

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54950 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 3 2012

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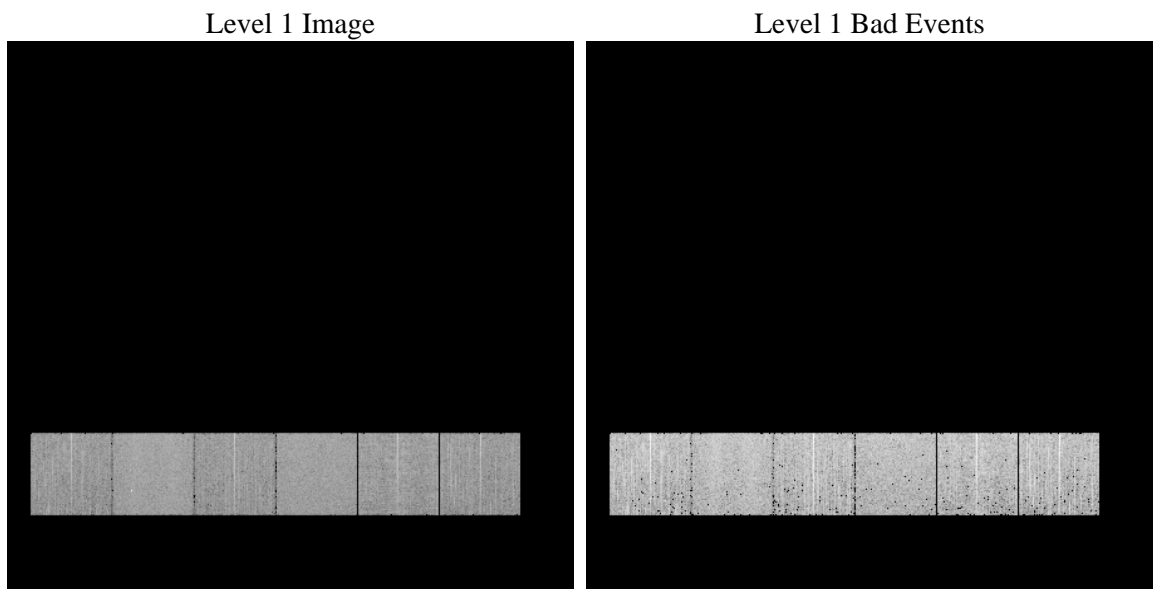
1 Front

seq_num	 	Sequence number
obs_id	54950	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	118.96072138598	Nominal RA [deg]
dec_nom	42.995745198762	Nominal Dec [deg]
roll_nom	140.01626604851	Nominal Roll [deg]
revision	1	Processing version of data
ontime	4158.9470763206	Sum of GTIs [s]
livetime	4106.283984223	Livetime [s]
ontime4	4158.8239563107	Sum of GTIs [s]
ontime5	4158.9060363173	Sum of GTIs [s]
ontime6	4158.864996314	Sum of GTIs [s]
ontime7	4158.9470763206	Sum of GTIs [s]
ontime8	4158.7829163074	Sum of GTIs [s]
ontime9	4158.9881163239	Sum of GTIs [s]
l2events	148142	Number of level 2 events

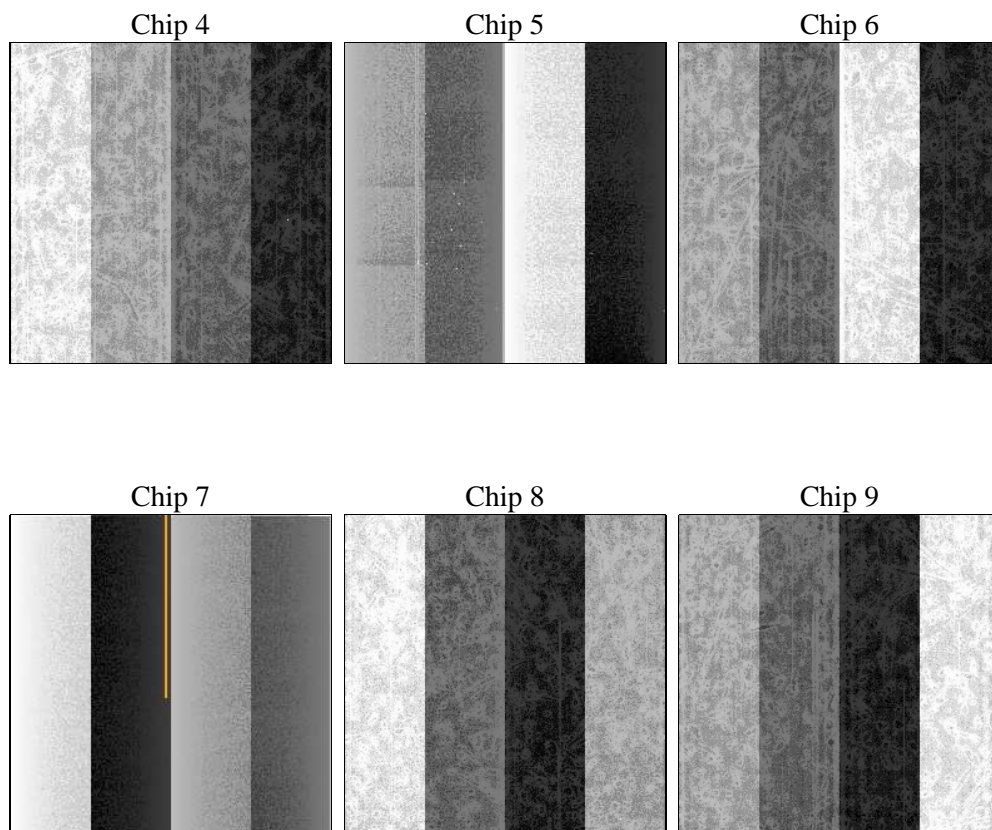
2 OBI

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	8.4.3	Processing system revision	ontime	4158.9470763206	Sum of GTIs [s]
caldsver	4.4.7	 	ontime4	4158.8239563107	Sum of GTIs [s]
date	2012-01-03T05:01:51	Date and time of file creation	ontime5	4158.9060363173	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	4158.864996314	Sum of GTIs [s]
			ontime7	4158.9470763206	Sum of GTIs [s]
			ontime8	4158.7829163074	Sum of GTIs [s]
			ontime9	4158.9881163239	Sum of GTIs [s]
			l1events	359218	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	53853	70237	55104	65145	60119	54760	grade 0 events	11438	3099	7665	5142	11302	9568
rejected events	33769	33088	33502	30023	33566	33878		21%	4%	13%	7%	18%	17%
rejected %	62%	47%	60%	46%	55%	61%	grade 1 events	87	76	46	45	66	55
								0%	0%	0%	0%	0%	0%
							grade 2 events	3275	12975	7695	7774	6515	5232
								6%	18%	13%	11%	10%	9%
							grade 3 events	1395	1404	863	2839	1720	1104
								2%	1%	1%	4%	2%	2%
							grade 4 events	1412	1297	952	2793	1698	1189
								2%	1%	1%	4%	2%	2%
							grade 5 events	1622	3358	1438	3941	2028	1796
								3%	4%	2%	6%	3%	3%
							grade 6 events	2575	18400	4443	16601	5336	3806
								4%	26%	8%	25%	8%	6%
							grade 7 events	32049	29628	32002	26010	31454	32010
								59%	42%	58%	39%	52%	58%

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	118.9607213859766	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	42.99574519876245	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	140.0162660485132	[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)	441885750.327297	441885749.3023			
Observation start date	2012-01-02T10:02:30	2012-01-02T10:02:29			
[s] Observation end time (MET)	441894179.927743	441894178.90274			
Observation end date	2012-01-02T12:23:00	2012-01-02T12:22:58			
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)	2012.01.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.1589470763206

A.2 Comments