

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2370 - L2 Version 001
Chandra X-Ray Center

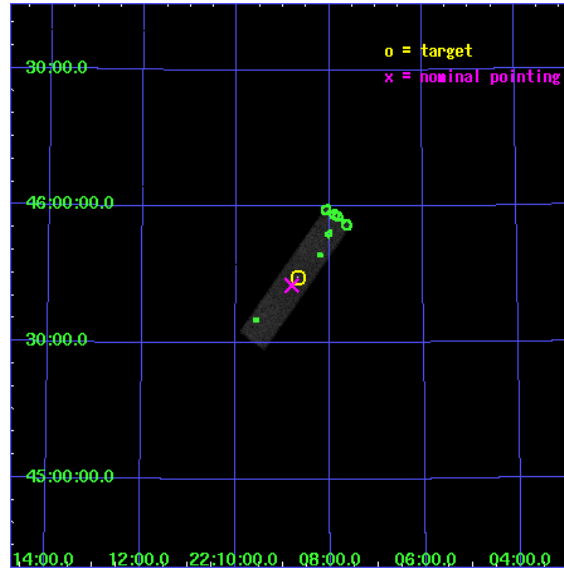
L2 Processing Date : Jun 21 2007

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

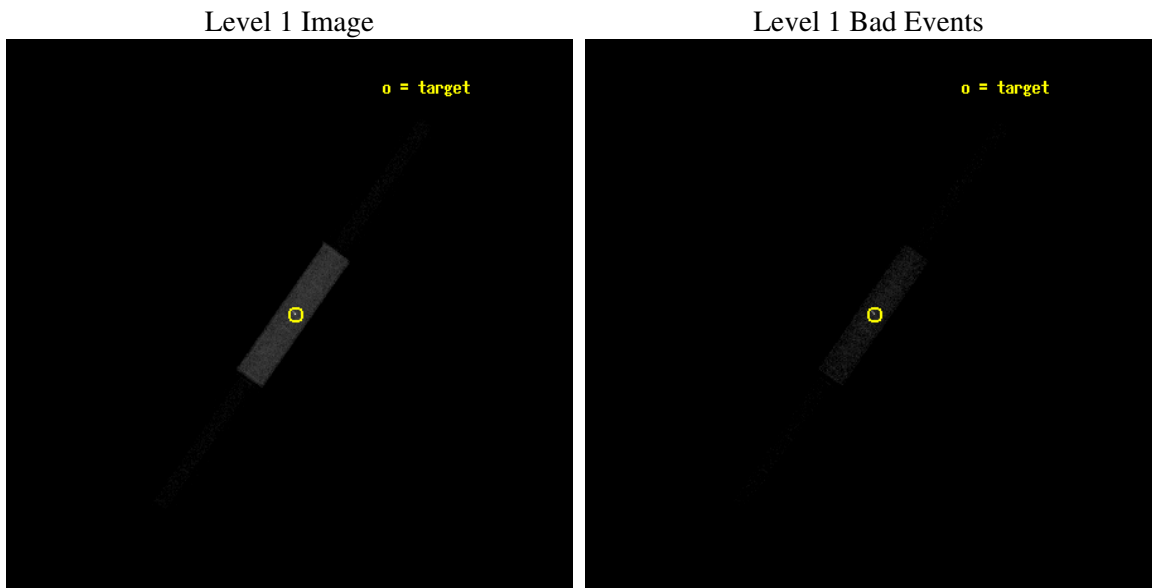
seq_num	290116
obs_id	2370
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC,HRC-S,AO2
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.20182079487
dec_nom	45.711840699183
roll_nom	305.14357313739
revision	4
ontime	1143.131293714
livetime	1137.2692238279
l2events	38974



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	2007-06-21T15:07:28
revision	3

sched_exp_time	1000.000000
ontime	1143.131293714
l1events	69019

2.1.3 Events

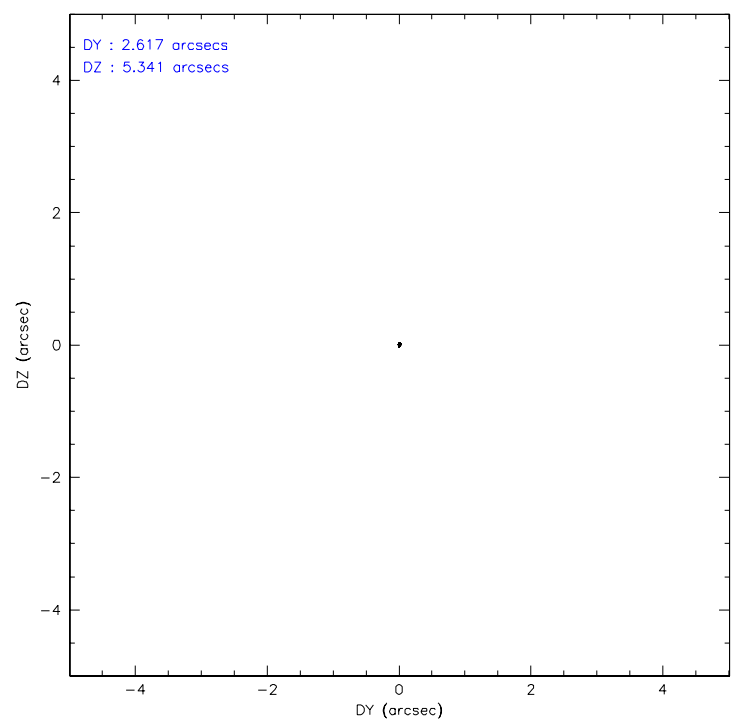
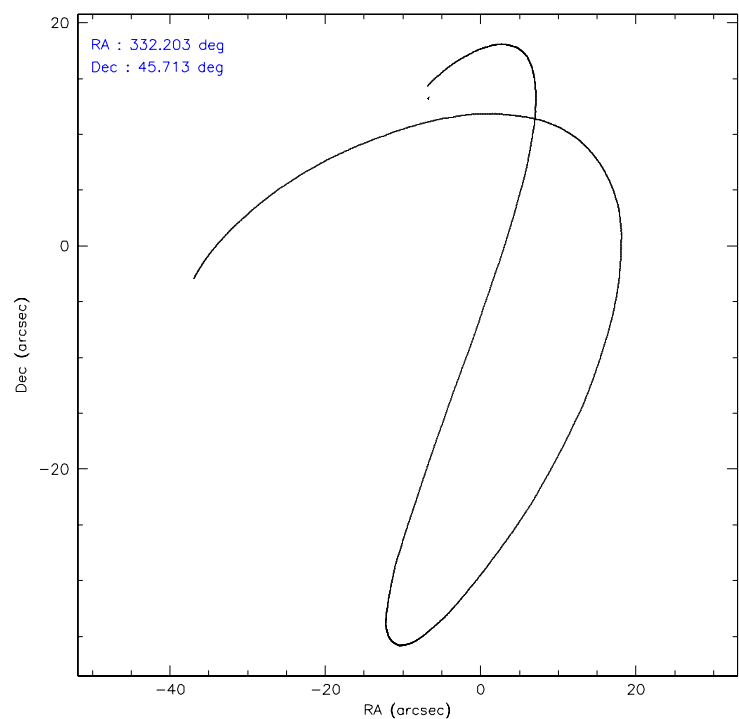
Level 1 Events

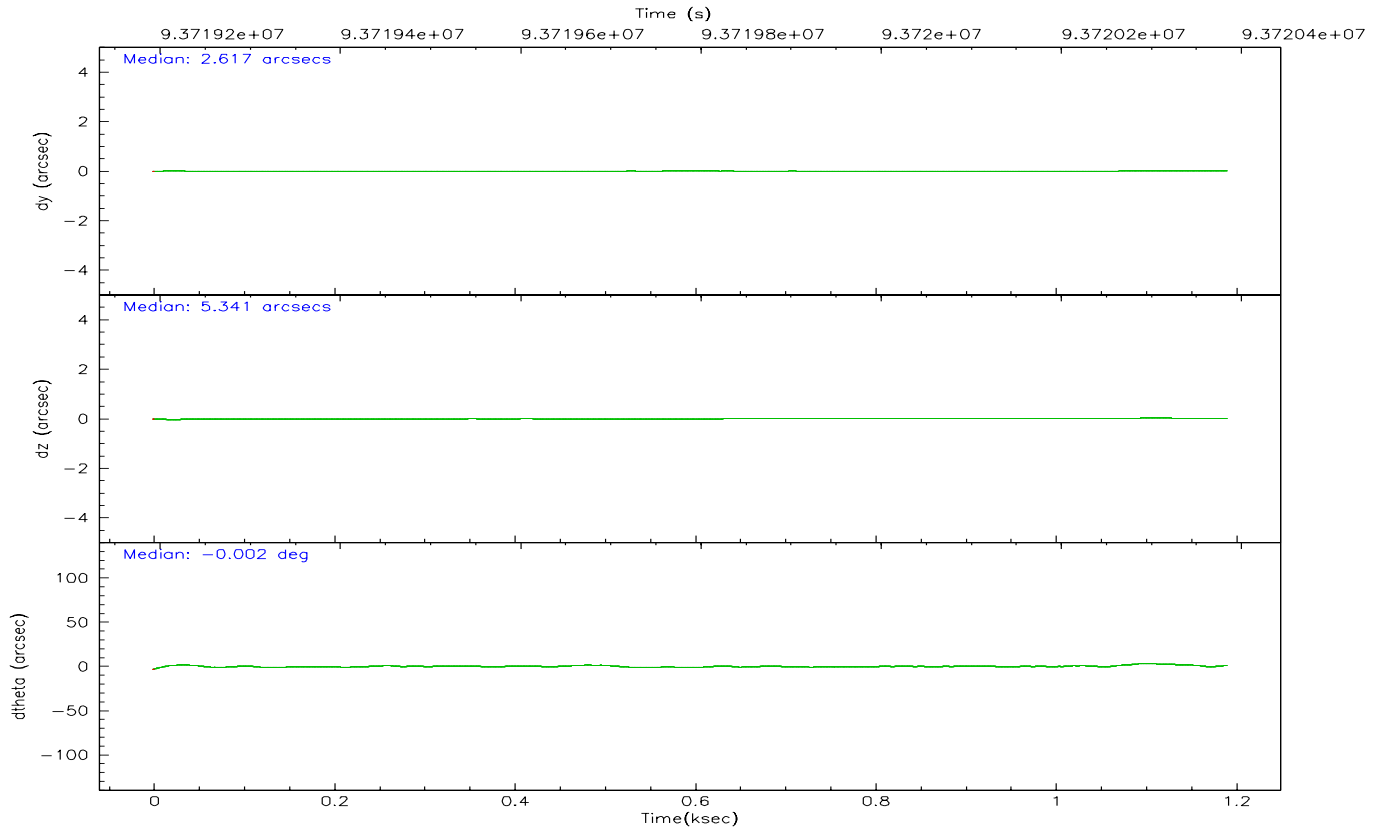
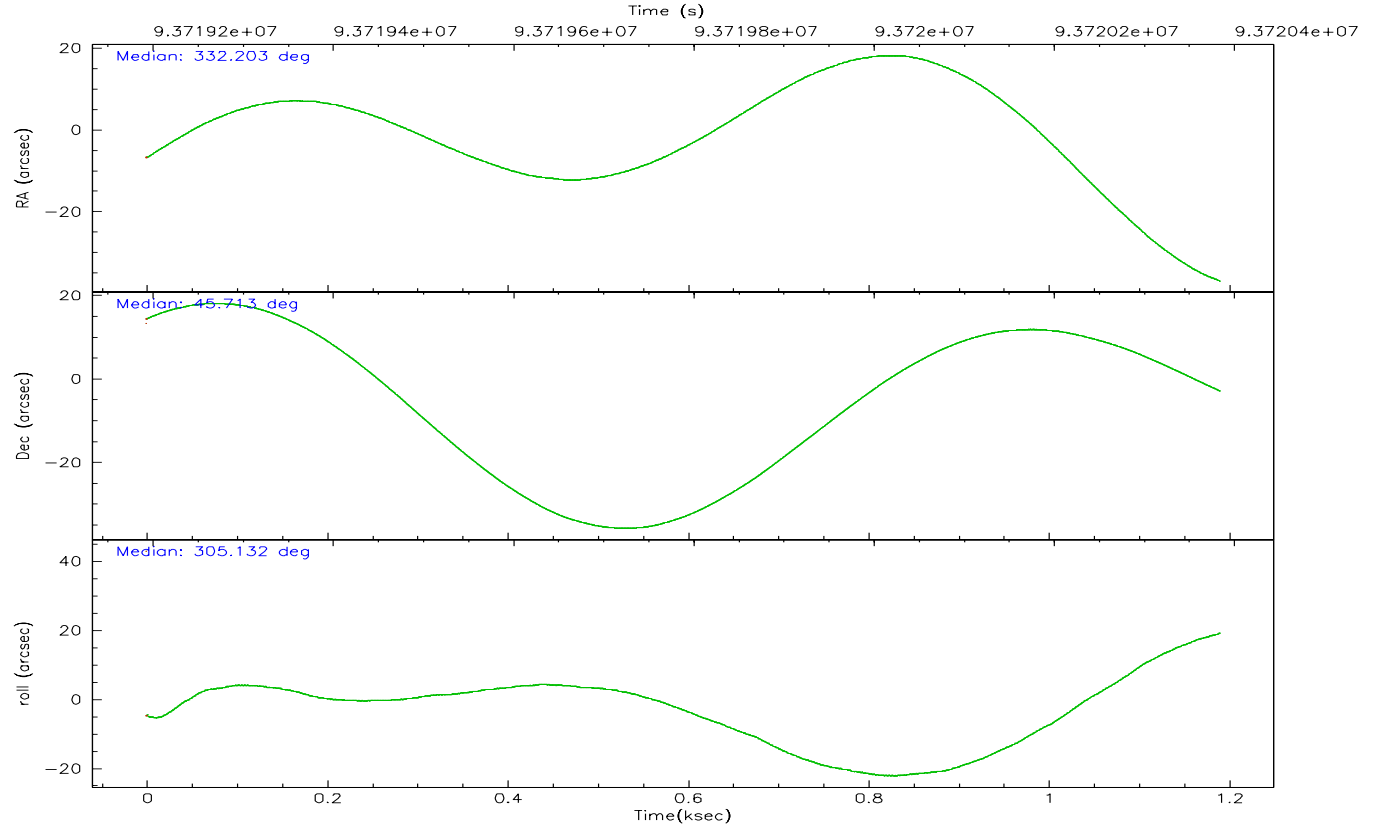
	segment 1	segment 2	segment 3
level 1 events	1158	66681	1180
rejected events	1158	25029	1180
rejected %	100%	37%	100%

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	332.163163	332.201820794868			
Pointing Dec	45.721851	45.71184069918311			
Pointing Roll	305.104024	305.1435731373912			
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	93719382.184000	93719005.563932			
Observation start date	2000-12-20T17:08:38	2000-12-20T17:03:25			
Observation end time	93720382.184000	93720515.901489			
Observation end date	2000-12-20T17:25:18	2000-12-20T17:28:35			

2.3 Aspect



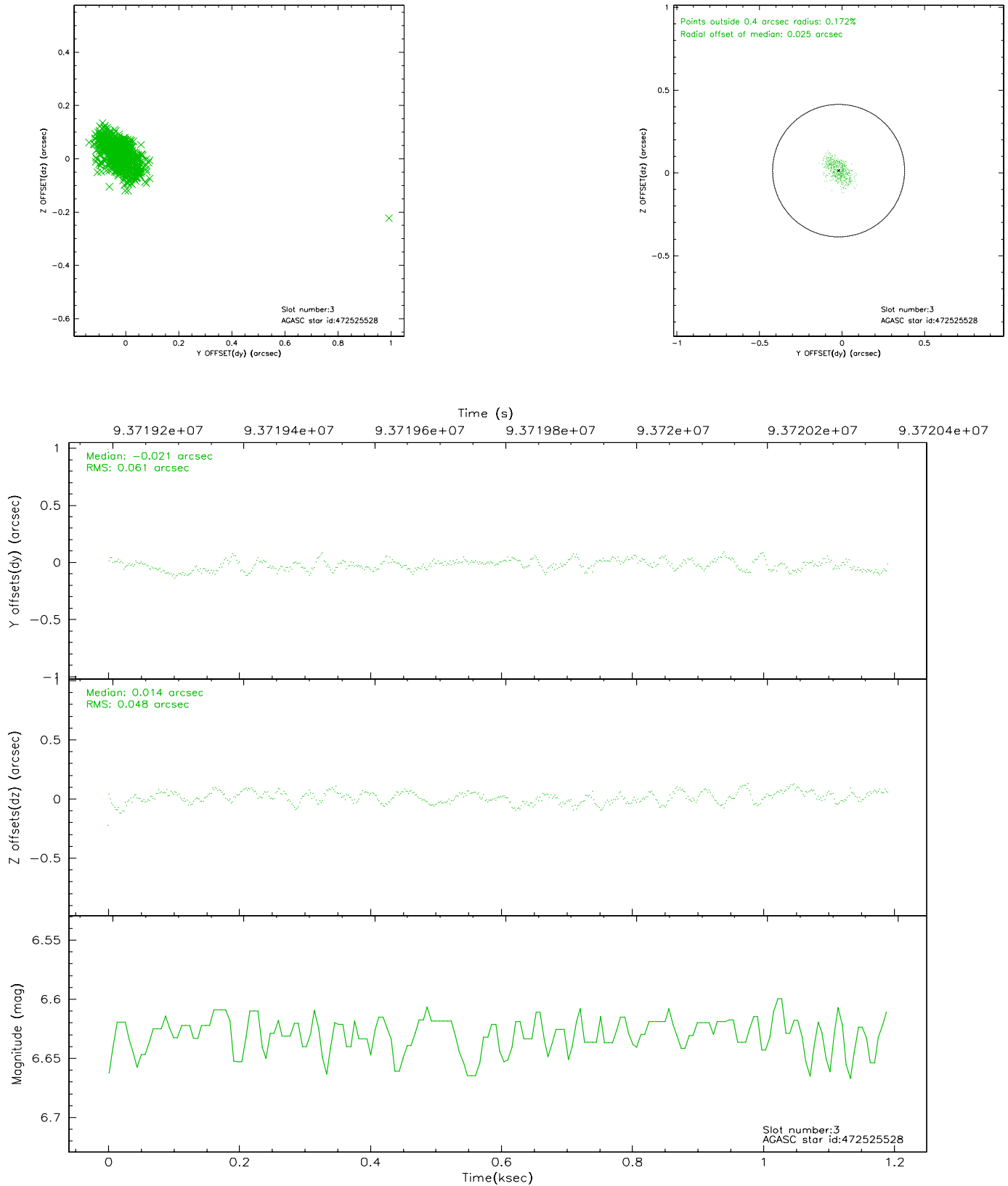


Slot Statistics

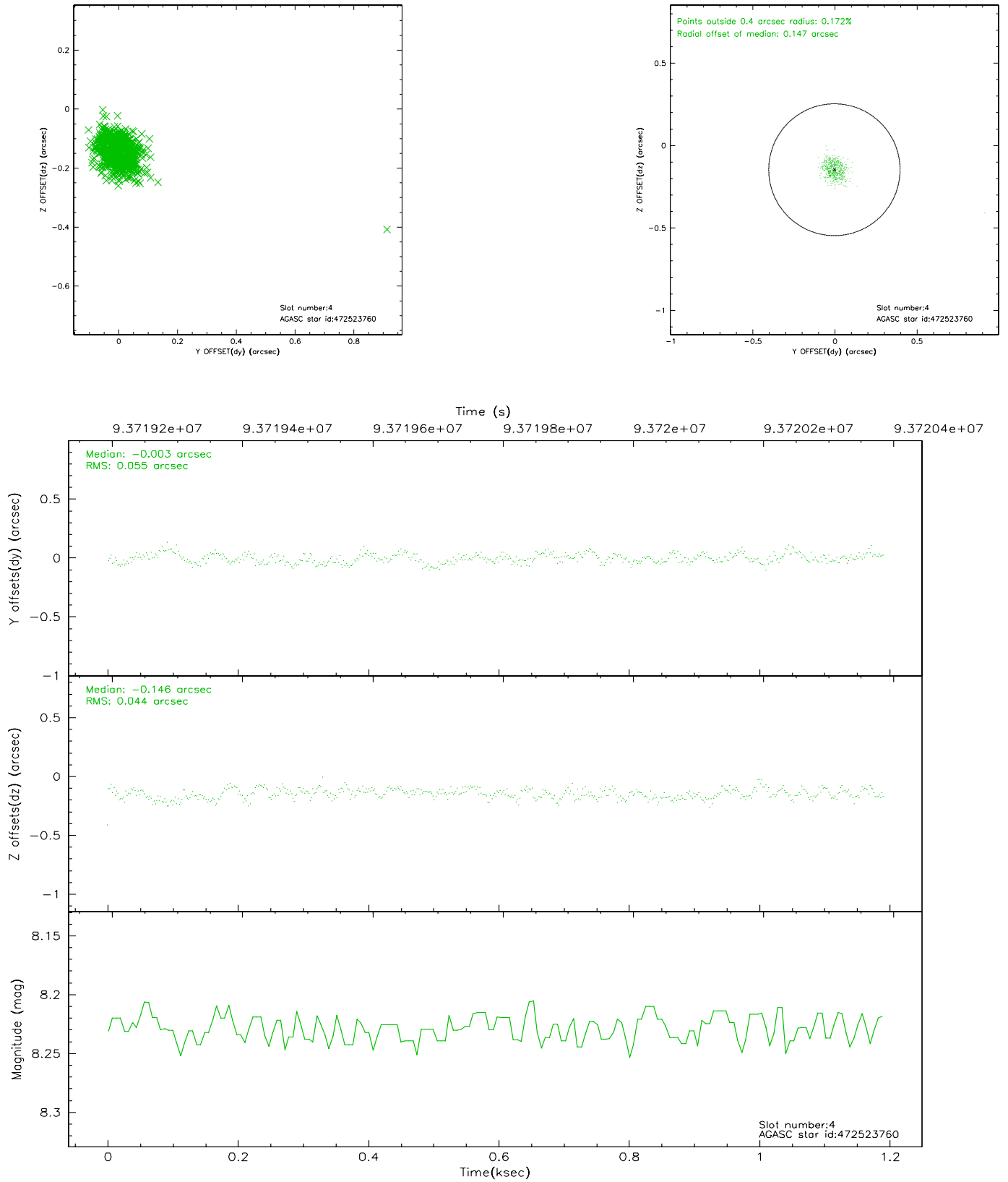
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	291	0.136	-0.155	0.008	0.014	0.000000	0.000000	-1156.66	-453.85
1	FID	HRC-S-2	6.98	291	0.127	-0.101	0.005	0.014	0.000000	0.000000	1239.03	-448.05
2	FID	HRC-S-3	7.00	291	0.128	-0.045	0.007	0.013	0.000000	0.000000	-1155.11	574.26
3	GUIDE	472525528	6.63	582	-0.021	0.014	0.069	0.110	331.551102	45.248694	498.58	-2249.05
4	GUIDE	472523760	8.23	582	-0.003	-0.146	0.061	0.098	331.645363	45.403260	184.94	-1735.76
5	GUIDE	472665256	9.02	582	-0.085	-0.080	0.075	0.129	332.808125	46.195041	-473.47	2291.14
6	GUIDE	472659832	9.47	582	0.041	0.063	0.089	0.136	332.780399	46.098139	-226.75	2043.03
7	GUIDE	472655152	9.43	581	0.061	0.160	0.090	0.140	332.504239	45.862991	75.49	992.52

2.4 Star Slots

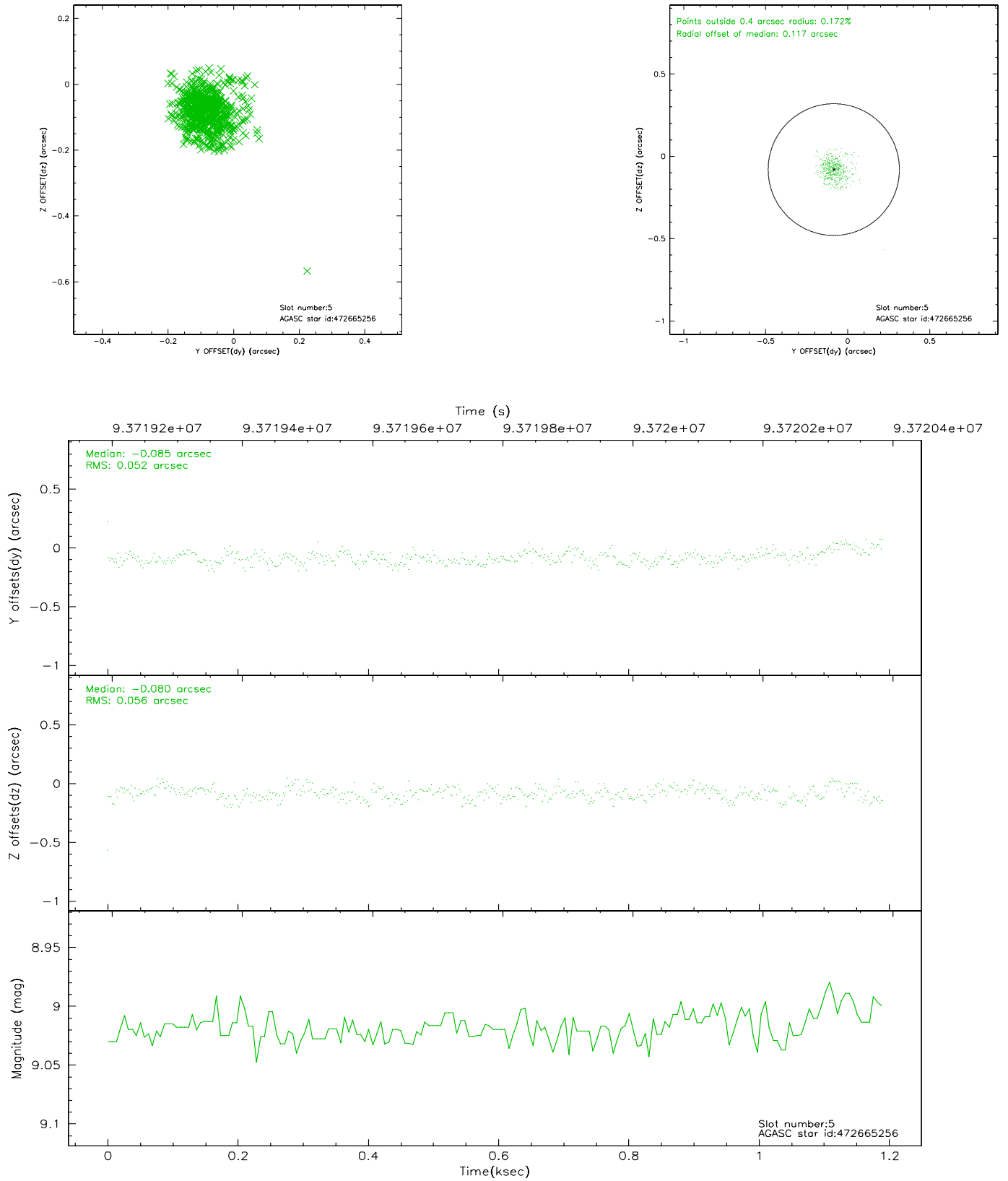
2.4.1 Slot 3



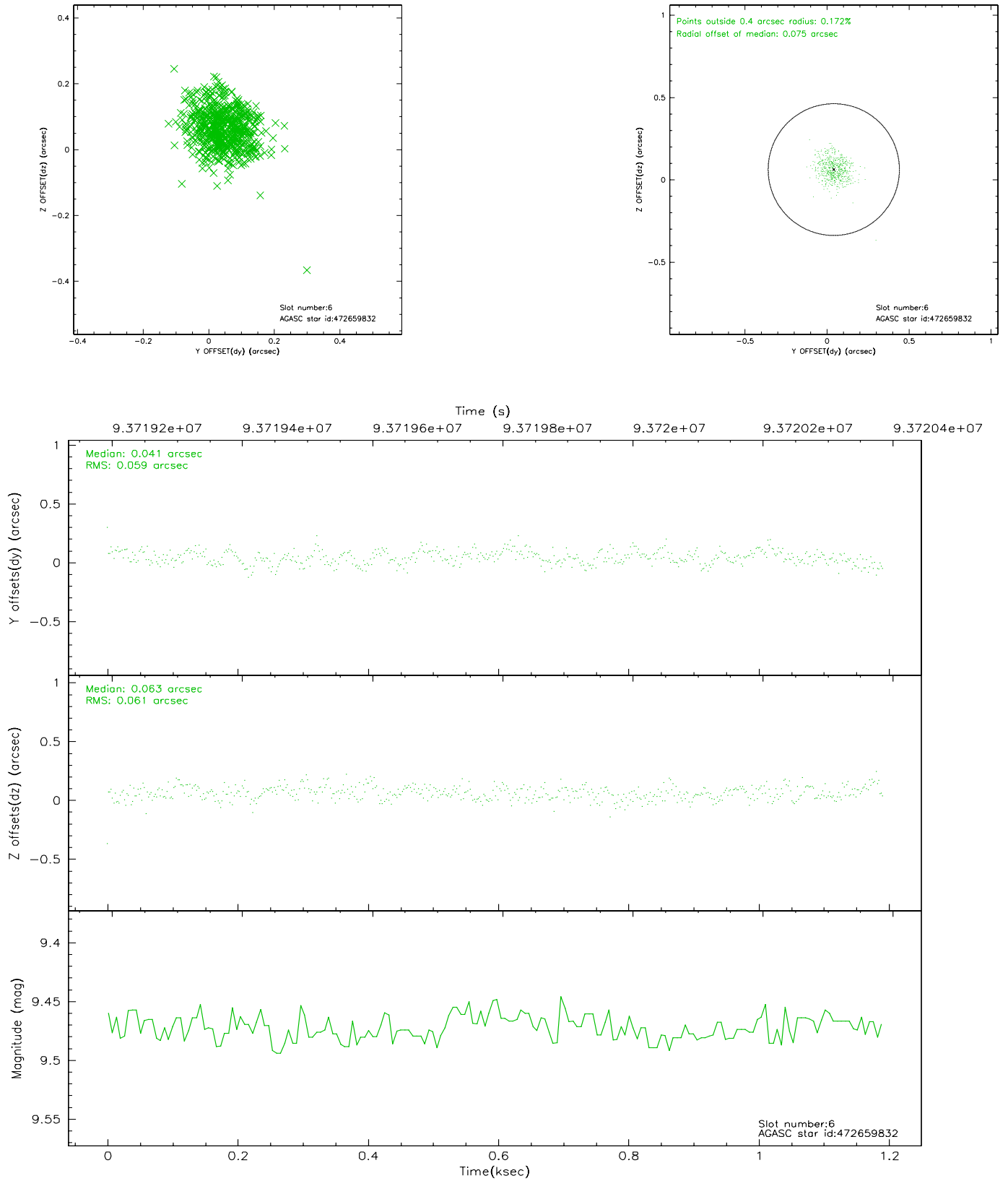
2.4.2 Slot 4



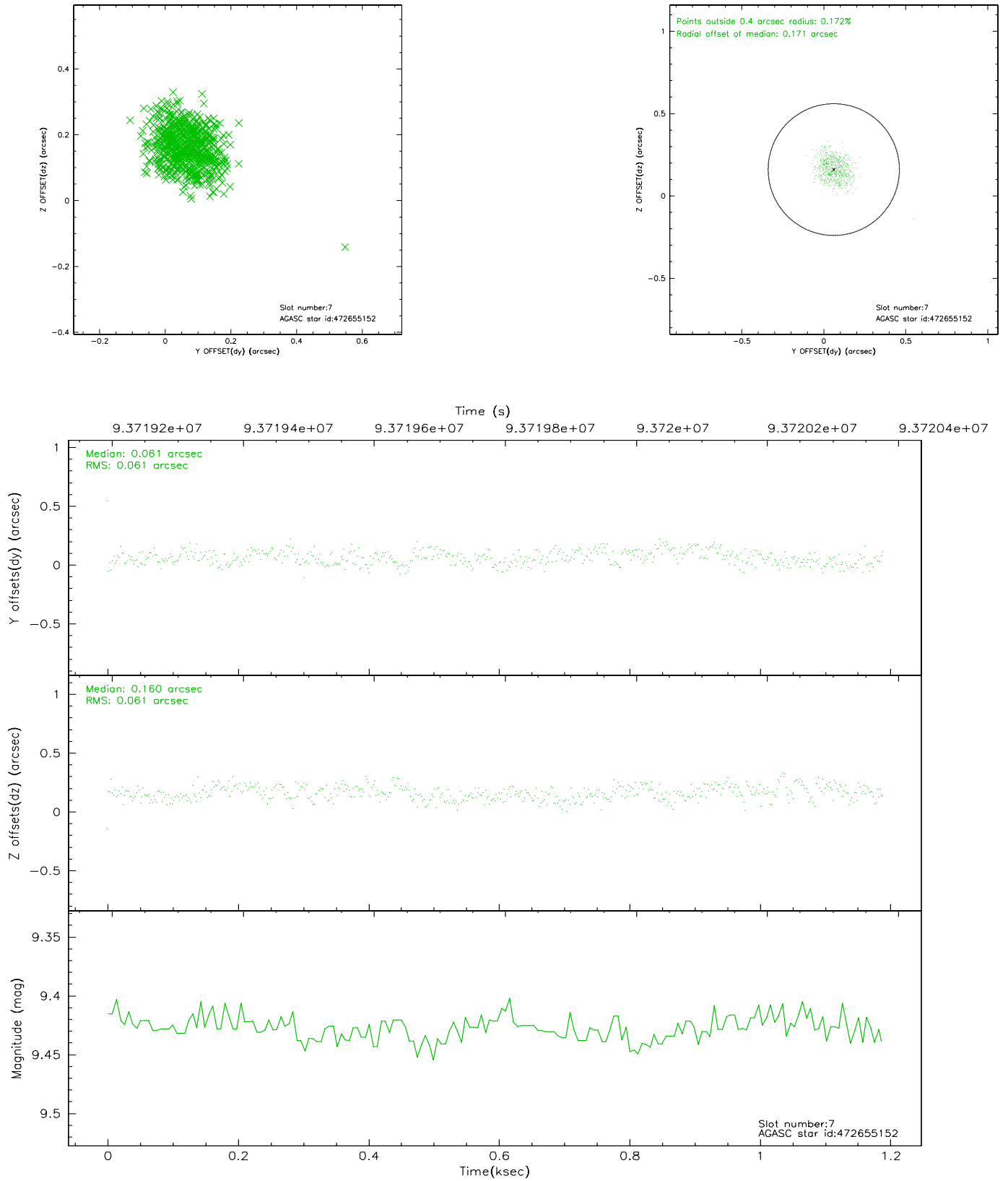
2.4.3 Slot 5



2.4.4 Slot 6

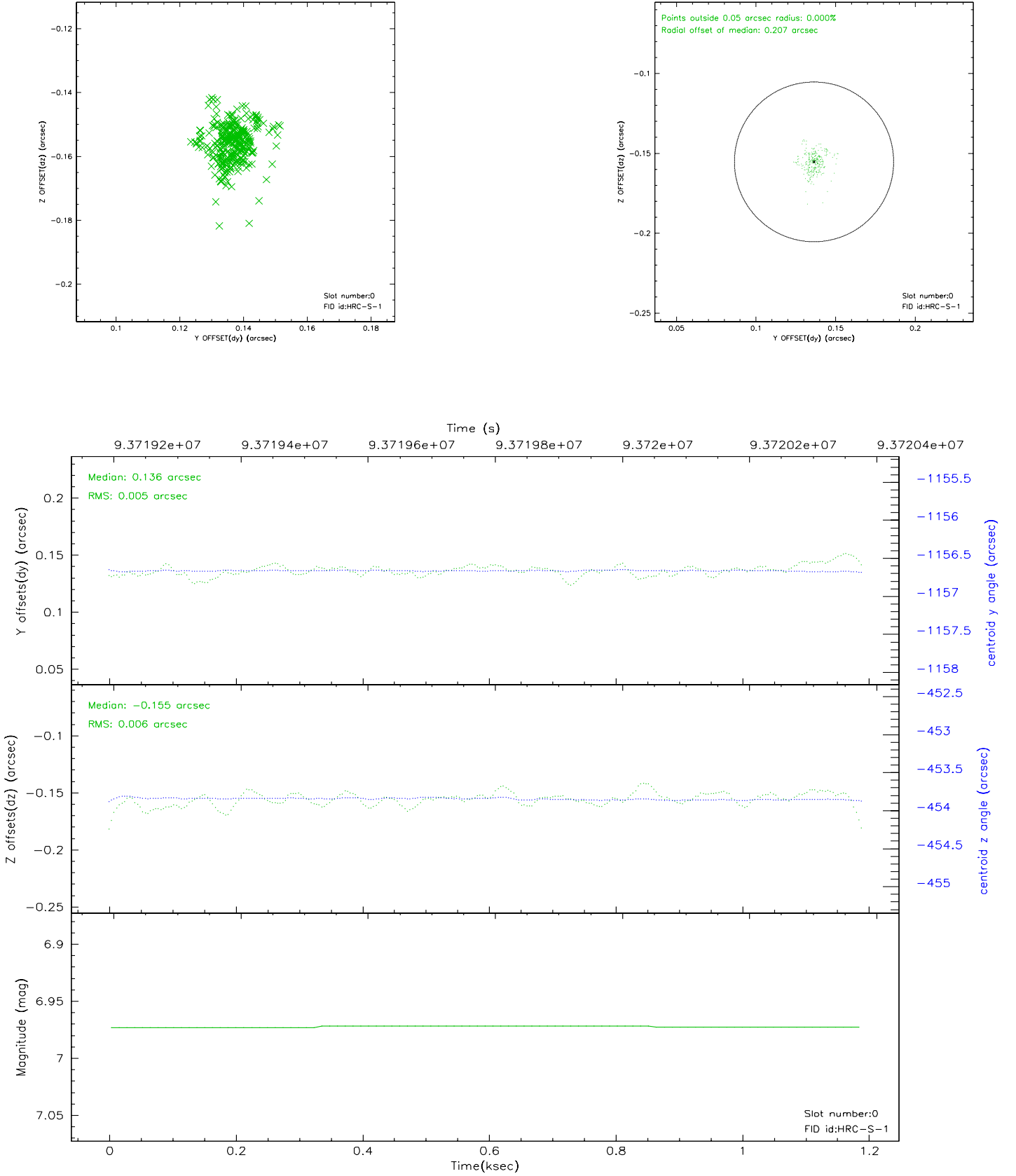


2.4.5 Slot 7

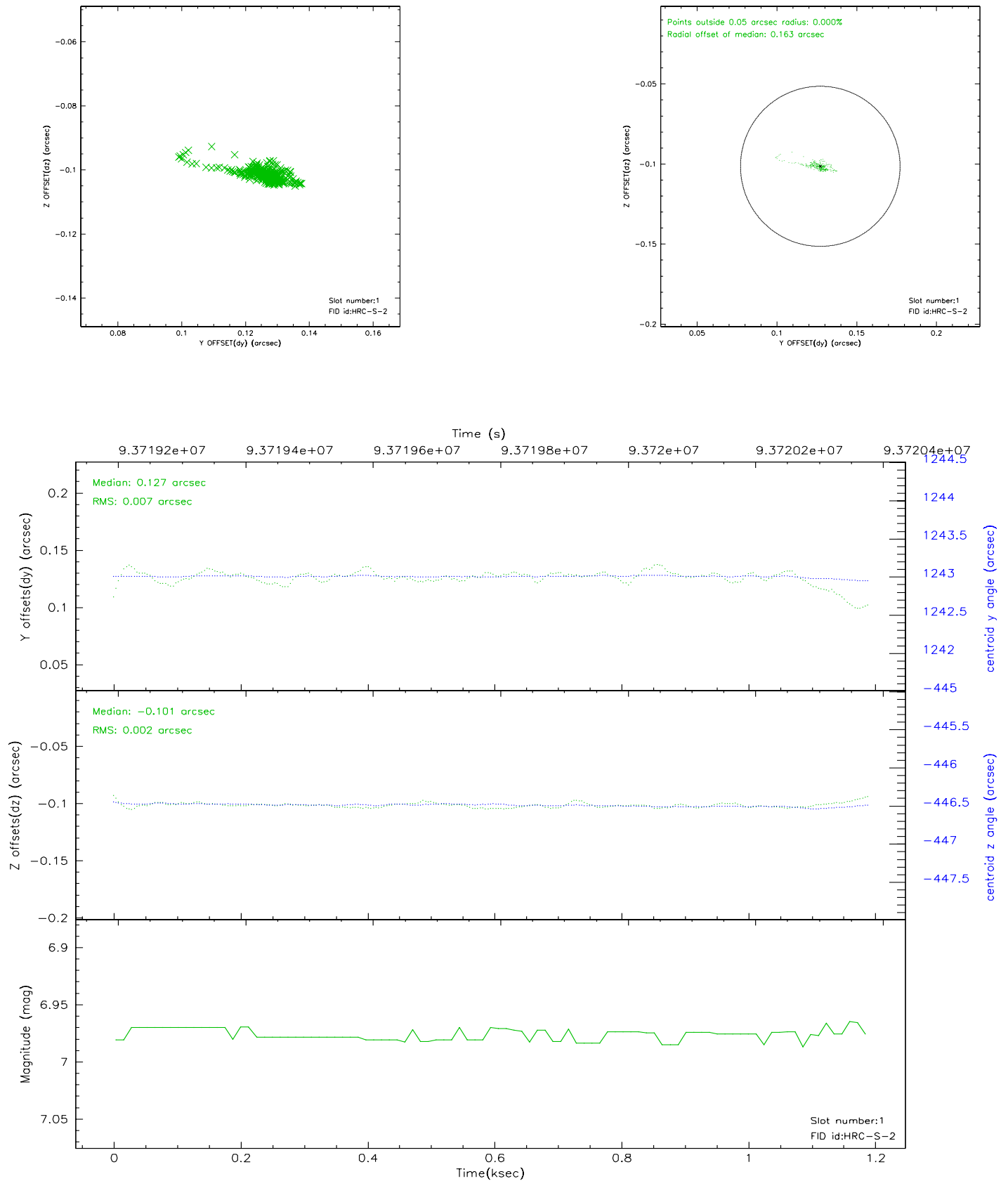


2.5 FID Slots

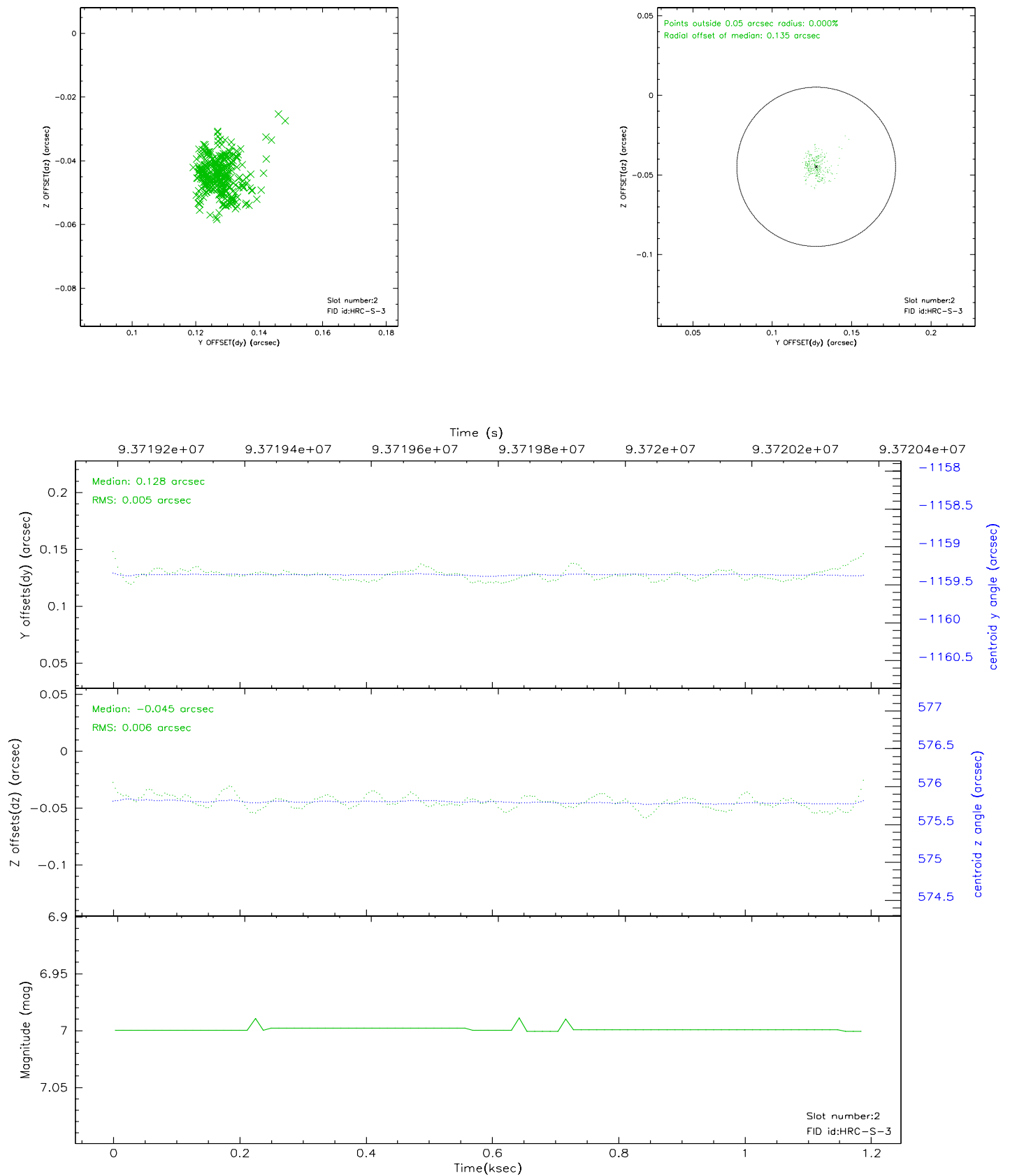
2.5.1 Slot 0



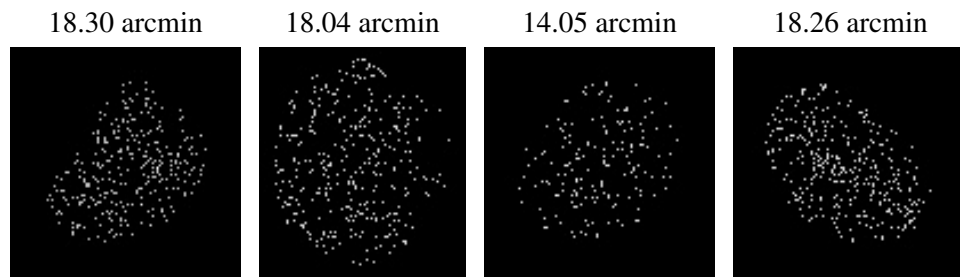
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.184

A.2 Comments