

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 51962 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 8 2015

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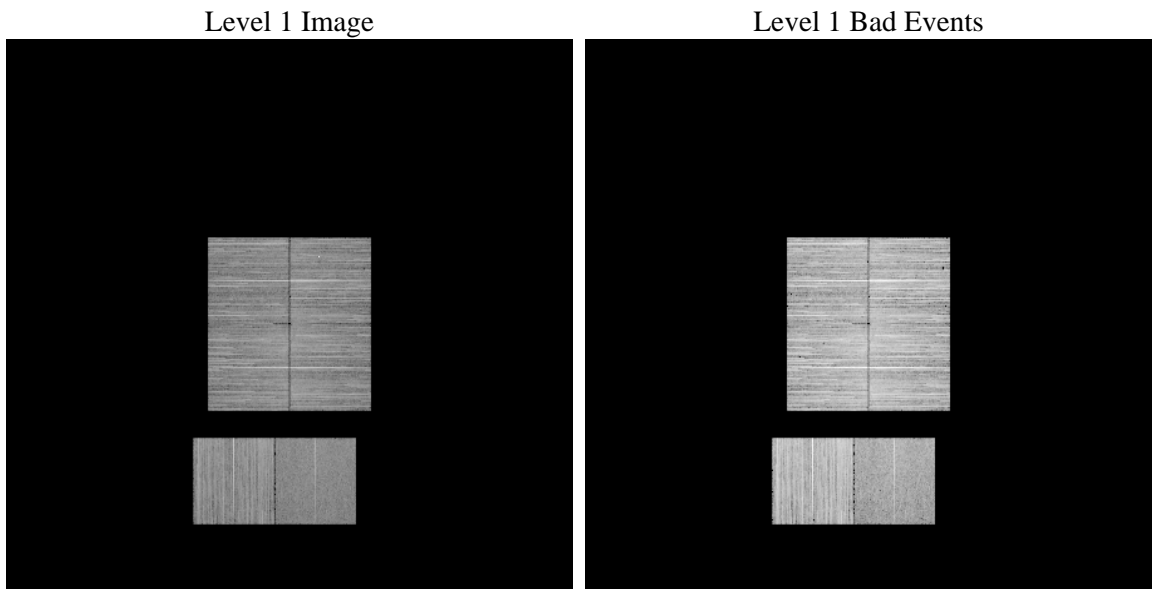
1 Front

seq_num	 	Sequence number
obs_id	51962	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	213.95741285912	Nominal RA [deg]
dec_nom	47.993316805	Nominal Dec [deg]
roll_nom	159.91711312138	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8232.2893308401	Sum of GTIs [s]
livetime	8128.0471264435	Livetime [s]
ontime0	8232.2482907772	Sum of GTIs [s]
ontime1	8232.2072508335	Sum of GTIs [s]
ontime2	8232.1662107706	Sum of GTIs [s]
ontime3	8232.3303707838	Sum of GTIs [s]
ontime6	8232.1251708269	Sum of GTIs [s]
ontime7	8232.2893308401	Sum of GTIs [s]
l2events	146993	Number of level 2 events

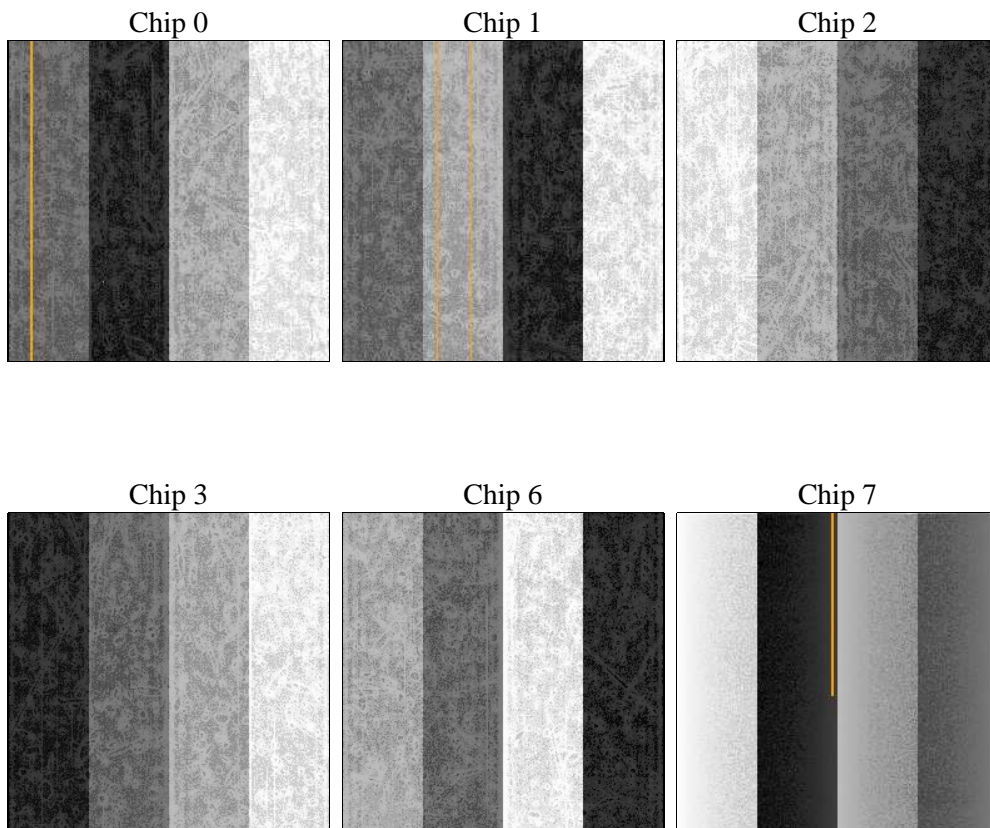
2 OBI

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	10.3.3	Processing system revision	ontime	8232.2893308401	Sum of GTIs [s]
caldsver	4.6.7	 	ontime0	8232.2482907772	Sum of GTIs [s]
date	2015-04-09T03:29:09	Date and time of file creation	ontime1	8232.2072508335	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8232.1662107706	Sum of GTIs [s]
			ontime3	8232.3303707838	Sum of GTIs [s]
			ontime6	8232.1251708269	Sum of GTIs [s]
			ontime7	8232.2893308401	Sum of GTIs [s]
			l1events	825364	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	130605	145289	145744	145545	145875	112306	grade 0 events	10383	11460	10838	10892	9885	5482
rejected events	108800	121118	124116	123453	123386	66697		7%	7%	7%	7%	6%	4%
rejected %	83%	83%	85%	84%	84%	59%	grade 1 events	56	51	56	48	42	83
								0%	0%	0%	0%	0%	0%
							grade 2 events	5062	5831	4473	4593	5639	11446
								3%	4%	3%	3%	3%	10%
							grade 3 events	1445	1383	1554	1534	1453	3217
								1%	0%	1%	1%	0%	2%
							grade 4 events	1402	1414	1506	1595	1393	3254
								1%	0%	1%	1%	0%	2%
							grade 5 events	2522	2534	2414	2838	2652	6535
								1%	1%	1%	1%	1%	5%
							grade 6 events	3574	4166	3331	3538	4202	22386
								2%	2%	2%	2%	2%	19%
							grade 7 events	106161	118450	121572	120507	120609	59903
								81%	81%	83%	82%	82%	53%

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	213.9574128591232
[deg] Pointing Dec	0	47.99331680500016
[deg] Pointing Roll	0.0	159.9171131213815
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	544909234.711919	544909234.711919
Observation start date	2015-04-08T19:40:35	2015-04-08T19:40:34
[s] Observation end time (MET)	544918513.474299	544918513.474299
Observation end date	2015-04-08T22:15:13	2015-04-08T22:15:13
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.04.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2322893308401

A.2 Comments