

V&V Reference Report

L2 ASCDS Version : 10.2.2

Observation 52754 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 24 2014

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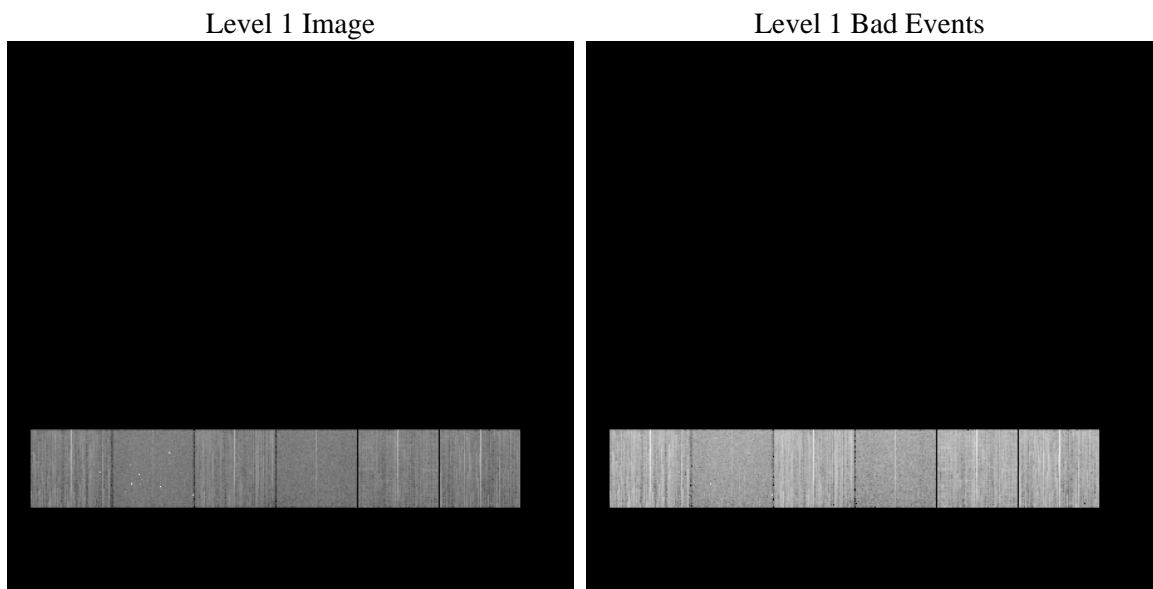
1 Front

seq_num	 	Sequence number
obs_id	52754	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	337.10013851197	Nominal RA [deg]
dec_nom	-47.224825321032	Nominal Dec [deg]
roll_nom	93.311129037367	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8124.7999697924	Sum of GTIs [s]
livetime	8021.9188604077	Livetime [s]
ontime4	8124.7999697924	Sum of GTIs [s]
ontime5	8124.7999697924	Sum of GTIs [s]
ontime6	8124.7999697924	Sum of GTIs [s]
ontime7	8124.7999697924	Sum of GTIs [s]
ontime8	8124.7999697924	Sum of GTIs [s]
ontime9	8124.7999697924	Sum of GTIs [s]
l2events	197331	Number of level 2 events

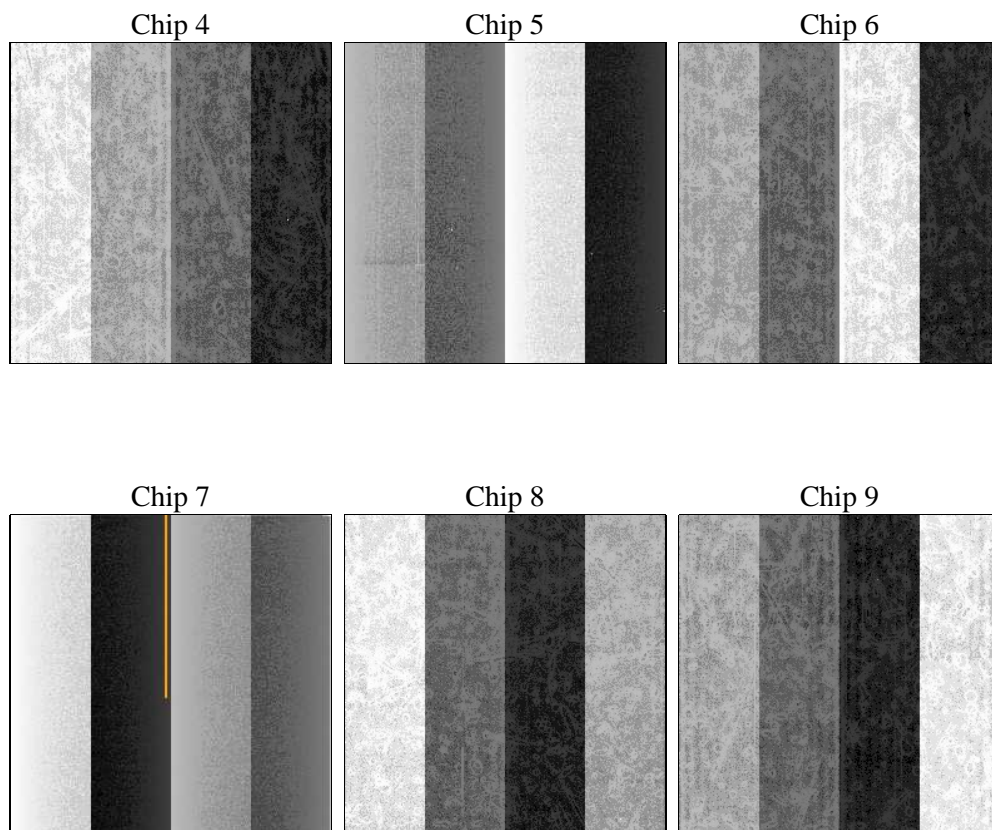
2 OBI

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	10.2.2	Processing system revision	ontime	8124.7999697924	Sum of GTIs [s]
caldsver	4.6.1	 	ontime4	8124.7999697924	Sum of GTIs [s]
date	2014-05-24T10:35:02	Date and time of file creation	ontime5	8124.7999697924	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8124.7999697924	Sum of GTIs [s]
			ontime7	8124.7999697924	Sum of GTIs [s]
			ontime8	8124.7999697924	Sum of GTIs [s]
			ontime9	8124.7999697924	Sum of GTIs [s]
			l1events	835284	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	144649	133161	147806	115144	148487	146037	grade 0 events	16443	12780	12922	6826	15675	13312
rejected events	116101	69341	120818	65405	113826	119512		11%	9%	8%	5%	10%	9%
rejected %	80%	52%	81%	56%	76%	81%	grade 1 events	114	367	56	76	74	60
								0%	0%	0%	0%	0%	0%
							grade 2 events	5202	22025	6204	12596	7480	5491
								3%	16%	4%	10%	5%	3%
							grade 3 events	1930	2259	1738	3875	2637	1840
								1%	1%	1%	3%	1%	1%
							grade 4 events	1835	1796	1716	3998	2551	1849
								1%	1%	1%	3%	1%	1%
							grade 5 events	3048	5807	2825	6738	3885	3190
								2%	4%	1%	5%	2%	2%
							grade 6 events	3754	26272	4963	23436	7018	4574
								2%	19%	3%	20%	4%	3%
							grade 7 events	112323	61855	117382	57599	109167	115721
								77%	46%	79%	50%	73%	79%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	337.1001385119707
[deg] Pointing Dec	0	-47.22482532103164
[deg] Pointing Roll	0.0	93.31112903736715
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	517262912.673956	517262912.673956
Observation start date	2014-05-23T20:08:33	2014-05-23T20:08:32
[s] Observation end time (MET)	517272461.551294	517272461.551294
Observation end date	2014-05-23T22:47:42	2014-05-23T22:47:41
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.05.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1247999697924

A.2 Comments