

V&V Reference Report

L2 ASCDS Version : 10.3

Observation 52290 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 25 2014

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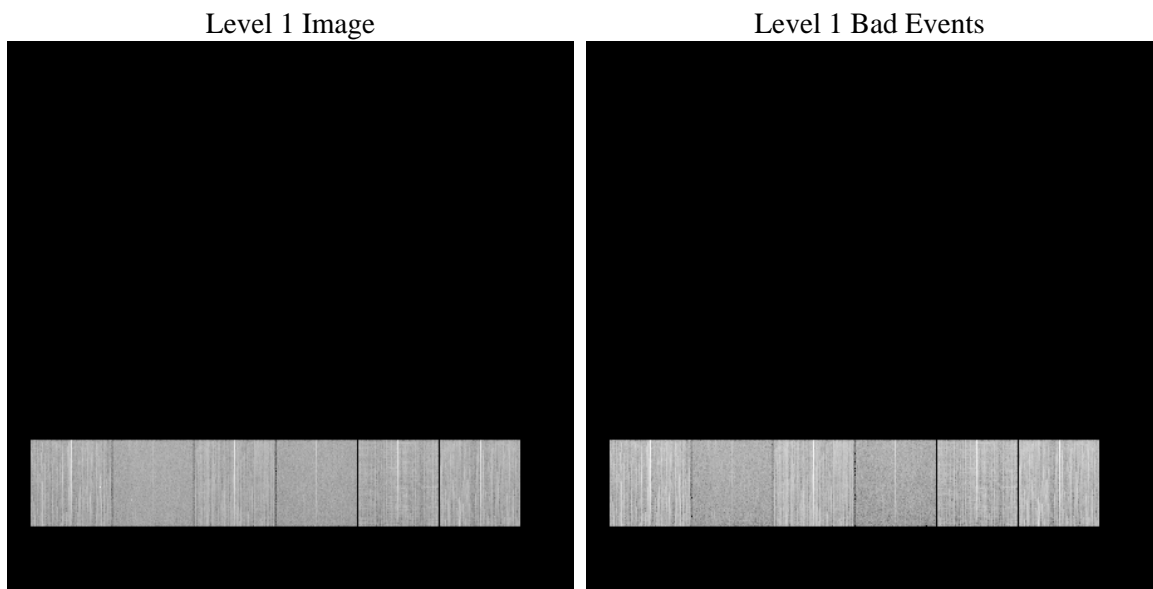
1 Front

seq_num	 	Sequence number
obs_id	52290	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	56.991330191818	Nominal RA [deg]
dec_nom	44.778518833291	Nominal Dec [deg]
roll_nom	188.67023779811	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8459.0523311496	Sum of GTIs [s]
livetime	8351.9387171028	Livetime [s]
ontime4	8459.5910360217	Sum of GTIs [s]
ontime5	8459.0523311496	Sum of GTIs [s]
ontime6	8459.632076025	Sum of GTIs [s]
ontime7	8459.0523311496	Sum of GTIs [s]
ontime8	8459.5499960184	Sum of GTIs [s]
ontime9	8459.0523312092	Sum of GTIs [s]
l2events	202294	Number of level 2 events

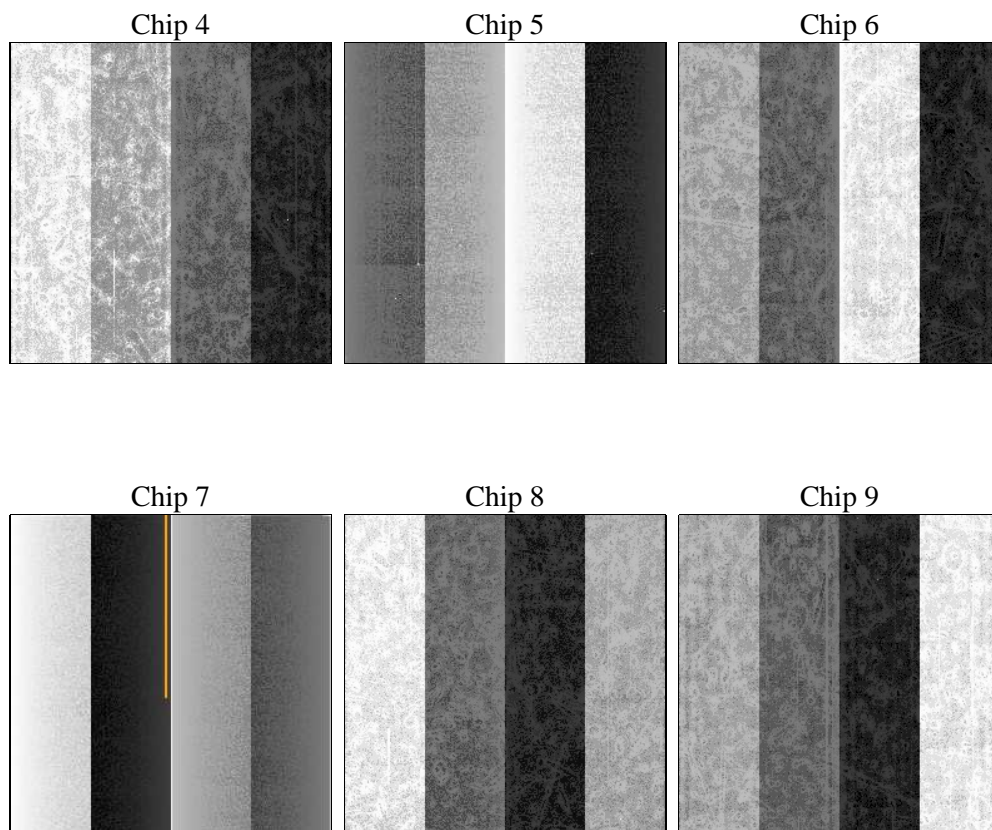
2 OBI

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	10.3	Processing system revision	ontime	8459.0523311496	Sum of GTIs [s]
caldsver	4.6.4	 	ontime4	8459.5910360217	Sum of GTIs [s]
date	2014-11-26T01:44:20	Date and time of file creation	ontime5	8459.0523311496	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8459.632076025	Sum of GTIs [s]
			ontime7	8459.0523311496	Sum of GTIs [s]
			ontime8	8459.5499960184	Sum of GTIs [s]
			ontime9	8459.0523312092	Sum of GTIs [s]
			l1events	922081	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	166765	134858	168537	125622	154186	172113	grade 0 events	13703	3975	11985	6468	14766	12321
rejected events	140828	78081	142424	72695	118647	146440		8%	2%	7%	5%	9%	7%
rejected %	84%	57%	84%	57%	76%	85%	grade 1 events	110	129	63	107	89	72
								0%	0%	0%	0%	0%	0%
							grade 2 events	5057	20934	5976	13143	7890	5390
								3%	15%	3%	10%	5%	3%
							grade 3 events	1838	1745	1695	3930	2825	1789
								1%	1%	1%	3%	1%	1%
							grade 4 events	1762	1727	1683	3976	2560	1751
								1%	1%	0%	3%	1%	1%
							grade 5 events	3322	5929	3145	7698	4226	3718
								1%	4%	1%	6%	2%	2%
							grade 6 events	3592	28396	4782	25410	7510	4422
								2%	21%	2%	20%	4%	2%
							grade 7 events	137381	72023	139208	64890	114320	142650
								82%	53%	82%	51%	74%	82%

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	56.9913301918177	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	44.77851883329086	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	188.6702377981102	[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	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	533294100.113145	533294099.08814			
Observation start date	2014-11-25T09:15:00	2014-11-25T09:14:59			
[s] Observation end time (MET)	533305227.513764	533305226.48876			
Observation end date	2014-11-25T12:20:28	2014-11-25T12:20:26			
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)	2014.11.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4590523311496

A.2 Comments