

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3967 - L2 Version 001
Chandra X-Ray Center

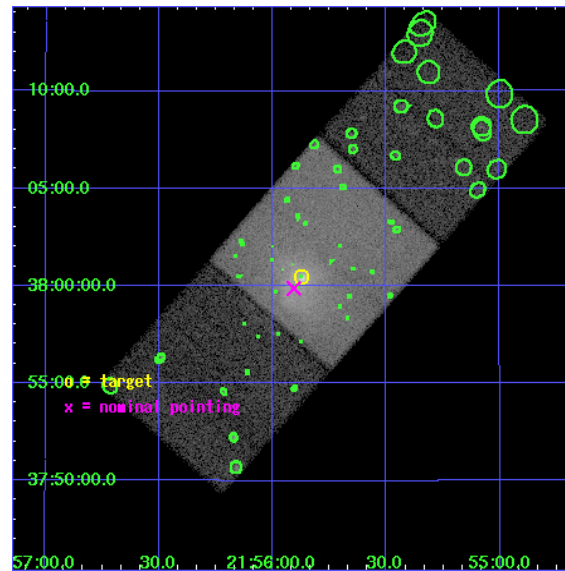
L2 Processing Date : Oct 16 2006

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1 Front

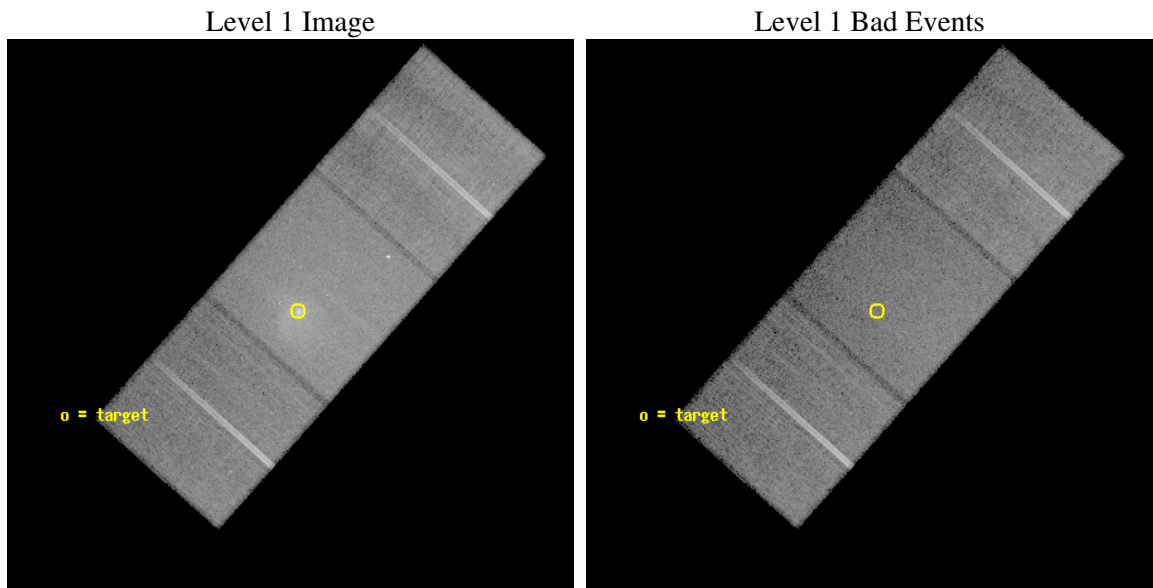
seq_num	700646
obs_id	3967
title	PROBING INTO THE ENEGETICS IN LOBES OF RADIO GALAXIES.
observer	Dr. Naoki Isobe
object	3C 438
dtcycle	0
cycle	P
ra_targ	328.967917
dec_targ	38.008222
ra_nom	328.97670680145
dec_nom	37.997868147535
roll_nom	311.62405366124
revision	2
ontime	48096.458937287
livetime	47468.043293174
ontime6	48096.458937287
ontime7	48096.458937287
ontime8	48093.317947149
l2events	269687



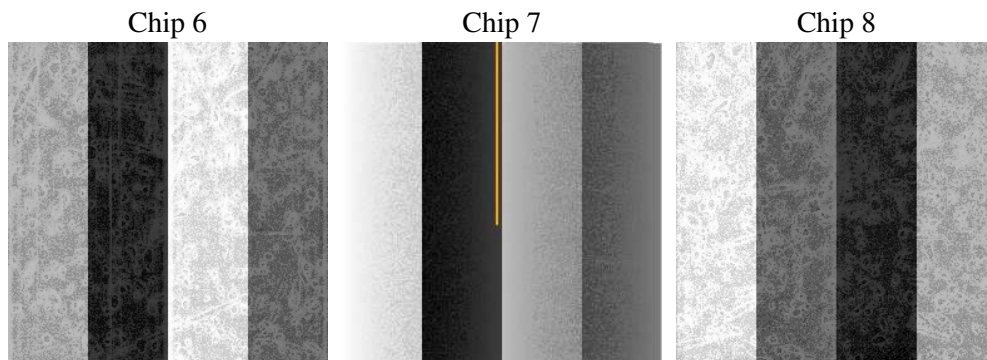
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-16T04:43:51
revision	2

sched_exp_time	47739.944000
ontime	48101.30310002
ontime6	48104.444110096
ontime7	48101.30310002
ontime8	48101.303119957
l1events	1109641

2.1.4 Events

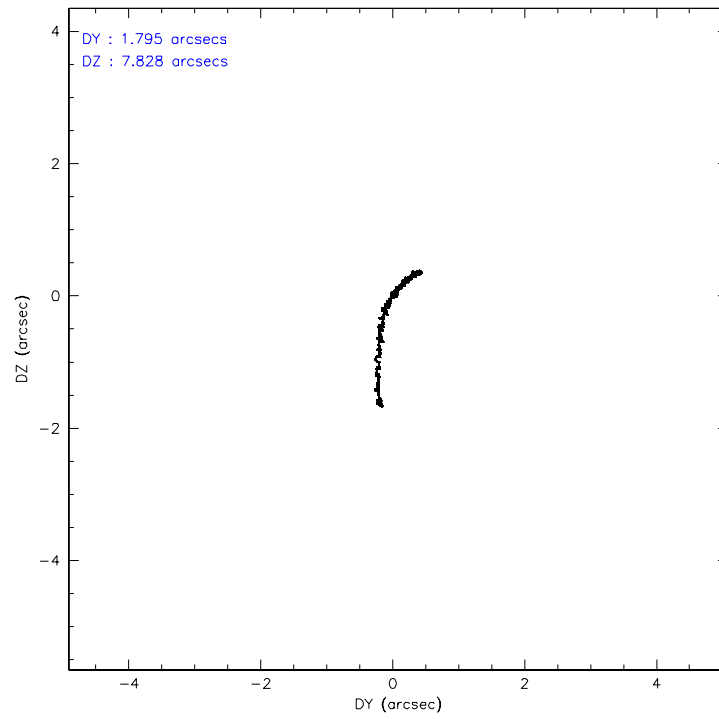
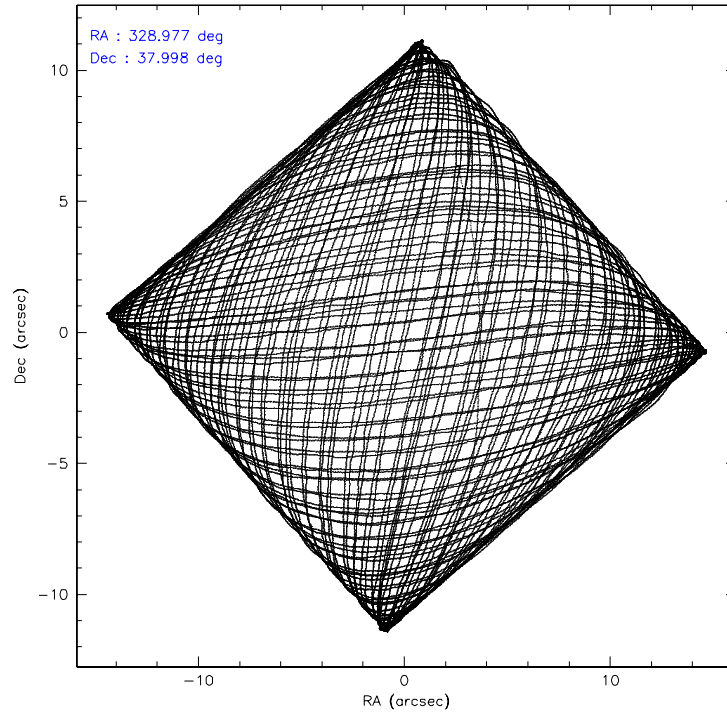
	ccd 6	ccd 7	ccd 8
level 1 events	298623	439420	371598
rejected events	258803	237906	293634
rejected %	86%	54%	79%

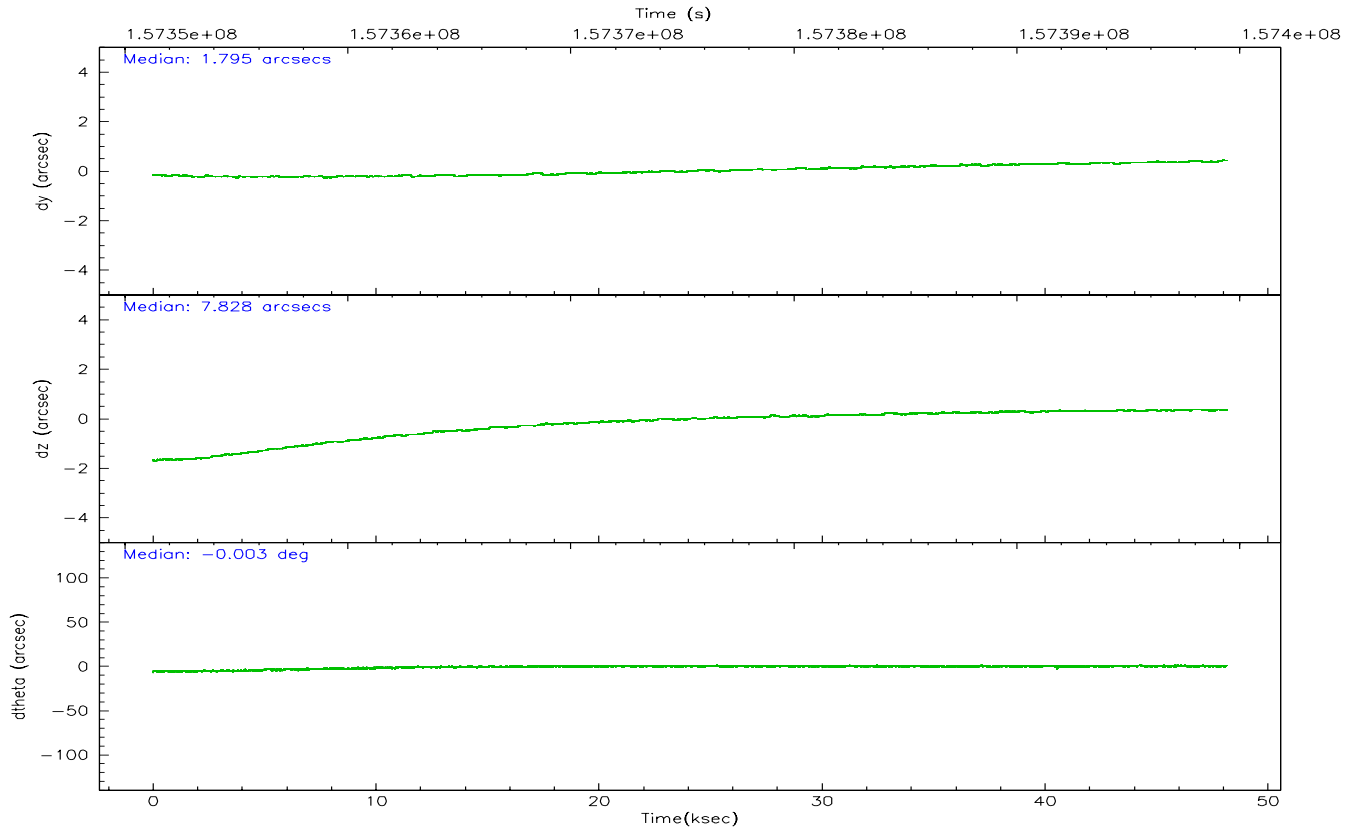
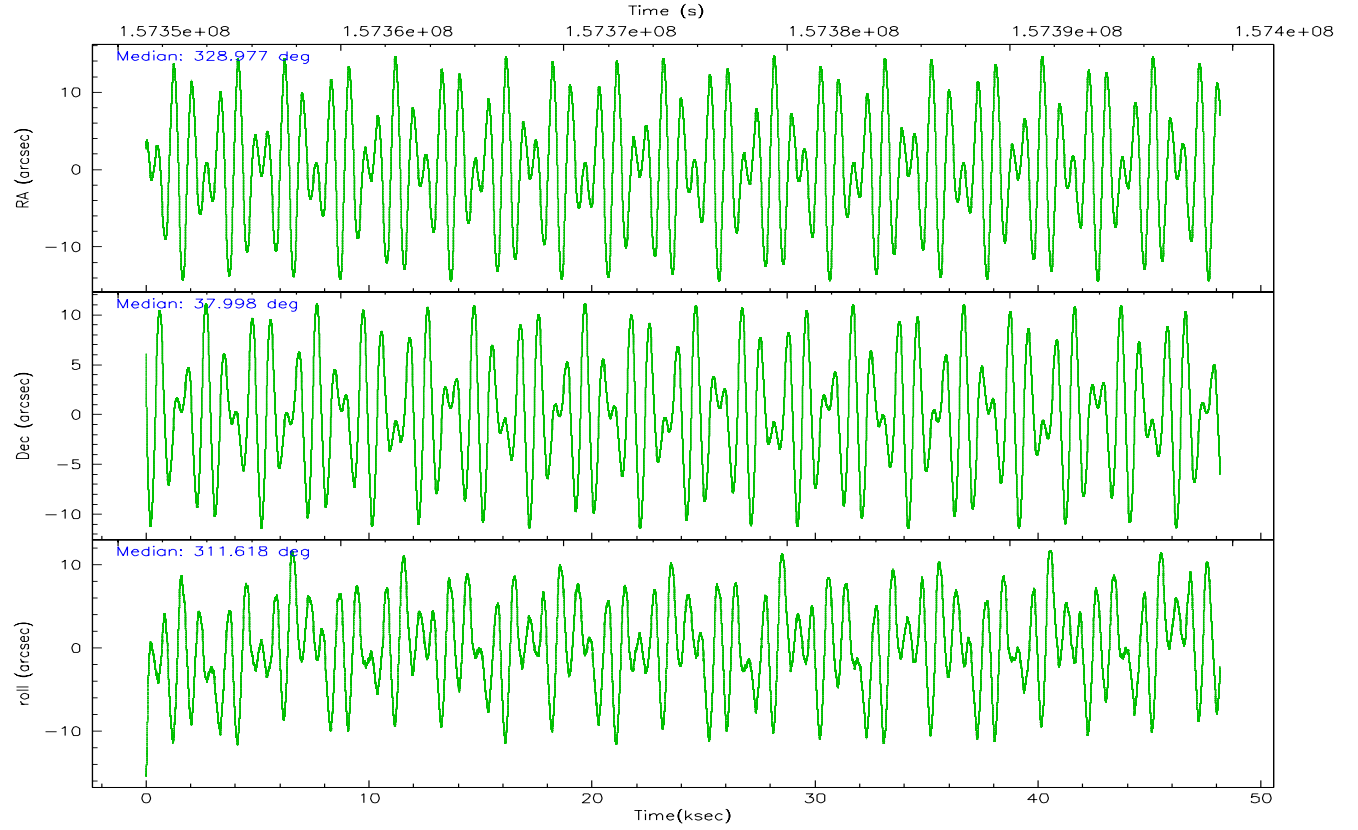
	ccd 6	ccd 7	ccd 8
grade 0 events	18239	18954	26057
	6%	4%	7%
grade 1 events	161	211	205
	0%	0%	0%
grade 2 events	7730	49660	16909
	2%	11%	4%
grade 3 events	3521	12419	7947
	1%	2%	2%
grade 4 events	3431	12239	7304
	1%	2%	1%
grade 5 events	13029	25559	17221
	4%	5%	4%
grade 6 events	6910	108270	19755
	2%	24%	5%
grade 7 events	245602	212108	276200
	82%	48%	74%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-678	ACIS-678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	328.943769	328.9767068014543	Subarray requested	NONE	NONE
Pointing Dec	38.006087	37.9978681475349	Alternating exposures requested	N	N
Pointing Roll	311.487700	311.6240536612412	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	157351691.184000	157350606.82491			
Observation start date	2002-12-27T04:47:07	2002-12-27T04:30:06			
Observation end time	157399431.184000	157399745.83946			
Observation end date	2002-12-27T18:02:47	2002-12-27T18:09:05			
Read mode	TIMED	TIMED			

2.3 Aspect



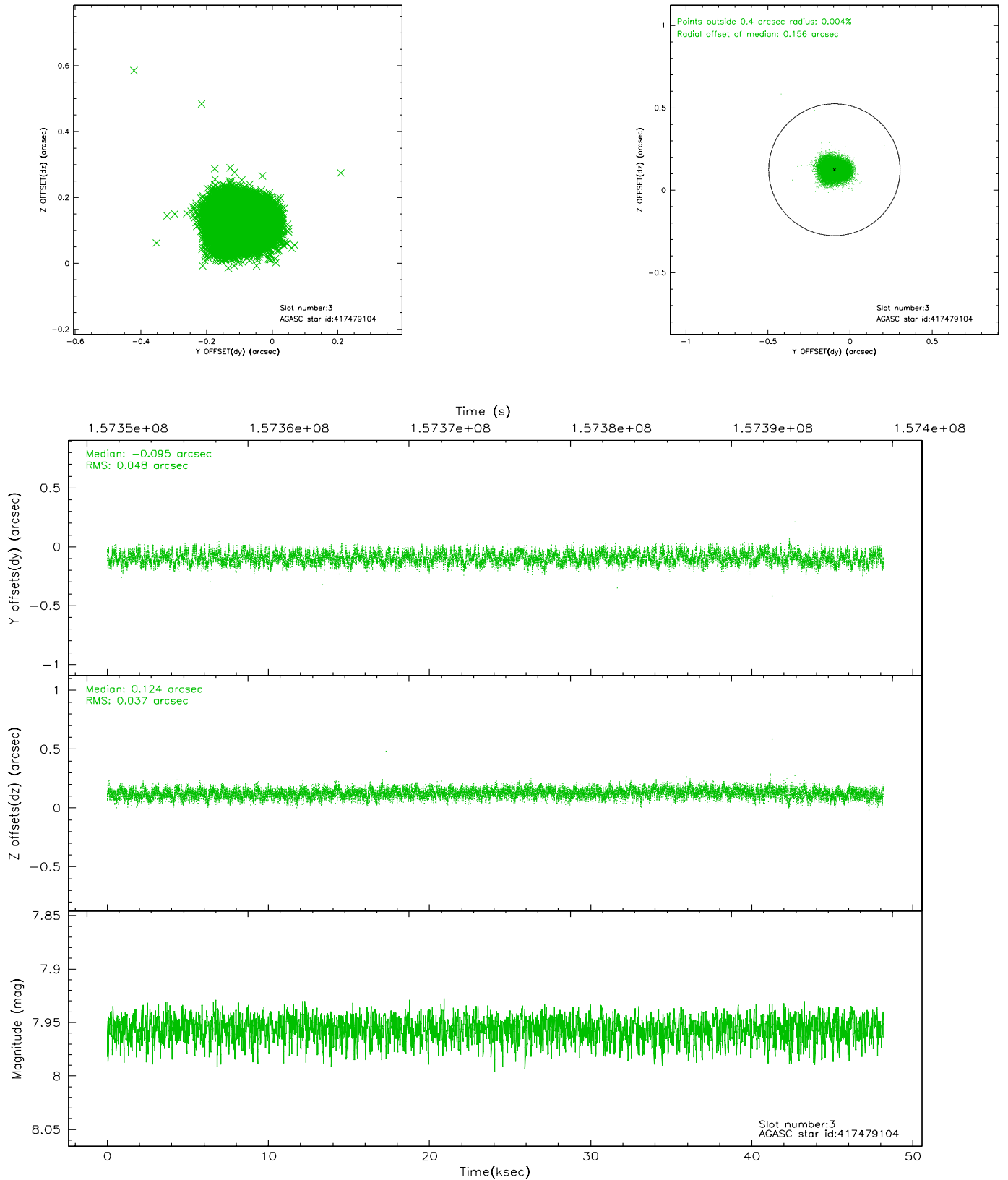


Slot Statistics

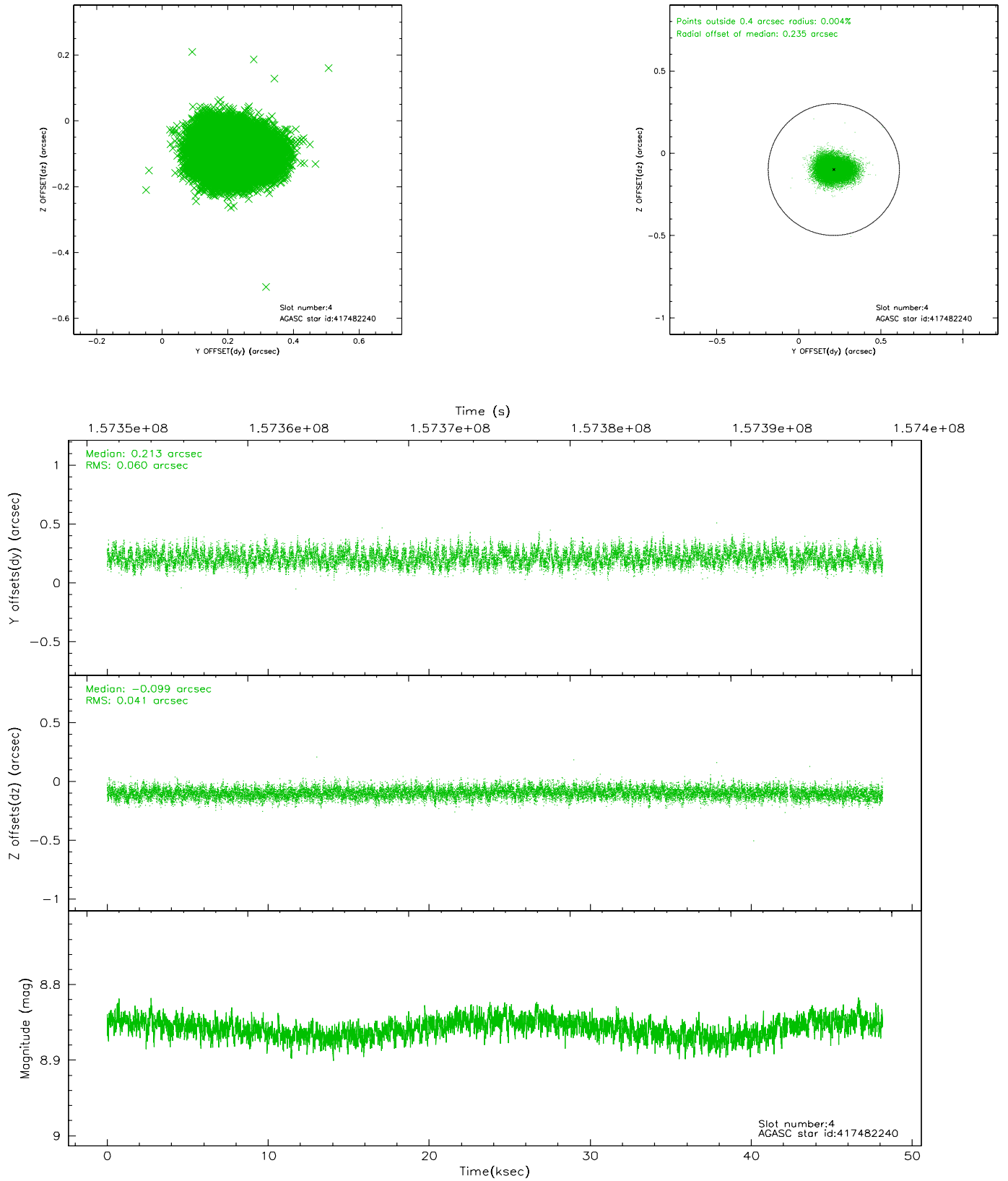
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	11748	-0.020	0.007	0.014	0.030	0.000000	0.000000	-754.47	-1728.76
1	FID	ACIS-S-4	7.20	11747	-0.040	0.008	0.010	0.033	0.000000	0.000000	2158.81	179.72
2	FID	ACIS-S-5	7.24	11746	0.032	-0.006	0.012	0.021	0.000000	0.000000	-1807.26	173.38
3	GUIDE	417479104	7.96	23493	-0.095	0.124	0.066	0.100	329.876629	37.975291	1826.88	1919.07
4	GUIDE	417482240	8.86	23422	0.213	-0.099	0.078	0.125	329.724568	37.923263	1685.60	1470.01
5	GUIDE	357837552	9.71	23400	0.113	-0.153	0.141	0.223	328.483895	37.390504	786.94	-2451.10
6	GUIDE	417483888	8.70	23483	-0.073	0.019	0.062	0.100	328.245105	38.343423	-2221.85	-668.50
7	GUIDE	417477256	9.35	23486	-0.156	0.114	0.130	0.205	328.891450	38.816575	-2283.14	1823.15

2.4 Star Slots

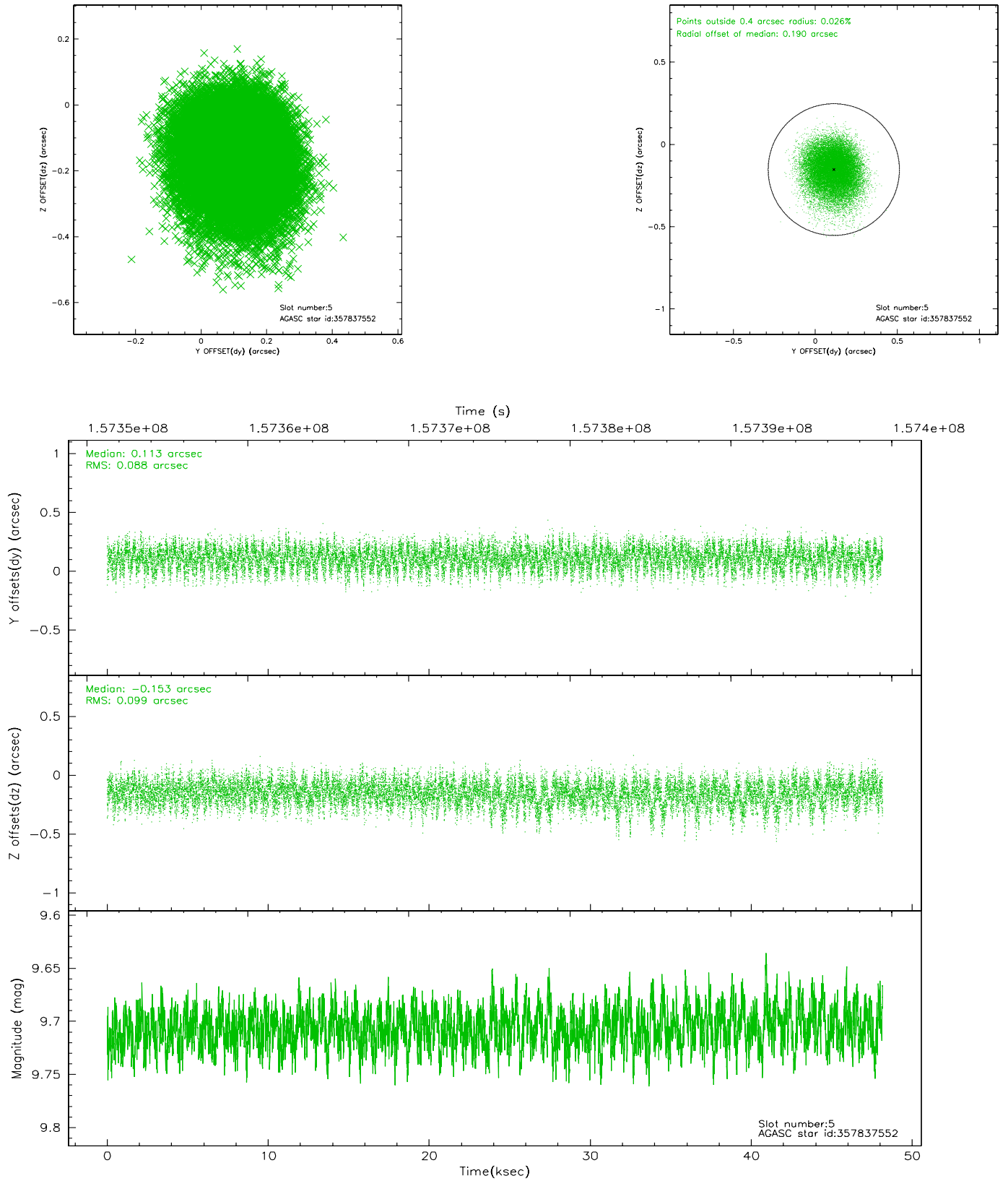
2.4.1 Slot 3



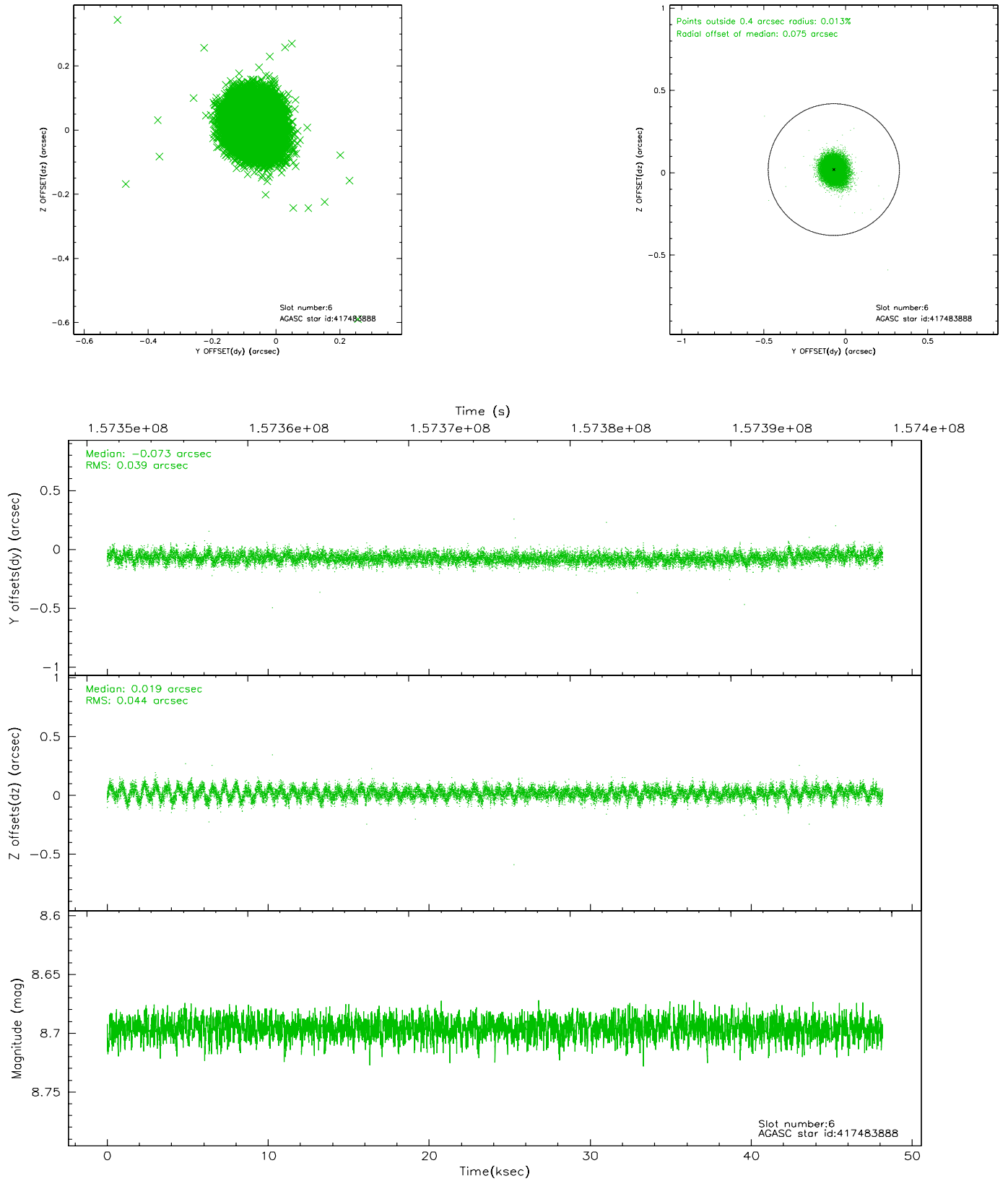
2.4.2 Slot 4



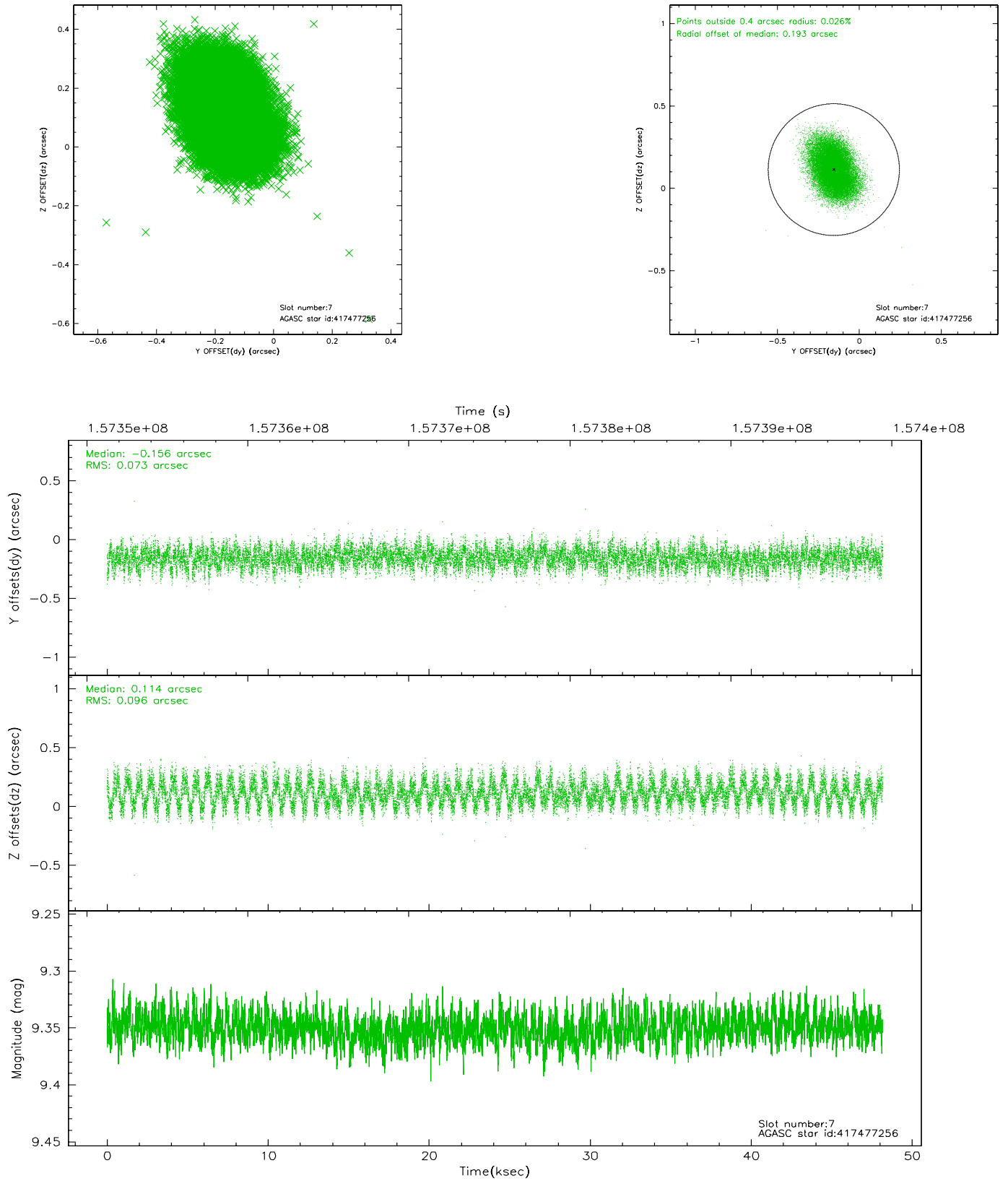
2.4.3 Slot 5



2.4.4 Slot 6

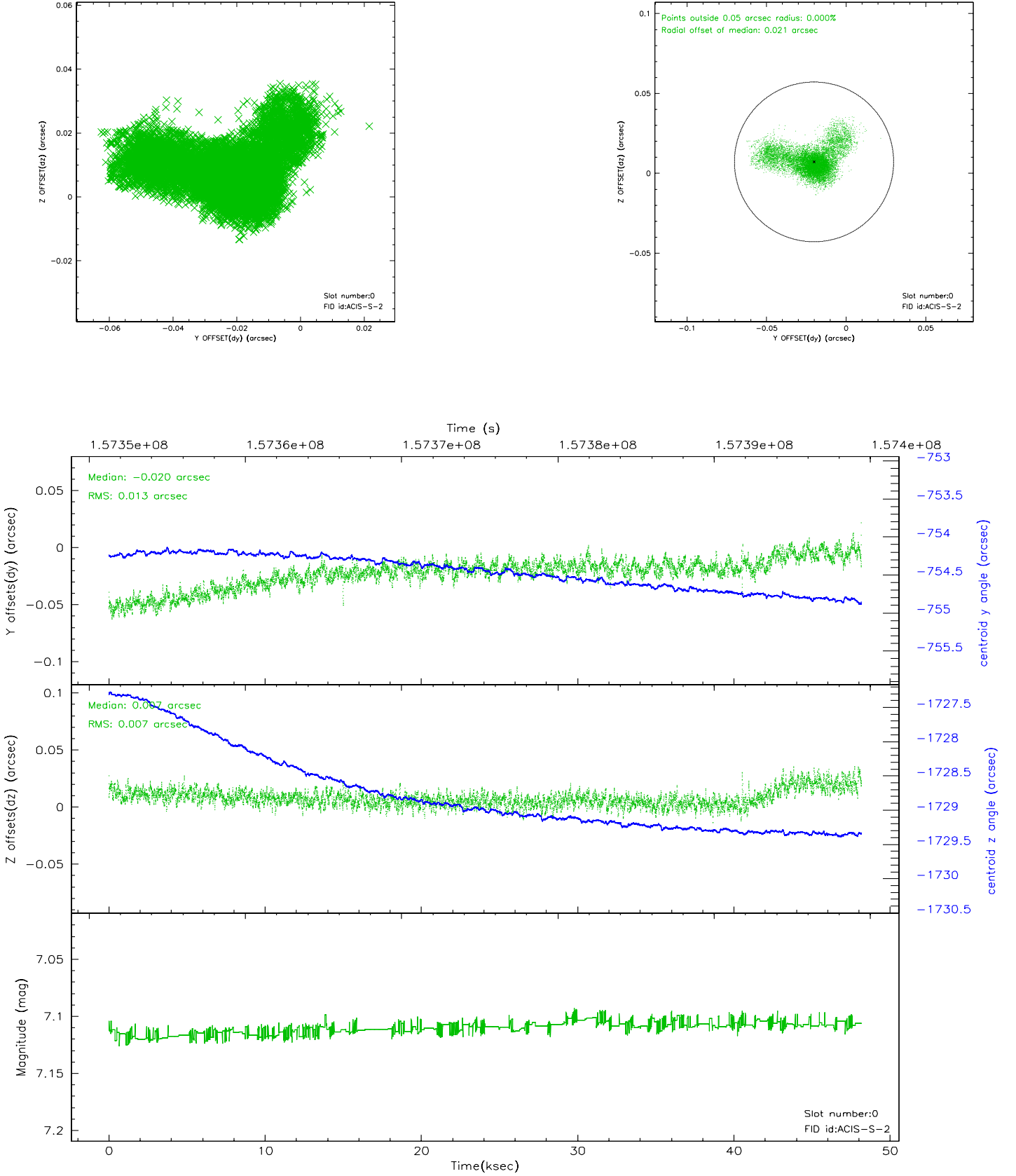


2.4.5 Slot 7

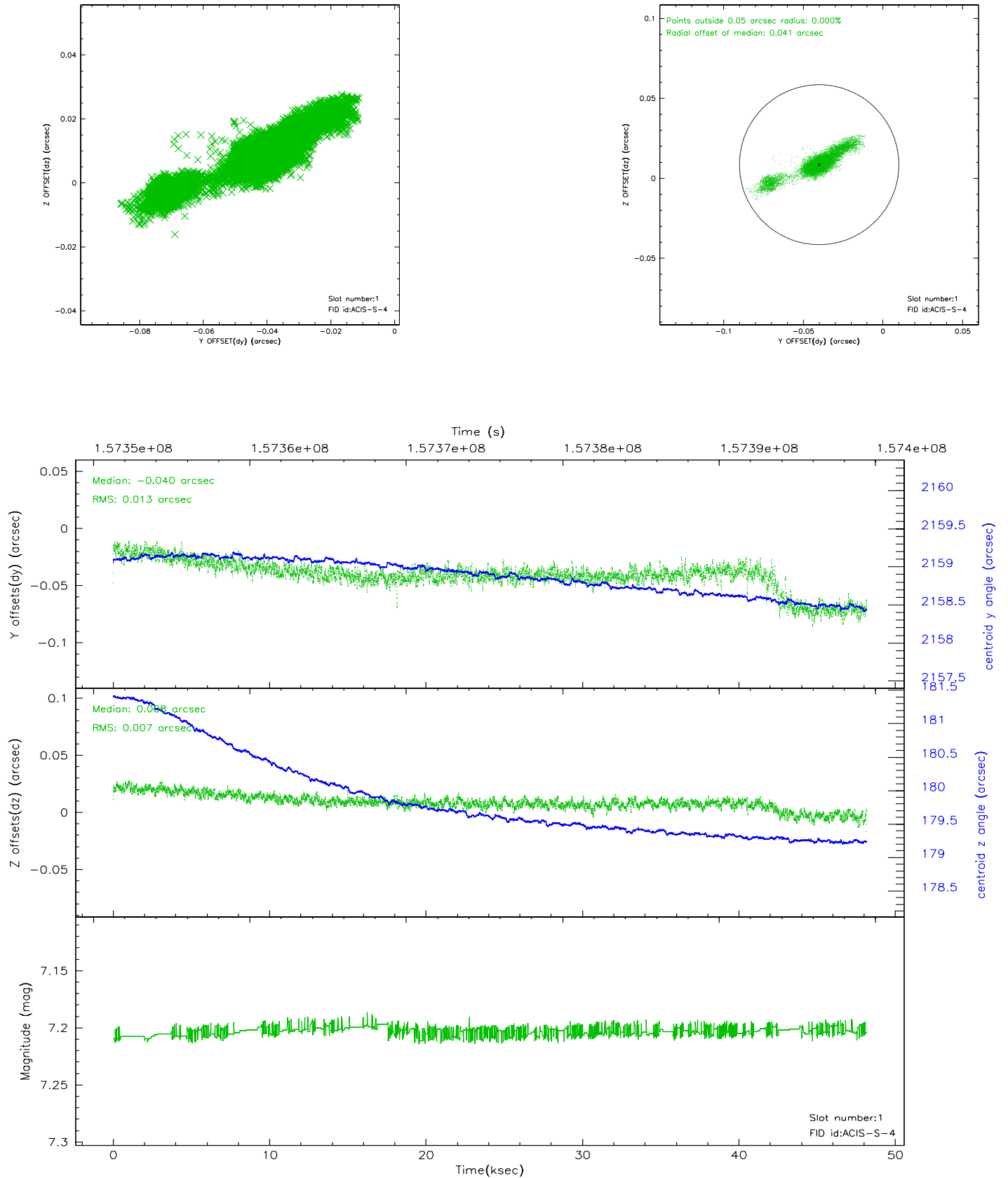


2.5 FID Slots

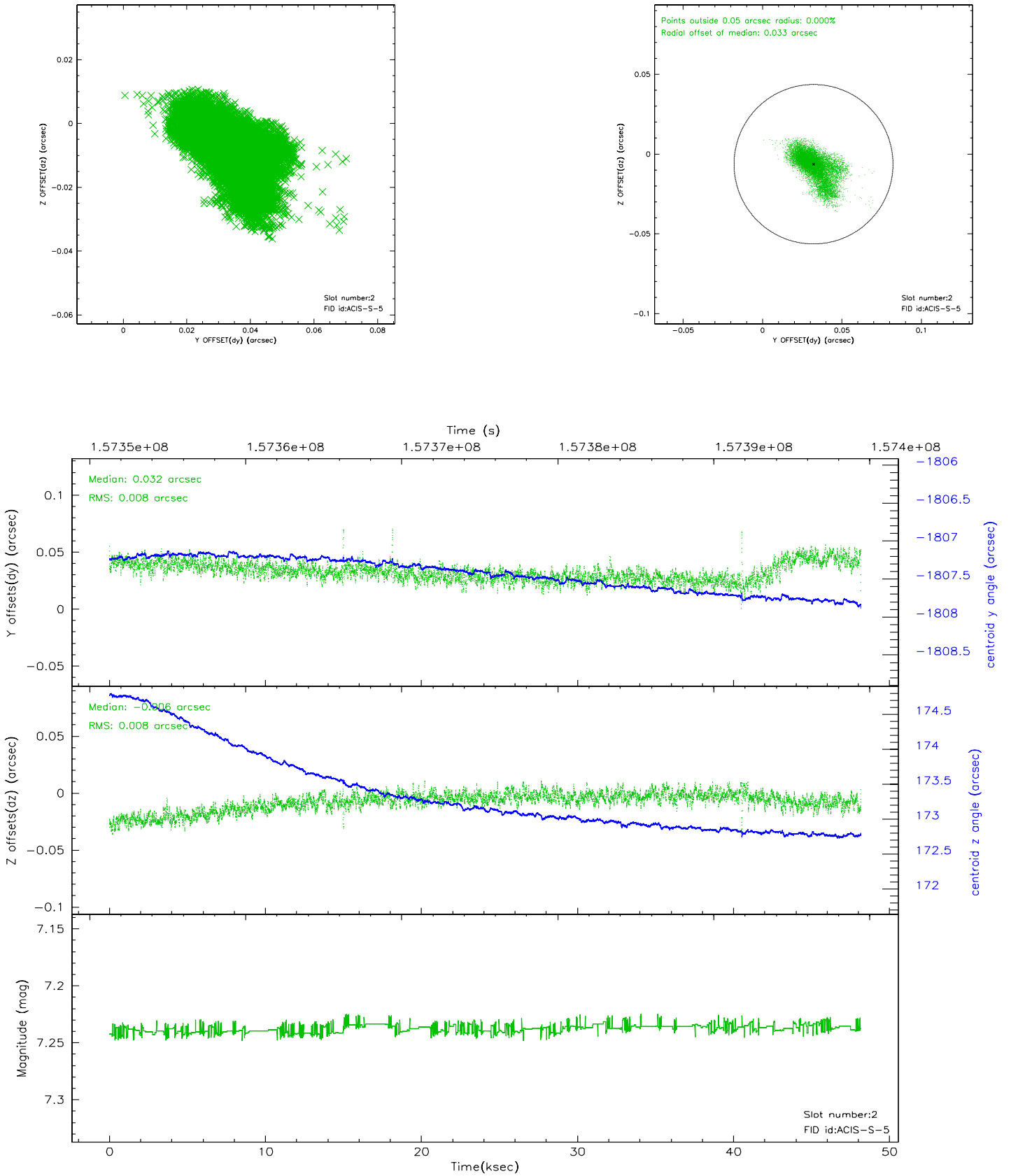
2.5.1 Slot 0



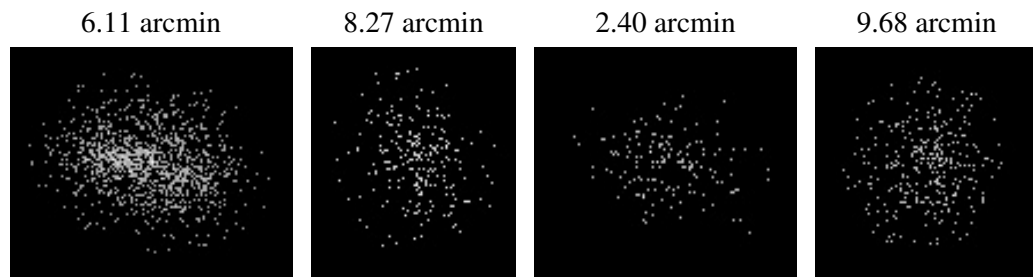
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	47.898

A.2 Comments

Charge time for this observation remains at previous value of 47.898 ks, although with the current processing the charge time would have been 48.096 ksec.