

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 4093 - L2 Version 001
Chandra X-Ray Center

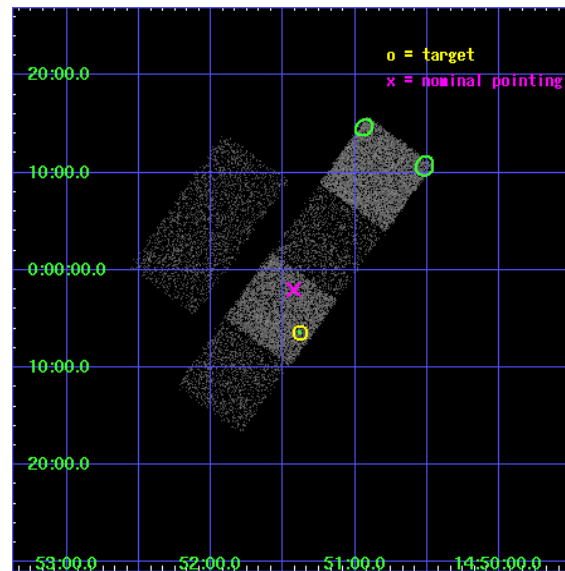
L2 Processing Date : Aug 4 2006

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1 Front

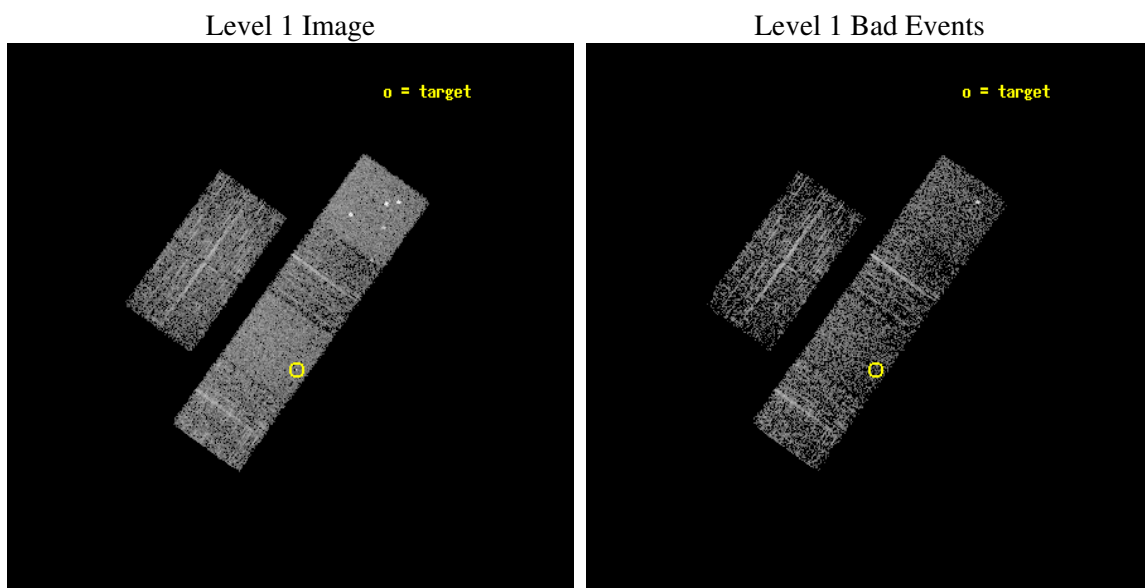
seq_num	700772
obs_id	4093
title	ARE ALL NARROW-LINE SEYFERT 1S ULTRASOFT X-RAY SOURCES?
observer	Prof RICHARD POGGE
object	SDSS J145123.02-000625.9
dtcycle	0
cycle	P
ra_targ	222.845833
dec_targ	-0.1072
ra_nom	222.85633465873
dec_nom	-0.033312199900135
roll_nom	125.75311654768
revision	2
ontime	2150.3999919891
livetime	2123.1703324751
ontime2	2150.3999919891
ontime3	2150.3999919891
ontime5	2150.3999919891
ontime6	2150.3999919891
ontime7	2150.3999919891
ontime8	2150.3999919891
l2events	20391



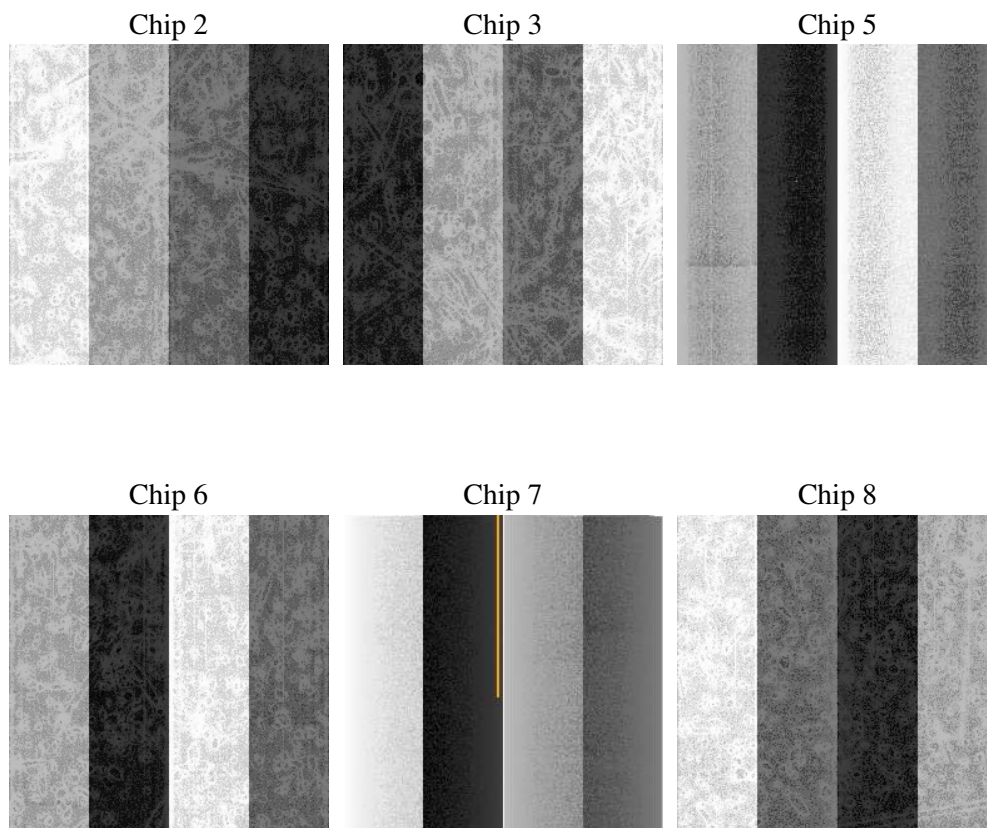
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldsver	3.2.2
date	2006-08-04T21:27:50
revision	2

sched_exp_time	2000.000000
ontime	3078.9580303431
ontime2	3078.9580104351
ontime3	3078.9580303431
ontime5	3078.9580303431
ontime6	3078.9580303431
ontime7	3078.9580303431
ontime8	3078.9580303431
l1events	135935

2.1.4 Events

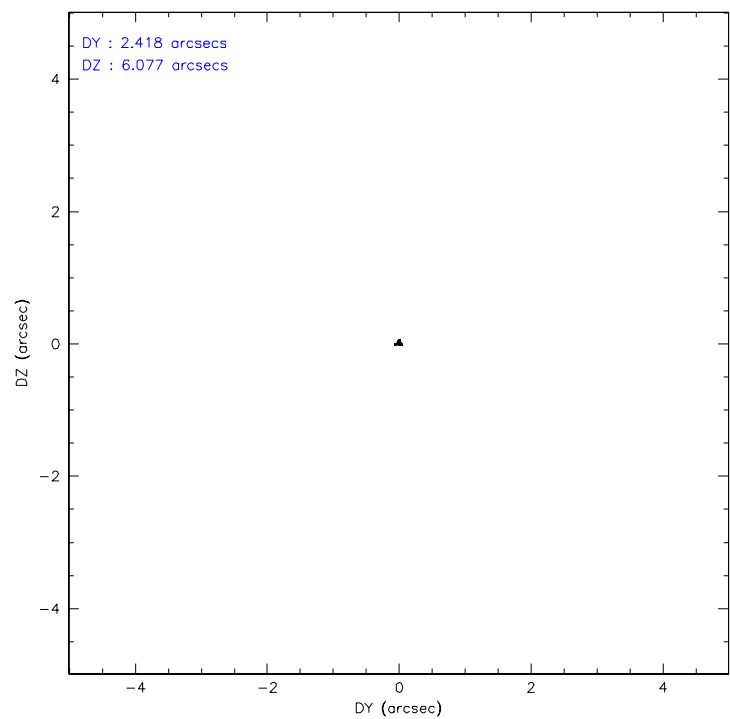
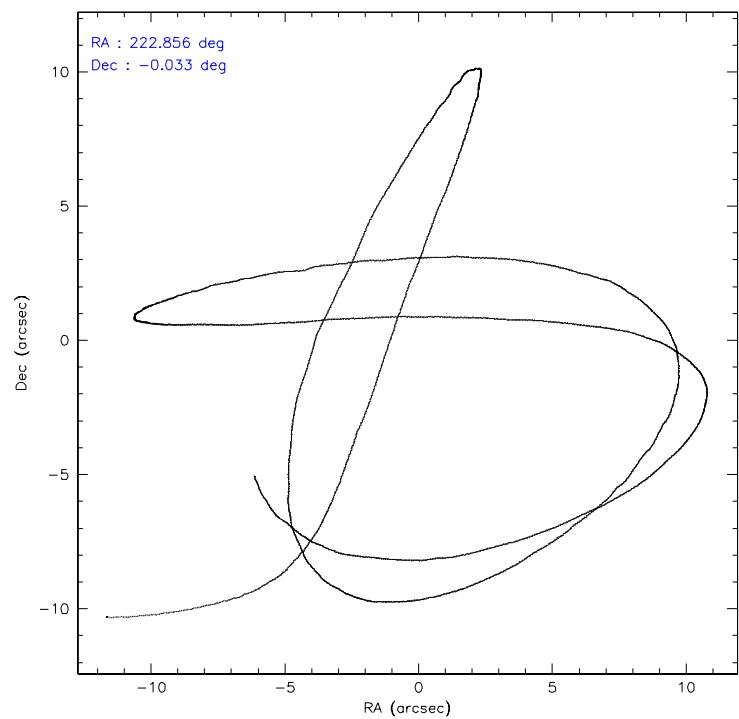
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	19848	18088	29837	19113	25668	23381
rejected events	18228	16597	19917	17472	18756	20193
rejected %	91%	91%	66%	91%	73%	86%

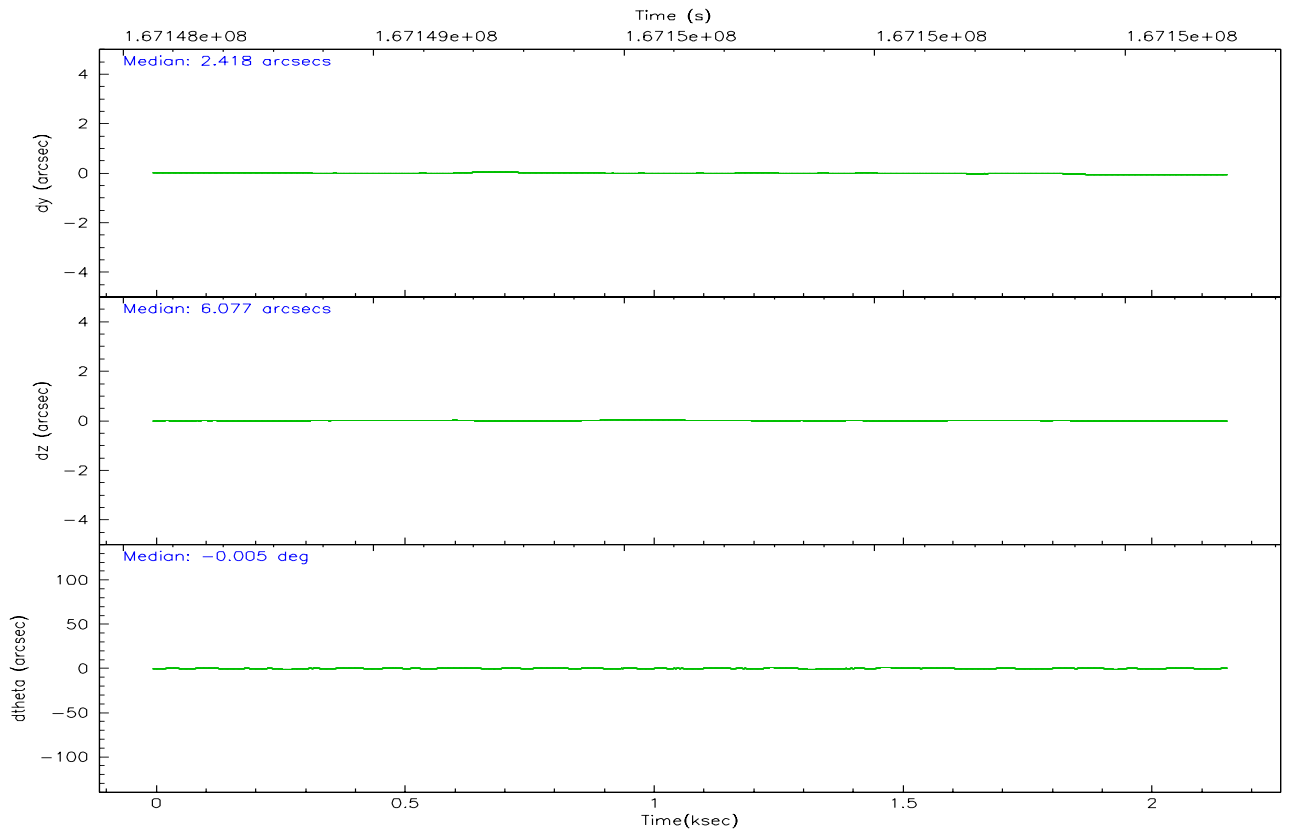
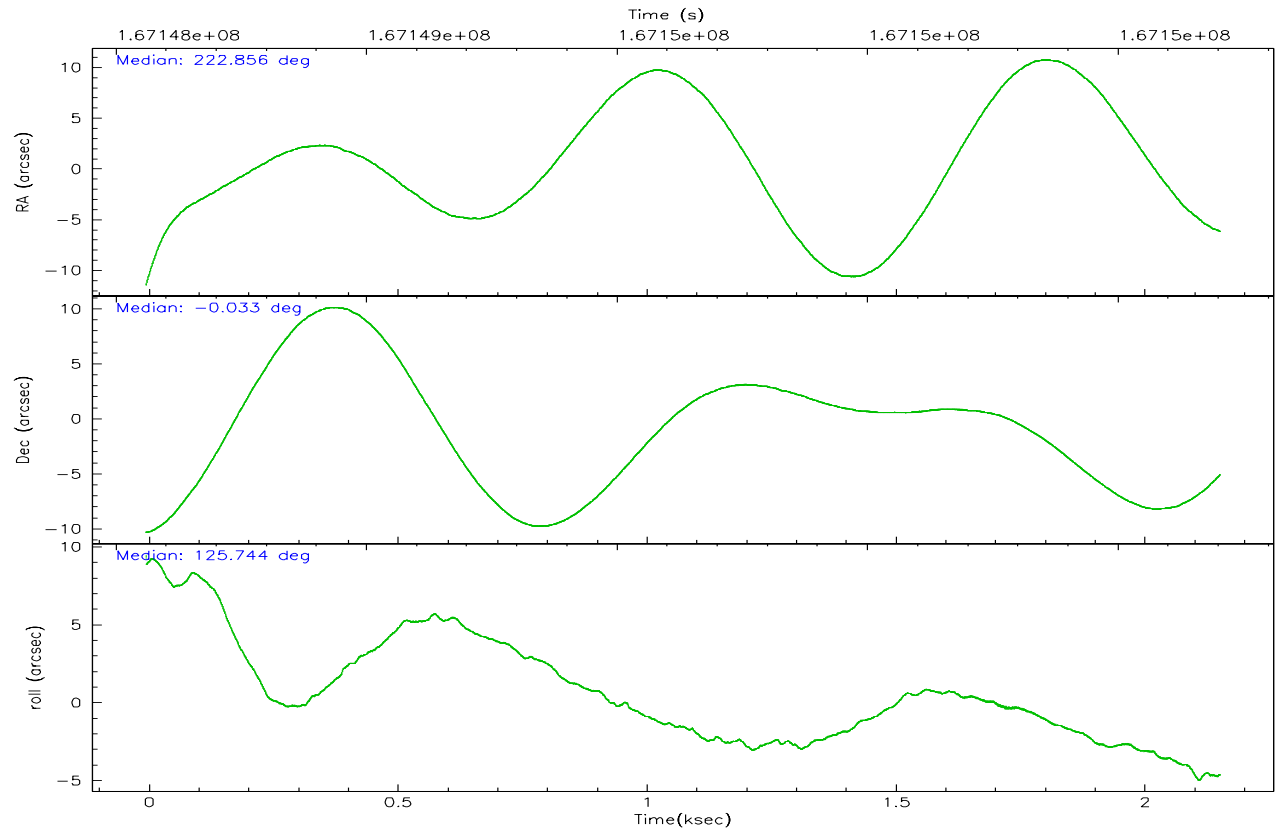
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	967	944	2590	912	647	1500
	4%	5%	8%	4%	2%	6%
grade 1 events	12	11	64	6	16	16
	0%	0%	0%	0%	0%	0%
grade 2 events	483	398	3881	481	2382	928
	2%	2%	13%	2%	9%	3%
grade 3 events	257	194	305	244	515	481
	1%	1%	1%	1%	2%	2%
grade 4 events	201	209	266	237	468	483
	1%	1%	0%	1%	1%	2%
grade 5 events	787	807	1385	861	1585	1112
	3%	4%	4%	4%	6%	4%
grade 6 events	383	360	7000	465	5732	1065
	1%	1%	23%	2%	22%	4%
grade 7 events	16758	15165	14346	15907	14323	17796
	84%	83%	48%	83%	55%	76%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	222.881375	222.8563346587275	Alternating exposures requested	N	N
Pointing Dec	-0.044040	-0.03331219990013528	Primary exposure time	0.000000	3.2
Pointing Roll	125.596452	125.7531165476837			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	167148712.184000	167147193.36161			
Observation start date	2003-04-19T14:10:48	2003-04-19T13:46:33			
Observation end time	167150712.184000	167151500.92429			
Observation end date	2003-04-19T14:44:08	2003-04-19T14:58:20			
Read mode	TIMED	TIMED			

2.3 Aspect



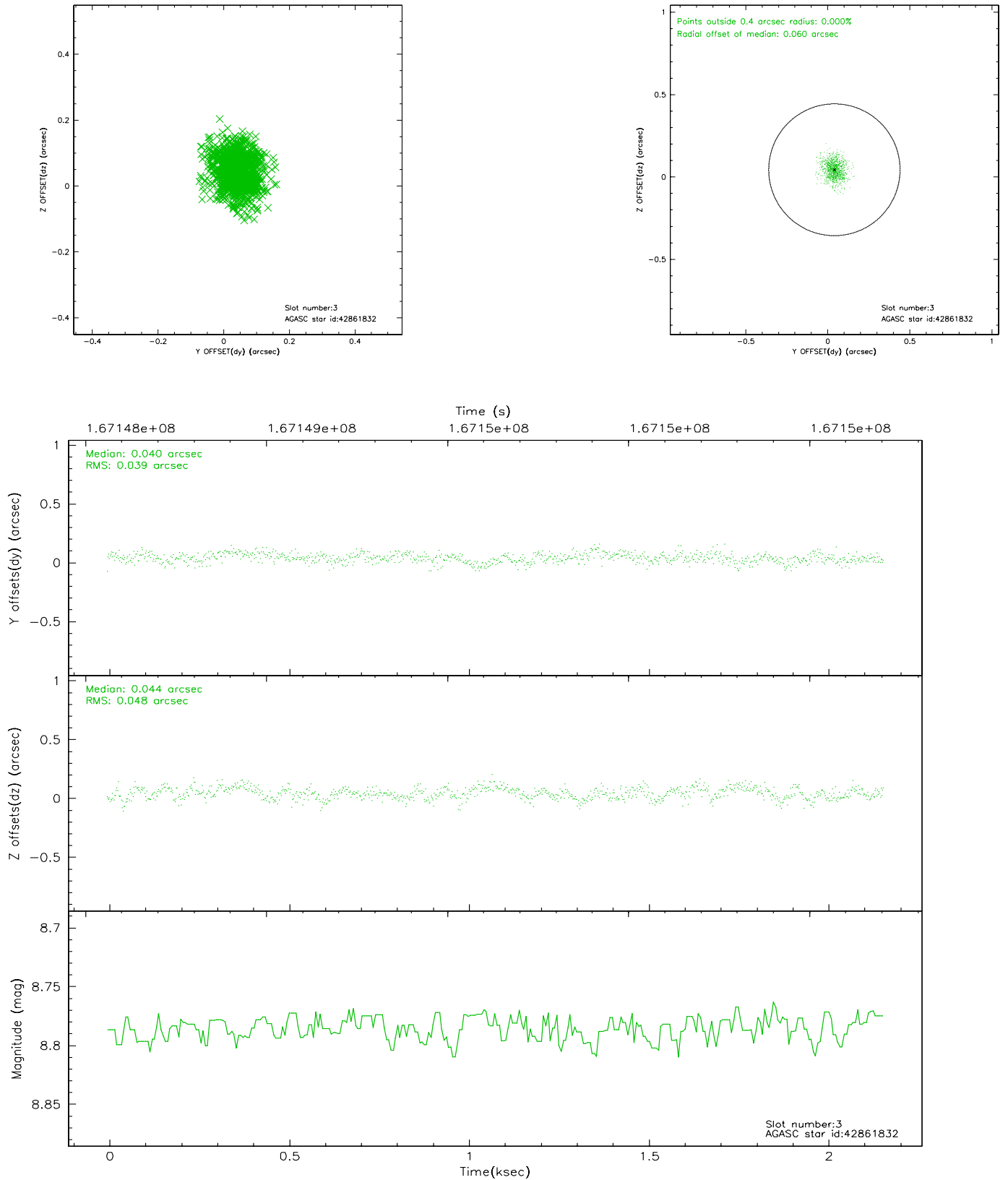


Slot Statistics

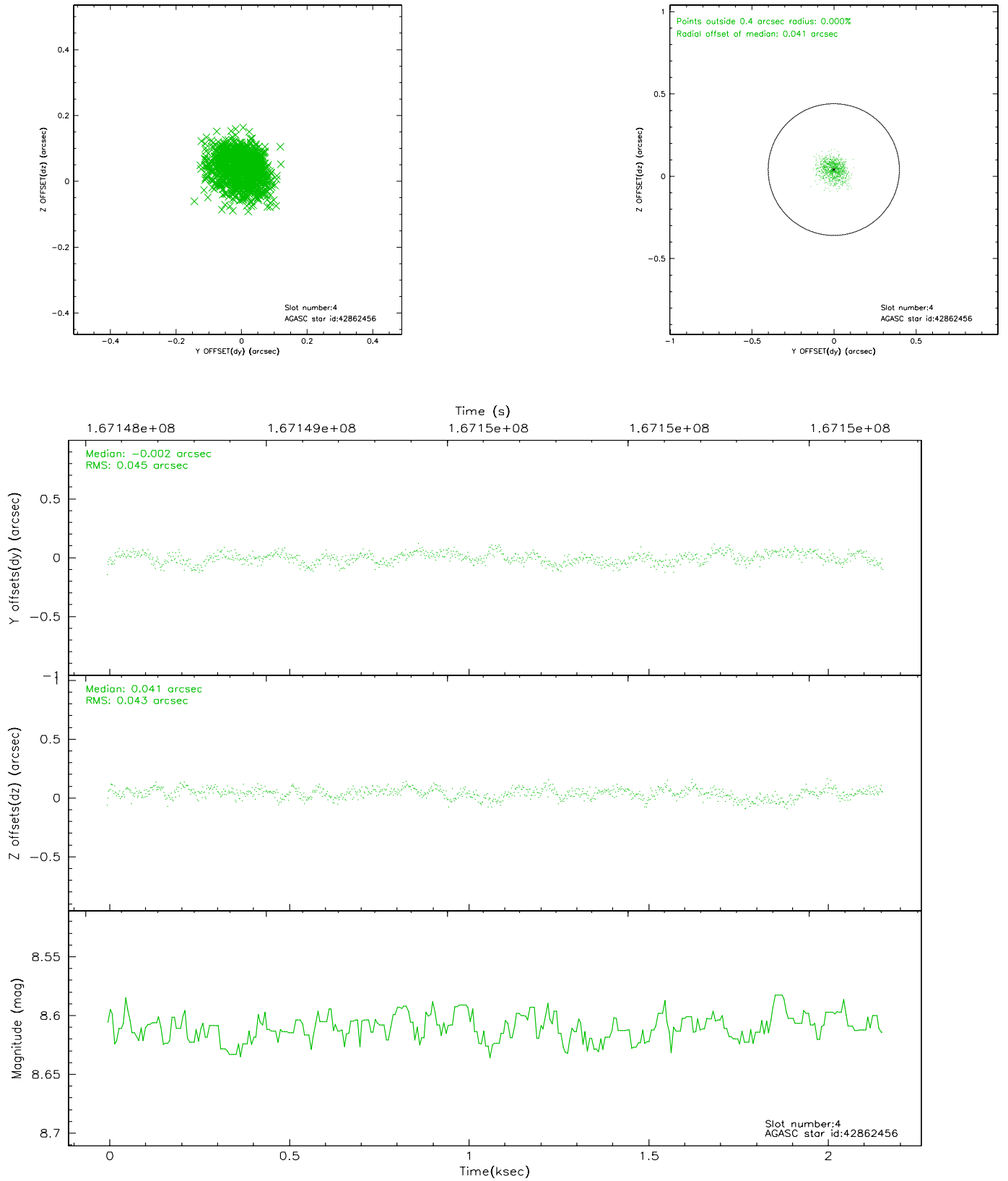
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	527	-0.041	0.025	0.007	0.011	0.000000	0.000000	-755.03	-1727.16
1	FID	ACIS-S-4	7.21	527	-0.032	0.013	0.005	0.009	0.000000	0.000000	2156.84	178.26
2	FID	ACIS-S-5	7.24	527	0.042	-0.029	0.006	0.010	0.000000	0.000000	-1803.95	175.23
3	GUIDE	42861832	8.79	1054	0.040	0.044	0.065	0.108	223.127411	0.110424	-63.51	-1043.29
4	GUIDE	42862456	8.61	1054	-0.002	0.041	0.067	0.108	223.153805	0.017804	-389.35	-928.07
5	GUIDE	42862688	8.53	1053	-0.131	0.036	0.078	0.123	222.786006	0.556783	1958.73	-980.37
6	GUIDE	653525608	8.69	1053	0.078	0.024	0.069	0.124	222.704311	-0.557503	-1130.02	1593.05
7	GUIDE	653526368	8.93	1051	0.005	-0.137	0.096	0.149	222.618552	-0.823216	-1731.28	2403.26

2.4 Star Slots

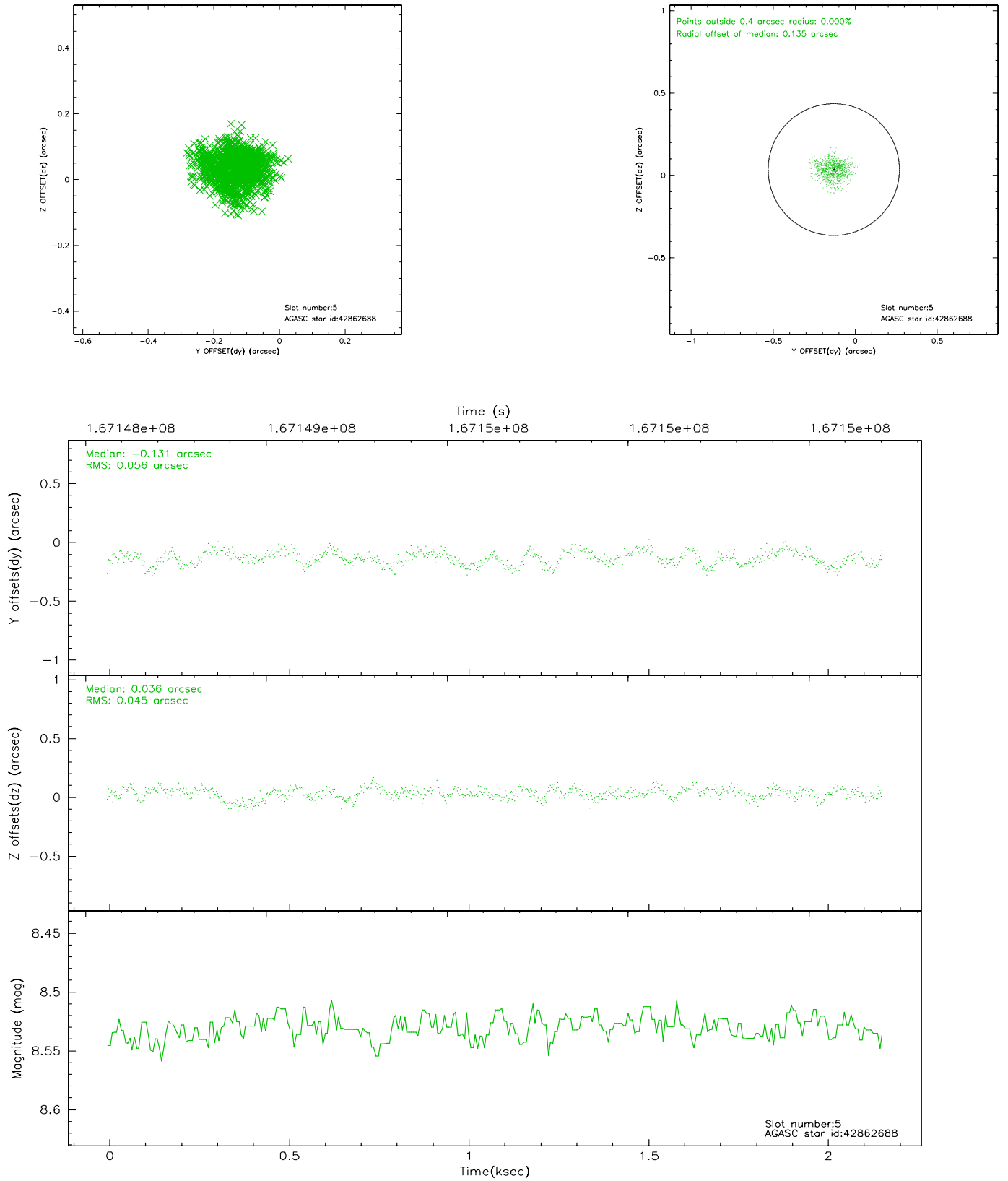
2.4.1 Slot 3



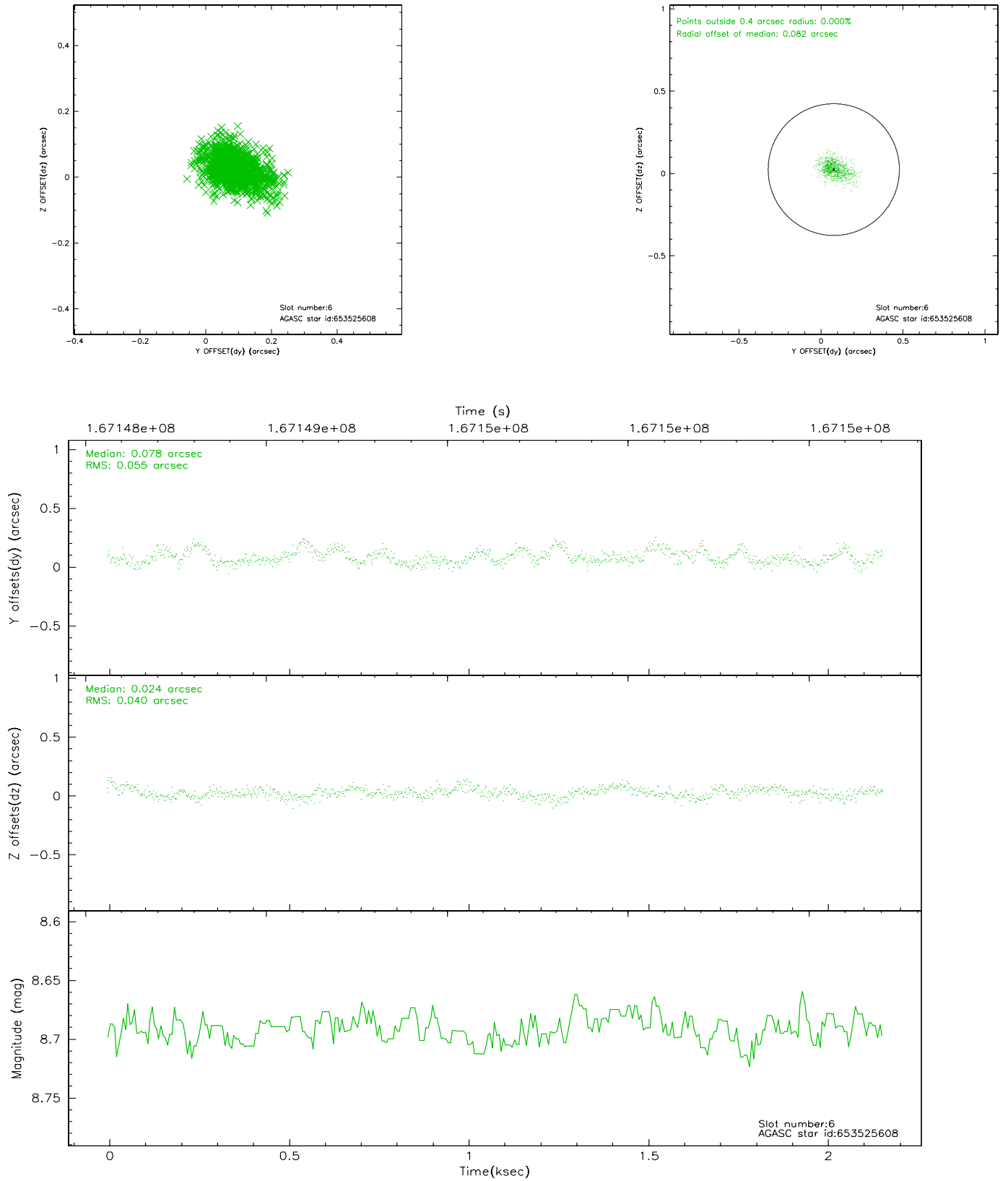
2.4.2 Slot 4



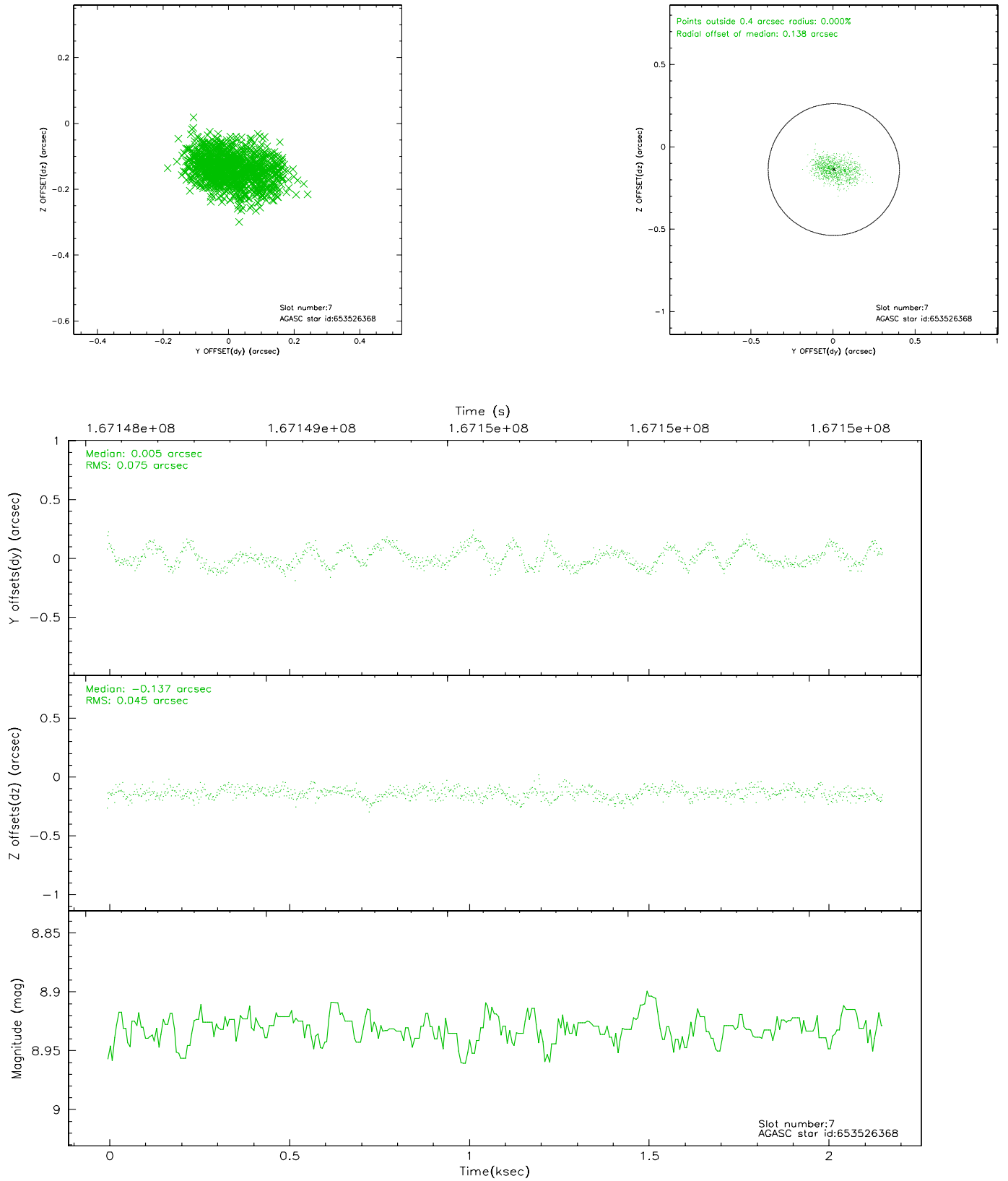
2.4.3 Slot 5



2.4.4 Slot 6

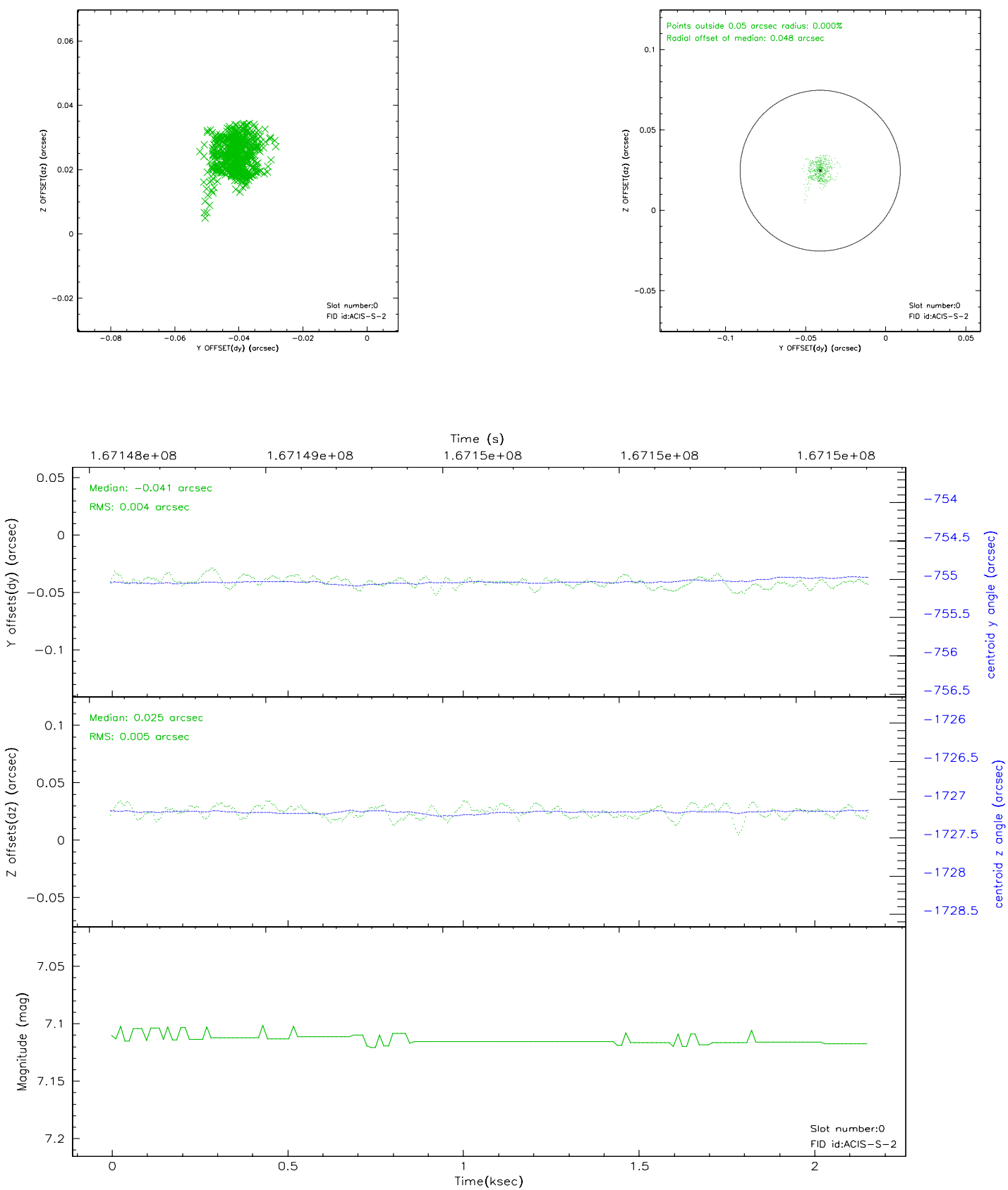


2.4.5 Slot 7

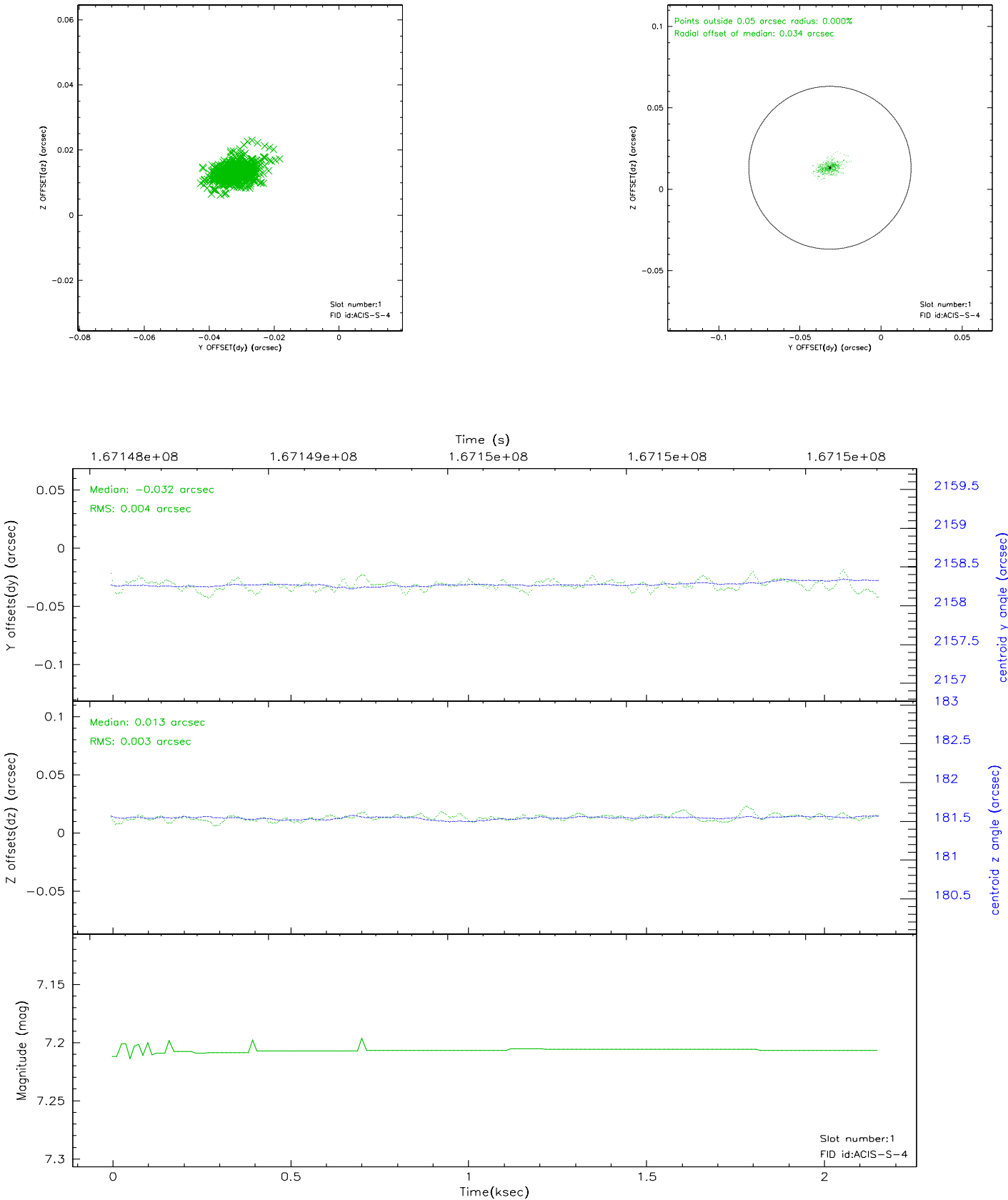


2.5 FID Slots

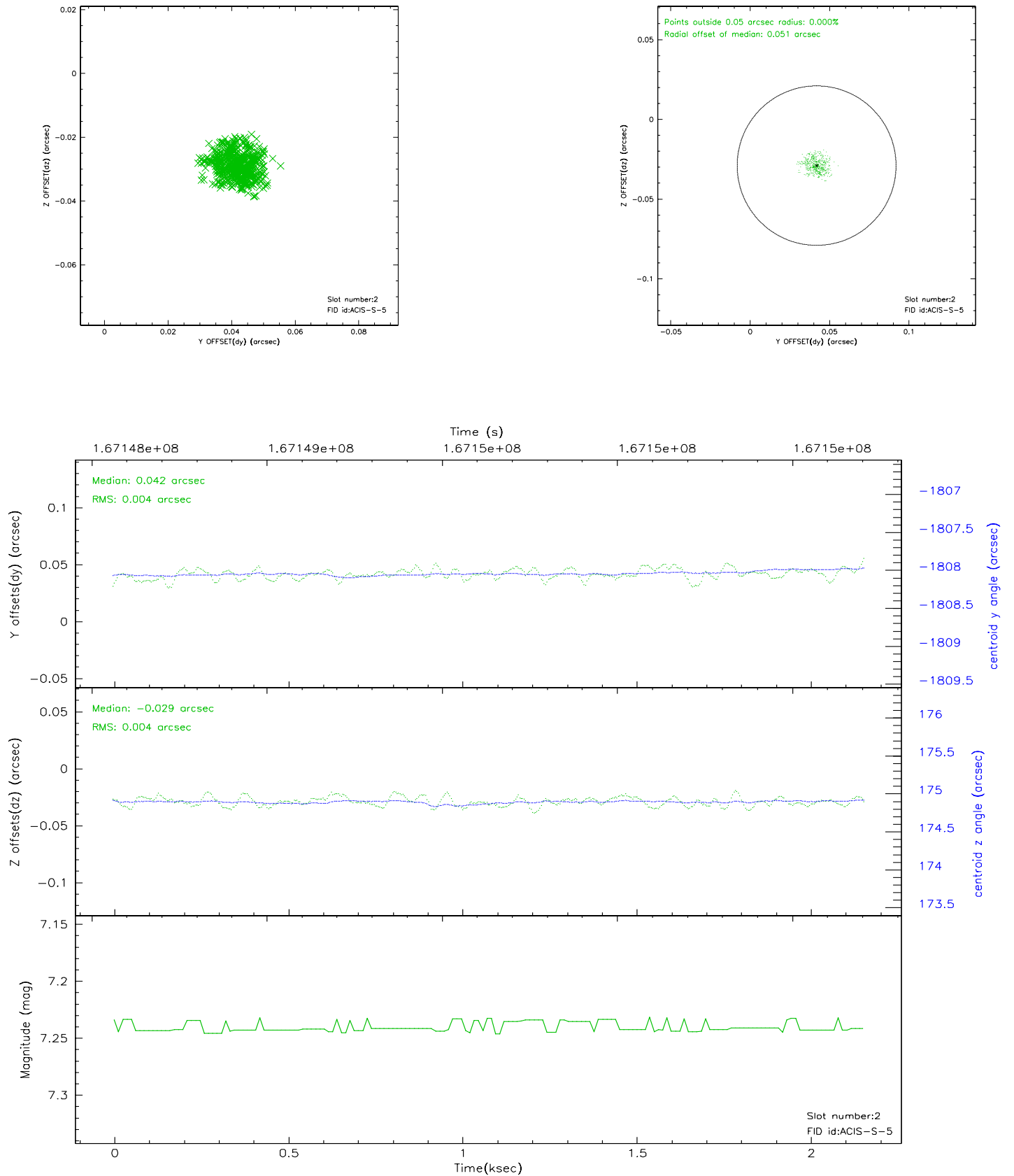
2.5.1 Slot 0



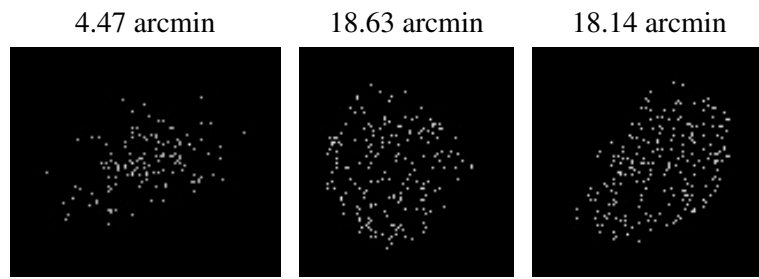
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.15

A.2 Comments