

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 51682 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 19 2015

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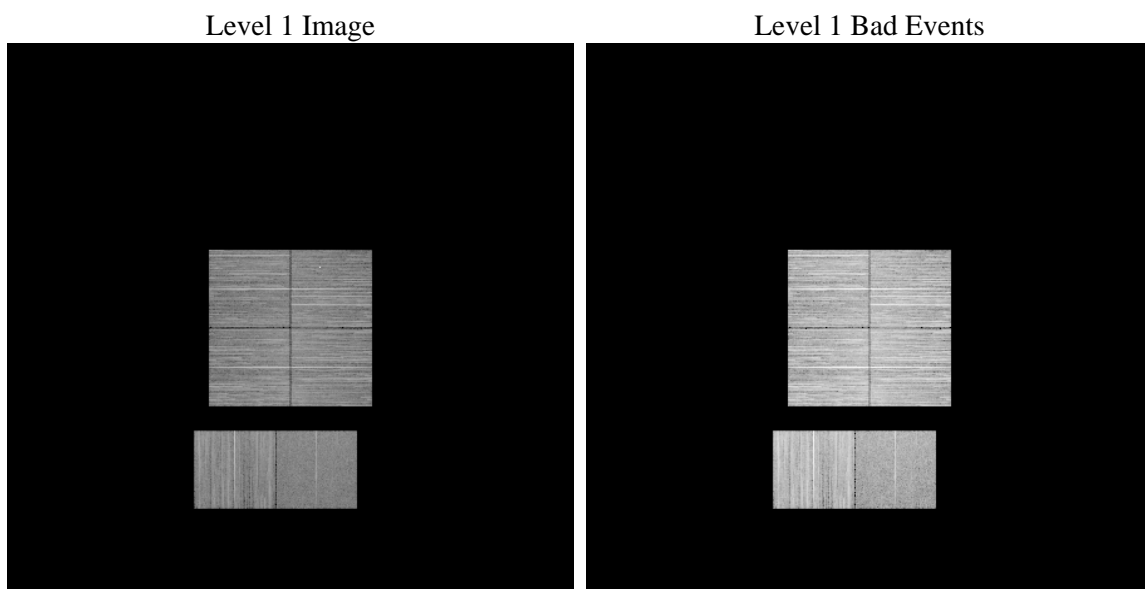
1 Front

seq_num	 	Sequence number
obs_id	51682	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	306.72071990594	Nominal RA [deg]
dec_nom	2.8650577617649	Nominal Dec [deg]
roll_nom	233.30111199303	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8380.3552961349	Sum of GTIs [s]
livetime	8274.2381913311	Livetime [s]
ontime0	8380.314256072	Sum of GTIs [s]
ontime1	8380.2732161283	Sum of GTIs [s]
ontime2	8380.2321760654	Sum of GTIs [s]
ontime3	8380.3963360786	Sum of GTIs [s]
ontime6	8380.1911361217	Sum of GTIs [s]
ontime7	8380.3552961349	Sum of GTIs [s]
l2events	148191	Number of level 2 events

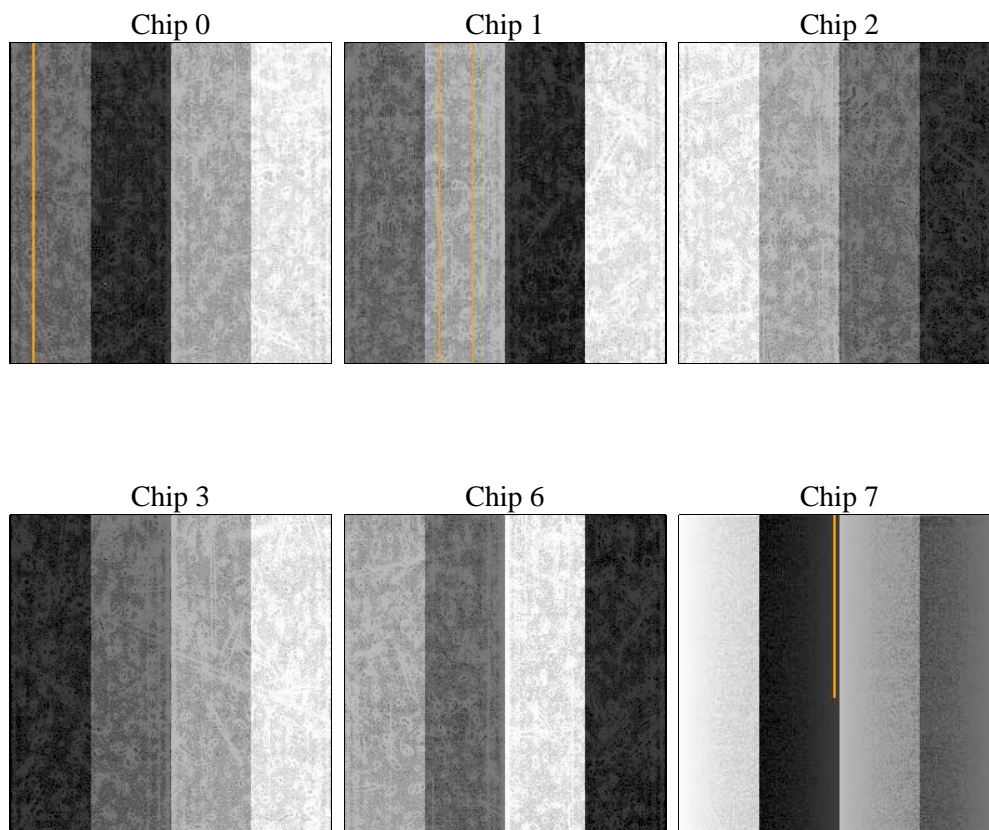
2 OBI

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	10.4.1	Processing system revision	ontime	8380.3552961349	Sum of GTIs [s]
caldsver	4.6.8	 	ontime0	8380.314256072	Sum of GTIs [s]
date	2015-08-20T02:45:39	Date and time of file creation	ontime1	8380.2732161283	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8380.2321760654	Sum of GTIs [s]
			ontime3	8380.3963360786	Sum of GTIs [s]
			ontime6	8380.1911361217	Sum of GTIs [s]
			ontime7	8380.3552961349	Sum of GTIs [s]
			l1events	927723	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	148297	160141	166673	169852	159672	123088	grade 0 events	10254	12357	10655	10721	10148	5685
rejected events	126857	135840	145205	148243	137285	74122		6%	7%	6%	6%	6%	4%
rejected %	85%	84%	87%	87%	85%	60%	grade 1 events	58	56	70	71	50	98
								0%	0%	0%	0%	0%	0%
							grade 2 events	4745	5228	4400	4458	5237	12249
								3%	3%	2%	2%	3%	9%
							grade 3 events	1516	1457	1545	1570	1545	3712
								1%	0%	0%	0%	0%	3%
							grade 4 events	1483	1477	1594	1513	1497	3534
								1%	0%	0%	0%	0%	2%
							grade 5 events	3070	3005	2824	3314	3084	7423
								2%	1%	1%	1%	1%	6%
							grade 6 events	3594	3988	3434	3512	4126	24149
								2%	2%	2%	2%	2%	19%
							grade 7 events	123577	132573	142151	144693	133985	66238
								83%	82%	85%	85%	83%	53%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	306.7207199059386	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	2.865057761764853	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	233.3011119930273	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	556373876.755973	556373875.73097			
Observation start date	2015-08-19T12:17:57	2015-08-19T12:17:55			
[s] Observation end time (MET)	556386254.656672	556386253.63167			
Observation end date	2015-08-19T15:44:15	2015-08-19T15:44:13			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3803552961349

A.2 Comments