

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51202 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 9 2016

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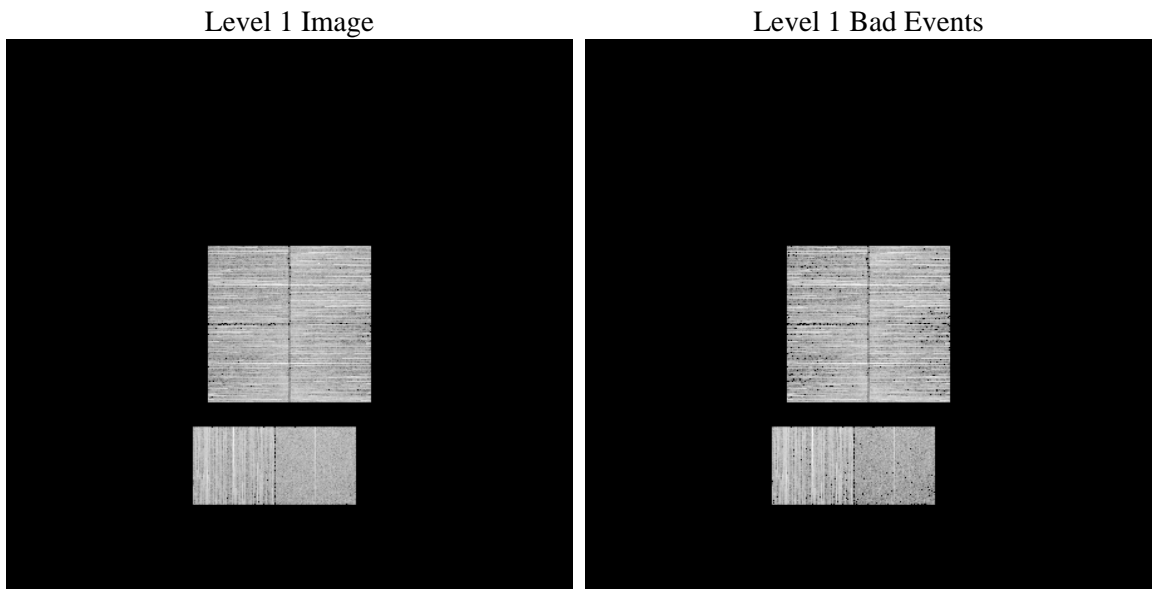
1 Front

seq_num	 	Sequence number
obs_id	51202	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	191.86399056698	Nominal RA [deg]
dec_nom	22.018568899522	Nominal Dec [deg]
roll_nom	127.12193411762	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3203.1392034292	Sum of GTIs [s]
livetime	3162.5791261365	Livetime [s]
ontime0	3203.0981633663	Sum of GTIs [s]
ontime1	3203.0571234226	Sum of GTIs [s]
ontime2	3203.0160833597	Sum of GTIs [s]
ontime3	3203.1802433729	Sum of GTIs [s]
ontime6	3202.975043416	Sum of GTIs [s]
ontime7	3203.1392034292	Sum of GTIs [s]
l2events	55796	Number of level 2 events

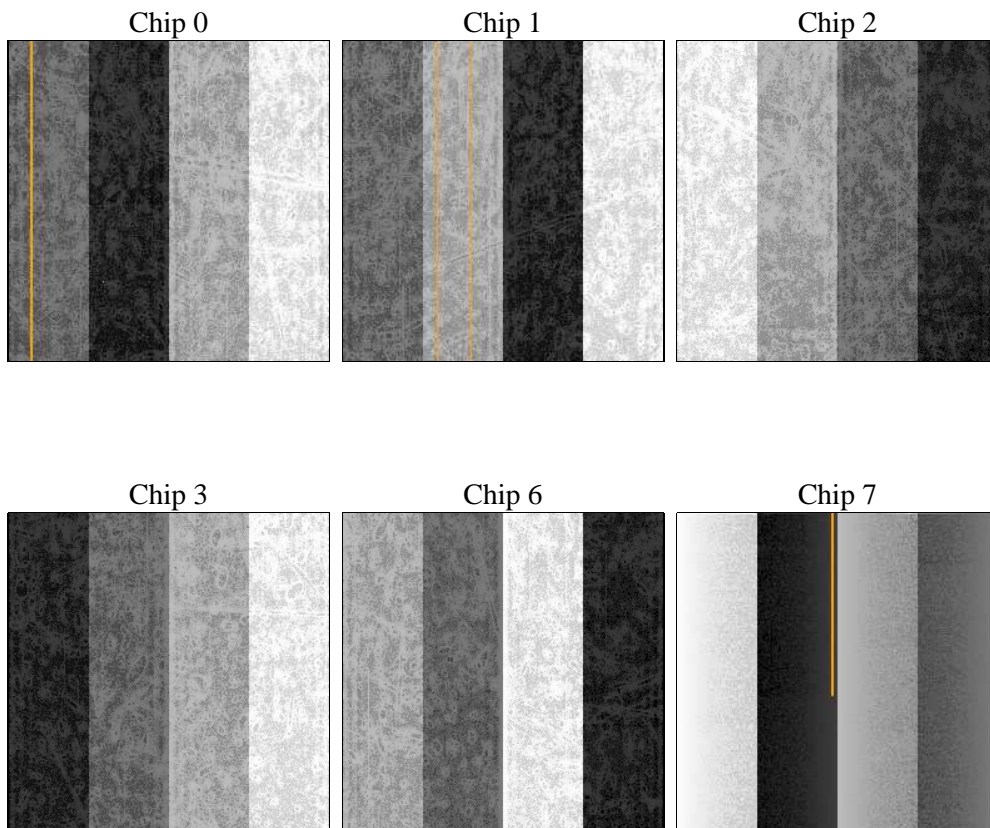
2 OBI

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	10.4.3.1	Processing system revision	ontime	3203.1392034292	Sum of GTIs [s]
caldbver	4.7.0	 	ontime0	3203.0981633663	Sum of GTIs [s]
date	2016-03-10T00:10:45	Date and time of file creation	ontime1	3203.0571234226	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3203.0160833597	Sum of GTIs [s]
			ontime3	3203.1802433729	Sum of GTIs [s]
			ontime6	3202.975043416	Sum of GTIs [s]
			ontime7	3203.1392034292	Sum of GTIs [s]
			l1events	401847	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	62766	77483	66262	70089	73023	52224	grade 0 events	3751	3574	3899	3734	3627	2090
rejected events	54874	69338	58323	62282	64892	32528		5%	4%	5%	5%	4%	4%
rejected %	87%	89%	88%	88%	88%	62%	grade 1 events	17	22	30	44	27	38
								0%	0%	0%	0%	0%	0%
							grade 2 events	1791	2049	1741	1640	1966	5033
								2%	2%	2%	2%	2%	9%
							grade 3 events	564	553	559	639	523	1394
								0%	0%	0%	0%	0%	2%
							grade 4 events	549	540	554	580	505	1518
								0%	0%	0%	0%	0%	2%
							grade 5 events	1281	1277	1173	1370	1306	3321
								2%	1%	1%	1%	1%	6%
							grade 6 events	1397	1585	1333	1355	1671	10058
								2%	2%	2%	1%	2%	19%
							grade 7 events	53416	67883	56973	60727	63398	28772
								85%	87%	85%	86%	86%	55%

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	191.8639905669781
[deg] Pointing Dec	0	22.01856889952235
[deg] Pointing Roll	0.0	127.1219341176223
SIM focus pos (mm)	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	573928817.725394	573928817.725394
Observation start date	2016-03-09T16:40:18	2016-03-09T16:40:17
[s] Observation end time (MET)	573933366.308434	573933366.308434
Observation end date	2016-03-09T17:56:06	2016-03-09T17:56:06
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.03.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2031392034292

A.2 Comments