

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4338 - L2 Version 001
Chandra X-Ray Center

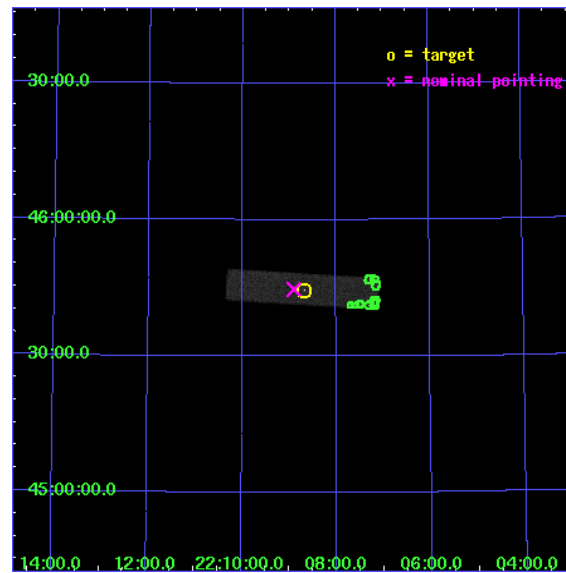
L2 Processing Date : Jul 27 2006

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

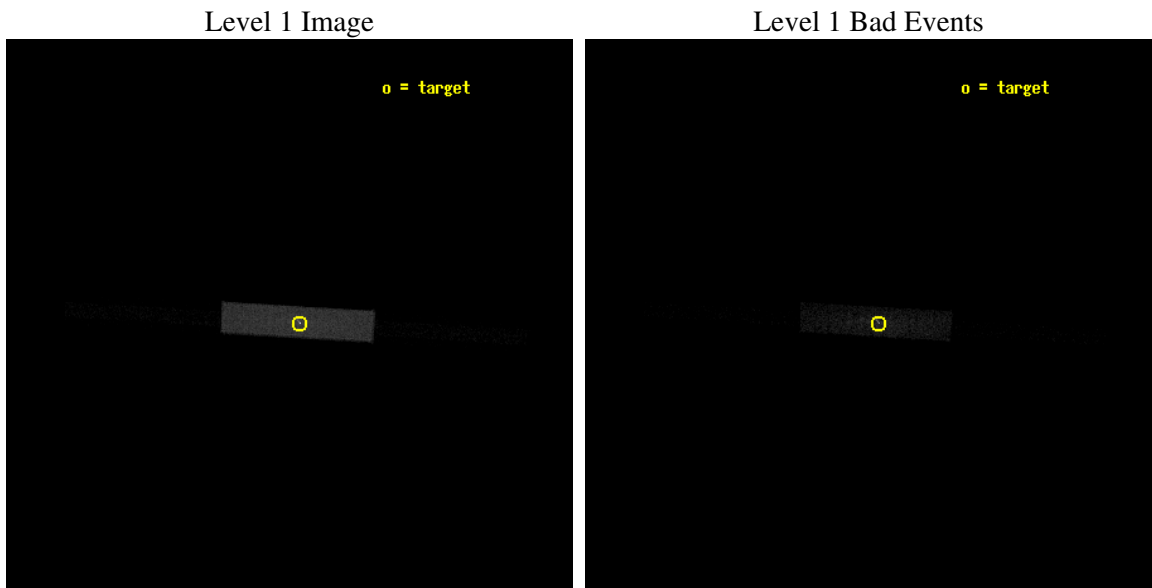
seq_num	290298
obs_id	4338
title	AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.22494955038
dec_nom	45.745208989684
roll_nom	3.3608063823552
revision	2
ontime	1143.1312980652
livetime	1137.4444051292
l2events	36847



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	2006-07-27T20:23:44
revision	2

sched_exp_time	1000.000000
ontime	1186.950049907
l1events	65348

2.1.3 Events

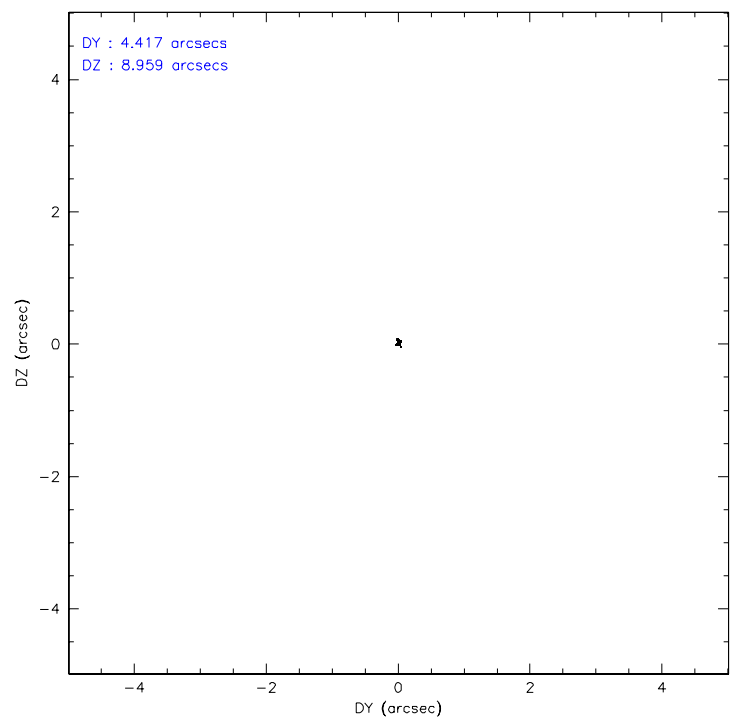
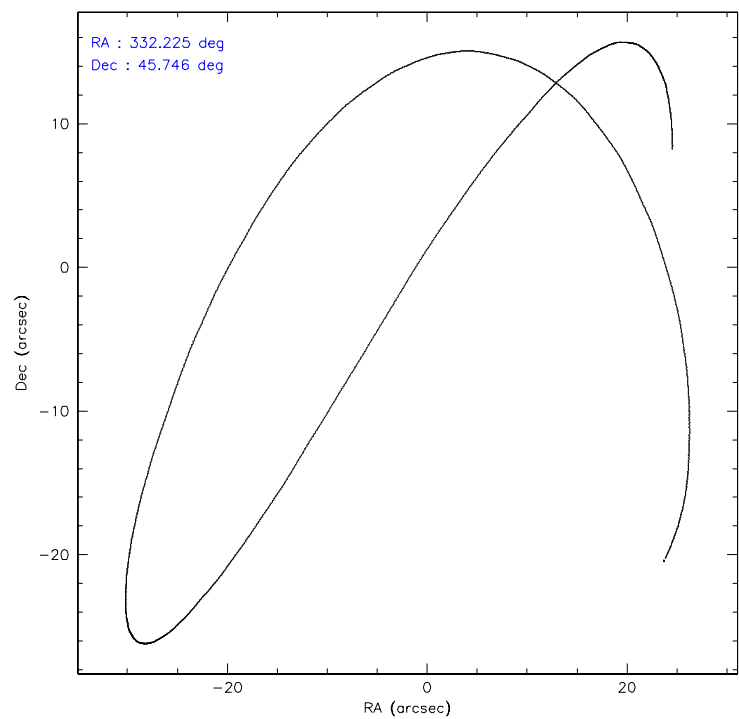
Level 1 Events

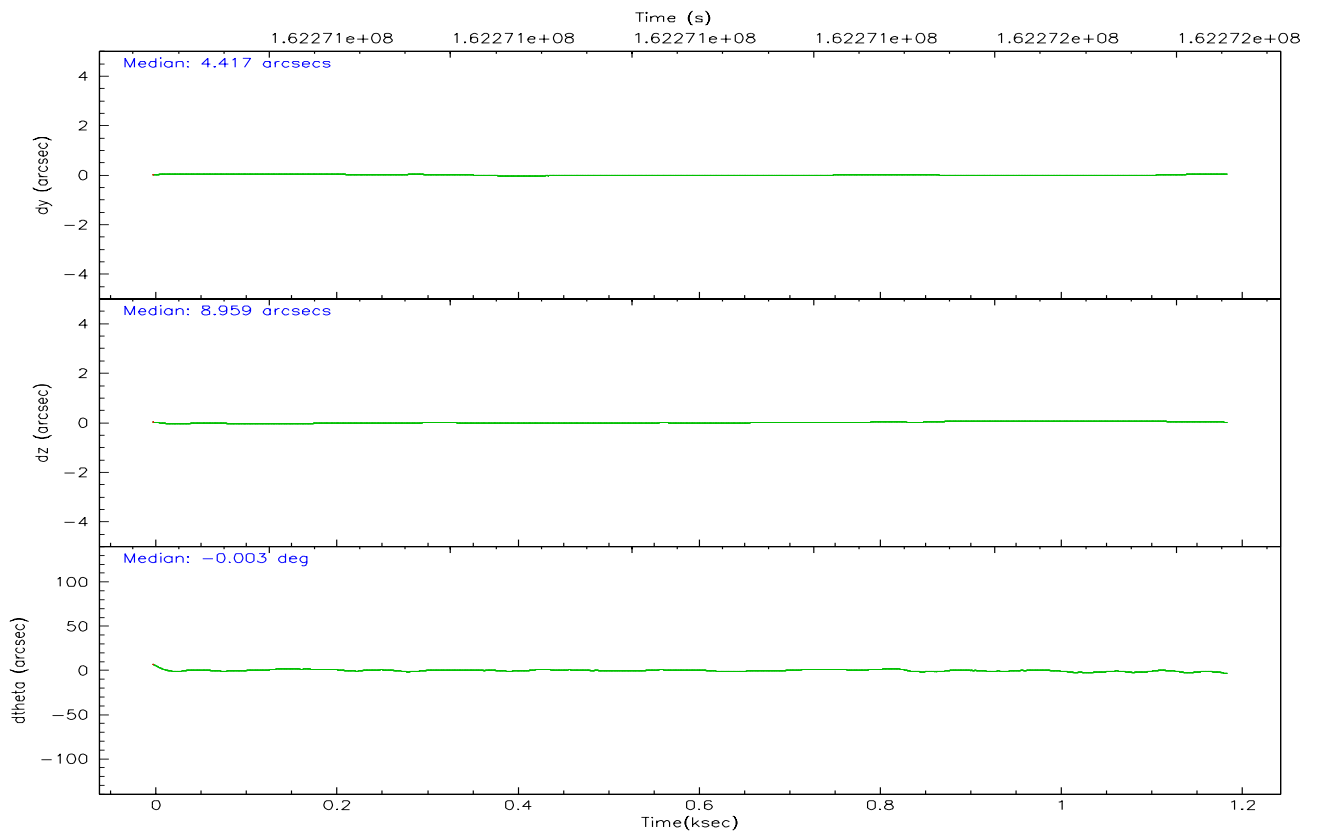
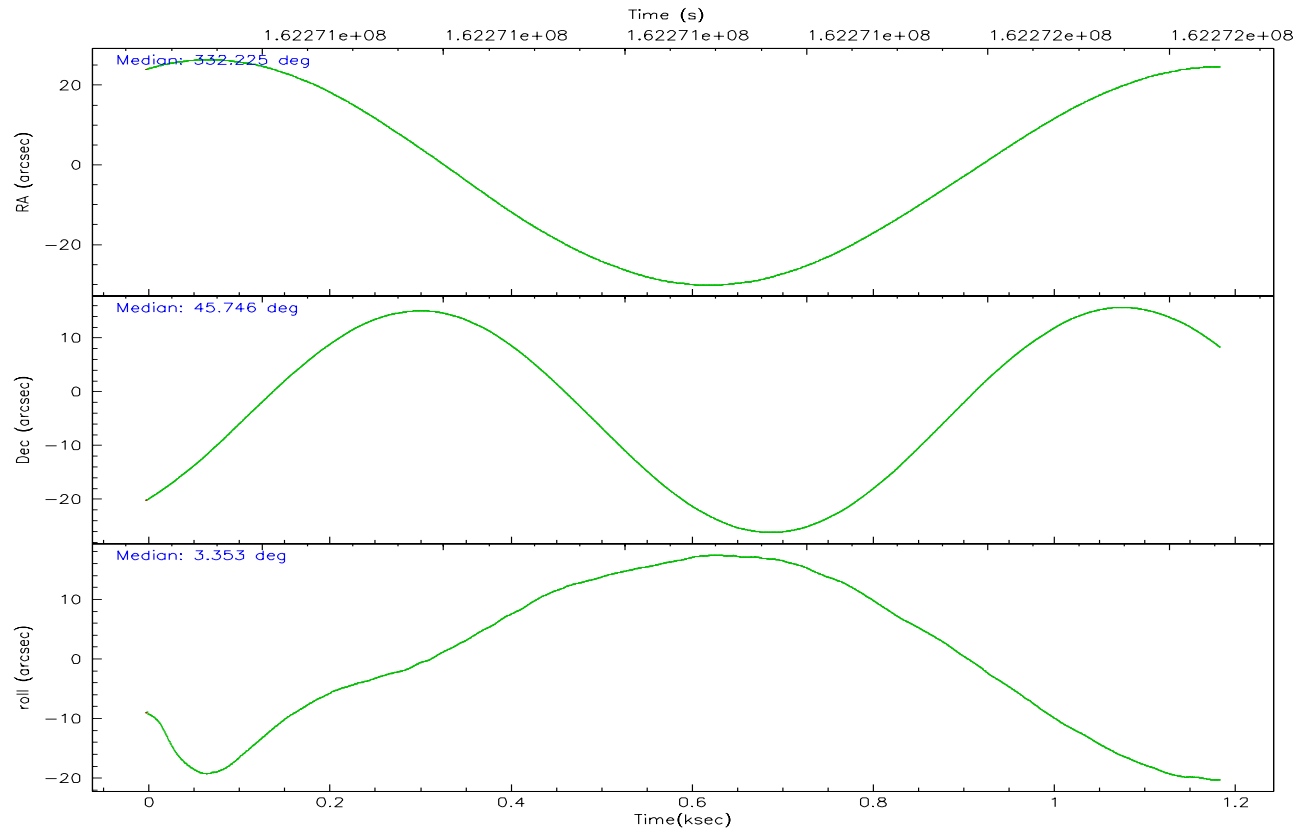
	segment 1	segment 2	segment 3
level 1 events	1071	63259	1018
rejected events	1071	23555	1018
rejected %	100%	37%	100%

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	332.191330	332.2249495503847			
Pointing Dec	45.727474	45.74520898968363			
Pointing Roll	3.317494	3.360806382355224			
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	162270855.184000	162270479.41858			
Observation start date	2003-02-22T03:13:11	2003-02-22T03:07:59			
Observation end time	162271855.184000	162271989.24365			
Observation end date	2003-02-22T03:29:51	2003-02-22T03:33:09			

2.3 Aspect



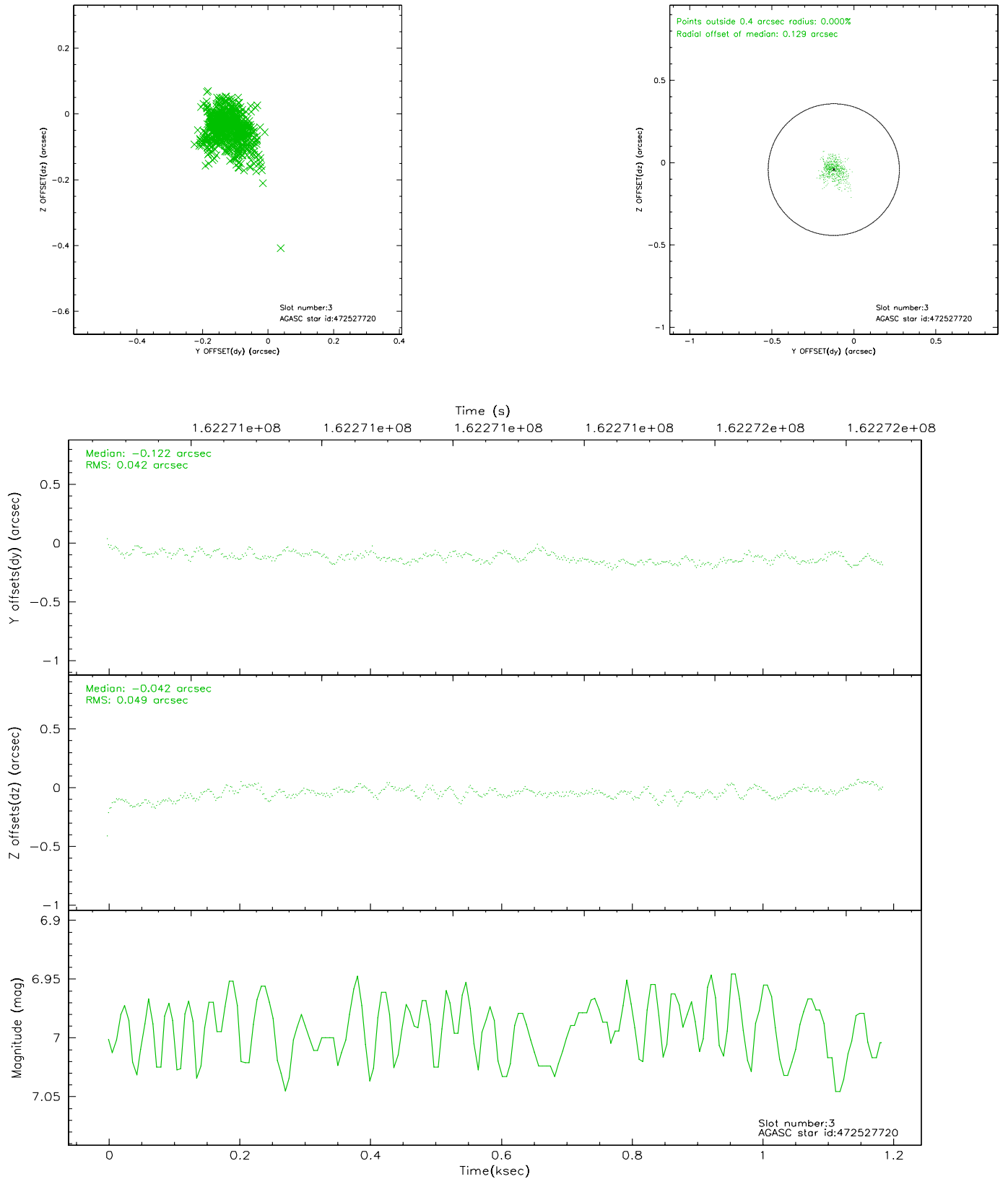


Slot Statistics

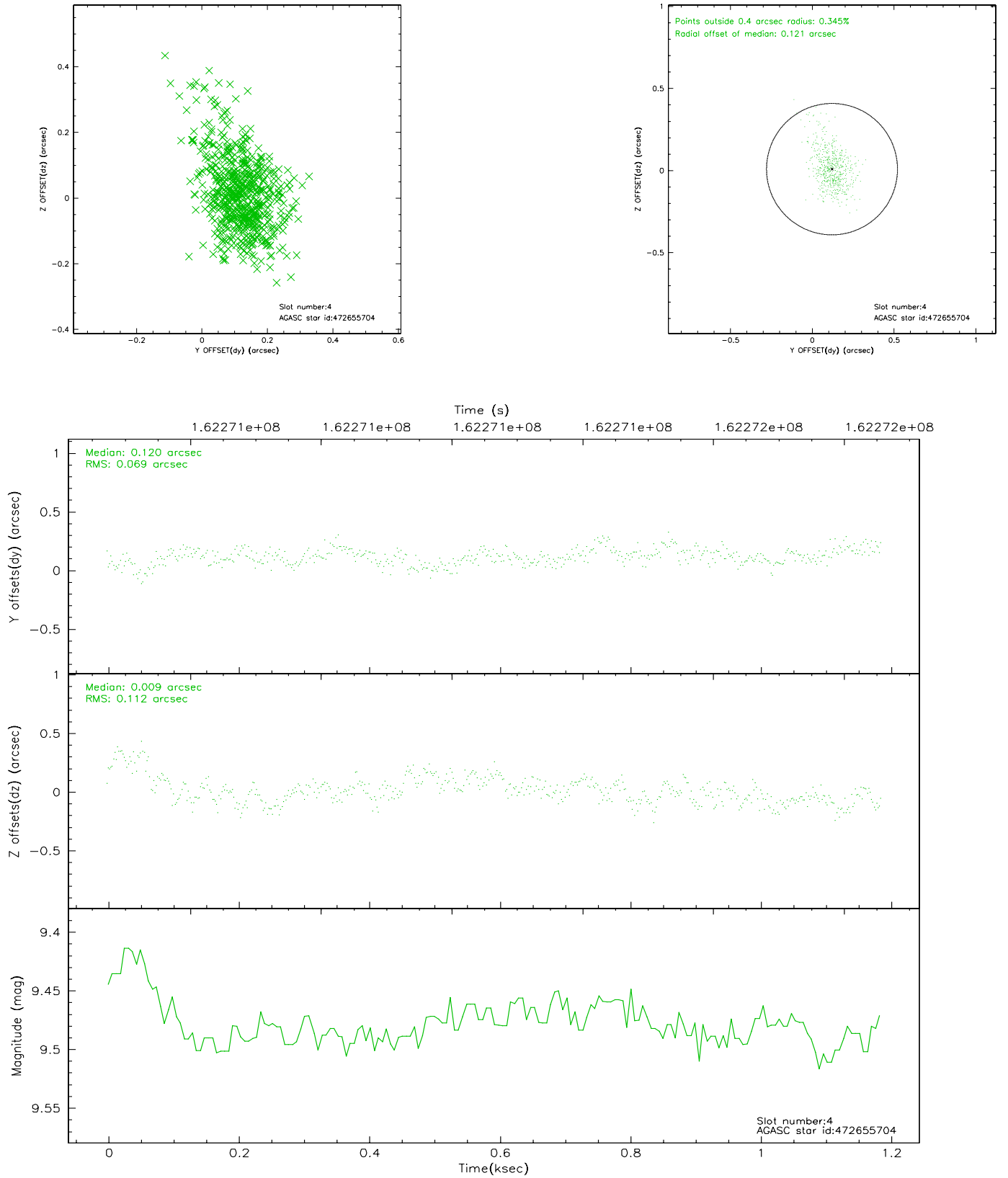
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	290	0.142	-0.157	0.008	0.016	0.000000	0.000000	-1158.49	-457.61
1	FID	HRC-S-3	7.03	290	0.149	-0.035	0.009	0.013	0.000000	0.000000	-1165.19	570.47
2	FID	HRC-S-4	6.99	290	0.097	-0.105	0.005	0.011	0.000000	0.000000	1235.71	576.49
3	GUIDE	472527720	6.99	580	-0.122	-0.042	0.064	0.109	331.460205	45.112509	-1983.40	-2097.31
4	GUIDE	472655704	9.48	579	0.120	0.009	0.131	0.243	332.167195	45.285228	-157.74	-1592.15
5	GUIDE	472659832	9.46	580	0.010	0.027	0.105	0.171	332.780399	46.098139	1543.65	1247.32
6	GUIDE	472533912	9.18	580	0.020	-0.076	0.127	0.207	331.791136	46.368695	-857.93	2363.84
7	GUIDE	472654568	9.44	579	-0.028	0.069	0.107	0.173	332.194449	45.063576	-133.03	-2385.02

2.4 Star Slots

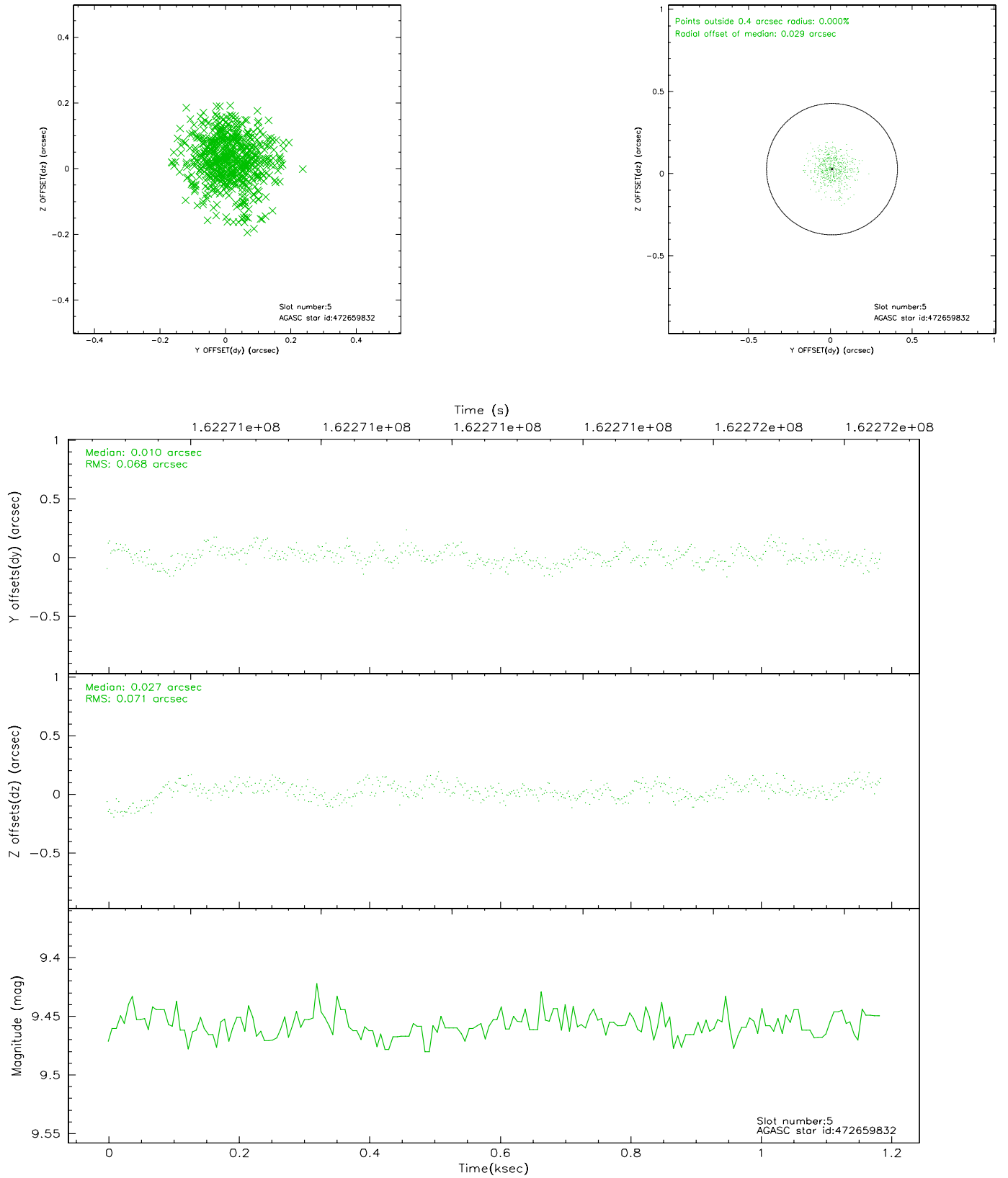
2.4.1 Slot 3



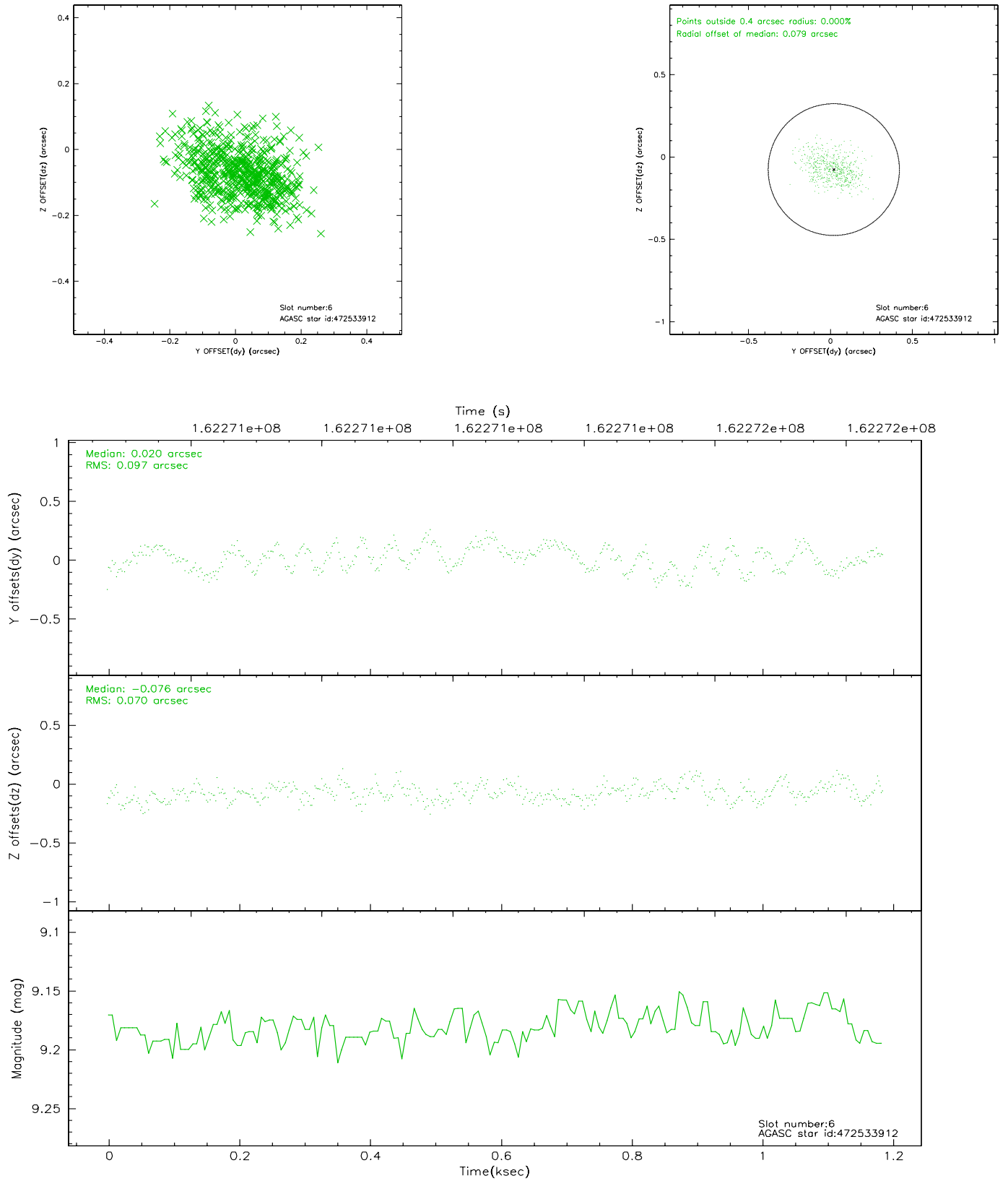
2.4.2 Slot 4



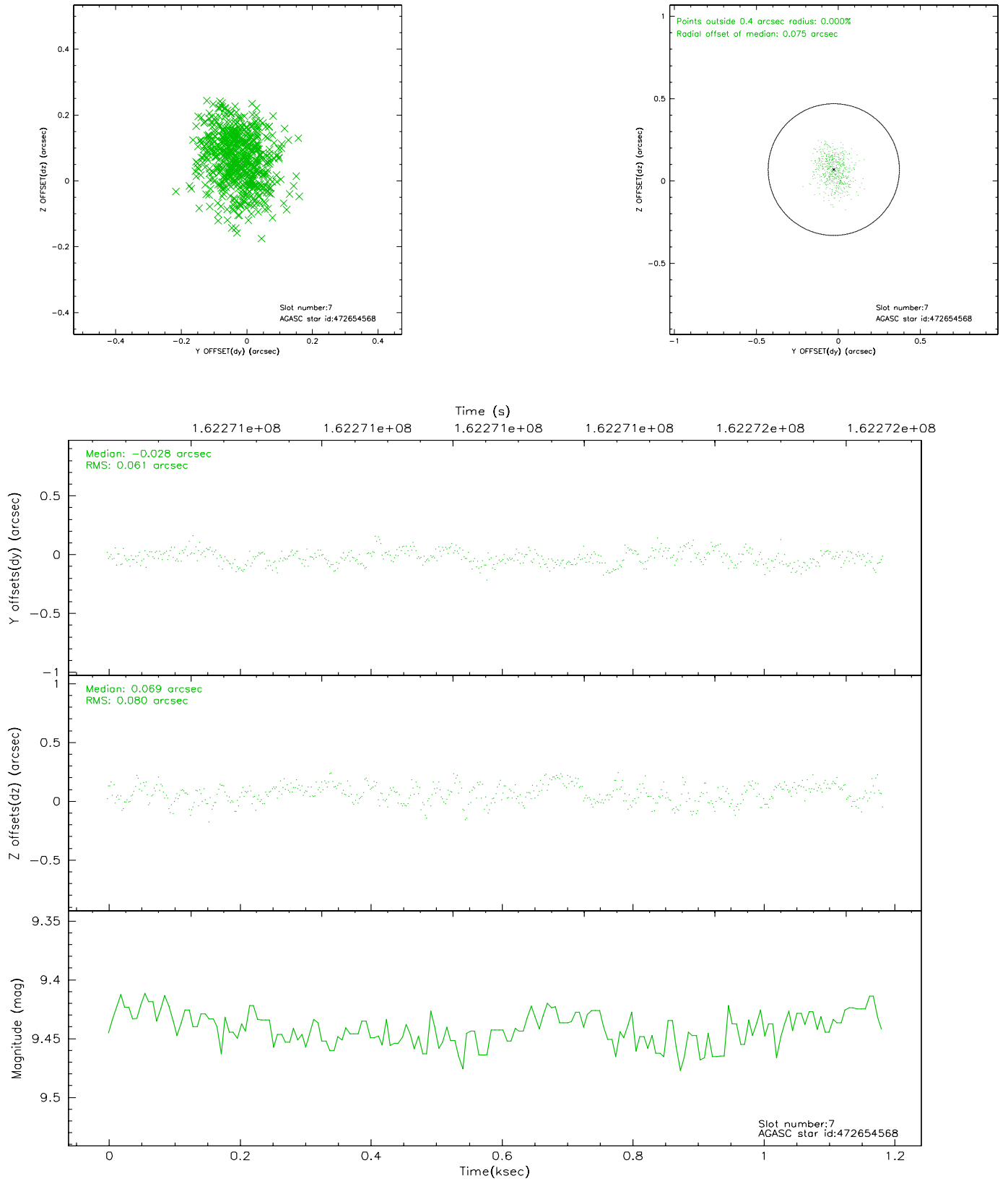
2.4.3 Slot 5



2.4.4 Slot 6

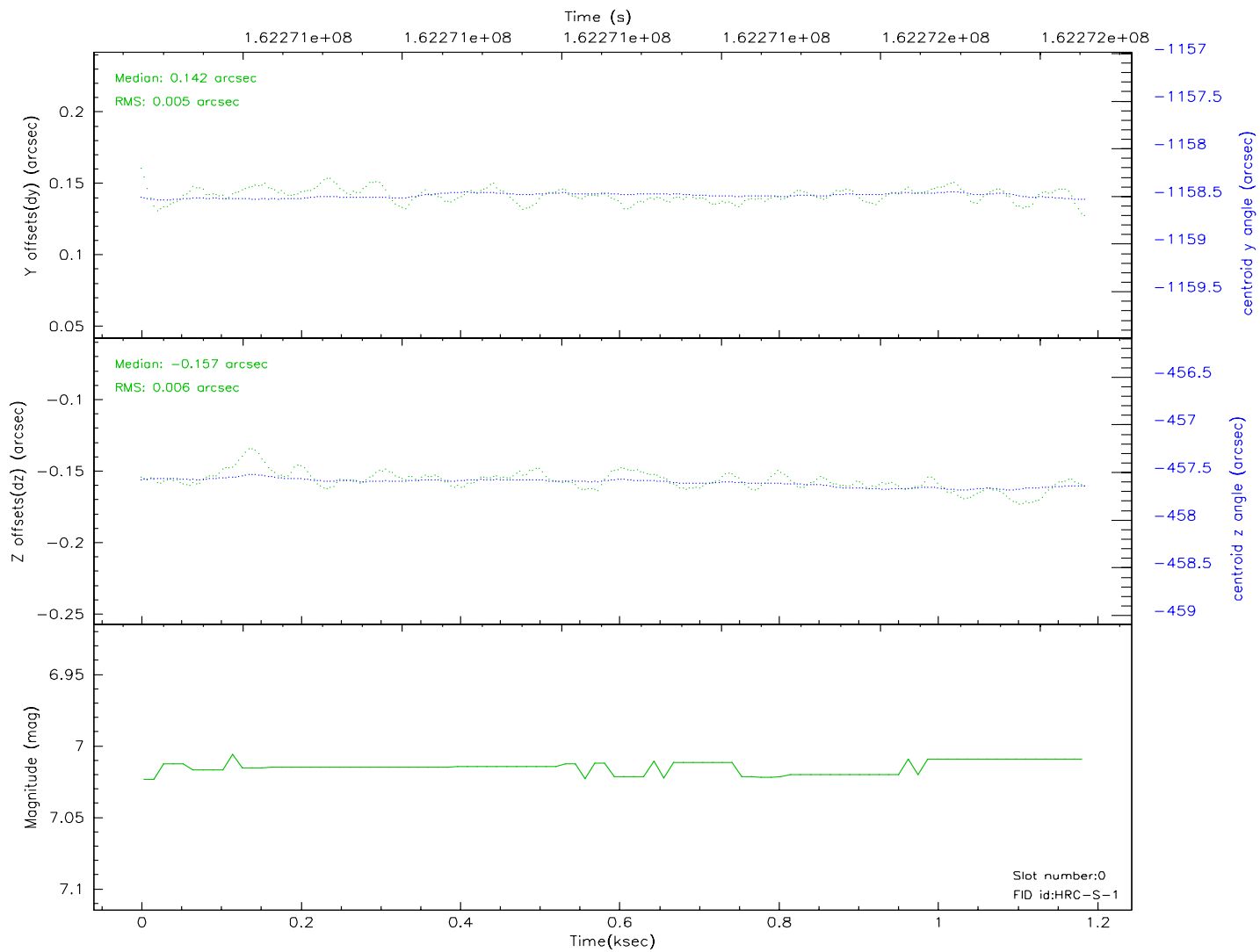
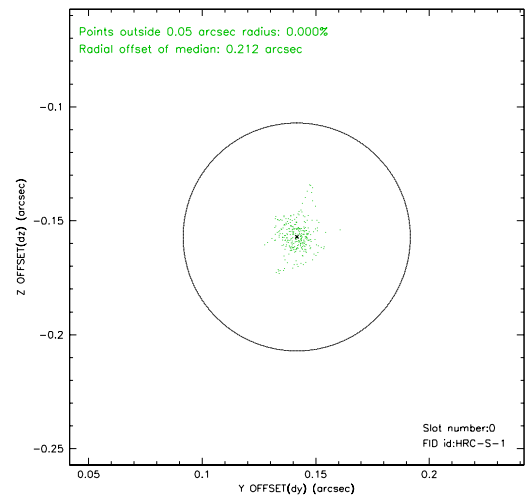
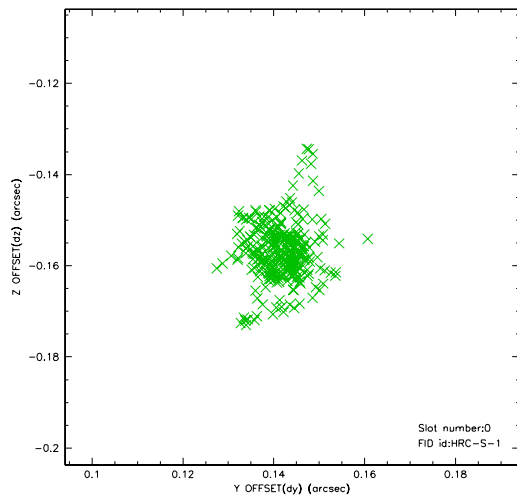


2.4.5 Slot 7

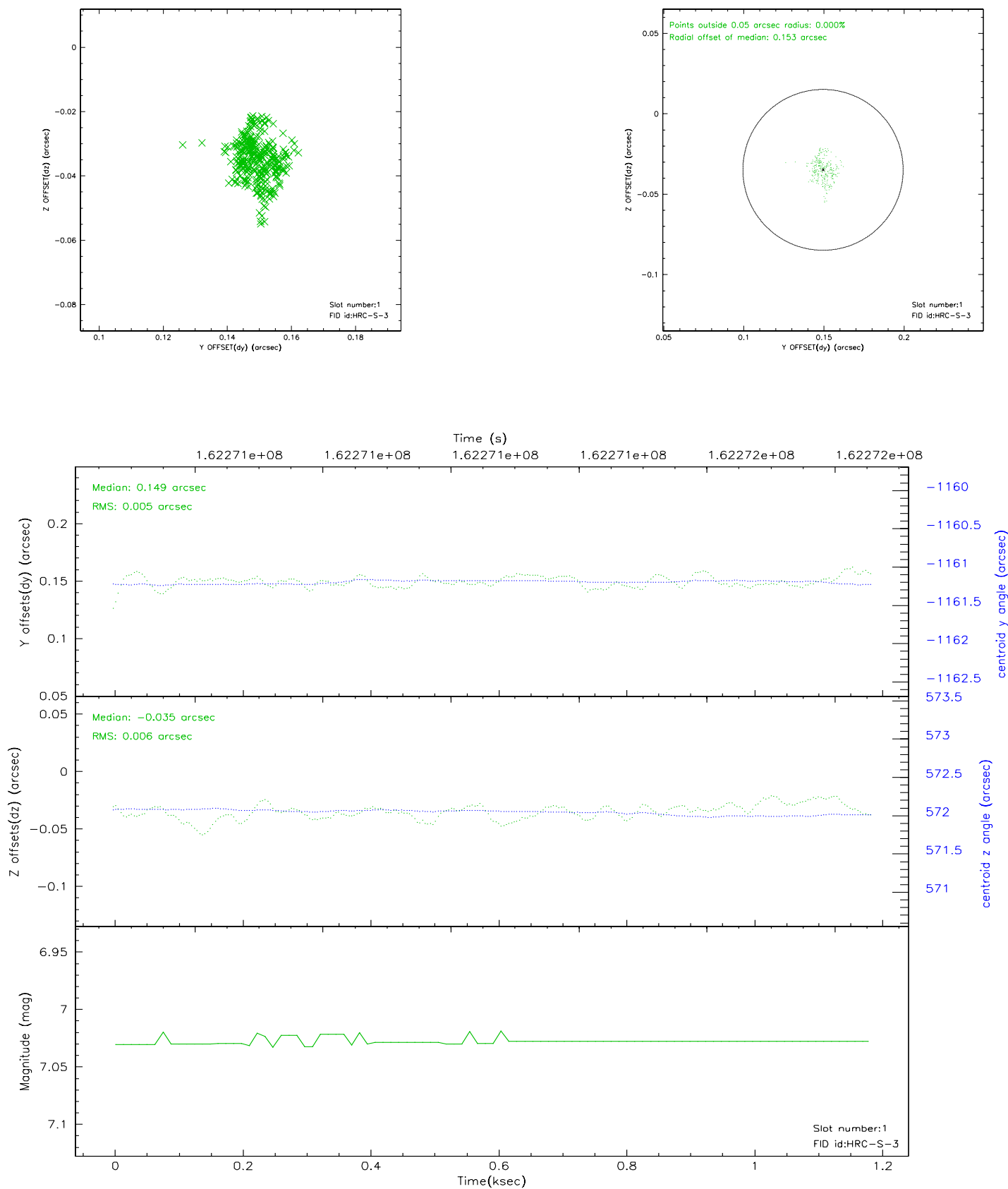


2.5 FID Slots

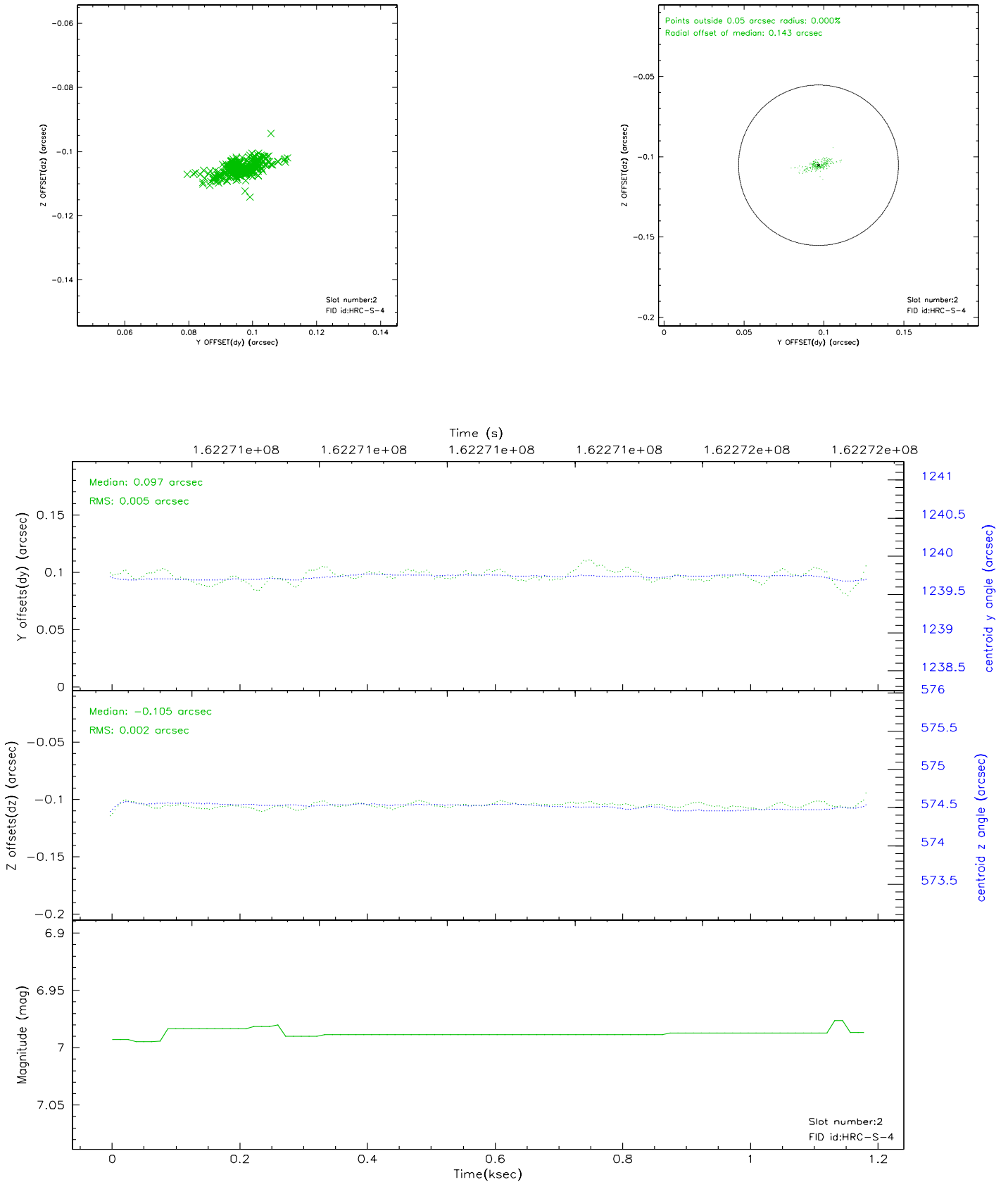
2.5.1 Slot 0



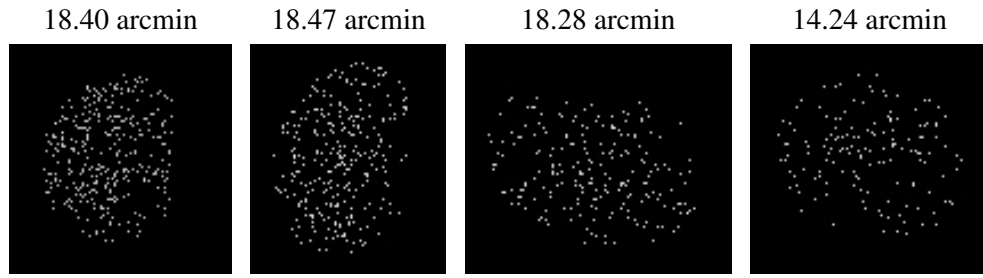
2.5.2 Slot 1



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	1.143

A.2 Comments