

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2381 - L2 Version 001
Chandra X-Ray Center

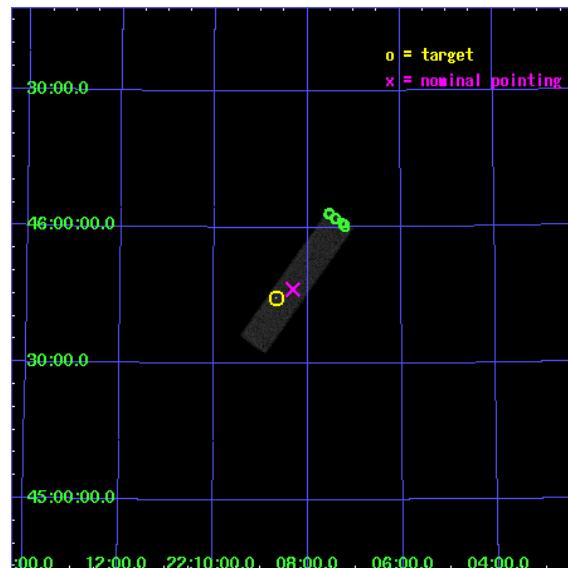
L2 Processing Date : Jun 21 2007

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

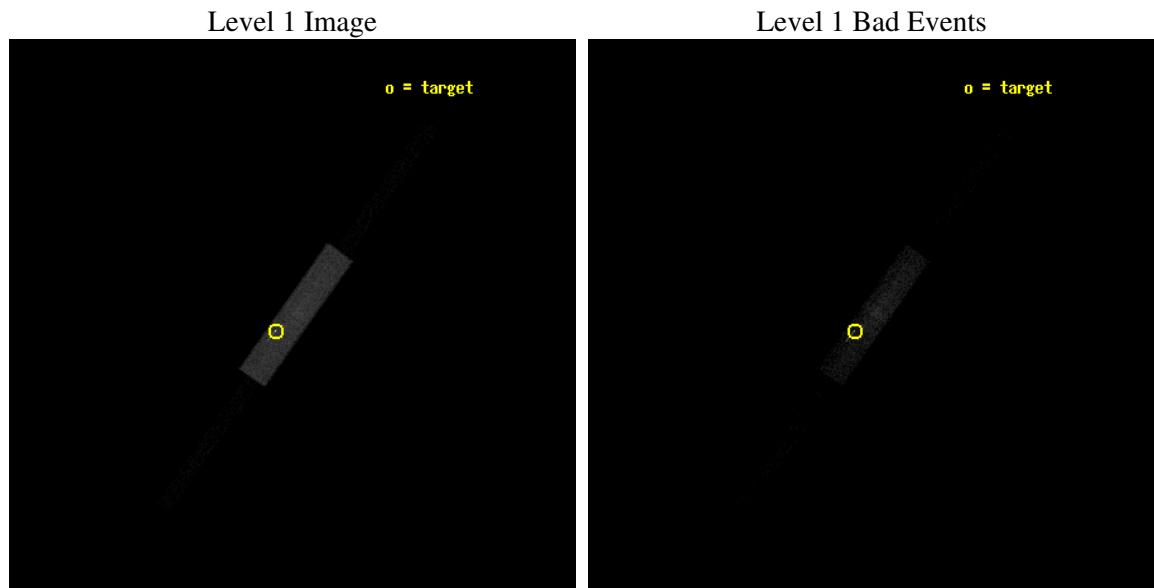
seq_num	290127
obs_id	2381
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC,HRC-S,AO2
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.07953029355
dec_nom	45.773200225989
roll_nom	305.38858811958
revision	4
ontime	1142.1062936932
livetime	1136.8954406814
l2events	32445



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	2007-06-21T17:10:41
revision	3

sched_exp_time	1000.000000
ontime	1142.1062936932
l1events	58959

2.1.3 Events

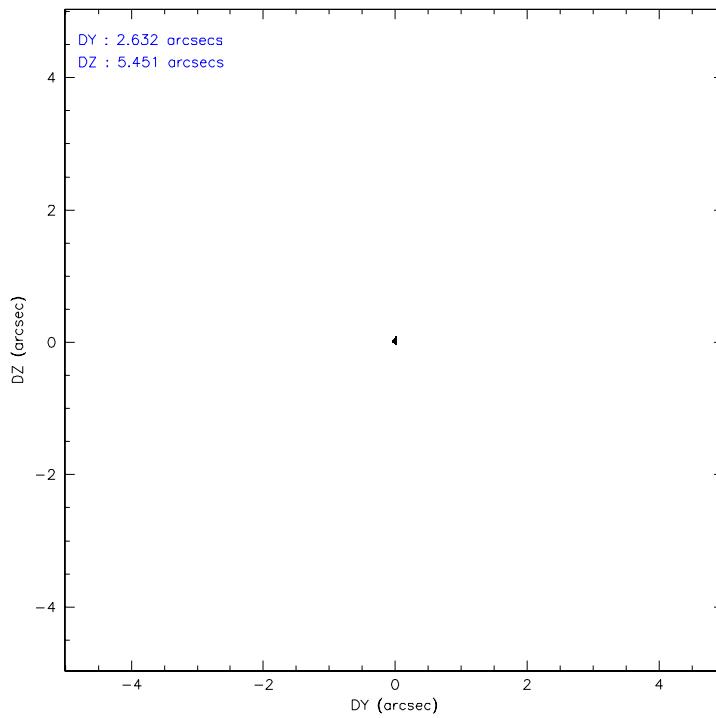
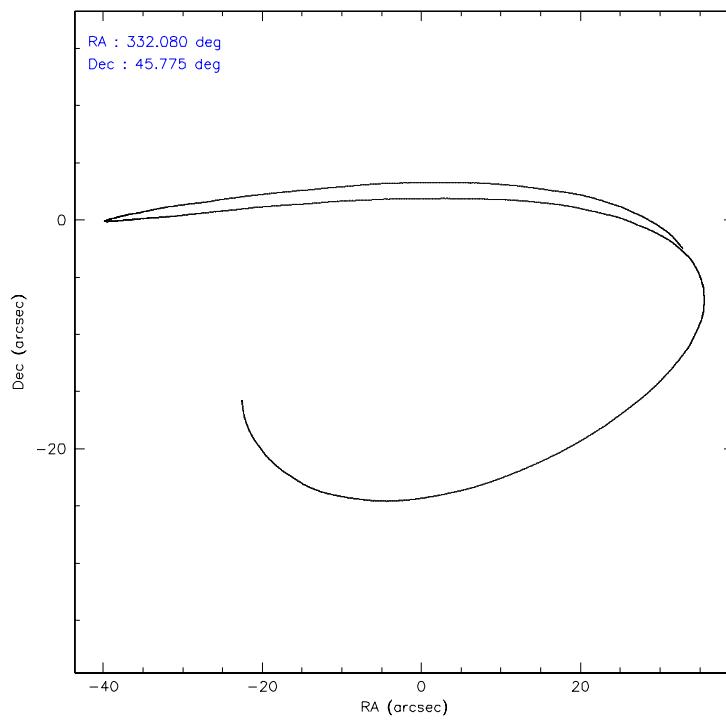
Level 1 Events

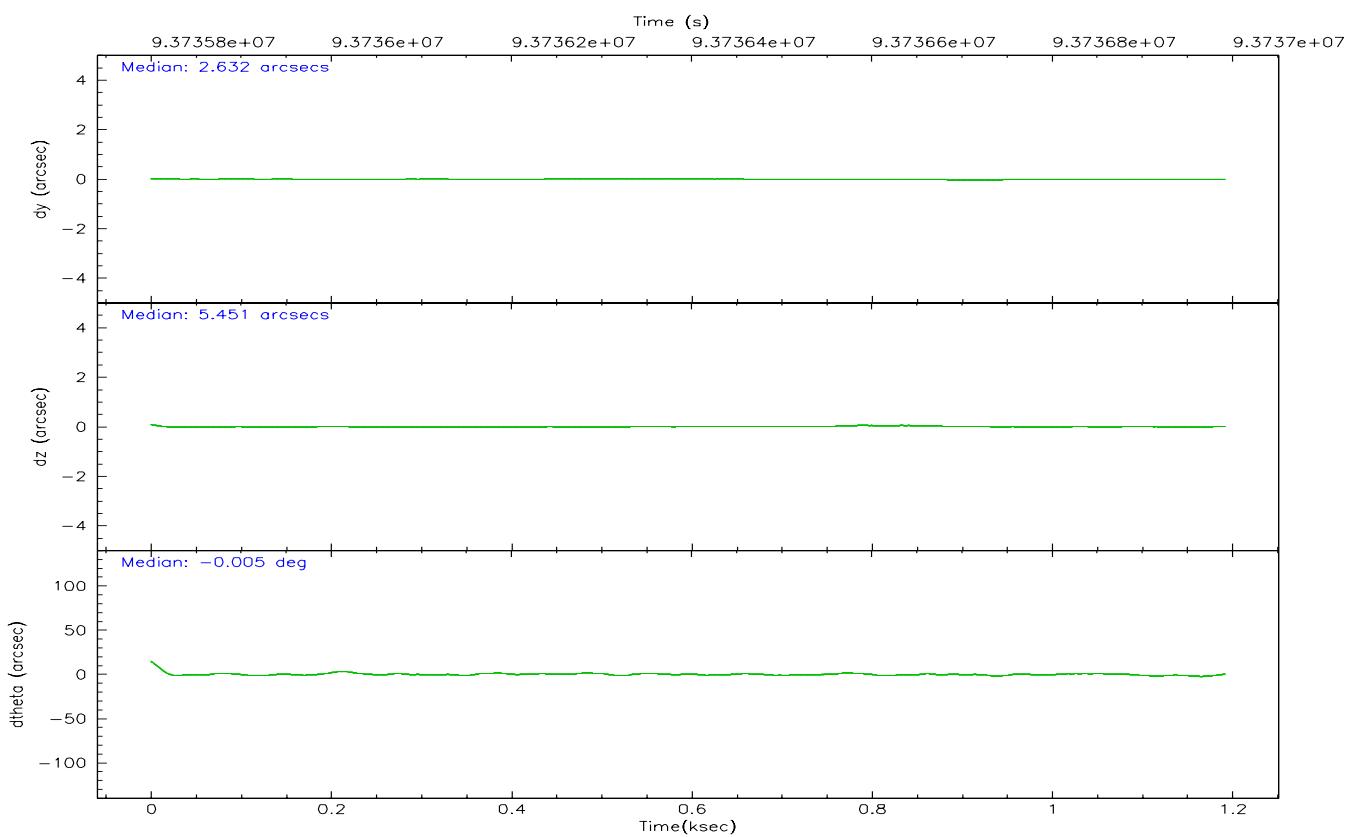
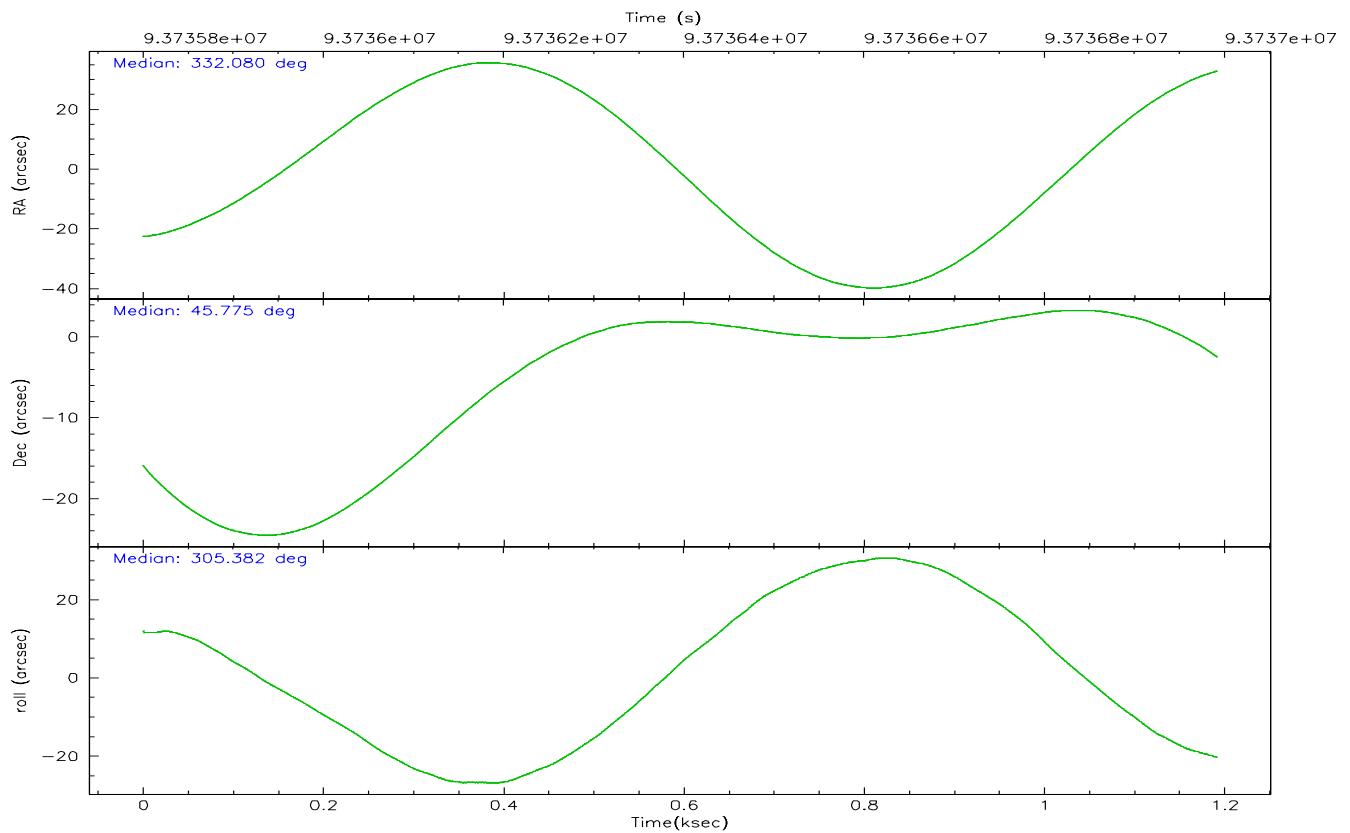
	segment 1	segment 2	segment 3
level 1 events	940	57071	948
rejected events	940	22157	948
rejected %	100%	38%	100%

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	332.041438	332.0795302935456			
Pointing Dec	45.784179	45.77320022598921			
Pointing Roll	305.348605	305.3885881195805			
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	93735992.184000	93735615.689567			
Observation start date	2000-12-20T21:45:28	2000-12-20T21:40:15			
Observation end time	93736992.184000	93737125.514625			
Observation end date	2000-12-20T22:02:08	2000-12-20T22:05:25			

2.3 Aspect



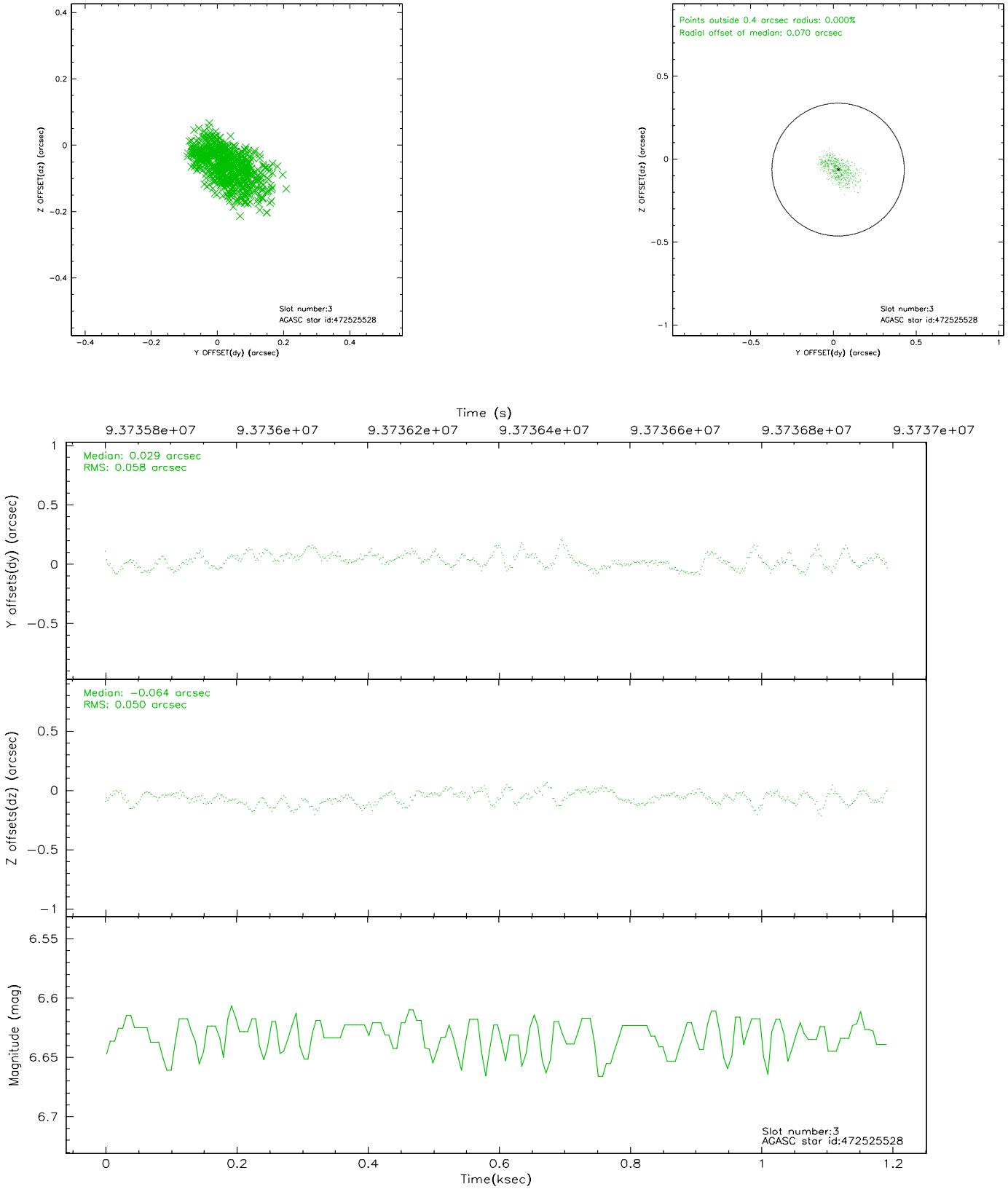


Slot Statistics

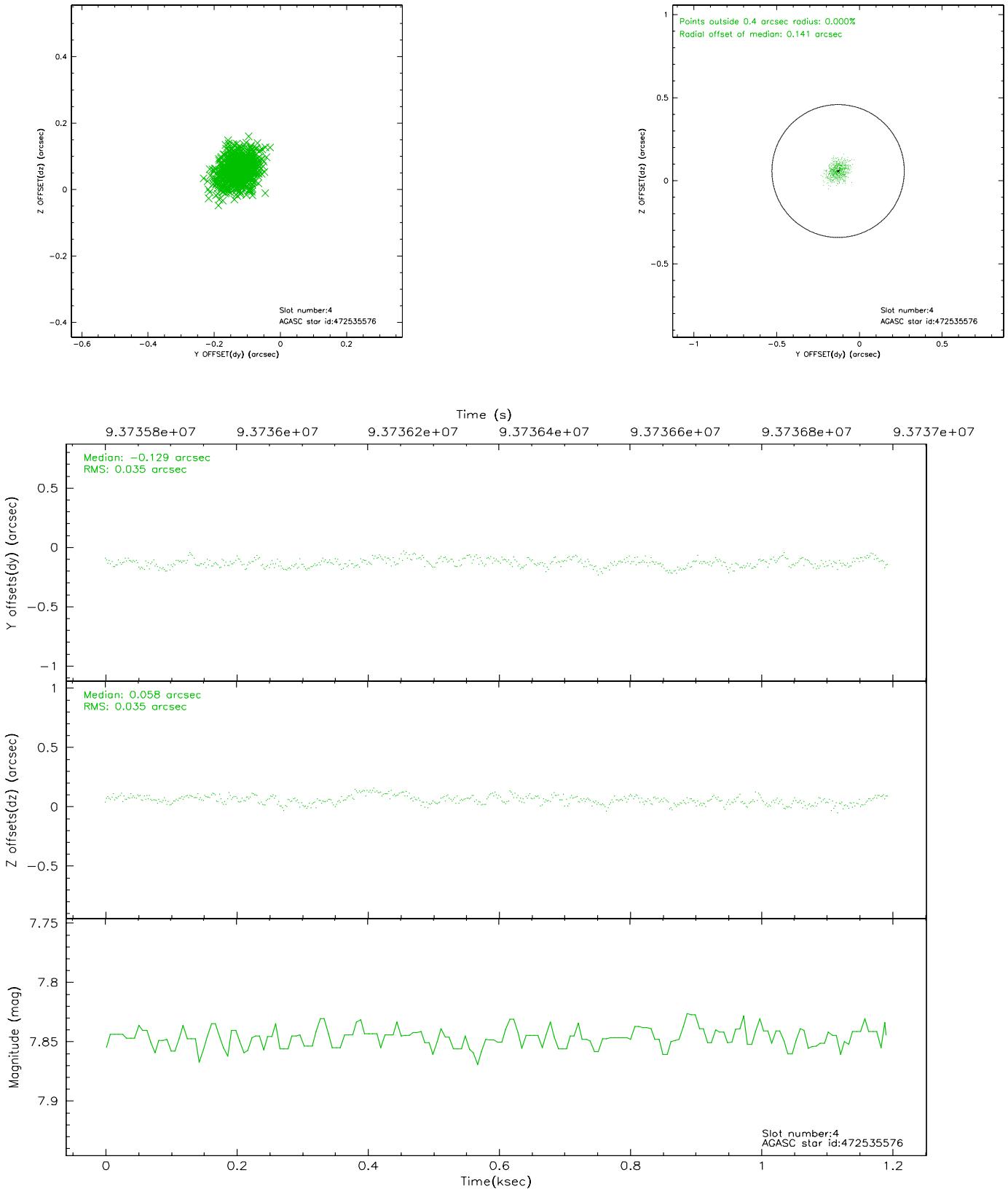
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	291	0.113	-0.154	0.007	0.010	0.000000	0.000000	-1156.68	-454.01
1	FID	HRC-S-3	7.00	291	0.150	-0.050	0.008	0.013	0.000000	0.000000	-1163.36	574.06
2	FID	HRC-S-4	6.93	291	0.125	-0.093	0.005	0.010	0.000000	0.000000	1237.58	580.16
3	GUIDE	472525528	6.63	583	0.029	-0.064	0.082	0.131	331.551102	45.248694	850.22	-2126.91
4	GUIDE	472535576	7.85	583	-0.129	0.058	0.053	0.084	331.438373	46.291802	-2362.09	-167.10
5	GUIDE	472523760	8.23	583	-0.012	-0.197	0.056	0.099	331.645363	45.403260	533.08	-1609.11
6	GUIDE	472659832	9.46	580	-0.075	-0.012	0.104	0.164	332.780399	46.098139	138.72	2160.48
7	GUIDE	472646552	9.63	582	0.181	0.195	0.106	0.164	333.120915	45.571877	2182.17	1791.30

2.4 Star Slots

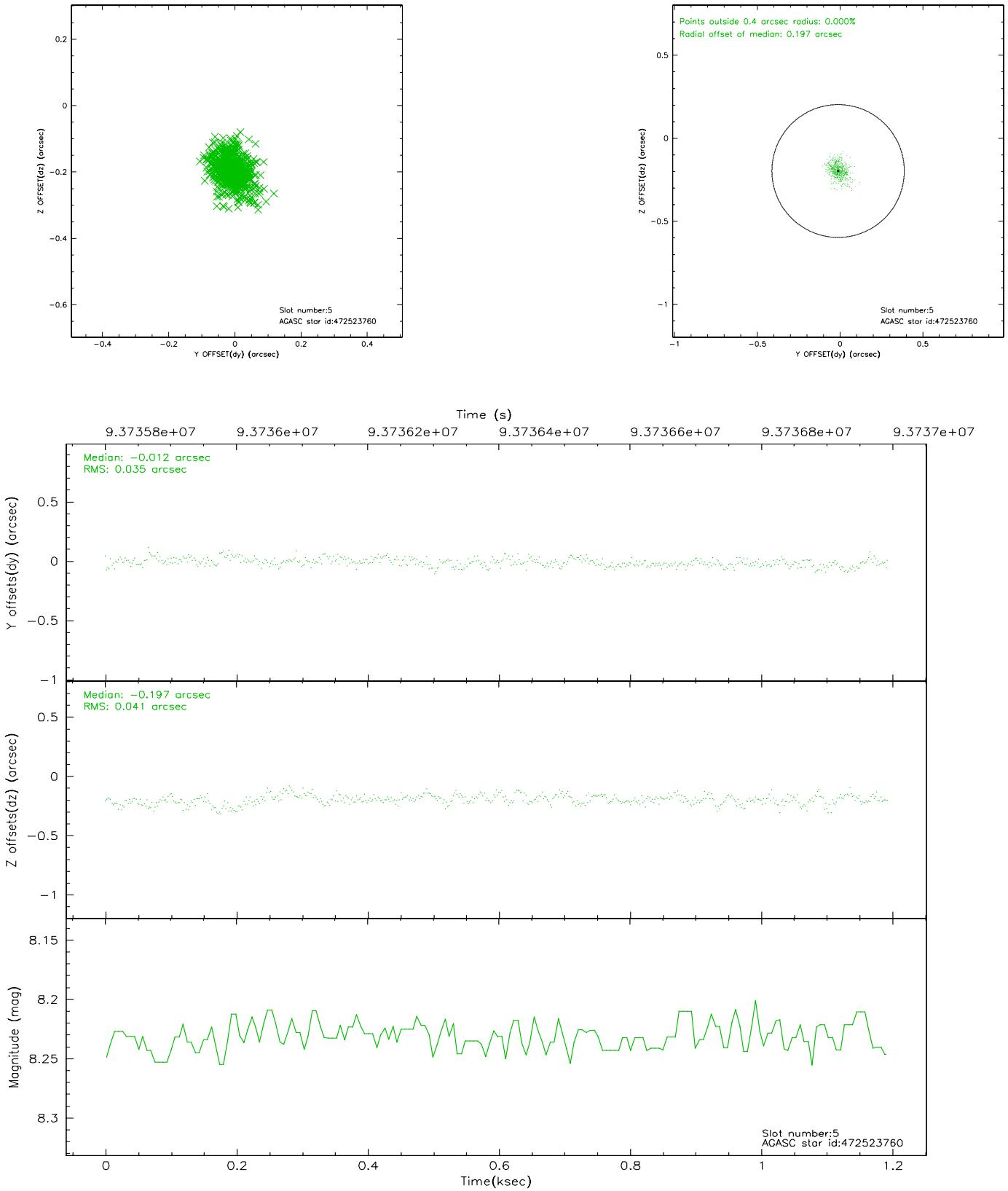
2.4.1 Slot 3



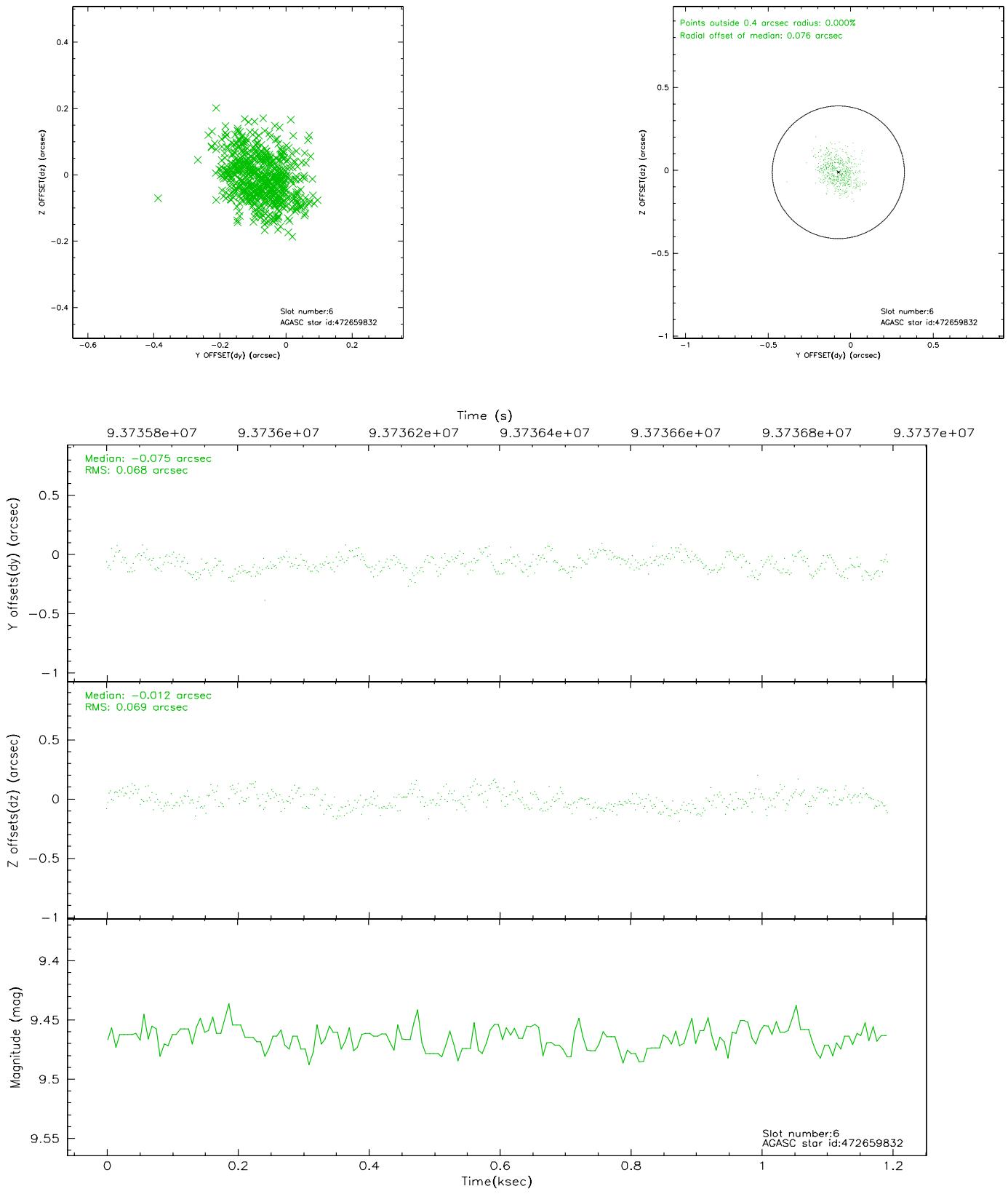
2.4.2 Slot 4



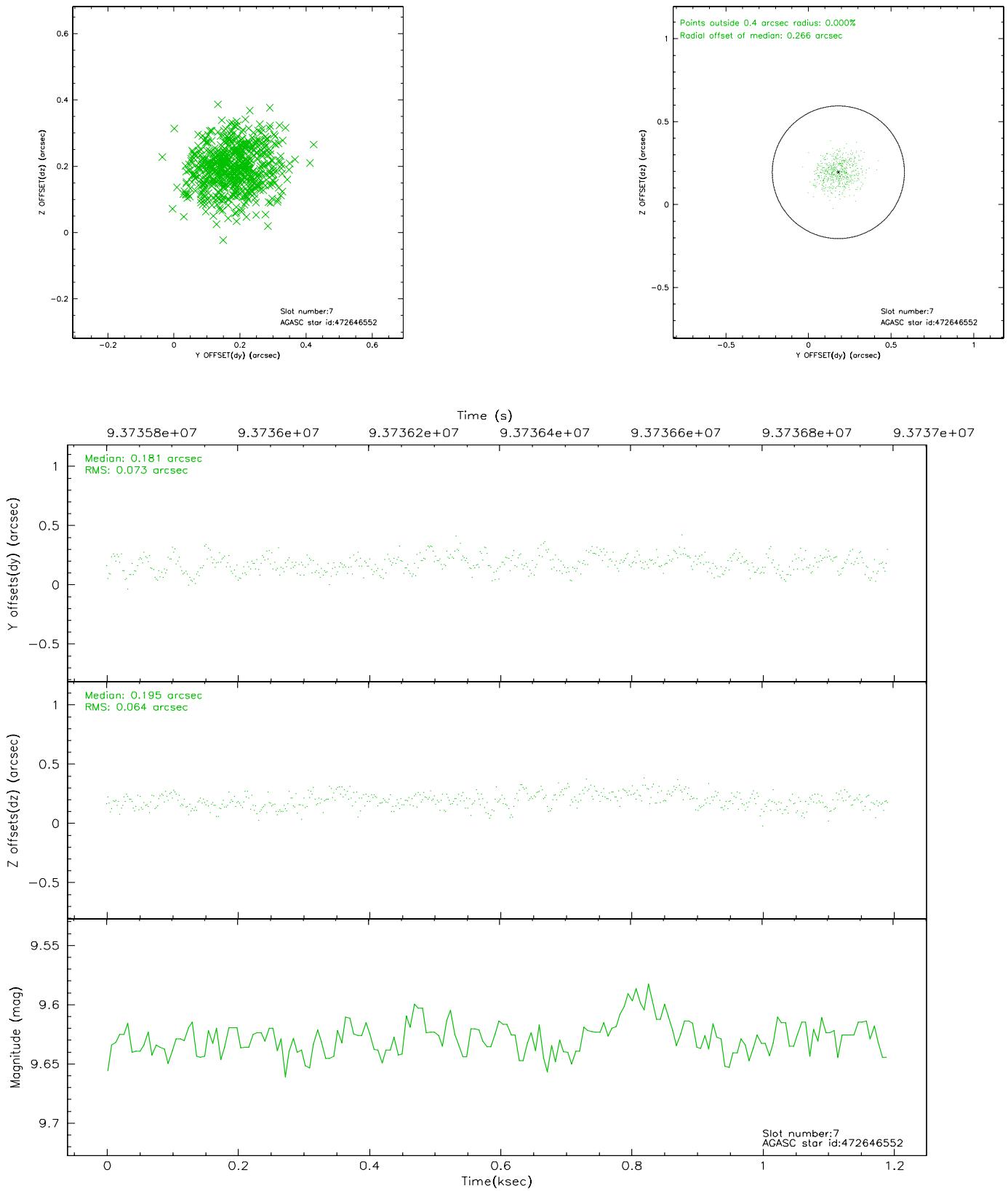
2.4.3 Slot 5



2.4.4 Slot 6

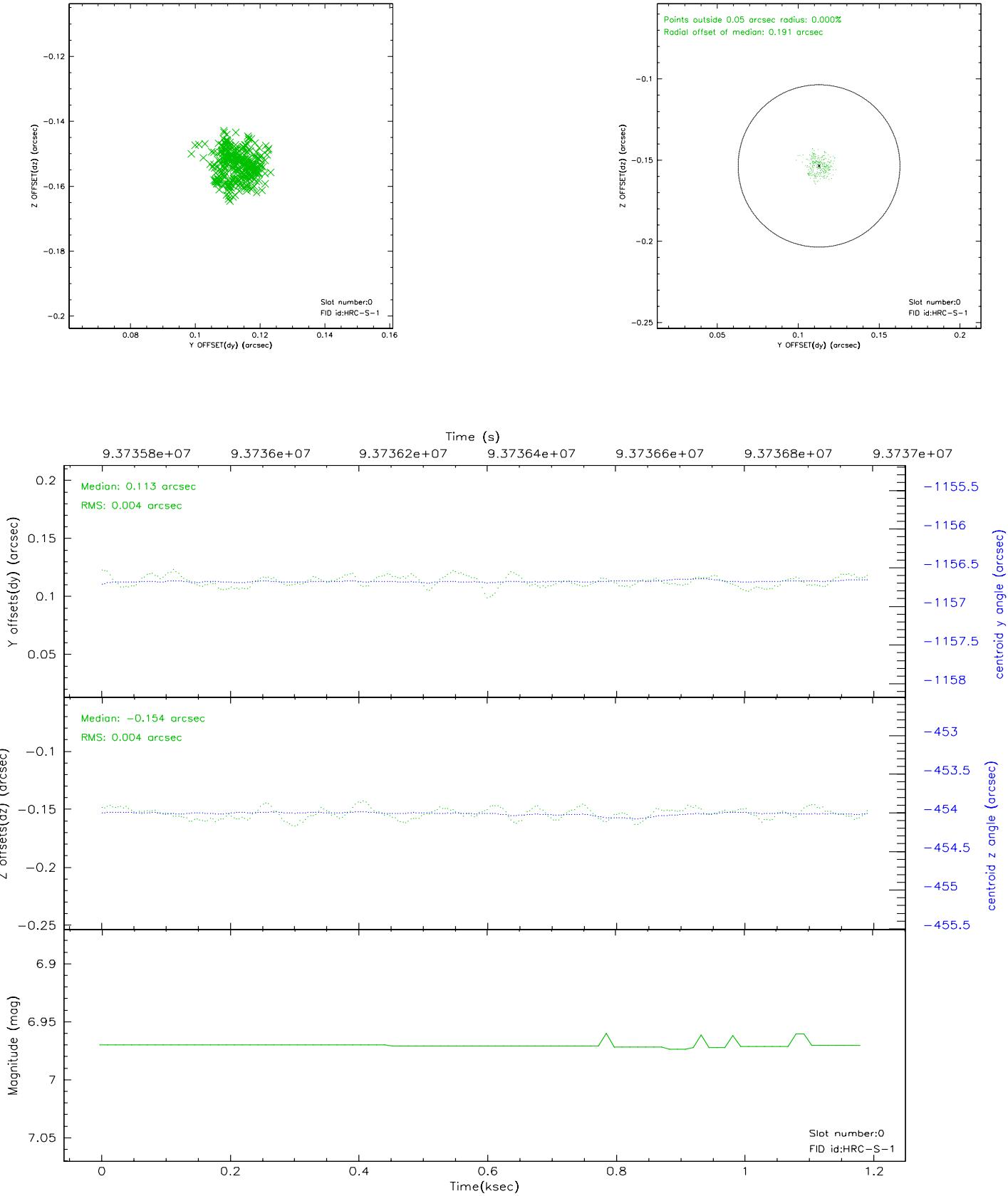


2.4.5 Slot 7

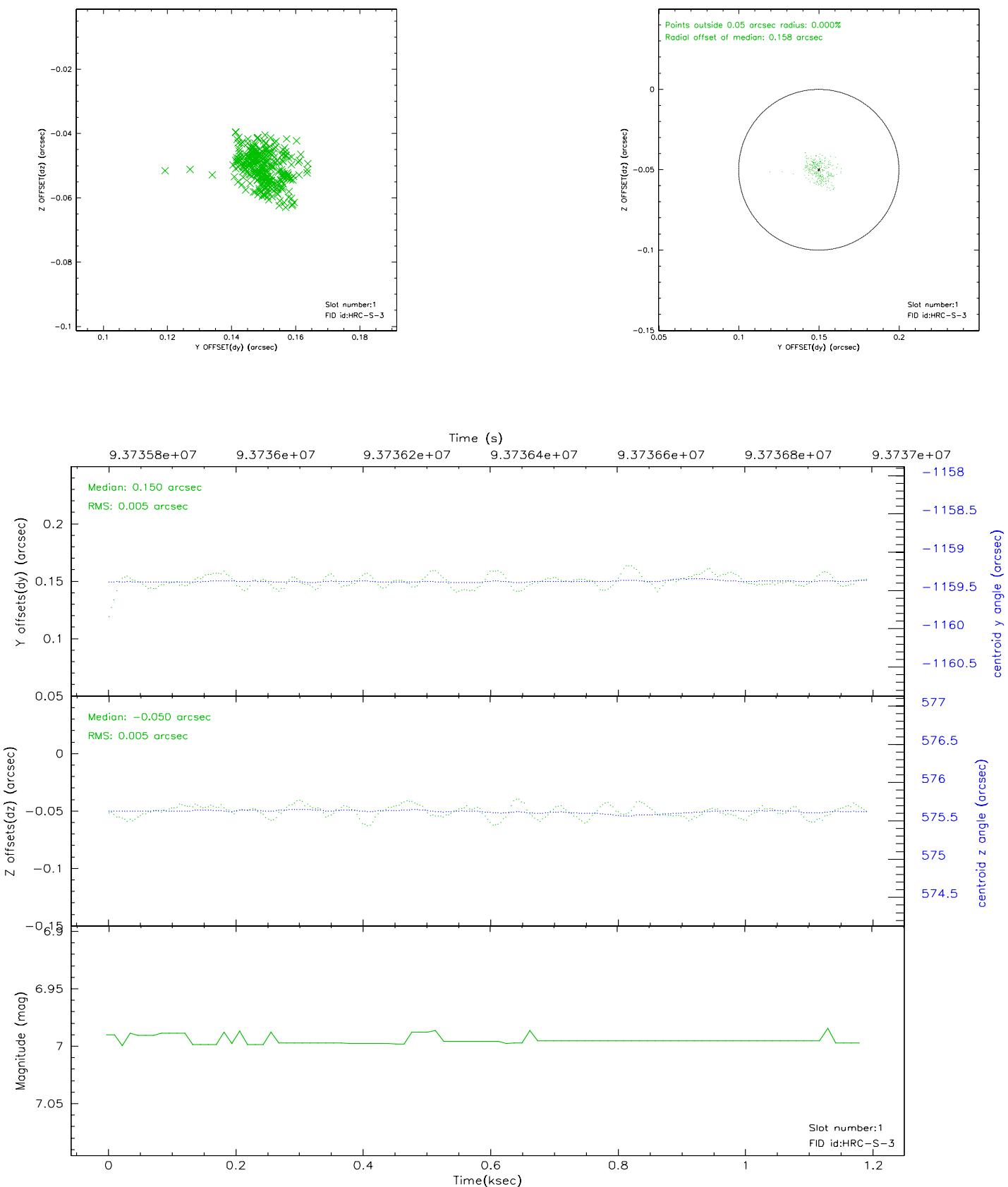


2.5 FID Slots

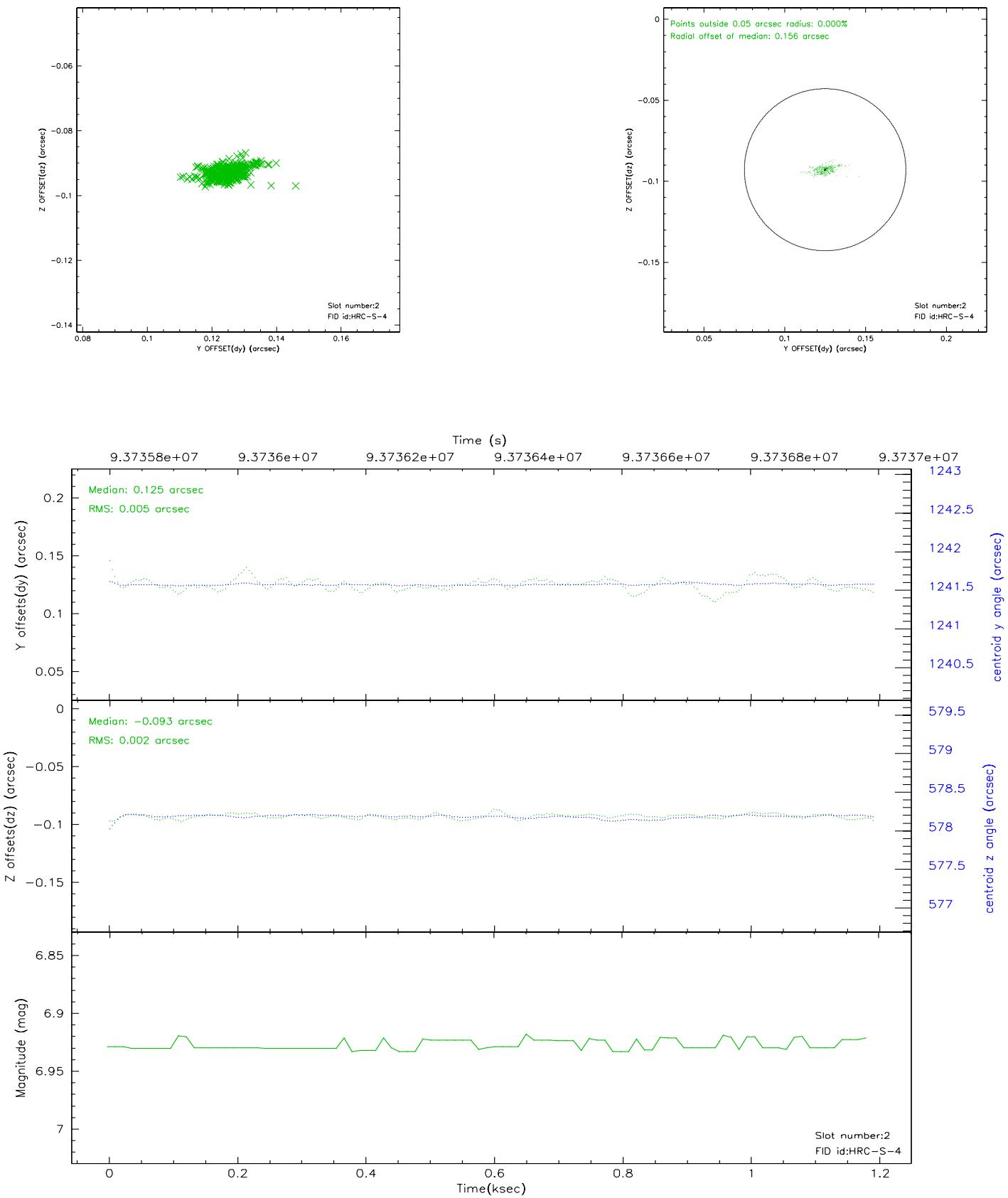
2.5.1 Slot 0



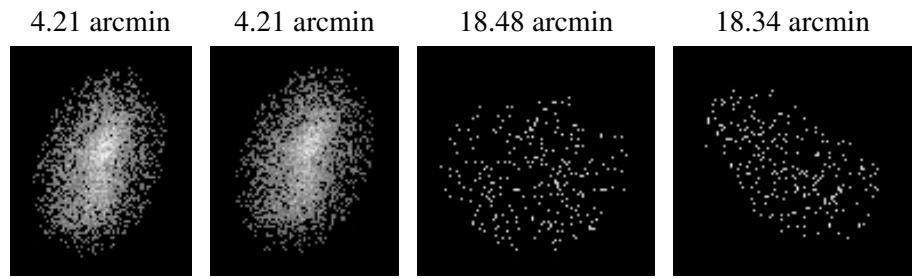
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.19

A.2 Comments

Charge time for this ObsId remains at previous value of 1.19 ks, although with the current processing the charge time would have been 1.14 ksec.