

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 51946 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 19 2015

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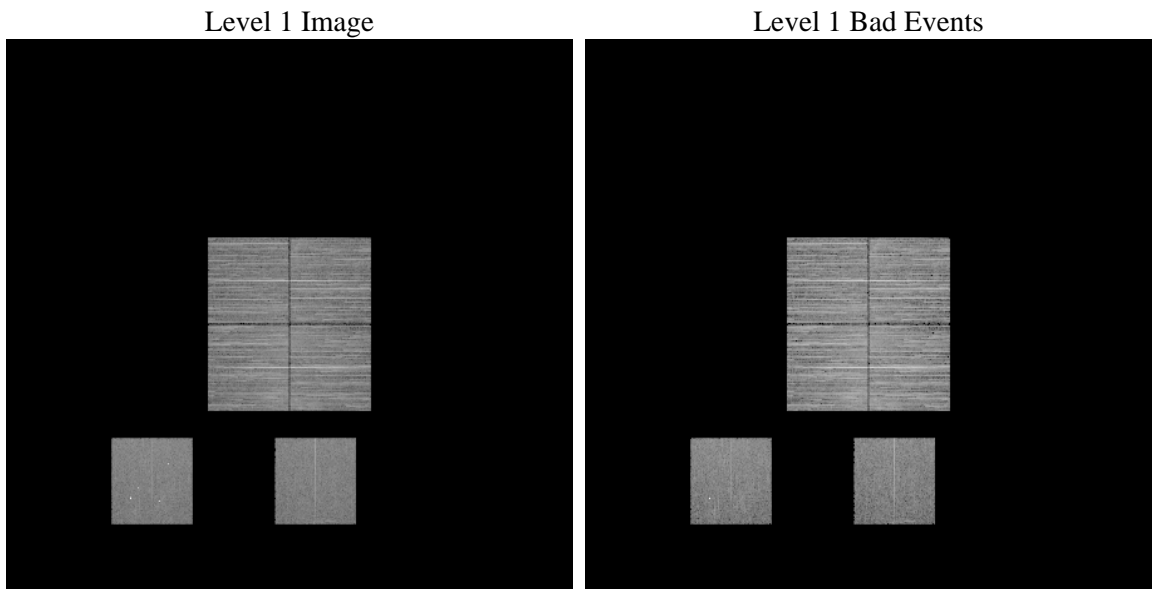
1 Front

seq_num	 	Sequence number
obs_id	51946	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	216.17042410159	Nominal RA [deg]
dec_nom	19.792471227065	Nominal Dec [deg]
roll_nom	162.40893068935	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8235.3131561279	Sum of GTIs [s]
livetime	8131.0326622348	Livetime [s]
ontime0	8235.272116065	Sum of GTIs [s]
ontime1	8235.2310761213	Sum of GTIs [s]
ontime2	8235.1900360584	Sum of GTIs [s]
ontime3	8235.3541960716	Sum of GTIs [s]
ontime5	8235.1489961147	Sum of GTIs [s]
ontime7	8235.3131561279	Sum of GTIs [s]
l2events	176563	Number of level 2 events

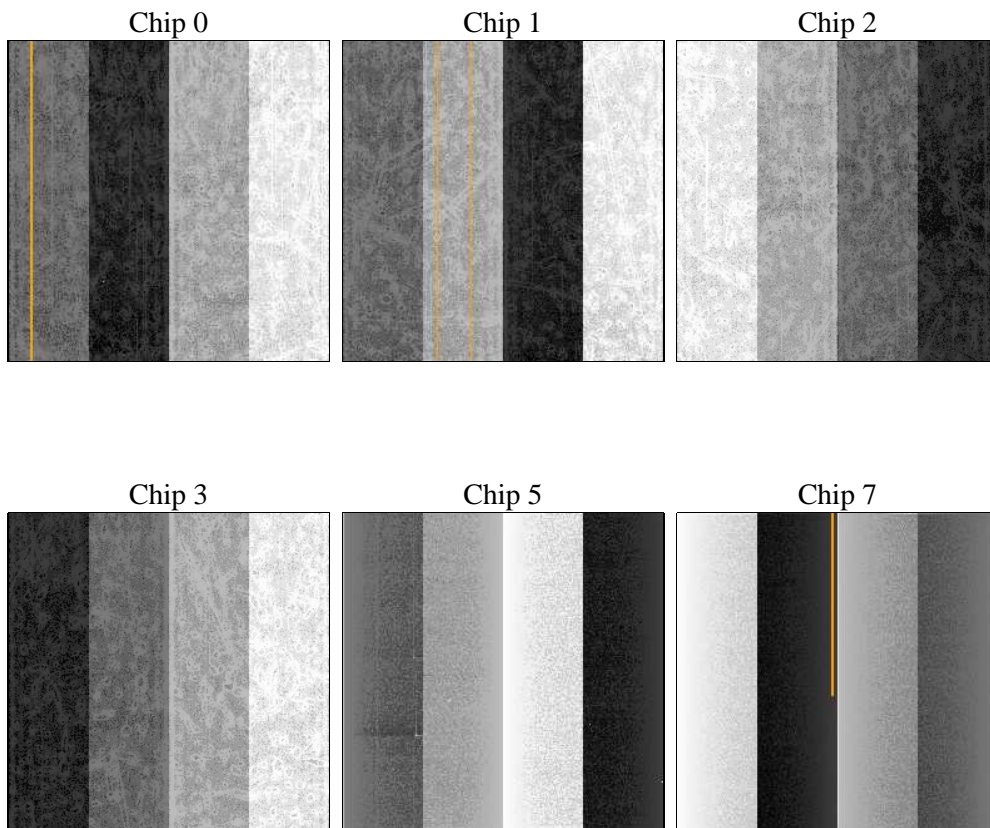
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.3.3	Processing system revision	ontime	8235.3131561279	Sum of GTIs [s]
caldsver	4.6.7	 	ontime0	8235.272116065	Sum of GTIs [s]
date	2015-04-19T21:48:00	Date and time of file creation	ontime1	8235.2310761213	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8235.1900360584	Sum of GTIs [s]
			ontime3	8235.3541960716	Sum of GTIs [s]
			ontime5	8235.1489961147	Sum of GTIs [s]
			ontime7	8235.3131561279	Sum of GTIs [s]
			l1events	764510	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	123348	131445	141273	138274	119651	110519	grade 0 events	10999	10662	11379	11255	5901	6152
rejected events	101116	108903	118936	116029	67798	63308		8%	8%	8%	8%	4%	5%
rejected %	81%	82%	84%	83%	56%	57%	grade 1 events	52	46	68	71	145	88
								0%	0%	0%	0%	0%	0%
							grade 2 events	4487	5039	4450	4342	19267	11626
								3%	3%	3%	3%	16%	10%
							grade 3 events	1610	1506	1603	1569	1644	3727
								1%	1%	1%	1%	1%	3%
							grade 4 events	1579	1595	1566	1598	1641	3838
								1%	1%	1%	1%	1%	3%
							grade 5 events	2644	2685	2614	2890	5473	7135
								2%	2%	1%	2%	4%	6%
							grade 6 events	3673	3830	3428	3562	23588	22050
								2%	2%	2%	2%	19%	19%
							grade 7 events	98304	106082	116165	112987	61992	55903
								79%	80%	82%	81%	51%	50%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	216.1704241015867
[deg] Pointing Dec	0	19.79247122706509
[deg] Pointing Roll	0.0	162.4089306893547
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	545819809.9128439	545819808.88784
Observation start date	2015-04-19T08:36:50	2015-04-19T08:36:48
[s] Observation end time (MET)	545829668.363395	545829667.3384
Observation end date	2015-04-19T11:21:08	2015-04-19T11:21:07
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.04.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2353131561279

A.2 Comments