

V&V Reference Report

L2 ASCDS Version : 10.4

Observation 51806 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 27 2015

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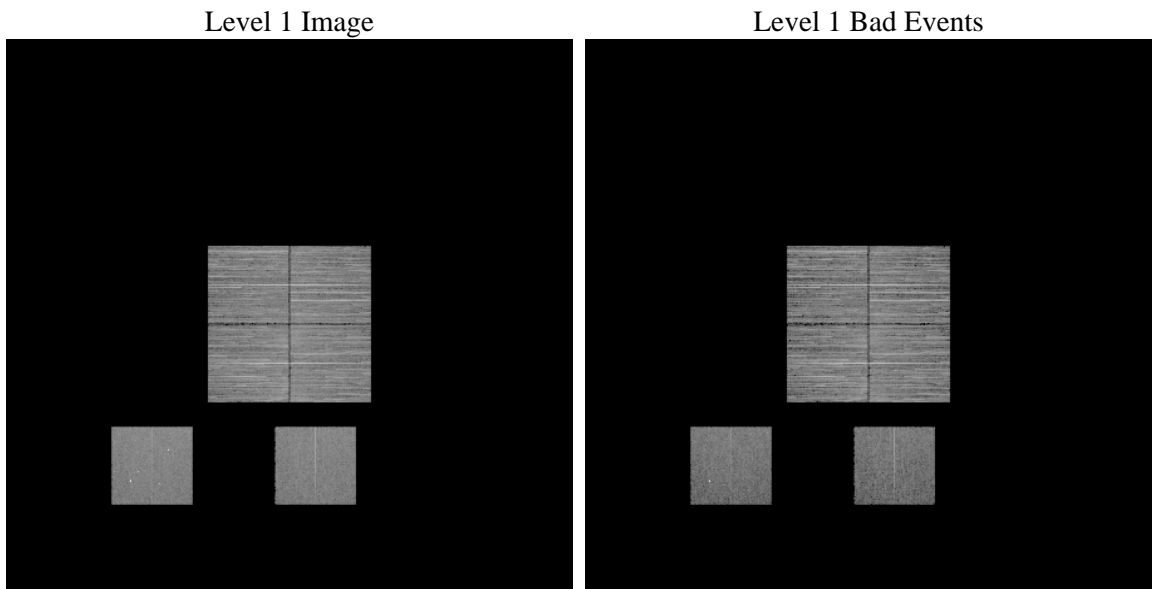
1 Front

seq_num	 	Sequence number
obs_id	51806	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	240.02823221063	Nominal RA [deg]
dec_nom	-39.018783741458	Nominal Dec [deg]
roll_nom	286.64532153807	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8451.2001259327	Sum of GTIs [s]
livetime	8344.1859412364	Livetime [s]
ontime0	8451.2001259327	Sum of GTIs [s]
ontime1	8451.2001259327	Sum of GTIs [s]
ontime2	8451.2001259327	Sum of GTIs [s]
ontime3	8451.2001259327	Sum of GTIs [s]
ontime5	8451.2001259327	Sum of GTIs [s]
ontime7	8451.2001259327	Sum of GTIs [s]
l2events	173109	Number of level 2 events

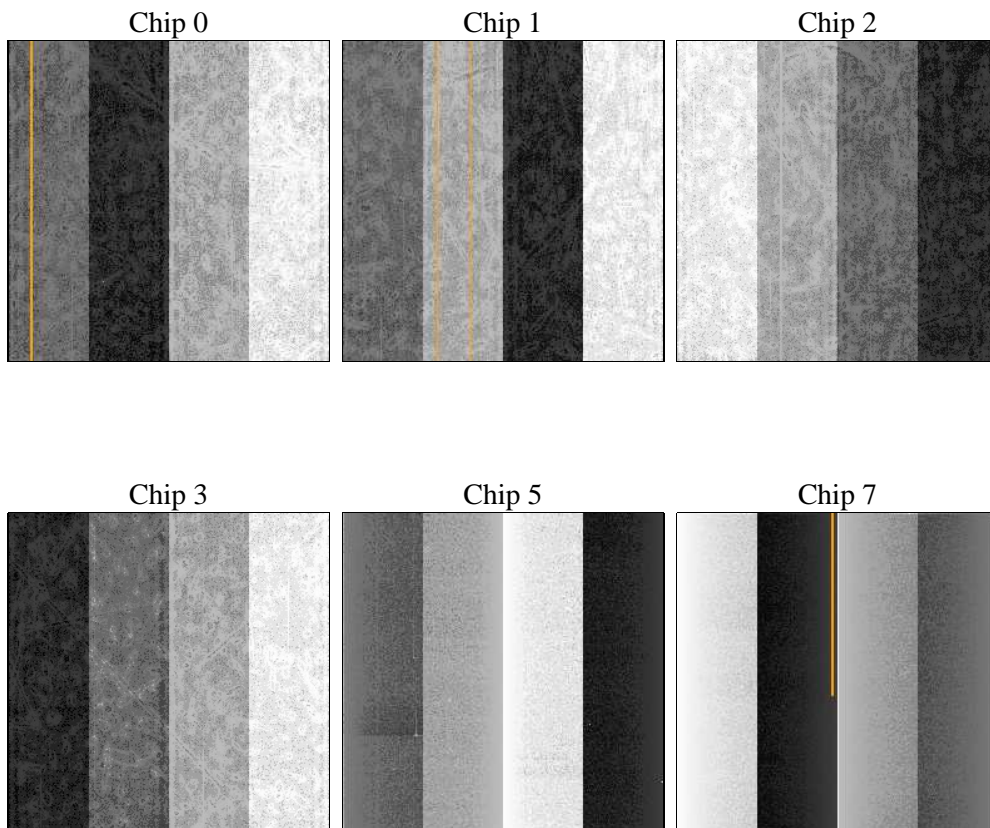
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.4	Processing system revision	ontime	8451.2001259327	Sum of GTIs [s]
caldsver	4.6.7	 	ontime0	8451.2001259327	Sum of GTIs [s]
date	2015-06-28T01:35:26	Date and time of file creation	ontime1	8451.2001259327	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8451.2001259327	Sum of GTIs [s]
			ontime3	8451.2001259327	Sum of GTIs [s]
			ontime5	8451.2001259327	Sum of GTIs [s]
			ontime7	8451.2001259327	Sum of GTIs [s]
			l1events	755062	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	125712	131014	136558	134517	118570	108691	grade 0 events	10497	10154	11073	10954	5865	5783
rejected events	103988	109110	114745	112869	67552	62510		8%	7%	8%	8%	4%	5%
rejected %	82%	83%	84%	83%	56%	57%	grade 1 events	71	43	69	68	155	63
								0%	0%	0%	0%	0%	0%
							grade 2 events	4629	4809	4246	4195	18199	11512
								3%	3%	3%	3%	15%	10%
							grade 3 events	1566	1510	1500	1555	1592	3535
								1%	1%	1%	1%	1%	3%
							grade 4 events	1517	1548	1572	1547	1587	3643
								1%	1%	1%	1%	1%	3%
							grade 5 events	2689	2630	2477	2900	5352	6892
								2%	2%	1%	2%	4%	6%
							grade 6 events	3515	3883	3422	3397	23775	21708
								2%	2%	2%	2%	20%	19%
							grade 7 events	101228	106437	112199	109901	62045	55555
								80%	81%	82%	81%	52%	51%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	240.0282322106265	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-39.01878374145832	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	286.6453215380672	[s] Primary exposure time	3.2	3.2
[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)	551802792.648649	551802791.62365			
Observation start date	2015-06-27T14:33:13	2015-06-27T14:33:11			
[s] Observation end time (MET)	551815250.499349	551815249.47435			
Observation end date	2015-06-27T18:00:50	2015-06-27T18:00:49			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4512001259327

A.2 Comments