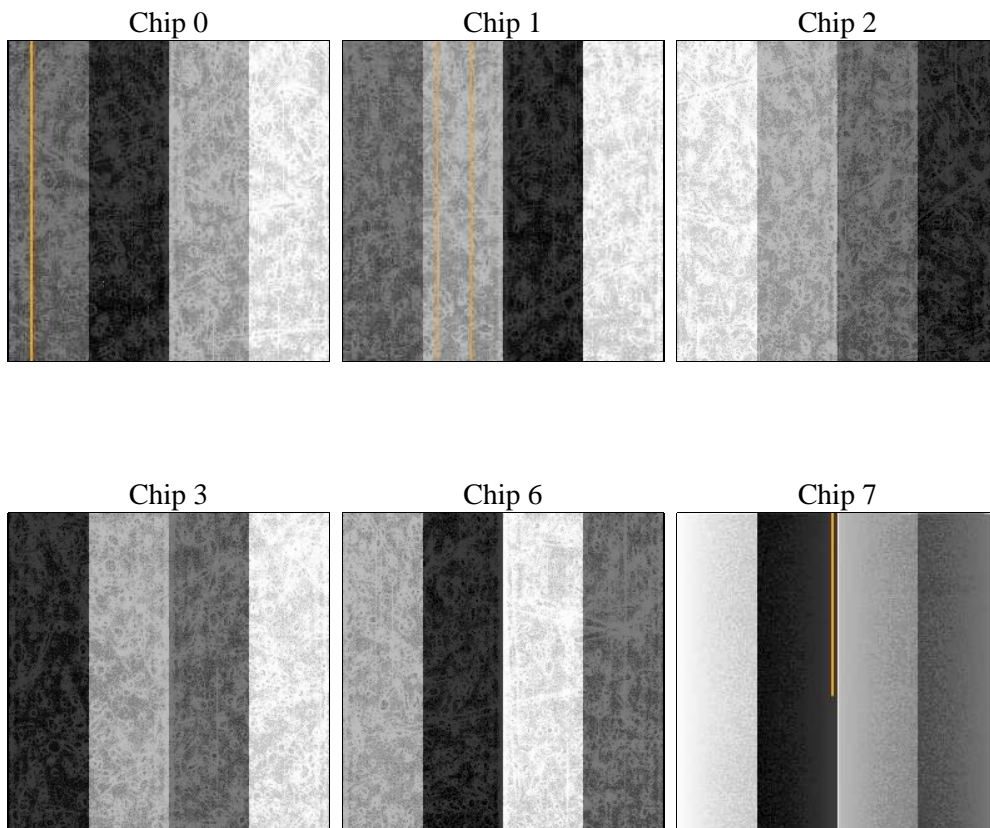
2 OBI

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	7285.1428932548	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7285.1018532515	Sum of GTIs [s]
date	2012-05-08T14:53:18	Date and time of file creation	ontime1	7285.0608132482	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7285.0197732449	Sum of GTIs [s]
			ontime3	7285.1839332581	Sum of GTIs [s]
			ontime6	7284.9787332416	Sum of GTIs [s]
			ontime7	7285.1428932548	Sum of GTIs [s]
			l1events	1133788	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	178732	181683	184283	188434	195171	205485	grade 0 events	62164	60995	63092	64628	63662	32904
rejected events	61485	63009	67389	68650	70623	57688		34%	33%	34%	34%	32%	16%
rejected %	34%	34%	36%	36%	36%	28%	grade 1 events	473	409	509	518	412	149
								0%	0%	0%	0%	0%	0%
							grade 2 events	20573	21993	19489	20402	21835	32047
								11%	12%	10%	10%	11%	15%
							grade 3 events	7593	7576	7596	7971	7666	13512
								4%	4%	4%	4%	3%	6%
							grade 4 events	7444	7688	7691	7808	7827	13418
								4%	4%	4%	4%	4%	6%
							grade 5 events	3708	3658	3427	3976	4059	9585
								2%	2%	1%	2%	2%	4%
							grade 6 events	19473	20422	19026	18975	23558	55916
								10%	11%	10%	10%	12%	27%
							grade 7 events	57304	58942	63453	64156	66152	47954
								32%	32%	34%	34%	33%	23%

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	103.5276105653477
[deg] Pointing Dec	0	4.29198332929835
[deg] Pointing Roll	0.0	310.8759509337958
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	317327714.602308	317327713.57733
Observation start date	2008-01-21T18:35:15	2008-01-21T18:35:13
[s] Observation end time (MET)	317344526.653121	317344525.62814
Observation end date	2008-01-21T23:15:27	2008-01-21T23:15:25
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.05.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.2851428932548

A.2 Comments