

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4344 - L2 Version 001
Chandra X-Ray Center

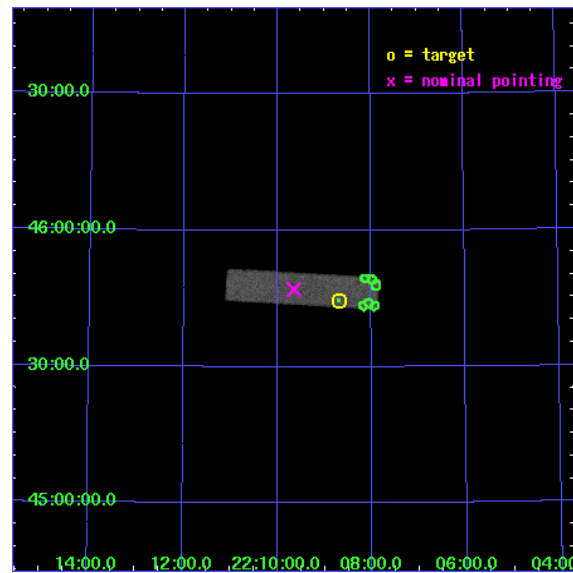
L2 Processing Date : Jul 27 2006

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1 Front

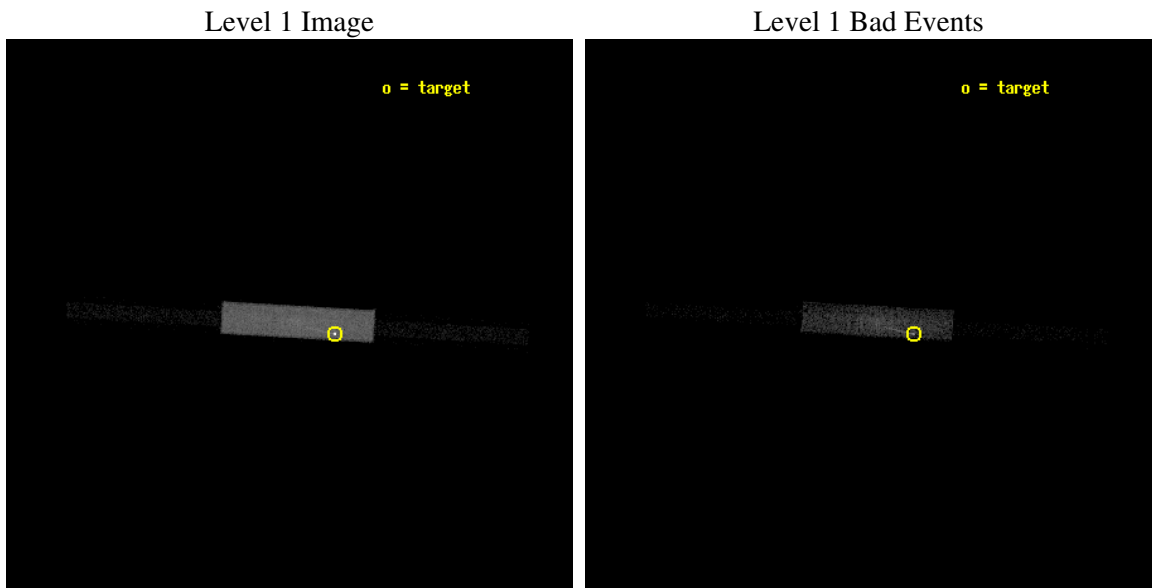
seq_num	290304
obs_id	4344
title	AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.41229939665
dec_nom	45.78465242299
roll_nom	3.264023024968
revision	2
ontime	1143.1312980354
livetime	1137.0606778229
l2events	40259



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-27T21:44:36
revision	2

sched_exp_time	1000.000000
ontime	1191.05005005
l1events	69066

2.1.3 Events

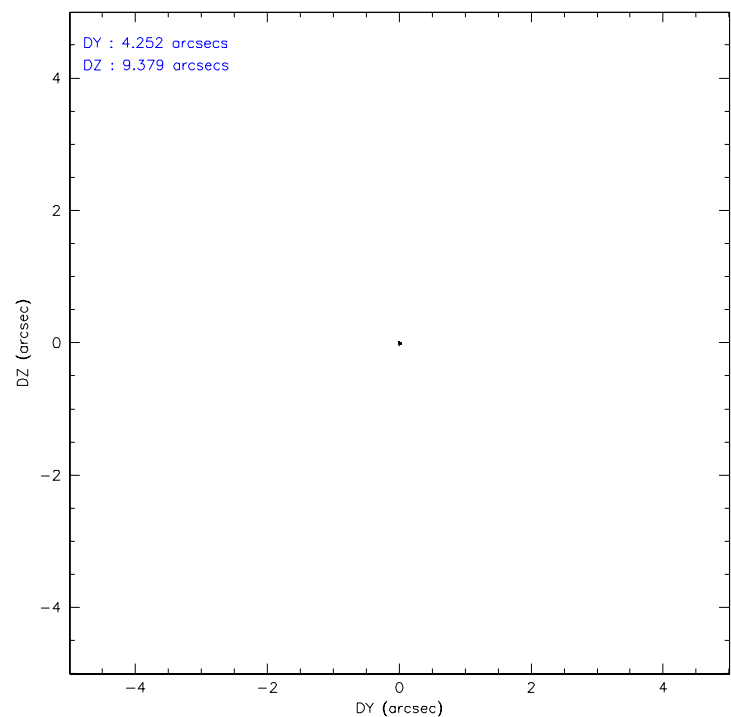
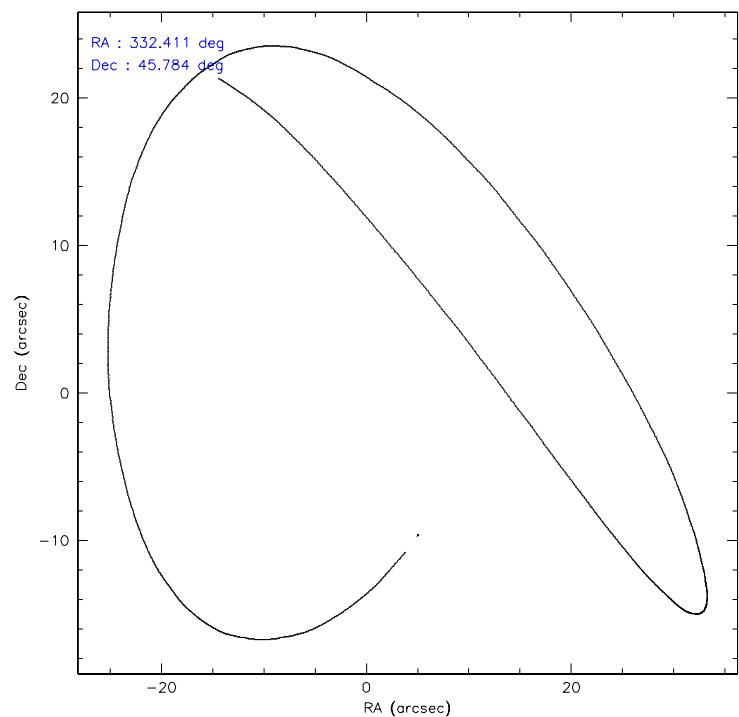
Level 1 Events

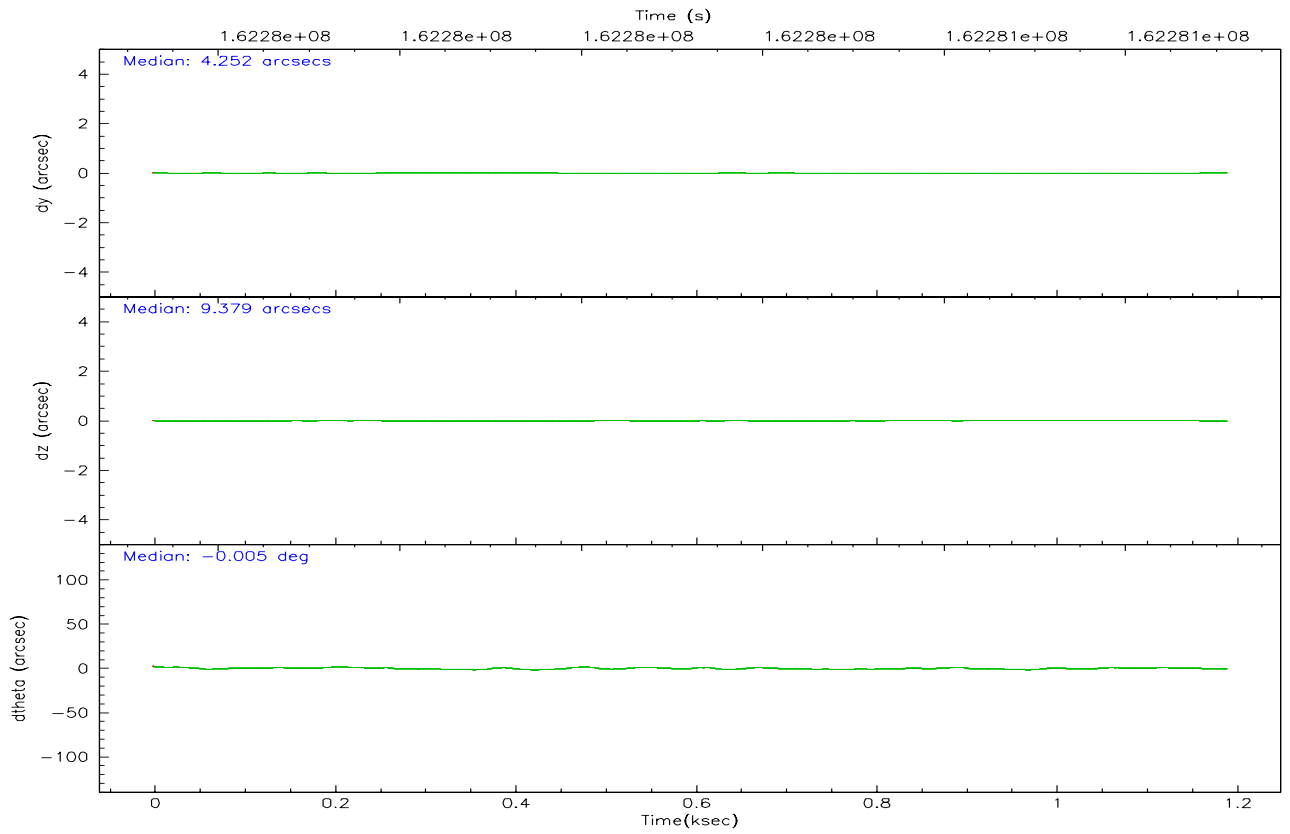
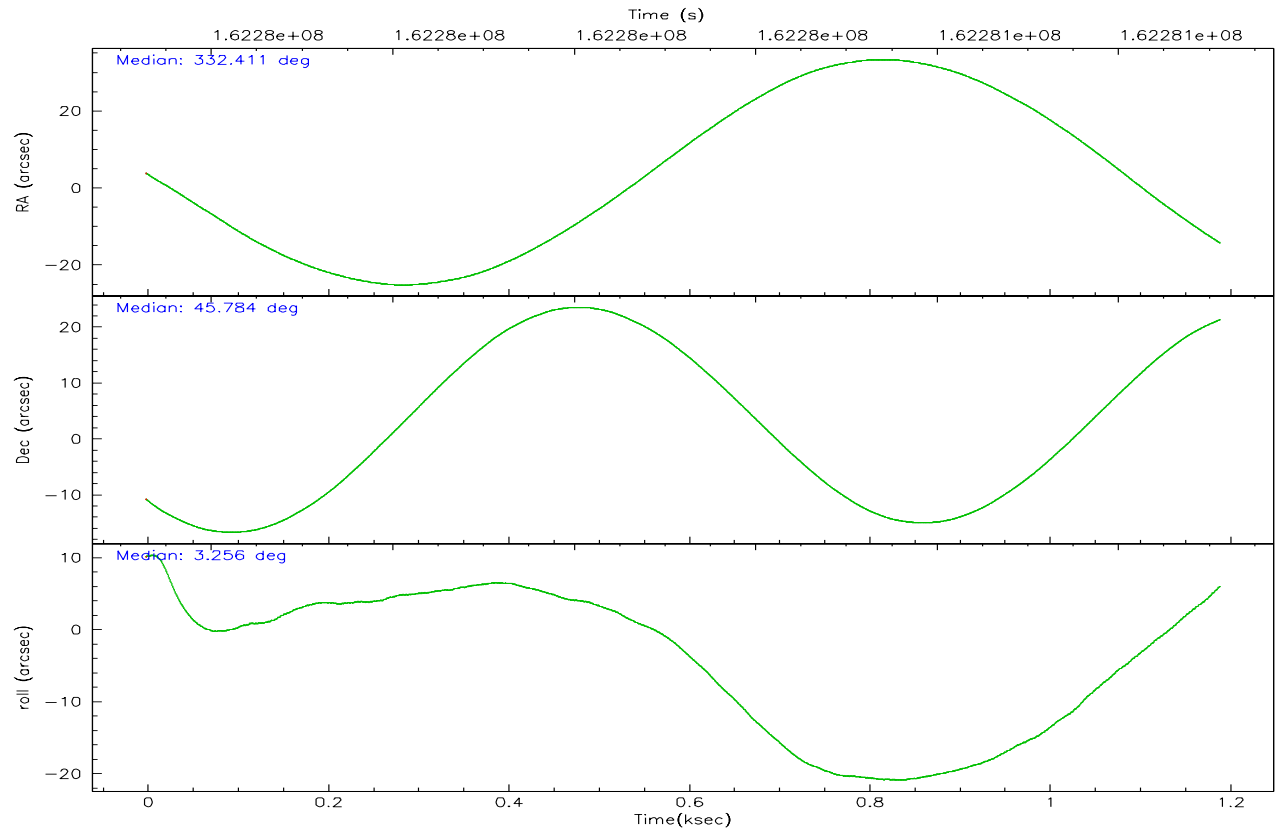
	segment 1	segment 2	segment 3
level 1 events	1122	66792	1152
rejected events	1122	23737	1152
rejected %	100%	35%	100%

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	332.379354	332.4122993966499			
Pointing Dec	45.768409	45.78465242298996			
Pointing Roll	3.220122	3.264023024968012			
Window start time	161697664.184000	161697664.184000			
Window stop time	165412864.184000	165412864.184000			
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	162279915.184000	162279539.39397			
Observation start date	2003-02-22T05:44:11	2003-02-22T05:38:59			
Observation end time	162280915.184000	162281050.24403			
Observation end date	2003-02-22T06:00:51	2003-02-22T06:04:10			

2.3 Aspect



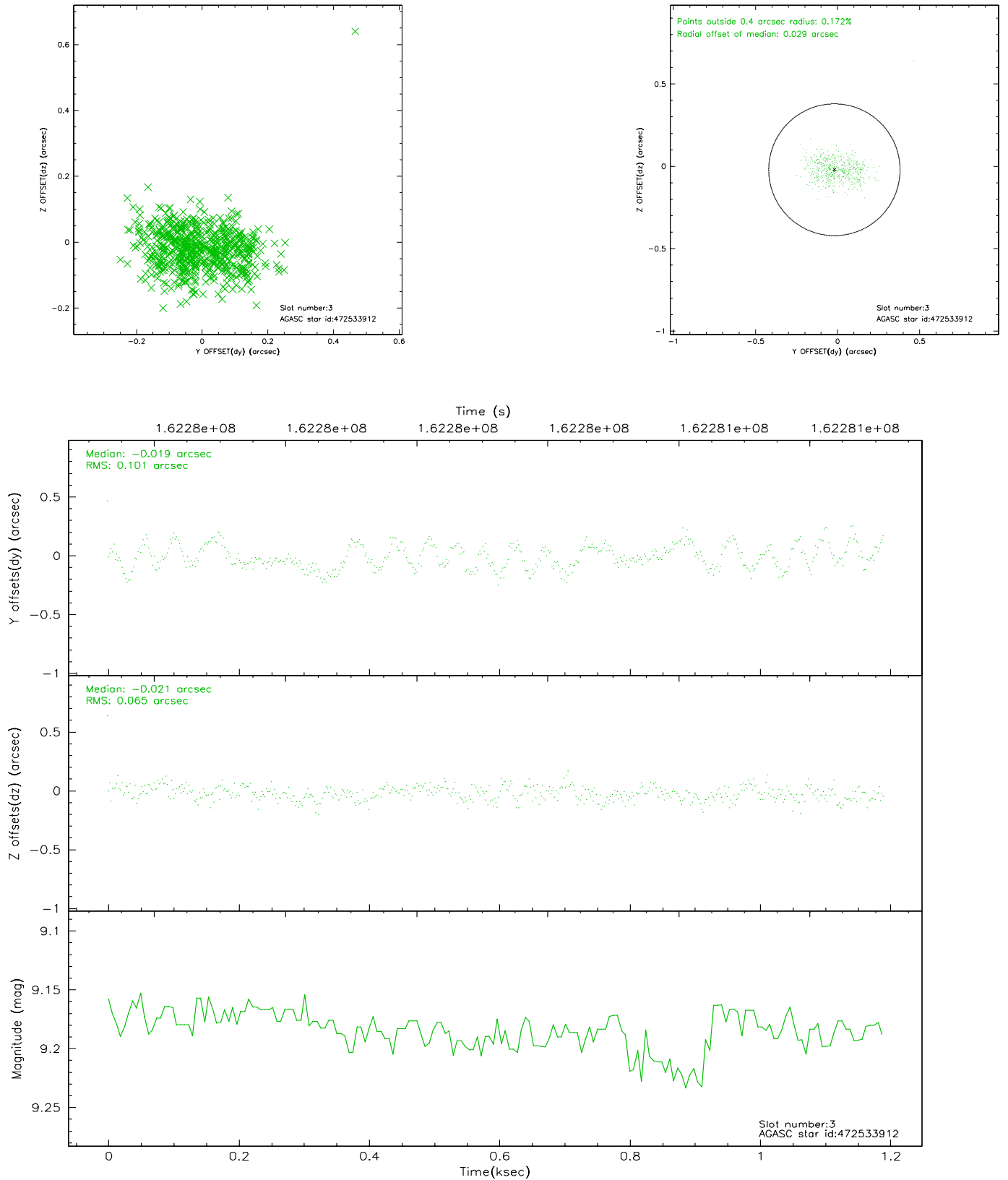


Slot Statistics

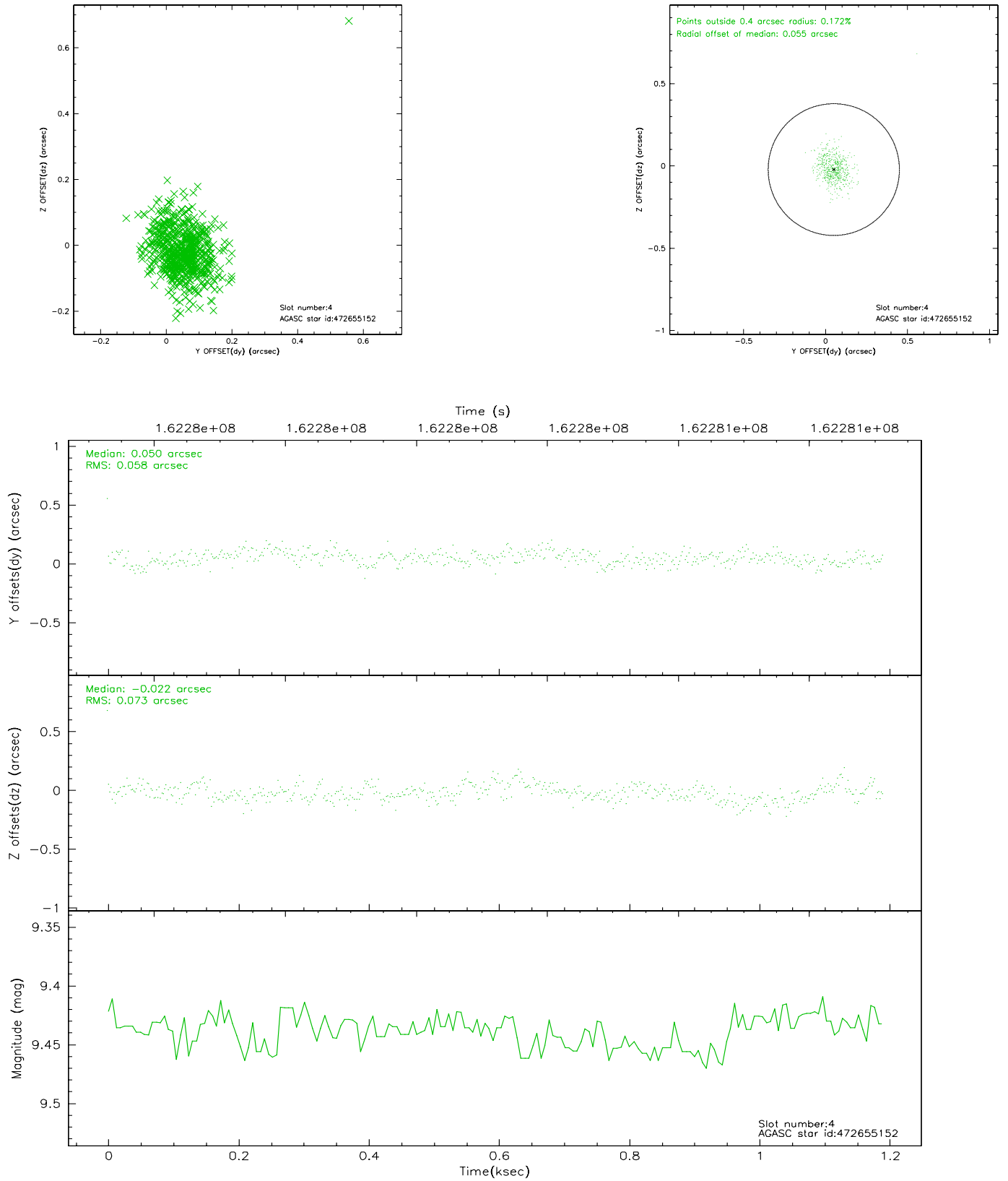
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	291	0.184	-0.106	0.005	0.010	0.000000	0.000000	-1158.25	-458.02
1	FID	HRC-S-2	7.00	291	0.076	-0.114	0.011	0.024	0.000000	0.000000	1237.34	-452.17
2	FID	HRC-S-4	6.96	291	0.144	-0.084	0.010	0.020	0.000000	0.000000	1244.19	572.61
3	GUIDE	472533912	9.18	582	-0.019	-0.021	0.125	0.190	331.791136	46.368695	-1336.84	2247.31
4	GUIDE	472655152	9.44	581	0.050	-0.022	0.091	0.158	332.504239	45.862991	330.22	328.88
5	GUIDE	472655704	9.47	581	0.016	-0.033	0.103	0.164	332.167195	45.285228	-632.66	-1702.92
6	GUIDE	472659832	9.46	582	-0.019	0.021	0.110	0.169	332.780399	46.098139	1065.85	1131.12
7	GUIDE	472523240	10.17	572	-0.025	0.041	0.135	0.223	331.536092	45.479553	-2179.99	-903.63

2.4 Star Slots

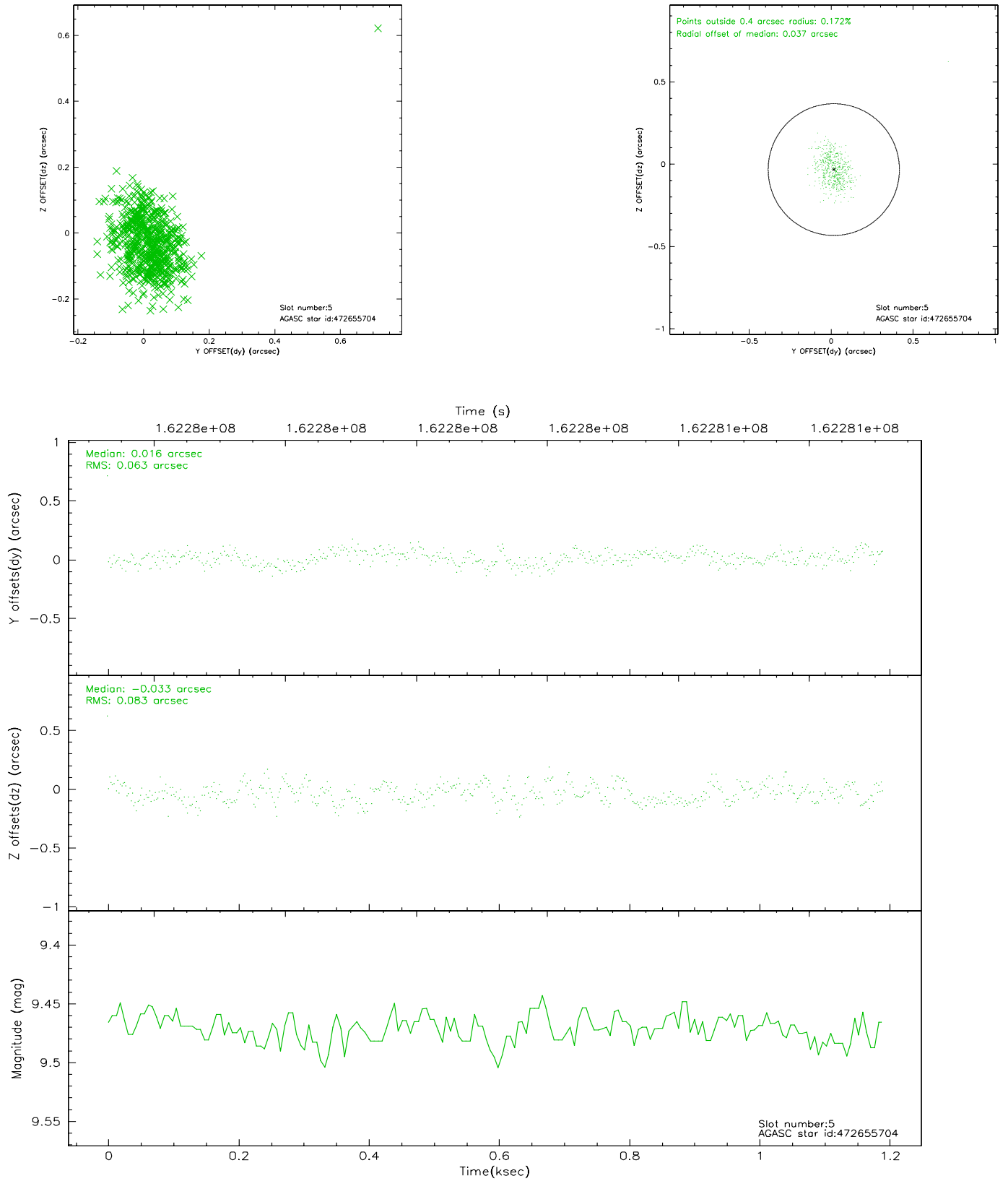
2.4.1 Slot 3



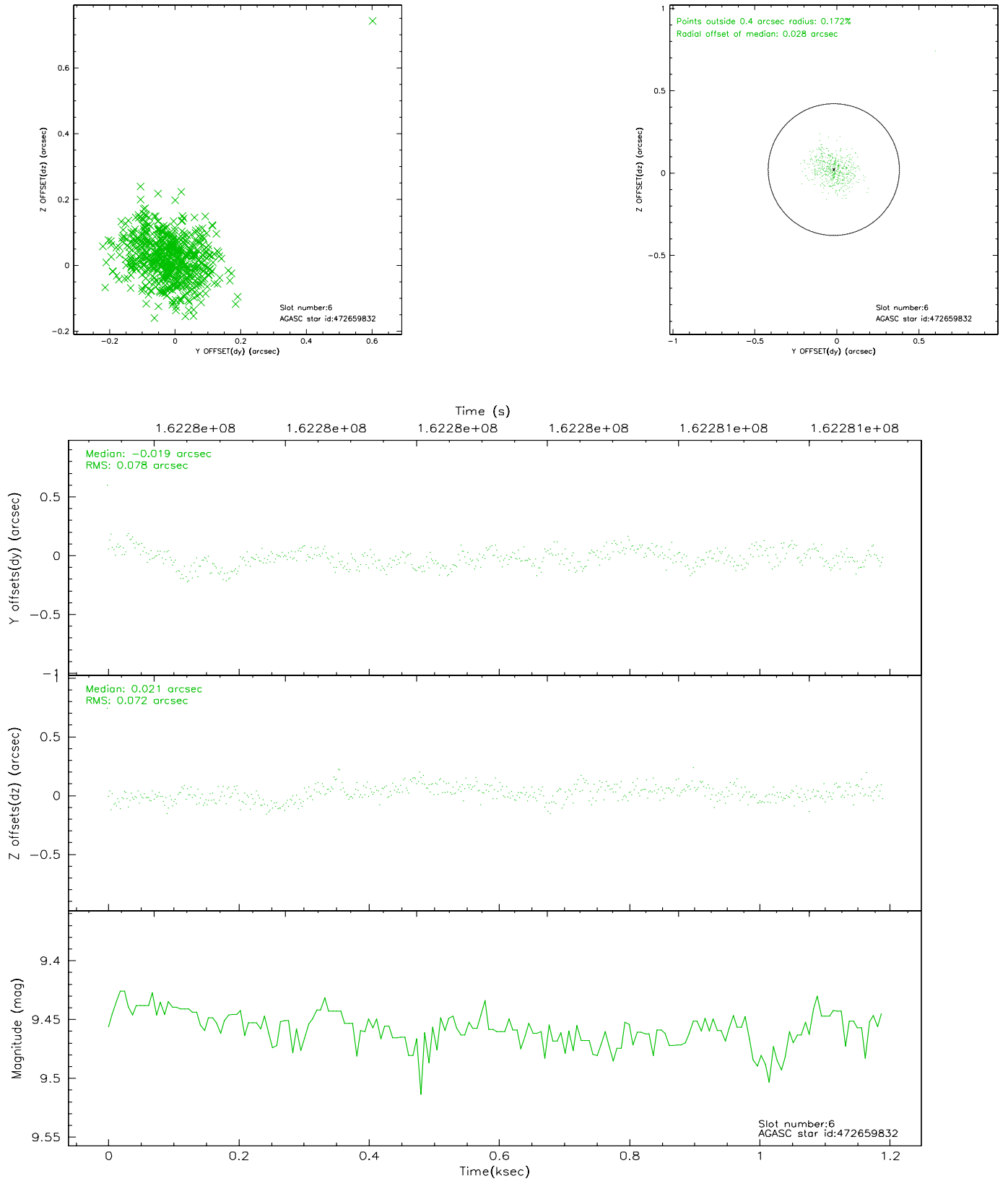
2.4.2 Slot 4



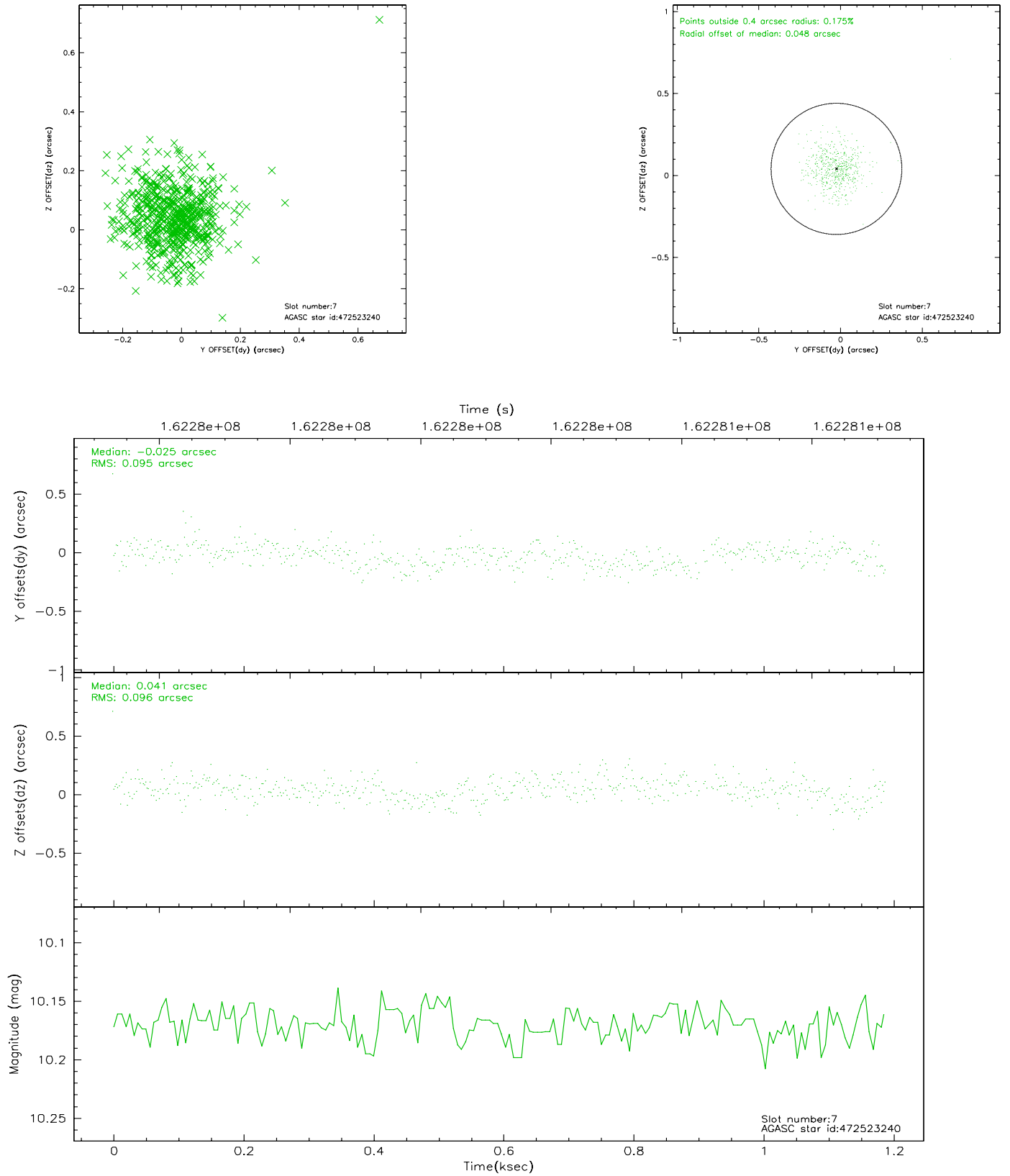
2.4.3 Slot 5



2.4.4 Slot 6

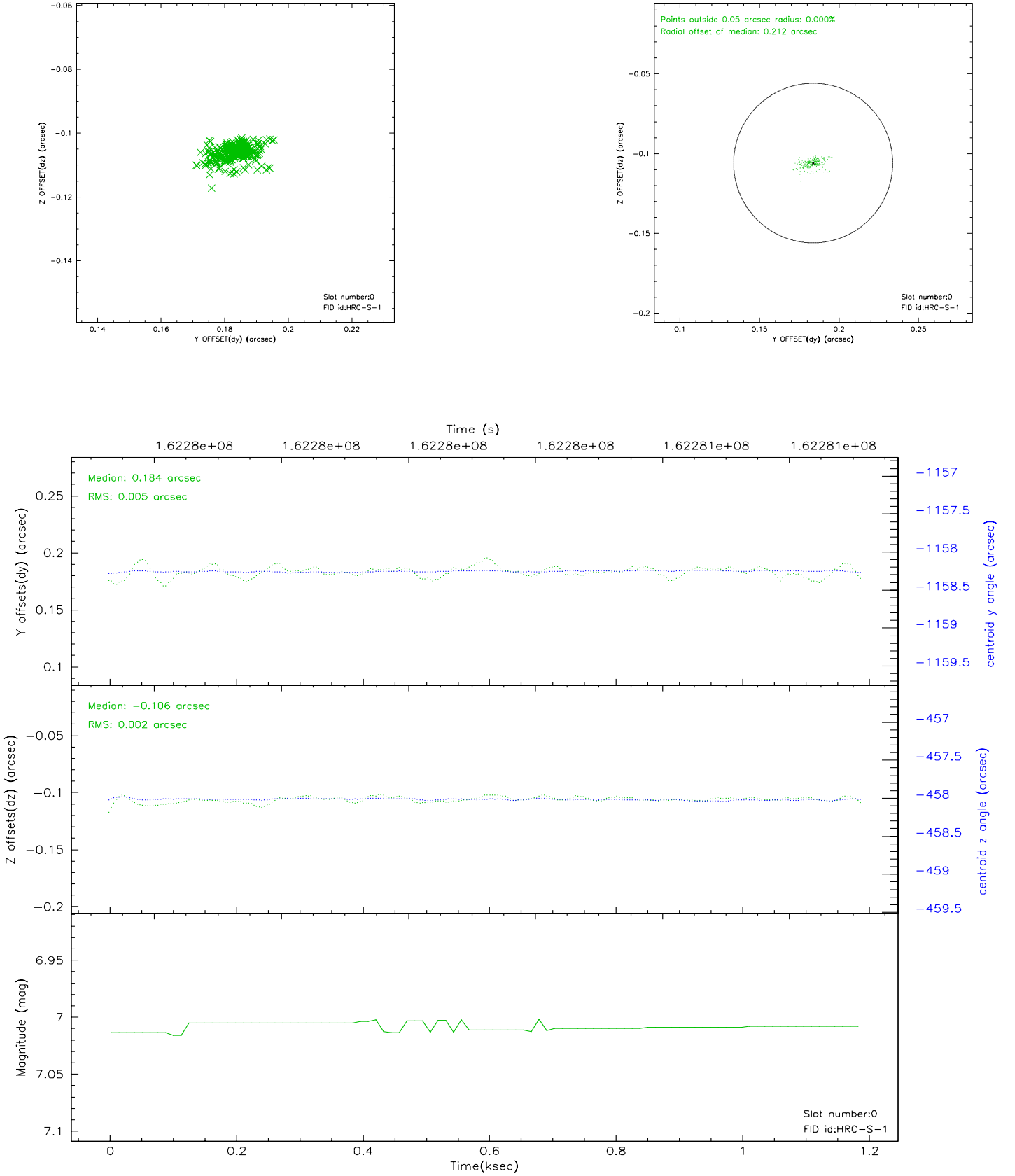


2.4.5 Slot 7

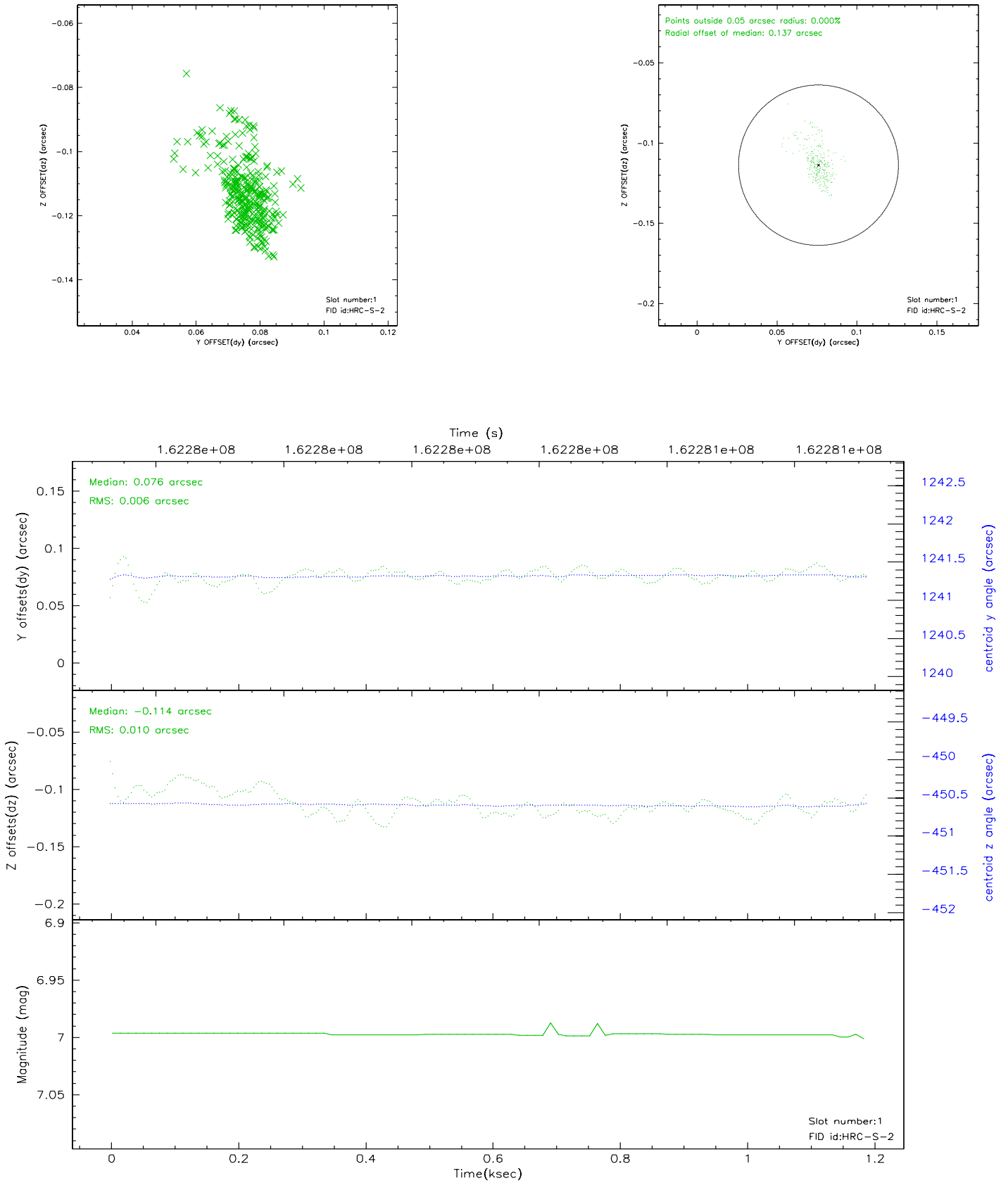


2.5 FID Slots

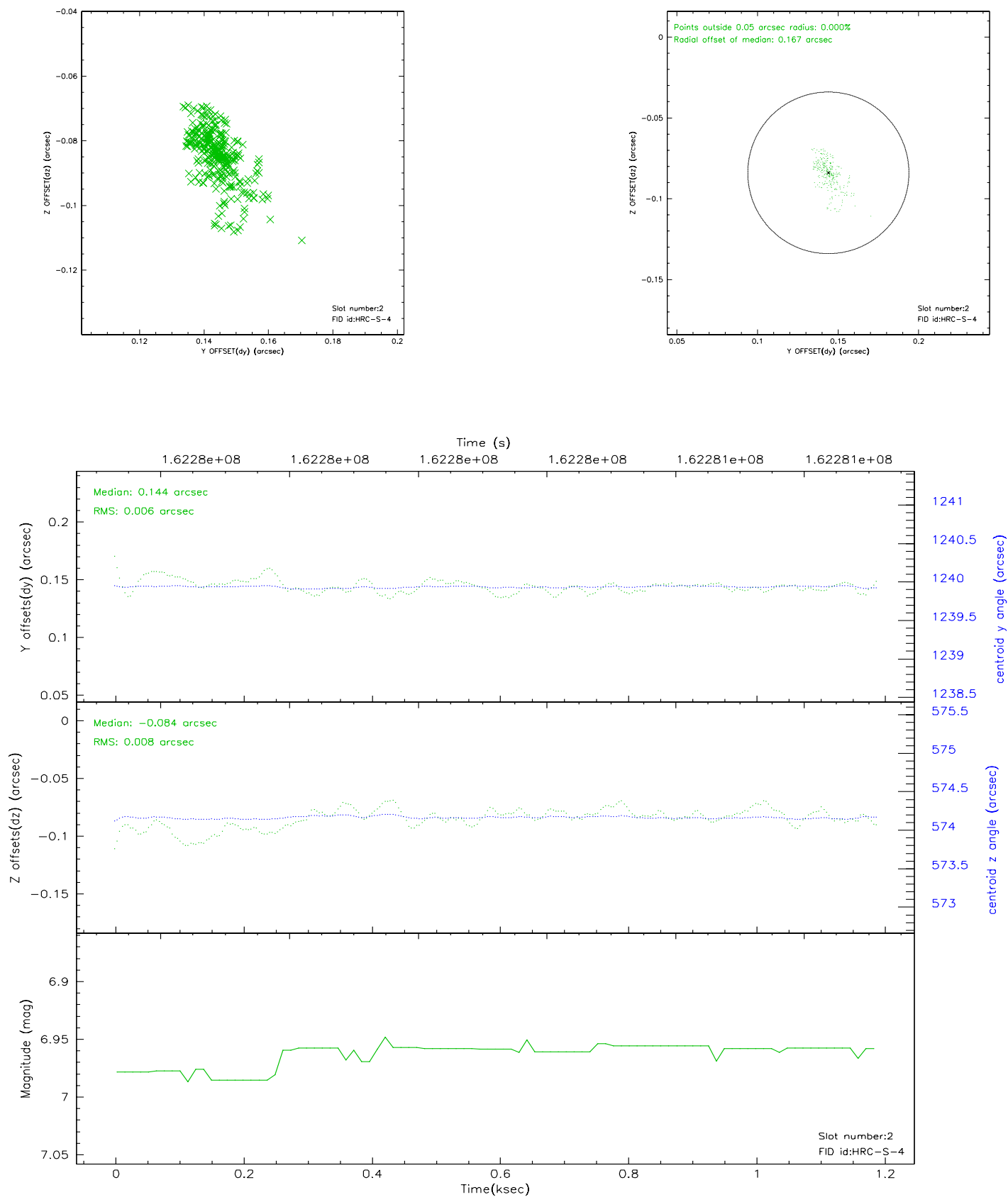
2.5.1 Slot 0



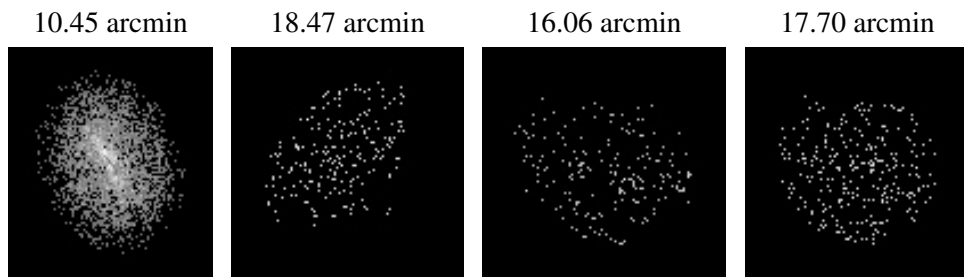
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.143

A.2 Comments

Window constraint met.