

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1633 - L2 Version 001
Chandra X-Ray Center

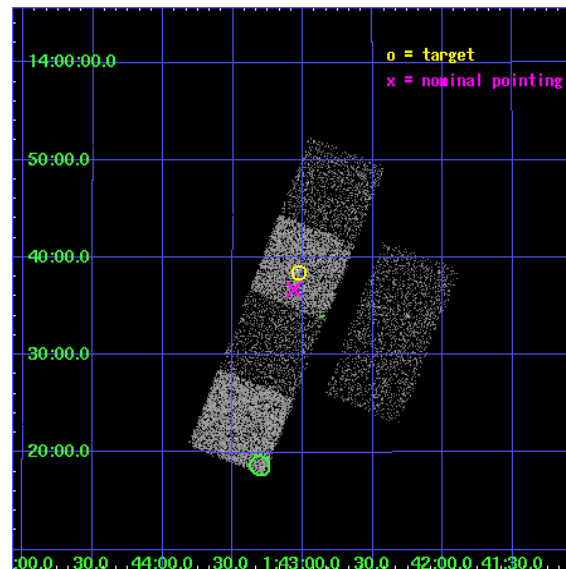
L2 Processing Date : Nov 4 2006

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1 Front

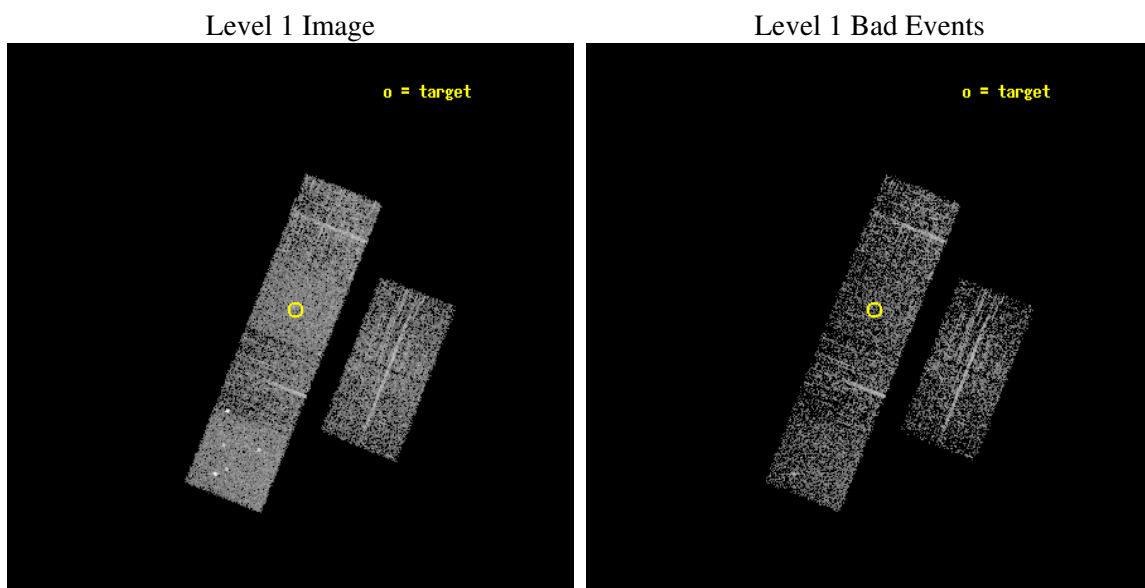
seq_num	700249
obs_id	1633
title	THE X-RAY PROPERTIES OF LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES
observer	Professor Gordon Garmire
object	NGC 660
dtcycle	0
cycle	P
ra_targ	25.756667
dec_targ	13.63975
ra_nom	25.765914110096
dec_nom	13.612112971523
roll_nom	291.66822696256
revision	2
ontime	1939.200001806
livetime	1914.6446837371
ontime2	1939.200001806
ontime3	1939.200001806
ontime5	1939.200001806
ontime6	1939.200001806
ontime7	1939.200001806
ontime8	1939.200001806
l2events	17052



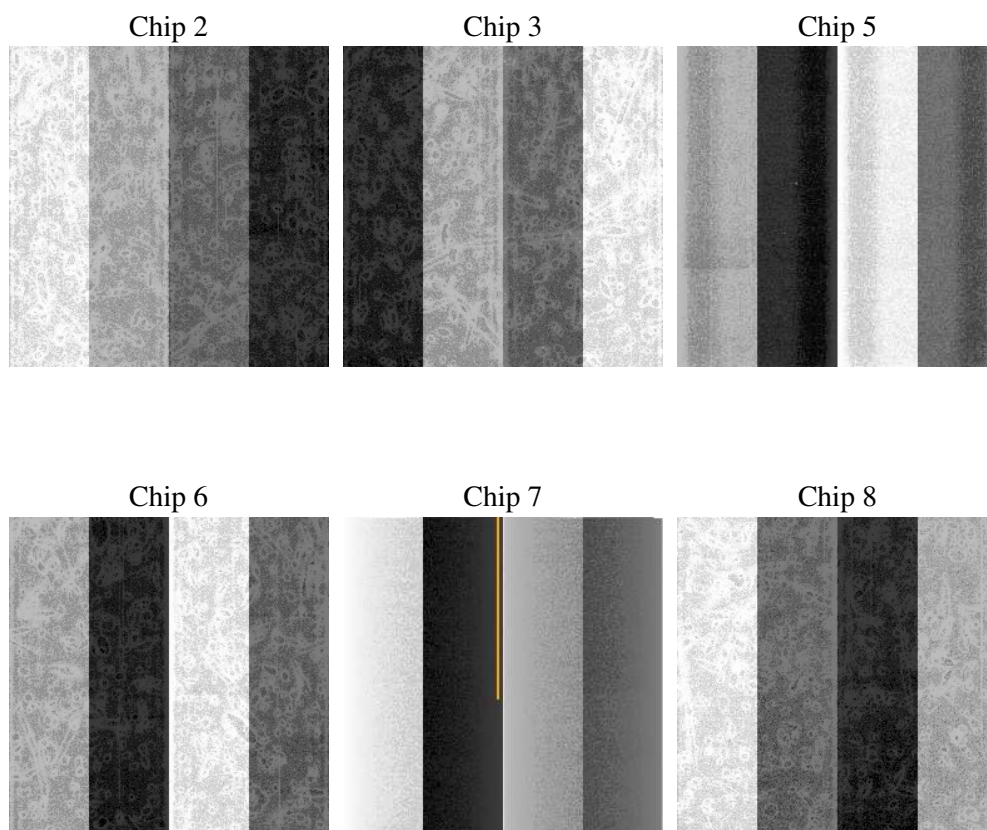
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-11-04T10:08:31
revision	2

sched_exp_time	2000.000000
ontime	1944.5980349481
ontime2	1944.5980050415
ontime3	1944.5980050415
ontime5	1944.5980349481
ontime6	1944.5980050415
ontime7	1944.5980349481
ontime8	1944.5980050415
l1events	81270

2.1.4 Events

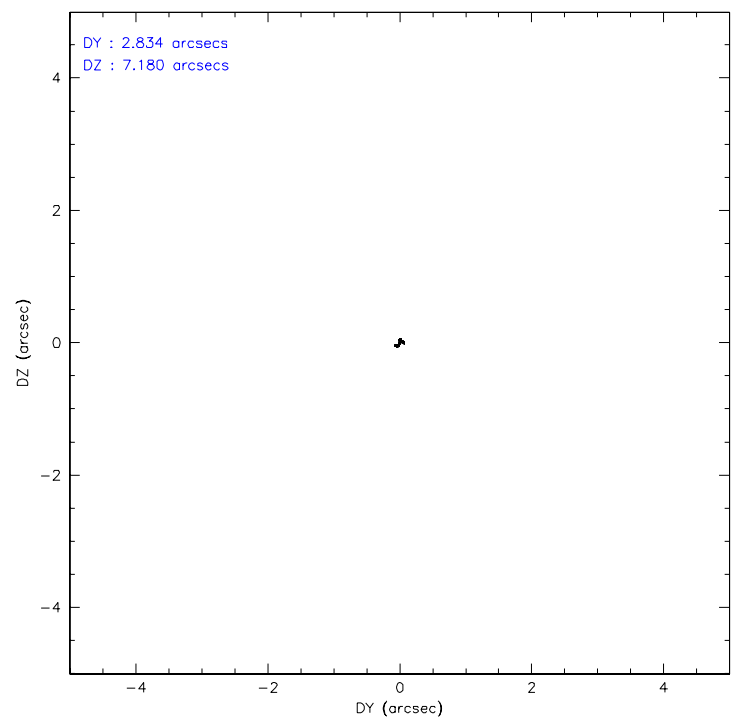
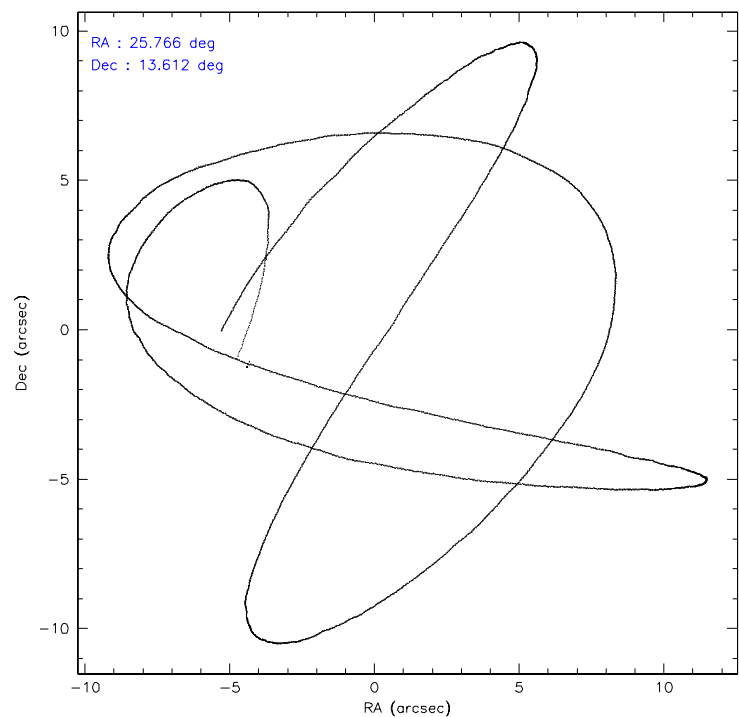
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	10693	11679	17241	11174	14873	15610
rejected events	9374	10330	9253	9719	9126	11881
rejected %	87%	88%	53%	86%	61%	76%

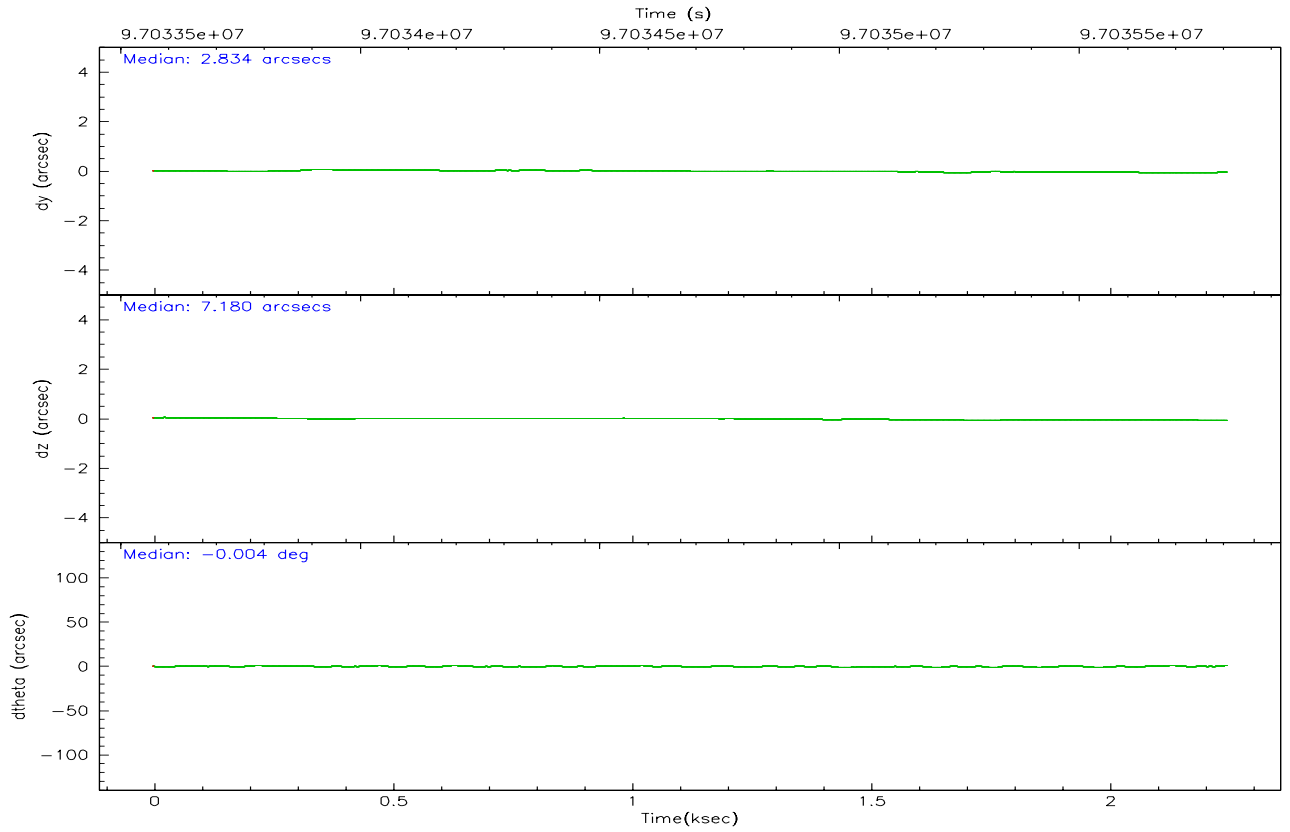
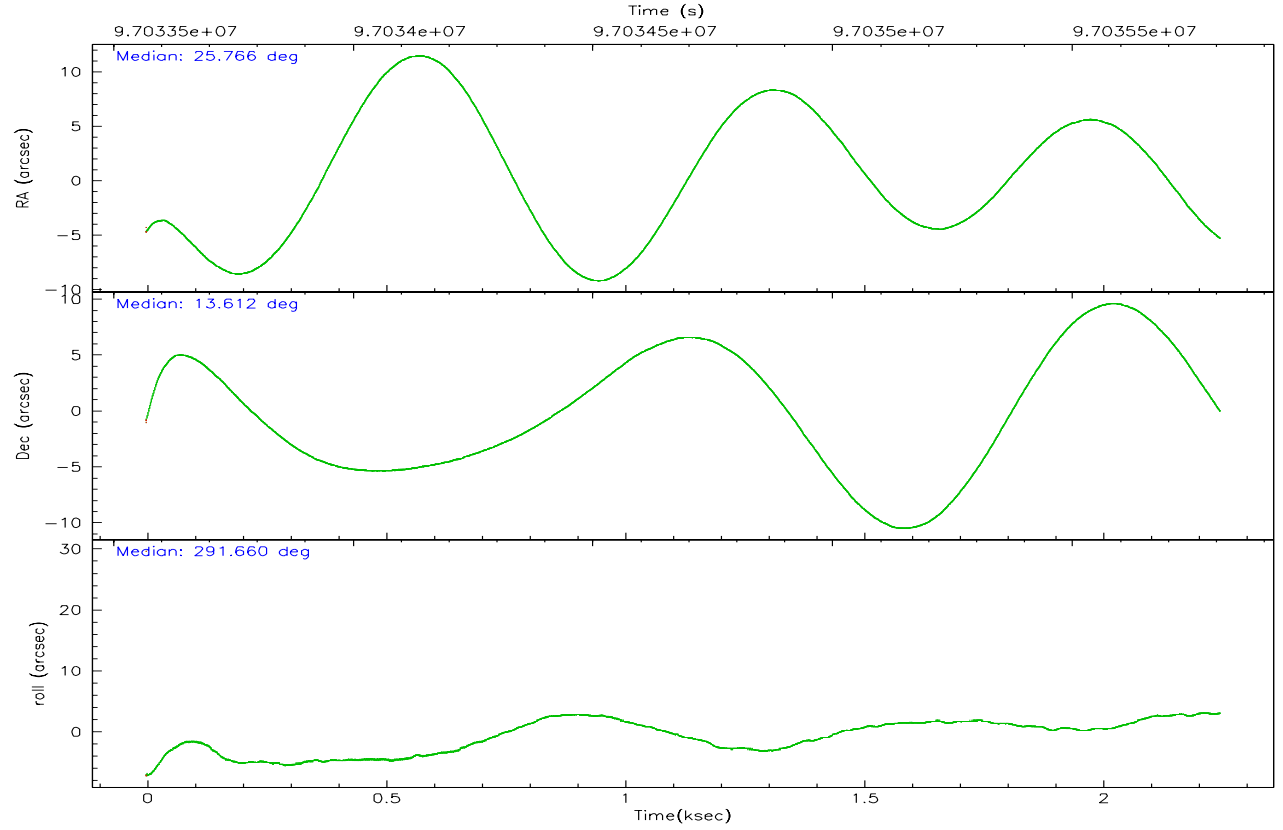
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	567	597	1540	612	418	1293
	5%	5%	8%	5%	2%	8%
grade 1 events	9	2	55	11	11	8
	0%	0%	0%	0%	0%	0%
grade 2 events	309	291	2153	301	1468	709
	2%	2%	12%	2%	9%	4%
grade 3 events	115	105	221	137	316	476
	1%	0%	1%	1%	2%	3%
grade 4 events	123	115	151	139	313	435
	1%	0%	0%	1%	2%	2%
grade 5 events	383	424	774	487	996	592
	3%	3%	4%	4%	6%	3%
grade 6 events	205	243	3947	270	3258	824
	1%	2%	22%	2%	21%	5%
grade 7 events	8982	9902	8400	9217	8093	11273
	83%	84%	48%	82%	54%	72%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	25.743805	25.76591411009621	Subarray requested	NONE	NONE
Pointing Dec	13.628734	13.612112971523	Alternating exposures requested	N	N
Pointing Roll	291.516846	291.6682269625578	Primary exposure time	0.000000	3.2
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	97033812.184000	97032805.57856099			
Observation start date	2001-01-28T01:49:08	2001-01-28T01:33:25			
Observation end time	97035812.184000	97036123.50368799			
Observation end date	2001-01-28T02:22:28	2001-01-28T02:28:43			
Read mode	TIMED	TIMED			

2.3 Aspect



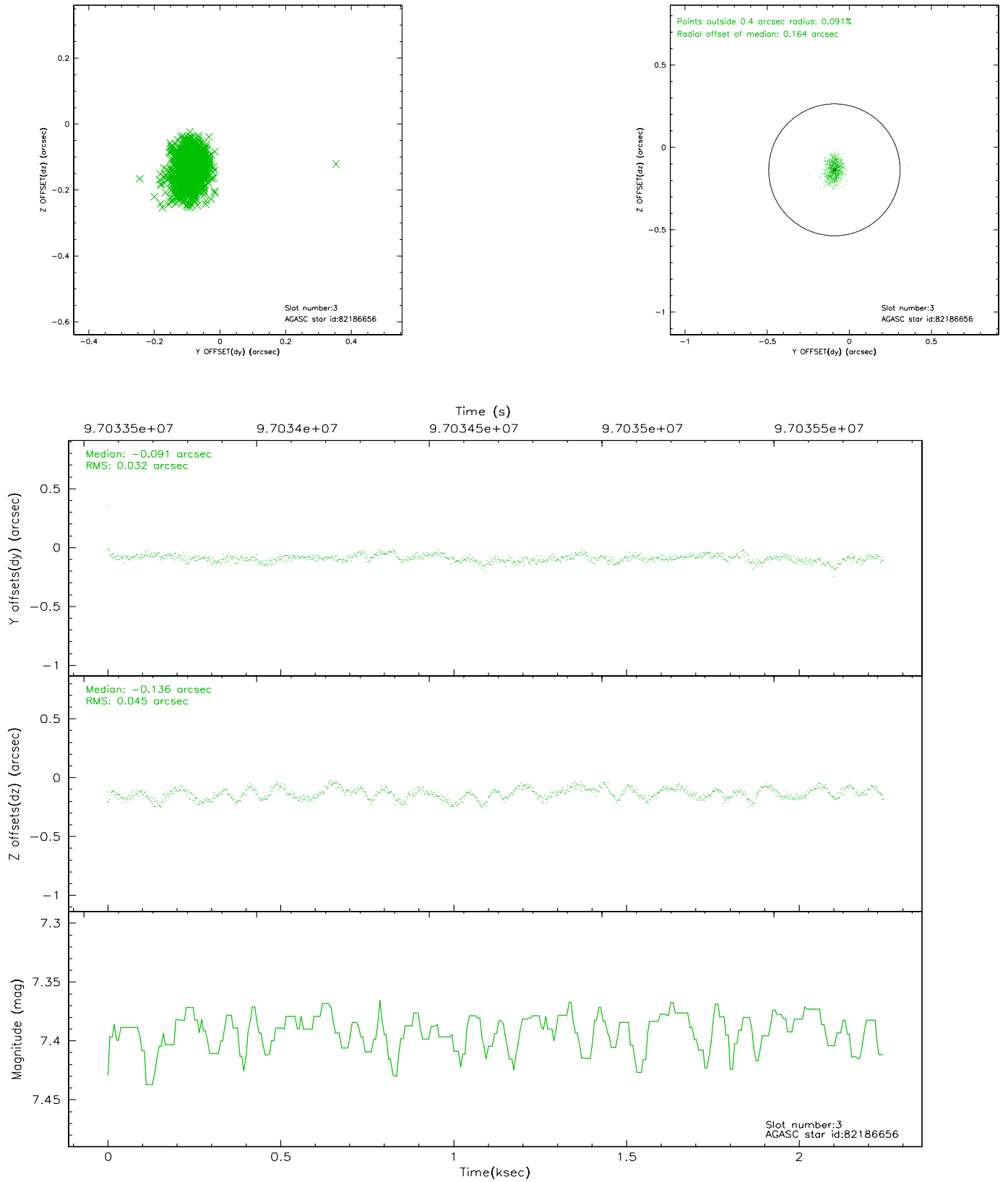


Slot Statistics

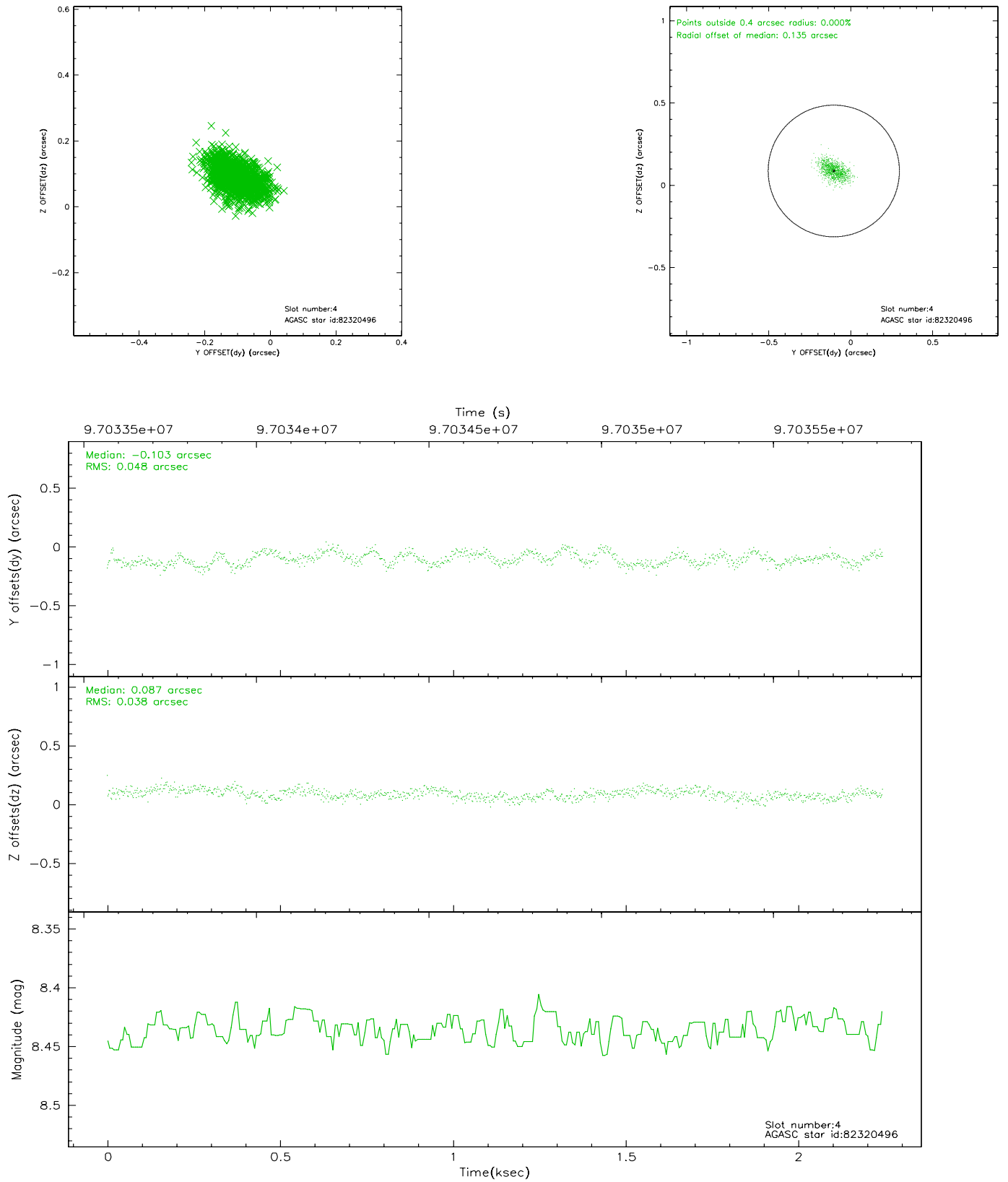
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	549	0.015	0.037	0.007	0.012	0.000000	0.000000	-755.46	-1728.25
1	FID	ACIS-S-4	7.20	549	-0.109	-0.017	0.005	0.009	0.000000	0.000000	2156.39	177.18
2	FID	ACIS-S-5	7.24	549	0.064	-0.011	0.007	0.011	0.000000	0.000000	-1804.52	174.16
3	GUIDE	82186656	7.39	1097	-0.091	-0.136	0.058	0.093	25.268579	13.773450	-1094.07	-1354.17
4	GUIDE	82320496	8.44	1097	-0.103	0.087	0.066	0.105	26.104669	14.056528	-971.37	1736.57
5	GUIDE	82189408	8.87	1097	-0.003	-0.050	0.072	0.121	25.276758	13.237916	707.95	-2036.20
6	GUIDE	82319672	9.05	1097	0.055	0.069	0.077	0.123	25.615508	13.734038	-515.19	-279.90
7	GUIDE	82320864	9.60	1095	0.139	0.029	0.097	0.159	25.985283	13.465729	856.56	571.61

2.4 Star Slots

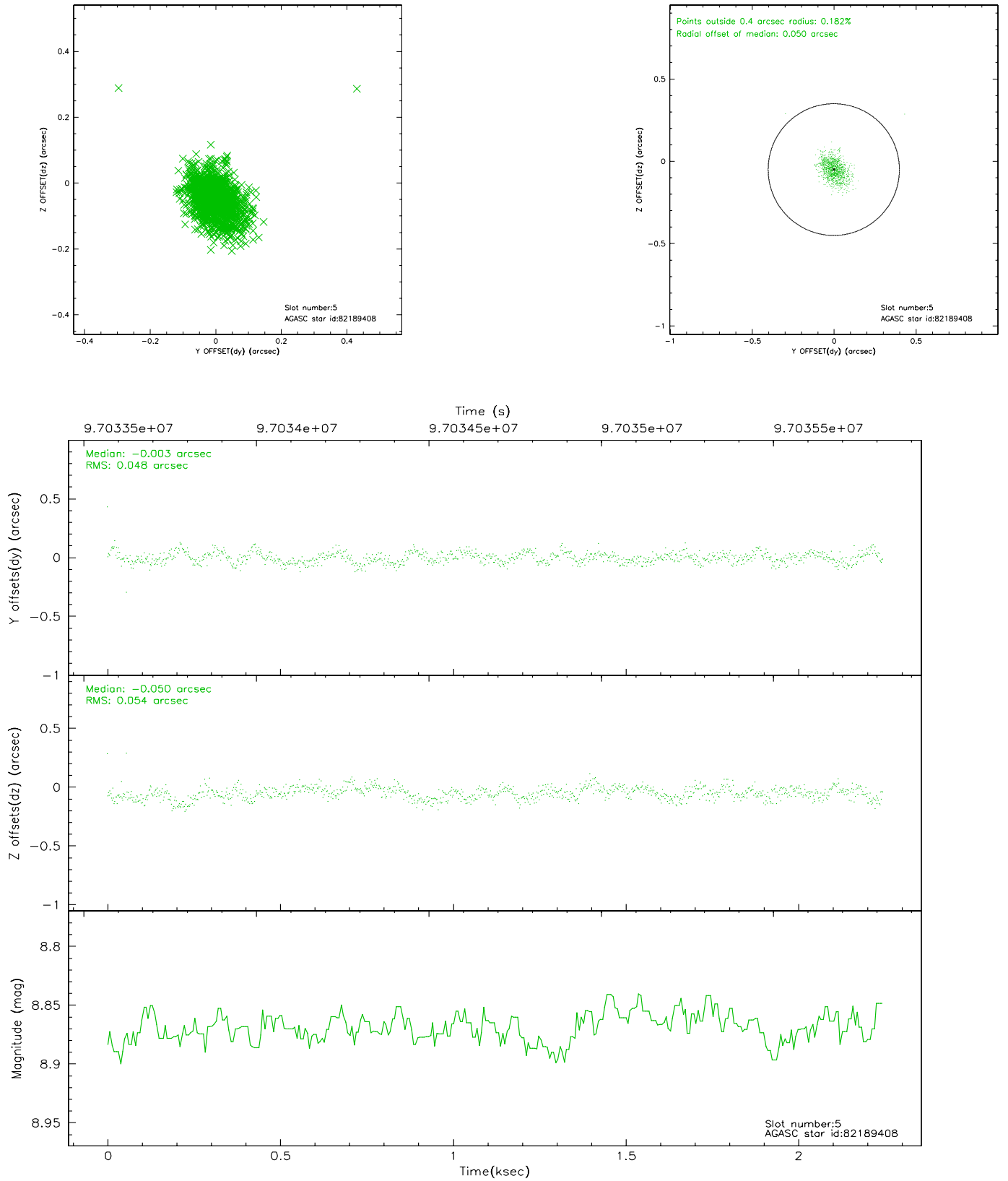
2.4.1 Slot 3



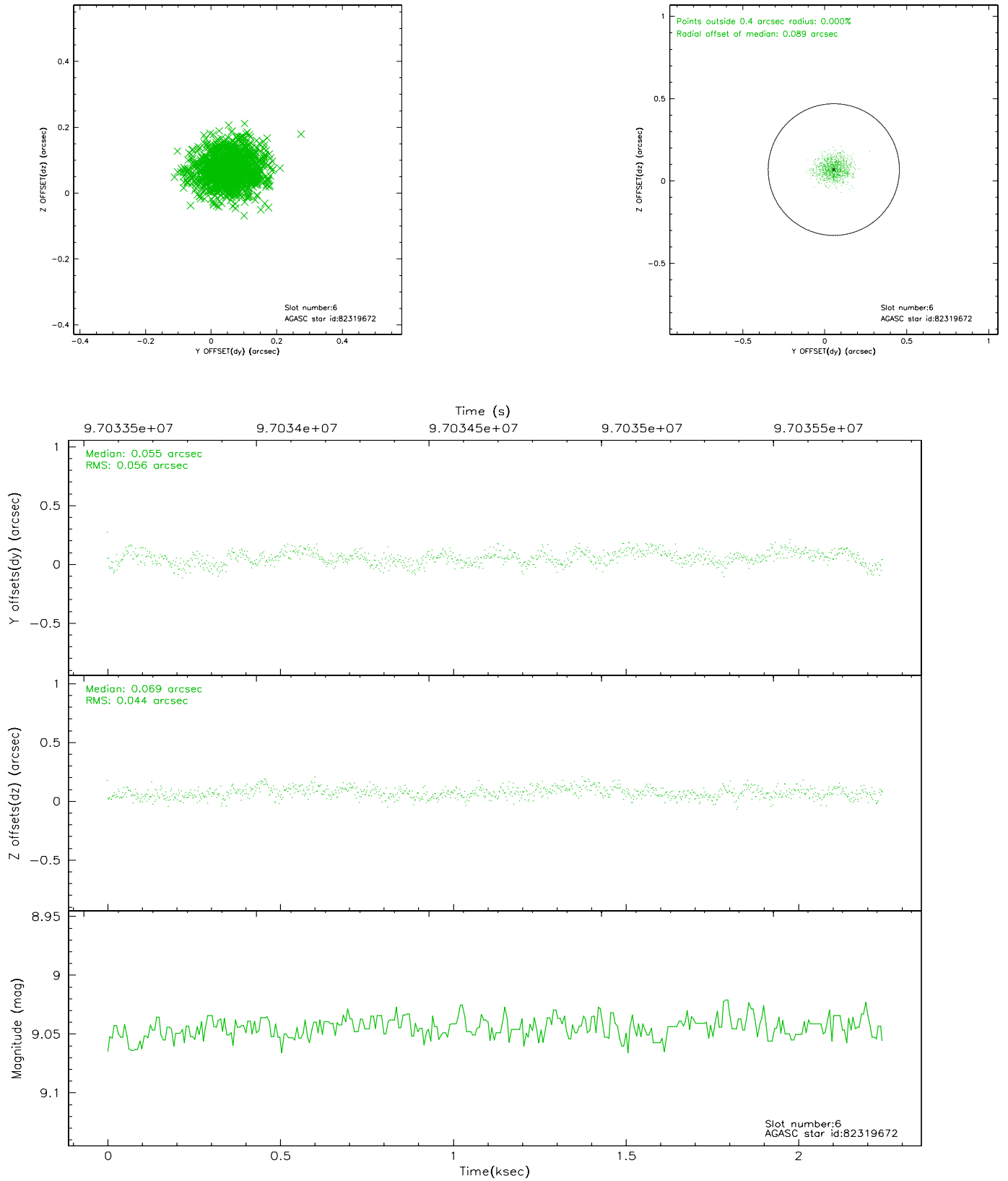
2.4.2 Slot 4



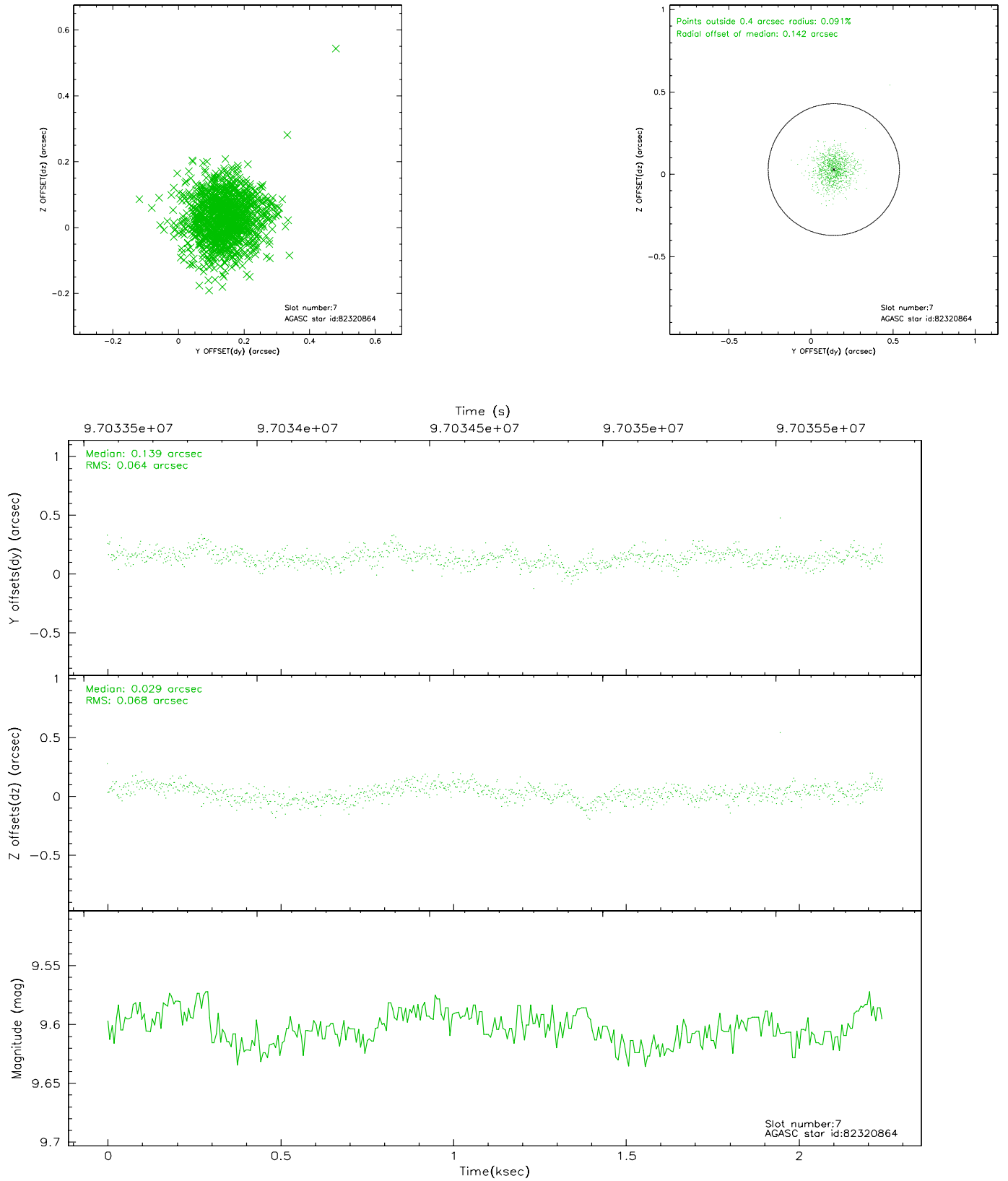
2.4.3 Slot 5



2.4.4 Slot 6

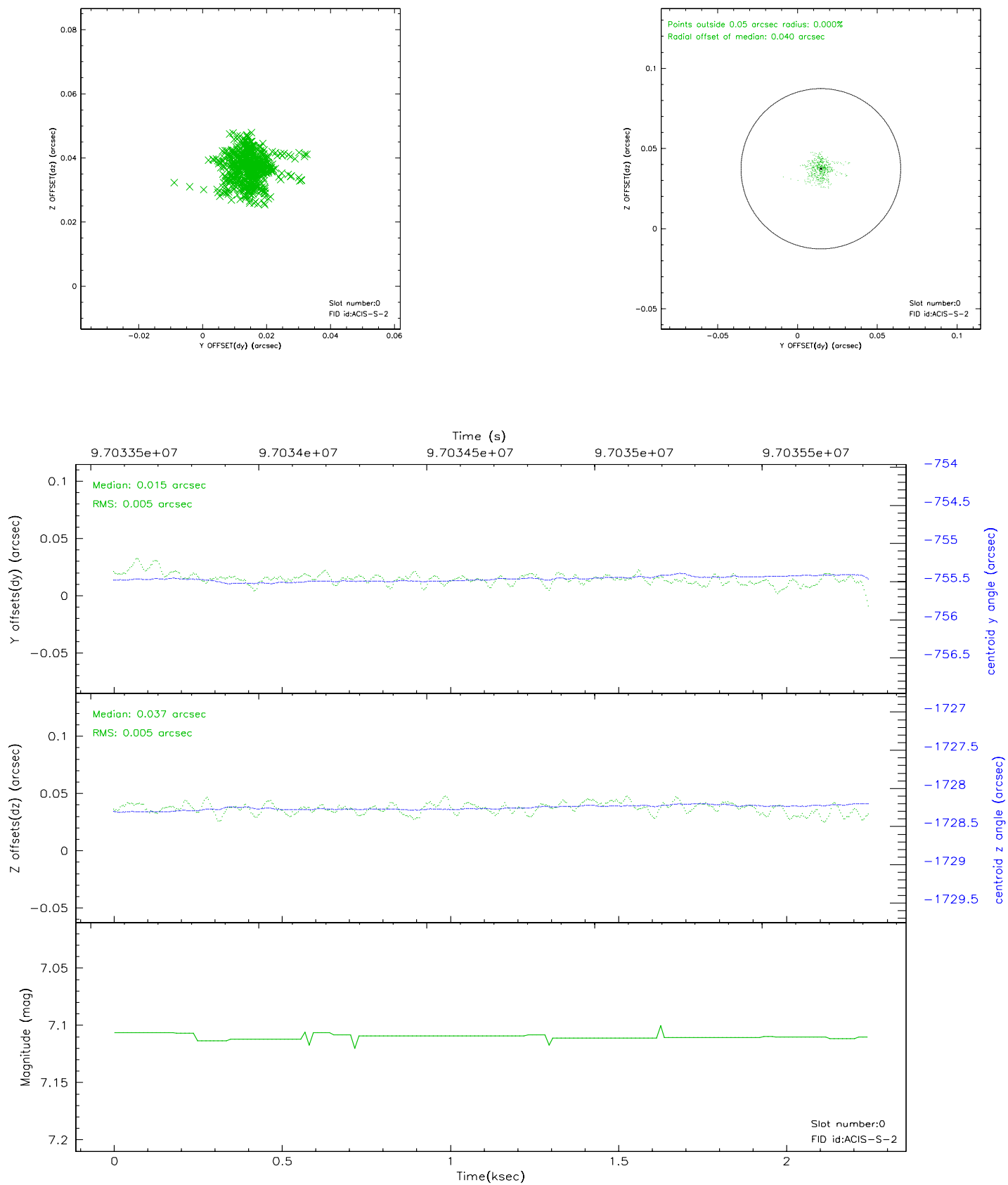


2.4.5 Slot 7

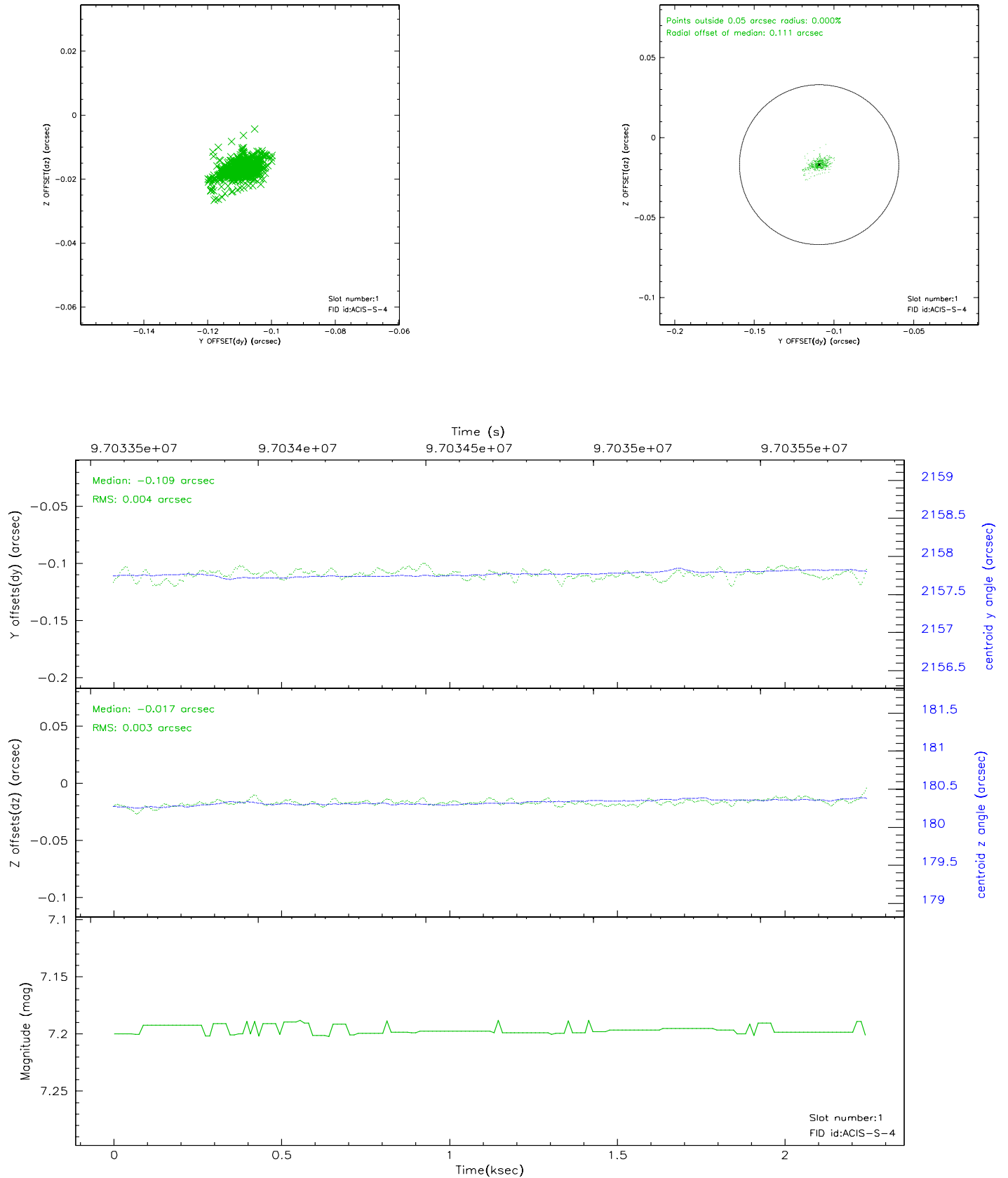


2.5 FID Slots

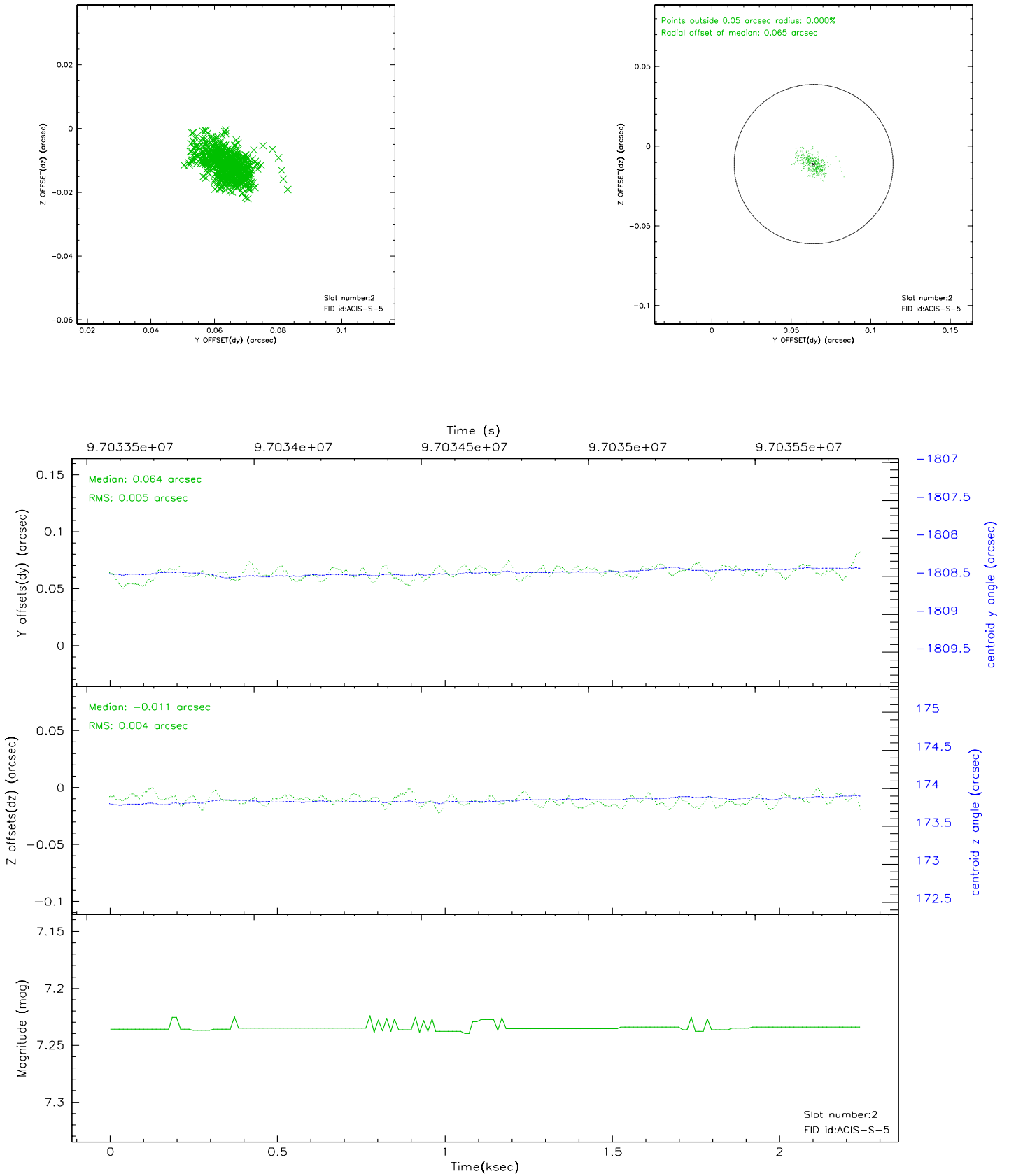
2.5.1 Slot 0



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)	2006.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.942

A.2 Comments