

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 997 - L2 Version 001
Chandra X-Ray Center

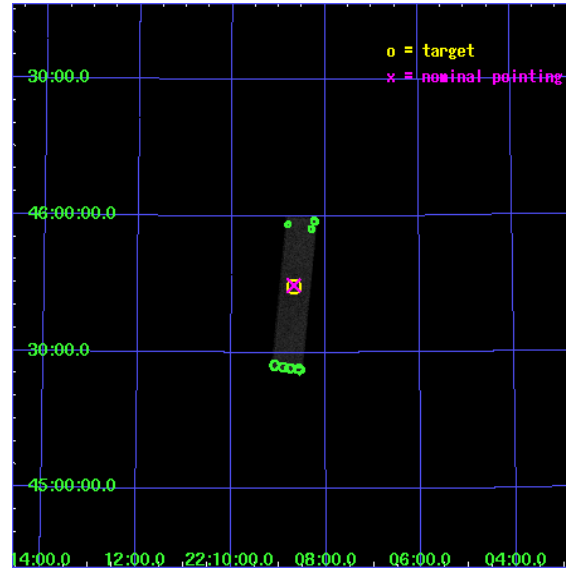
L2 Processing Date : Nov 21 2006

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1 Front

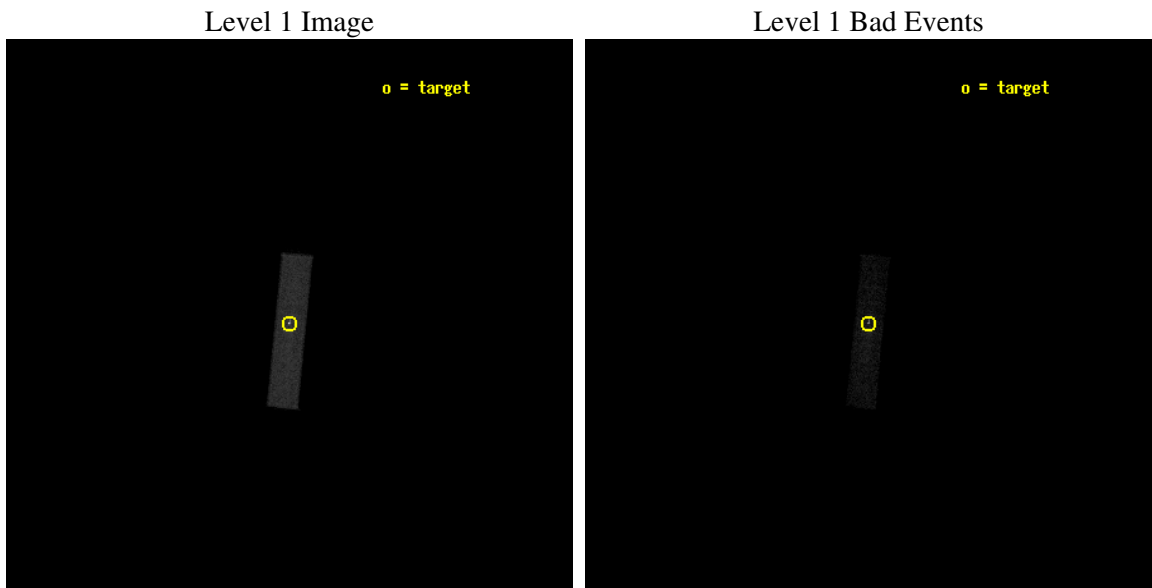
seq_num	290078
obs_id	997
title	HRC-S CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.16900437652
dec_nom	45.74656361608
roll_nom	95.578087784509
revision	4
ontime	1203.6062967479
livetime	1196.8635711915
l2events	44884



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-21T13:41:43
revision	3

sched_exp_time	1234.000000
ontime	1285.3500499278
l1events	66262

2.1.3 Events

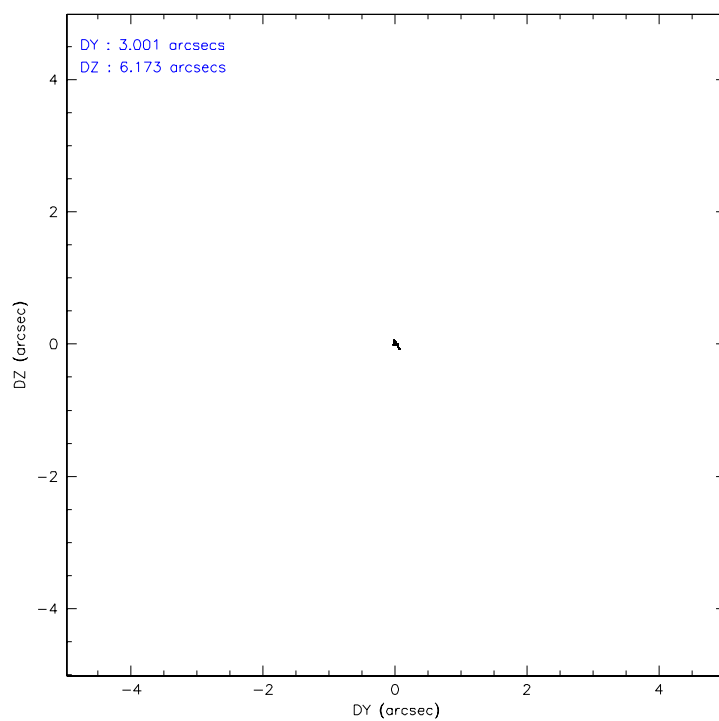
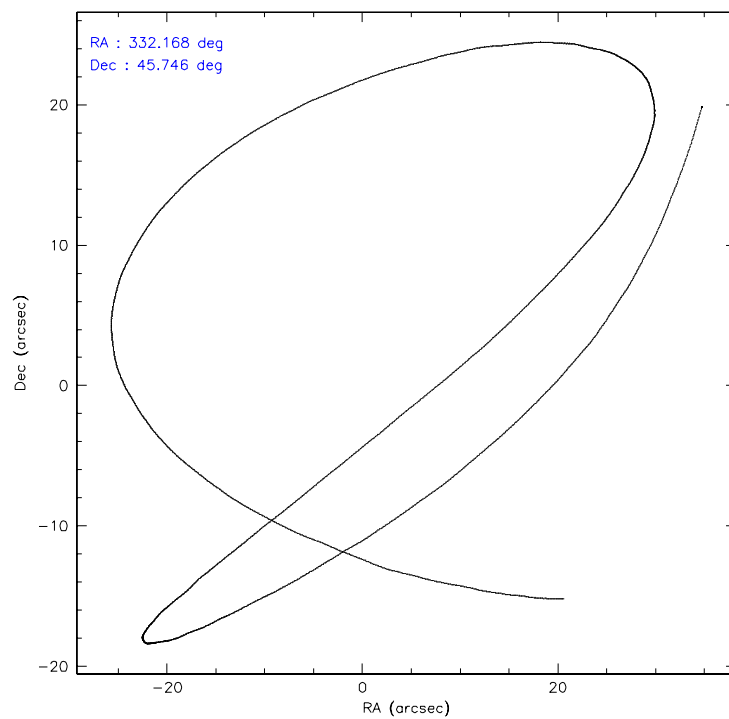
Level 1 Events

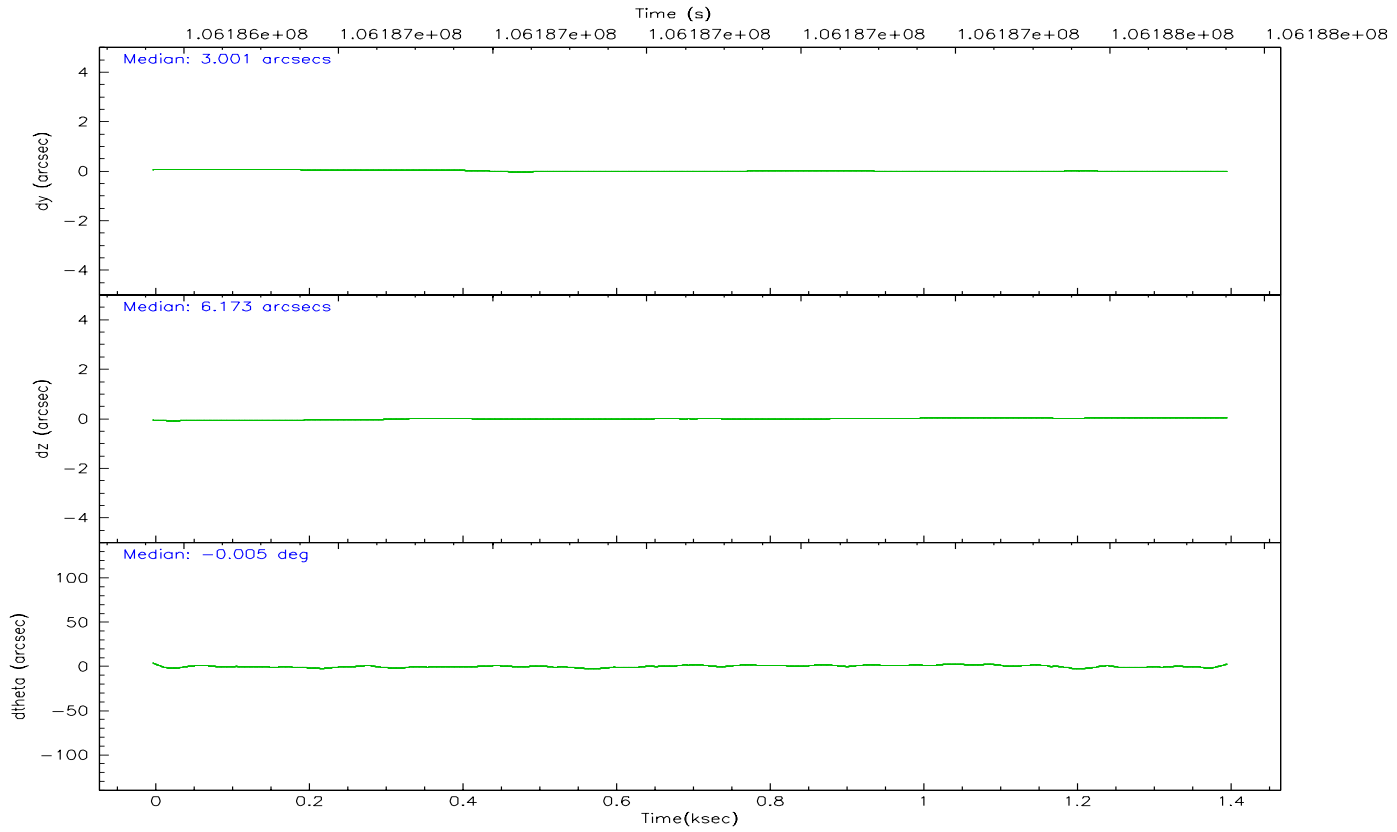
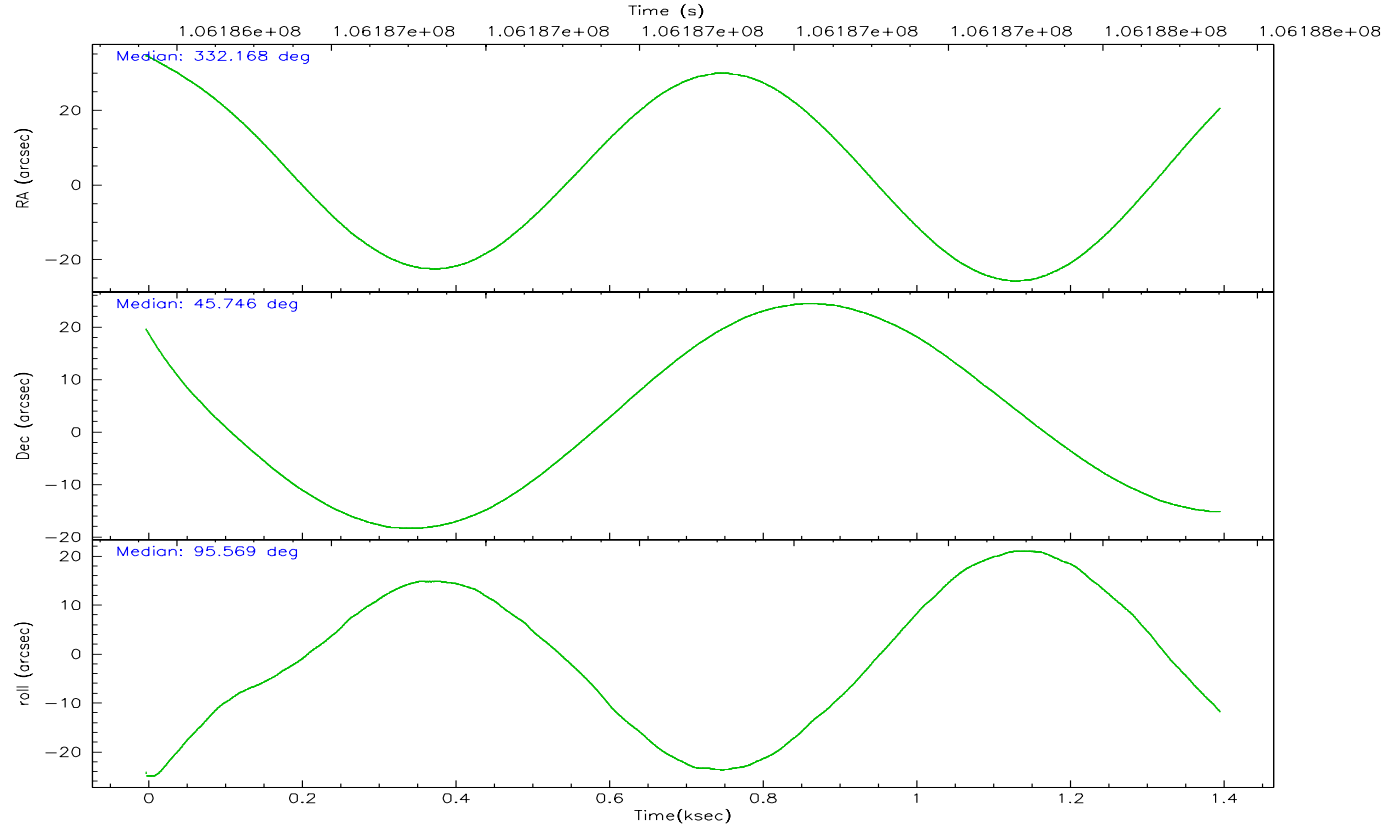
	segment 1	segment 2	segment 3
level 1 events	0	66262	0
rejected events	0	18465	0
rejected %	0%	27%	0%

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	332.194989	332.1690043765197			
Pointing Dec	45.724561	45.74656361607961			
Pointing Roll	95.492235	95.57808778450935			
Window start time	105062464.184000	105062464.184000			
Window stop time	107568064.184000	107568064.184000			
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	106186523.184000	106185925.24511			
Observation start date	2001-05-14T00:14:19	2001-05-14T00:05:25			
Observation end time	106187757.184000	106187890.68269			
Observation end date	2001-05-14T00:34:53	2001-05-14T00:38:10			

2.3 Aspect



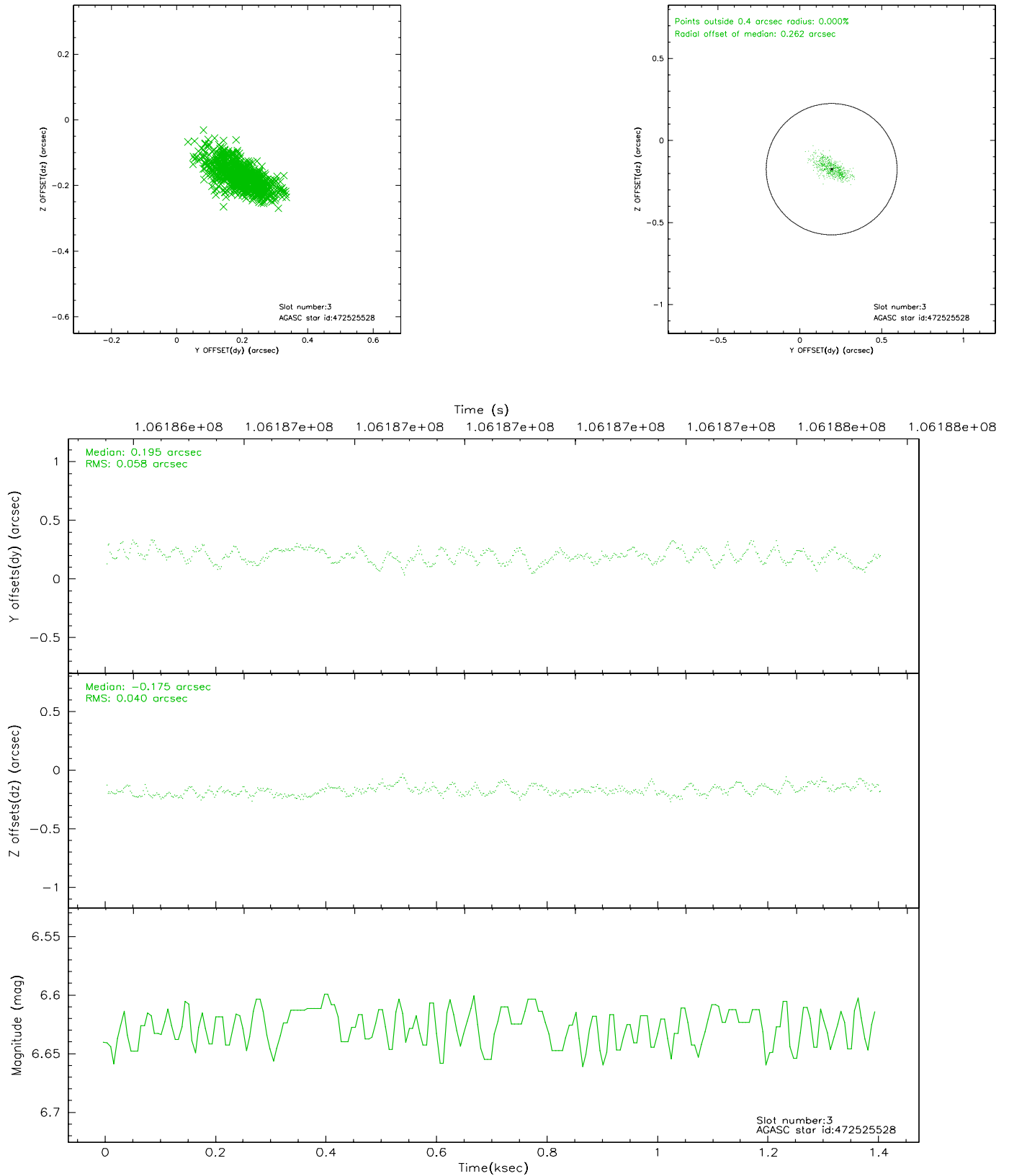


Slot Statistics

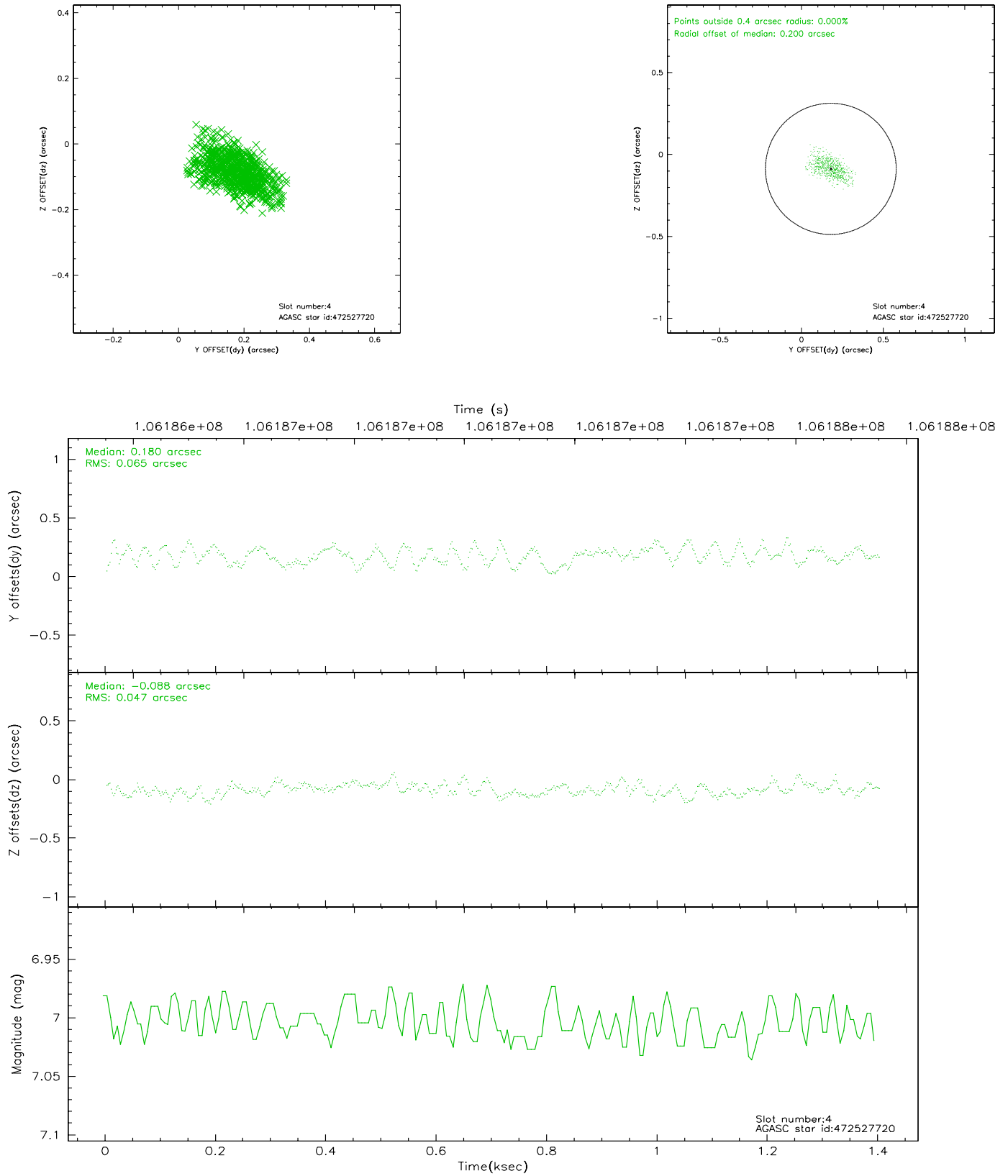
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	342	0.139	-0.107	0.006	0.013	0.000000	0.000000	-1157.04	-454.71
1	FID	HRC-S-2	6.98	342	0.117	-0.152	0.012	0.022	0.000000	0.000000	1239.24	-448.66
2	FID	HRC-S-4	6.93	342	0.146	-0.044	0.011	0.023	0.000000	0.000000	1244.83	576.19
3	GUIDE	472525528	6.63	684	0.195	-0.175	0.074	0.127	331.551102	45.248694	-1541.36	1785.39
4	GUIDE	472527720	7.01	684	0.180	-0.088	0.085	0.141	331.460205	45.112509	-2007.26	2068.55
5	GUIDE	472535576	7.85	684	-0.173	-0.094	0.053	0.087	331.438373	46.291802	2219.70	1678.51
6	GUIDE	472665256	9.00	684	-0.128	0.237	0.076	0.121	332.808125	46.195041	1550.28	-1682.67
7	GUIDE	472659832	9.47	683	-0.058	0.107	0.095	0.163	332.780399	46.098139	1207.94	-1588.11

2.4 Star Slots

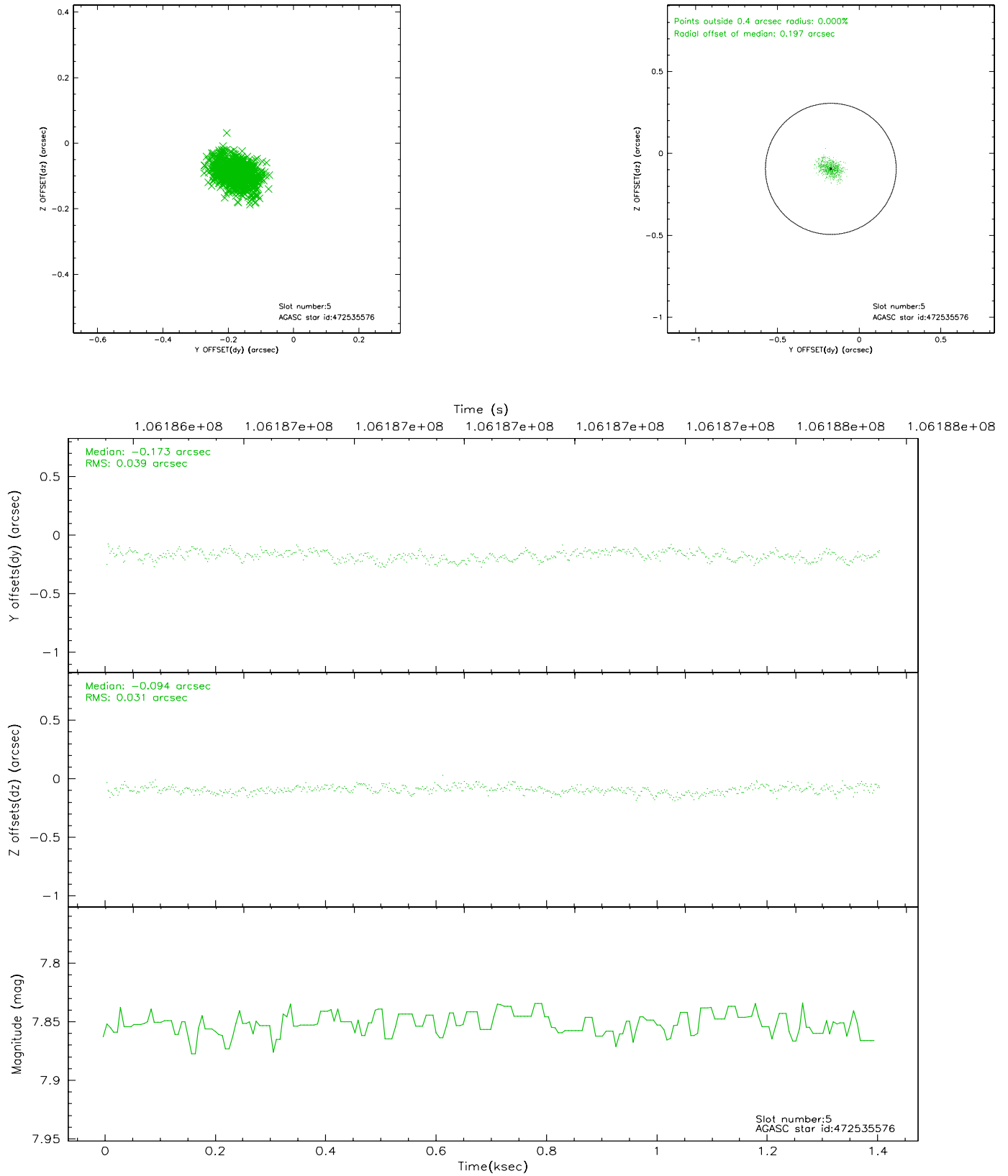
2.4.1 Slot 3



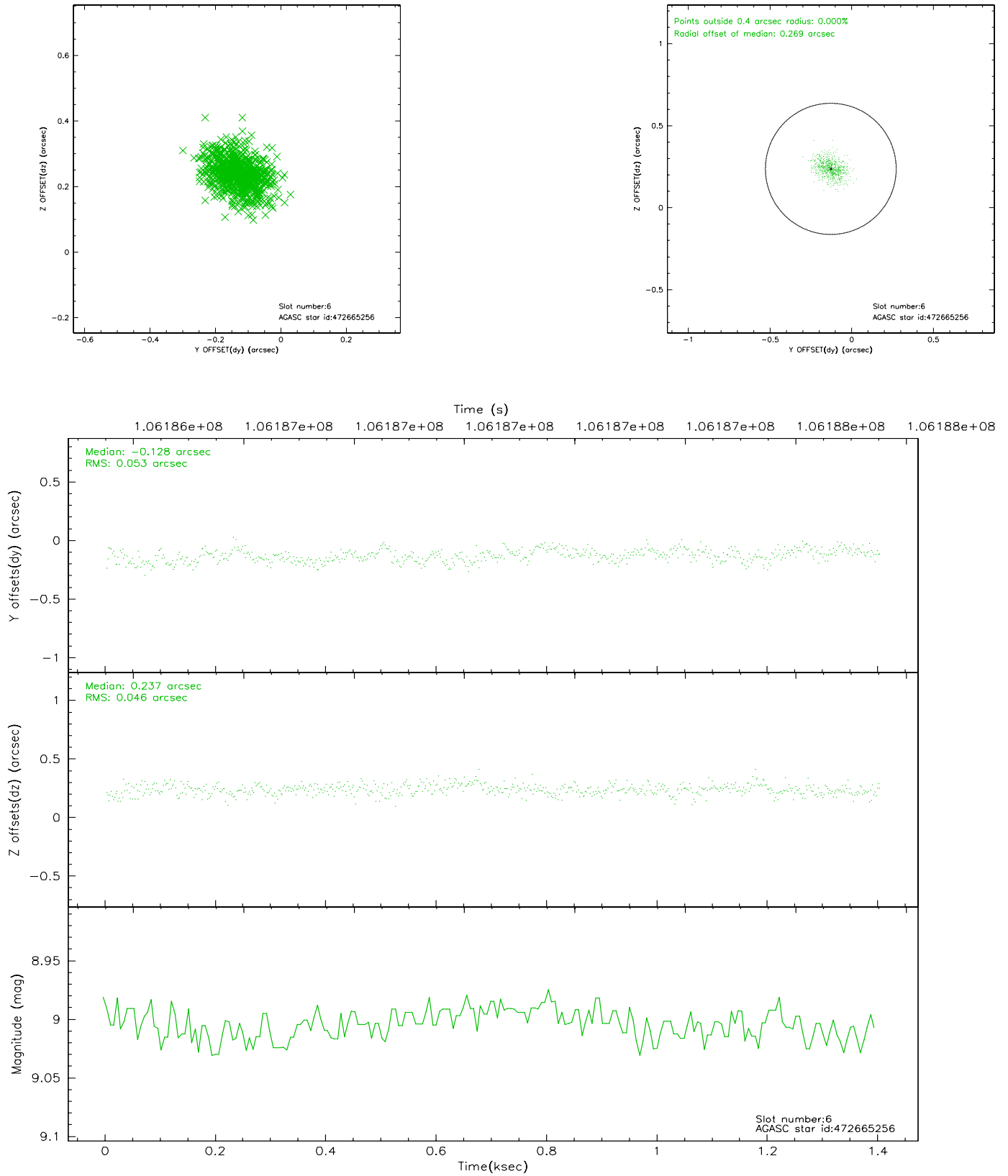
2.4.2 Slot 4



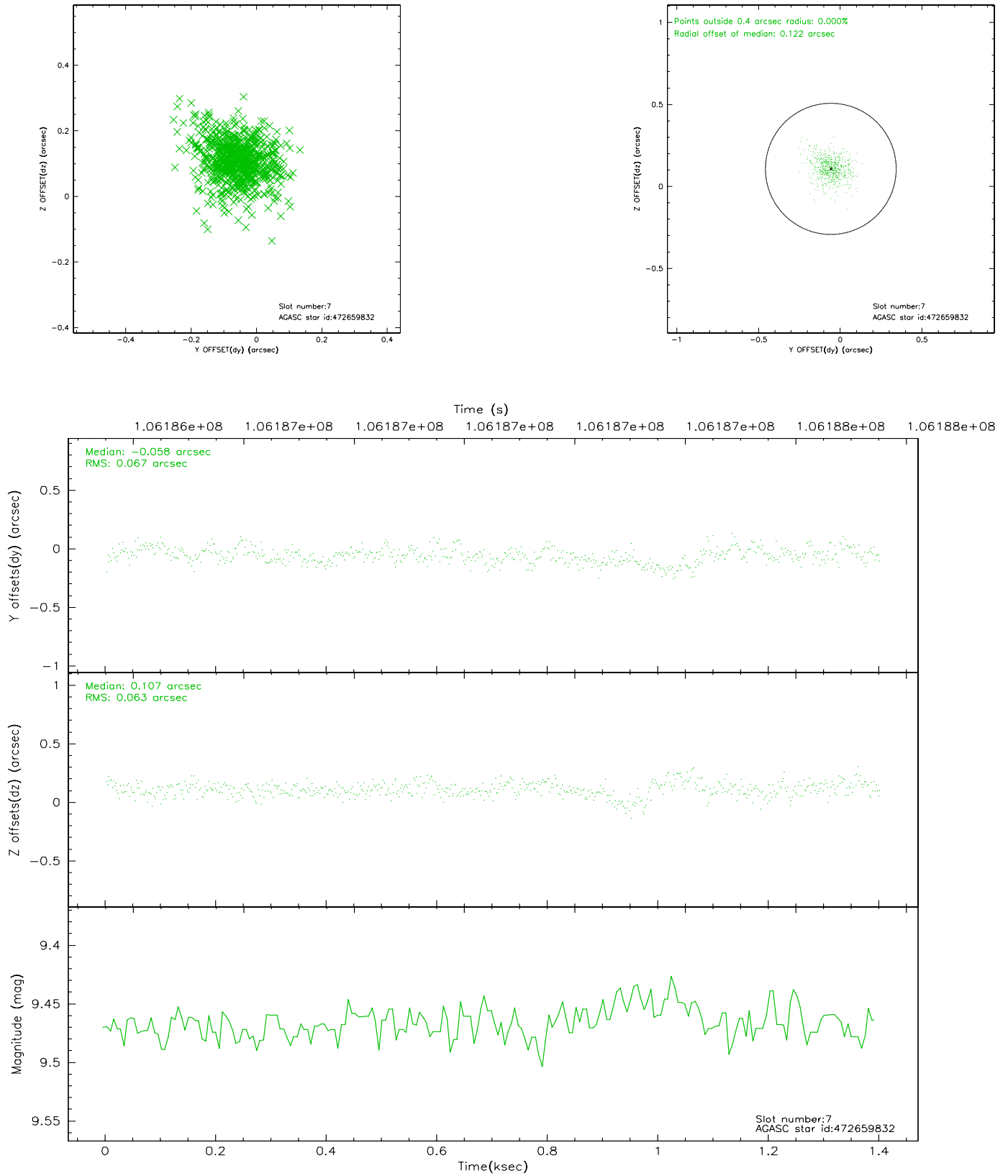
2.4.3 Slot 5



2.4.4 Slot 6

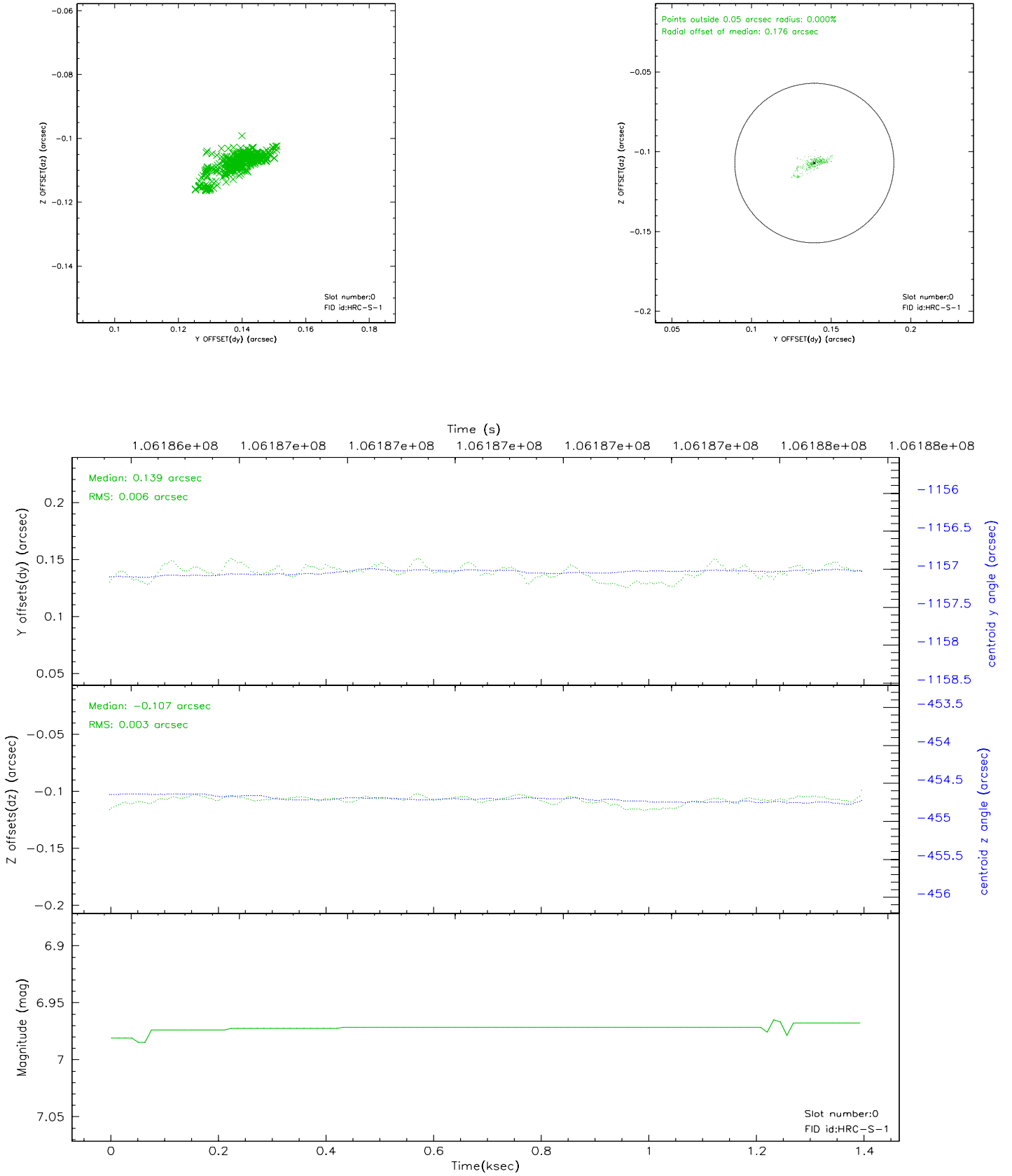


2.4.5 Slot 7

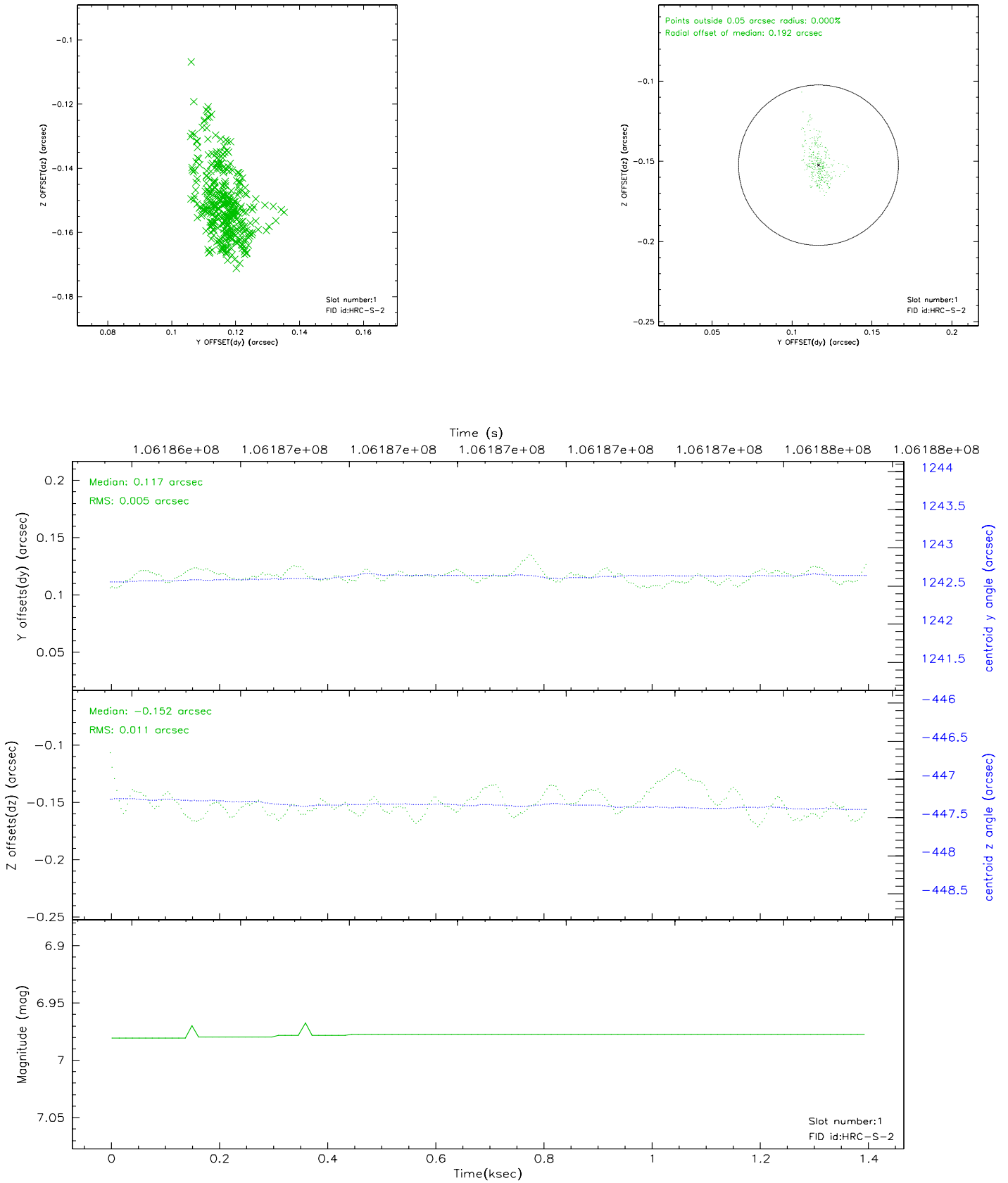


2.5 FID Slots

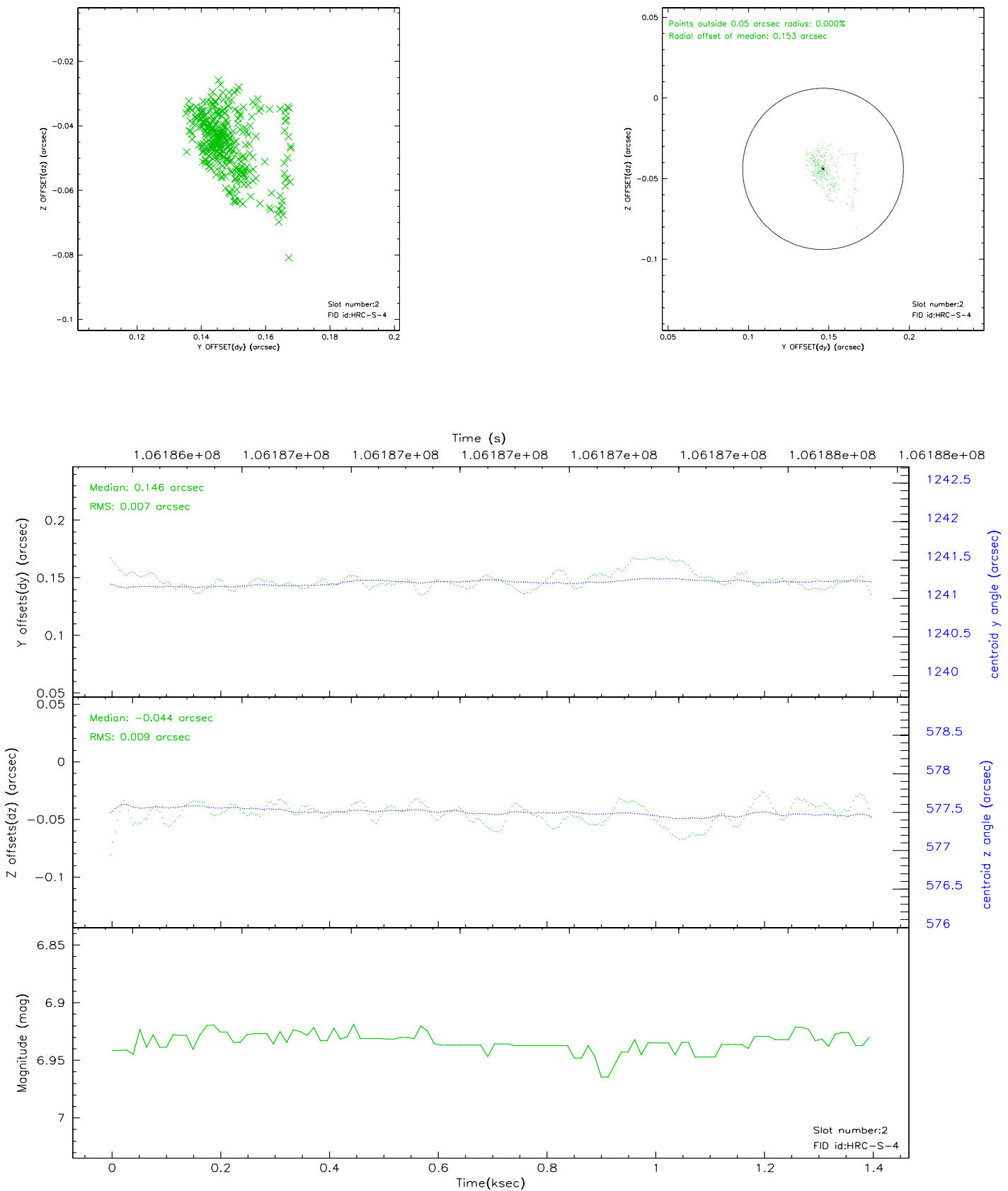
2.5.1 Slot 0



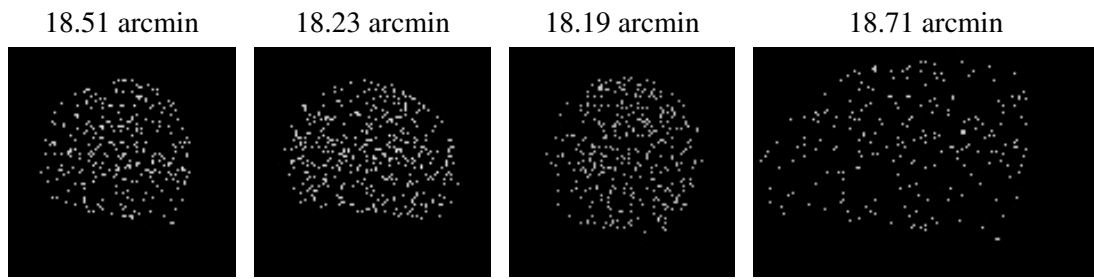
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.203

A.2 Comments

Window constraint met.