

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52368 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 20 2014

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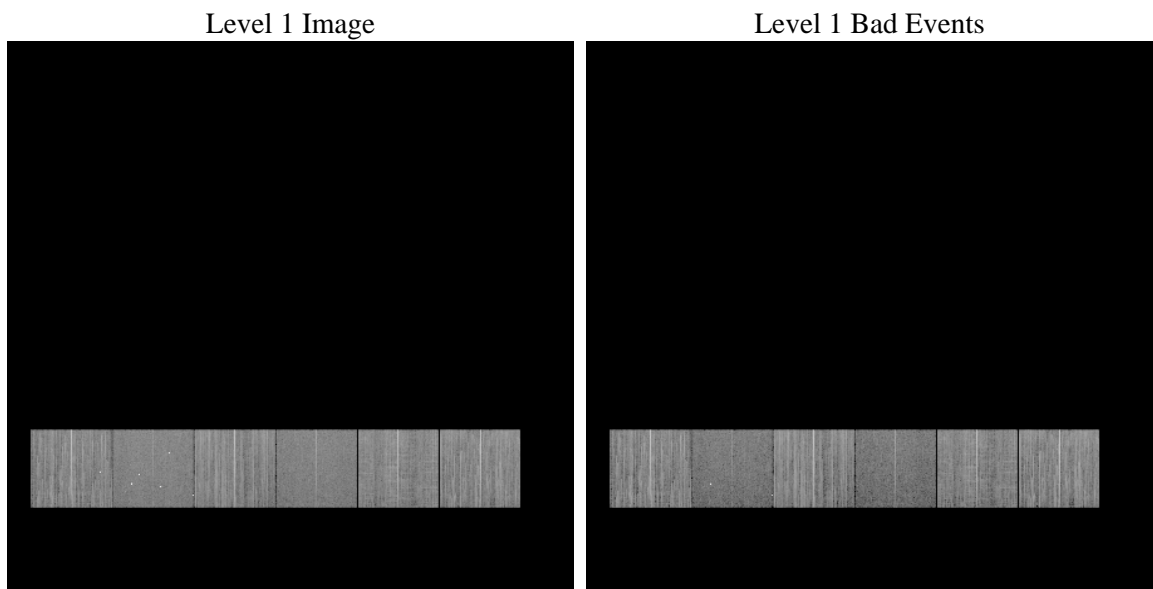
1 Front

seq_num	 	Sequence number
obs_id	52368	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	2.622934727338	Nominal RA [deg]
dec_nom	28.694901641475	Nominal Dec [deg]
roll_nom	230.85741617482	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8457.5999685526	Sum of GTIs [s]
livetime	8350.5047451955	Livetime [s]
ontime4	8457.5999685526	Sum of GTIs [s]
ontime5	8457.5999685526	Sum of GTIs [s]
ontime6	8457.5999685526	Sum of GTIs [s]
ontime7	8457.5999685526	Sum of GTIs [s]
ontime8	8457.5999685526	Sum of GTIs [s]
ontime9	8457.5999685526	Sum of GTIs [s]
l2events	206394	Number of level 2 events

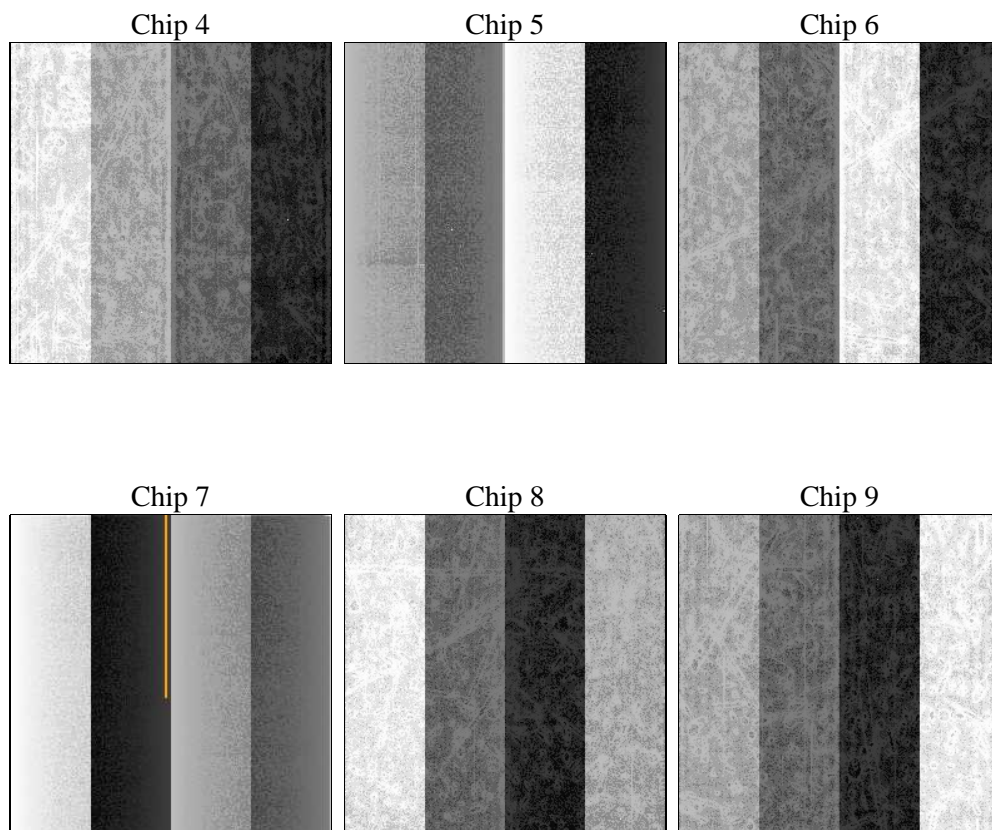
2 OBI

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	10.2.4	Processing system revision	ontime	8457.5999685526	Sum of GTIs [s]
caldsver	4.6.3	 	ontime4	8457.5999685526	Sum of GTIs [s]
date	2014-10-20T05:26:28	Date and time of file creation	ontime5	8457.5999685526	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8457.5999685526	Sum of GTIs [s]
			ontime7	8457.5999685526	Sum of GTIs [s]
			ontime8	8457.5999685526	Sum of GTIs [s]
			ontime9	8457.5999685526	Sum of GTIs [s]
			l1events	972691	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	170752	151559	172122	129052	168020	181186	grade 0 events	15576	12190	12667	6669	15205	12698
rejected events	142808	84516	145291	74558	131944	154899		9%	8%	7%	5%	9%	7%
rejected %	83%	55%	84%	57%	78%	85%	grade 1 events	140	618	71	91	83	83
								0%	0%	0%	0%	0%	0%
							grade 2 events	5078	21675	5816	13385	7968	5335
								2%	14%	3%	10%	4%	2%
							grade 3 events	1824	2019	1818	4287	2792	1896
								1%	1%	1%	3%	1%	1%
							grade 4 events	1765	1949	1712	4250	2720	1789
								1%	1%	0%	3%	1%	0%
							grade 5 events	3459	7412	3261	8006	4435	3890
								2%	4%	1%	6%	2%	2%
							grade 6 events	3701	29210	4818	25903	7391	4569
								2%	19%	2%	20%	4%	2%
							grade 7 events	139209	76486	141959	66461	127426	150926
								81%	50%	82%	51%	75%	83%

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	2.622934727338035	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	28.69490164147477	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	230.857416174823	[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)	530093994.585128	530093993.56013			
Observation start date	2014-10-19T08:19:55	2014-10-19T08:19:53			
[s] Observation end time (MET)	530105222.435752	530105221.41075			
Observation end date	2014-10-19T11:27:02	2014-10-19T11:27:01			
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)	2014.10.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4575999685526

A.2 Comments