

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 51072 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 29 2016

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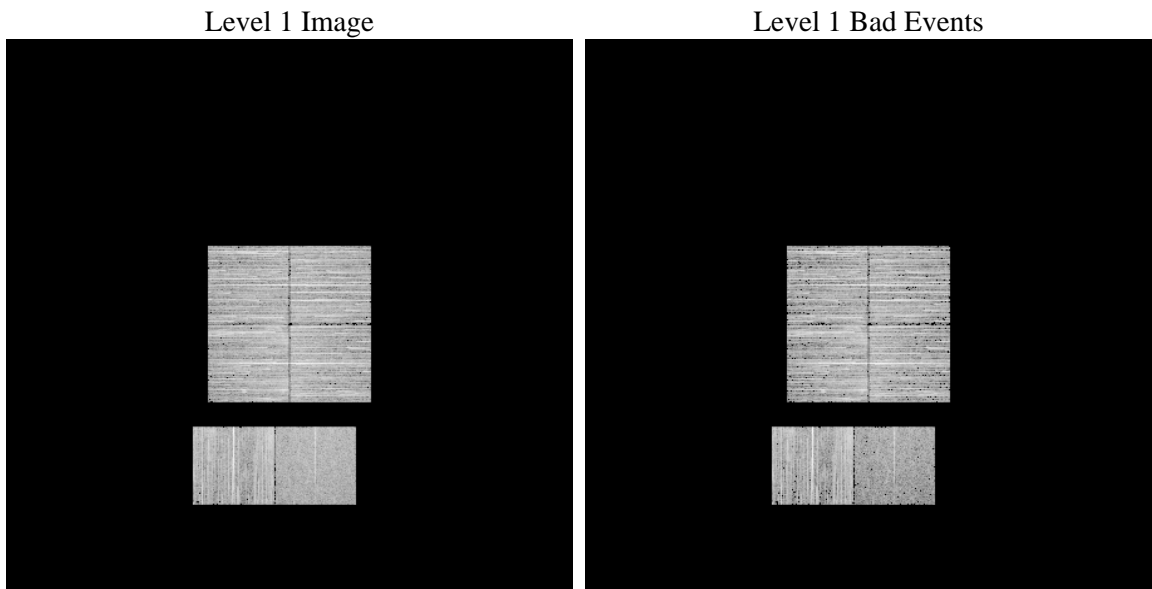
1 Front

seq_num	 	Sequence number
obs_id	51072	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	344.97910686784	Nominal RA [deg]
dec_nom	7.0224485698319	Nominal Dec [deg]
roll_nom	103.15373444075	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3458.1482279301	Sum of GTIs [s]
livetime	3414.3590728211	Livetime [s]
ontime0	3458.1481782198	Sum of GTIs [s]
ontime1	3458.1482080221	Sum of GTIs [s]
ontime2	3458.1481782198	Sum of GTIs [s]
ontime3	3458.1482080221	Sum of GTIs [s]
ontime6	3458.1223663092	Sum of GTIs [s]
ontime7	3458.1482279301	Sum of GTIs [s]
l2events	60028	Number of level 2 events

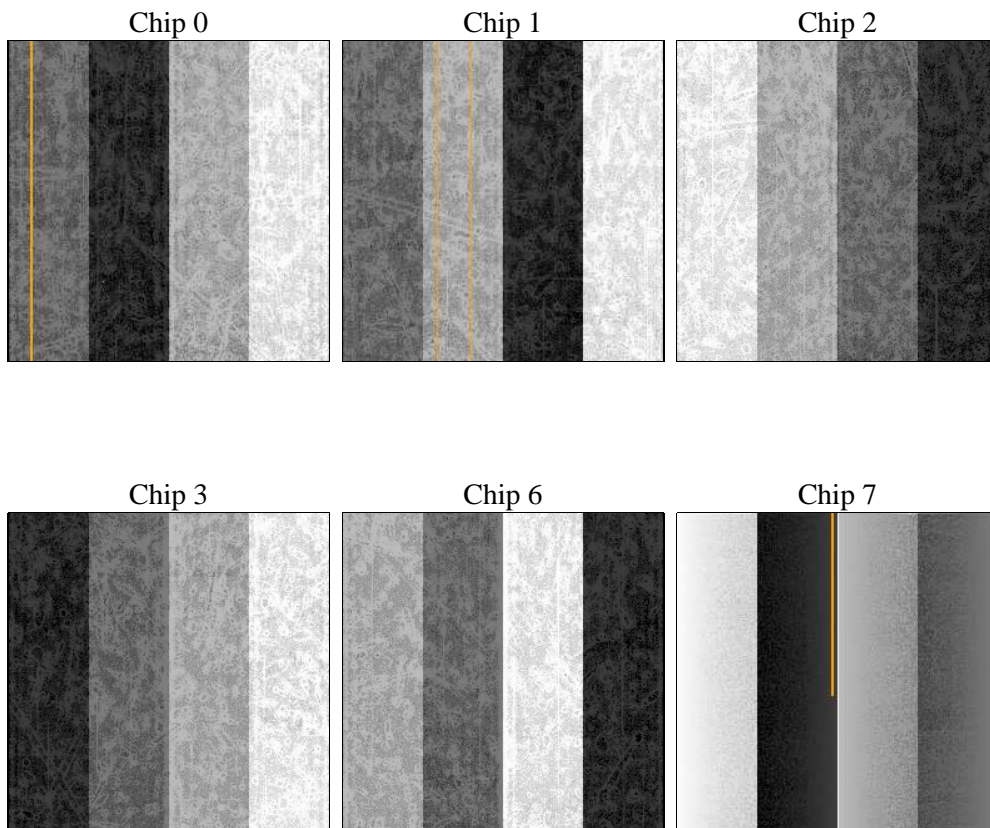
2 OBI

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	3458.1482279301	Sum of GTIs [s]
caldbver	4.7.1	 	ontime0	3458.1481782198	Sum of GTIs [s]
date	2016-04-29T17:56:05	Date and time of file creation	ontime1	3458.1482080221	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3458.1481782198	Sum of GTIs [s]
			ontime3	3458.1482080221	Sum of GTIs [s]
			ontime6	3458.1223663092	Sum of GTIs [s]
			ontime7	3458.1482279301	Sum of GTIs [s]
			l1events	399082	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	67163	70029	71029	69940	66126	54795	grade 0 events	3926	3847	3939	3929	3849	2309
rejected events	58652	61323	62845	61620	57342	33194		5%	5%	5%	5%	5%	4%
rejected %	87%	87%	88%	88%	86%	60%	grade 1 events	29	28	29	29	28	31
								0%	0%	0%	0%	0%	0%
							grade 2 events	1975	2056	1754	1734	2041	5381
								2%	2%	2%	2%	3%	9%
							grade 3 events	579	616	583	634	605	1638
								0%	0%	0%	0%	0%	2%
							grade 4 events	590	615	612	621	596	1591
								0%	0%	0%	0%	0%	2%
							grade 5 events	1396	1372	1287	1526	1450	3499
								2%	1%	1%	2%	2%	6%
							grade 6 events	1441	1572	1296	1402	1693	10682
								2%	2%	1%	2%	2%	19%
							grade 7 events	57227	59923	61529	60065	55864	29664
								85%	85%	86%	85%	84%	54%

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	344.9791068678399
[deg] Pointing Dec	0	7.022448569831917
[deg] Pointing Roll	0.0	103.1537344407549
[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)	578308780.3255399	578308779.30054
Observation start date	2016-04-29T09:19:40	2016-04-29T09:19:39
[s] Observation end time (MET)	578315157.875904	578315156.8509001
Observation end date	2016-04-29T11:05:58	2016-04-29T11:05:56
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2016.04.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.4581482279301

A.2 Comments