

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 57030 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 8 2012

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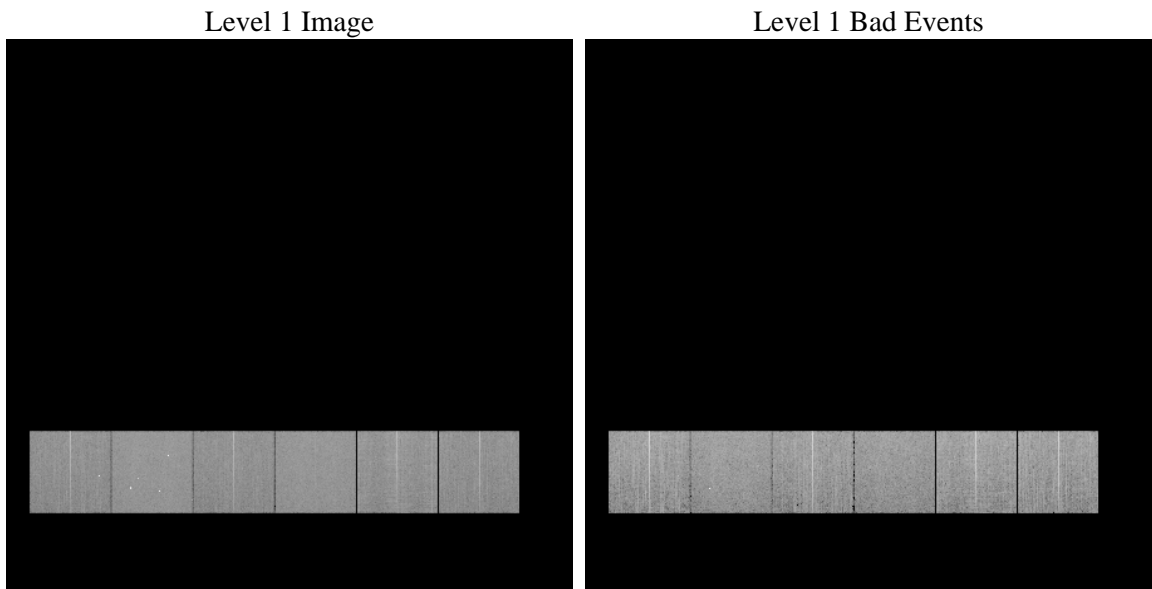
1 Front

seq_num	 	Sequence number
obs_id	57030	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	247.49481694678	Nominal RA [deg]
dec_nom	-7.2282696989875	Nominal Dec [deg]
roll_nom	226.86047948294	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8233.8779960275	Sum of GTIs [s]
livetime	8129.6156749957	Livetime [s]
ontime4	8236.7999693751	Sum of GTIs [s]
ontime5	8233.9190459251	Sum of GTIs [s]
ontime6	8236.7999693751	Sum of GTIs [s]
ontime7	8233.8779960275	Sum of GTIs [s]
ontime8	8236.7999693751	Sum of GTIs [s]
ontime9	8233.8369560242	Sum of GTIs [s]
l2events	517640	Number of level 2 events

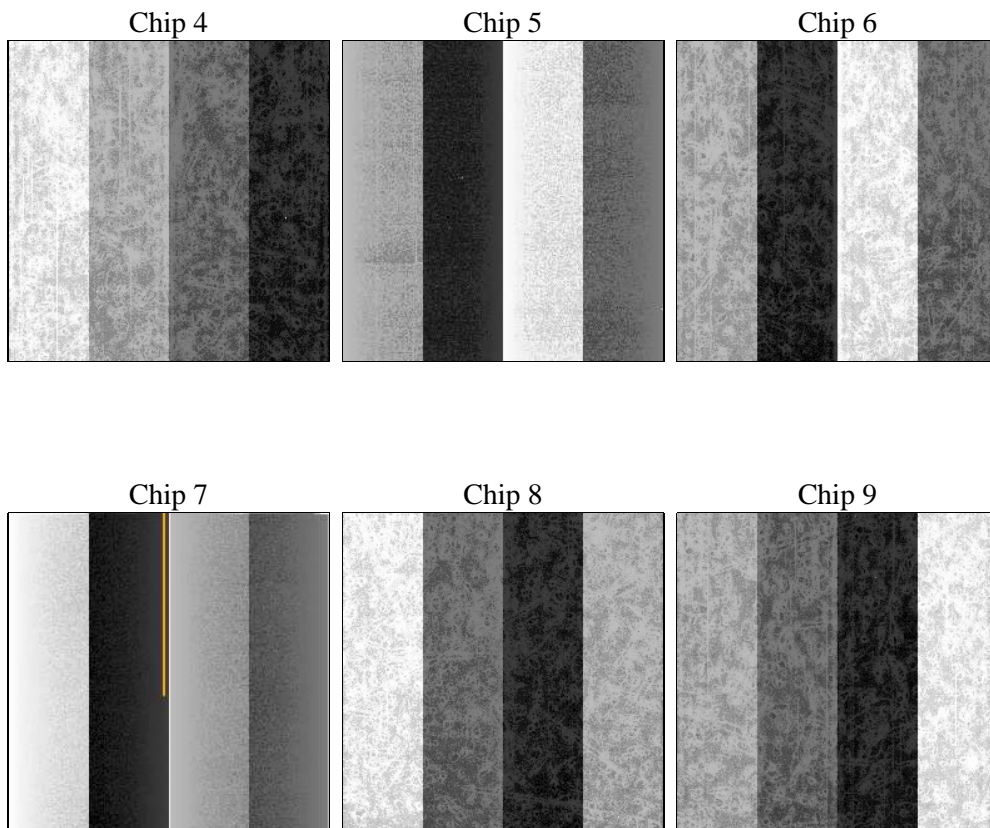
2 OBI

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	8233.8779960275	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	8236.7999693751	Sum of GTIs [s]
date	2012-06-08T23:35:24	Date and time of file creation	ontime5	8233.9190459251	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8236.7999693751	Sum of GTIs [s]
			ontime7	8233.8779960275	Sum of GTIs [s]
			ontime8	8236.7999693751	Sum of GTIs [s]
			ontime9	8233.8369560242	Sum of GTIs [s]
			l1events	1055612	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	162025	198048	161495	188307	183699	162038	grade 0 events	44266	20398	41825	21427	46444	41209
rejected events	84487	76707	81406	71696	88305	84472		27%	10%	25%	11%	25%	25%
rejected %	52%	38%	50%	38%	48%	52%	grade 1 events	481	262	316	162	367	318
								0%	0%	0%	0%	0%	0%
							grade 2 events	12464	42011	14382	25353	18011	13593
								7%	21%	8%	13%	9%	8%
							grade 3 events	5387	5415	5181	10813	7212	5323
								3%	2%	3%	5%	3%	3%
							grade 4 events	5341	5269	5248	10655	6883	5239
								3%	2%	3%	5%	3%	3%
							grade 5 events	4444	10321	4751	11632	5928	5034
								2%	5%	2%	6%	3%	3%
							grade 6 events	10080	48248	13453	48363	16844	12202
								6%	24%	8%	25%	9%	7%
							grade 7 events	79562	66124	76339	59902	82010	79120
								49%	33%	47%	31%	44%	48%

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	247.4948169467762	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-7.228269698987509	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	226.8604794829435	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	361698342.445423	361698341.42042			
Observation start date	2009-06-18T07:45:42	2009-06-18T07:45:41			
[s] Observation end time (MET)	361710224.246017	361710223.22102			
Observation end date	2009-06-18T11:03:44	2009-06-18T11:03:43			
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)	2012.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2338779960275

A.2 Comments