

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4337 - L2 Version 001
Chandra X-Ray Center

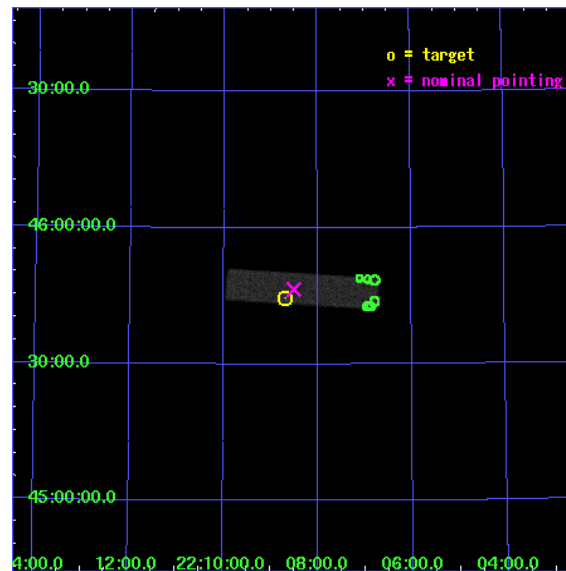
L2 Processing Date : Jul 27 2006

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1 Front

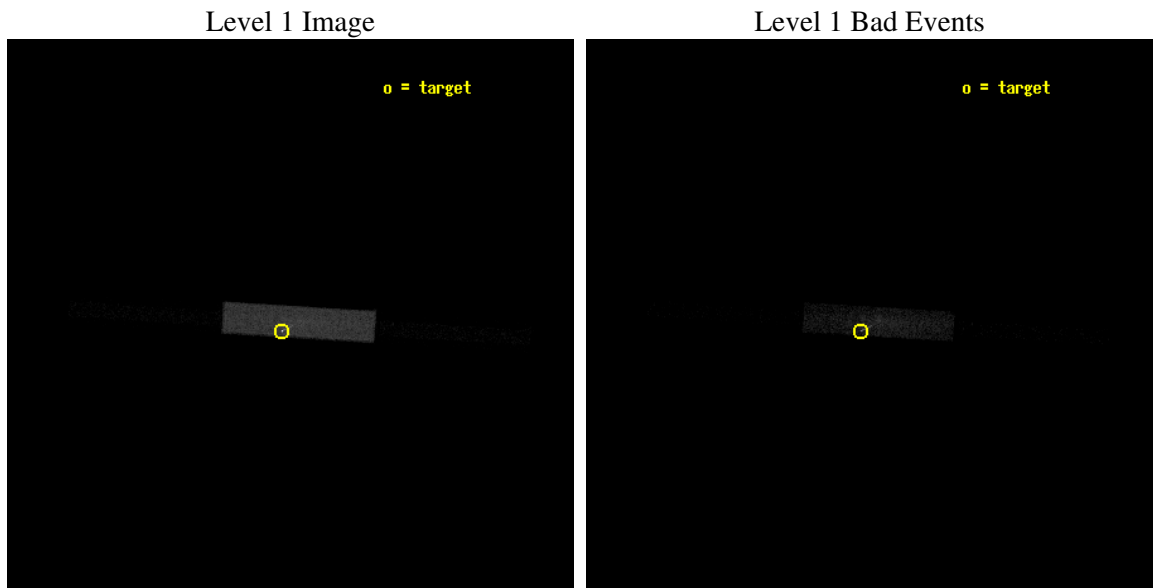
seq_num	290297
obs_id	4337
title	AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.12550903359
dec_nom	45.774719384127
roll_nom	3.4553950424092
revision	2
ontime	1142.1062980592
livetime	1136.4636012678
l2events	36533



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	2006-07-27T20:10:52
revision	2

sched_exp_time	1000.000000
ontime	1186.1812999249
l1events	64755

2.1.3 Events

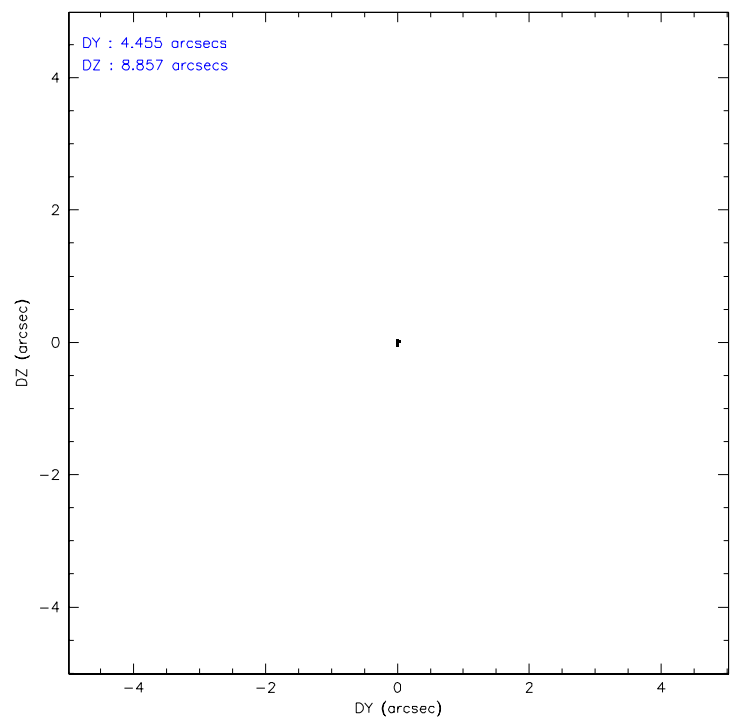
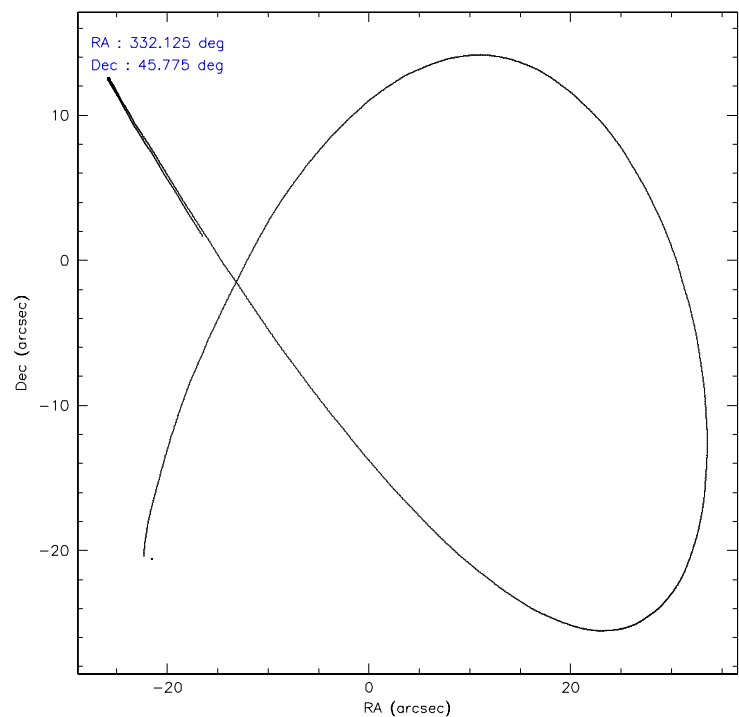
Level 1 Events

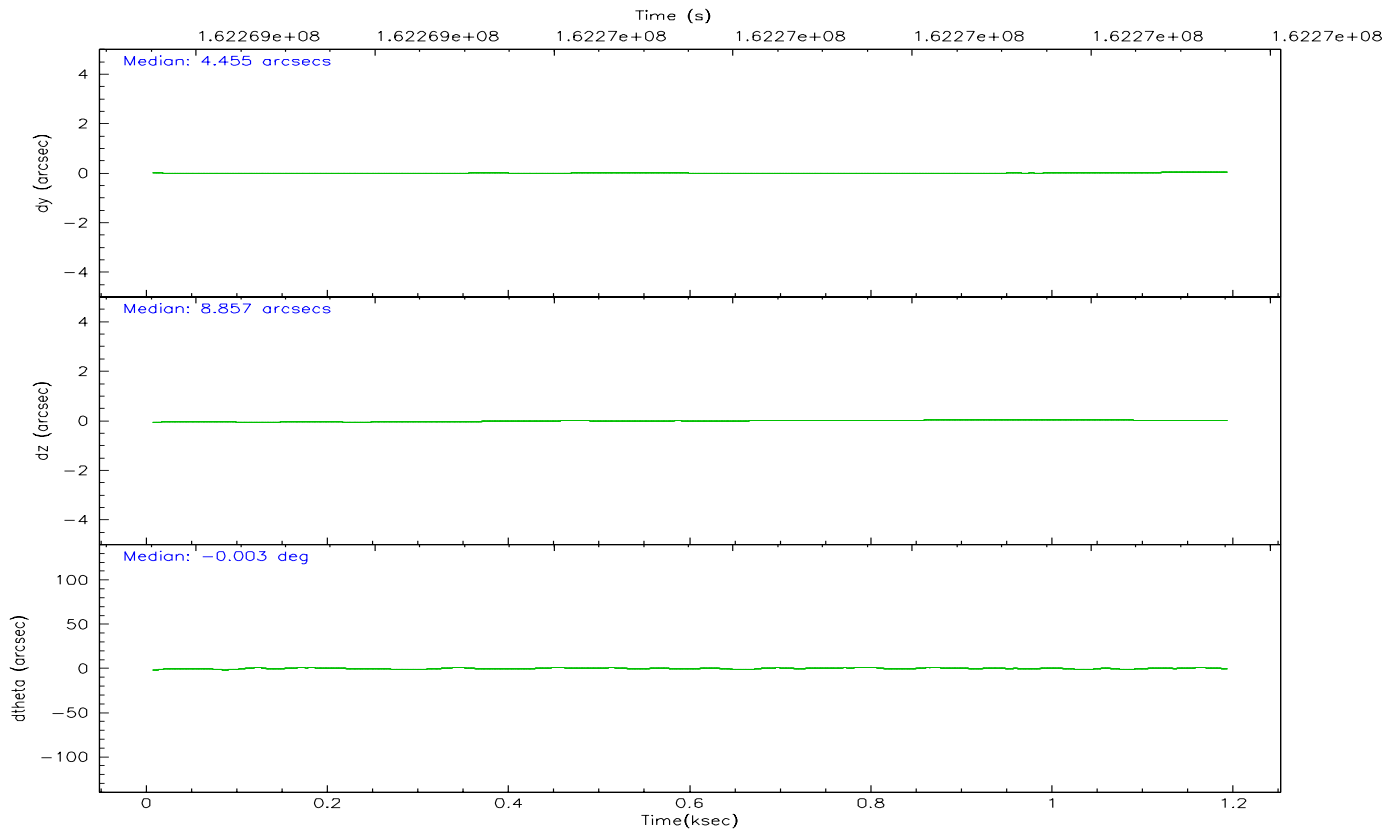
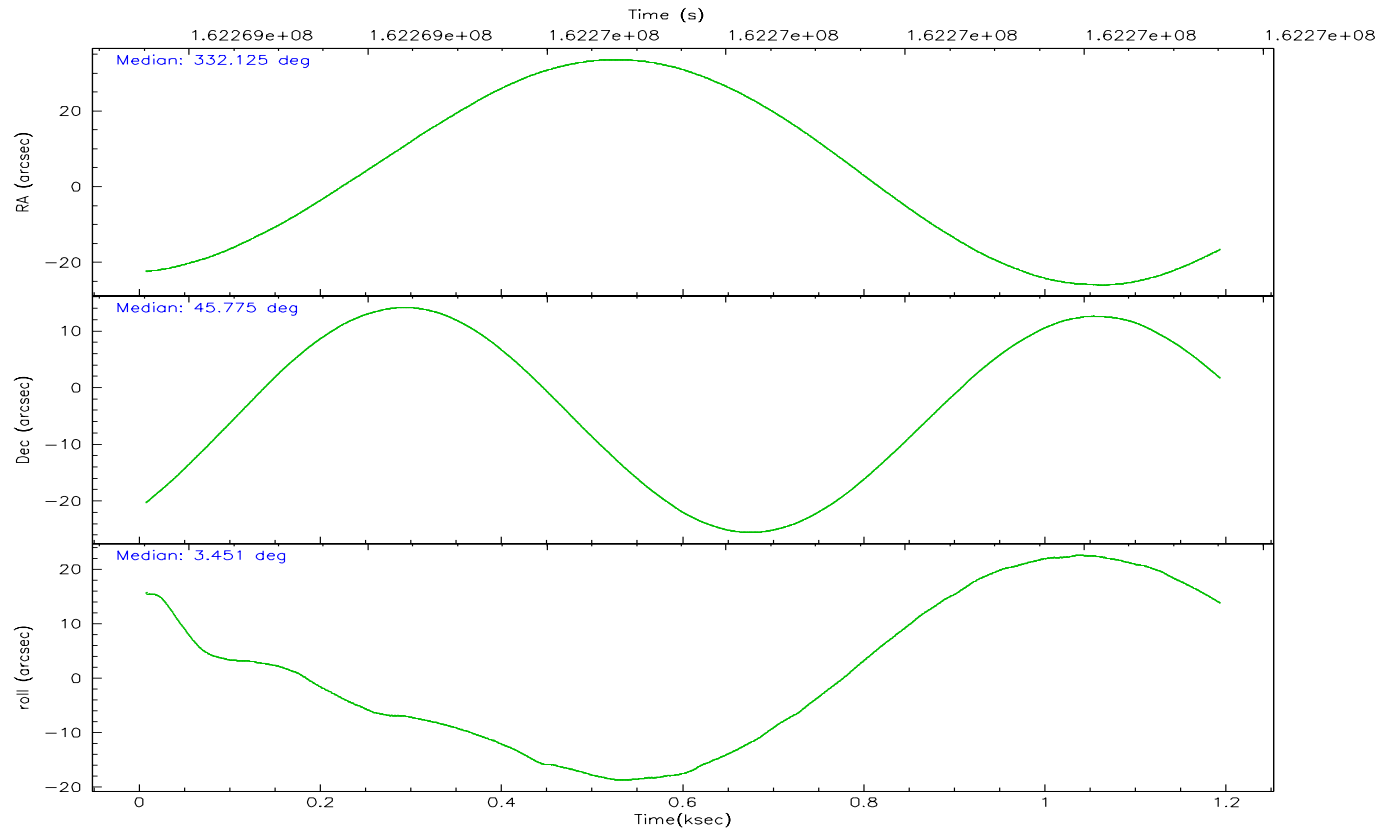
	segment 1	segment 2	segment 3
level 1 events	1141	62599	1015
rejected events	1141	23237	1015
rejected %	100%	37%	100%

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	332.093162	332.1255090335906			
Pointing Dec	45.756833	45.77471938412653			
Pointing Roll	3.411201	3.455395042409203			
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	162269345.184000	162268969.59352			
Observation start date	2003-02-22T02:48:01	2003-02-22T02:42:49			
Observation end time	162270345.184000	162270479.41858			
Observation end date	2003-02-22T03:04:41	2003-02-22T03:07:59			

2.3 Aspect



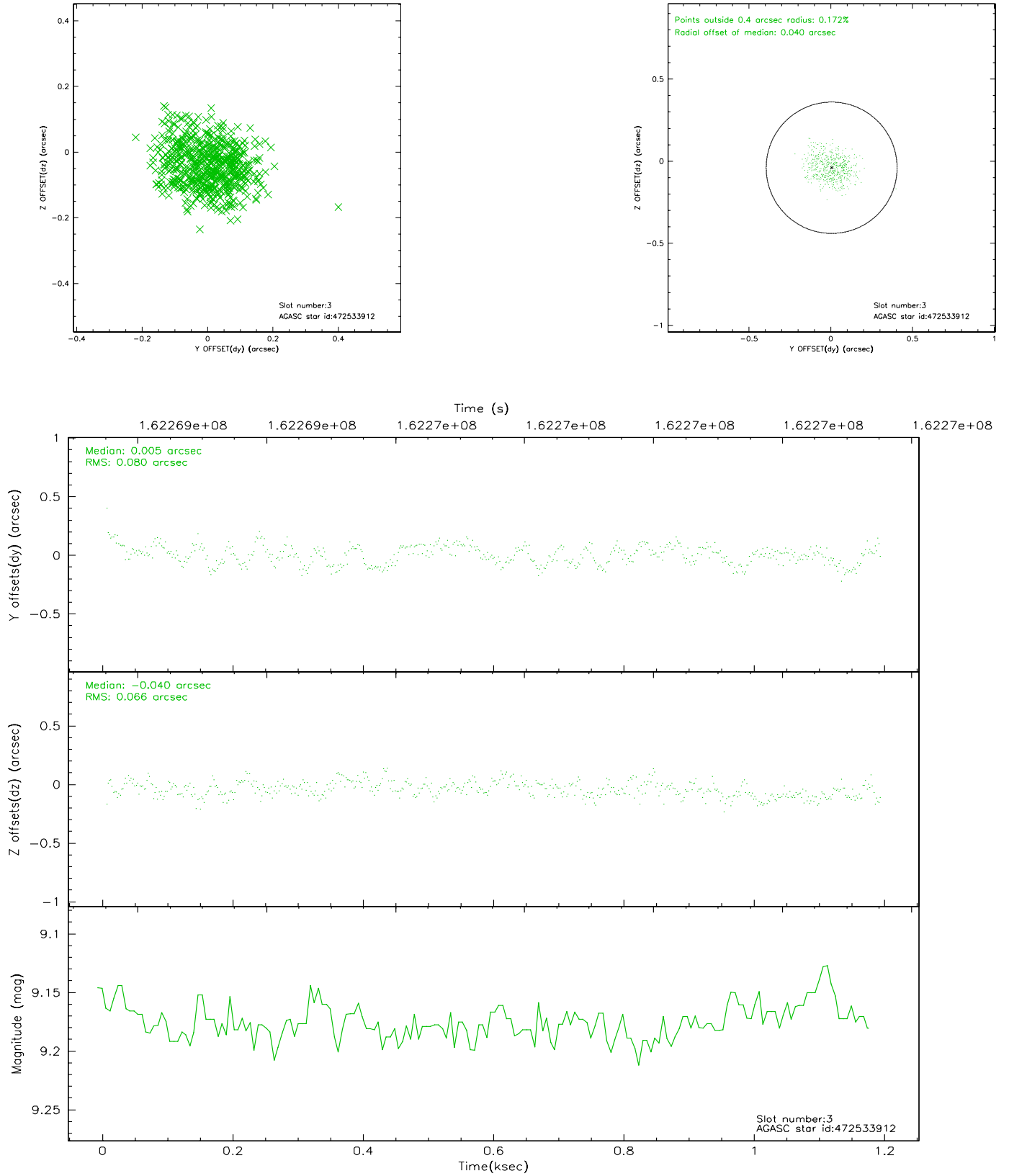


Slot Statistics

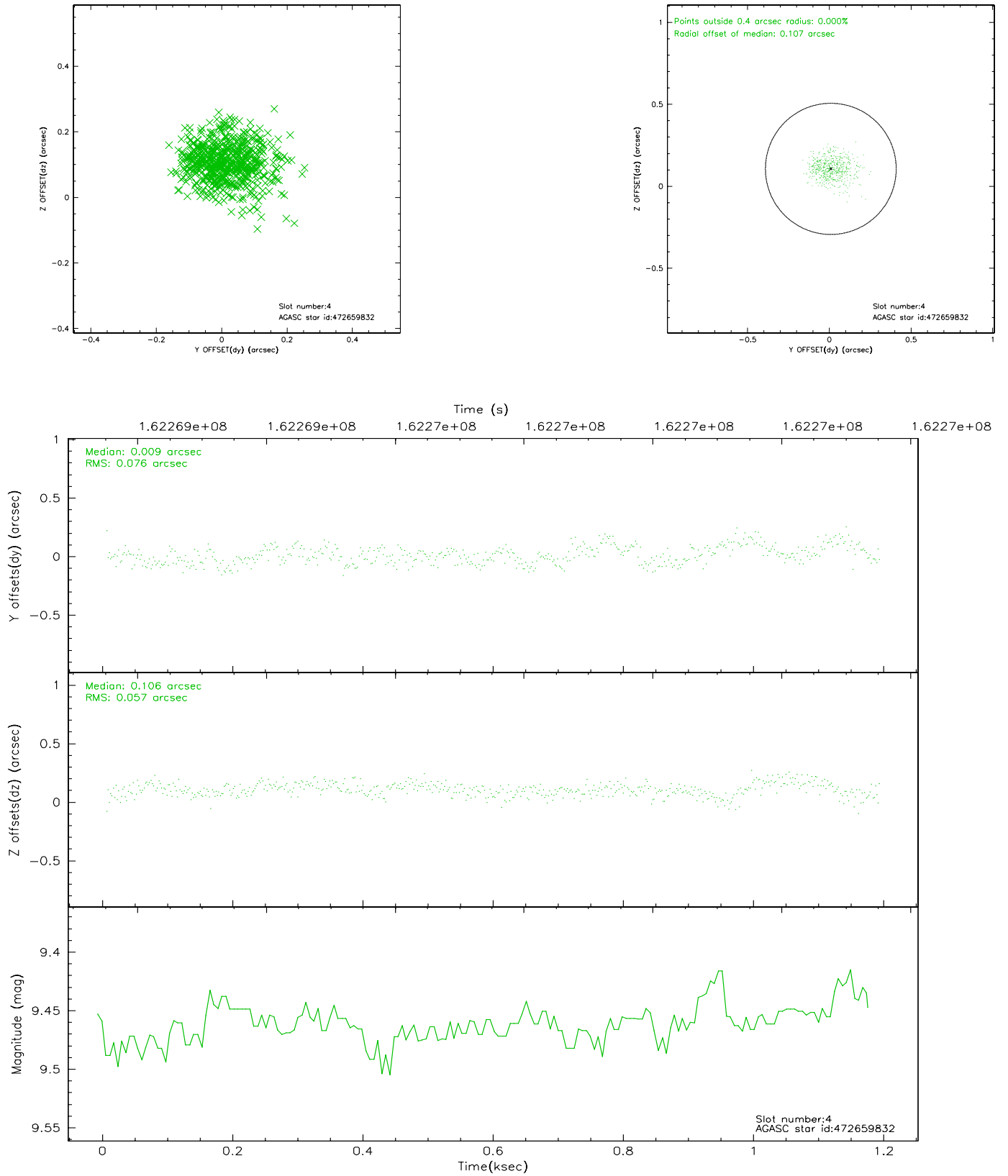
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	290	0.162	-0.161	0.006	0.010	0.000000	0.000000	-1158.51	-457.48
1	FID	HRC-S-2	7.00	290	0.064	-0.086	0.004	0.009	0.000000	0.000000	1237.08	-451.65
2	FID	HRC-S-3	7.03	290	0.165	-0.055	0.006	0.013	0.000000	0.000000	-1156.95	570.59
3	GUIDE	472533912	9.18	580	0.005	-0.040	0.110	0.171	331.791136	46.368695	-616.33	2241.45
4	GUIDE	472659832	9.46	580	0.009	0.106	0.101	0.163	332.780399	46.098139	1786.60	1132.62
5	GUIDE	472527720	6.99	580	-0.079	-0.035	0.068	0.104	331.460205	45.112509	-1738.13	-2215.05
6	GUIDE	472523760	8.24	580	-0.099	-0.052	0.065	0.105	331.645363	45.403260	-1206.81	-1207.43
7	GUIDE	472655152	9.43	570	0.161	0.011	0.094	0.165	332.504239	45.862991	1051.29	317.56

2.4 Star Slots

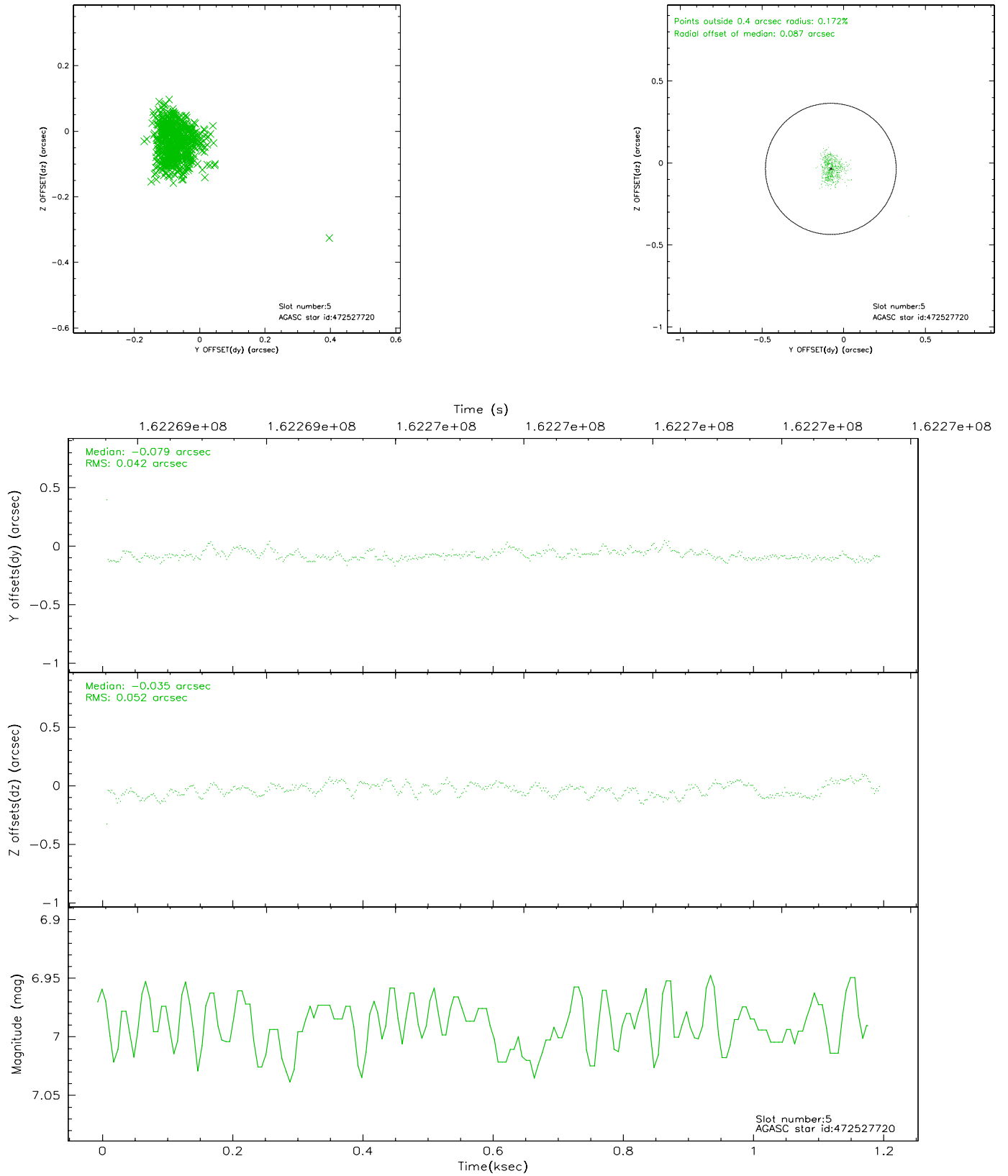
2.4.1 Slot 3



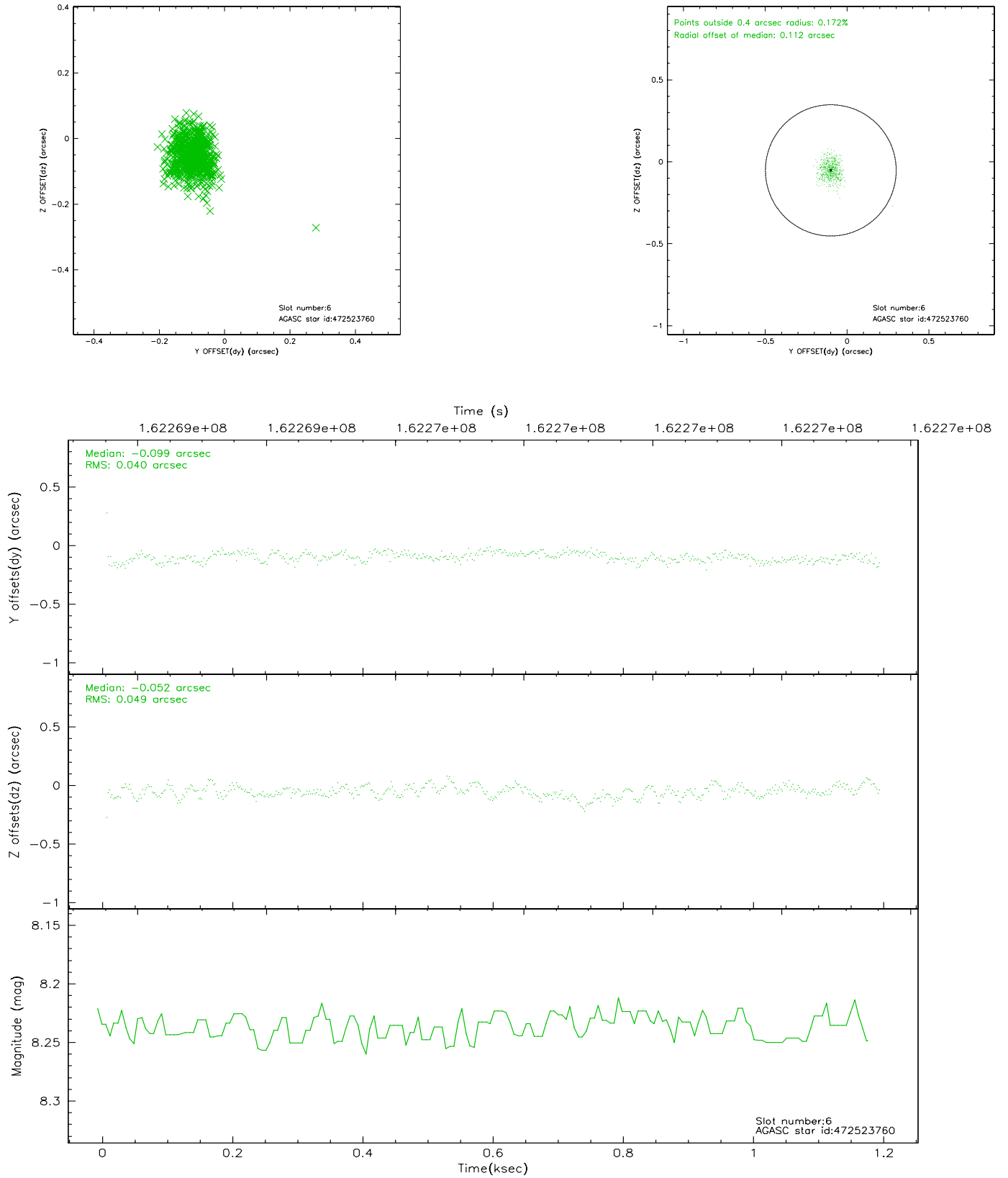
2.4.2 Slot 4



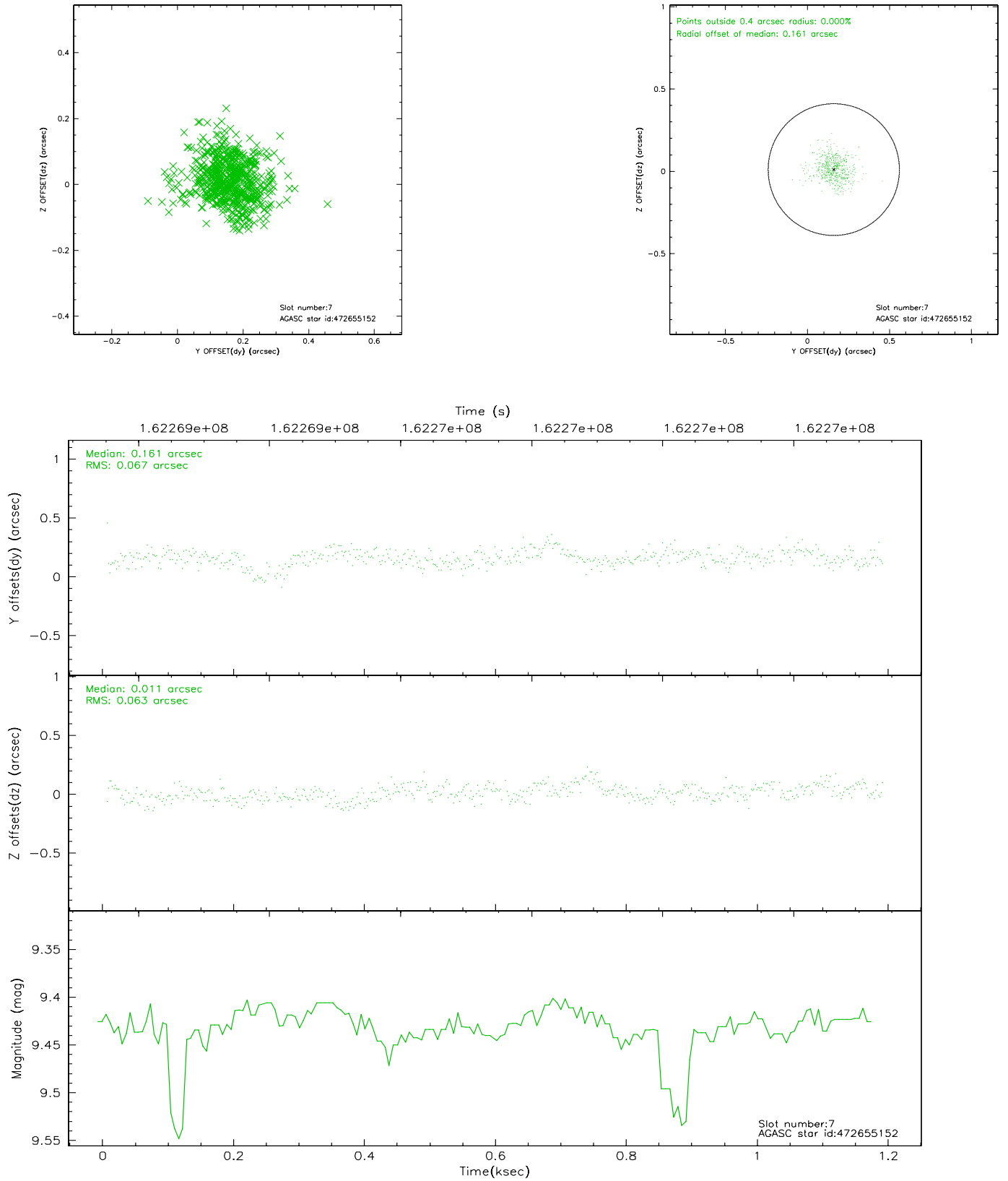
2.4.3 Slot 5



2.4.4 Slot 6

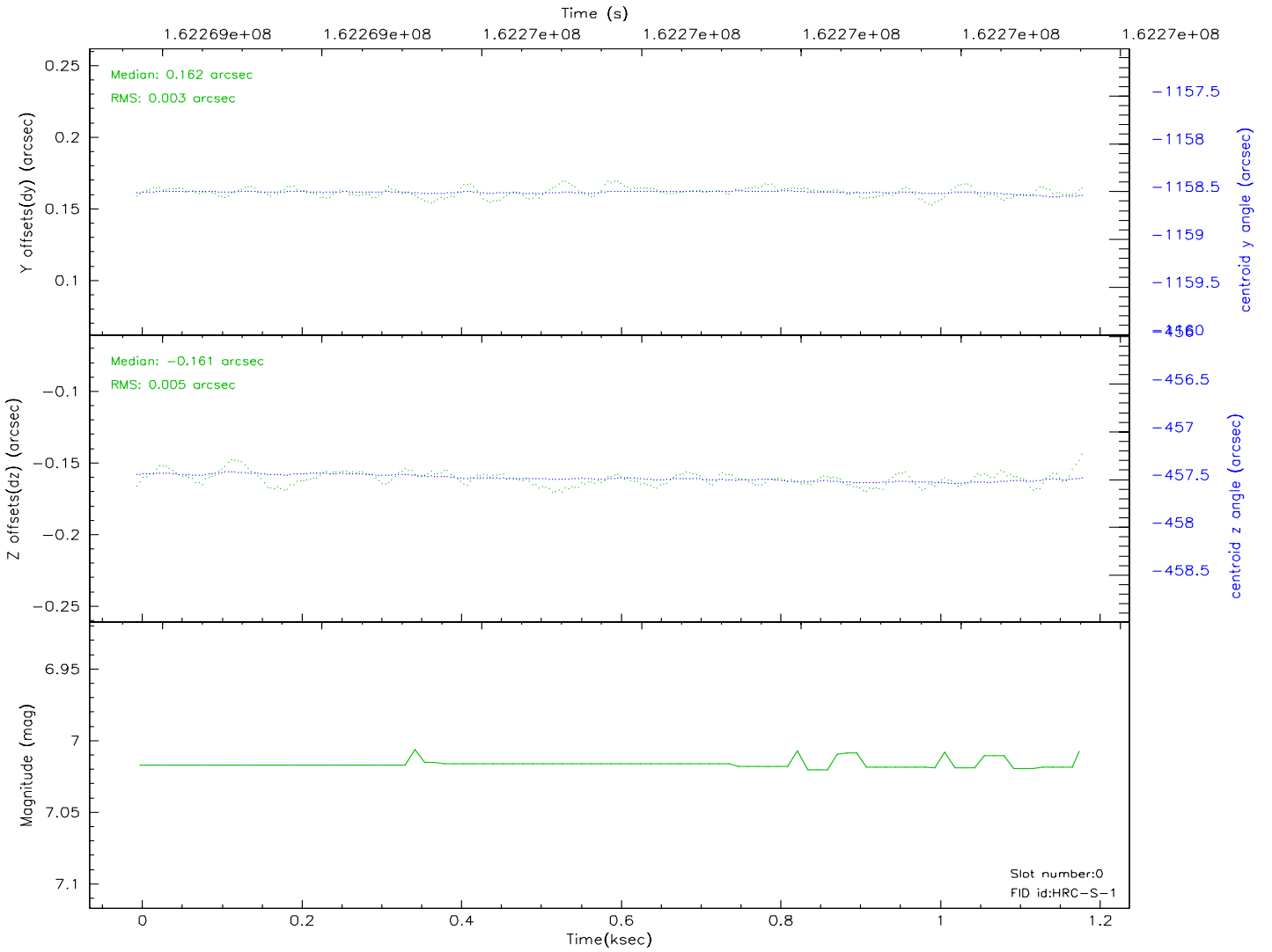
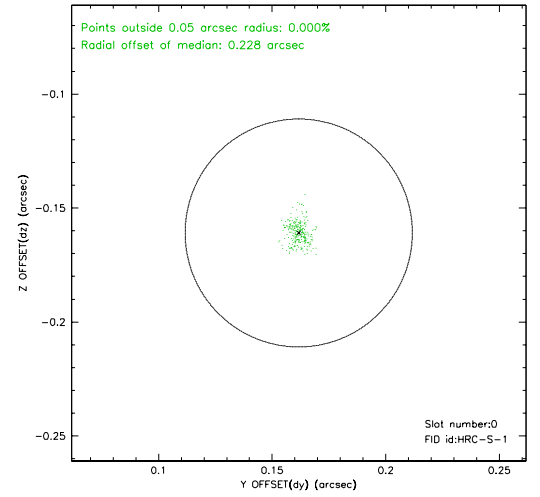
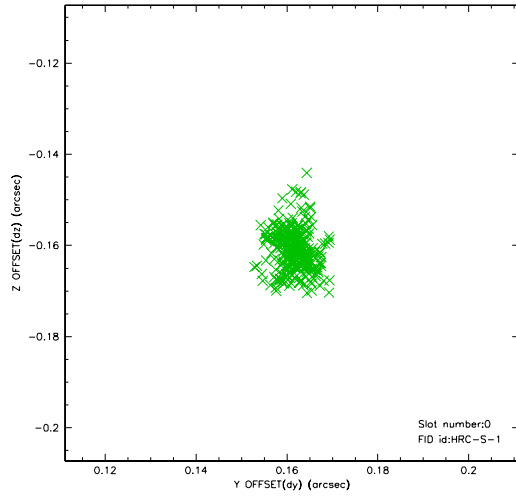


2.4.5 Slot 7

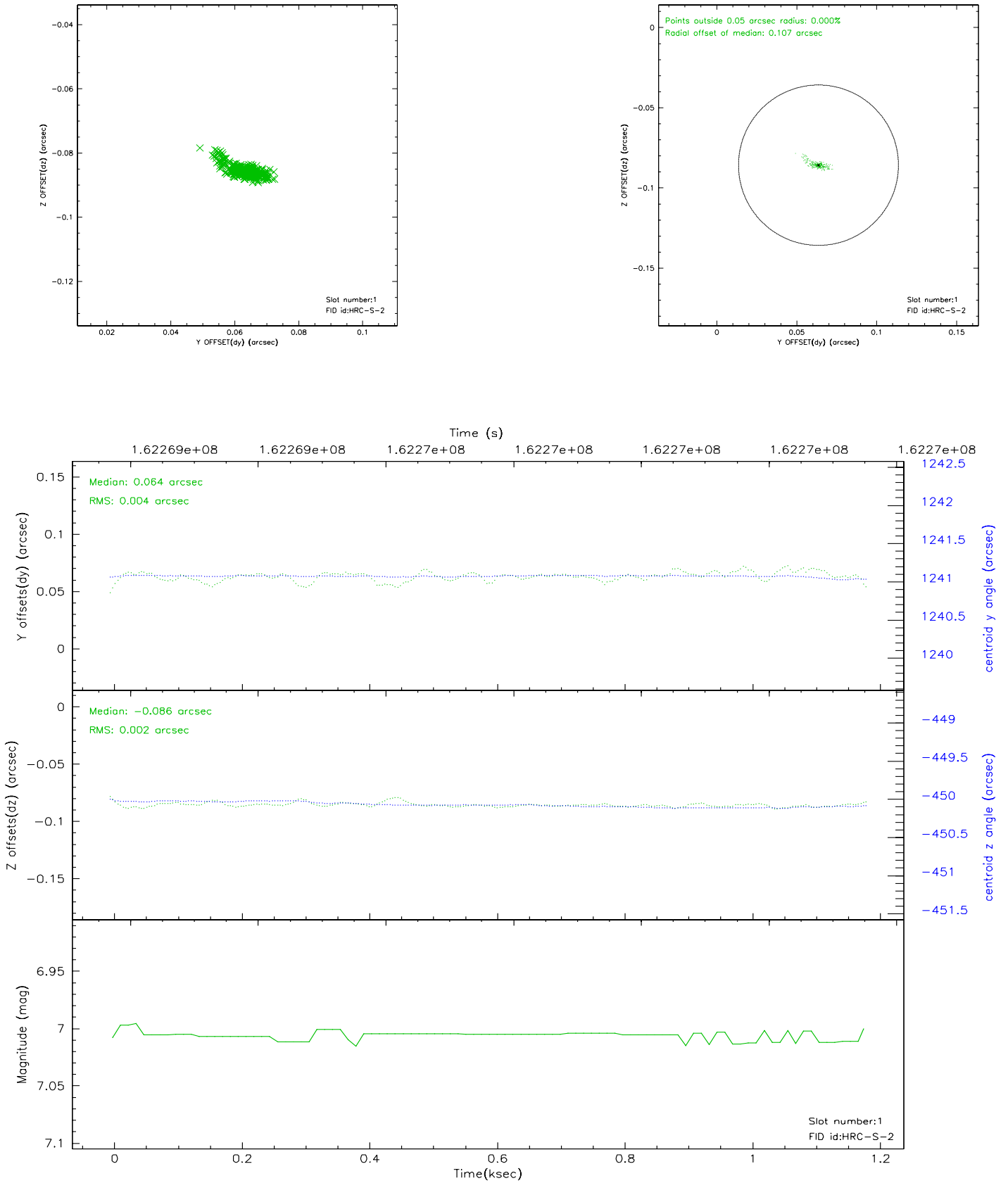


2.5 FID Slots

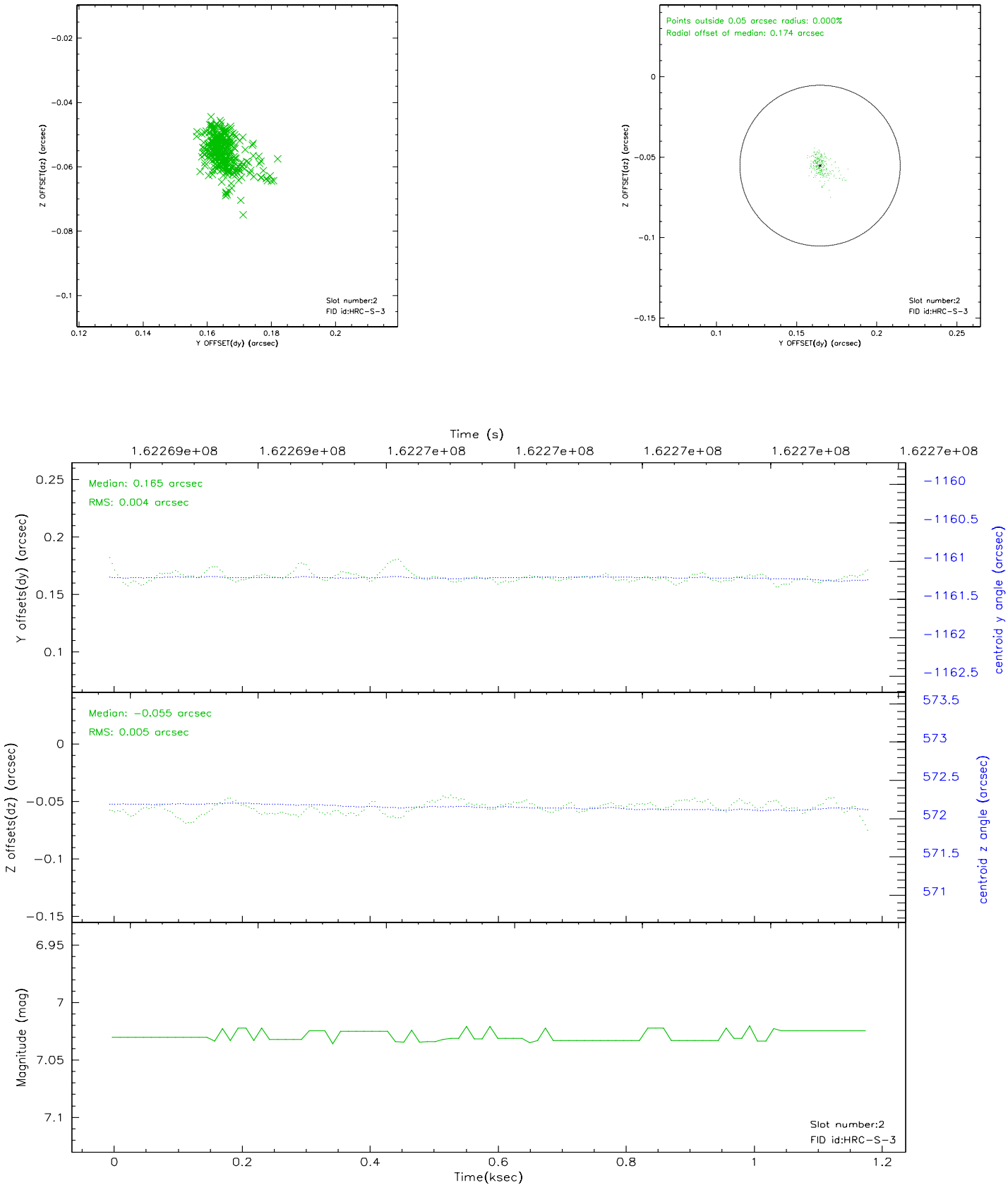
2.5.1 Slot 0



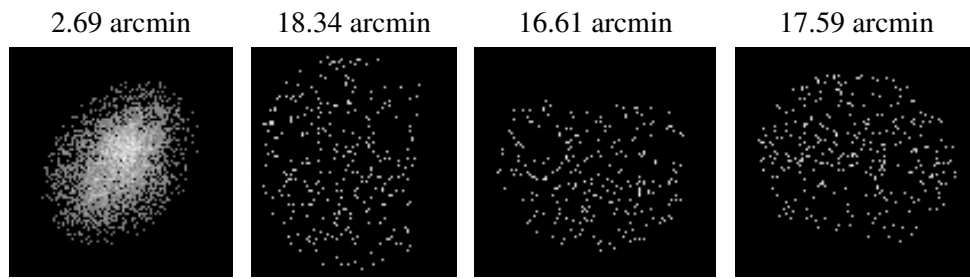
2.5.2 Slot 1



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, preceeds obs4345