

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 988 - L2 Version 001
Chandra X-Ray Center

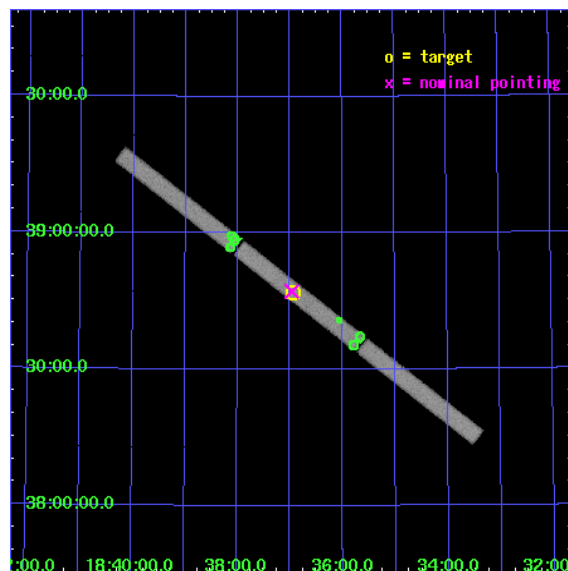
L2 Processing Date : Nov 6 2006

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1 Front

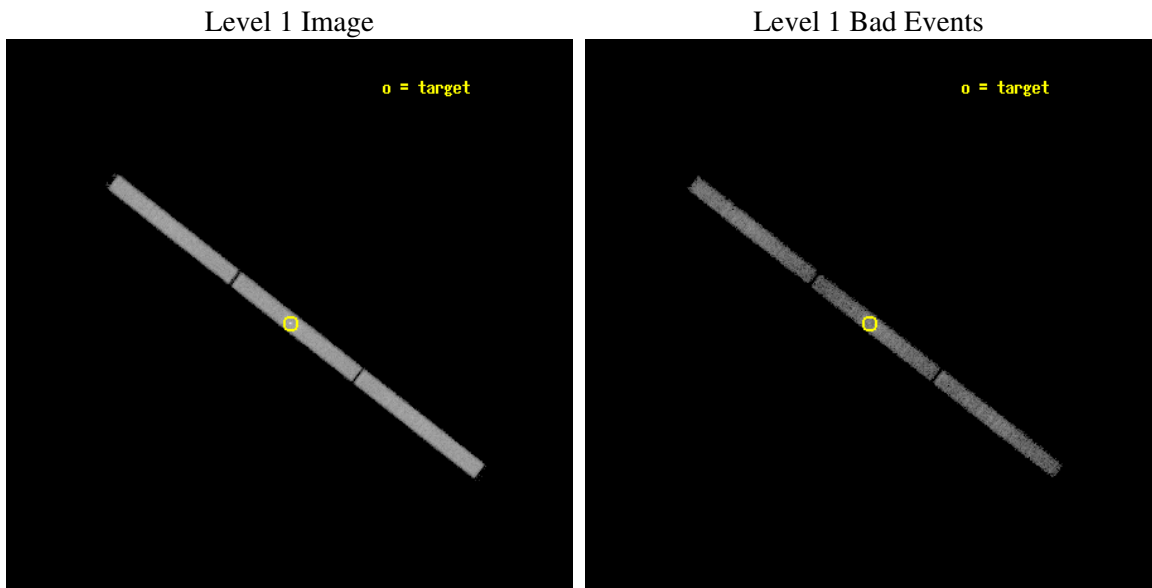
seq_num	290069
obs_id	988
title	CALIBRATION OBSERVATIONS OF VEGA TO MONITOR THE TRANSMISSION OF THE OPTICAL/UV FILTERS ON ACIS AND HRC
observer	Dr. CXC Calibration
object	VEGA, HRC-S, AO2
ra_targ	279.234792
dec_targ	38.783778
ra_nom	279.24023378892
dec_nom	38.786349925263
roll_nom	37.885729536659
revision	4
ontime	2353.6563406289
livetime	2340.9018237311
l2events	94070



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-11-06T11:21:59
revision	3

sched_exp_time	2500.000000
ontime	2684.7313533872
l1events	153608

2.1.3 Events

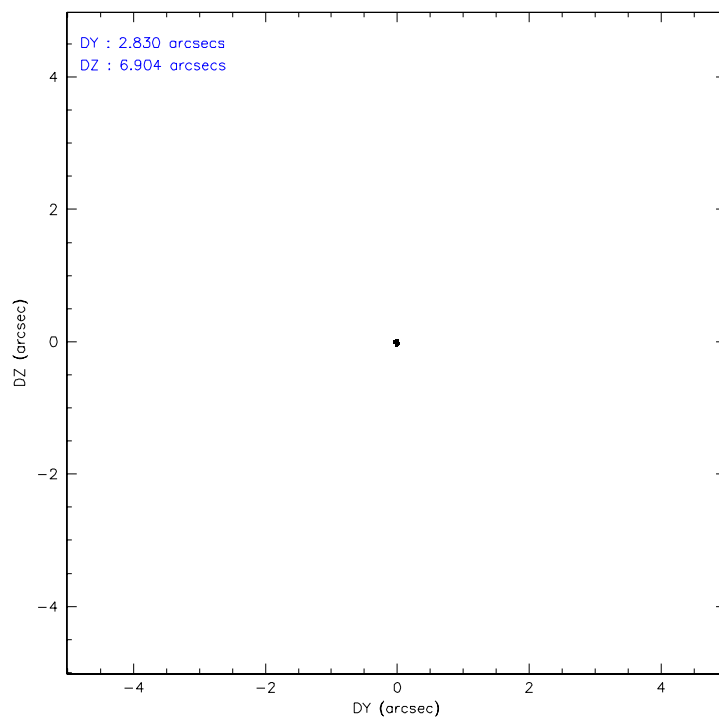
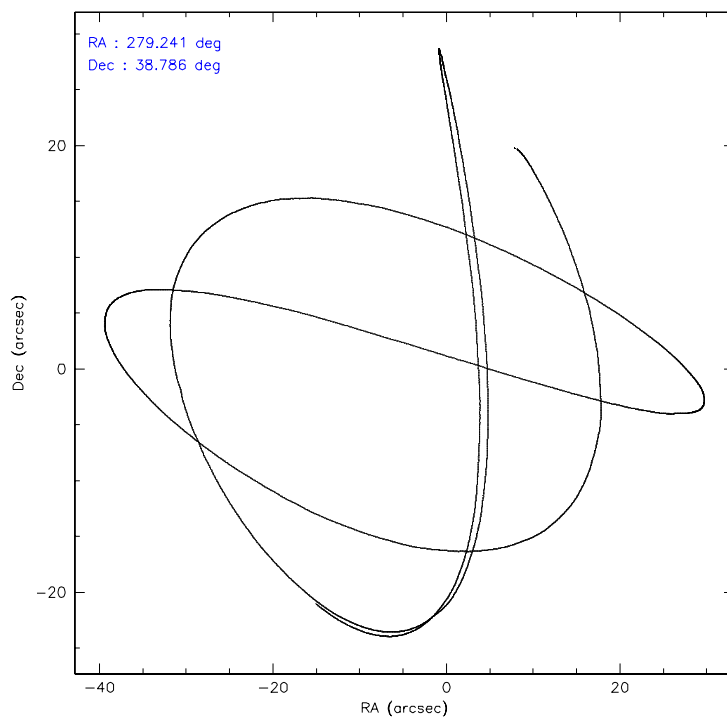
Level 1 Events

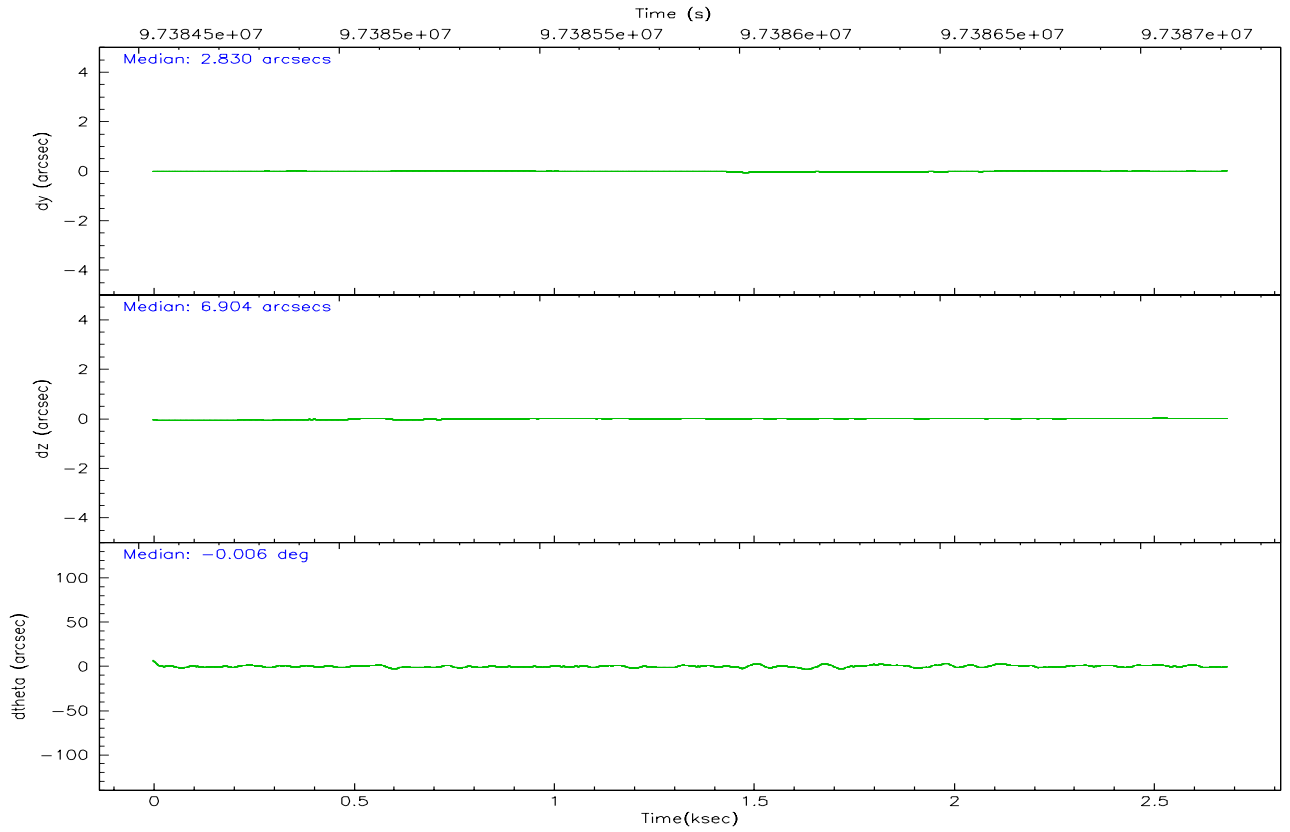
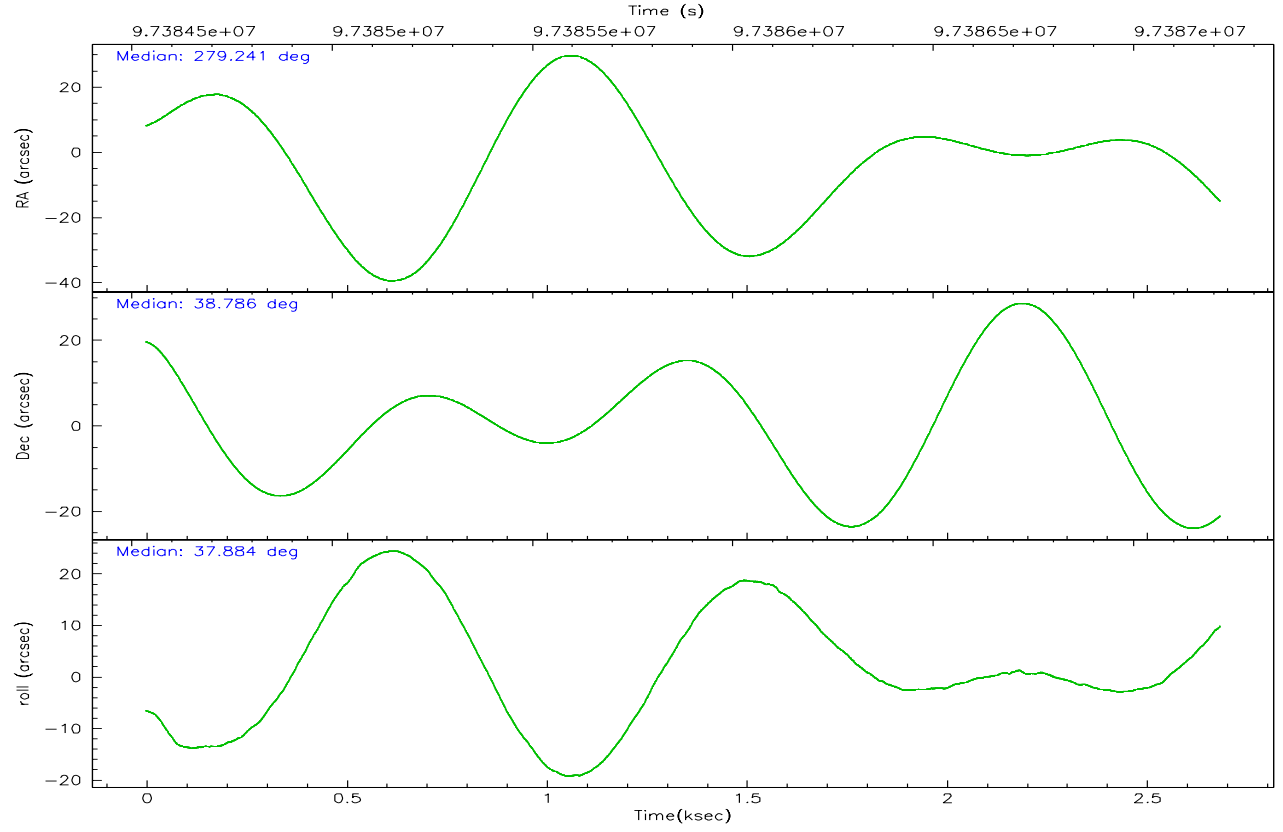
	segment 1	segment 2	segment 3
level 1 events	51587	51094	50927
rejected events	14047	16273	16733
rejected %	27%	31%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	279.227524	279.240233788917			
Pointing Dec	38.759541	38.78634992526297			
Pointing Roll	37.826366	37.885729536659			
Window start time	97372864.184000	97372864.184000			
Window stop time	99705664.184000	99705664.184000			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	97384719.184000	97384347.279596			
Observation start date	2001-02-01T03:17:35	2001-02-01T03:12:27			
Observation end time	97387219.184000	97387353.09221201			
Observation end date	2001-02-01T03:59:15	2001-02-01T04:02:33			

2.3 Aspect



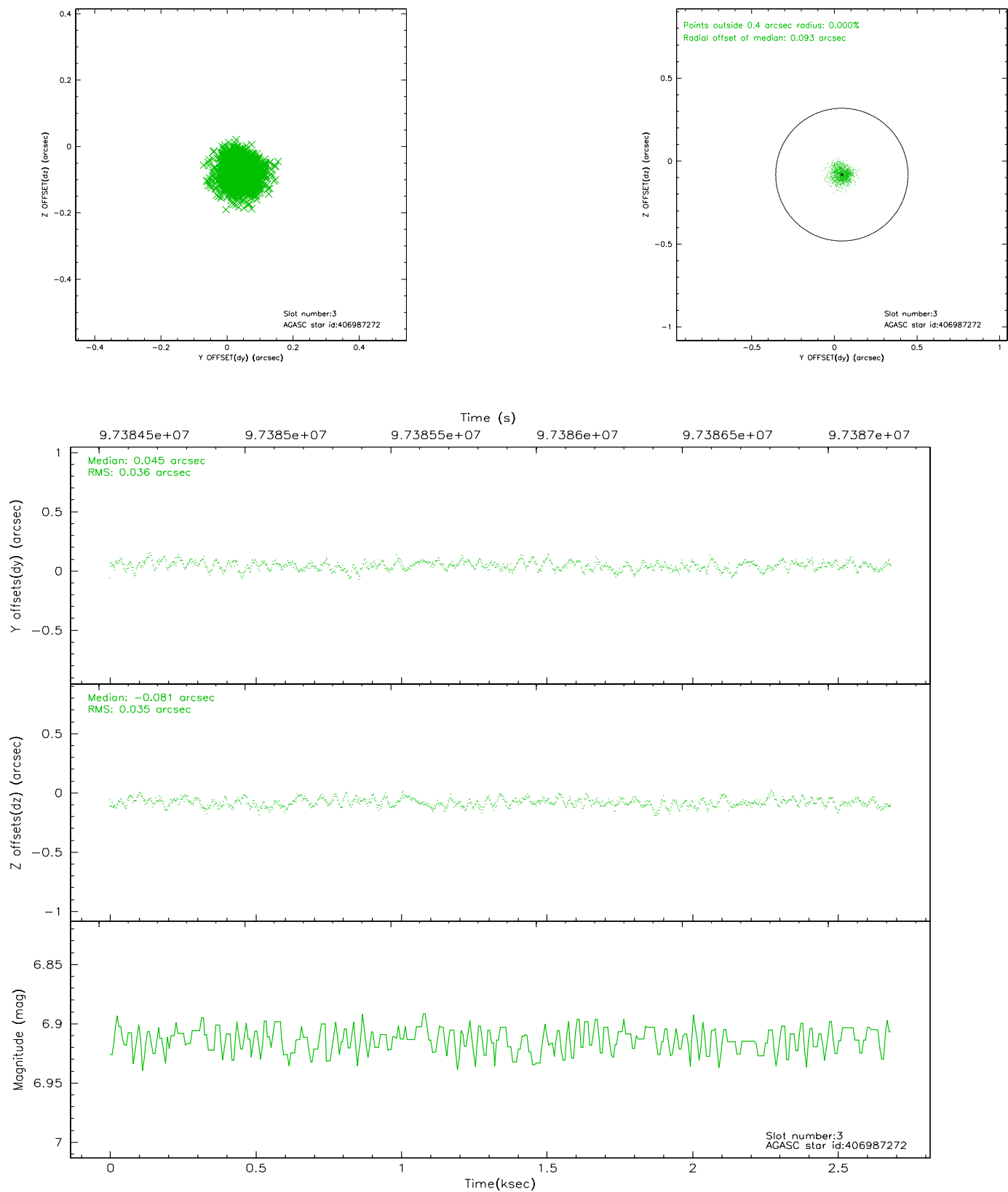


Slot Statistics

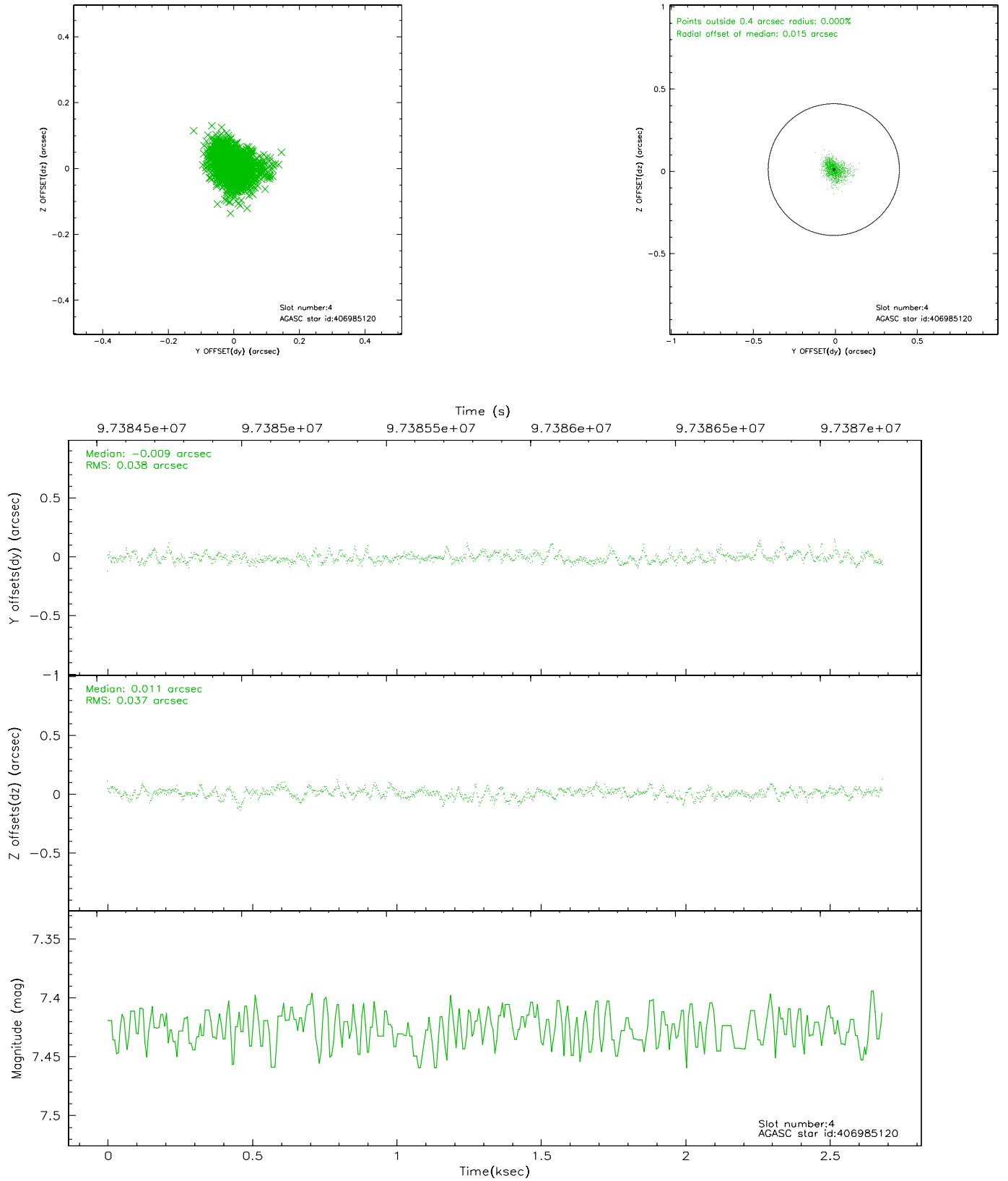
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	655	0.094	-0.092	0.006	0.010	0.000000	0.000000	-1156.88	-455.46
1	FID	HRC-S-3	6.99	655	0.156	-0.121	0.008	0.012	0.000000	0.000000	-1161.35	573.34
2	FID	HRC-S-4	6.93	655	0.138	-0.085	0.005	0.010	0.000000	0.000000	1239.61	577.61
3	GUIDE	406987272	6.91	1311	0.045	-0.081	0.055	0.085	278.536588	38.437504	-2245.82	285.92
4	GUIDE	406985120	7.43	1311	-0.009	0.011	0.056	0.094	278.839732	38.894839	-560.33	1054.18
5	GUIDE	406993992	7.62	1311	-0.037	0.088	0.065	0.101	279.053714	38.034587	-1990.44	-1757.01
6	GUIDE	406989616	8.23	1311	0.058	0.010	0.061	0.098	279.202881	38.520843	-583.72	-636.45
7	GUIDE	407521232	8.66	1310	-0.056	-0.017	0.069	0.109	279.628883	39.431715	2366.06	1229.56

2.4 Star Slots

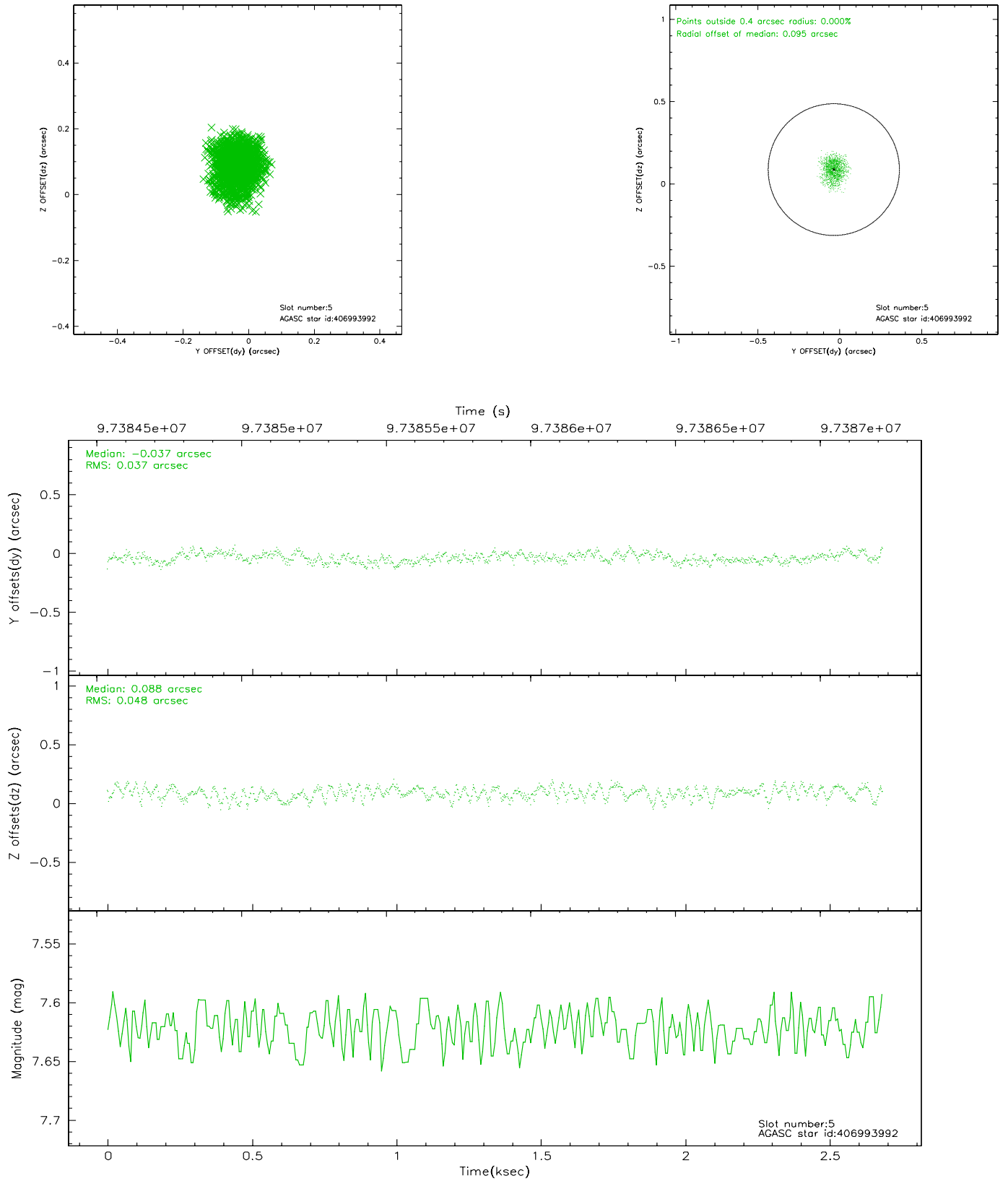
2.4.1 Slot 3



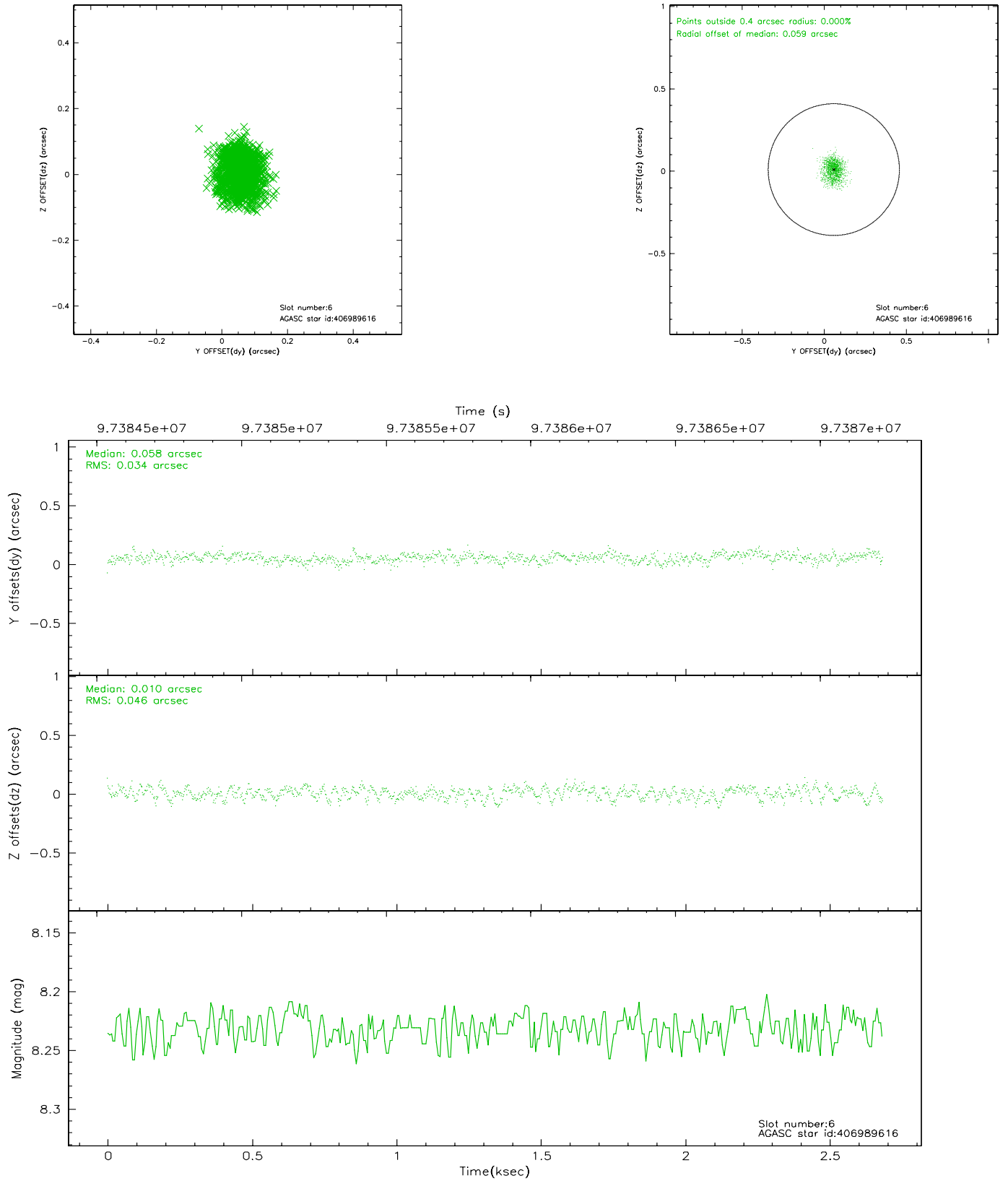
2.4.2 Slot 4



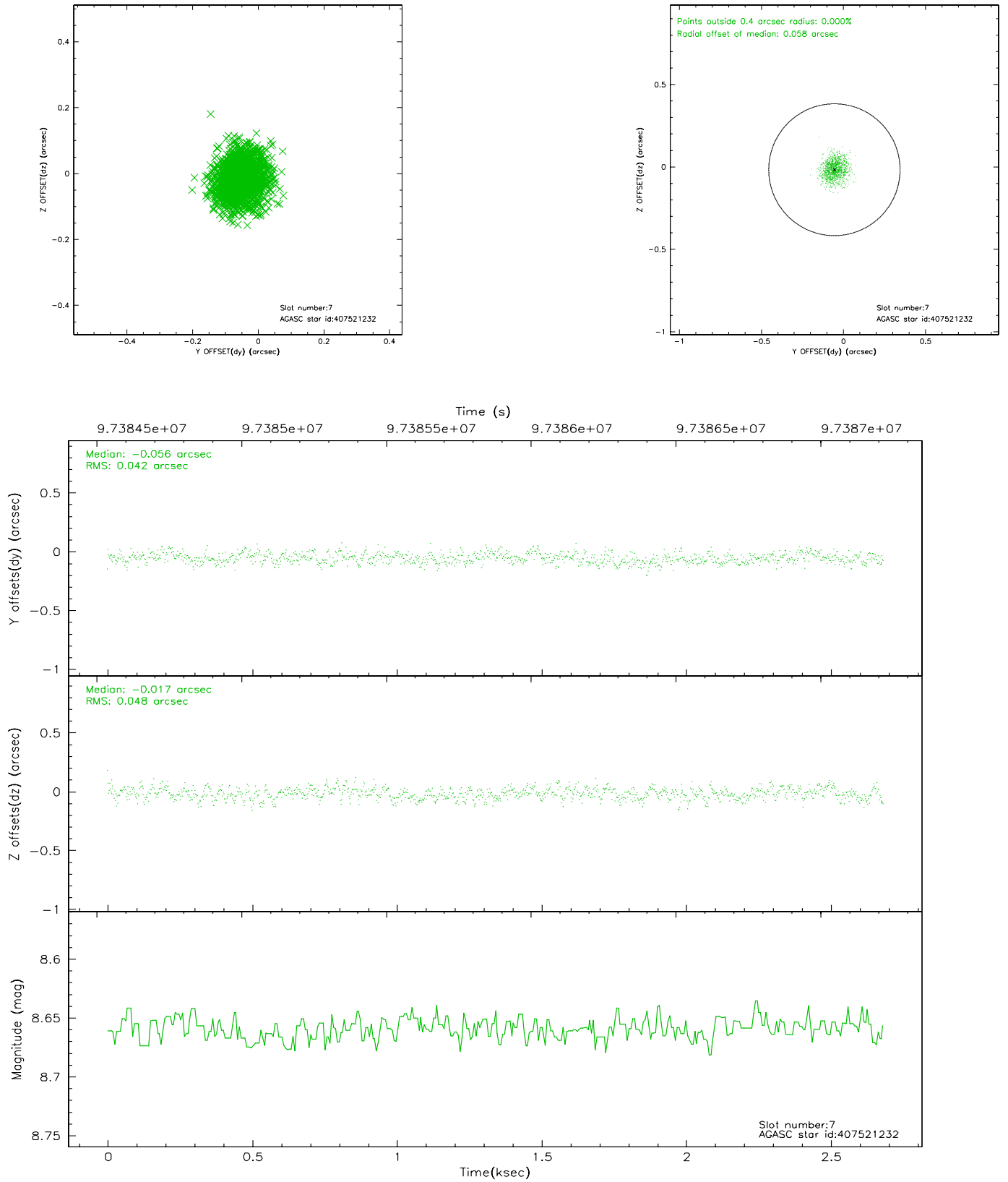
2.4.3 Slot 5



2.4.4 Slot 6

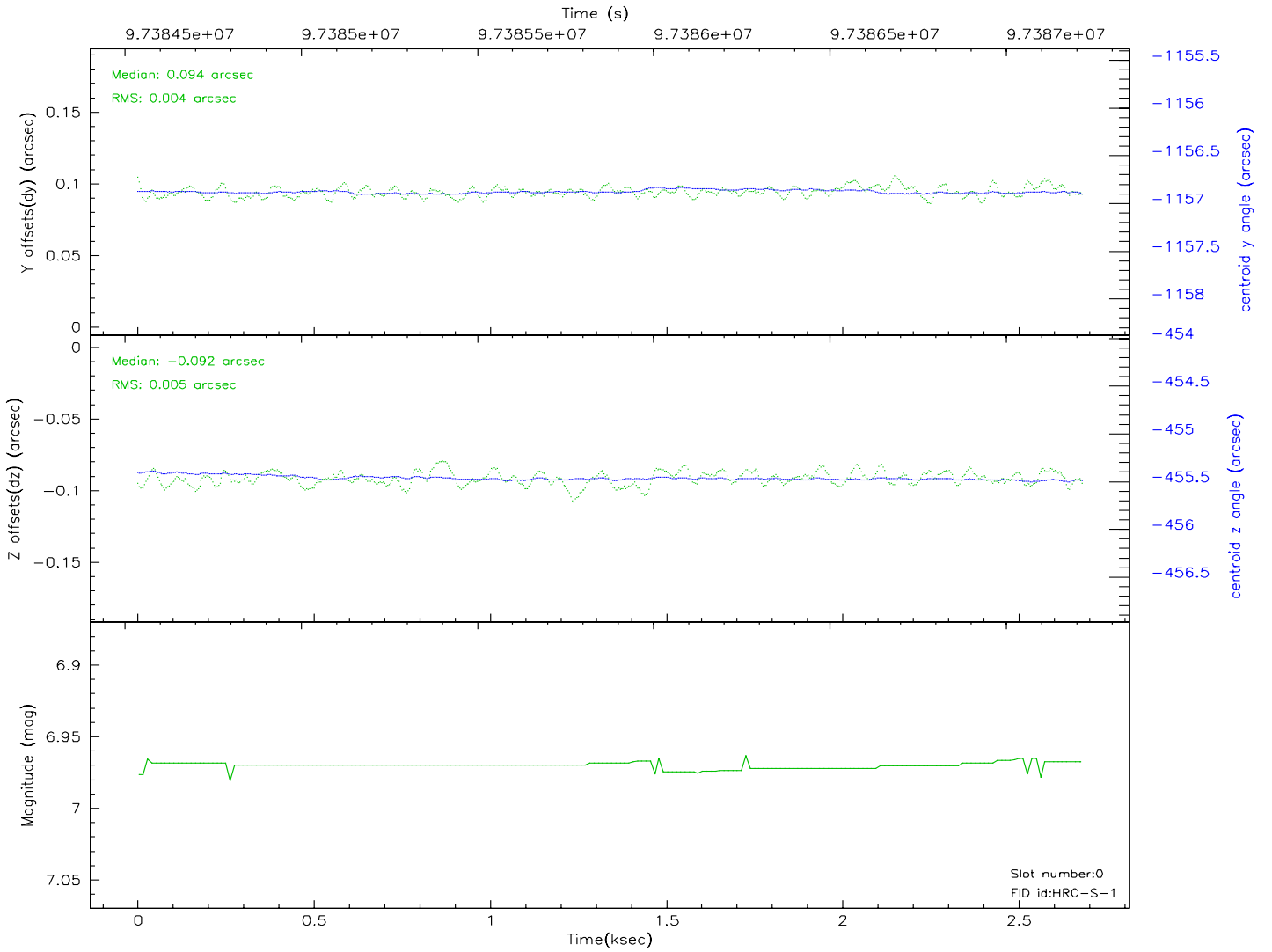
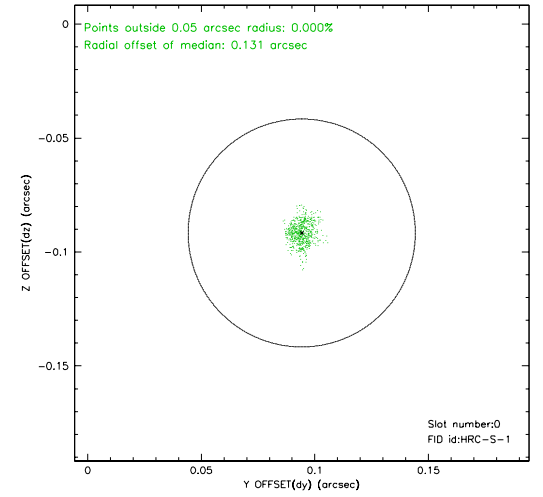
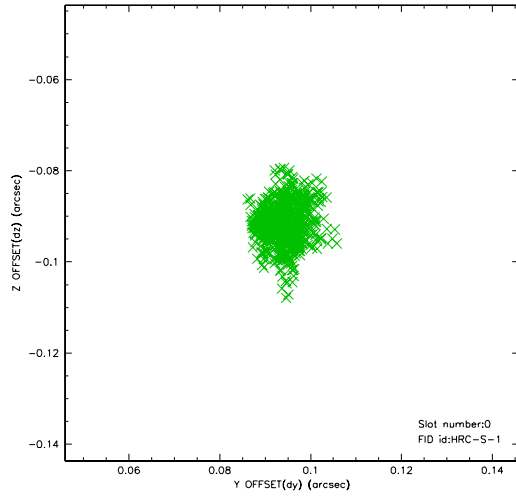


2.4.5 Slot 7

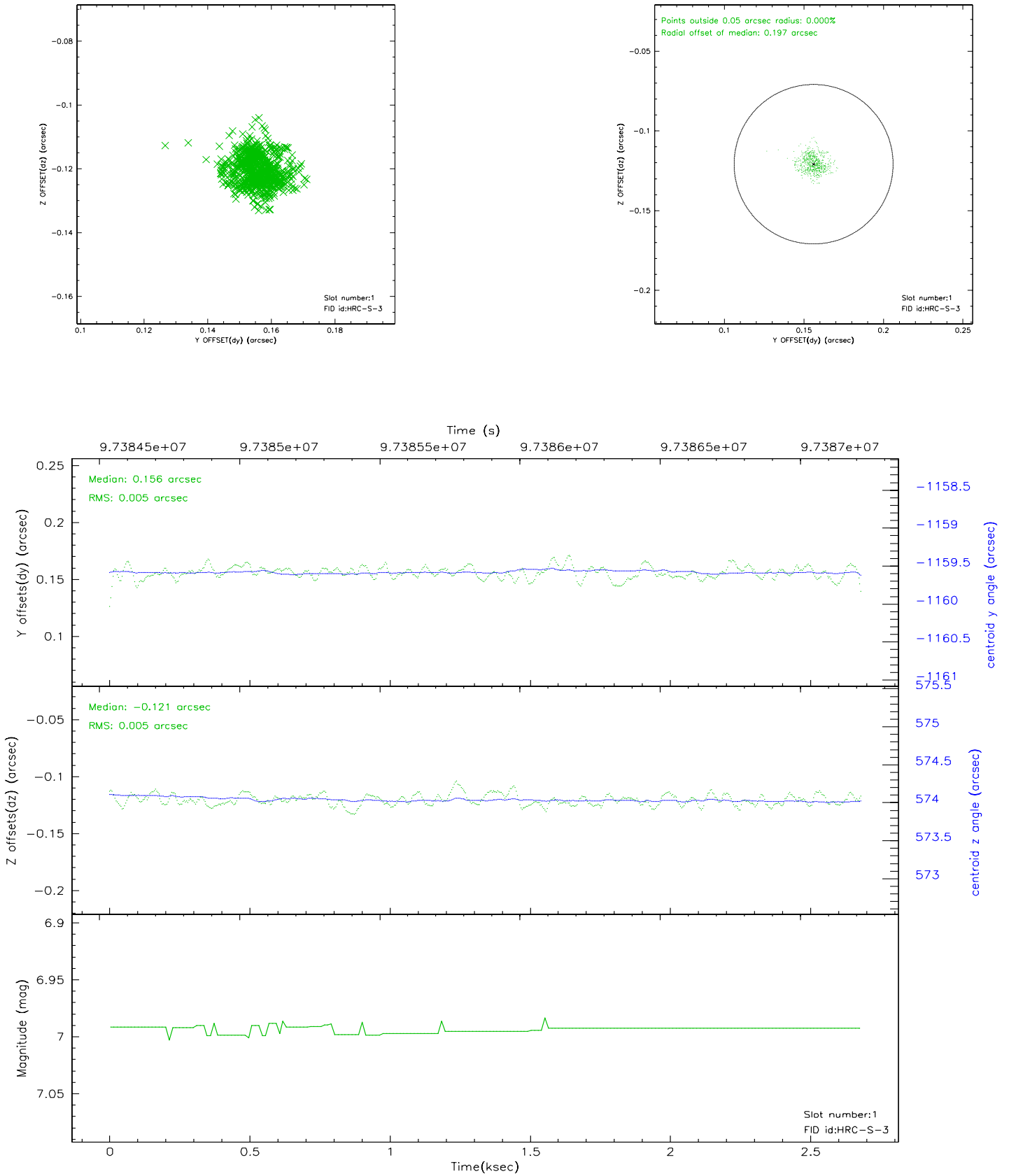


2.5 FID Slots

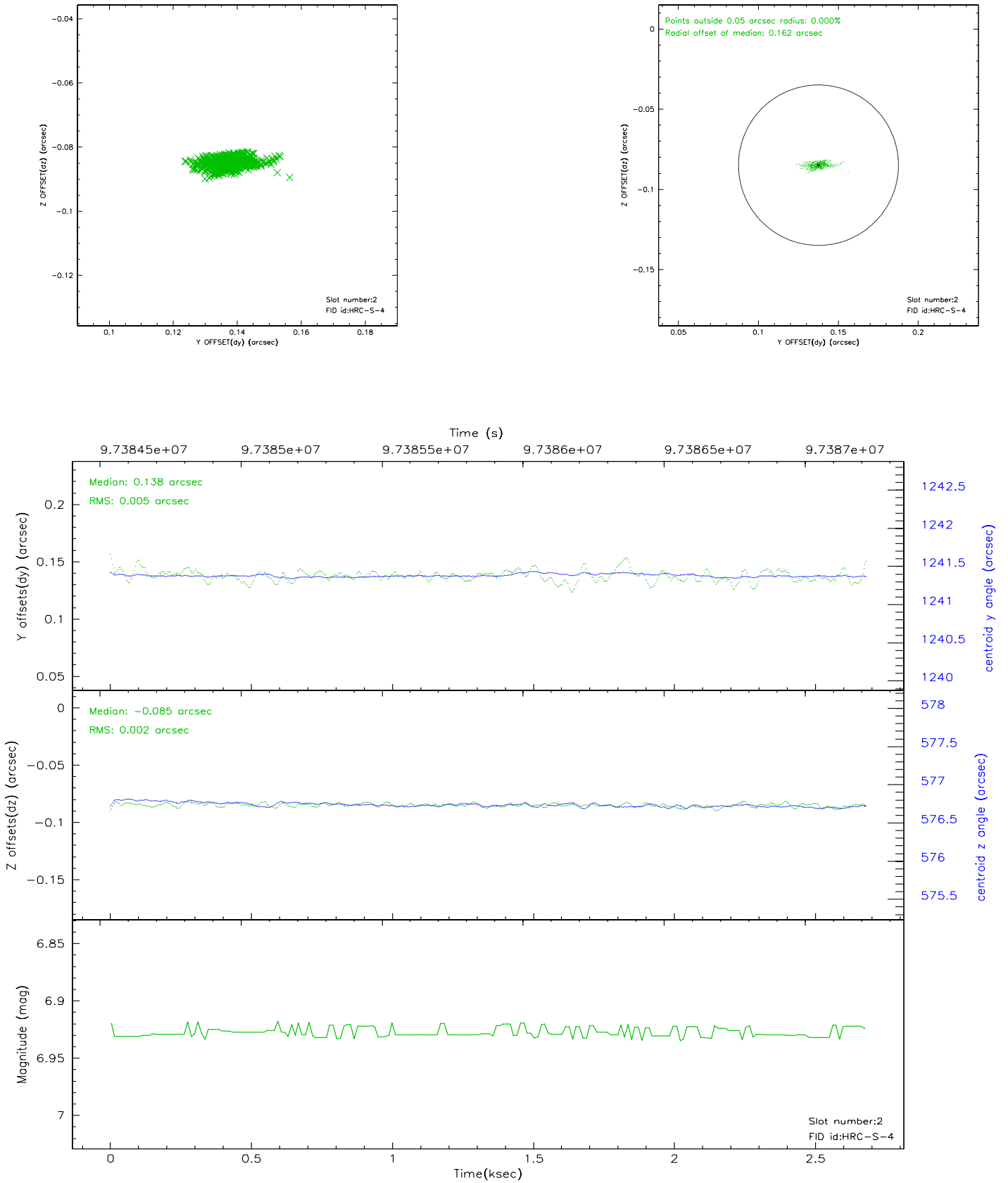
2.5.1 Slot 0



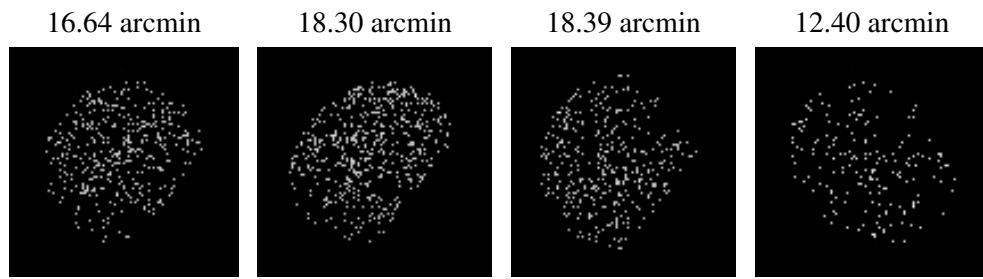
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.349

A.2 Comments

Charge time:

Charge time for this ObsId remains at previous value of 2.349 ks
although with the current processing the charge time would have been
2.353 ksec.

Window constraint met.