

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54214 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 27 2012

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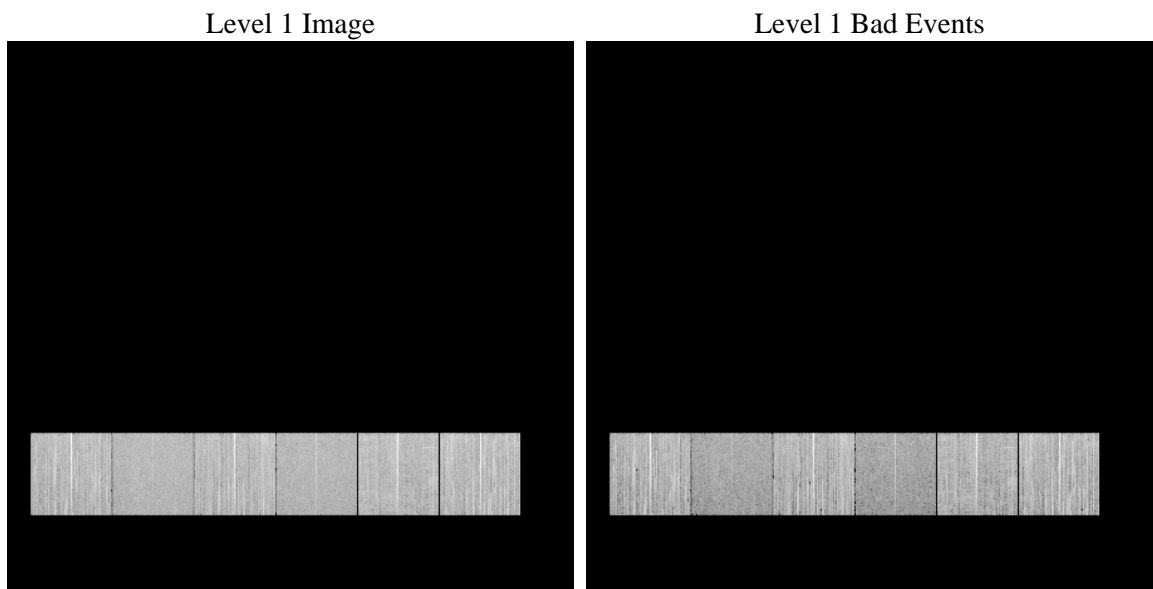
1 Front

seq_num	 	Sequence number
obs_id	54214	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	155.95544143327	Nominal RA [deg]
dec_nom	-0.96577109905352	Nominal Dec [deg]
roll_nom	75.243840842168	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6419.1999761462	Sum of GTIs [s]
livetime	6337.9162008701	Livetime [s]
ontime4	6419.1999761462	Sum of GTIs [s]
ontime5	6419.1999761462	Sum of GTIs [s]
ontime6	6419.1999761462	Sum of GTIs [s]
ontime7	6419.1999761462	Sum of GTIs [s]
ontime8	6419.1999761462	Sum of GTIs [s]
ontime9	6419.1999761462	Sum of GTIs [s]
l2events	203820	Number of level 2 events

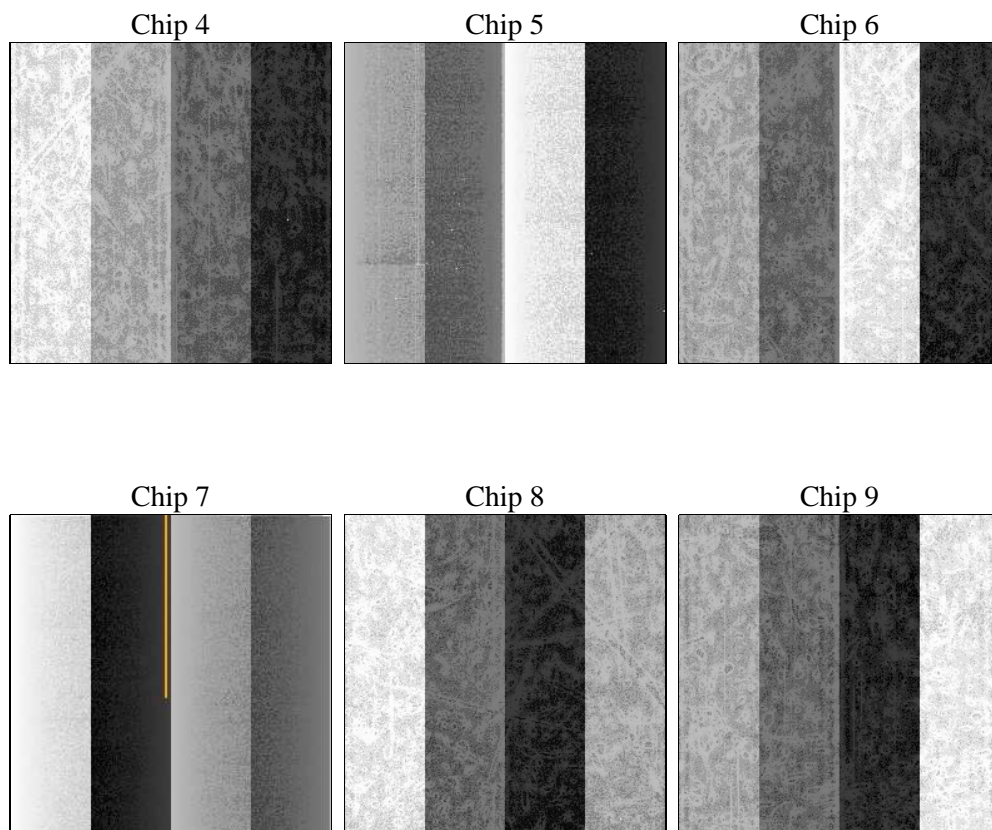
2 OBI

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	8.4.5	Processing system revision	ontime	6419.1999761462	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	6419.1999761462	Sum of GTIs [s]
date	2012-10-27T16:41:06	Date and time of file creation	ontime5	6419.1999761462	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	6419.1999761462	Sum of GTIs [s]
			ontime7	6419.1999761462	Sum of GTIs [s]
			ontime8	6419.1999761462	Sum of GTIs [s]
			ontime9	6419.1999761462	Sum of GTIs [s]
			l1events	759386	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	132134	108956	137060	104481	134065	142690	grade 0 events	15185	4226	14035	7227	16631	14573
rejected events	104130	59066	107580	55250	97922	113780		11%	3%	10%	6%	12%	10%
rejected %	78%	54%	78%	52%	73%	79%	grade 1 events	127	109	55	60	98	77
								0%	0%	0%	0%	0%	0%
							grade 2 events	5277	19103	6701	12157	7398	5769
								3%	17%	4%	11%	5%	4%
							grade 3 events	1967	1556	1766	3920	2654	1898
								1%	1%	1%	3%	1%	1%
							grade 4 events	1906	1481	1791	3818	2692	1946
								1%	1%	1%	3%	2%	1%
							grade 5 events	2564	4588	2341	5940	3222	2694
								1%	4%	1%	5%	2%	1%
							grade 6 events	3669	23524	5187	22109	6768	4724
								2%	21%	3%	21%	5%	3%
							grade 7 events	101439	54369	105184	49250	94602	111009
								76%	49%	76%	47%	70%	77%

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	155.9554414332673	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-0.9657710990535175	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	75.2438408421685	[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)	467707423.573278	467707422.54828			
Observation start date	2012-10-27T06:43:44	2012-10-27T06:43:42			
[s] Observation end time (MET)	467714535.02366	467714533.99866			
Observation end date	2012-10-27T08:42:15	2012-10-27T08:42:13			
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)	2012.10.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.4191999761462

A.2 Comments