

V&V Reference Report

L2 ASCDS Version : 10.2.2

Observation 52705 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 17 2014

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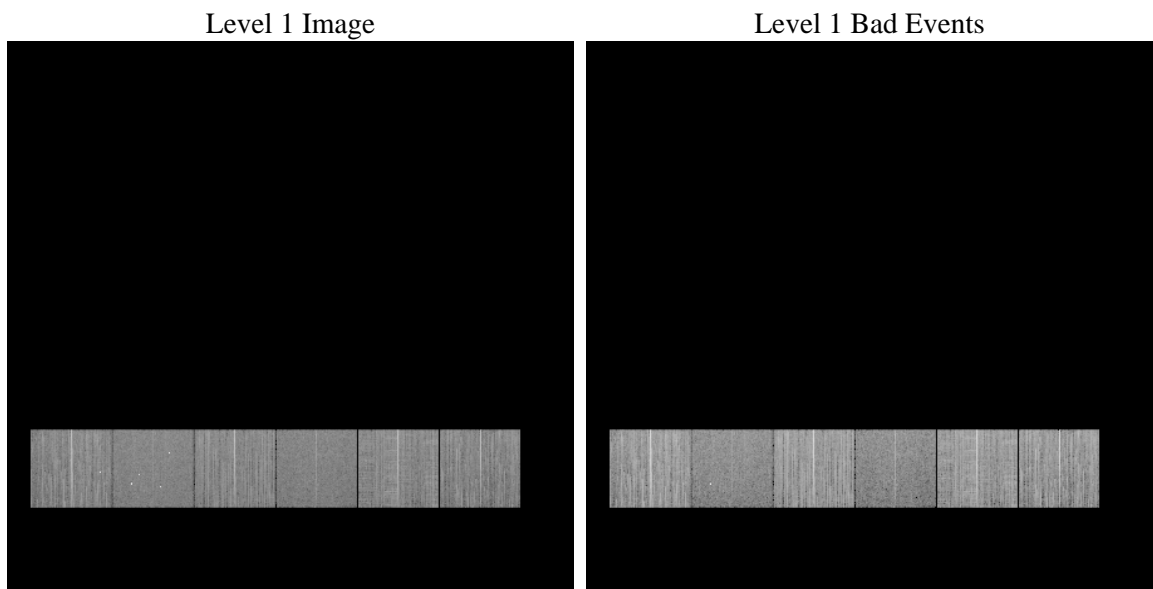
1 Front

seq_num	 	Sequence number
obs_id	52705	Observation id
title	ACIS-456789 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	261.72822015089	Nominal RA [deg]
dec_nom	2.0878964525956	Nominal Dec [deg]
roll_nom	186.53294647602	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8278.3999692202	Sum of GTIs [s]
livetime	8173.5738841559	Livetime [s]
ontime4	8278.3999692202	Sum of GTIs [s]
ontime5	8278.3999692202	Sum of GTIs [s]
ontime6	8278.3999692202	Sum of GTIs [s]
ontime7	8278.3999692202	Sum of GTIs [s]
ontime8	8278.3999692202	Sum of GTIs [s]
ontime9	8278.3999692202	Sum of GTIs [s]
l2events	202459	Number of level 2 events

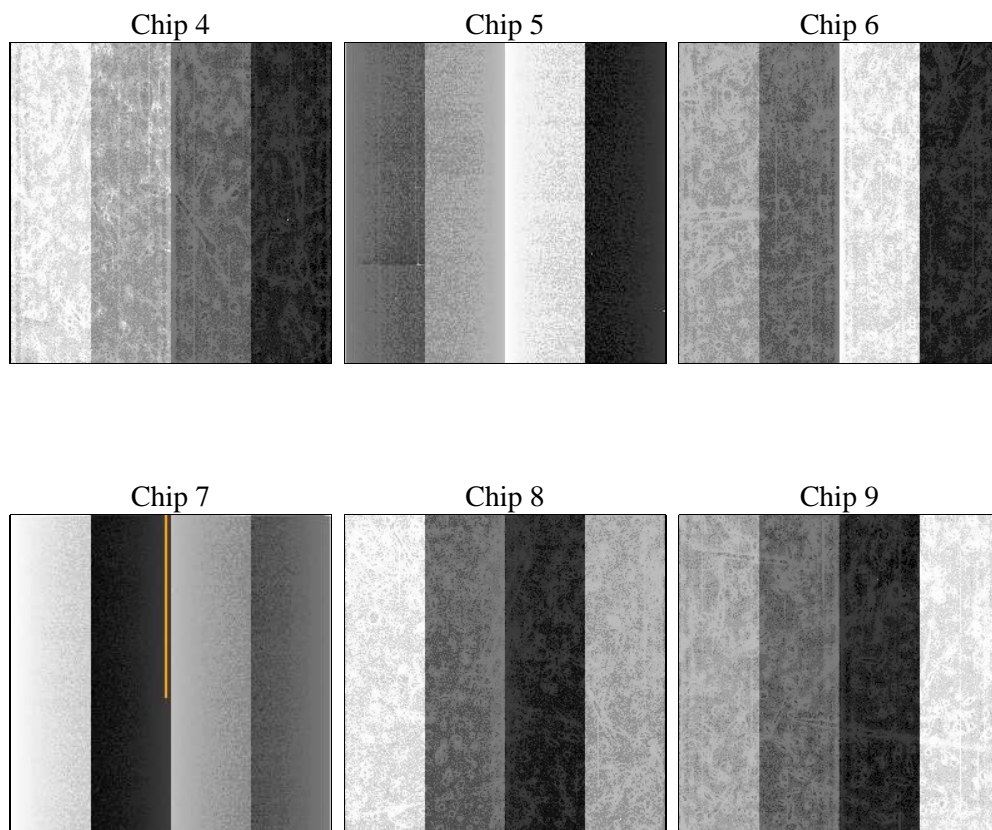
2 OBI

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	10.2.2	Processing system revision	ontime	8278.3999692202	Sum of GTIs [s]
caldsver	4.6.1	 	ontime4	8278.3999692202	Sum of GTIs [s]
date	2014-06-17T07:13:32	Date and time of file creation	ontime5	8278.3999692202	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8278.3999692202	Sum of GTIs [s]
			ontime7	8278.3999692202	Sum of GTIs [s]
			ontime8	8278.3999692202	Sum of GTIs [s]
			ontime9	8278.3999692202	Sum of GTIs [s]
			l1events	838909	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	148859	130581	149582	115045	156483	138359	grade 0 events	15732	8480	13373	7223	15484	13270
rejected events	120768	70685	122196	63714	120987	111460		10%	6%	8%	6%	9%	9%
rejected %	81%	54%	81%	55%	77%	80%	grade 1 events	108	112	59	68	71	77
								0%	0%	0%	0%	0%	0%
							grade 2 events	4998	21671	5550	12523	7556	5244
								3%	16%	3%	10%	4%	3%
							grade 3 events	1911	1904	1845	4322	2696	1912
								1%	1%	1%	3%	1%	1%
							grade 4 events	1884	1859	1840	4199	2639	1851
								1%	1%	1%	3%	1%	1%
							grade 5 events	3067	5886	3014	7309	3973	3411
								2%	4%	2%	6%	2%	2%
							grade 6 events	3576	26006	4793	23084	7134	4631
								2%	19%	3%	20%	4%	3%
							grade 7 events	117583	64663	119108	56317	116930	107963
								78%	49%	79%	48%	74%	78%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	261.7282201508944	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	2.087896452595613	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	186.5329464760236	[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)	519319306.737575	519319305.71257			
Observation start date	2014-06-16T15:21:47	2014-06-16T15:21:45			
[s] Observation end time (MET)	519328867.938103	519328866.9131			
Observation end date	2014-06-16T18:01:08	2014-06-16T18:01:06			
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)	2014.06.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2783999692202

A.2 Comments