

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4339 - L2 Version 001
Chandra X-Ray Center

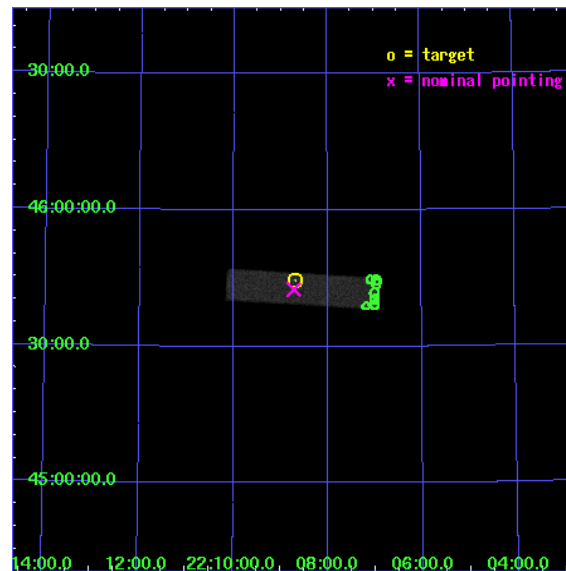
L2 Processing Date : Jul 27 2006

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

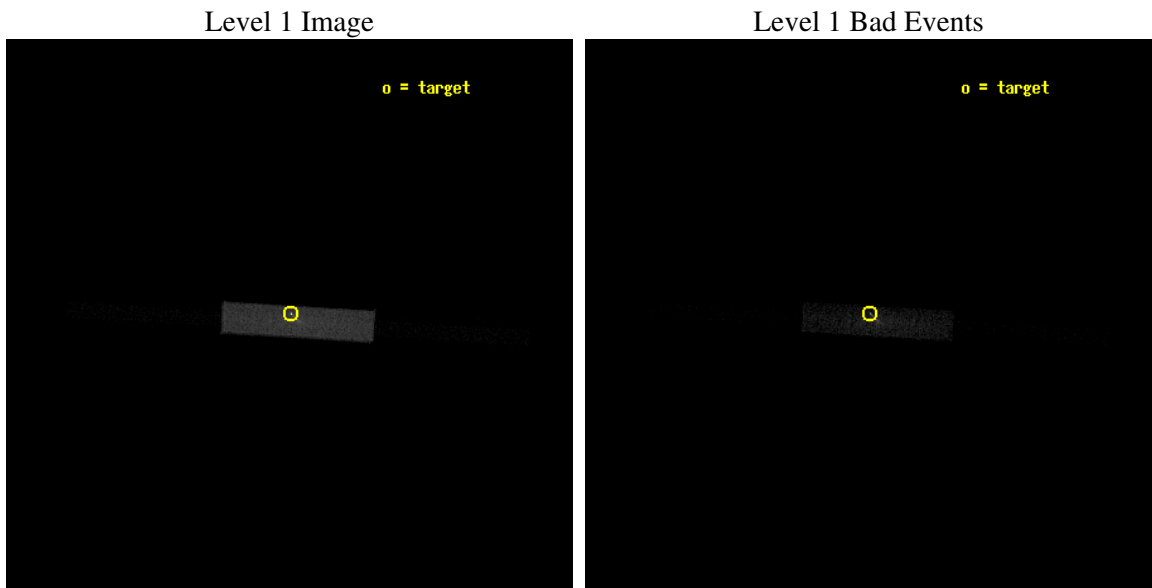
seq_num	290299
obs_id	4339
title	AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.17903488922
dec_nom	45.709794204999
roll_nom	3.4370049204469
revision	2
ontime	1142.1062980294
livetime	1136.2715483035
l2events	38192



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-27T20:31:07
revision	2

sched_exp_time	1000.000000
ontime	1179.775049597
l1events	66816

2.1.3 Events

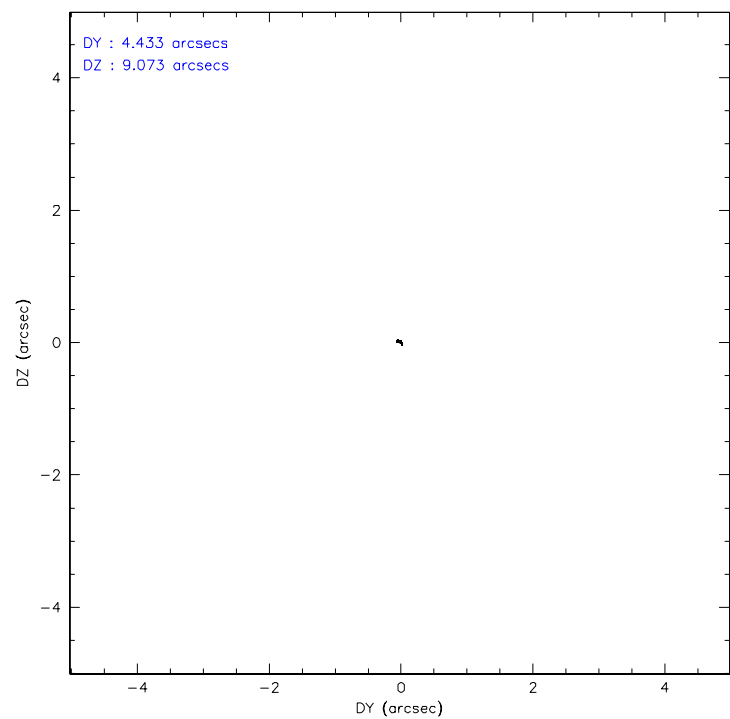
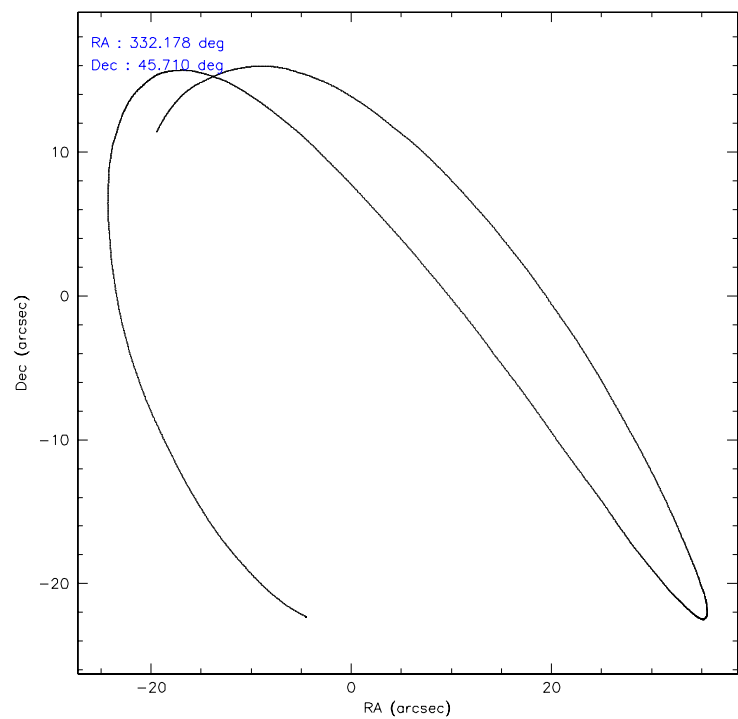
Level 1 Events

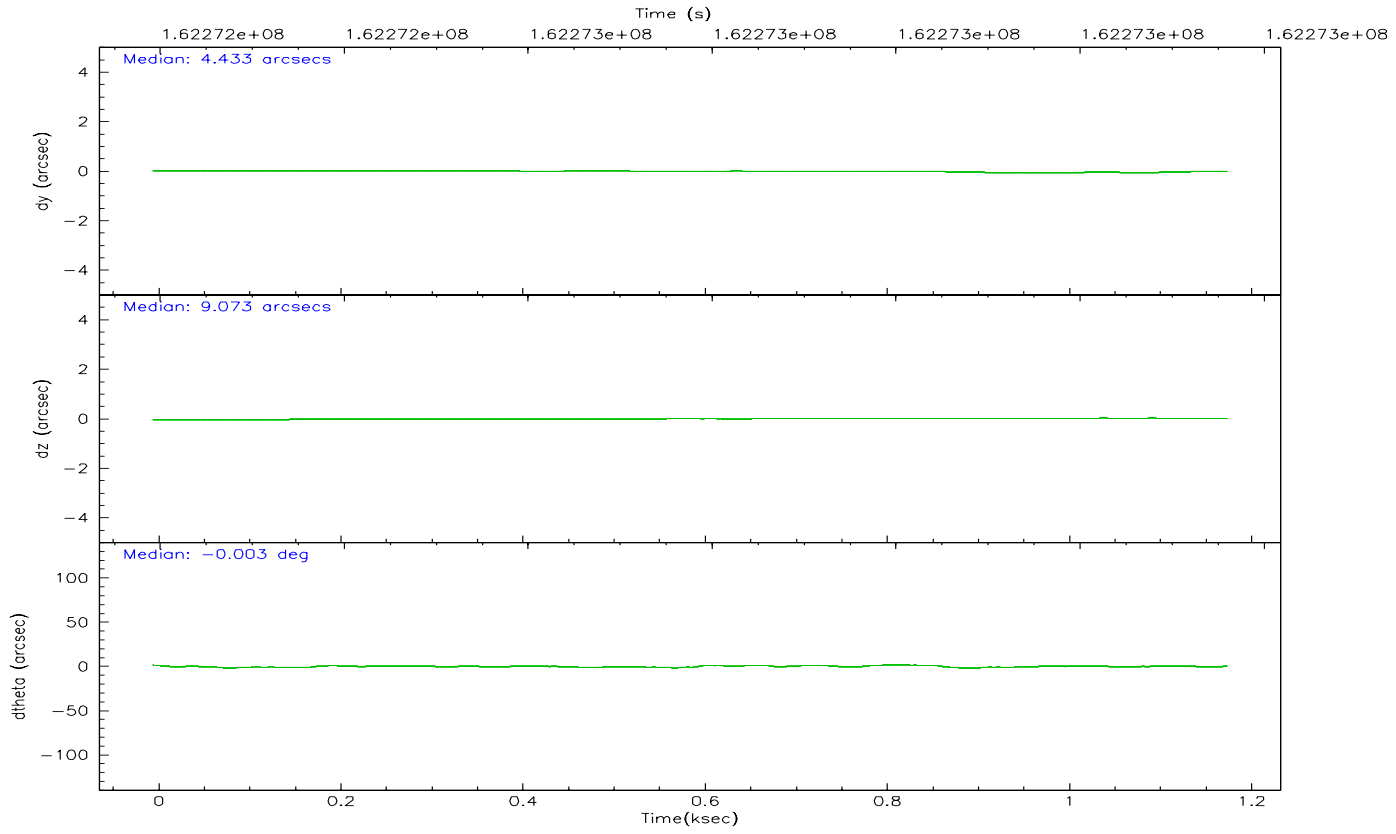
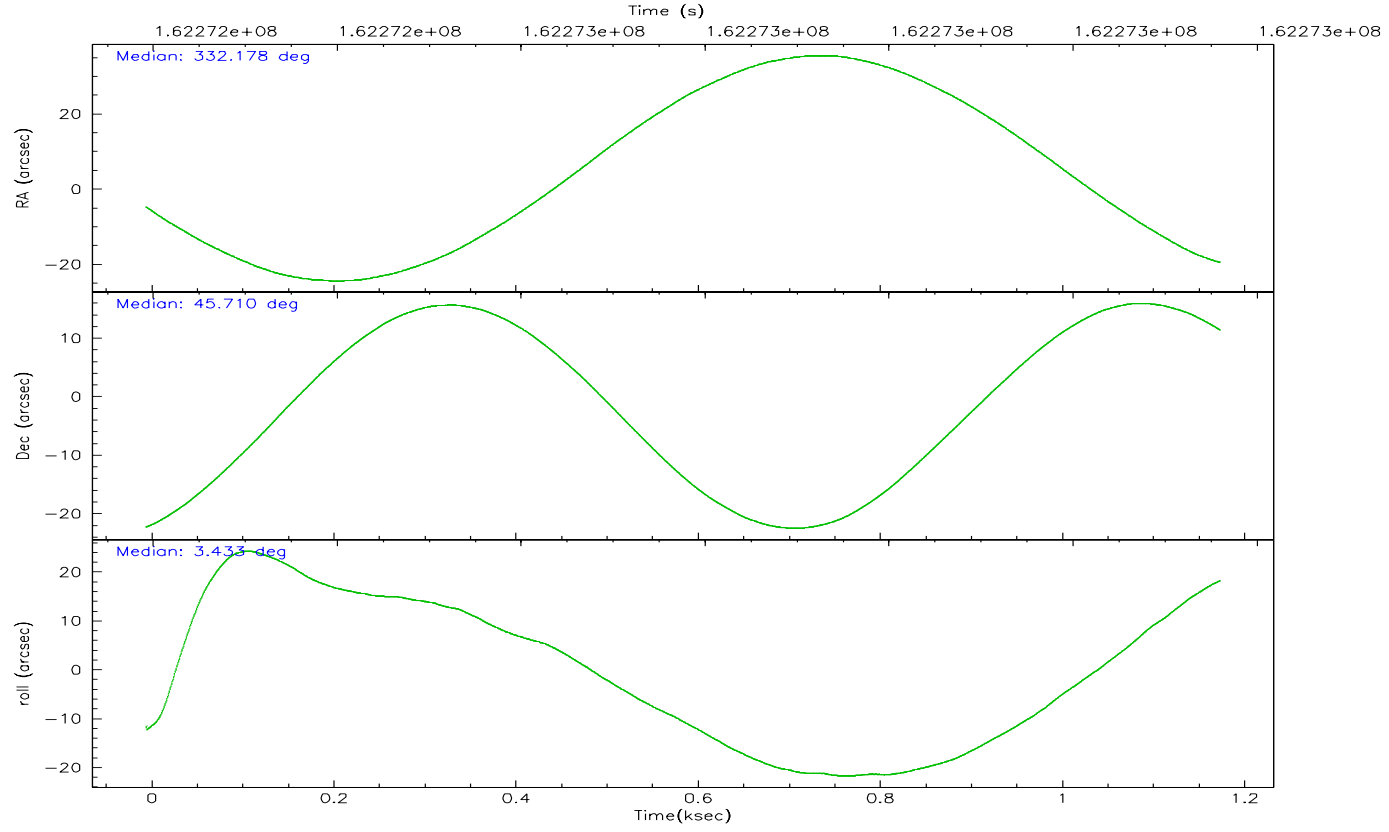
	segment 1	segment 2	segment 3
level 1 events	1142	64607	1067
rejected events	1142	23558	1067
rejected %	100%	36%	100%

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	332.146500	332.1790348892164			
Pointing Dec	45.692248	45.70979420499899			
Pointing Roll	3.393071	3.43700492044694			
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	162272365.184000	162271989.24365			
Observation start date	2003-02-22T03:38:21	2003-02-22T03:33:09			
Observation end time	162273365.184000	162273499.58121			
Observation end date	2003-02-22T03:55:01	2003-02-22T03:58:19			

2.3 Aspect



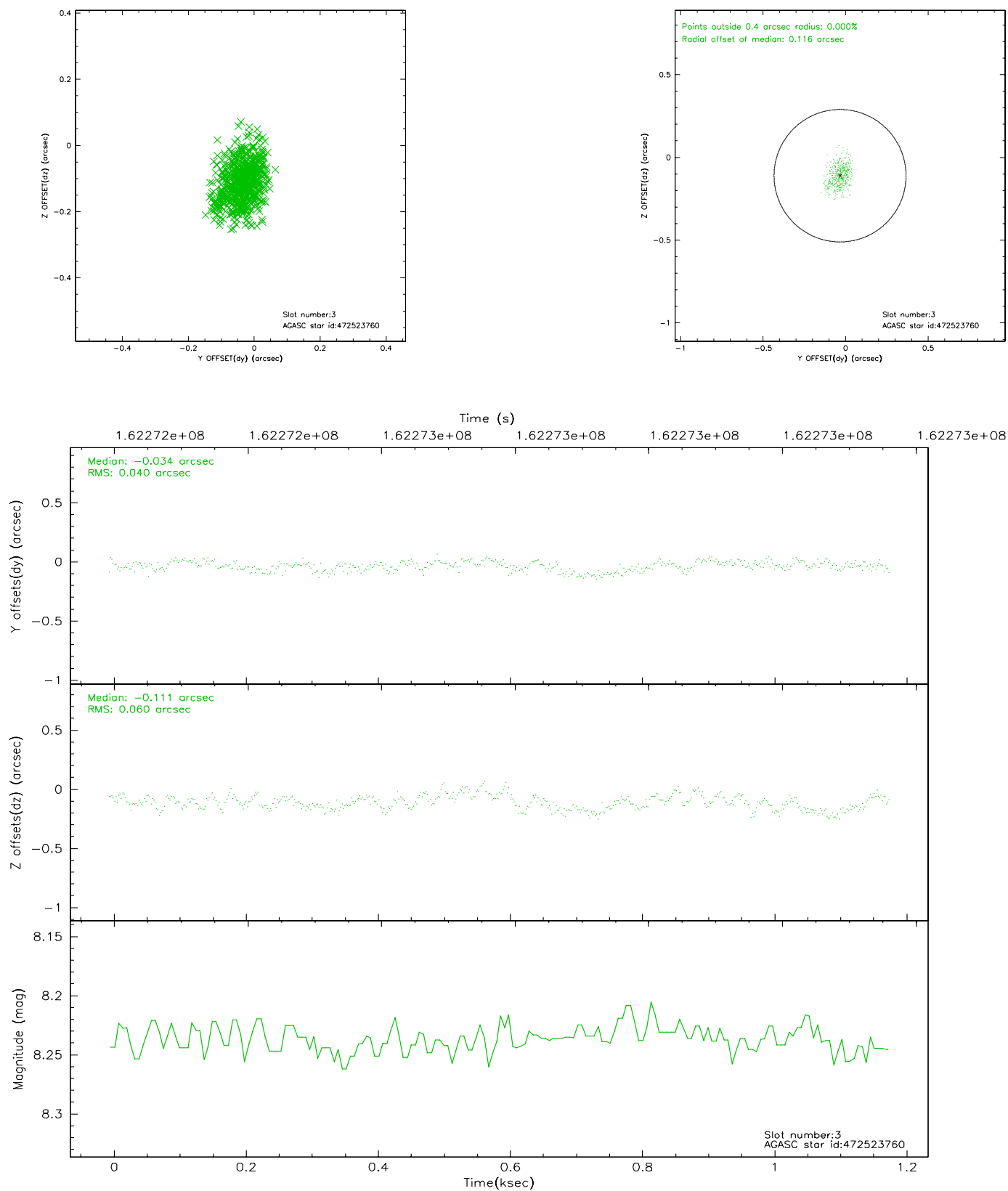


Slot Statistics

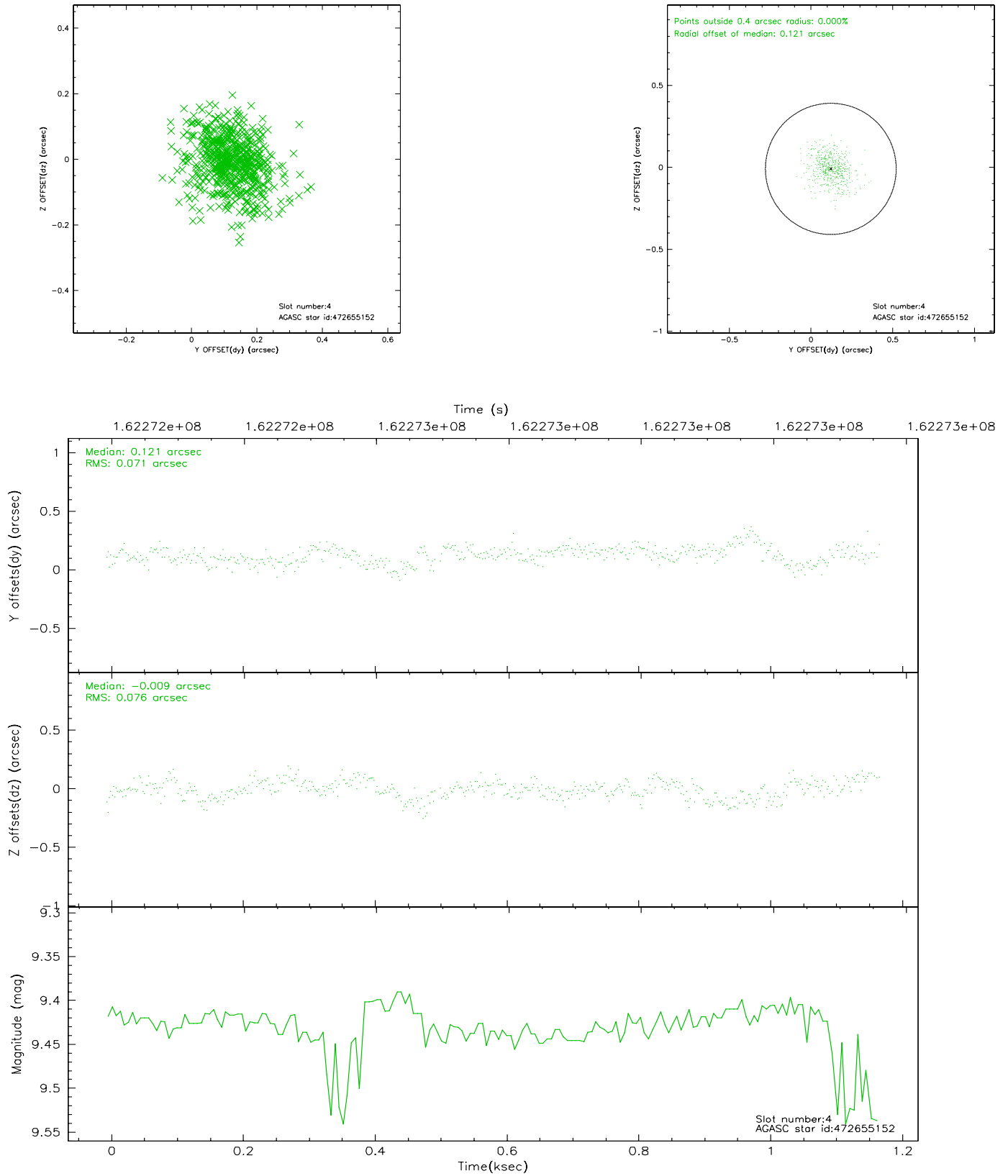
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	288	0.163	-0.171	0.009	0.016	0.000000	0.000000	-1158.47	-457.72
1	FID	HRC-S-2	7.01	287	0.062	-0.086	0.005	0.010	0.000000	0.000000	1237.07	-451.90
2	FID	HRC-S-3	7.03	288	0.165	-0.046	0.008	0.016	0.000000	0.000000	-1156.88	570.37
3	GUIDE	472523760	8.24	577	-0.034	-0.111	0.077	0.128	331.645363	45.403260	-1324.53	-961.98
4	GUIDE	472655152	9.43	563	0.121	-0.009	0.109	0.188	332.504239	45.862991	930.56	559.01
5	GUIDE	472659832	9.46	577	0.023	0.029	0.100	0.160	332.780399	46.098139	1669.34	1370.26
6	GUIDE	472527720	6.99	577	-0.035	-0.094	0.056	0.099	331.460205	45.112509	-1859.42	-1972.80
7	GUIDE	472652872	10.10	572	-0.067	0.177	0.183	0.298	332.255928	45.019274	132.72	-2440.24

2.4 Star Slots

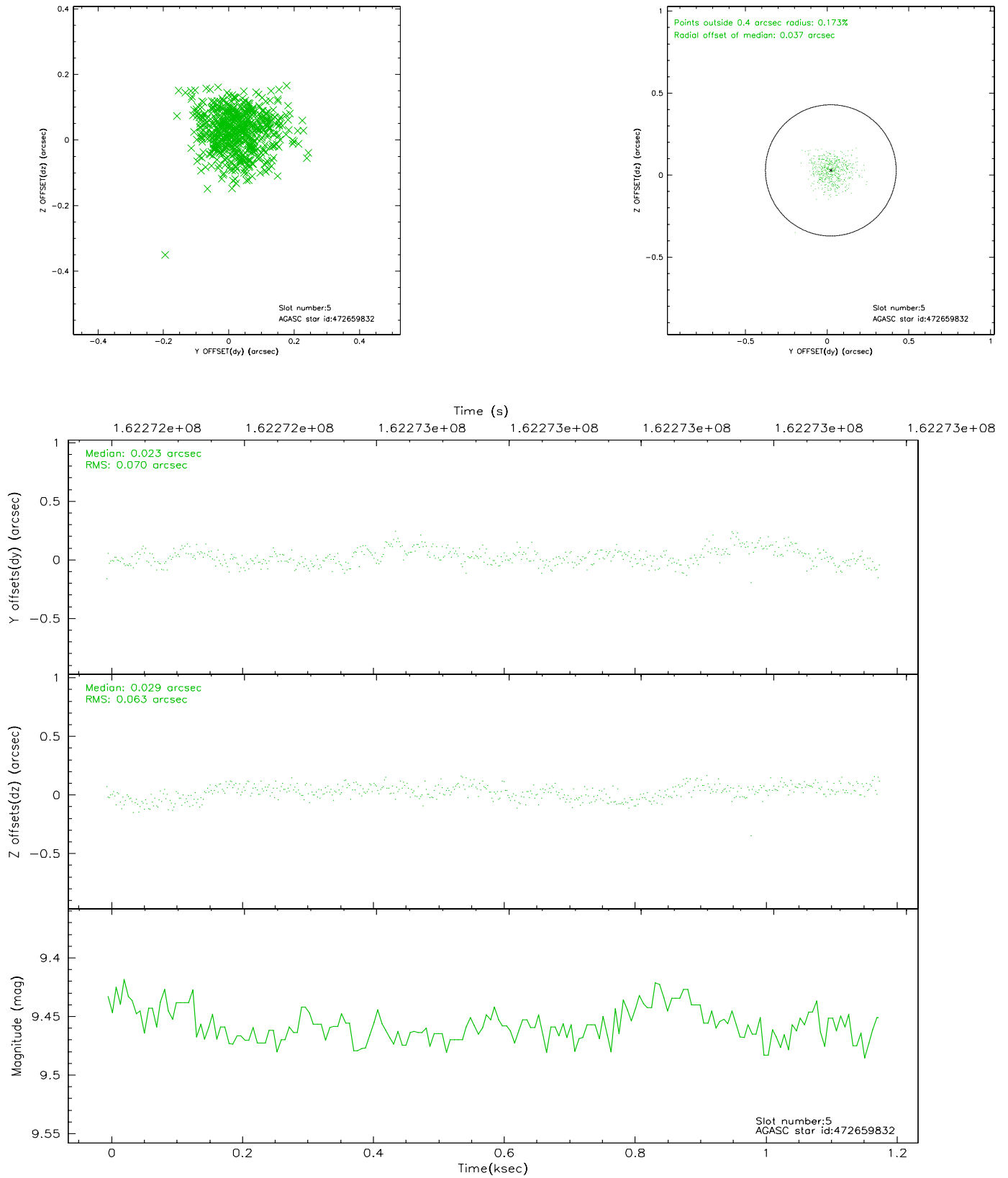
2.4.1 Slot 3



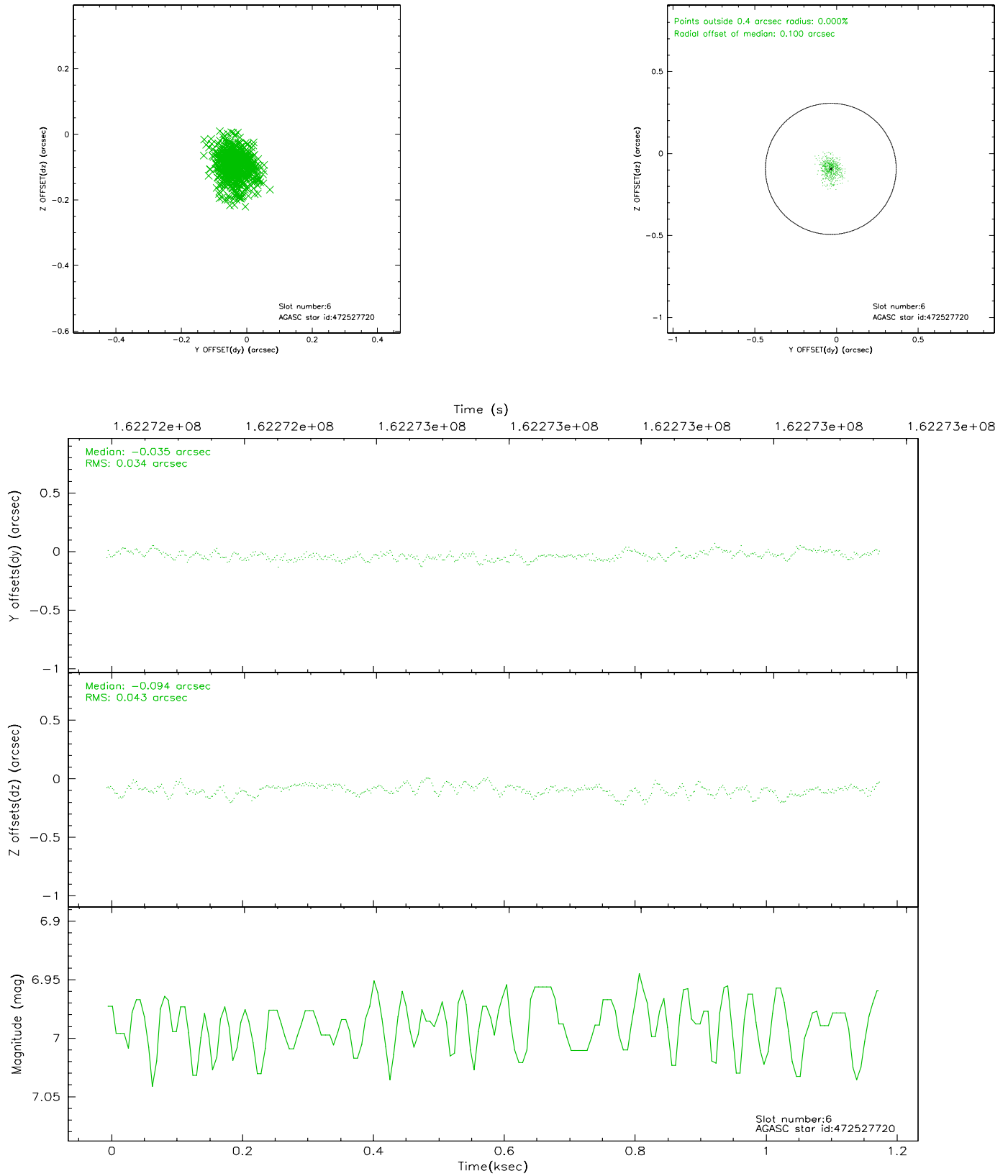
2.4.2 Slot 4



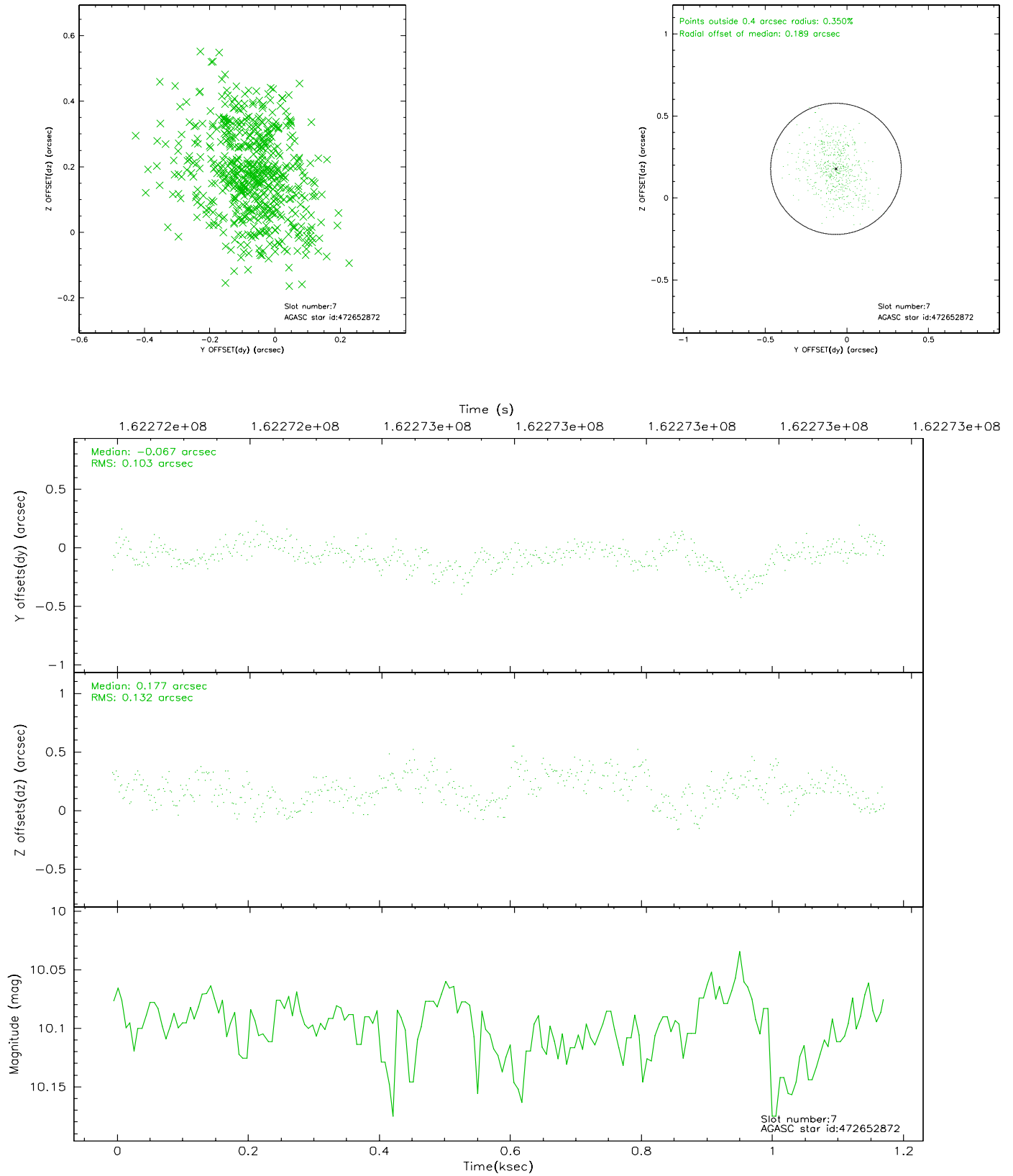
2.4.3 Slot 5



2.4.4 Slot 6

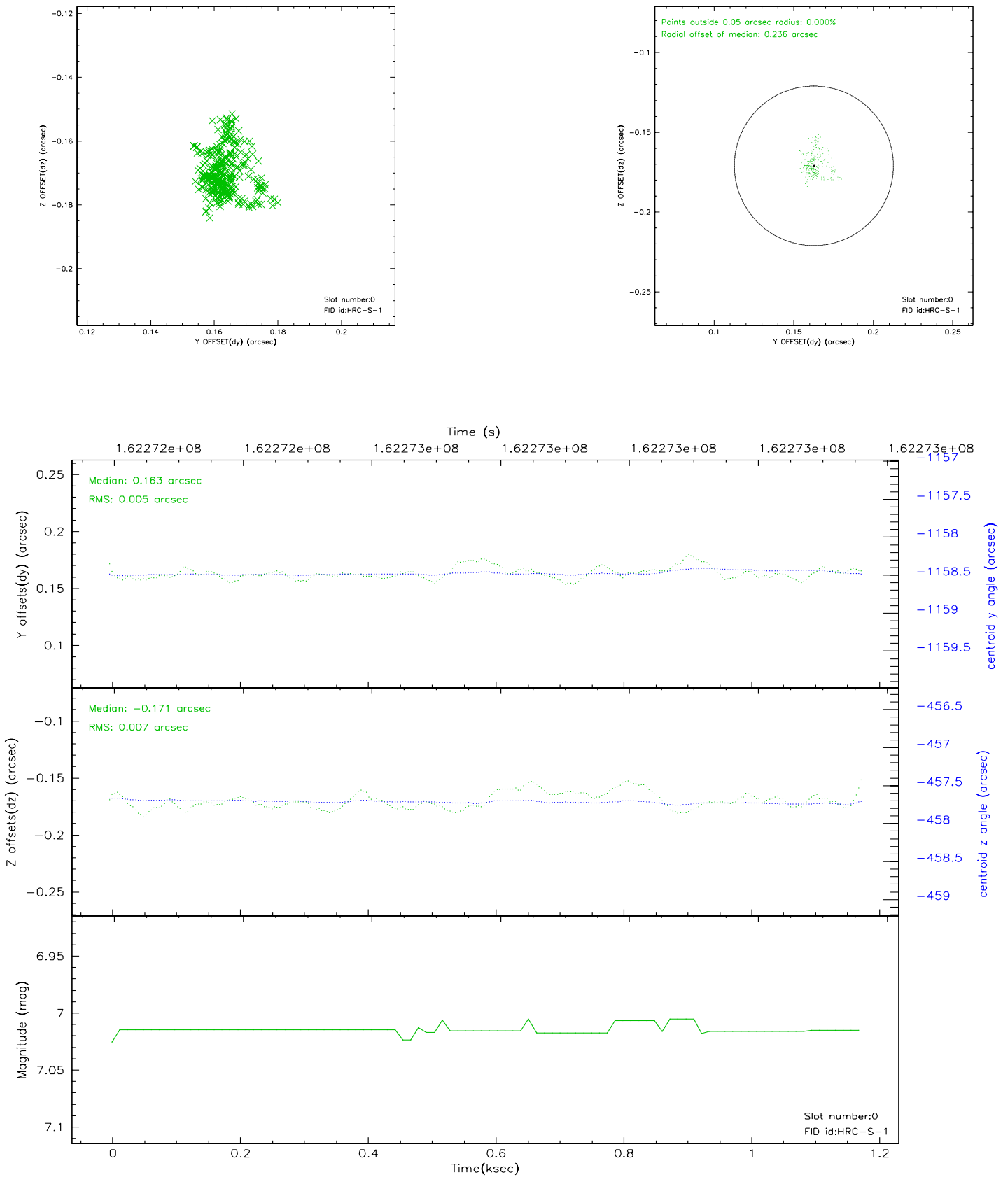


2.4.5 Slot 7

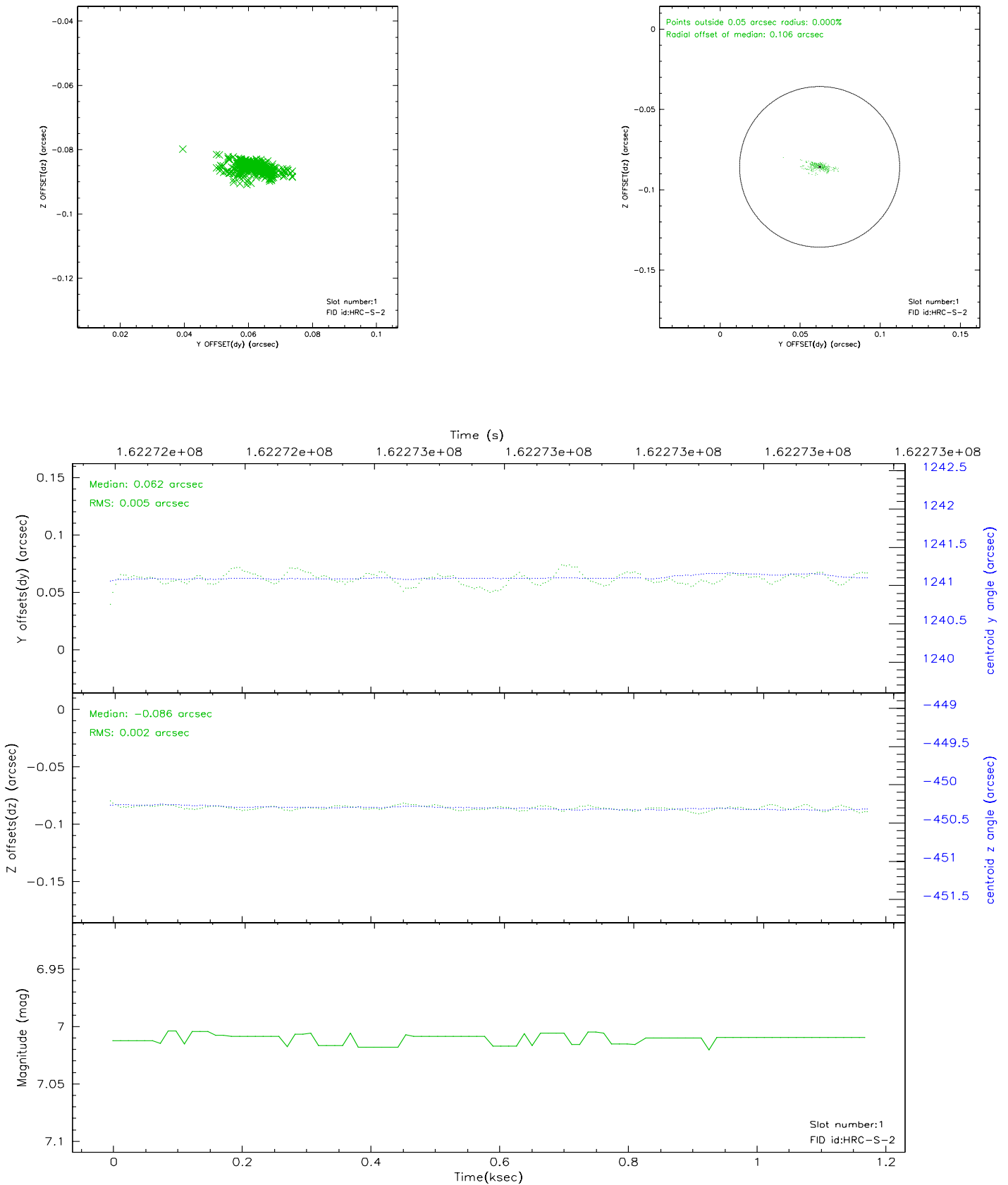


2.5 FID Slots

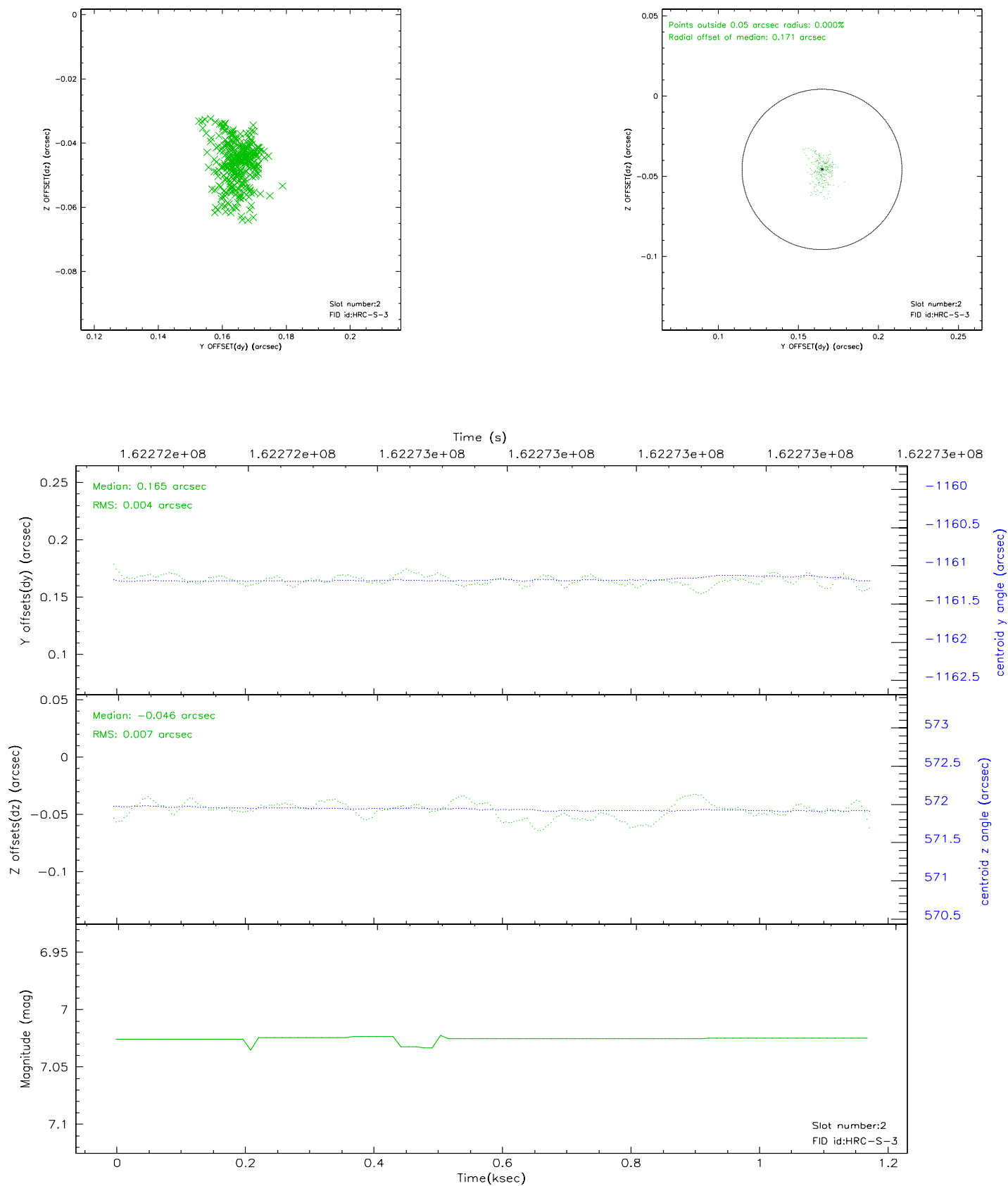
2.5.1 Slot 0



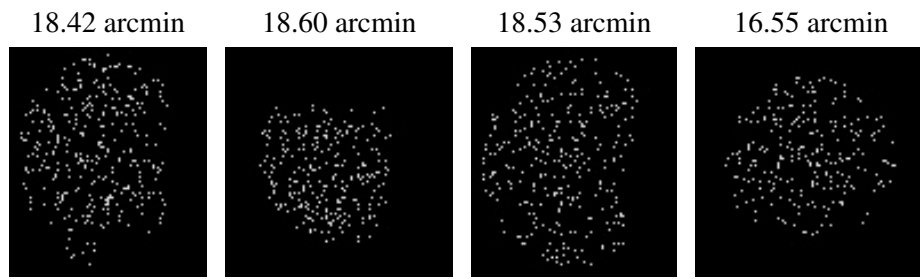
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.142

A.2 Comments

Monitor constraint not met.