

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2444 - L2 Version 001
Chandra X-Ray Center

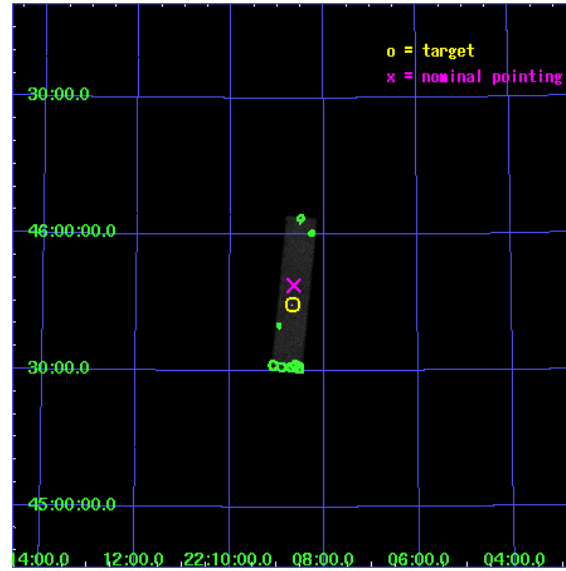
L2 Processing Date : Nov 21 2006

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1 Front

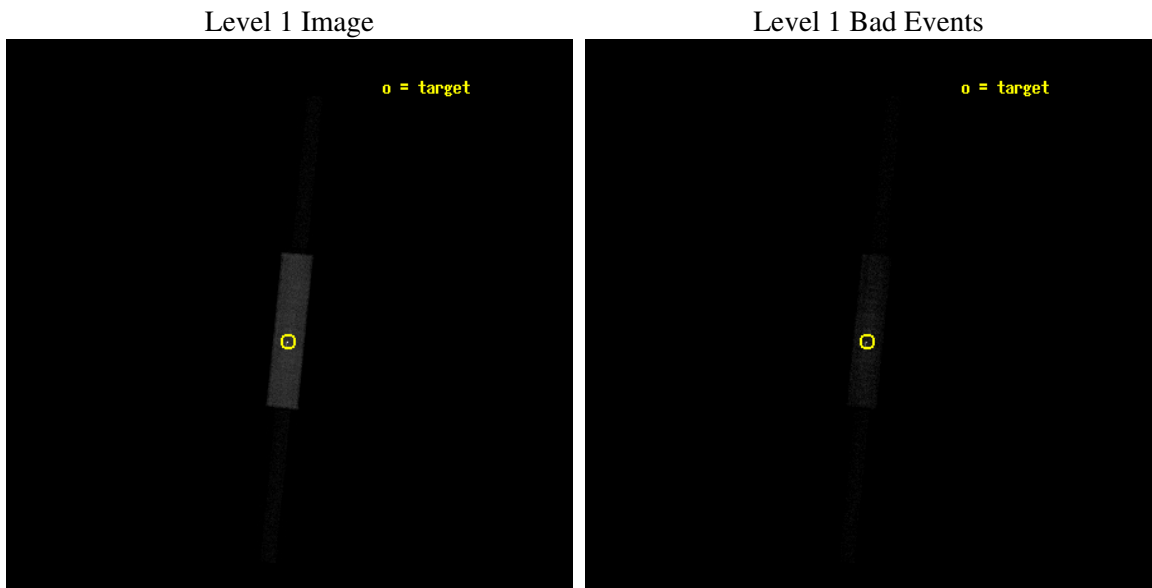
seq_num	290078
obs_id	2444
title	HRC-S CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.16038862552
dec_nom	45.814009600469
roll_nom	95.797245375712
revision	4
ontime	1376.8313034773
livetime	1368.7403916387
l2events	54513



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	2006-11-21T15:39:48
revision	3

sched_exp_time	1234.000000
ontime	1425.0063053519
l1events	91698

2.1.3 Events

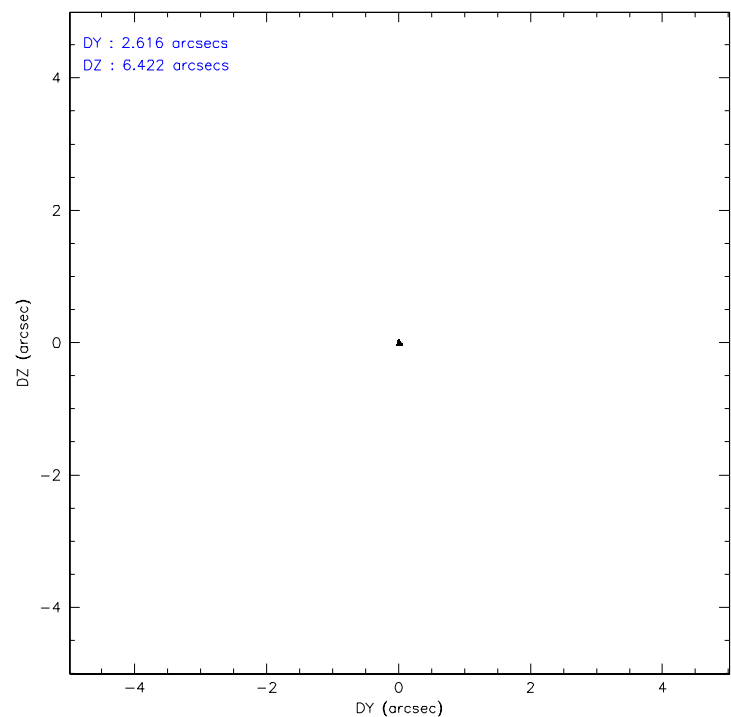
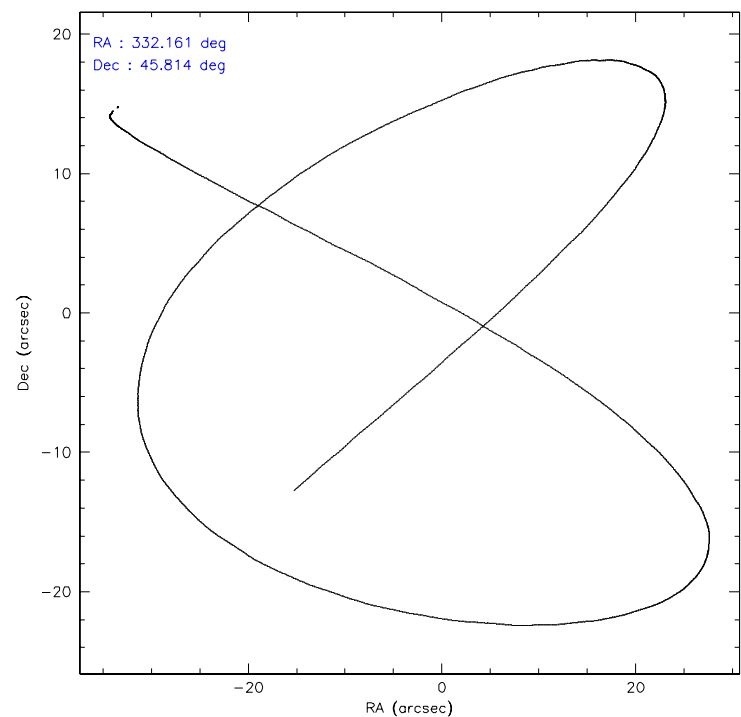
Level 1 Events

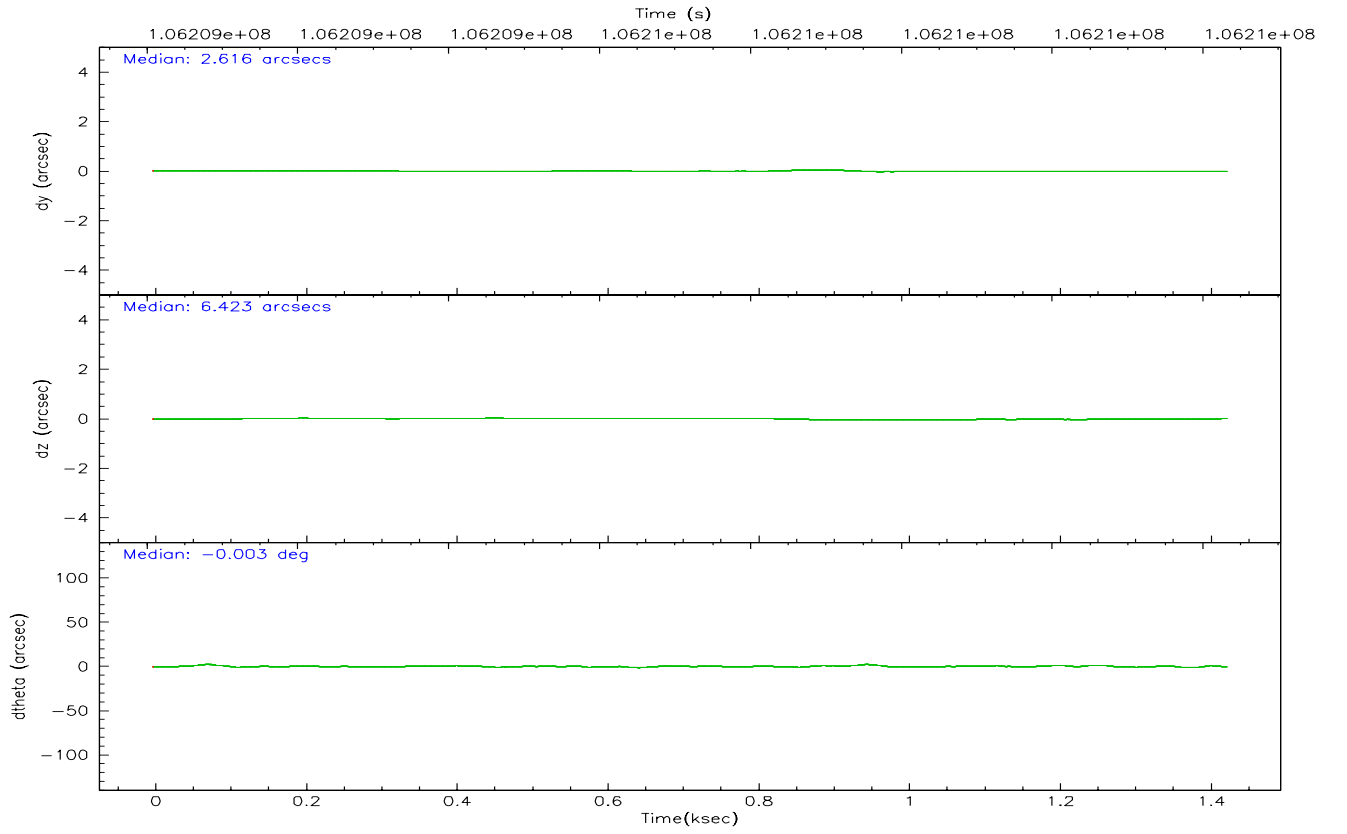
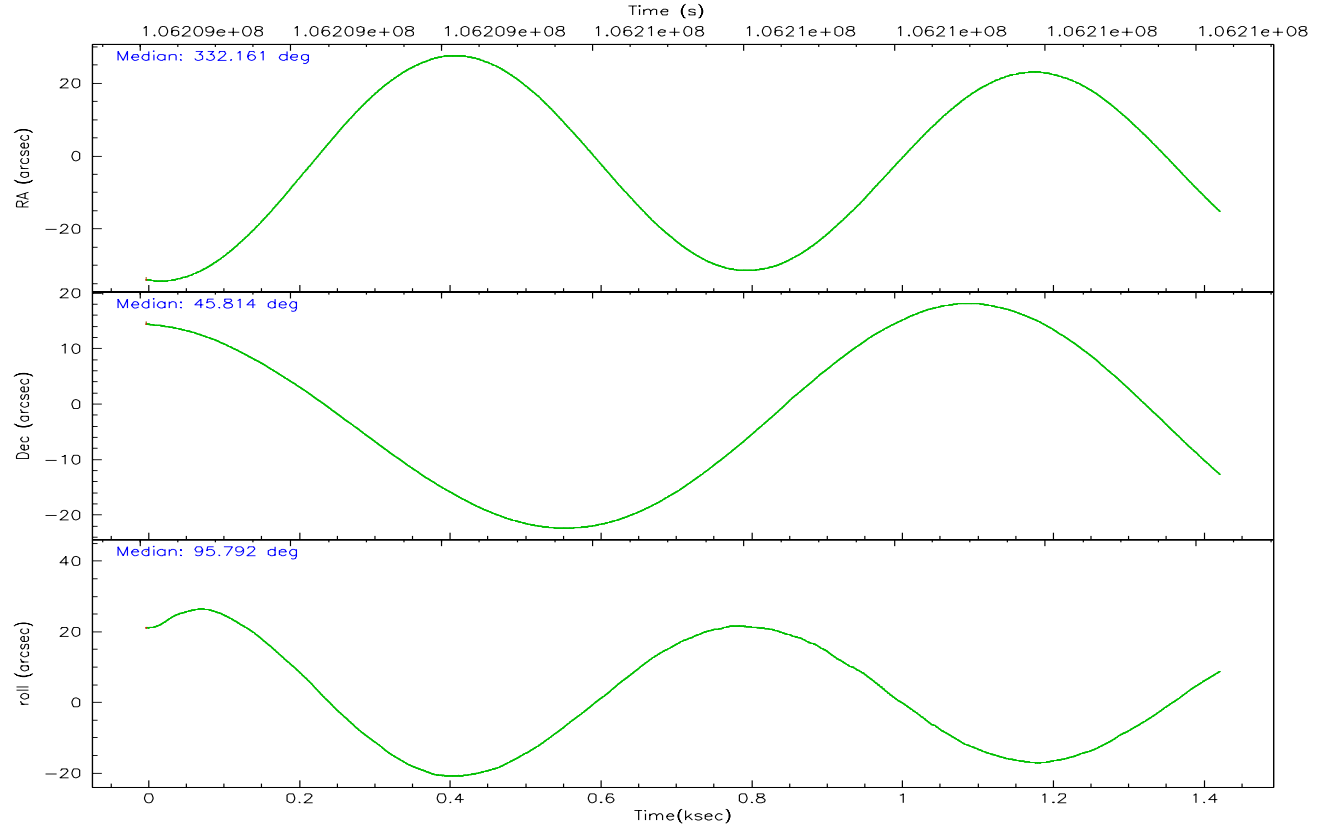
	segment 1	segment 2	segment 3
level 1 events	2709	86640	2349
rejected events	2709	28828	2349
rejected %	100%	33%	100%

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	332.185589	332.1603886255203			
Pointing Dec	45.790961	45.81400960046901			
Pointing Roll	95.711850	95.79724537571192			
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	106209195.184000	106208818.621			
Observation start date	2001-05-14T06:32:11	2001-05-14T06:26:58			
Observation end time	106210429.184000	106210563.17107			
Observation end date	2001-05-14T06:52:45	2001-05-14T06:56:03			

2.3 Aspect



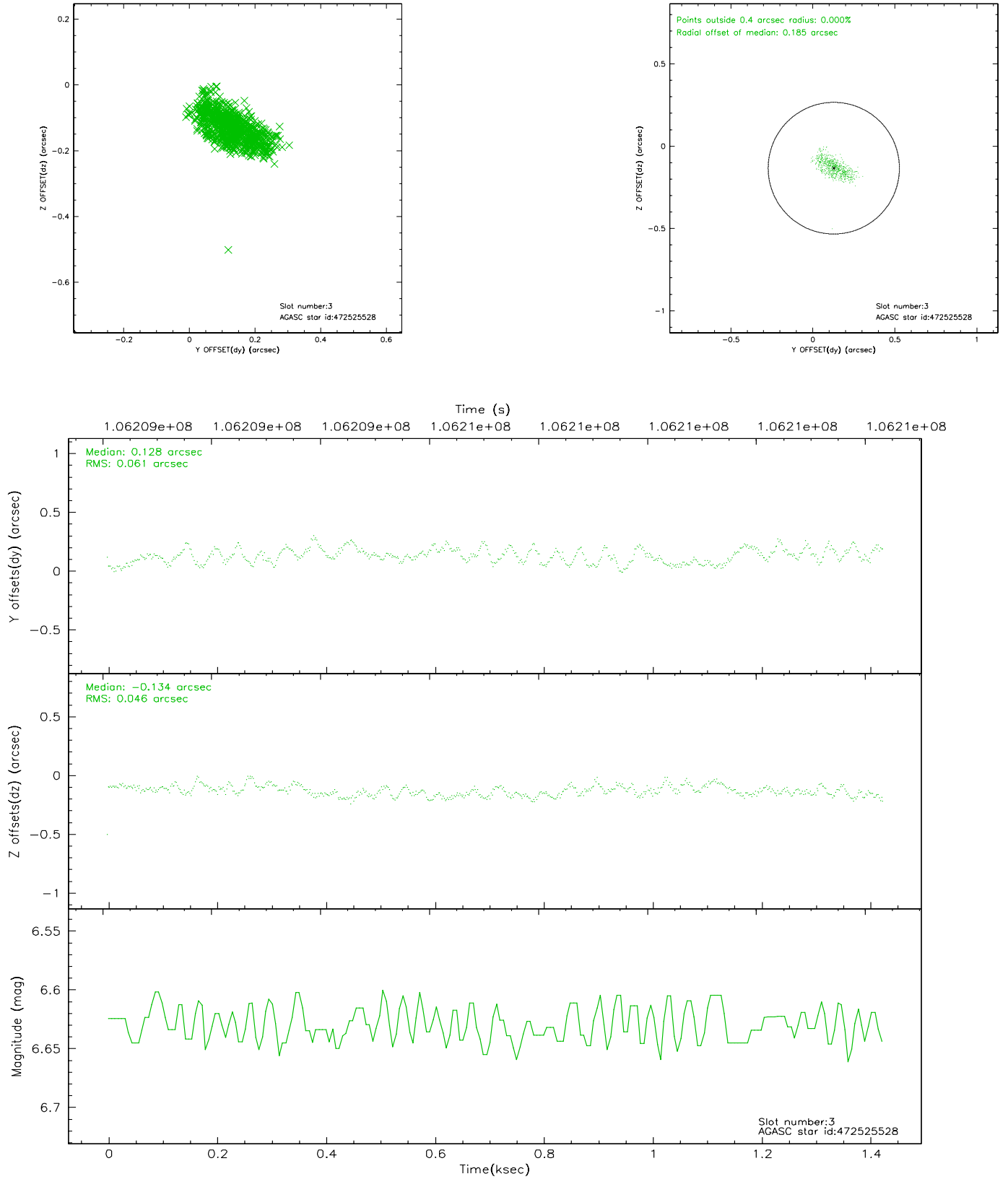


Slot Statistics

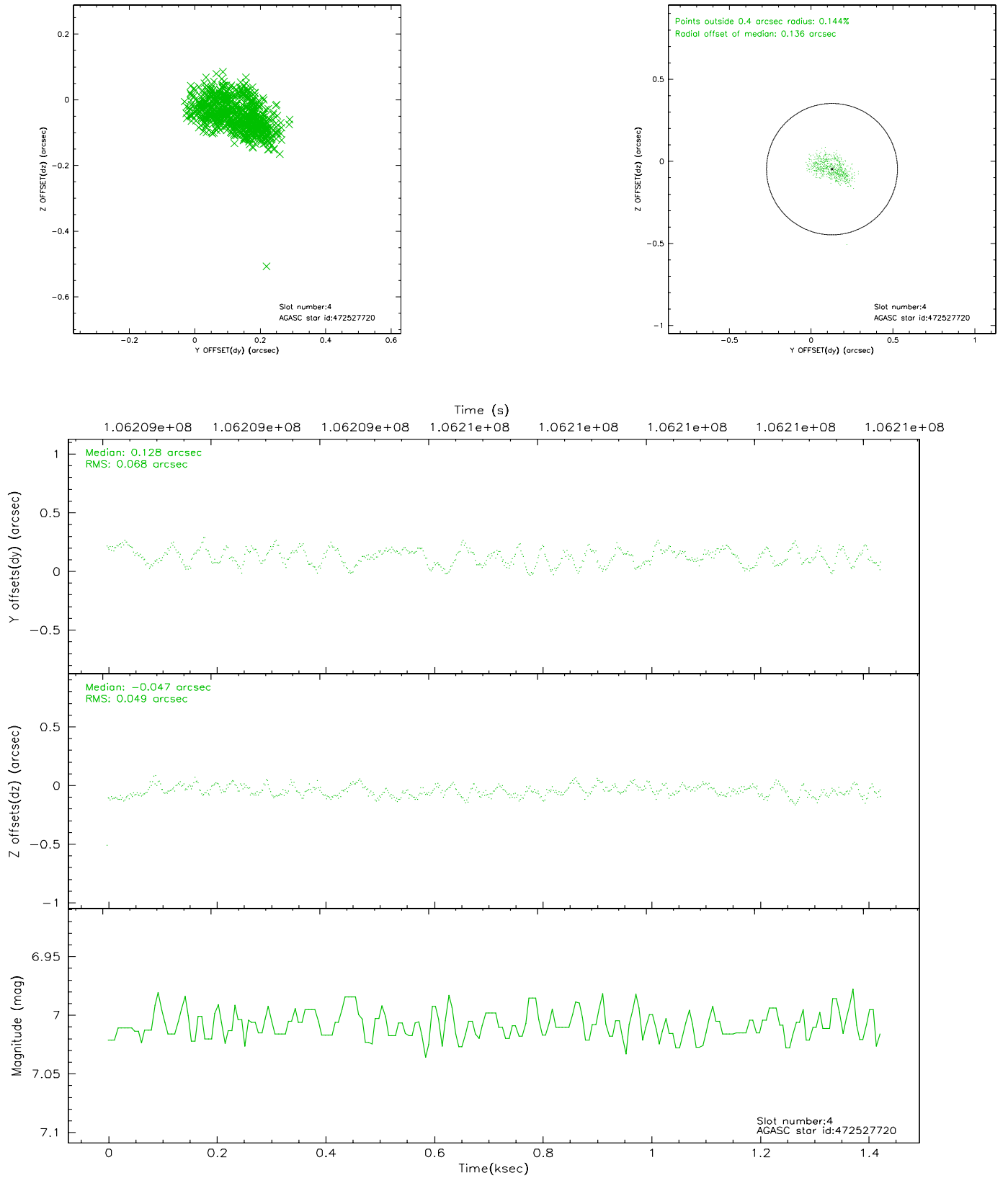
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	348	0.136	-0.110	0.006	0.009	0.000000	0.000000	-1156.65	-454.93
1	FID	HRC-S-2	6.98	348	0.118	-0.098	0.004	0.009	0.000000	0.000000	1239.69	-448.88
2	FID	HRC-S-3	7.00	348	0.136	-0.094	0.007	0.010	0.000000	0.000000	-1155.81	573.33
3	GUIDE	472525528	6.63	696	0.128	-0.134	0.081	0.133	331.551102	45.248694	-1778.62	1794.06
4	GUIDE	472527720	7.01	696	0.128	-0.047	0.089	0.139	331.460205	45.112509	-2243.75	2078.94
5	GUIDE	472535576	7.85	696	-0.194	-0.094	0.052	0.084	331.438373	46.291802	1981.75	1672.83
6	GUIDE	472523760	8.24	696	0.065	0.019	0.059	0.103	331.645363	45.403260	-1248.02	1500.01
7	GUIDE	472665256	9.00	695	-0.120	0.256	0.072	0.122	332.808125	46.195041	1294.90	-1685.96

2.4 Star Slots

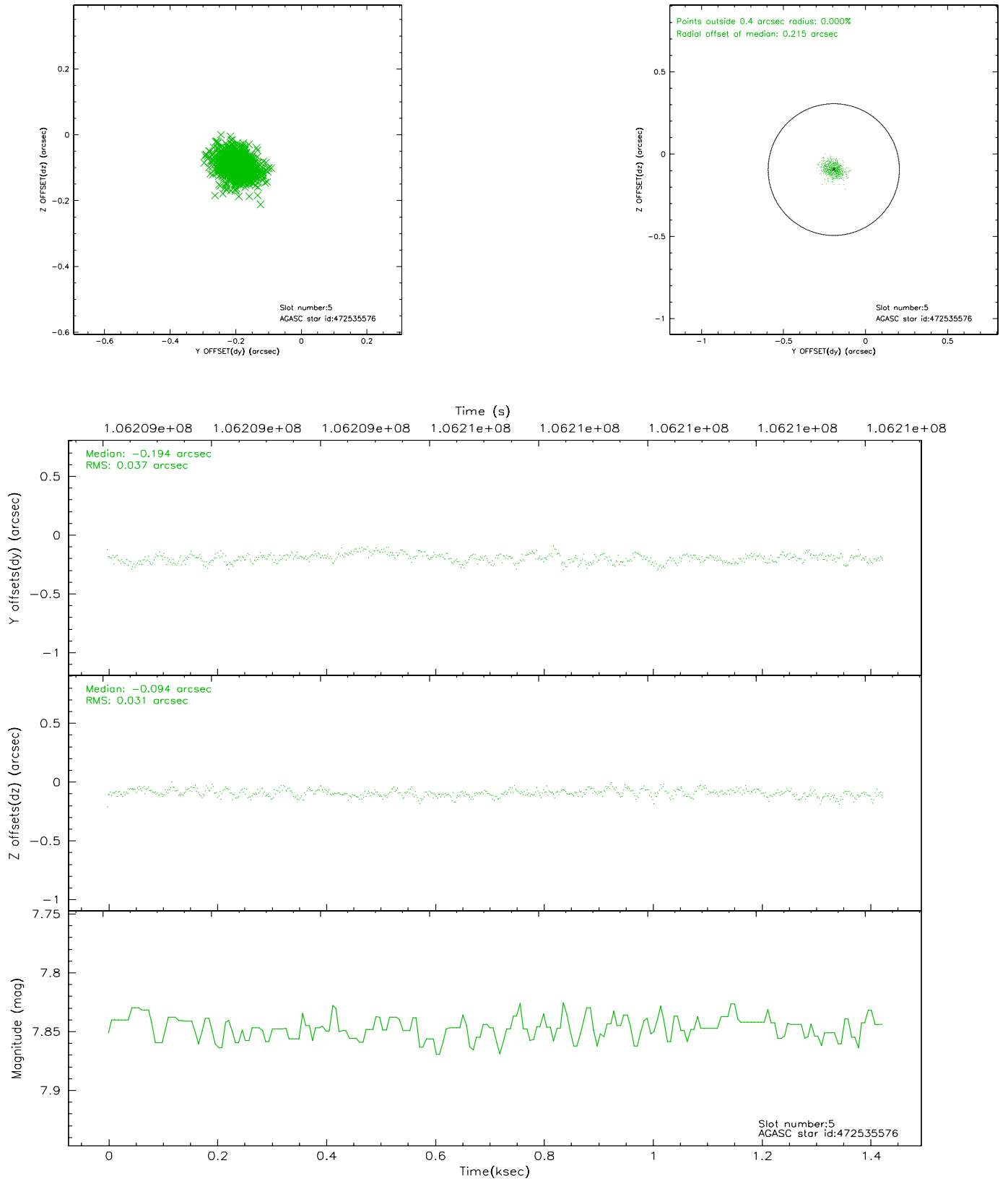
2.4.1 Slot 3



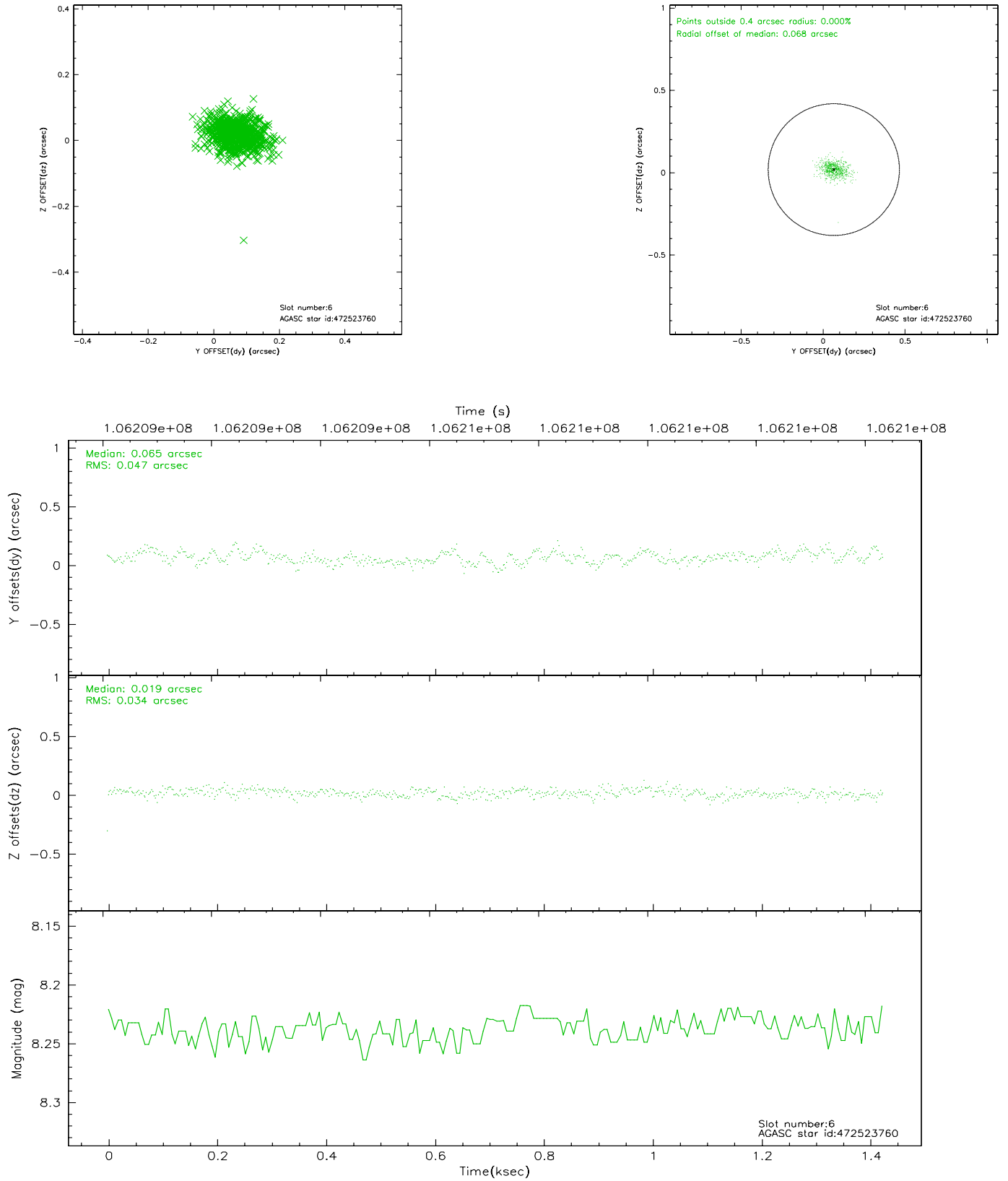
2.4.2 Slot 4



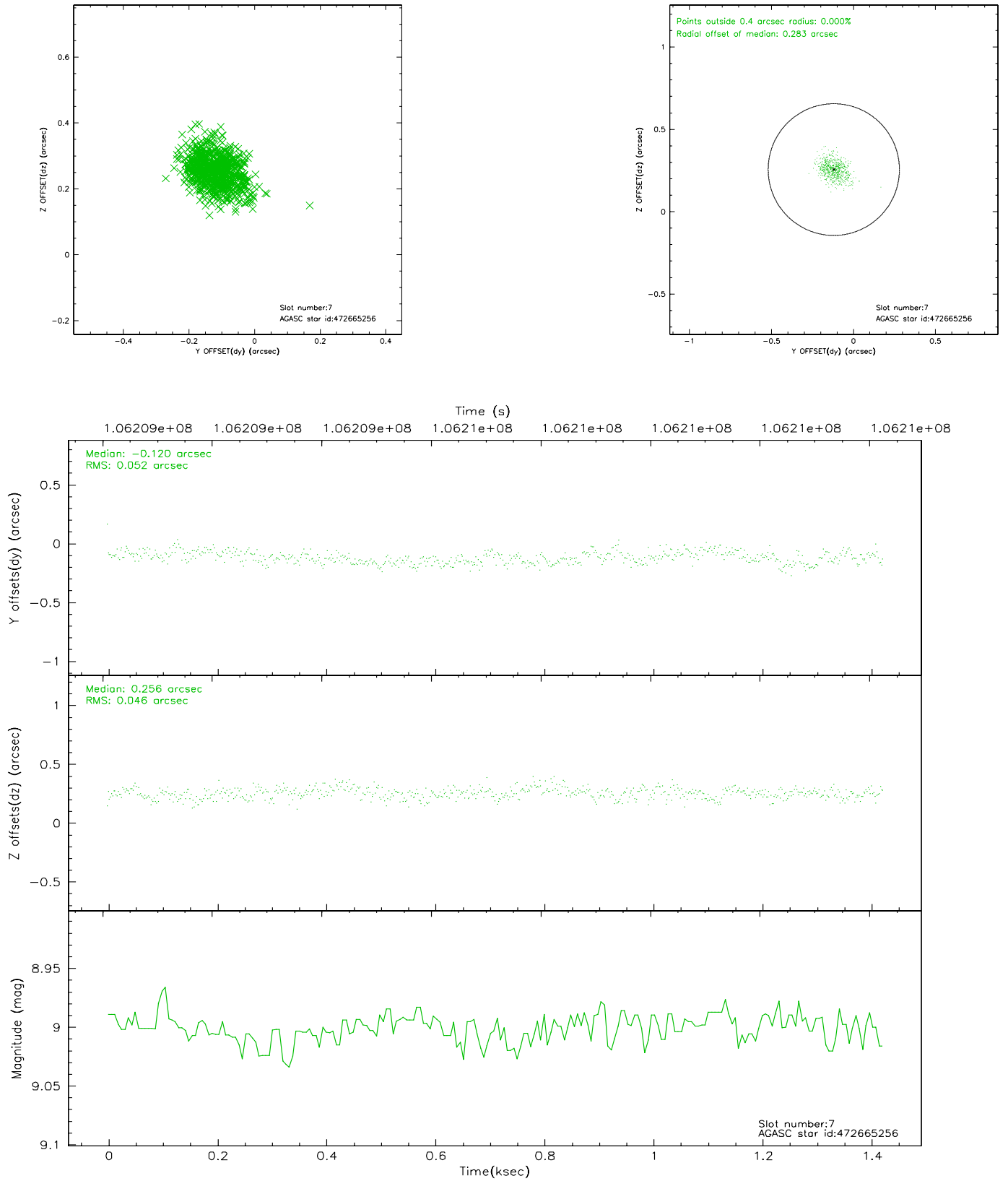
2.4.3 Slot 5



2.4.4 Slot 6

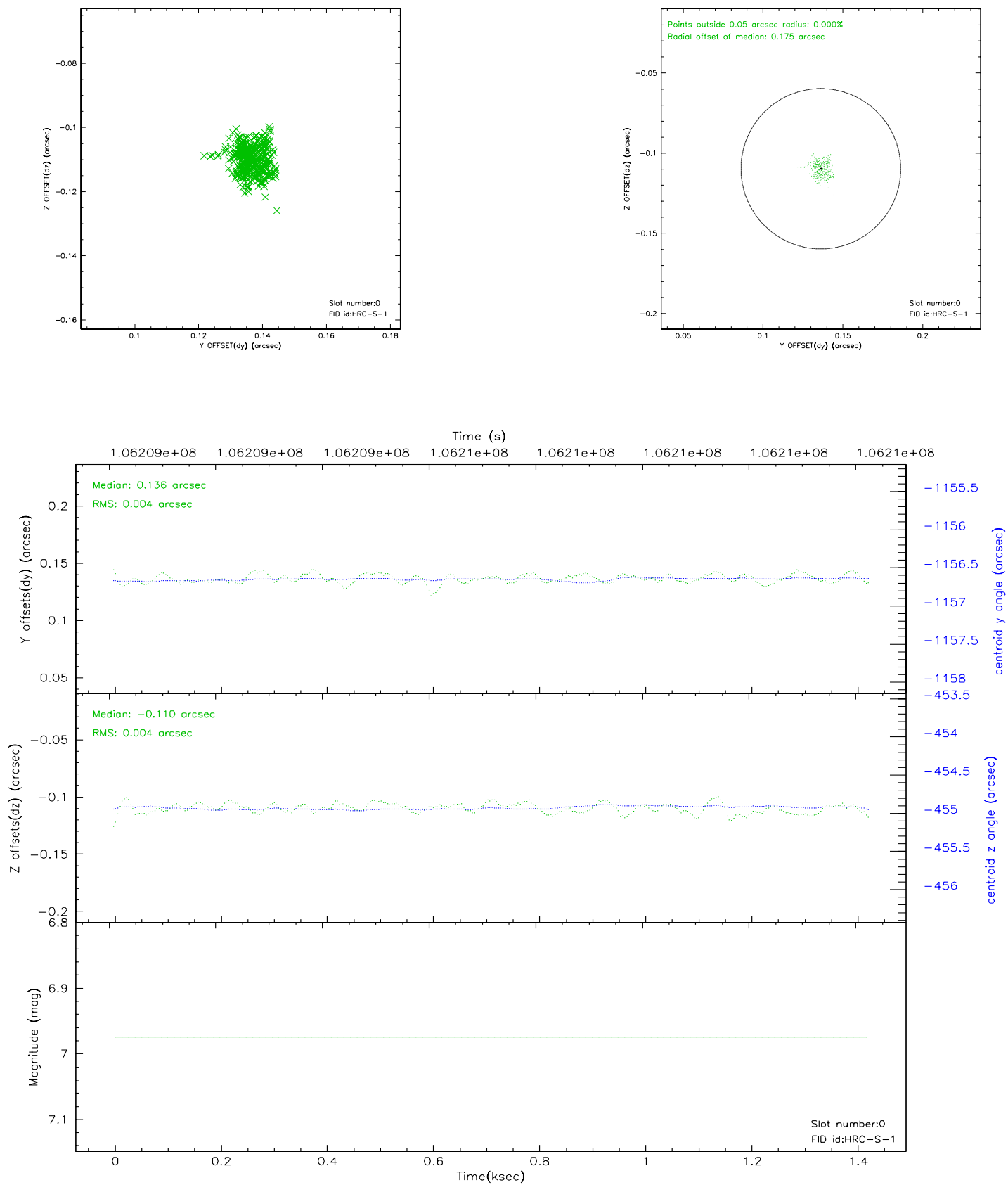


2.4.5 Slot 7

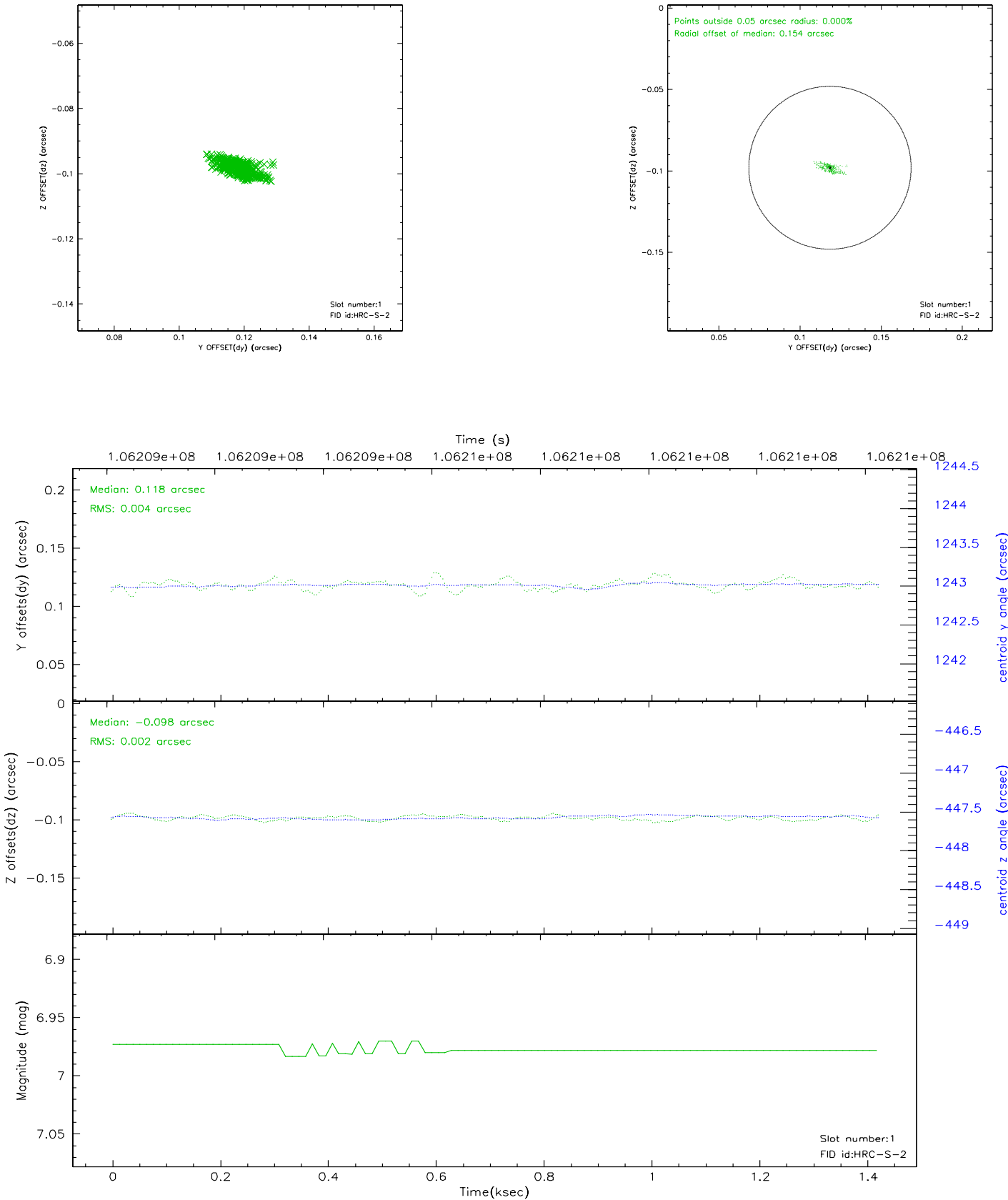


2.5 FID Slots

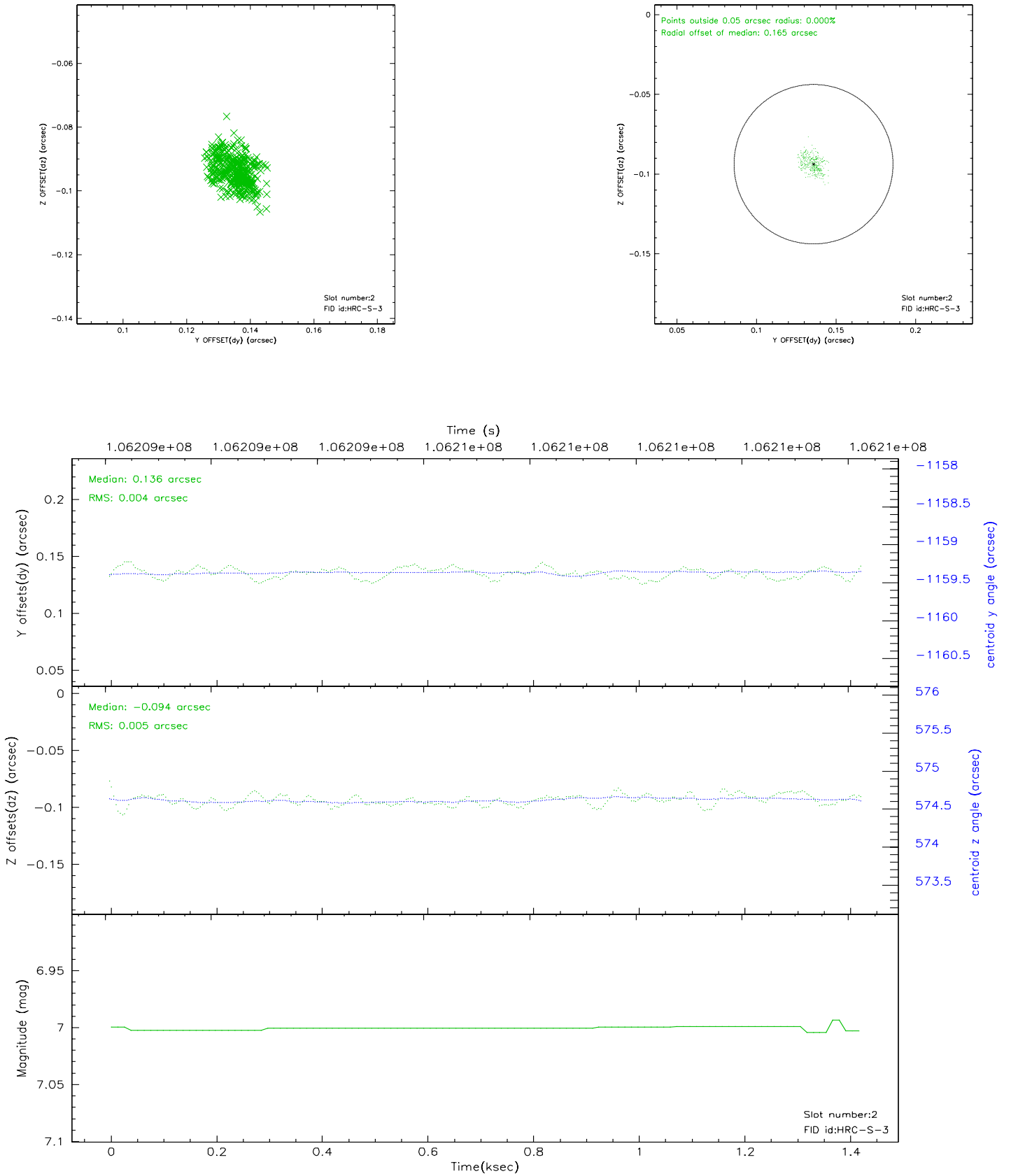
2.5.1 Slot 0



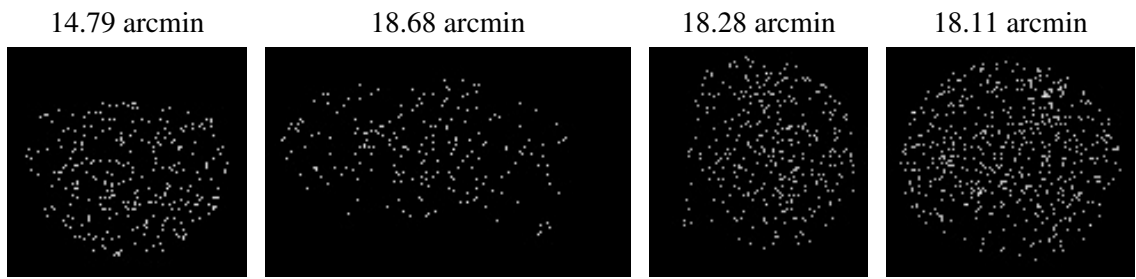
2.5.2 Slot 1



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	1.423

A.2 Comments