

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52615 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 21 2014

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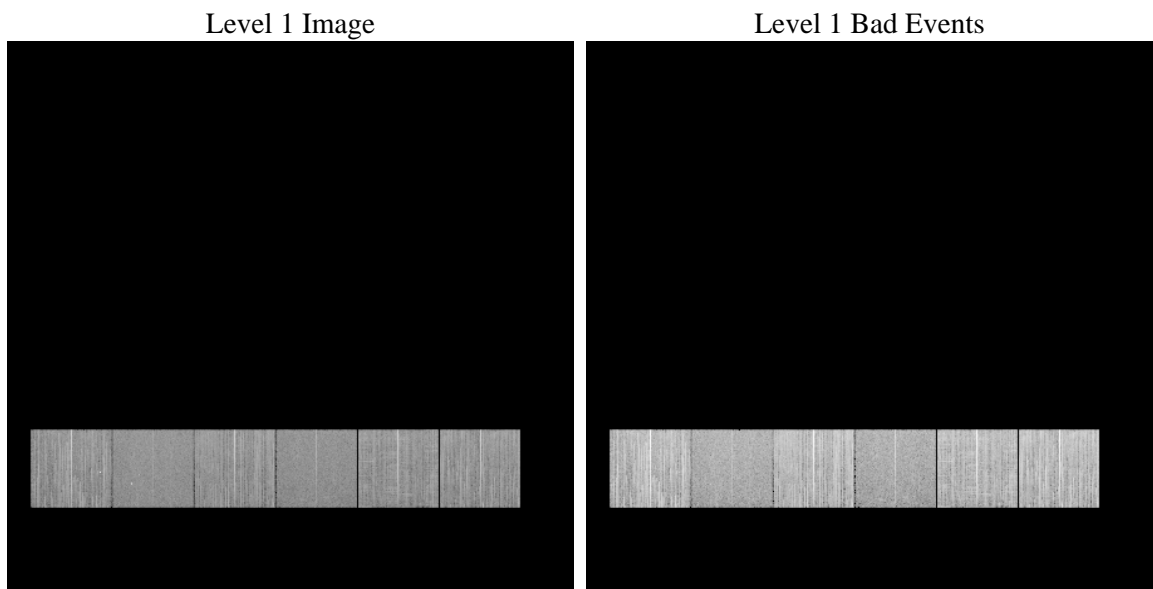
1 Front

seq_num	 	Sequence number
obs_id	52615	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	300.93636059278	Nominal RA [deg]
dec_nom	-48.583946000714	Nominal Dec [deg]
roll_nom	1.0157763069908	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8377.5999688506	Sum of GTIs [s]
livetime	8271.5177536599	Livetime [s]
ontime4	8377.5999688506	Sum of GTIs [s]
ontime5	8377.5999688506	Sum of GTIs [s]
ontime6	8377.5999688506	Sum of GTIs [s]
ontime7	8377.5999688506	Sum of GTIs [s]
ontime8	8377.5999688506	Sum of GTIs [s]
ontime9	8377.5999688506	Sum of GTIs [s]
l2events	198841	Number of level 2 events

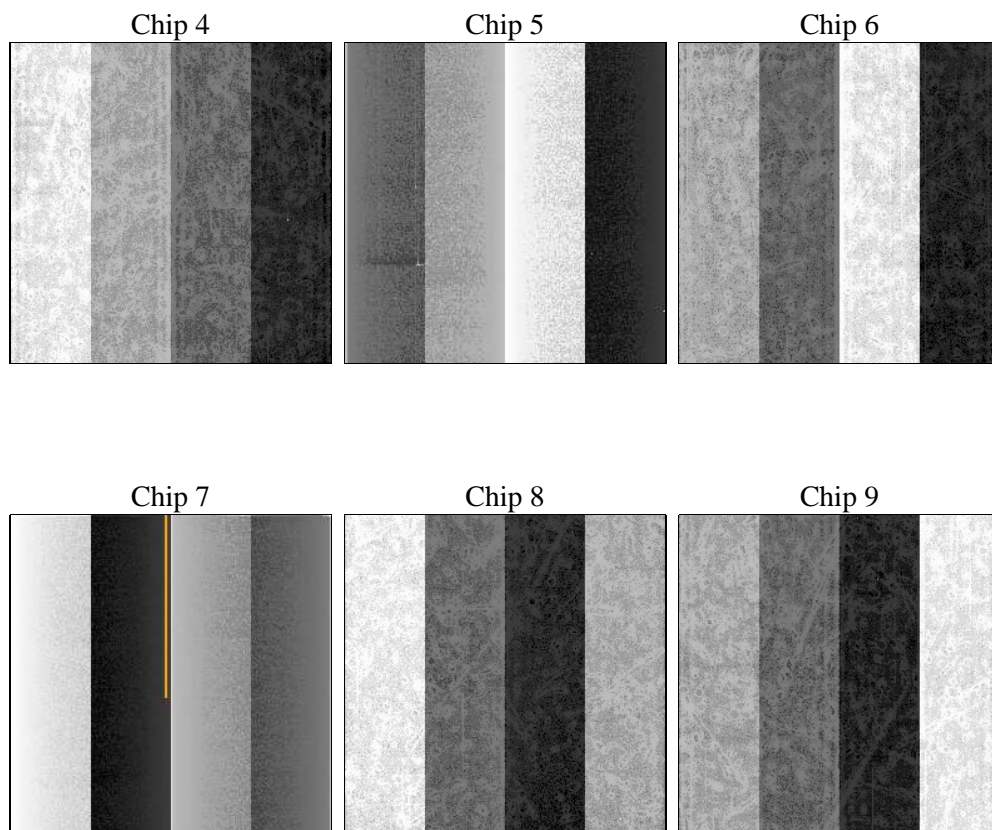
2 OBI

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	8377.5999688506	Sum of GTIs [s]
caldsver	4.6.2	 	ontime4	8377.5999688506	Sum of GTIs [s]
date	2014-07-21T18:35:20	Date and time of file creation	ontime5	8377.5999688506	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8377.5999688506	Sum of GTIs [s]
			ontime7	8377.5999688506	Sum of GTIs [s]
			ontime8	8377.5999688506	Sum of GTIs [s]
			ontime9	8377.5999688506	Sum of GTIs [s]
			l1events	837748	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	147310	124968	147591	117476	146917	153486	grade 0 events	14915	4496	12955	6706	15103	13074
rejected events	120252	71249	120691	66861	111981	127103		10%	3%	8%	5%	10%	8%
rejected %	81%	57%	81%	56%	76%	82%	grade 1 events	116	140	57	91	75	71
								0%	0%	0%	0%	0%	0%
							grade 2 events	5065	20307	5917	12572	7624	5445
								3%	16%	4%	10%	5%	3%
							grade 3 events	1920	1822	1783	4048	2694	1783
								1%	1%	1%	3%	1%	1%
							grade 4 events	1771	1665	1747	4106	2713	1773
								1%	1%	1%	3%	1%	1%
							grade 5 events	3093	5524	2988	7355	4103	3426
								2%	4%	2%	6%	2%	2%
							grade 6 events	3636	26003	4771	23671	7144	4558
								2%	20%	3%	20%	4%	2%
							grade 7 events	116794	65011	117373	58927	107461	123356
								79%	52%	79%	50%	73%	80%

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	300.9363605927834	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-48.58394600071401	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	1.015776306990758	[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)	522323690.553961	522323689.52896			
Observation start date	2014-07-21T09:54:51	2014-07-21T09:54:49			
[s] Observation end time (MET)	522333870.854526	522333869.82953			
Observation end date	2014-07-21T12:44:31	2014-07-21T12:44:29			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.07.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3775999688506

A.2 Comments