

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 59979 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Dec 11 2012

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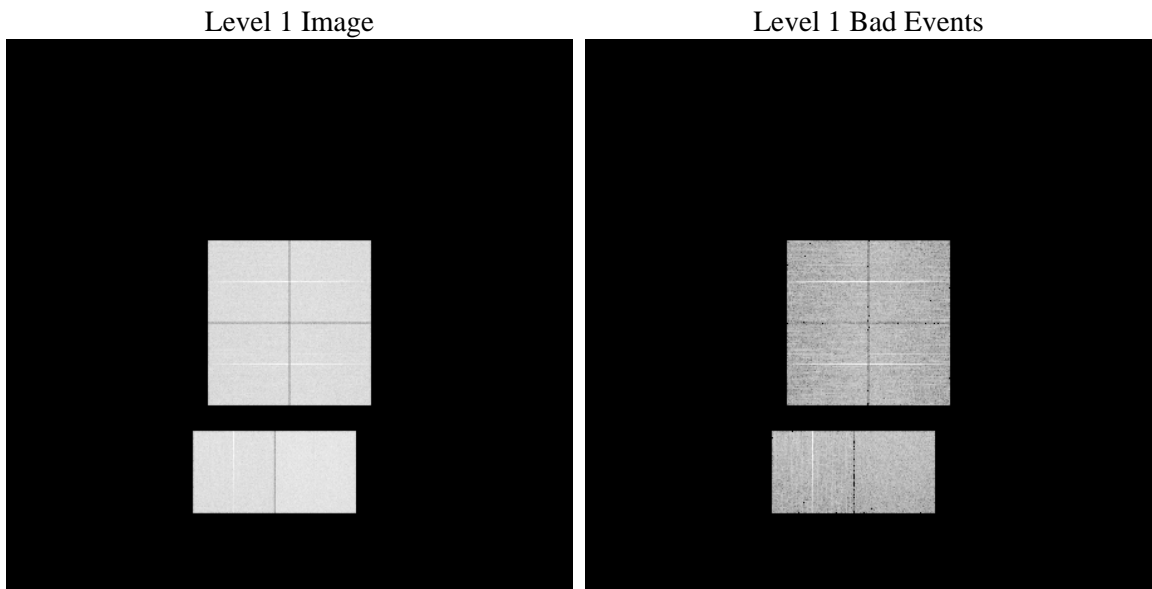
1 Front

seq_num	 	Sequence number
obs_id	59979	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	33.029451780165	Nominal RA [deg]
dec_nom	7.9965175238623	Nominal Dec [deg]
roll_nom	319.71035318969	Nominal Roll [deg]
revision	4	Processing version of data
ontime	8268.7999691963	Sum of GTIs [s]
livetime	8164.0954451128	Livetime [s]
ontime0	6763.113094002	Sum of GTIs [s]
ontime1	6952.9650210738	Sum of GTIs [s]
ontime2	6413.1699631512	Sum of GTIs [s]
ontime3	6691.7297964692	Sum of GTIs [s]
ontime6	7170.1100208461	Sum of GTIs [s]
ontime7	8268.7999691963	Sum of GTIs [s]
l2events	1132540	Number of level 2 events

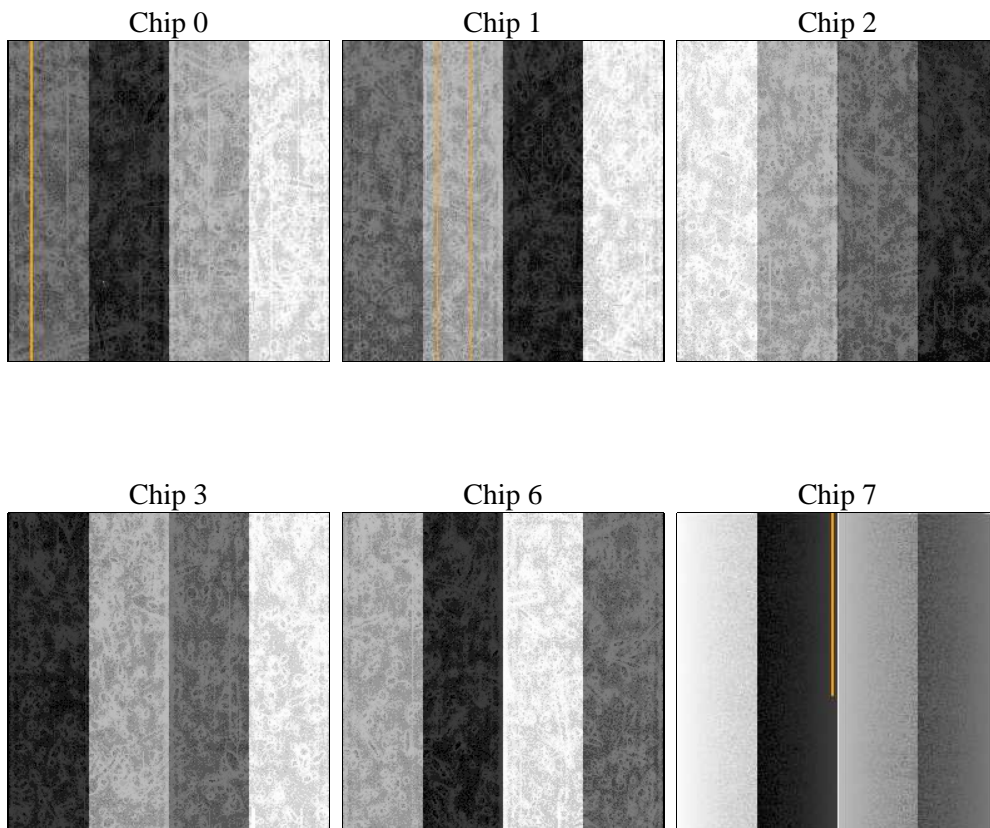
2 OBI

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	8.5	Processing system revision	ontime	8268.7999691963	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	6763.113094002	Sum of GTIs [s]
date	2012-12-11T03:51:27	Date and time of file creation	ontime1	6952.9650210738	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	6413.1699631512	Sum of GTIs [s]
			ontime3	6691.7297964692	Sum of GTIs [s]
			ontime6	7170.1100208461	Sum of GTIs [s]
			ontime7	8268.7999691963	Sum of GTIs [s]
			l1events	1496224	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	232394	239179	226103	234335	260205	304008	grade 0 events	100798	103797	97947	102861	110975	59768
rejected events	48670	49438	50384	50495	55300	52815		43%	43%	43%	43%	42%	19%
rejected %	20%	20%	22%	21%	21%	17%	grade 1 events	616	538	671	663	602	191
								0%	0%	0%	0%	0%	0%
							grade 2 events	32514	33714	29873	31251	35868	55086
								13%	14%	13%	13%	13%	18%
							grade 3 events	11832	12273	11430	12151	12833	25118
								5%	5%	5%	5%	4%	8%
							grade 4 events	11893	12021	11711	12084	12802	24742
								5%	5%	5%	5%	4%	8%
							grade 5 events	3001	3151	2884	3363	3613	9449
								1%	1%	1%	1%	1%	3%
							grade 6 events	26876	28128	24965	25675	32716	86773
								11%	11%	11%	10%	12%	28%
							grade 7 events	44864	45557	46622	46287	50796	42881
								19%	19%	20%	19%	19%	14%

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	33.02945178016453
[deg] Pointing Dec	0	7.996517523862284
[deg] Pointing Roll	0.0	319.7103531896853
[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)	215925944.062312	215925943.03729
Observation start date	2004-11-04T03:25:44	2004-11-04T03:25:43
[s] Observation end time (MET)	215949193.113356	215949192.08833
Observation end date	2004-11-04T09:53:13	2004-11-04T09:53:12
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2687999691963

A.2 Comments