

V&V Reference Report

L2 ASCDS Version : 10.2.2

Observation 52713 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 11 2014

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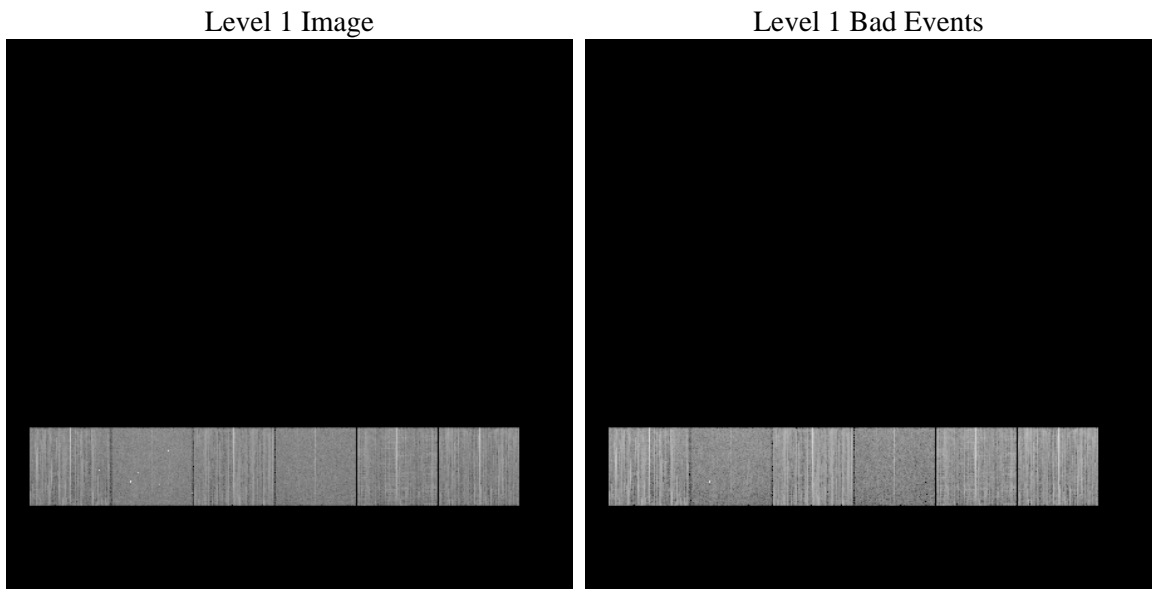
1 Front

seq_num	 	Sequence number
obs_id	52713	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	139.11330365351	Nominal RA [deg]
dec_nom	27.974722725931	Nominal Dec [deg]
roll_nom	261.00102350372	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6876.6783595681	Sum of GTIs [s]
livetime	6789.6017175407	Livetime [s]
ontime4	6876.5552395582	Sum of GTIs [s]
ontime5	6876.6373195648	Sum of GTIs [s]
ontime6	6876.5962795615	Sum of GTIs [s]
ontime7	6876.6783595681	Sum of GTIs [s]
ontime8	6876.5141995549	Sum of GTIs [s]
ontime9	6876.7193995714	Sum of GTIs [s]
l2events	170677	Number of level 2 events

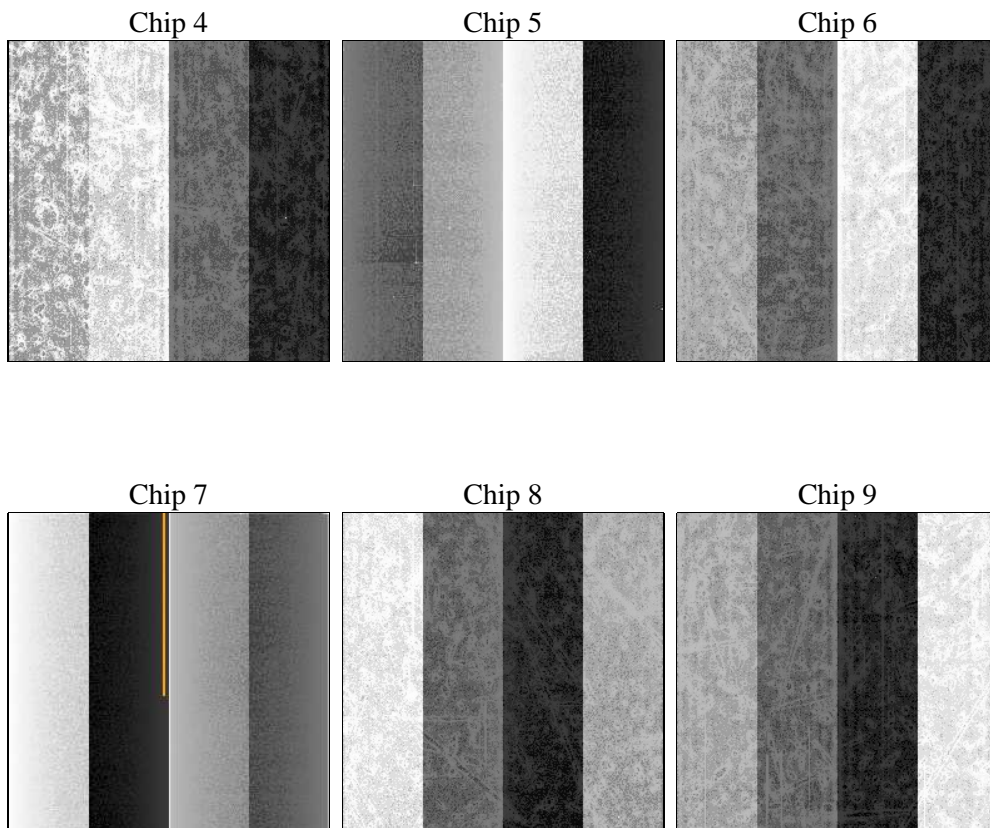
2 OBI

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	6876.6783595681	Sum of GTIs [s]
caldsver	4.6.1	 	ontime4	6876.5552395582	Sum of GTIs [s]
date	2014-06-12T02:30:21	Date and time of file creation	ontime5	6876.6373195648	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	6876.5962795615	Sum of GTIs [s]
			ontime7	6876.6783595681	Sum of GTIs [s]
			ontime8	6876.5141995549	Sum of GTIs [s]
			ontime9	6876.7193995714	Sum of GTIs [s]
			l1events	716513	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	127175	109194	130831	98465	123514	127334	grade 0 events	12846	6714	10907	5915	13131	11145
rejected events	103775	59887	108208	54729	93440	104673		10%	6%	8%	6%	10%	8%
rejected %	81%	54%	82%	55%	75%	82%	grade 1 events	85	133	63	75	75	72
								0%	0%	0%	0%	0%	0%
							grade 2 events	4275	17608	4707	10613	6212	4440
								3%	16%	3%	10%	5%	3%
							grade 3 events	1699	1678	1550	3592	2486	1582
								1%	1%	1%	3%	2%	1%
							grade 4 events	1548	1661	1452	3615	2349	1588
								1%	1%	1%	3%	1%	1%
							grade 5 events	2589	4984	2490	6170	3406	2779
								2%	4%	1%	6%	2%	2%
							grade 6 events	3032	21646	4007	20001	5896	3906
								2%	19%	3%	20%	4%	3%
							grade 7 events	101101	54770	105655	48484	89959	101822
								79%	50%	80%	49%	72%	79%

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	139.1133036535095	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	27.97472272593093	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	261.0010235037184	[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)	518894239.21408	518894238.18908			
Observation start date	2014-06-11T17:17:19	2014-06-11T17:17:18			
[s] Observation end time (MET)	518905963.164728	518905962.13973			
Observation end date	2014-06-11T20:32:43	2014-06-11T20:32:42			
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)	2014.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.8766783595681

A.2 Comments