

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2371 - L2 Version 001
Chandra X-Ray Center

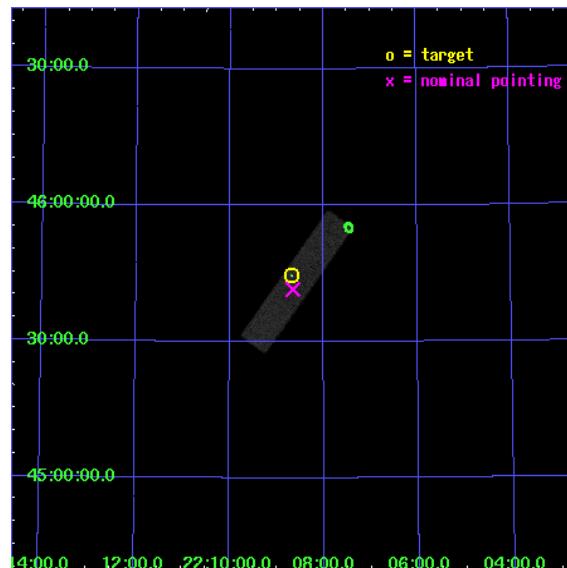
L2 Processing Date : Jun 21 2007

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

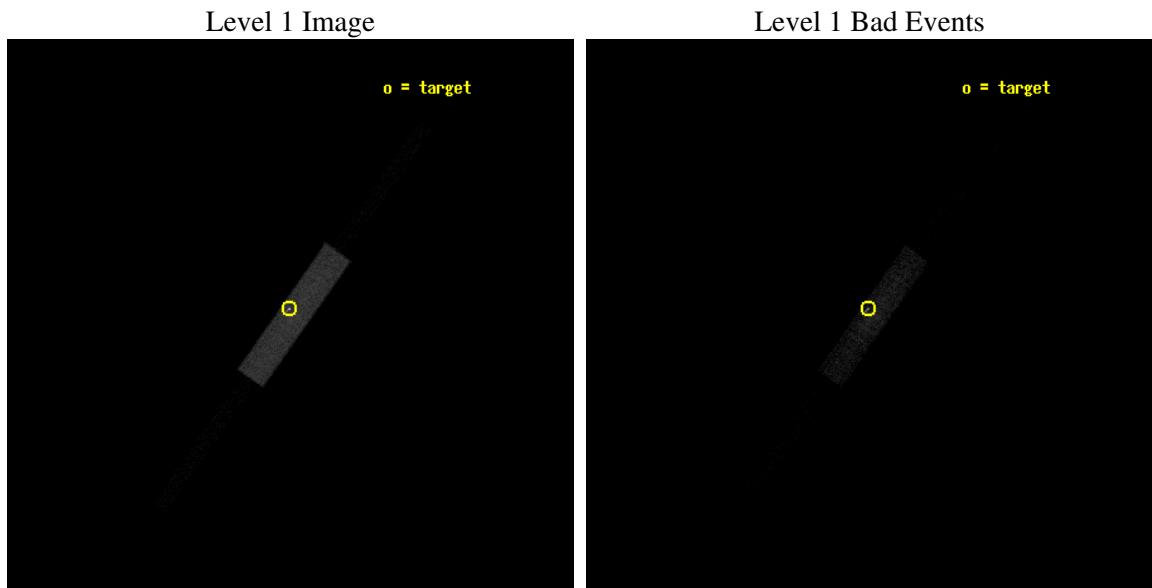
seq_num	290117
obs_id	2371
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC,HRC-S,AO2
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.16366738394
dec_nom	45.692045767651
roll_nom	305.18540703024
revision	4
ontime	1142.1062936932
livetime	1136.6300608744
l2events	35051



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-21T15:10:29
revision	3

sched_exp_time	1000.000000
ontime	1142.1062936932
l1events	62280

2.1.3 Events

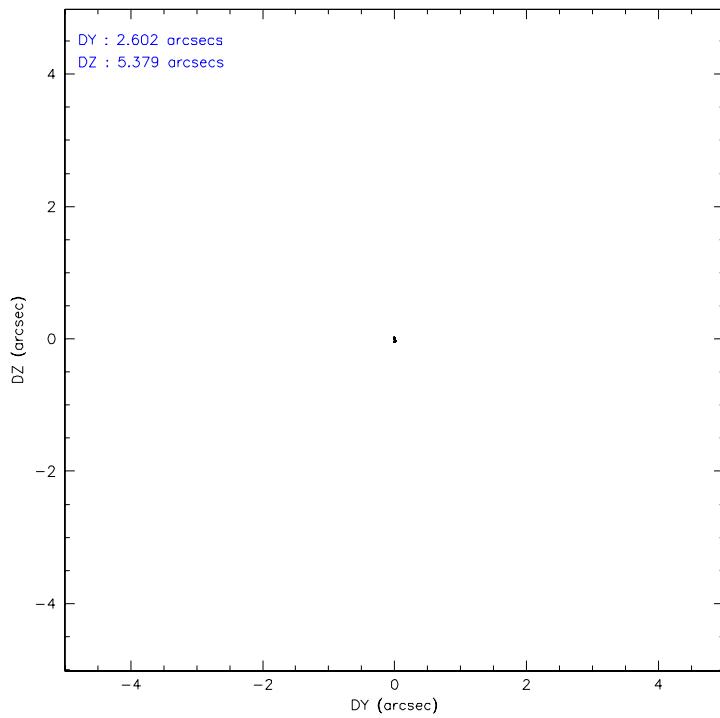
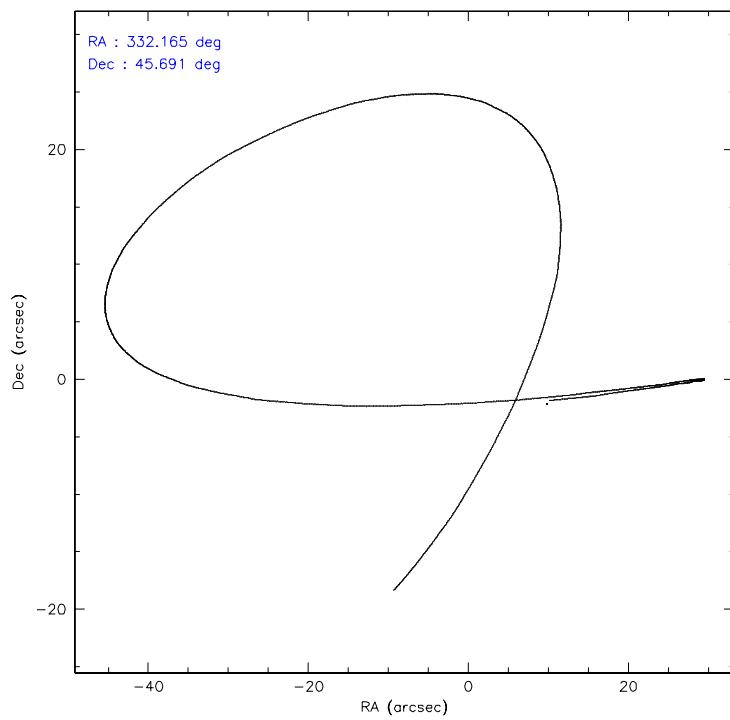
Level 1 Events

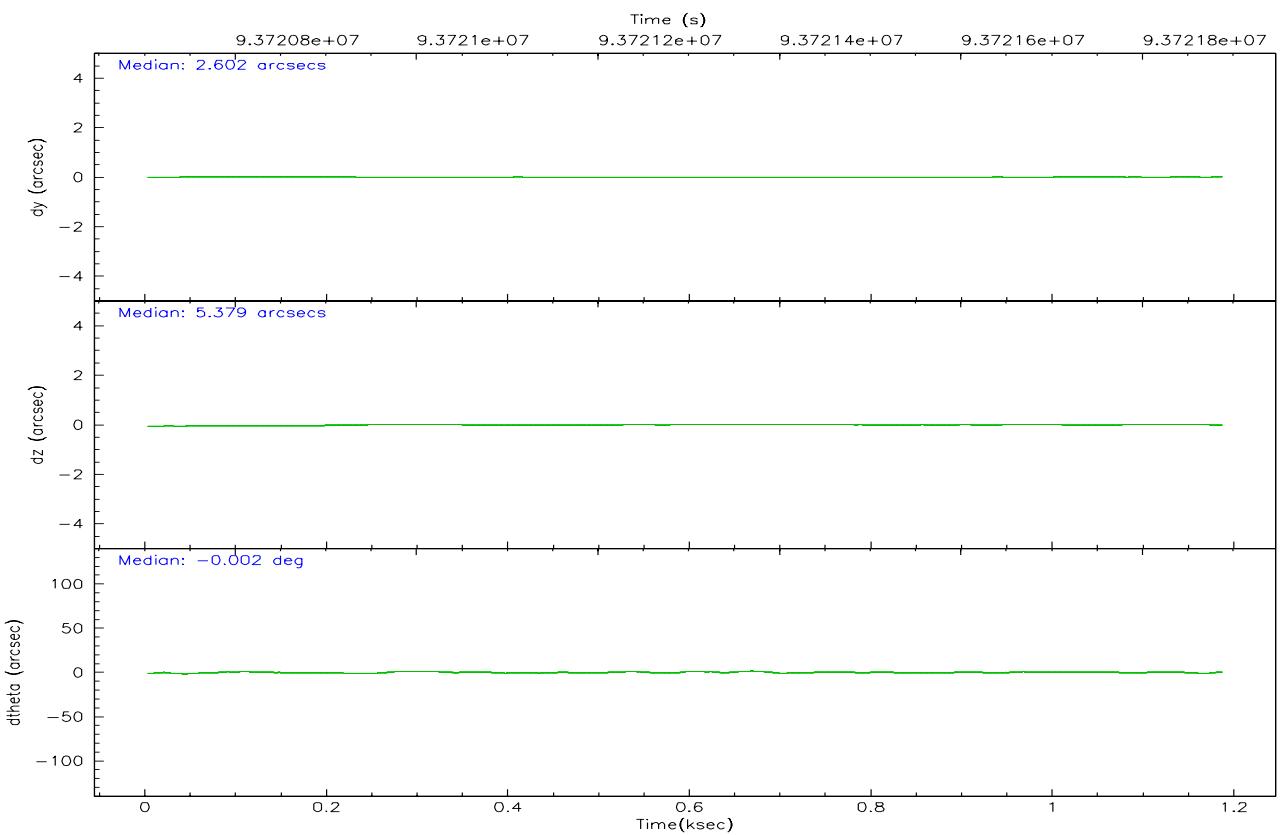
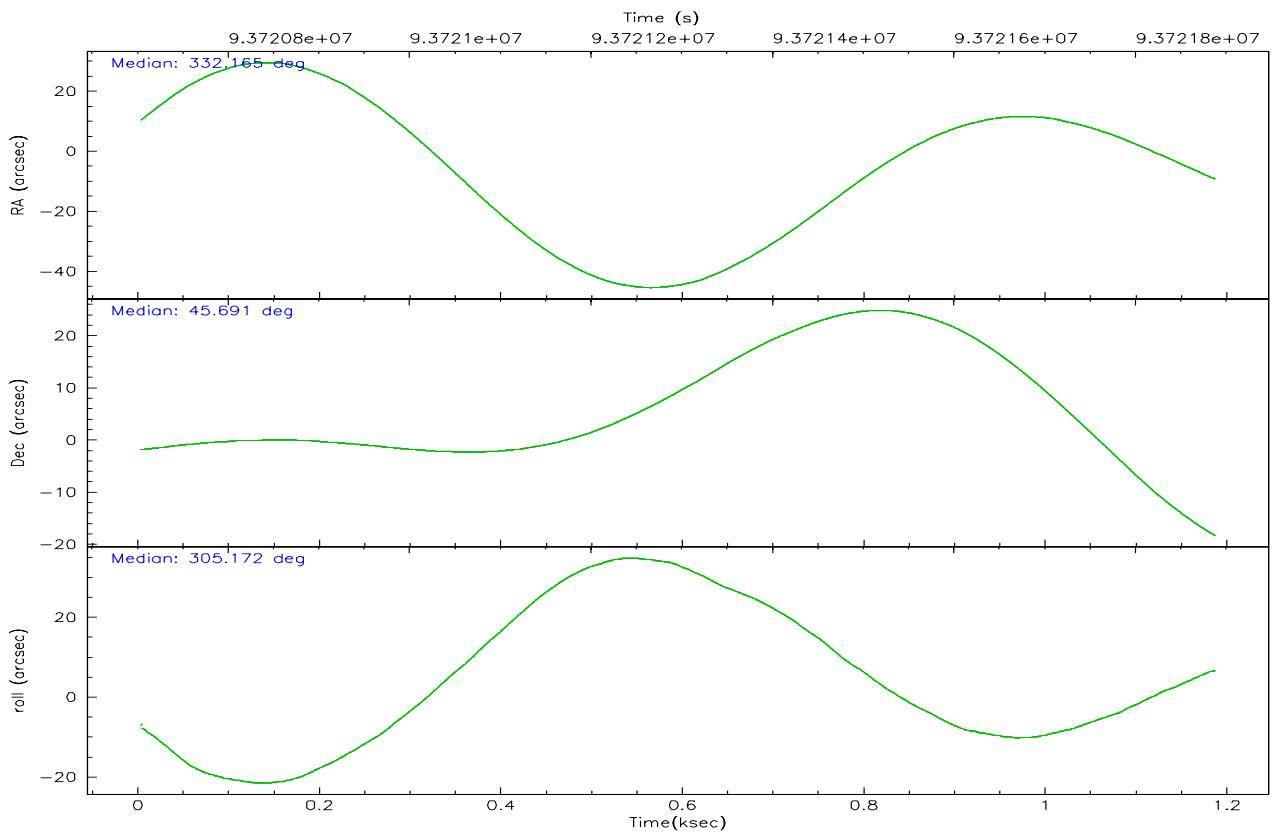
	segment 1	segment 2	segment 3
level 1 events	953	60347	980
rejected events	953	22667	980
rejected %	100%	37%	100%

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	332.124130	332.1636673839398			
Pointing Dec	45.702662	45.69204576765127			
Pointing Roll	305.146380	305.1854070302435			
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	93720892.184000	93720515.901489			
Observation start date	2000-12-20T17:33:48	2000-12-20T17:28:35			
Observation end time	93721892.184000	93722025.726547			
Observation end date	2000-12-20T17:50:28	2000-12-20T17:53:45			

2.3 Aspect



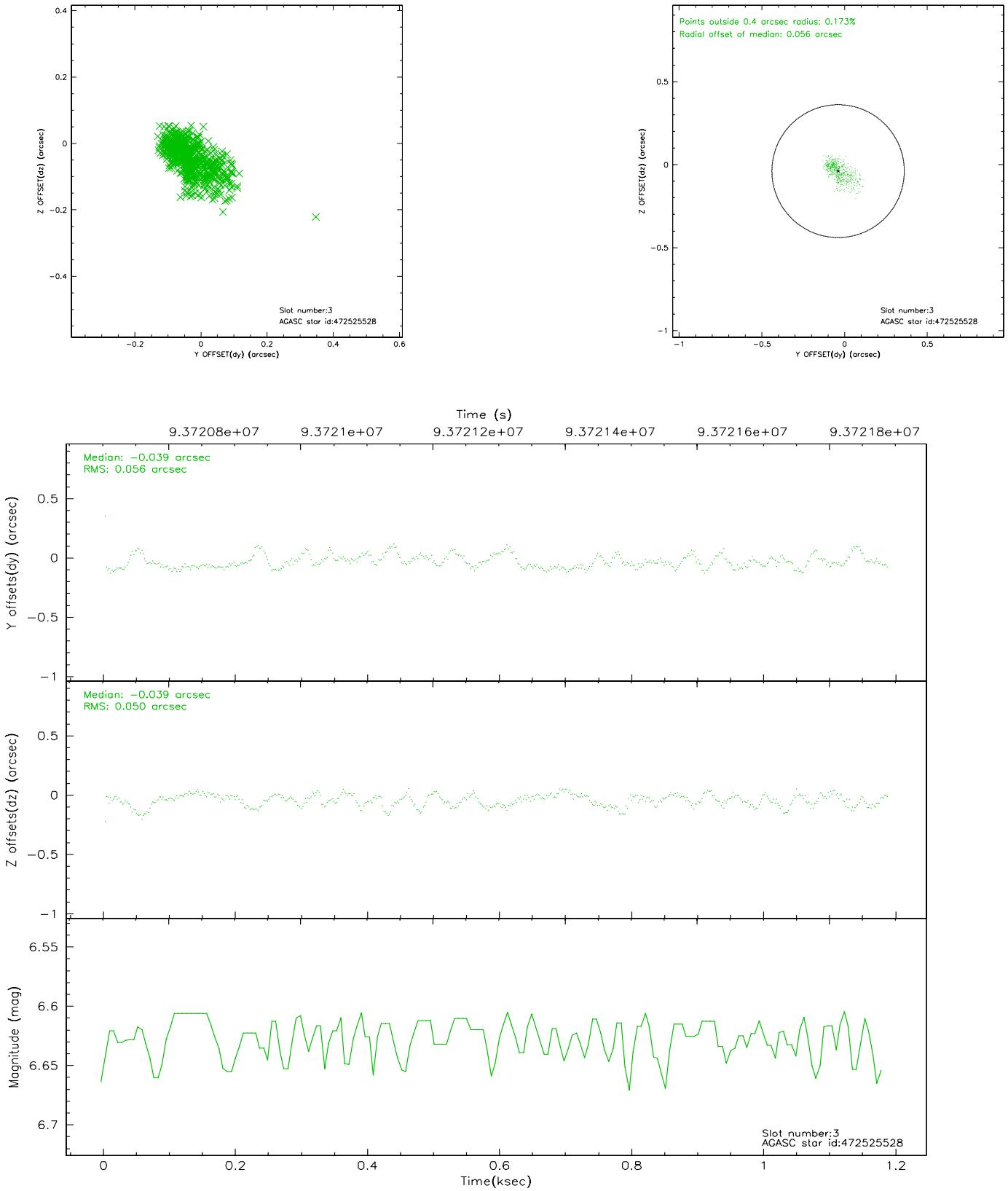


Slot Statistics

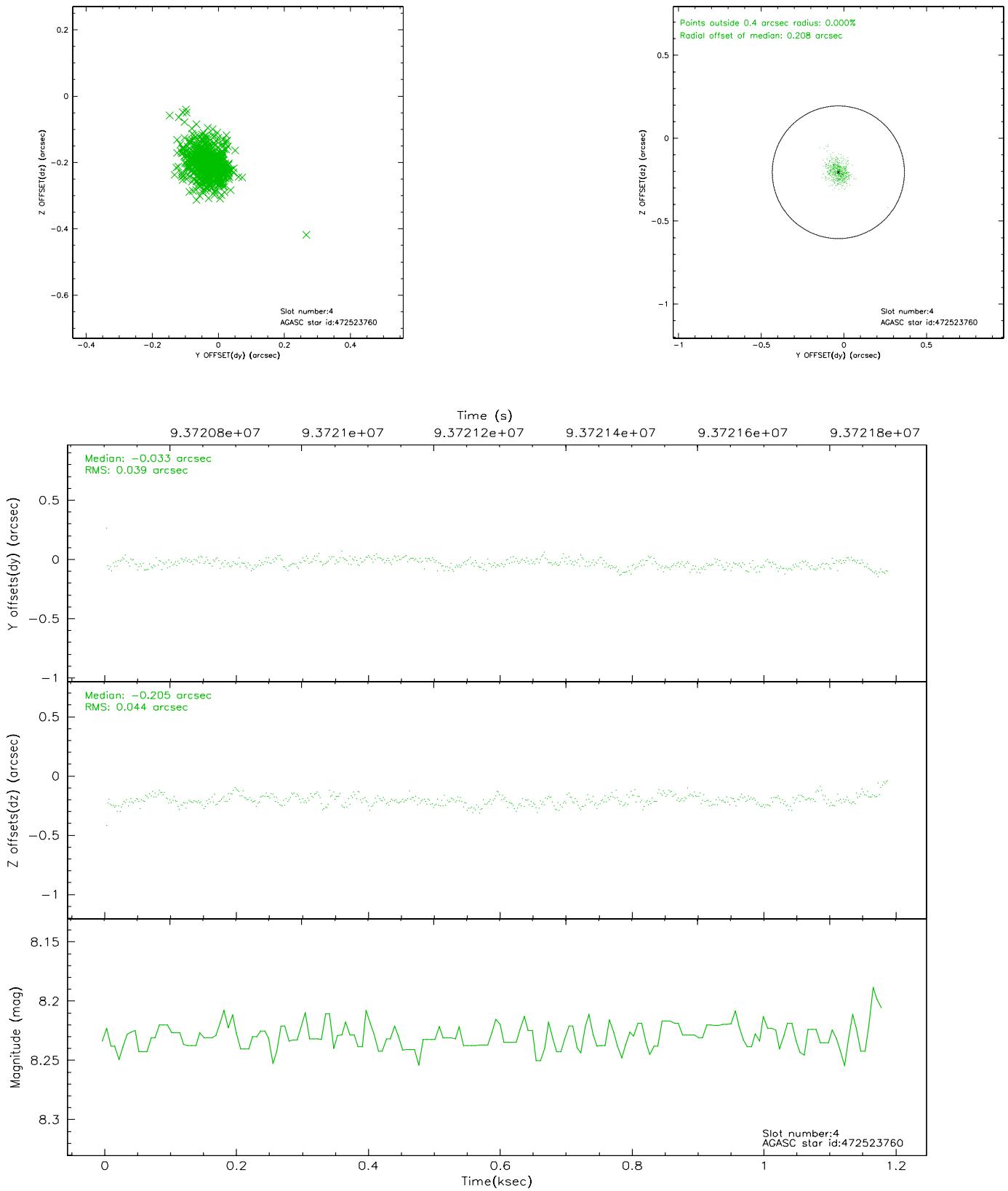
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	289	0.132	-0.157	0.006	0.012	0.000000	0.000000	-1156.65	-453.88
1	FID	HRC-S-2	6.97	289	0.130	-0.102	0.005	0.009	0.000000	0.000000	1239.03	-448.09
2	FID	HRC-S-3	7.00	289	0.127	-0.043	0.008	0.012	0.000000	0.000000	-1155.06	574.21
3	GUIDE	472525528	6.63	579	-0.039	-0.039	0.074	0.136	331.551102	45.248694	494.89	-2129.85
4	GUIDE	472523760	8.23	579	-0.033	-0.205	0.058	0.098	331.645363	45.403260	181.35	-1616.28
5	GUIDE	472659832	9.48	579	-0.057	-0.008	0.094	0.143	332.780399	46.098139	-228.31	2155.67
6	GUIDE	472655152	9.43	579	-0.030	0.117	0.084	0.149	332.504239	45.862991	72.57	1112.08
7	GUIDE	472646552	9.62	575	0.158	0.160	0.118	0.189	333.120915	45.571877	1816.56	1789.74

2.4 Star Slots

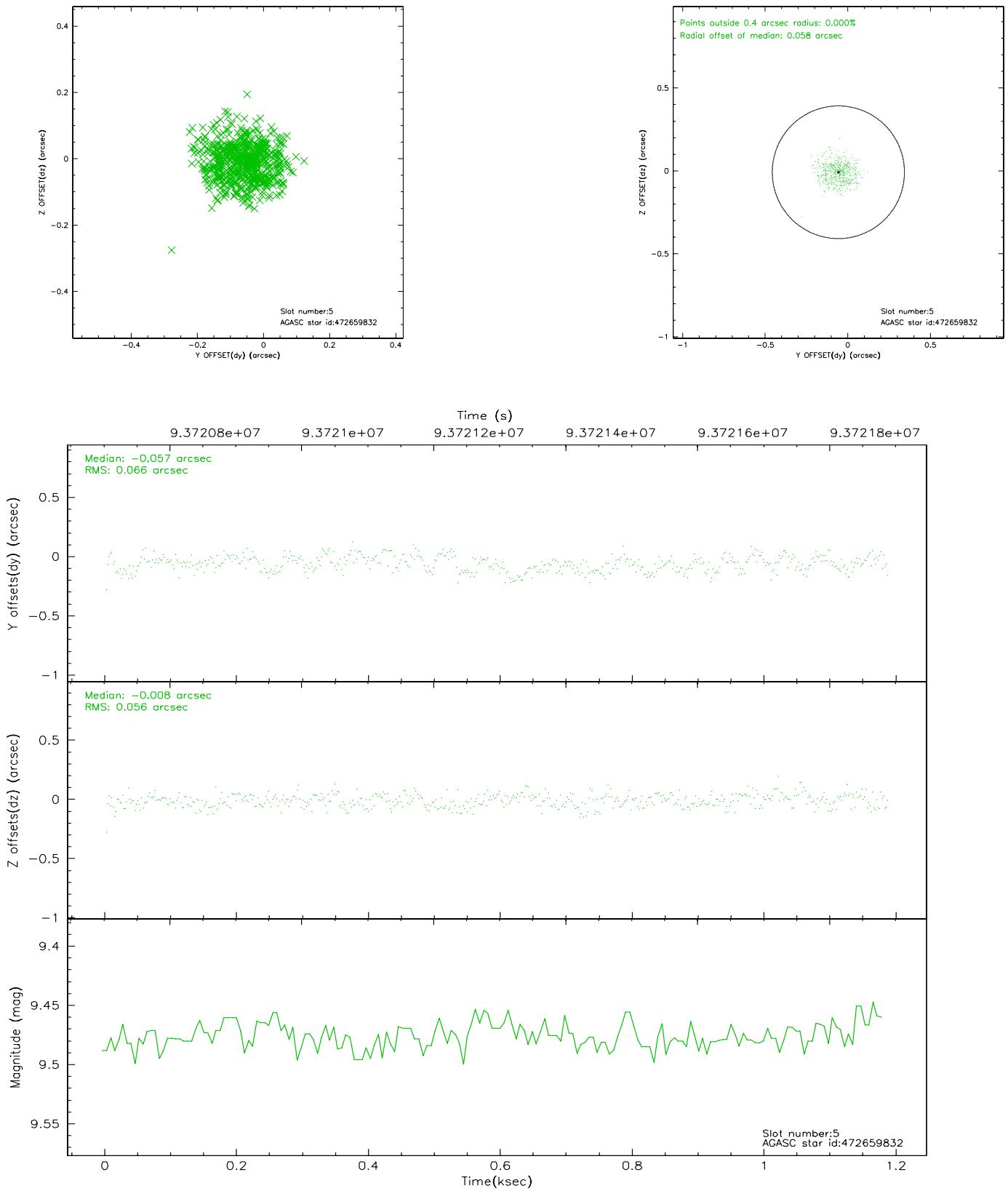
2.4.1 Slot 3



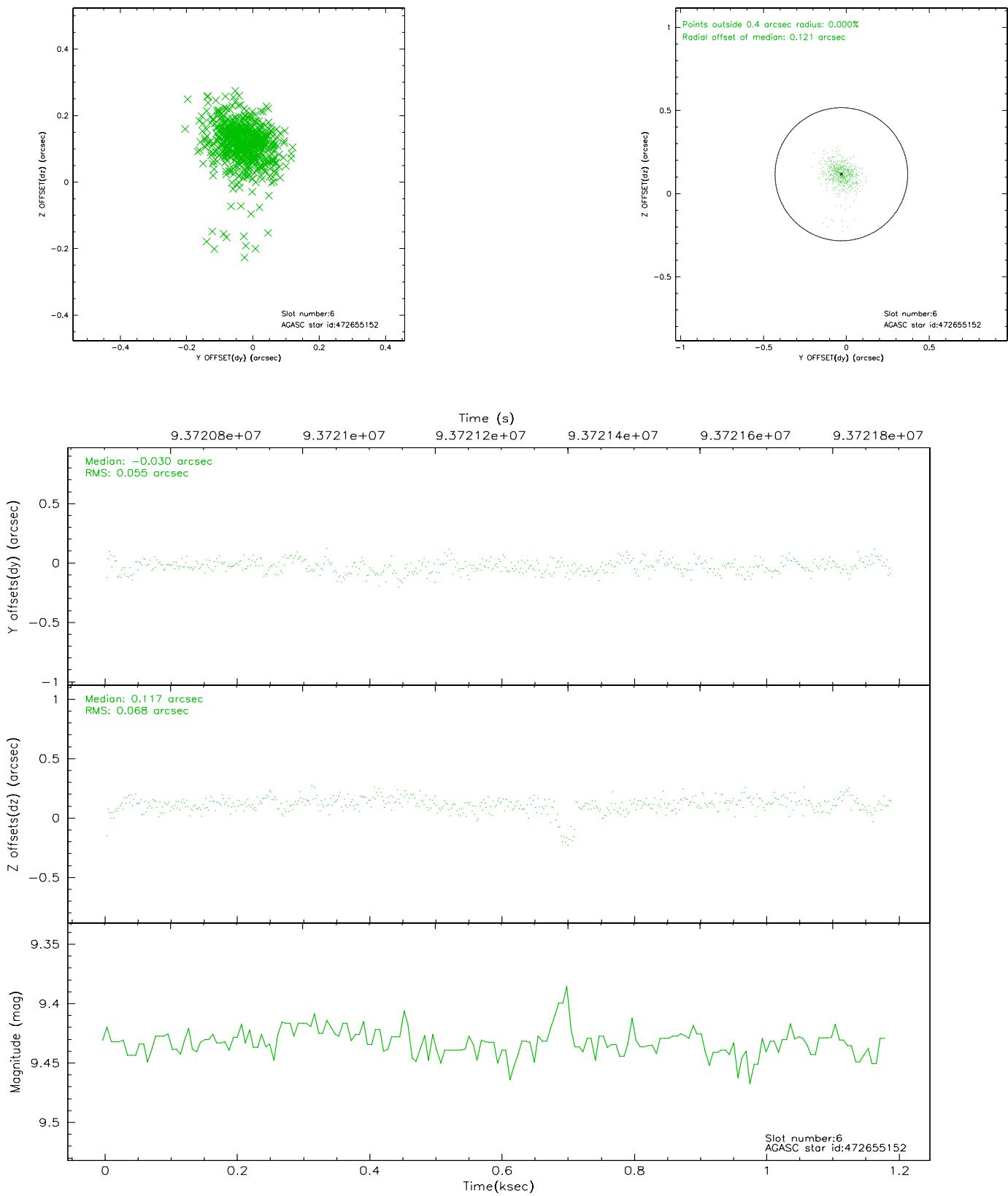
2.4.2 Slot 4



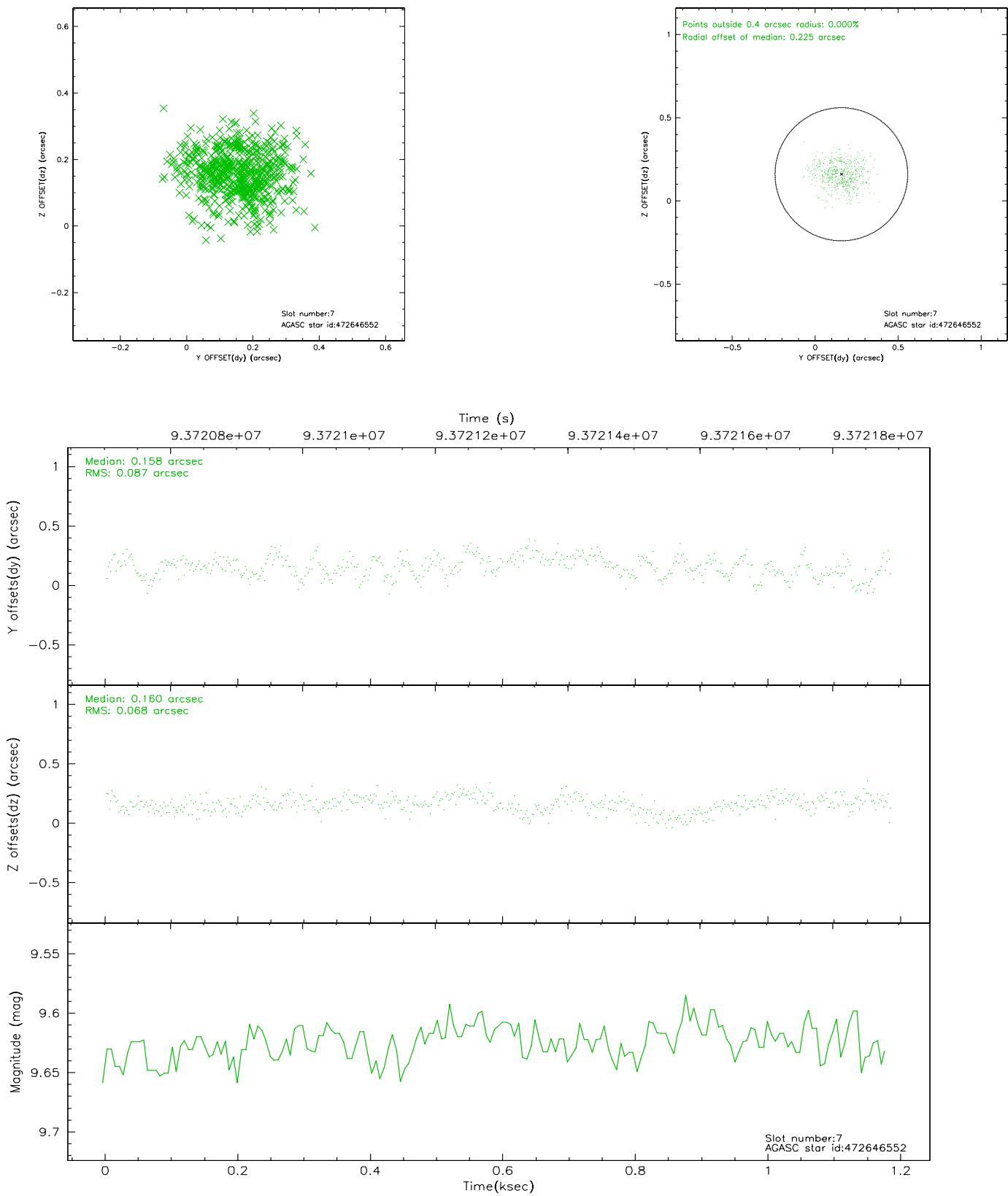
2.4.3 Slot 5



2.4.4 Slot 6

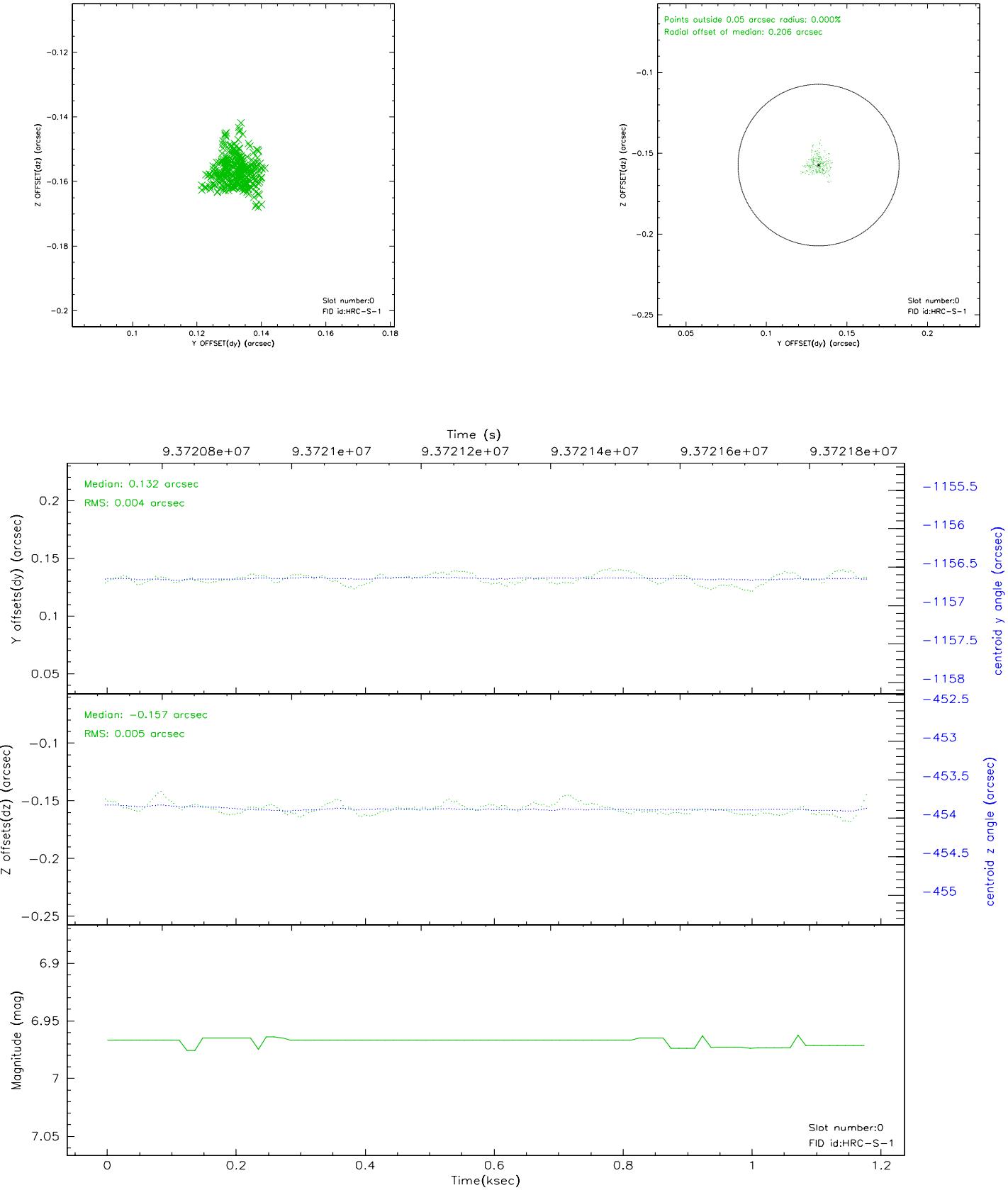


2.4.5 Slot 7

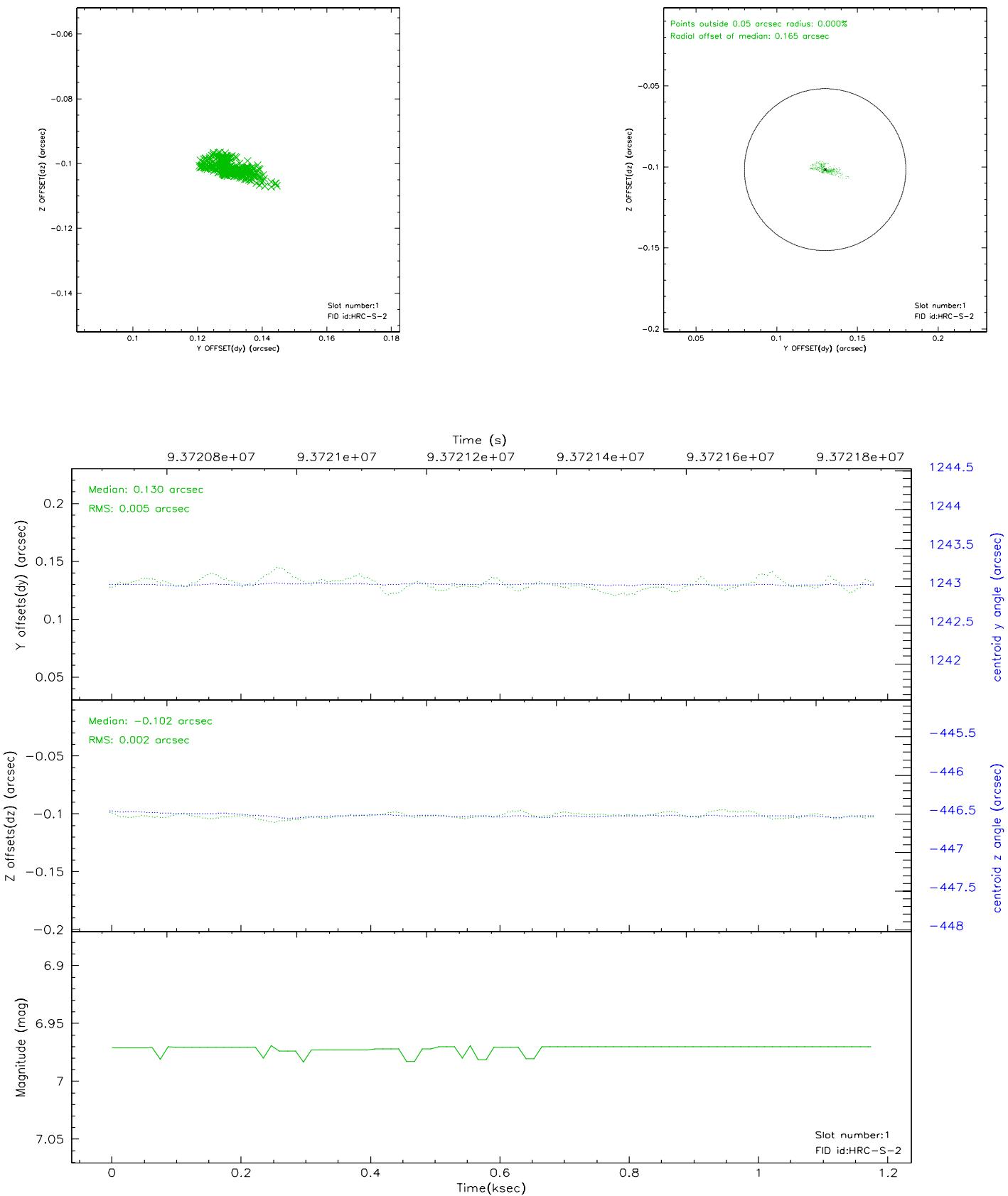


2.5 FID Slots

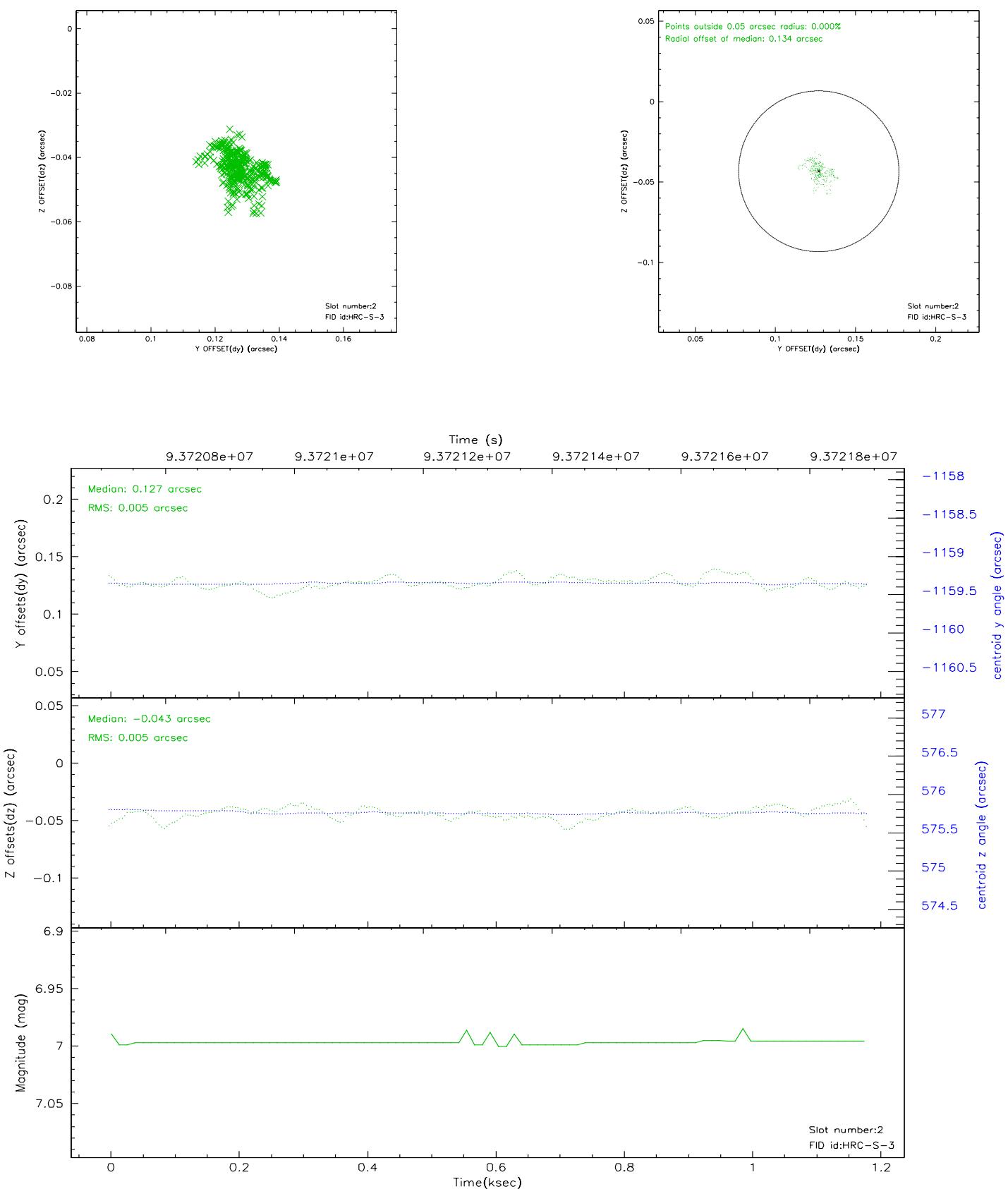
2.5.1 Slot 0



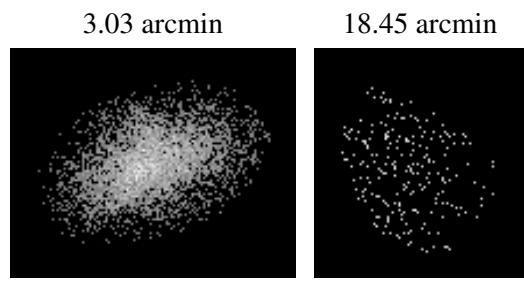
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.184

A.2 Comments

Charge time for this ObsId remains at previous value of 1.184 ks, although with the current processing the charge time would have been 1.14 ksec.