

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59527 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 26 2012

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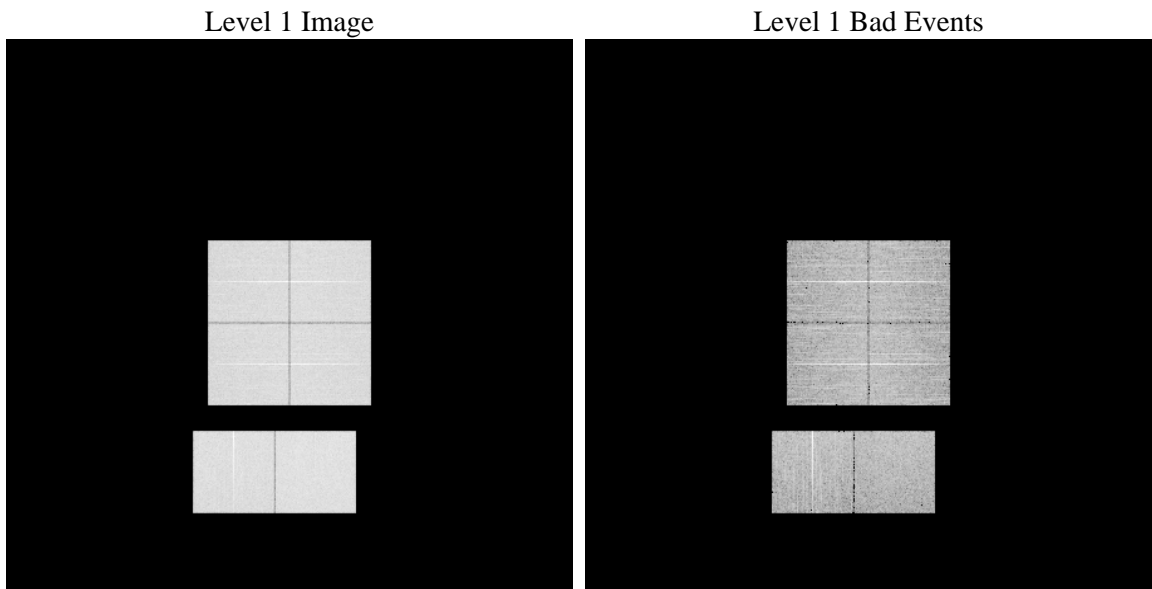
1 Front

seq_num	 	Sequence number
obs_id	59527	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	338.9776825985	Nominal RA [deg]
dec_nom	-10.981915238451	Nominal Dec [deg]
roll_nom	108.47944037987	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime0	6991.3956265748	Sum of GTIs [s]
ontime1	7202.0595057905	Sum of GTIs [s]
ontime2	6809.9007803798	Sum of GTIs [s]
ontime3	6958.9859336913	Sum of GTIs [s]
ontime6	7432.169057101	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
l2events	1033131	Number of level 2 events

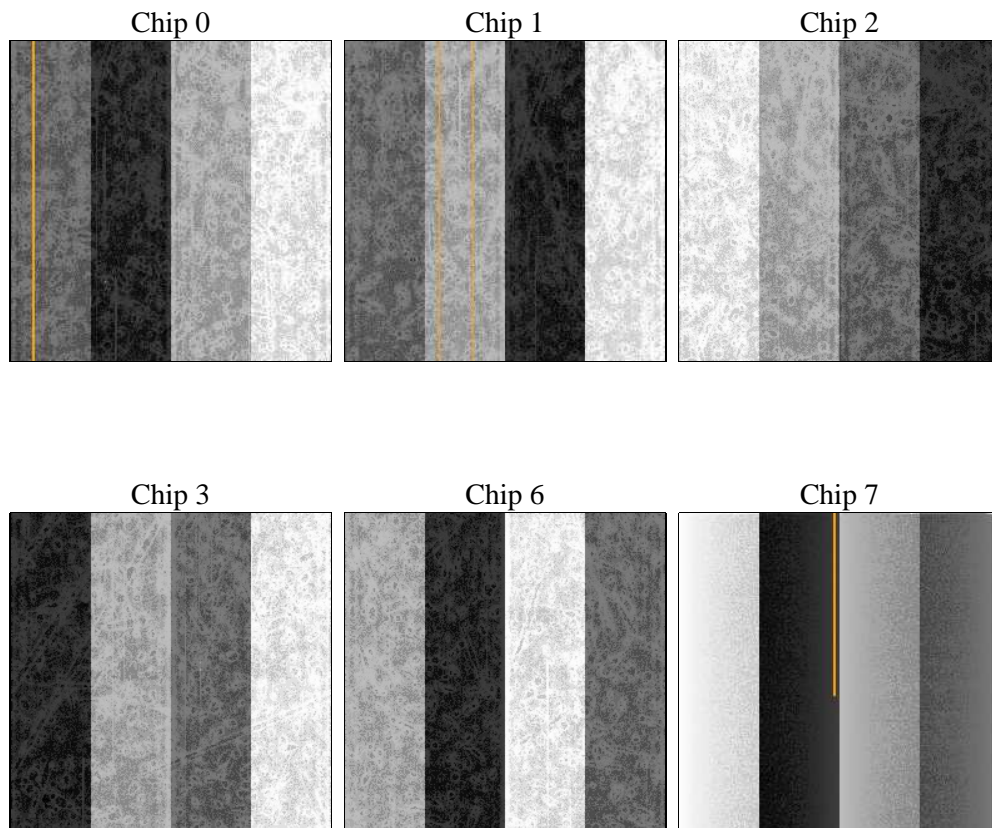
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	7798.3999709487	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	6991.3956265748	Sum of GTIs [s]
date	2012-12-26T18:50:29	Date and time of file creation	ontime1	7202.0595057905	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6809.9007803798	Sum of GTIs [s]
			ontime3	6958.9859336913	Sum of GTIs [s]
			ontime6	7432.169057101	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			l1events	1406718	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	220662	228394	220839	226263	246019	264541	grade 0 events	92434	95179	92871	95839	101486	51054
rejected events	51747	52413	53904	54866	57251	50165		41%	41%	42%	42%	41%	19%
rejected %	23%	22%	24%	24%	23%	18%	grade 1 events	597	537	627	652	548	164
								0%	0%	0%	0%	0%	0%
							grade 2 events	29383	31341	28092	29355	32780	46927
								13%	13%	12%	12%	13%	17%
							grade 3 events	11063	11227	10966	11180	11765	20853
								5%	4%	4%	4%	4%	7%
							grade 4 events	10924	11455	10923	10972	11776	21156
								4%	5%	4%	4%	4%	7%
							grade 5 events	3194	3397	2880	3471	3693	8843
								1%	1%	1%	1%	1%	3%
							grade 6 events	25111	26779	24083	24051	30961	74386
								11%	11%	10%	10%	12%	28%
							grade 7 events	47956	48479	50397	50743	53010	41158
								21%	21%	22%	22%	21%	15%

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	338.9776825985041
[deg] Pointing Dec	0	-10.98191523845111
[deg] Pointing Roll	0.0	108.4794403798684
[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)	238961850.456743	238961849.43173
Observation start date	2005-07-28T18:17:30	2005-07-28T18:17:29
[s] Observation end time (MET)	239014098.809136	239014097.78412
Observation end date	2005-07-29T08:48:19	2005-07-29T08:48:17
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)	2013.01.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments