

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56347 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 23 2012

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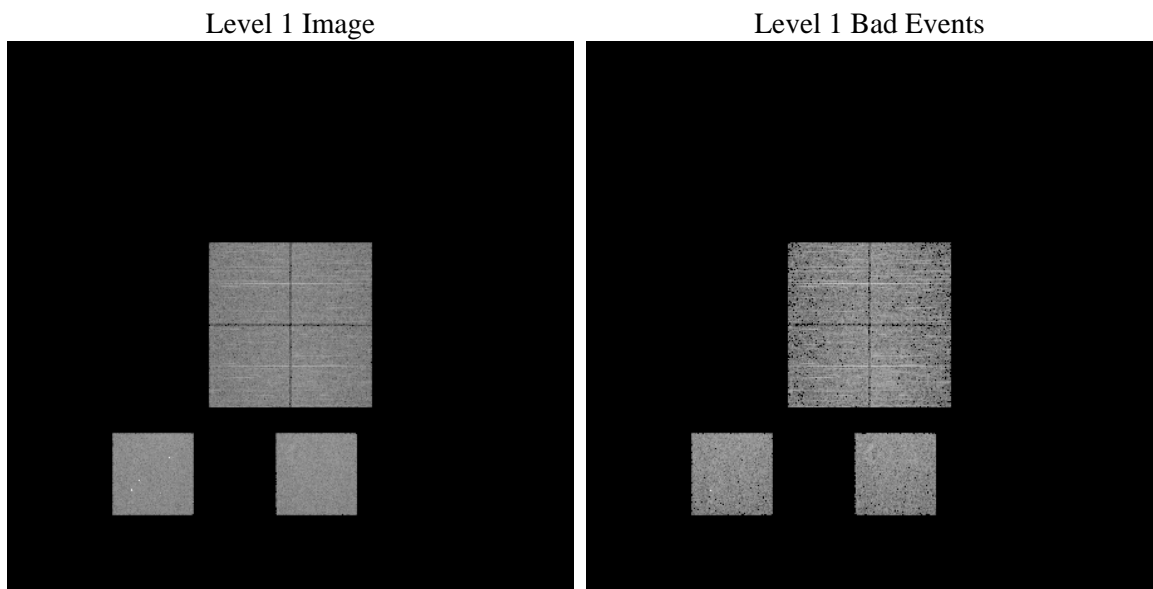
1 Front

seq_num	 	Sequence number
obs_id	56347	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	187.9970340139	Nominal RA [deg]
dec_nom	-30.002550550162	Nominal Dec [deg]
roll_nom	340.54063305139	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3285.7718852758	Sum of GTIs [s]
livetime	3244.1654632102	Livetime [s]
ontime0	3285.7308452725	Sum of GTIs [s]
ontime1	3285.6898052692	Sum of GTIs [s]
ontime2	3285.6487652659	Sum of GTIs [s]
ontime3	3285.8129252791	Sum of GTIs [s]
ontime5	3285.6077252626	Sum of GTIs [s]
ontime7	3285.7718852758	Sum of GTIs [s]
l2events	172490	Number of level 2 events

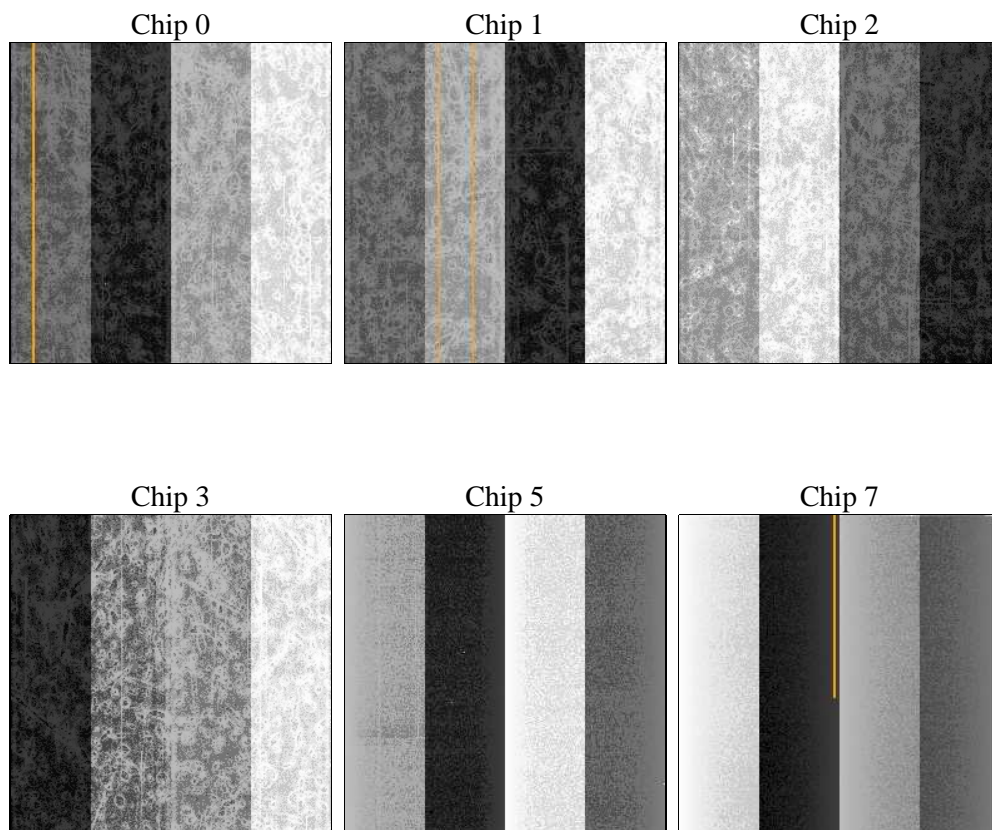
2 OBI

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	3285.7718852758	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	3285.7308452725	Sum of GTIs [s]
date	2012-06-23T21:02:39	Date and time of file creation	ontime1	3285.6898052692	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3285.6487652659	Sum of GTIs [s]
			ontime3	3285.8129252791	Sum of GTIs [s]
			ontime5	3285.6077252626	Sum of GTIs [s]
			ontime7	3285.7718852758	Sum of GTIs [s]
			l1events	337228	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	50112	50388	50471	52260	67972	66025	grade 0 events	13568	13465	13636	13929	7025	7095
rejected events	24422	24679	25163	26675	26644	26419		27%	26%	27%	26%	10%	10%
rejected %	48%	48%	49%	51%	39%	40%	grade 1 events	85	91	98	95	70	83
								0%	0%	0%	0%	0%	0%
							grade 2 events	4715	4896	4466	4510	14323	8601
								9%	9%	8%	8%	21%	13%
							grade 3 events	1740	1699	1761	1838	1807	3681
								3%	3%	3%	3%	2%	5%
							grade 4 events	1732	1688	1799	1654	1684	3609
								3%	3%	3%	3%	2%	5%
							grade 5 events	1561	1550	1449	1649	3626	4197
								3%	3%	2%	3%	5%	6%
							grade 6 events	3935	3961	3646	3654	16489	16620
								7%	7%	7%	6%	24%	25%
							grade 7 events	22776	23038	23616	24931	22948	22139
								45%	45%	46%	47%	33%	33%

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	187.997034013898	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-30.00255055016247	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	340.540633051392	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	387021093.771439	387021092.74644			
Observation start date	2010-04-07T09:51:34	2010-04-07T09:51:32			
[s] Observation end time (MET)	387027715.271775	387027714.24678			
Observation end date	2010-04-07T11:41:55	2010-04-07T11:41:54			
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)	2012.06.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2857718852758

A.2 Comments