

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57079 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 8 2012

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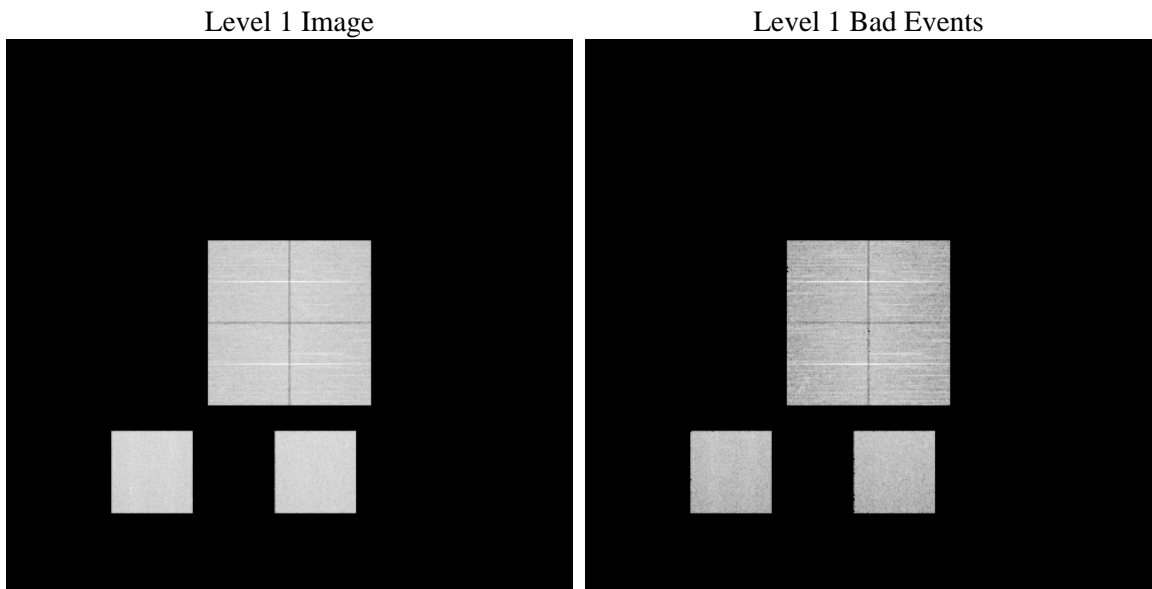
1 Front

seq_num	 	Sequence number
obs_id	57079	Observation id
title	ACIS-012357 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	138.03292712096	Nominal RA [deg]
dec_nom	57.97715845087	Nominal Dec [deg]
roll_nom	274.48015487489	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8447.9999685884	Sum of GTIs [s]
livetime	8341.0263062112	Livetime [s]
ontime0	8447.9999685884	Sum of GTIs [s]
ontime1	8447.9999685884	Sum of GTIs [s]
ontime2	8447.9999685884	Sum of GTIs [s]
ontime3	8447.9999685884	Sum of GTIs [s]
ontime5	8447.9999685884	Sum of GTIs [s]
ontime7	8447.9999685884	Sum of GTIs [s]
l2events	532465	Number of level 2 events

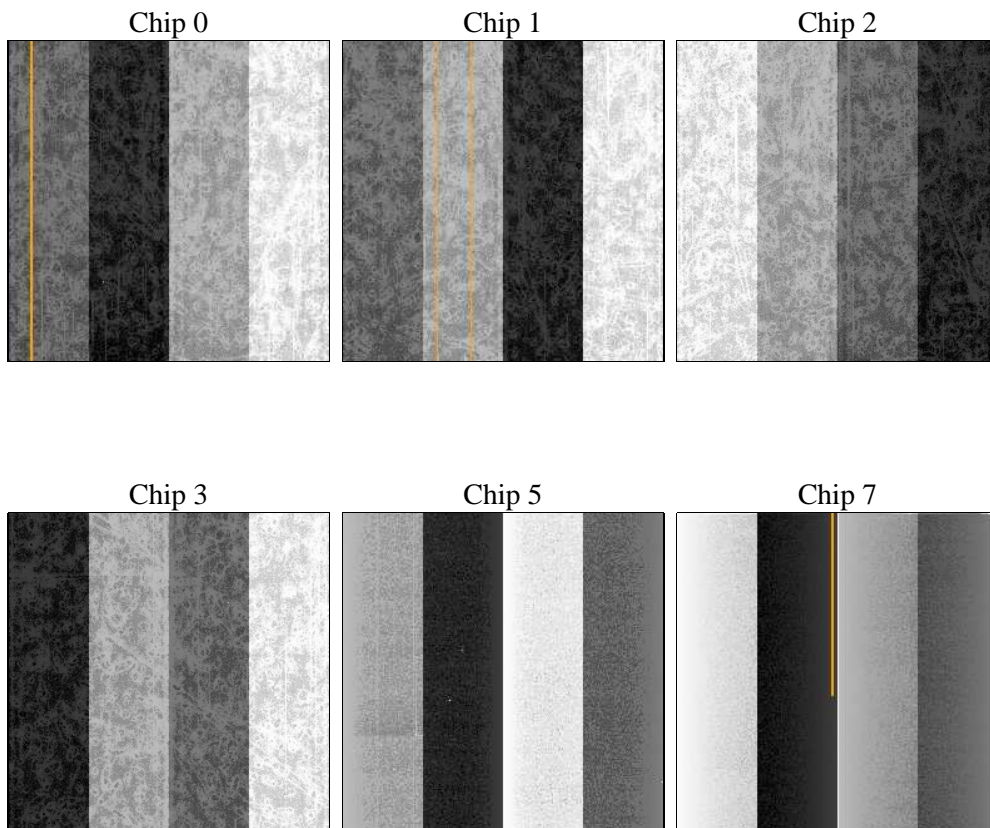
2 OBI

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	8447.9999685884	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8447.9999685884	Sum of GTIs [s]
date	2012-06-08T08:12:59	Date and time of file creation	ontime1	8447.9999685884	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8447.9999685884	Sum of GTIs [s]
			ontime3	8447.9999685884	Sum of GTIs [s]
			ontime5	8447.9999685884	Sum of GTIs [s]
			ontime7	8447.9999685884	Sum of GTIs [s]
			l1events	1023852	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	154982	155026	161552	164087	194832	193373	grade 0 events	42502	41063	44109	43881	13717	21277
rejected events	74910	75017	81163	83462	76824	74179		27%	26%	27%	26%	7%	11%
rejected %	48%	48%	50%	50%	39%	38%	grade 1 events	298	274	367	330	235	161
								0%	0%	0%	0%	0%	0%
							grade 2 events	14498	15678	13596	13830	44450	26114
								9%	10%	8%	8%	22%	13%
							grade 3 events	5509	5271	5451	5504	4683	10753
								3%	3%	3%	3%	2%	5%
							grade 4 events	5367	5234	5393	5575	4452	10429
								3%	3%	3%	3%	2%	5%
							grade 5 events	4162	4120	3977	4536	9345	11514
								2%	2%	2%	2%	4%	5%
							grade 6 events	12196	12763	11840	11835	50706	50621
								7%	8%	7%	7%	26%	26%
							grade 7 events	70450	70623	76819	78596	67244	62504
								45%	45%	47%	47%	34%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	138.0329271209586	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	57.97715845086967	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	274.4801548748948	[s] Primary exposure time	3.2	3.2
[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)	360095143.965367	360095142.94041			
Observation start date	2009-05-30T18:25:44	2009-05-30T18:25:42			
[s] Observation end time (MET)	360107853.965997	360107852.94104			
Observation end date	2009-05-30T21:57:34	2009-05-30T21:57:32			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4479999685884

A.2 Comments