

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54303 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 23 2012

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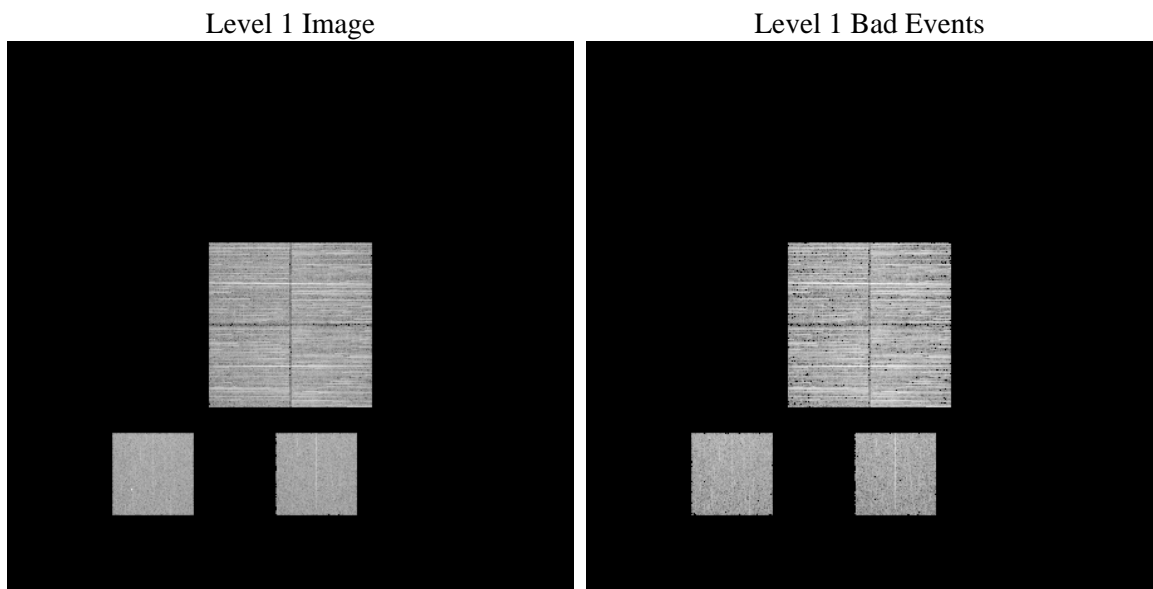
1 Front

seq_num	 	Sequence number
obs_id	54303	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	332.71479561593	Nominal RA [deg]
dec_nom	-7.6525506905808	Nominal Dec [deg]
roll_nom	284.53130503337	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3932.7999854088	Sum of GTIs [s]
livetime	3883.0005039457	Livetime [s]
ontime0	3803.1585134864	Sum of GTIs [s]
ontime1	3812.8815842271	Sum of GTIs [s]
ontime2	3812.8825998306	Sum of GTIs [s]
ontime3	3812.8815941215	Sum of GTIs [s]
ontime5	3932.7999854088	Sum of GTIs [s]
ontime7	3932.7999854088	Sum of GTIs [s]
l2events	126340	Number of level 2 events

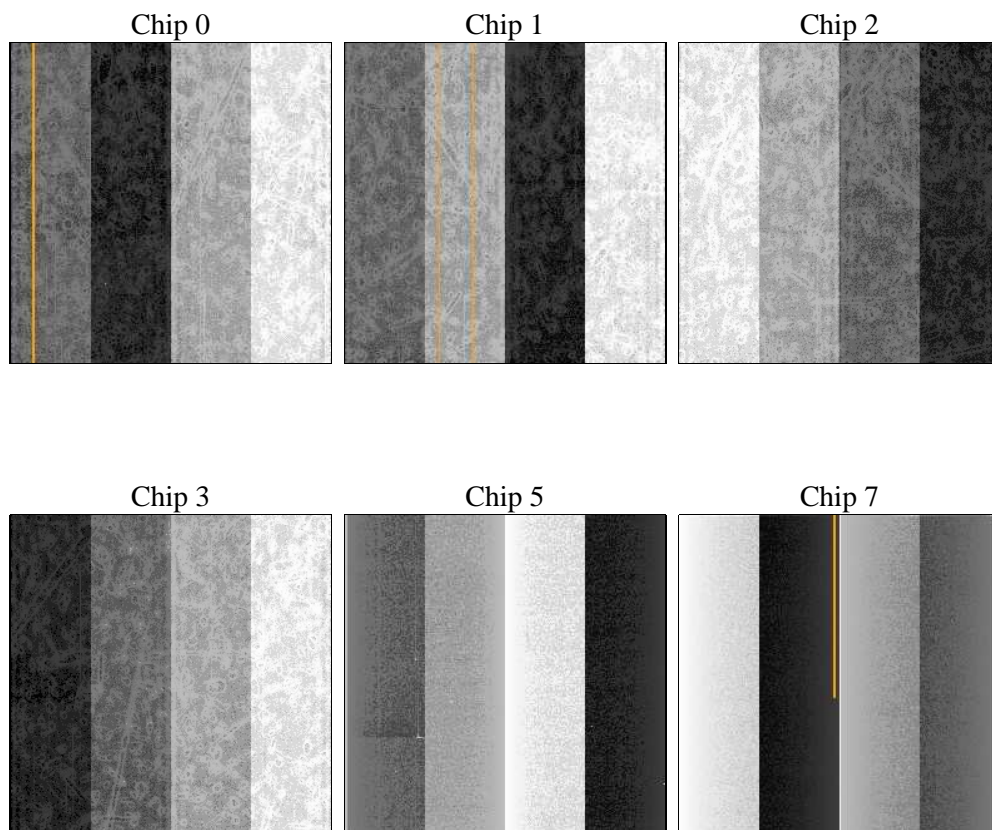
2 OBI

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	3932.7999854088	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	3803.1585134864	Sum of GTIs [s]
date	2012-09-23T19:54:59	Date and time of file creation	ontime1	3812.8815842271	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3812.8825998306	Sum of GTIs [s]
			ontime3	3812.8815941215	Sum of GTIs [s]
			ontime5	3932.7999854088	Sum of GTIs [s]
			ontime7	3932.7999854088	Sum of GTIs [s]
			l1events	446157	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	71493	80077	75533	83063	69308	66683	grade 0 events	9076	8903	9549	9441	3516	4940
rejected events	54335	62745	57943	65637	37149	35550		12%	11%	12%	11%	5%	7%
rejected %	76%	78%	76%	79%	53%	53%	grade 1 events	62	44	59	62	52	59
								0%	0%	0%	0%	0%	0%
							grade 2 events	3344	3528	3388	3307	12338	7705
								4%	4%	4%	3%	17%	11%
							grade 3 events	1122	1165	1223	1191	1226	2621
								1%	1%	1%	1%	1%	3%
							grade 4 events	1185	1197	1197	1240	1107	2628
								1%	1%	1%	1%	1%	3%
							grade 5 events	1456	1495	1356	1629	3140	4023
								2%	1%	1%	1%	4%	6%
							grade 6 events	2796	2905	2589	2622	14595	13878
								3%	3%	3%	3%	21%	20%
							grade 7 events	52452	60840	56172	63571	33334	30829
								73%	75%	74%	76%	48%	46%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	332.7147956159268	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-7.652550690580818	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	284.5313050333708	[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)	464736393.263868	464736392.23887			
Observation start date	2012-09-22T21:26:33	2012-09-22T21:26:32			
[s] Observation end time (MET)	464743463.714248	464743462.68925			
Observation end date	2012-09-22T23:24:24	2012-09-22T23:24:22			
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)	2012.09.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.9327999854088

A.2 Comments