

V&V Reference Report

L2 ASCDS Version : 10.4.3

Observation 51346 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 12 2016

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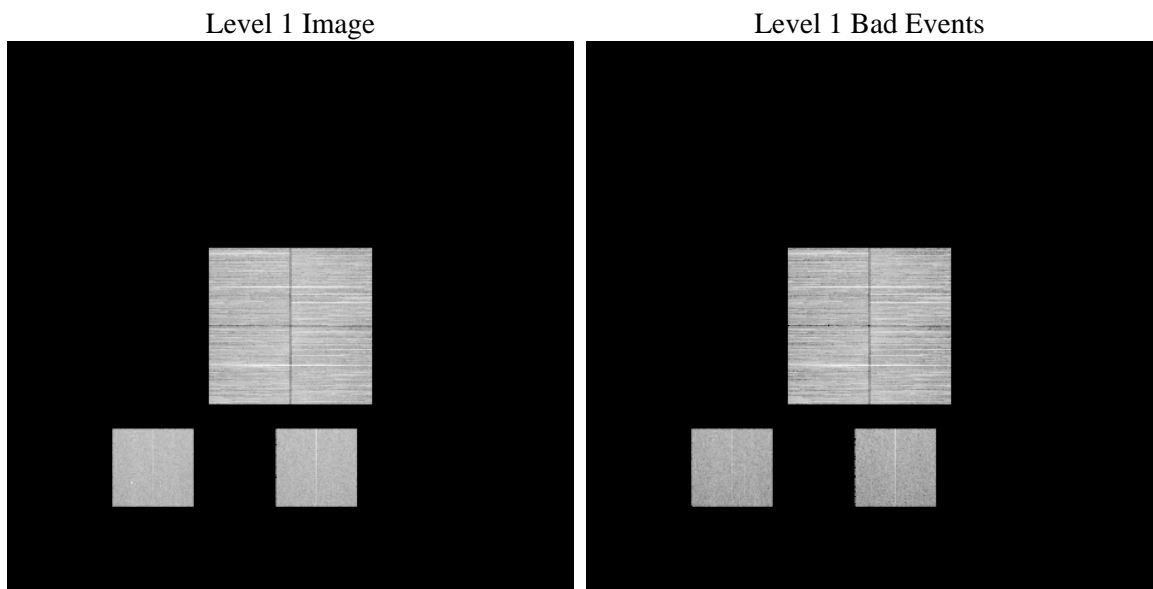
1 Front

seq_num	 	Sequence number
obs_id	51346	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	143.00476873627	Nominal RA [deg]
dec_nom	-3.9714749469828	Nominal Dec [deg]
roll_nom	47.771539674079	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8357.6566140652	Sum of GTIs [s]
livetime	8251.8269336412	Livetime [s]
ontime0	8357.6155740023	Sum of GTIs [s]
ontime1	8357.5745340586	Sum of GTIs [s]
ontime2	8357.5334939957	Sum of GTIs [s]
ontime3	8357.6976540089	Sum of GTIs [s]
ontime5	8357.492454052	Sum of GTIs [s]
ontime7	8357.6566140652	Sum of GTIs [s]
l2events	205862	Number of level 2 events

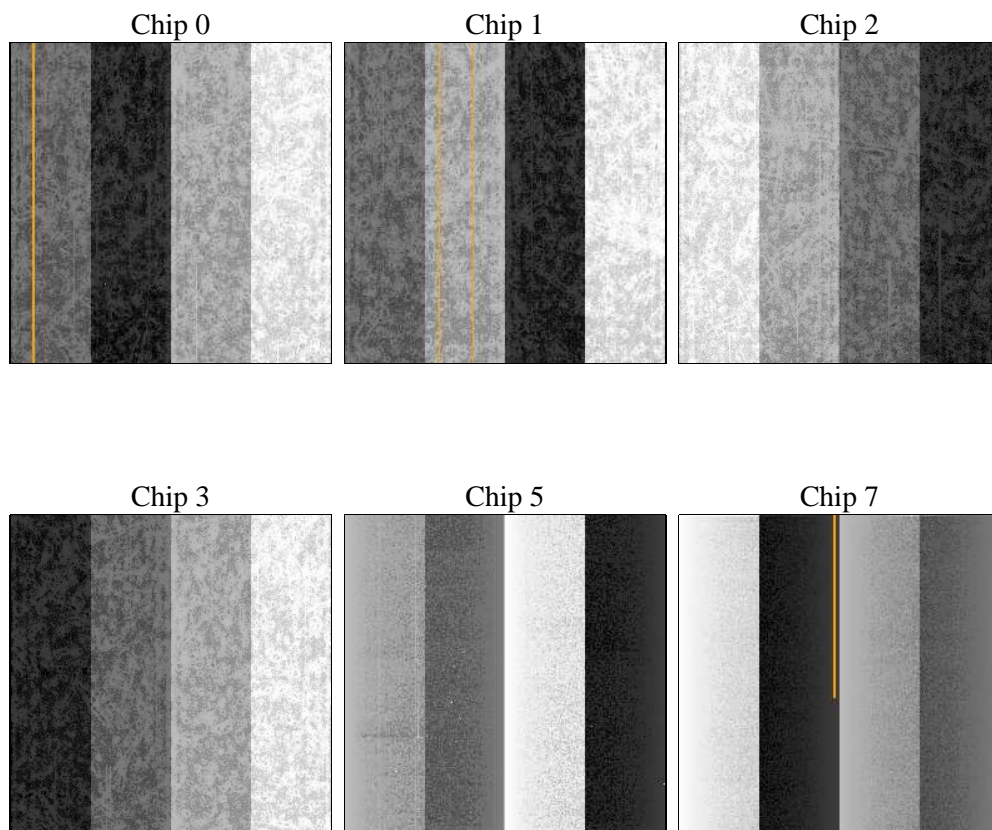
2 OBI

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	Processing system revision	ontime	8357.6566140652	Sum of GTIs [s]
caldsver	4.7.0	 	ontime0	8357.6155740023	Sum of GTIs [s]
date	2016-01-12T07:21:03	Date and time of file creation	ontime1	8357.5745340586	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8357.5334939957	Sum of GTIs [s]
			ontime3	8357.6976540089	Sum of GTIs [s]
			ontime5	8357.492454052	Sum of GTIs [s]
			ontime7	8357.6566140652	Sum of GTIs [s]
			l1events	991746	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	169857	185593	184820	177745	139081	134650	grade 0 events	11782	10756	12395	12760	3750	6098
rejected events	143475	158929	158910	151092	81665	80936		6%	5%	6%	7%	2%	4%
rejected %	84%	85%	85%	85%	58%	60%	grade 1 events	67	64	86	81	192	114
								0%	0%	0%	0%	0%	0%
							grade 2 events	6394	7603	5687	5831	21327	14062
								3%	4%	3%	3%	15%	10%
							grade 3 events	1692	1582	1724	1712	1524	3572
								0%	0%	0%	0%	1%	2%
							grade 4 events	1750	1557	1766	1793	1563	3516
								1%	0%	0%	1%	1%	2%
							grade 5 events	3143	3058	2845	3440	5996	7633
								1%	1%	1%	1%	4%	5%
							grade 6 events	4963	5363	4562	4743	29853	26960
								2%	2%	2%	2%	21%	20%
							grade 7 events	140066	155610	155755	147385	74876	72695
								82%	83%	84%	82%	53%	53%

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	143.0047687362706
[deg] Pointing Dec	0	-3.971474946982804
[deg] Pointing Roll	0.0	47.7715396740795
[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)	568941149.056134	568941148.03113
Observation start date	2016-01-11T23:12:29	2016-01-11T23:12:28
[s] Observation end time (MET)	568953274.8068219	568953273.7818201
Observation end date	2016-01-12T02:34:35	2016-01-12T02:34:33
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)	2016.01.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3576566140652

A.2 Comments