

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2378 - L2 Version 001
Chandra X-Ray Center

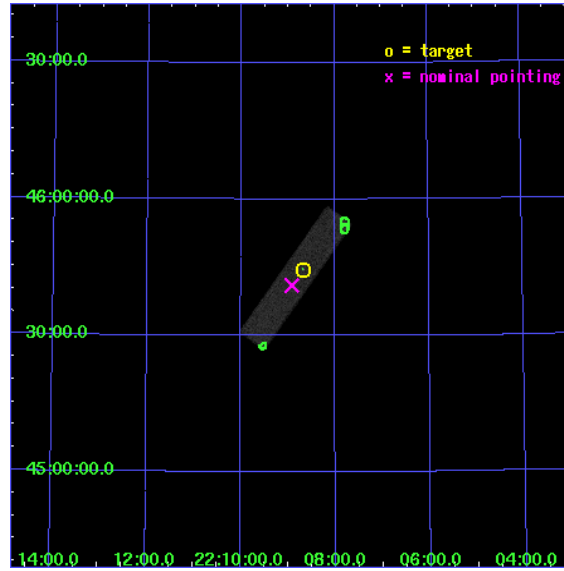
L2 Processing Date : Jun 21 2007

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

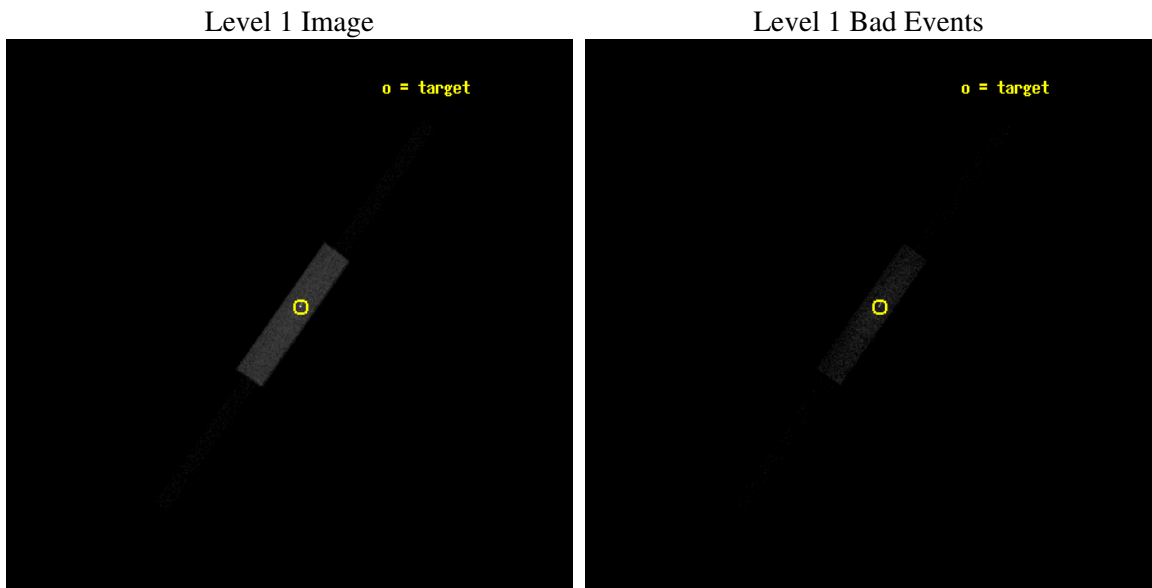
seq_num	290124
obs_id	2378
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC,HRC-S,AO2
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.22920472029
dec_nom	45.684363342043
roll_nom	305.23818823464
revision	4
ontime	1143.131293714
livetime	1137.4191724304
l2events	37050



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	2007-06-21T16:36:50
revision	3

sched_exp_time	1000.000000
ontime	1143.131293714
l1events	64827

2.1.3 Events

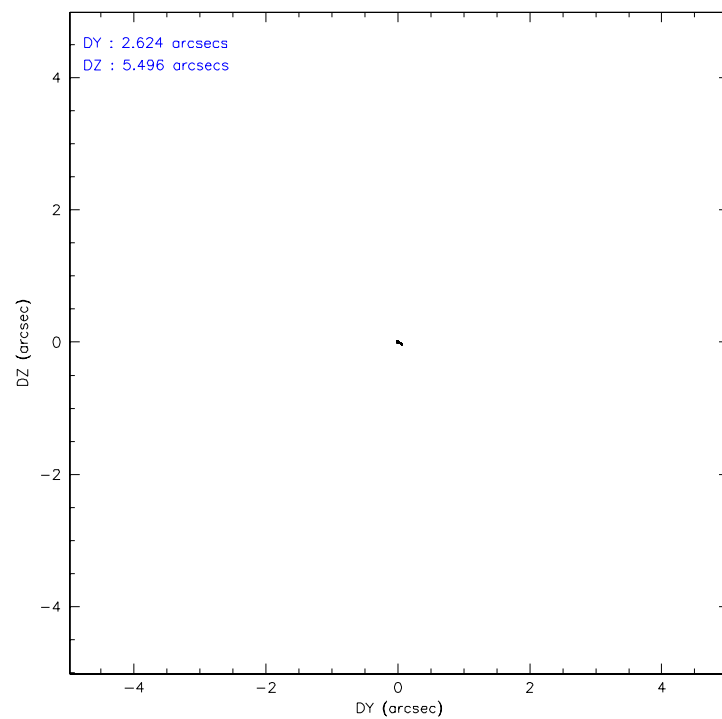
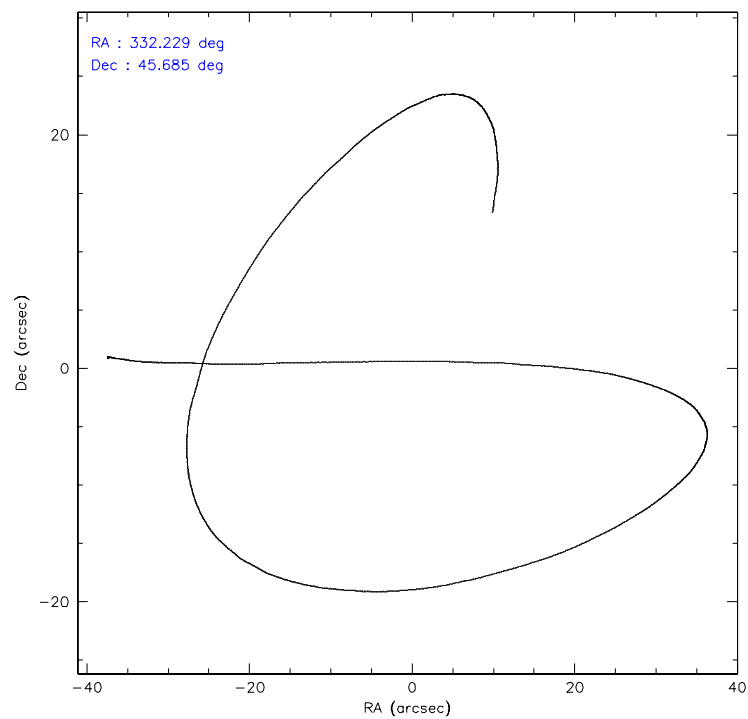
Level 1 Events

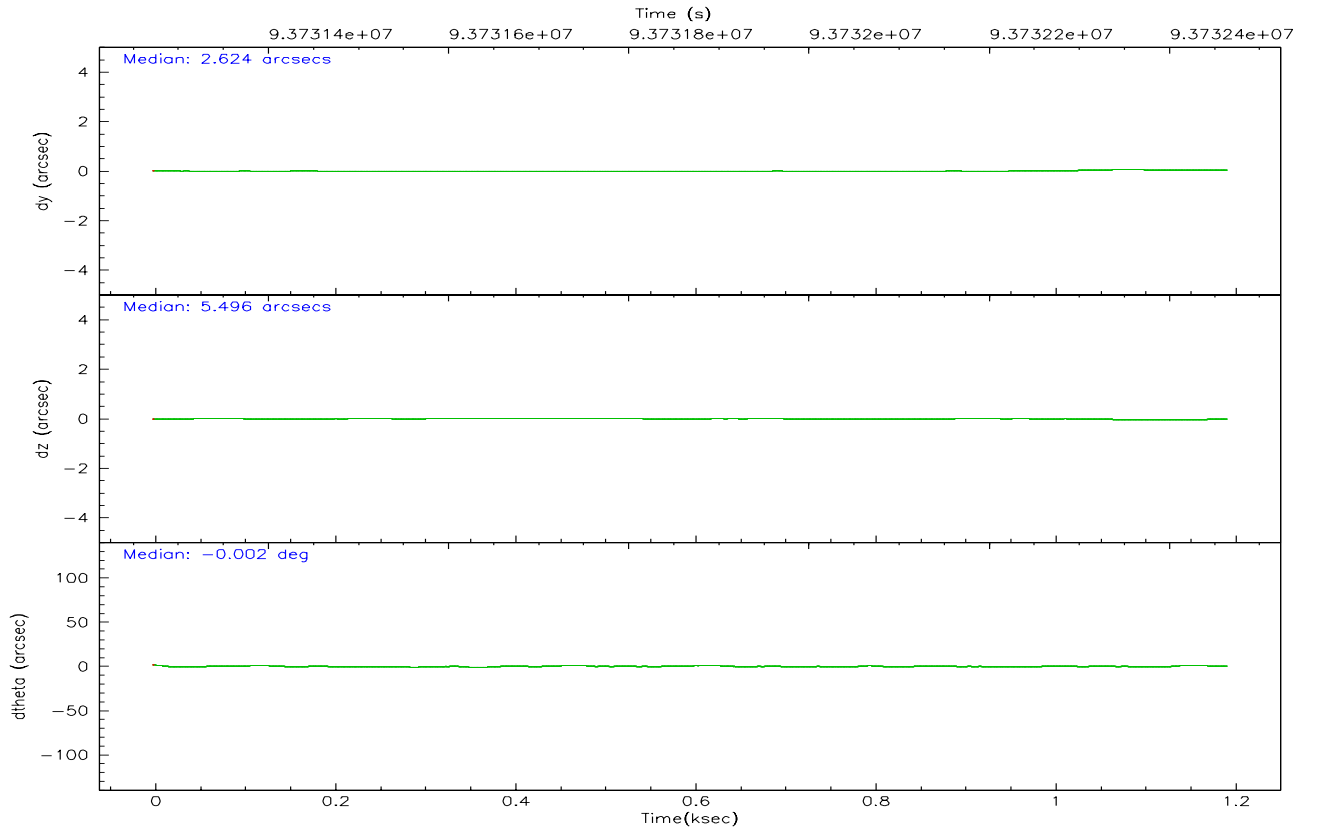
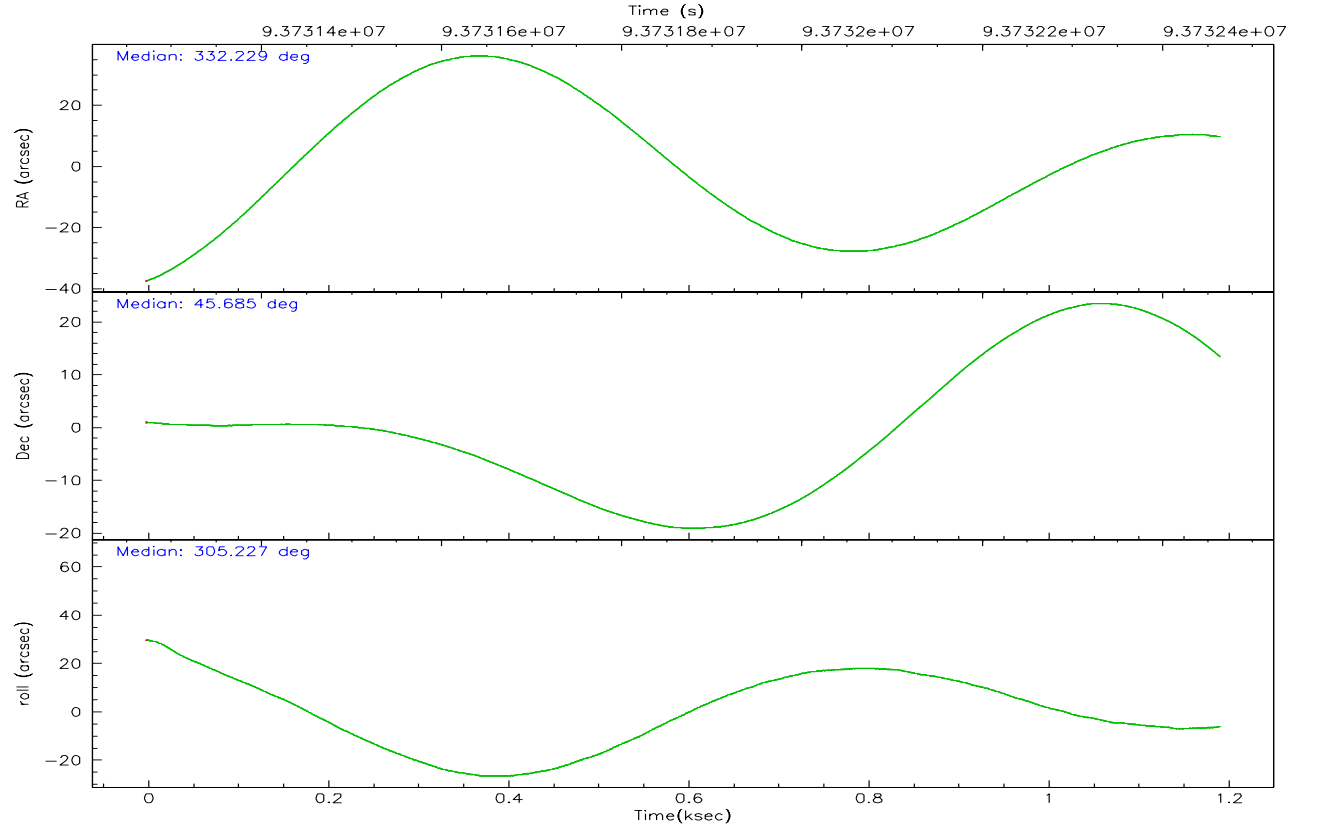
	segment 1	segment 2	segment 3
level 1 events	990	62859	978
rejected events	990	23279	978
rejected %	100%	37%	100%

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	332.190749	332.2292047202859			
Pointing Dec	45.694592	45.68436334204289			
Pointing Roll	305.198393	305.2381882346365			
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	93731462.184000	93731086.214394			
Observation start date	2000-12-20T20:29:58	2000-12-20T20:24:46			
Observation end time	93732462.184000	93732596.039451			
Observation end date	2000-12-20T20:46:38	2000-12-20T20:49:56			

2.3 Aspect



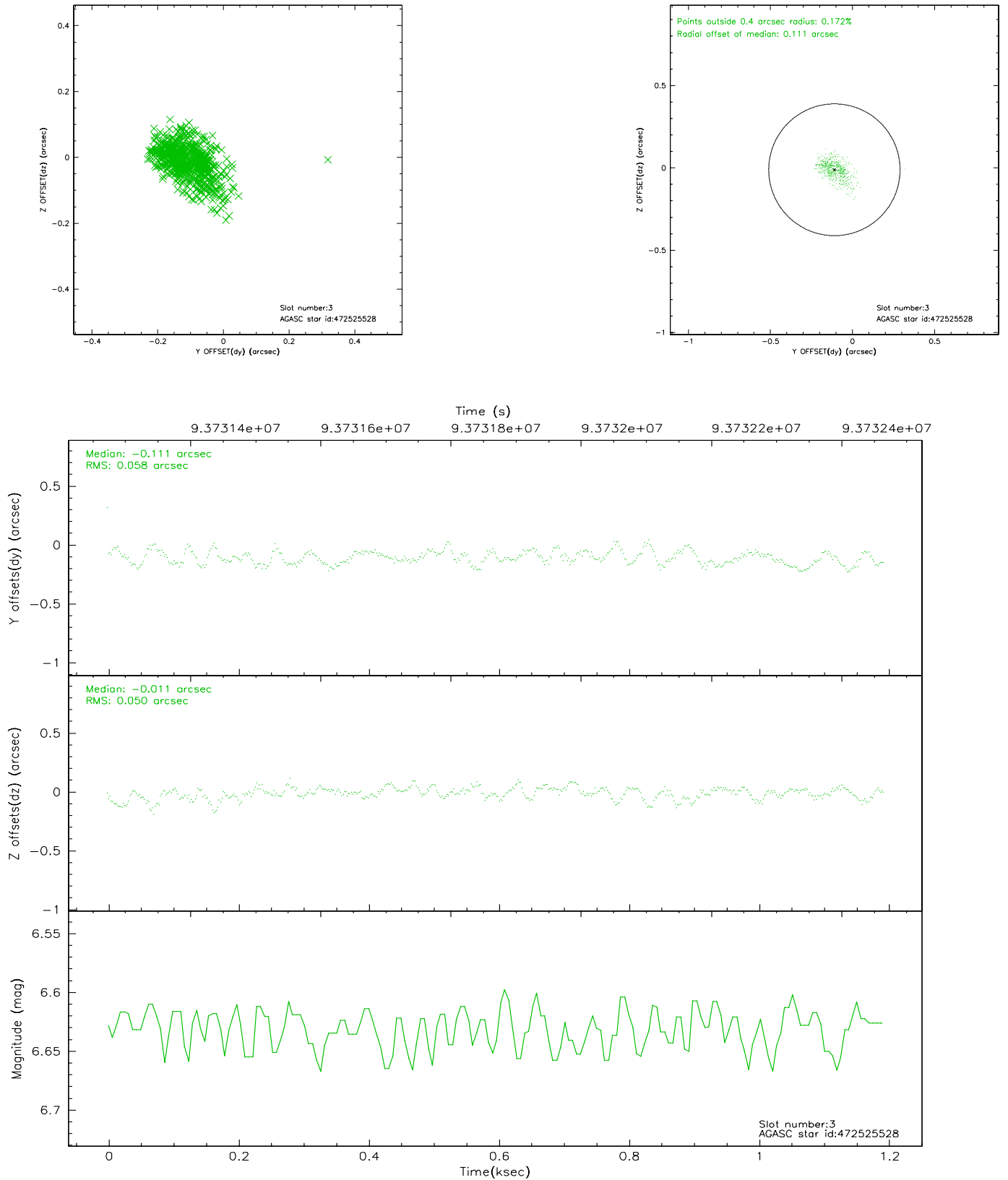


Slot Statistics

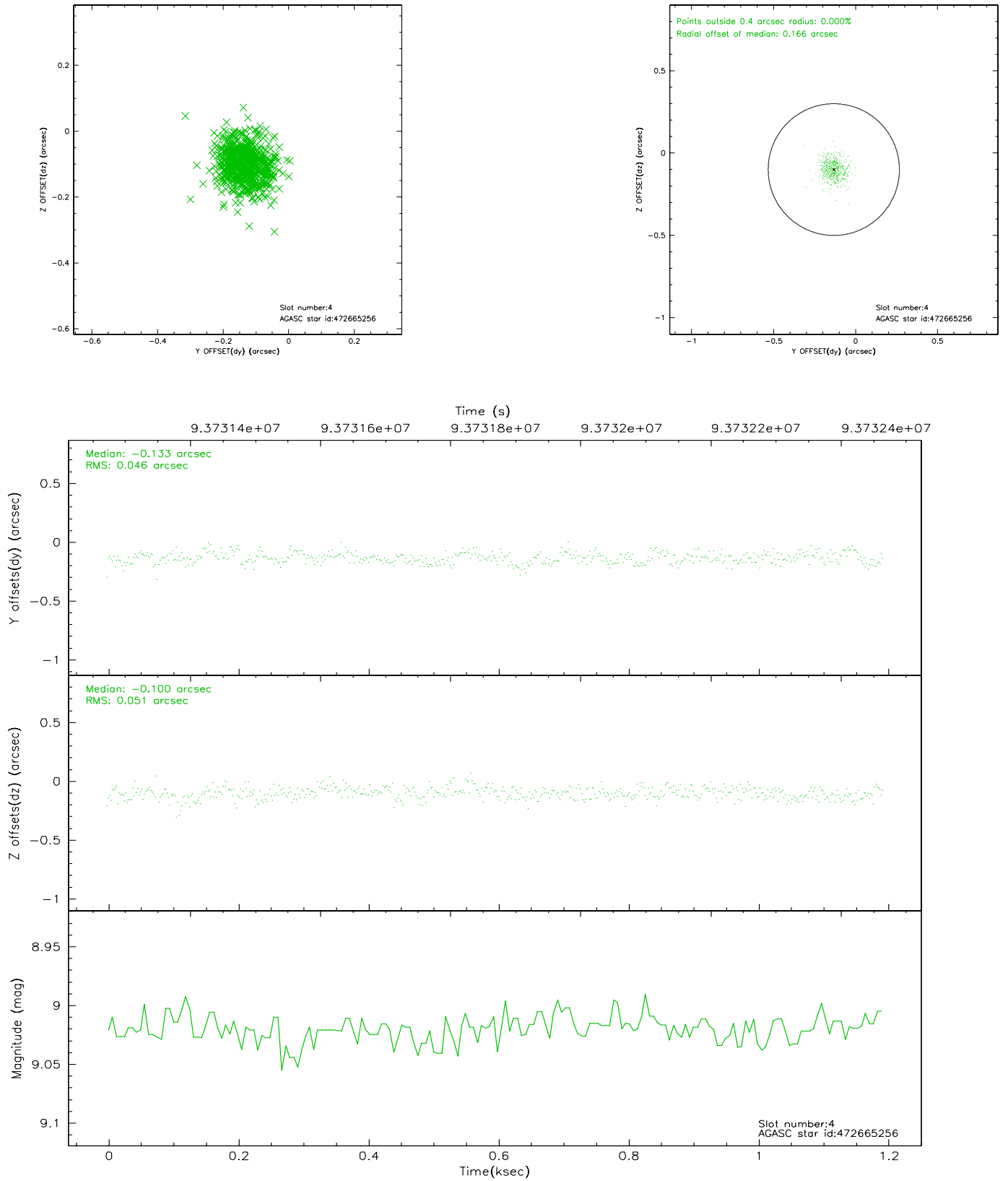
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	292	0.136	-0.151	0.007	0.010	0.000000	0.000000	-1156.68	-453.99
1	FID	HRC-S-2	6.97	292	0.127	-0.102	0.004	0.008	0.000000	0.000000	1239.04	-448.20
2	FID	HRC-S-3	7.00	292	0.127	-0.050	0.007	0.010	0.000000	0.000000	-1155.14	574.10
3	GUIDE	472525528	6.63	583	-0.111	-0.011	0.078	0.129	331.551102	45.248694	373.56	-2249.20
4	GUIDE	472665256	9.02	582	-0.133	-0.100	0.072	0.117	332.808125	46.195041	-589.04	2292.04
5	GUIDE	420754040	9.09	583	0.071	-0.100	0.098	0.154	331.917939	44.882543	1987.62	-2251.73
6	GUIDE	472659832	9.47	582	-0.018	0.083	0.092	0.158	332.780399	46.098139	-338.93	2036.58
7	GUIDE	472646552	9.63	578	0.185	0.118	0.098	0.168	333.120915	45.571877	1701.46	1669.83

2.4 Star Slots

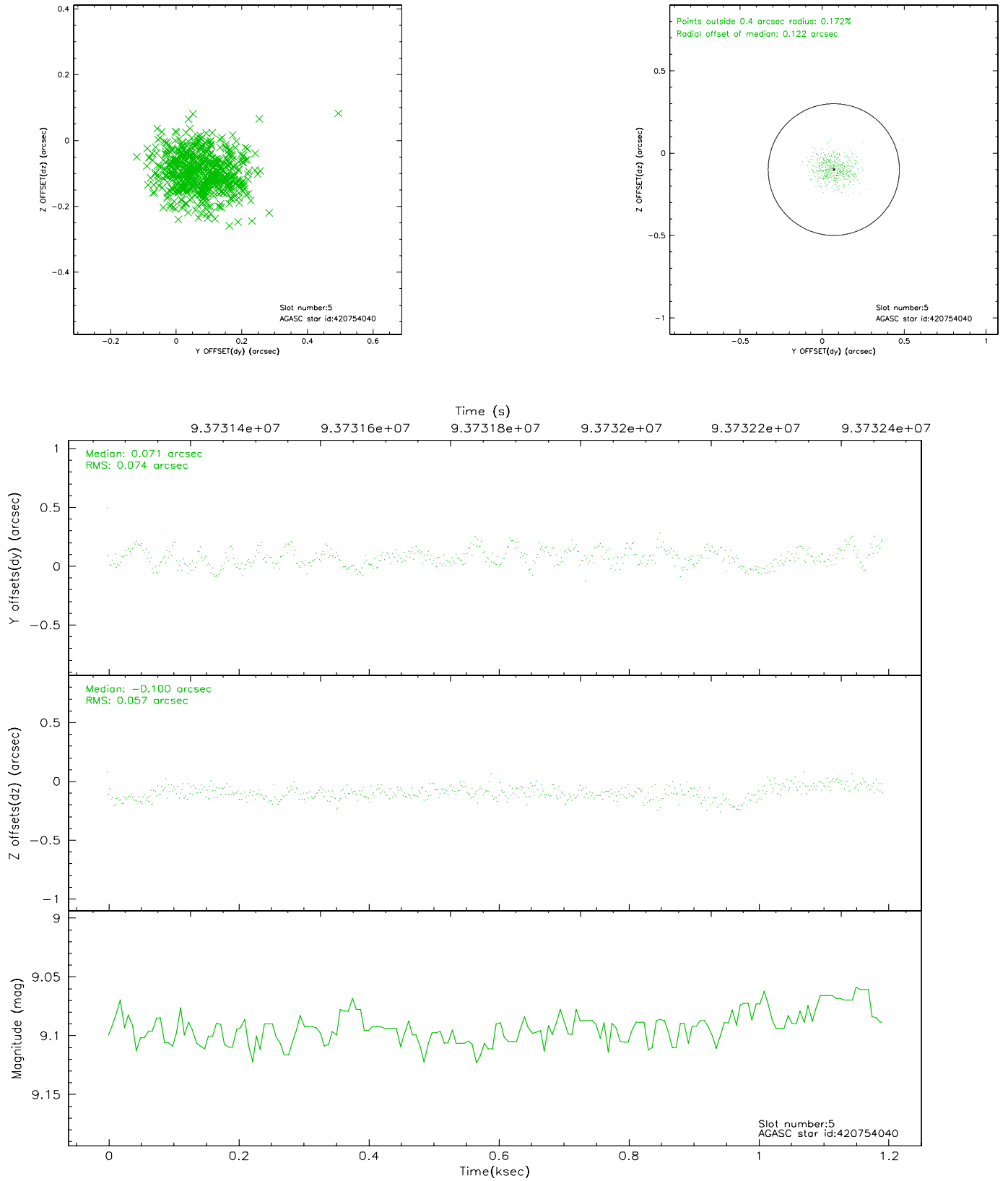
2.4.1 Slot 3



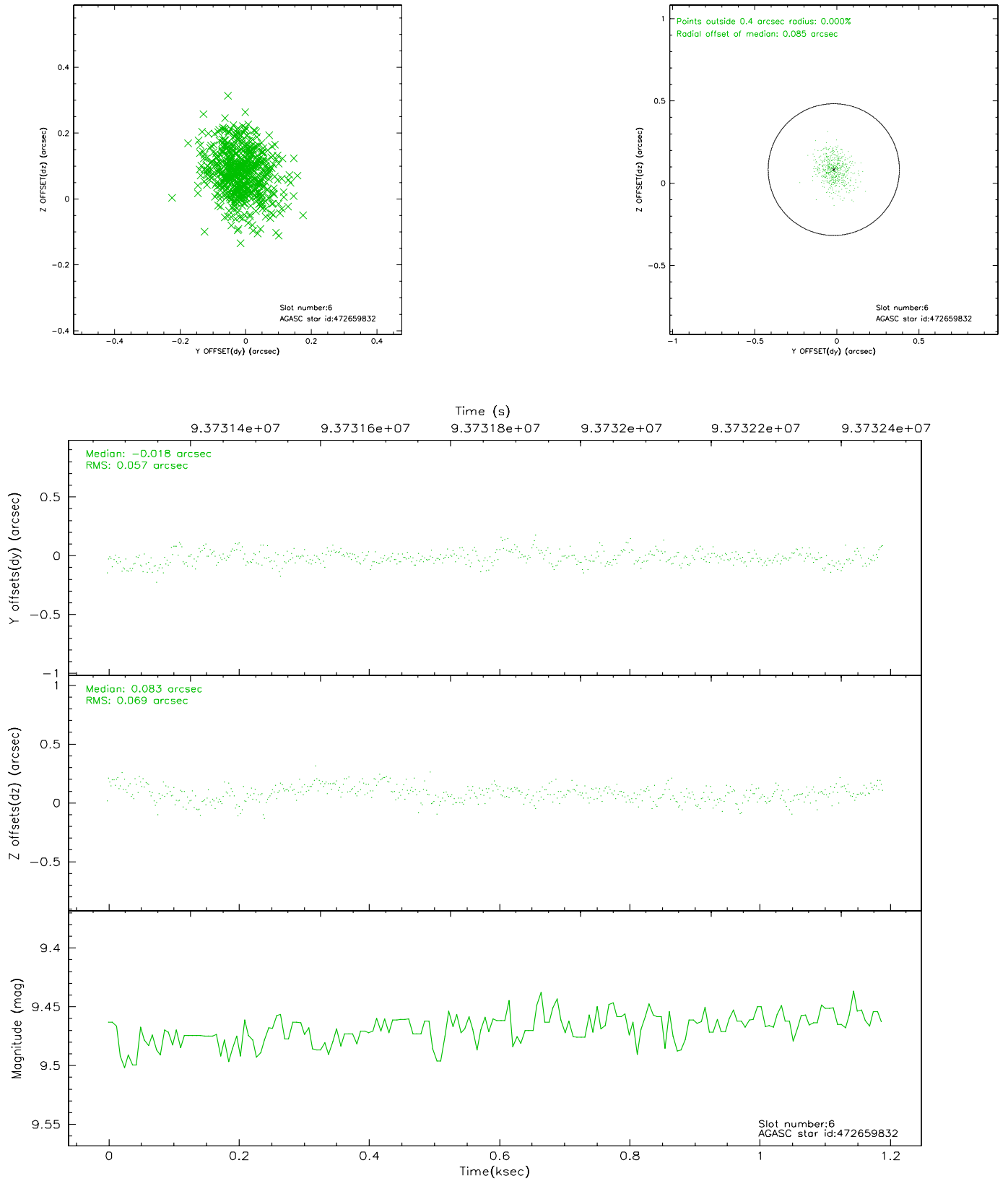
2.4.2 Slot 4



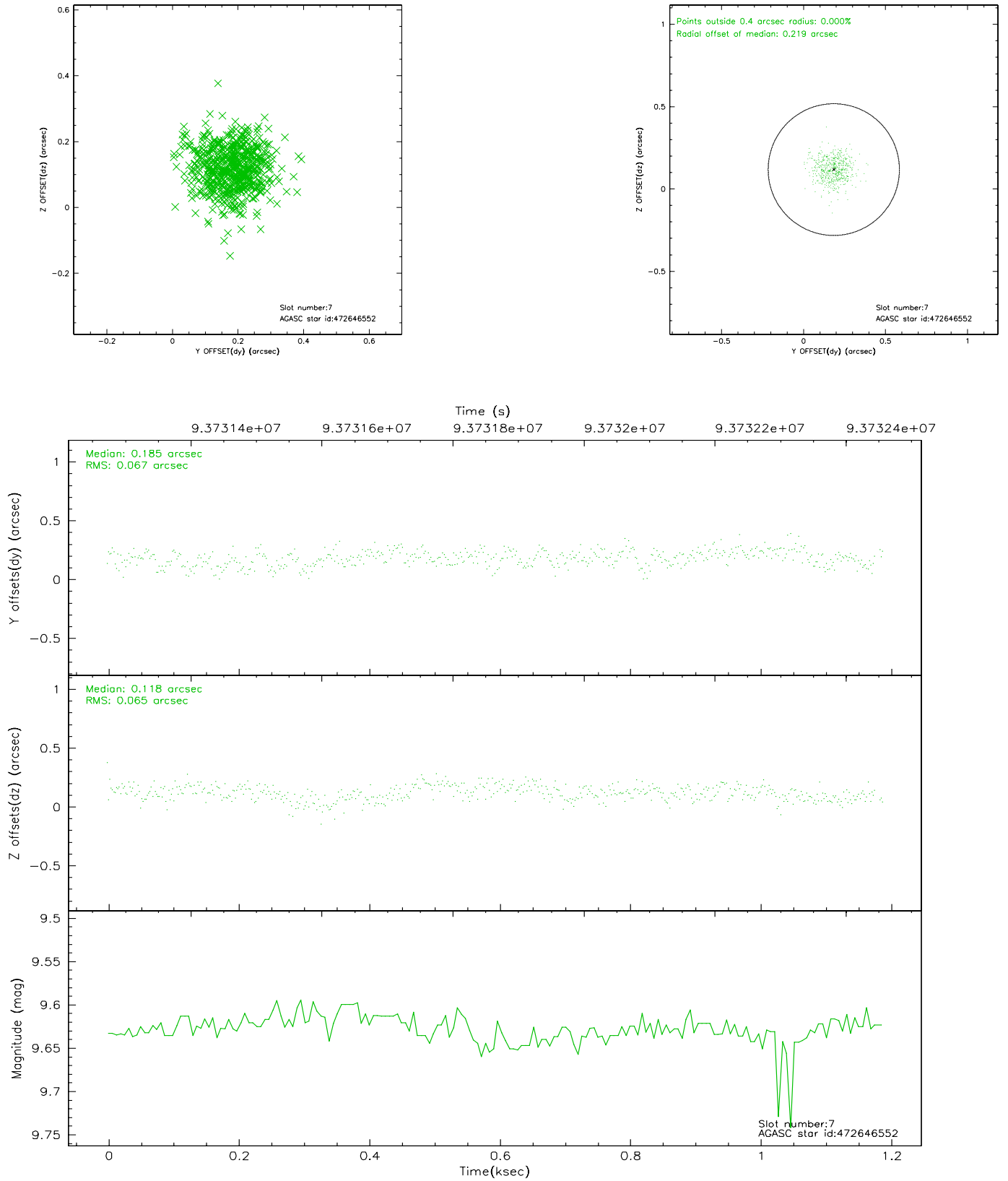
2.4.3 Slot 5



2.4.4 Slot 6

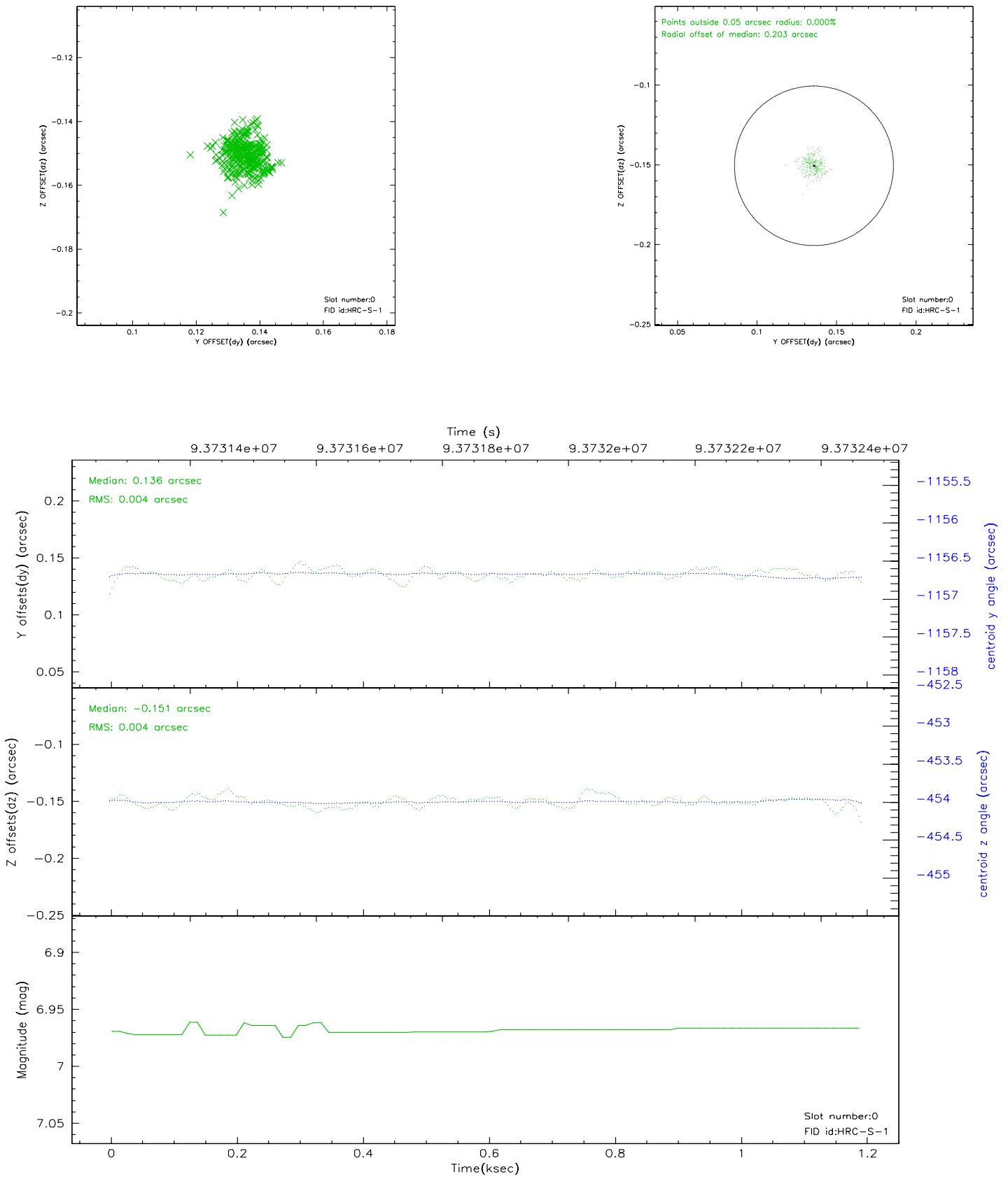


2.4.5 Slot 7

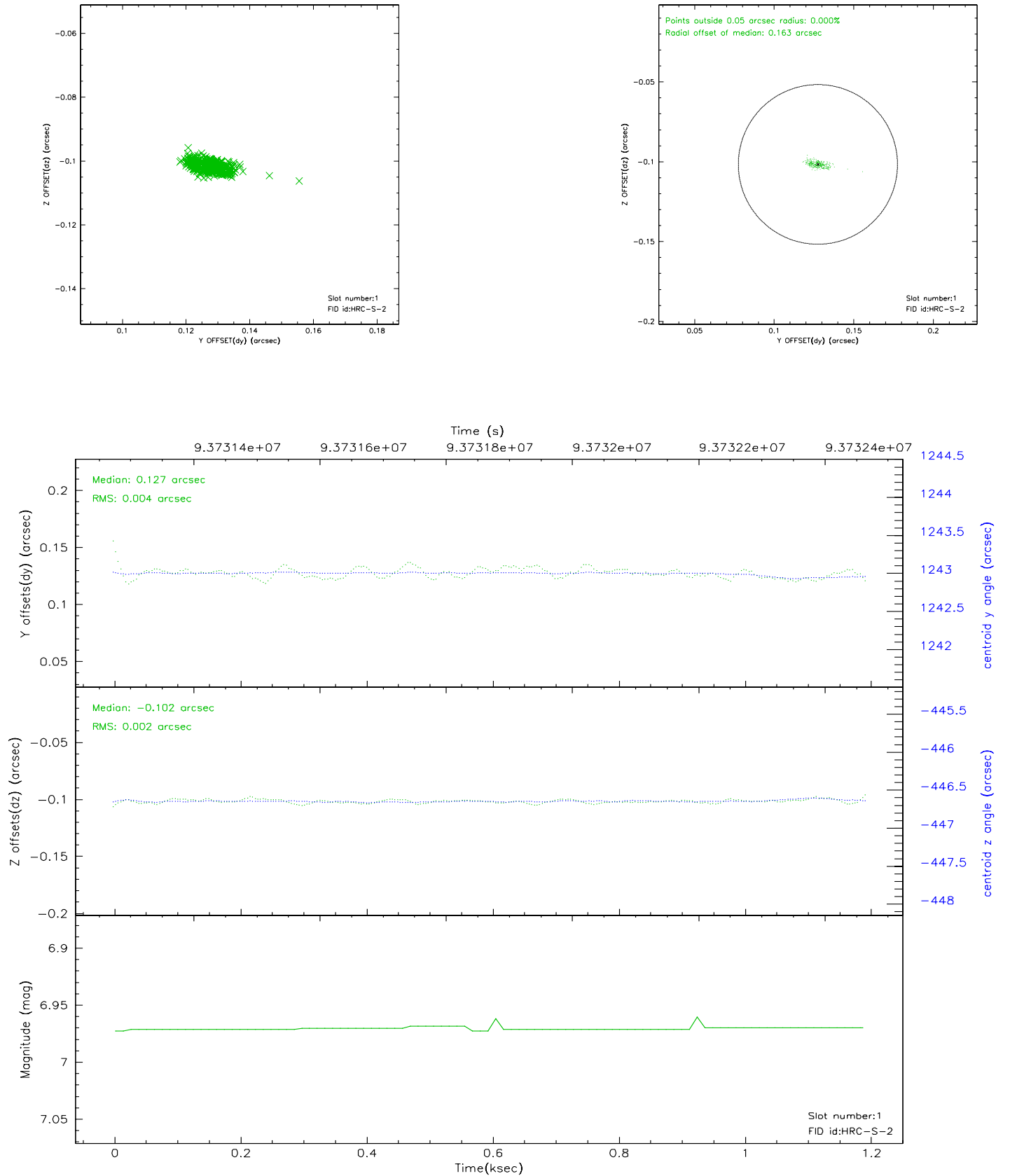


2.5 FID Slots

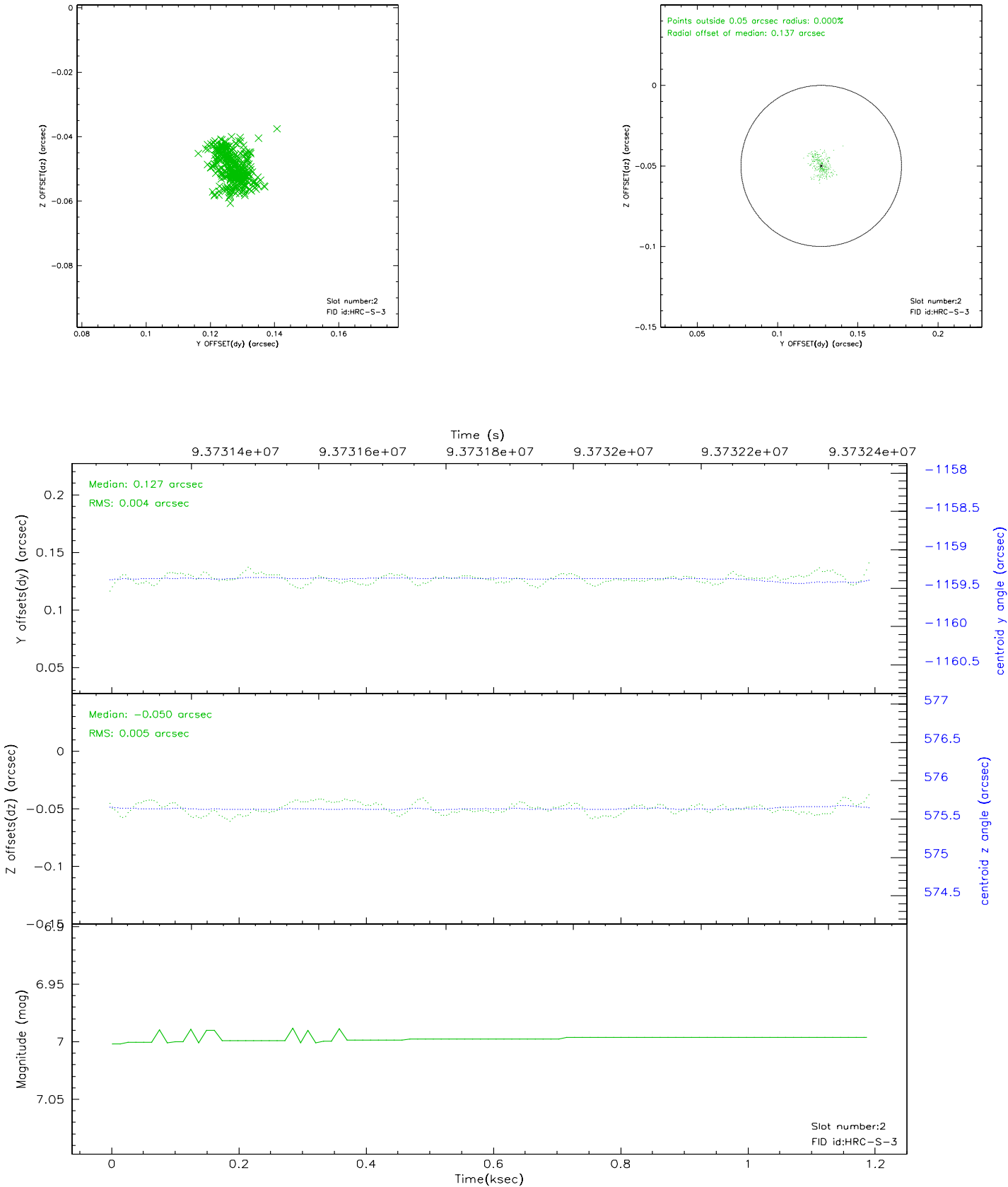
2.5.1 Slot 0



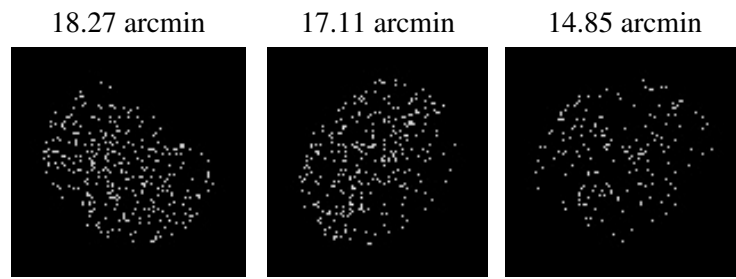
2.5.2 Slot 1



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	1.192

A.2 Comments

Charge time for this ObsId remains at previous value of 1.192 ks, although with the current processing the charge time would have been 1.14 ksec.