

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61131 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 11 2012

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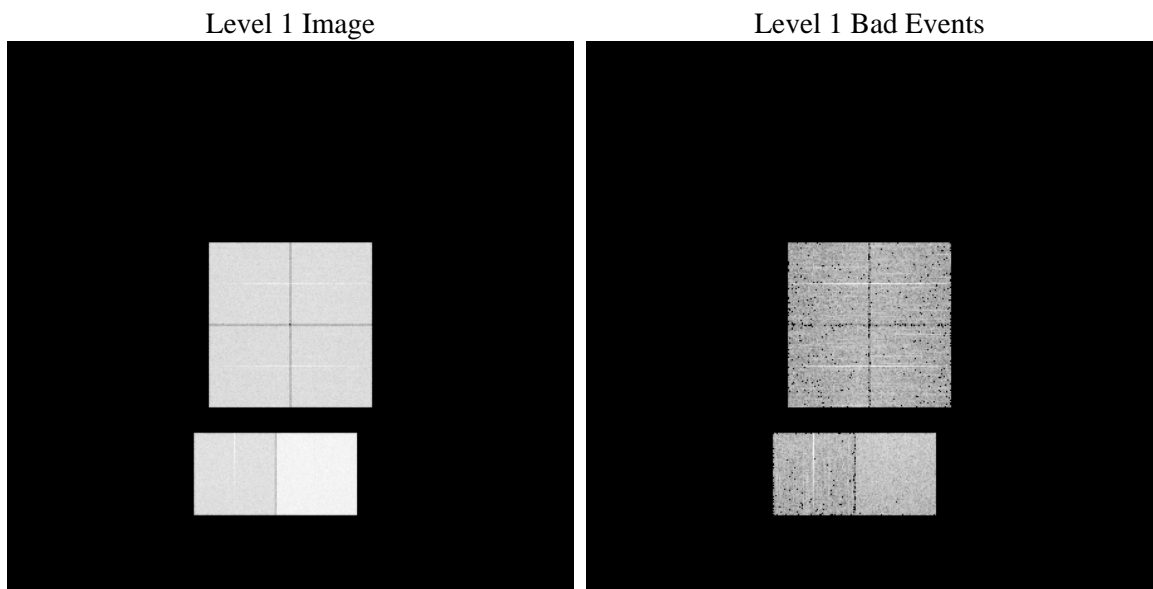
1 Front

seq_num	 	Sequence number
obs_id	61131	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	295.82833202202	Nominal RA [deg]
dec_nom	-44.579712655603	Nominal Dec [deg]
roll_nom	12.347724504097	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7795.1999709606	Sum of GTIs [s]
livetime	7696.4924552224	Livetime [s]
ontime0	3533.3074138463	Sum of GTIs [s]
ontime1	3607.8514634967	Sum of GTIs [s]
ontime2	3354.061978519	Sum of GTIs [s]
ontime3	3416.6314977109	Sum of GTIs [s]
ontime6	3769.9012117386	Sum of GTIs [s]
ontime7	7795.1999709606	Sum of GTIs [s]
l2events	1213427	Number of level 2 events

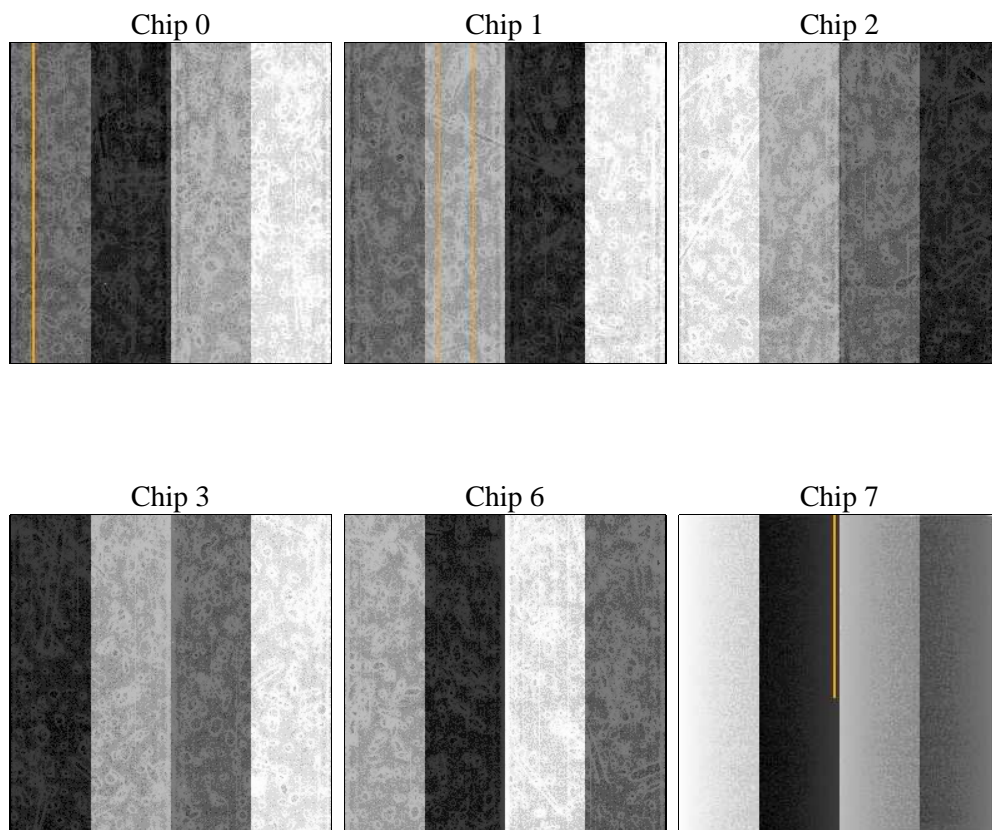
2 OBI

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	8.4.5	Processing system revision	ontime	7795.1999709606	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3533.3074138463	Sum of GTIs [s]
date	2012-10-11T19:26:43	Date and time of file creation	ontime1	3607.8514634967	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3354.061978519	Sum of GTIs [s]
			ontime3	3416.6314977109	Sum of GTIs [s]
			ontime6	3769.9012117386	Sum of GTIs [s]
			ontime7	7795.1999709606	Sum of GTIs [s]
			l1events	1436935	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	195053	200048	188213	193938	219796	439887	grade 0 events	93879	96536	90683	93247	104774	100916
rejected events	24318	25205	24508	26574	27822	42230		48%	48%	48%	48%	47%	22%
rejected %	12%	12%	13%	13%	12%	9%	grade 1 events	490	476	491	477	517	277
								0%	0%	0%	0%	0%	0%
							grade 2 events	30122	31027	28835	29449	33323	88534
								15%	15%	15%	15%	15%	20%
							grade 3 events	10953	10976	10187	10772	12049	40608
								5%	5%	5%	5%	5%	9%
							grade 4 events	10851	11053	10331	10599	11715	40044
								5%	5%	5%	5%	5%	9%
							grade 5 events	1683	1757	1550	1724	2030	8446
								0%	0%	0%	0%	0%	1%
							grade 6 events	25083	25407	23669	23466	30283	127724
								12%	12%	12%	12%	13%	29%
							grade 7 events	21992	22816	22467	24204	25105	33338
								11%	11%	11%	12%	11%	7%

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	295.8283320220196
[deg] Pointing Dec	0	-44.57971265560302
[deg] Pointing Roll	0.0	12.34772450409735
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	142785356.221286	142785355.19657
Observation start date	2002-07-11T14:35:56	2002-07-11T14:35:55
[s] Observation end time (MET)	142815597.822527	142815596.79781
Observation end date	2002-07-11T22:59:58	2002-07-11T22:59:56
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951999709606

A.2 Comments