

V&V Reference Report

L2 ASCDS Version : 10.1.1

Observation 53205 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 26 2013

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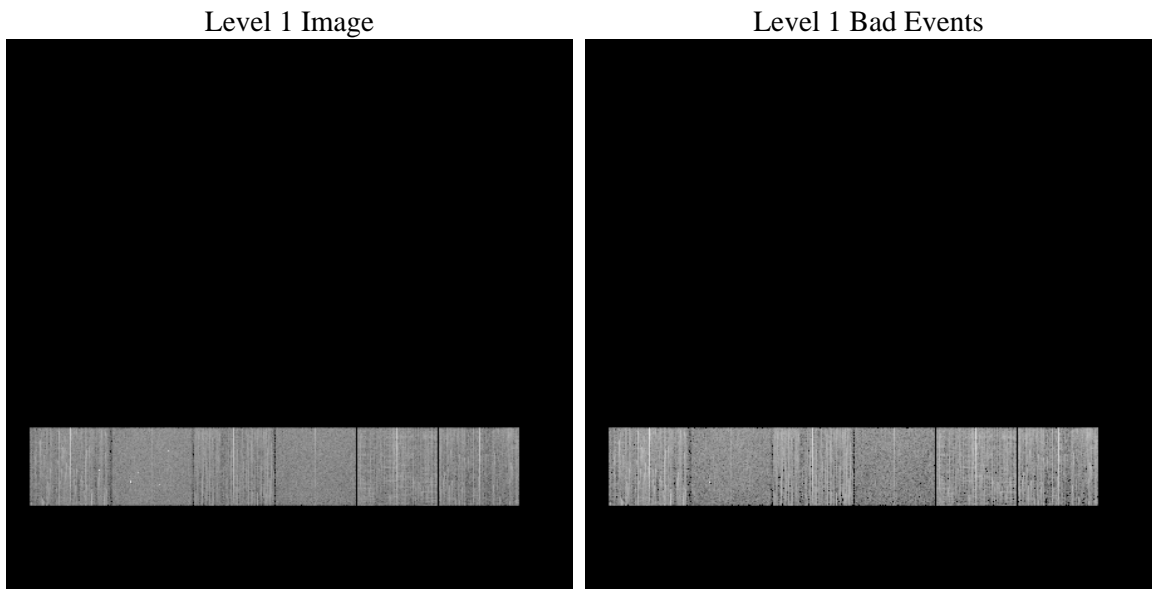
1 Front

seq_num	 	Sequence number
obs_id	53205	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	188.99209939449	Nominal RA [deg]
dec_nom	-11.972438757625	Nominal Dec [deg]
roll_nom	72.905395273025	Nominal Roll [deg]
revision	1	Processing version of data
ontime	4643.1999827623	Sum of GTIs [s]
livetime	4584.4049887812	Livetime [s]
ontime4	4643.1999827623	Sum of GTIs [s]
ontime5	4643.1999827623	Sum of GTIs [s]
ontime6	4643.1999827623	Sum of GTIs [s]
ontime7	4643.1999827623	Sum of GTIs [s]
ontime8	4643.1999827623	Sum of GTIs [s]
ontime9	4643.1999827623	Sum of GTIs [s]
l2events	123310	Number of level 2 events

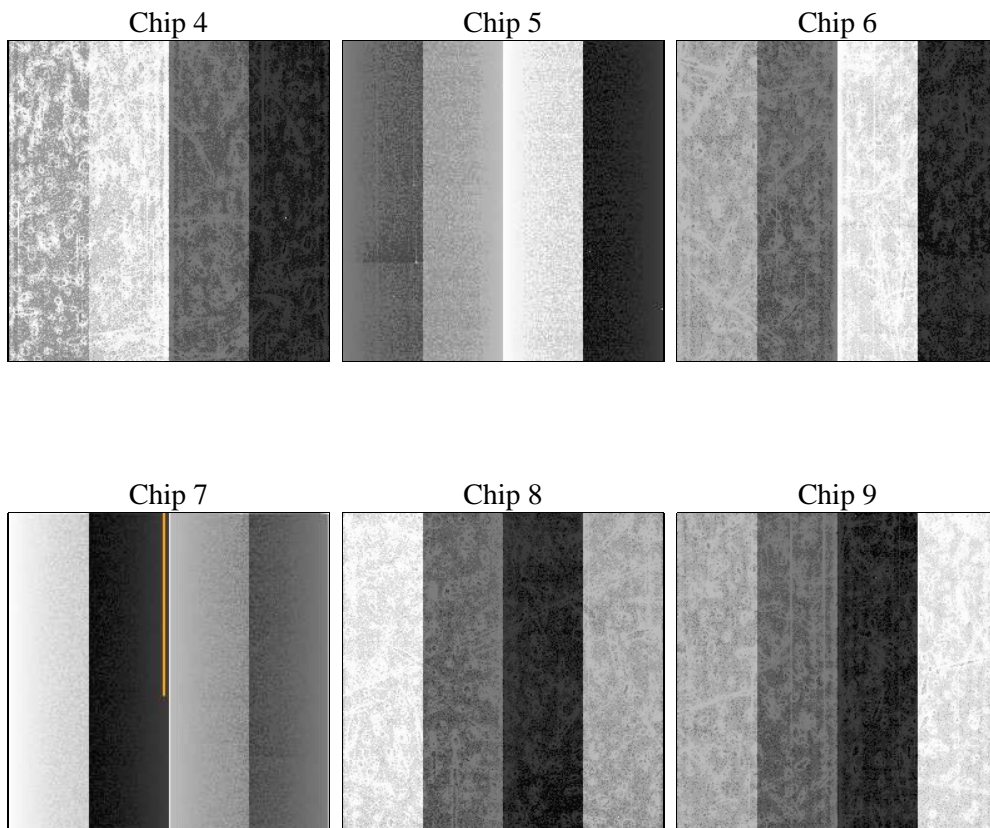
2 OBI

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	10.1.1	Processing system revision	ontime	4643.1999827623	Sum of GTIs [s]
caldbver	4.5.9	 	ontime4	4643.1999827623	Sum of GTIs [s]
date	2013-11-26T03:59:19	Date and time of file creation	ontime5	4643.1999827623	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	4643.1999827623	Sum of GTIs [s]
			ontime7	4643.1999827623	Sum of GTIs [s]
			ontime8	4643.1999827623	Sum of GTIs [s]
			ontime9	4643.1999827623	Sum of GTIs [s]
			l1events	465546	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	83532	73392	81793	66984	84487	75358	grade 0 events	9634	3843	8379	4390	9822	8217
rejected events	66138	39948	64582	36132	62173	58955		11%	5%	10%	6%	11%	10%
rejected %	79%	54%	78%	53%	73%	78%	grade 1 events	60	72	38	52	49	49
								0%	0%	0%	0%	0%	0%
							grade 2 events	3154	12291	3548	7470	4653	3214
								3%	16%	4%	11%	5%	4%
							grade 3 events	1147	1201	1137	2581	1746	1136
								1%	1%	1%	3%	2%	1%
							grade 4 events	1108	1150	1109	2547	1675	1159
								1%	1%	1%	3%	1%	1%
							grade 5 events	1700	3591	1675	4155	2239	1799
								2%	4%	2%	6%	2%	2%
							grade 6 events	2351	14959	3038	13864	4418	2677
								2%	20%	3%	20%	5%	3%
							grade 7 events	64378	36285	62869	31925	59885	57107
								77%	49%	76%	47%	70%	75%

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	188.9920993944943	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-11.97243875762505	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	72.90539527302452	[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)	501758292.370433	501758291.34543			
Observation start date	2013-11-25T09:18:12	2013-11-25T09:18:11			
[s] Observation end time (MET)	501764561.270776	501764560.24578			
Observation end date	2013-11-25T11:02:41	2013-11-25T11:02:40			
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)	2013.11.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.6431999827623

A.2 Comments