

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5091 - L2 Version 001
Chandra X-Ray Center

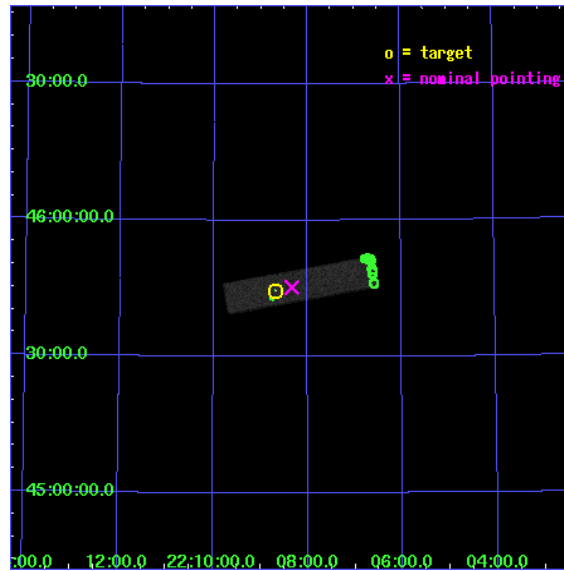
L2 Processing Date : Jun 4 2006

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1 Front

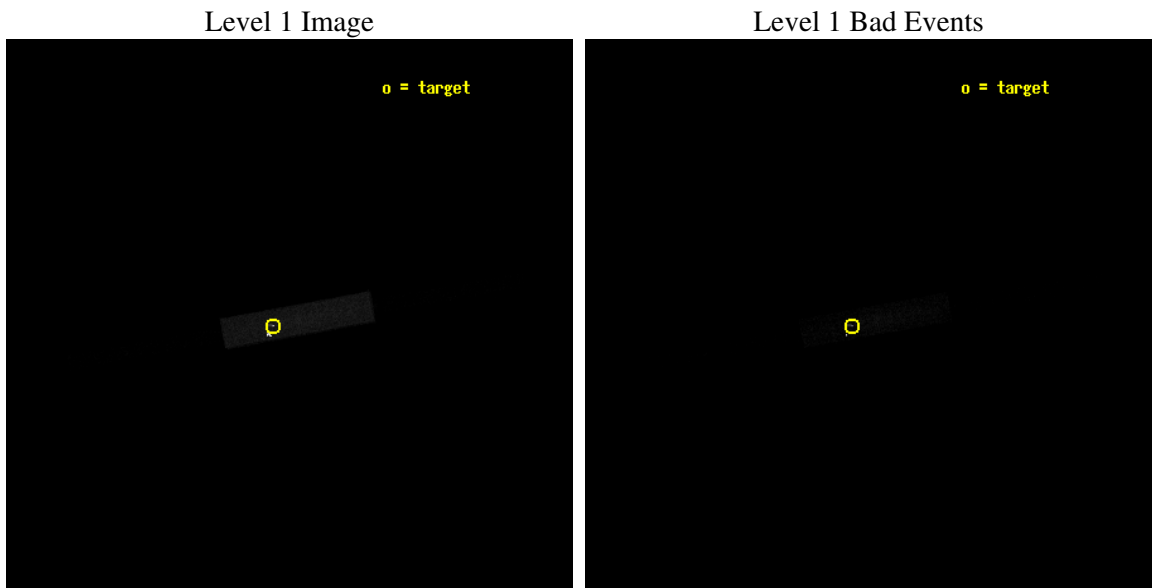
seq_num	290364
obs_id	5091
title	AO5A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.08318209435
dec_nom	45.754451216222
roll_nom	349.68580534889
revision	2
ontime	1087.7812975347
livetime	1072.3647826157
l2events	39778



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-04T17:11:09
revision	2

sched_exp_time	946.000000
ontime	1133.6500495374
l1events	141796

2.1.3 Events

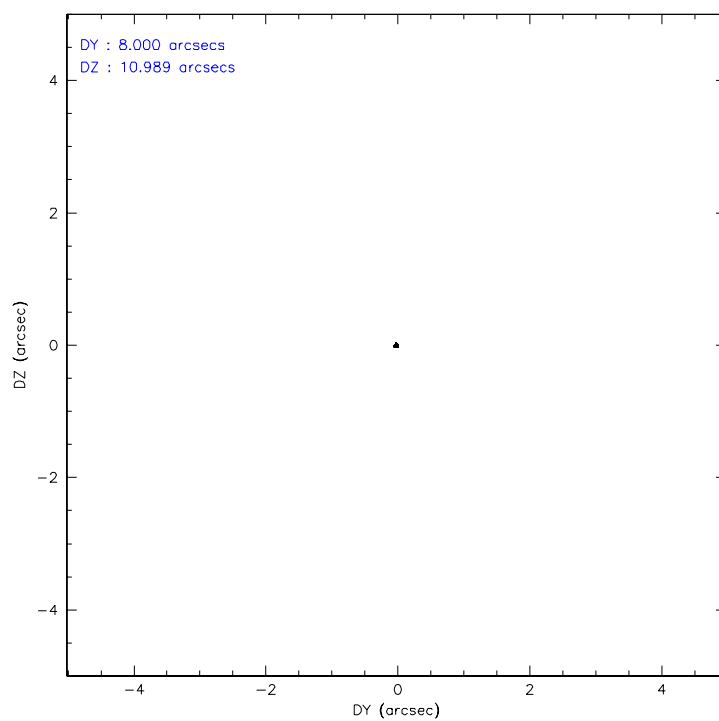
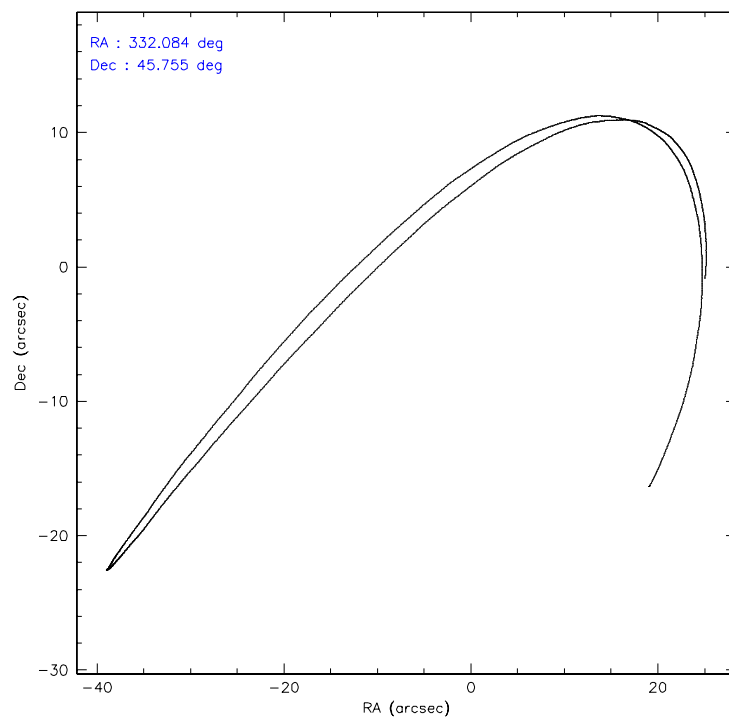
Level 1 Events

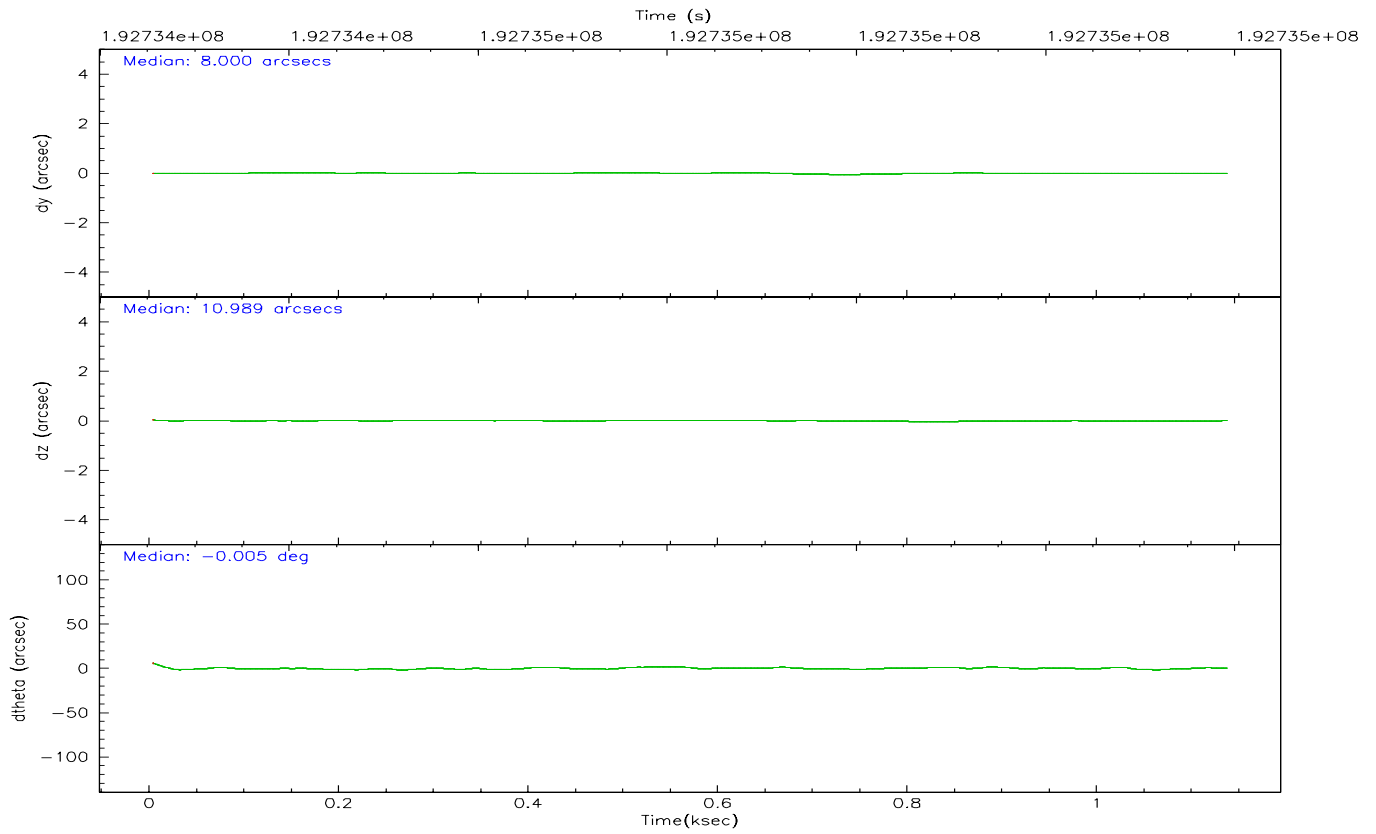
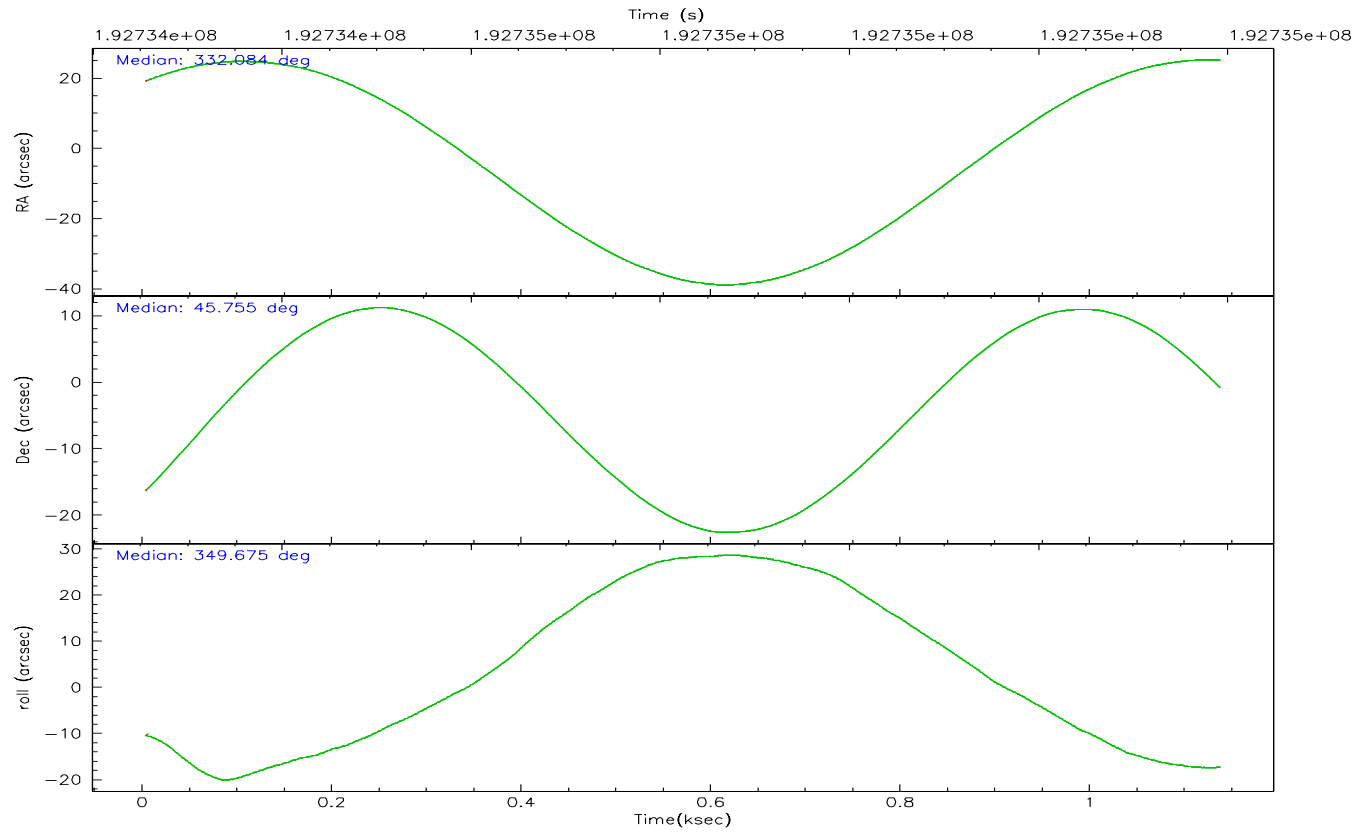
	segment 1	segment 2	segment 3
level 1 events	1102	139552	1142
rejected events	1102	35948	1142
rejected %	100%	25%	100%

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	332.044744	332.0831820943491			
Pointing Dec	45.742425	45.75445121622233			
Pointing Roll	349.646032	349.6858053488855			
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	192734449.184000	192734073.17264			
Observation start date	2004-02-09T17:19:45	2004-02-09T17:14:33			
Observation end time	192735395.184000	192735528.6727			
Observation end date	2004-02-09T17:35:31	2004-02-09T17:38:48			

2.3 Aspect



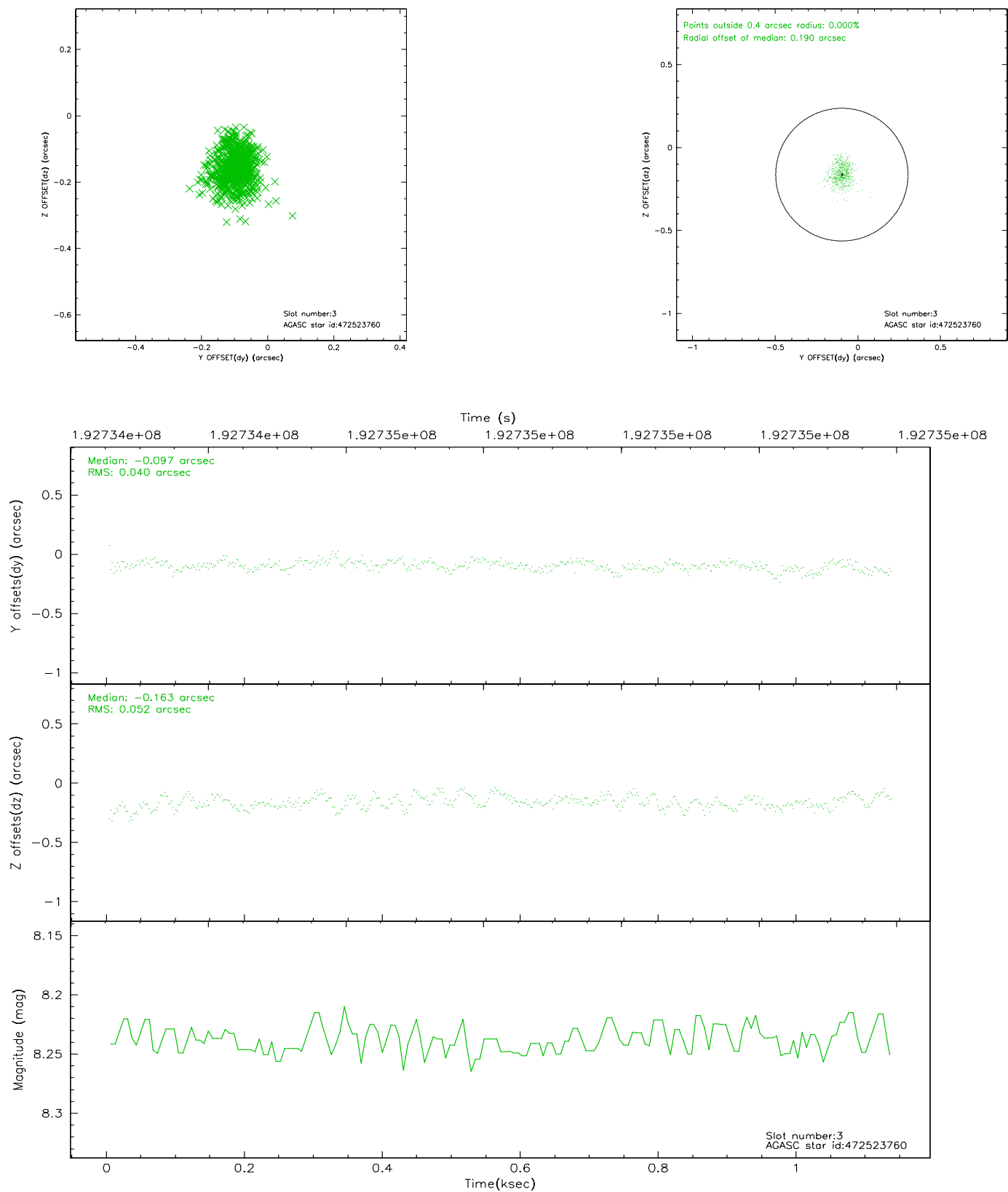


Slot Statistics

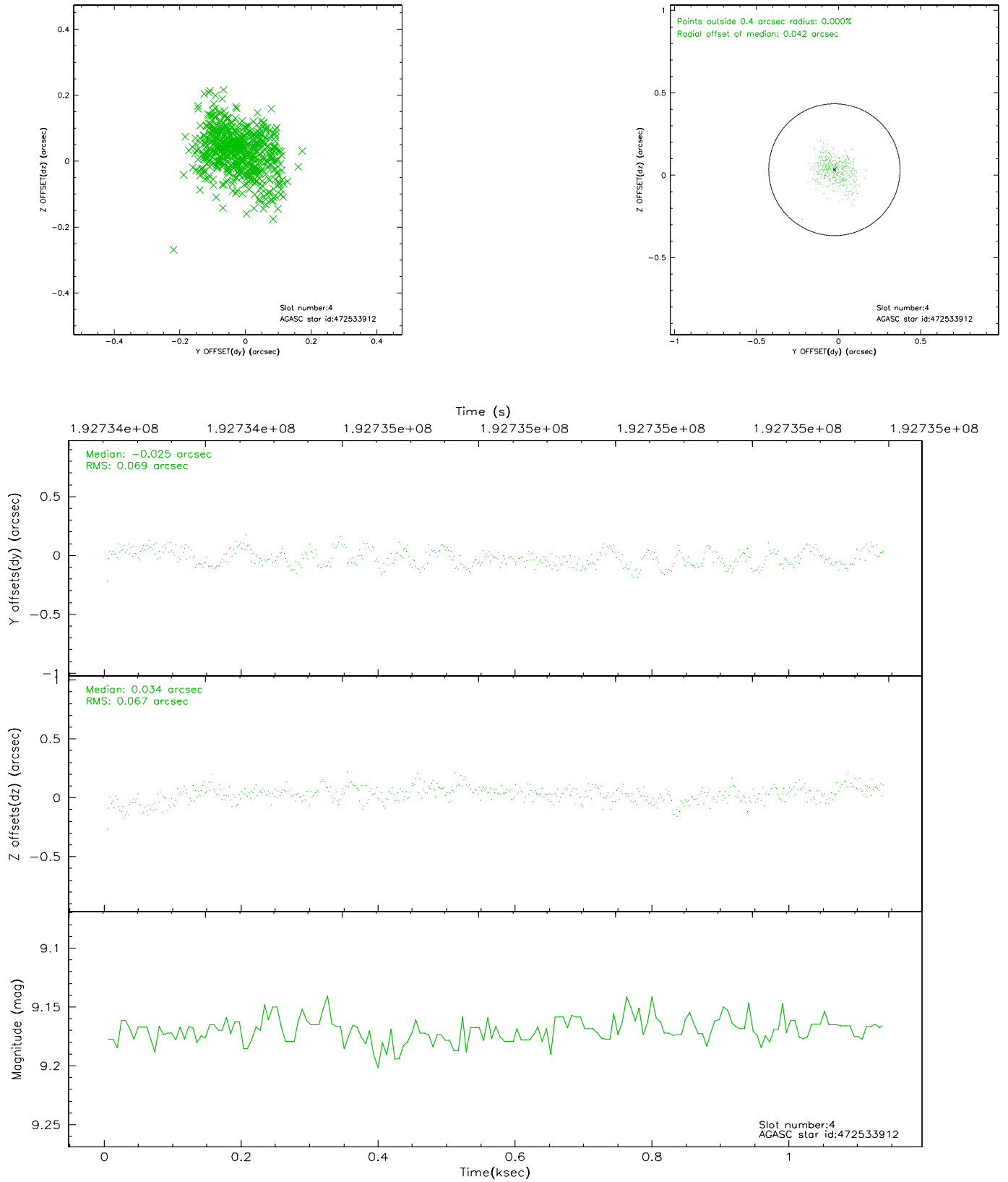
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	277	0.111	-0.130	0.004	0.007	0.000000	0.000000	-1162.17	-459.70
1	FID	HRC-S-2	7.02	277	0.092	-0.148	0.008	0.015	0.000000	0.000000	1233.29	-453.97
2	FID	HRC-S-4	7.00	277	0.200	-0.025	0.007	0.015	0.000000	0.000000	1240.61	570.91
3	GUIDE	472523760	8.24	554	-0.097	-0.163	0.071	0.111	331.645363	45.403260	-774.47	-1384.29
4	GUIDE	472533912	9.17	554	-0.025	0.034	0.102	0.173	331.791136	46.368695	-1027.47	2099.10
5	GUIDE	472654568	9.42	554	-0.032	-0.041	0.107	0.191	332.194449	45.063576	811.67	-2335.29
6	GUIDE	472659832	9.46	554	0.021	0.111	0.096	0.159	332.780399	46.098139	1575.55	1590.42
7	GUIDE	472655152	9.43	551	0.139	0.045	0.092	0.151	332.504239	45.862991	1057.00	636.50

2.4 Star Slots

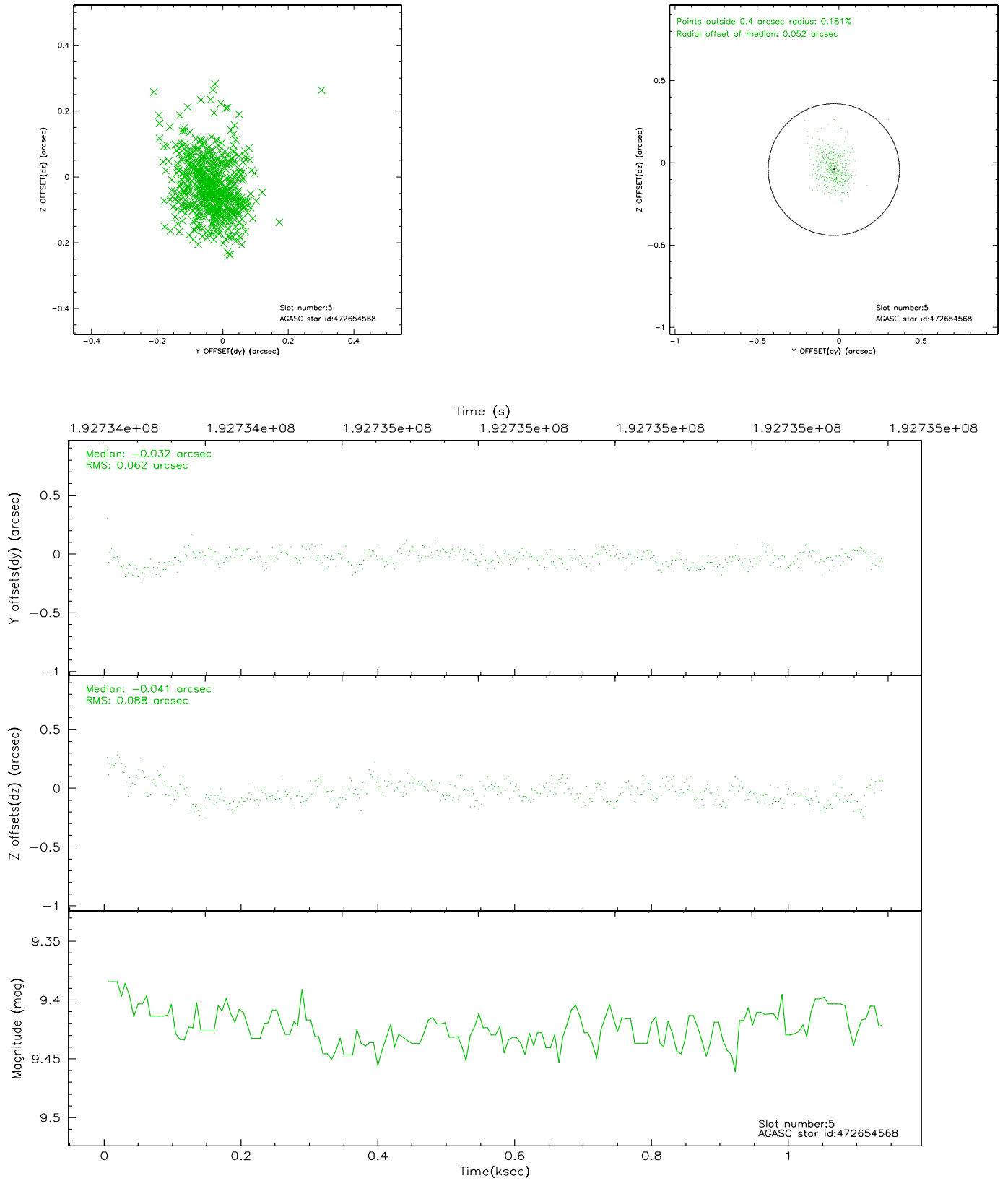
2.4.1 Slot 3



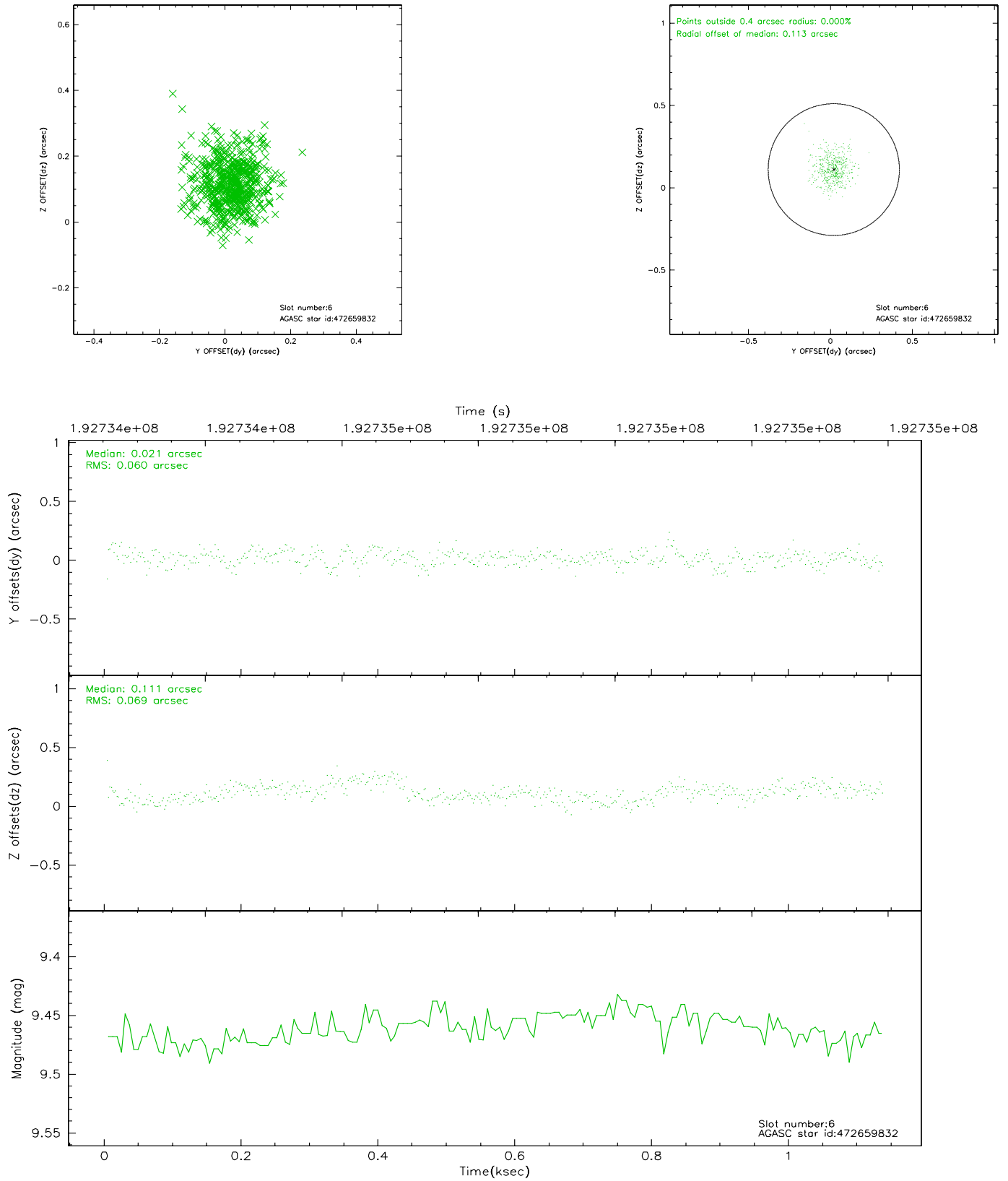
2.4.2 Slot 4



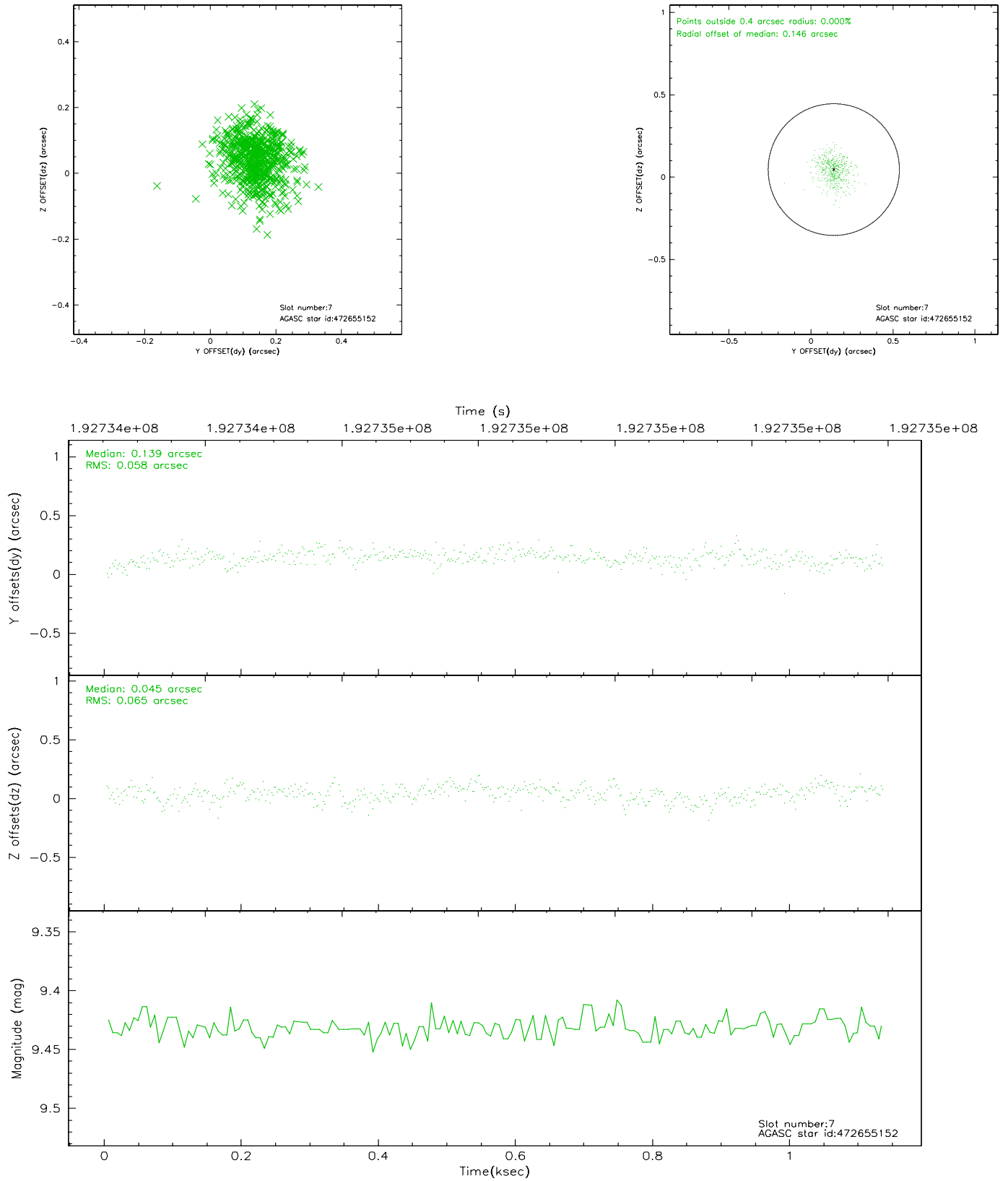
2.4.3 Slot 5



2.4.4 Slot 6

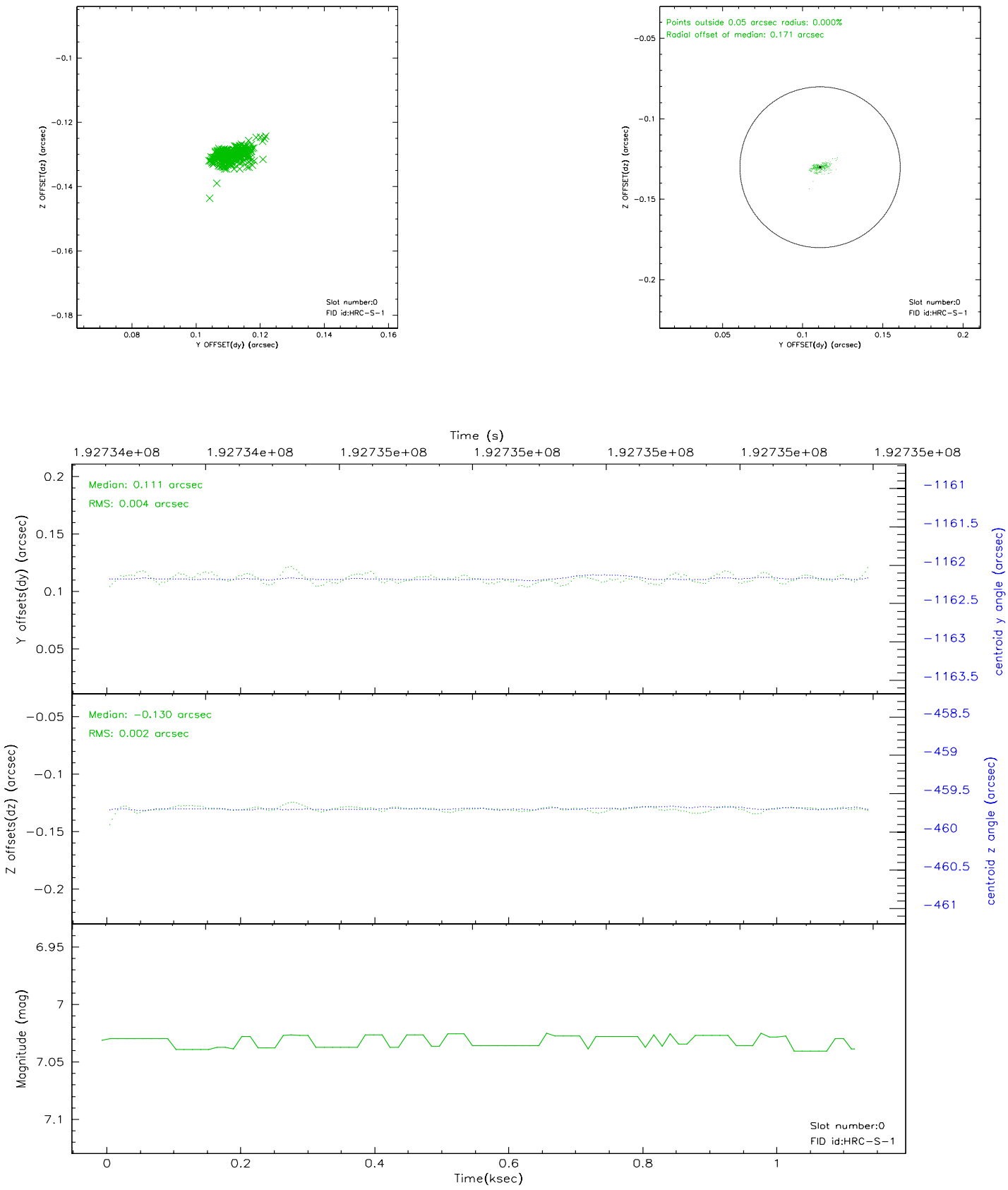


2.4.5 Slot 7

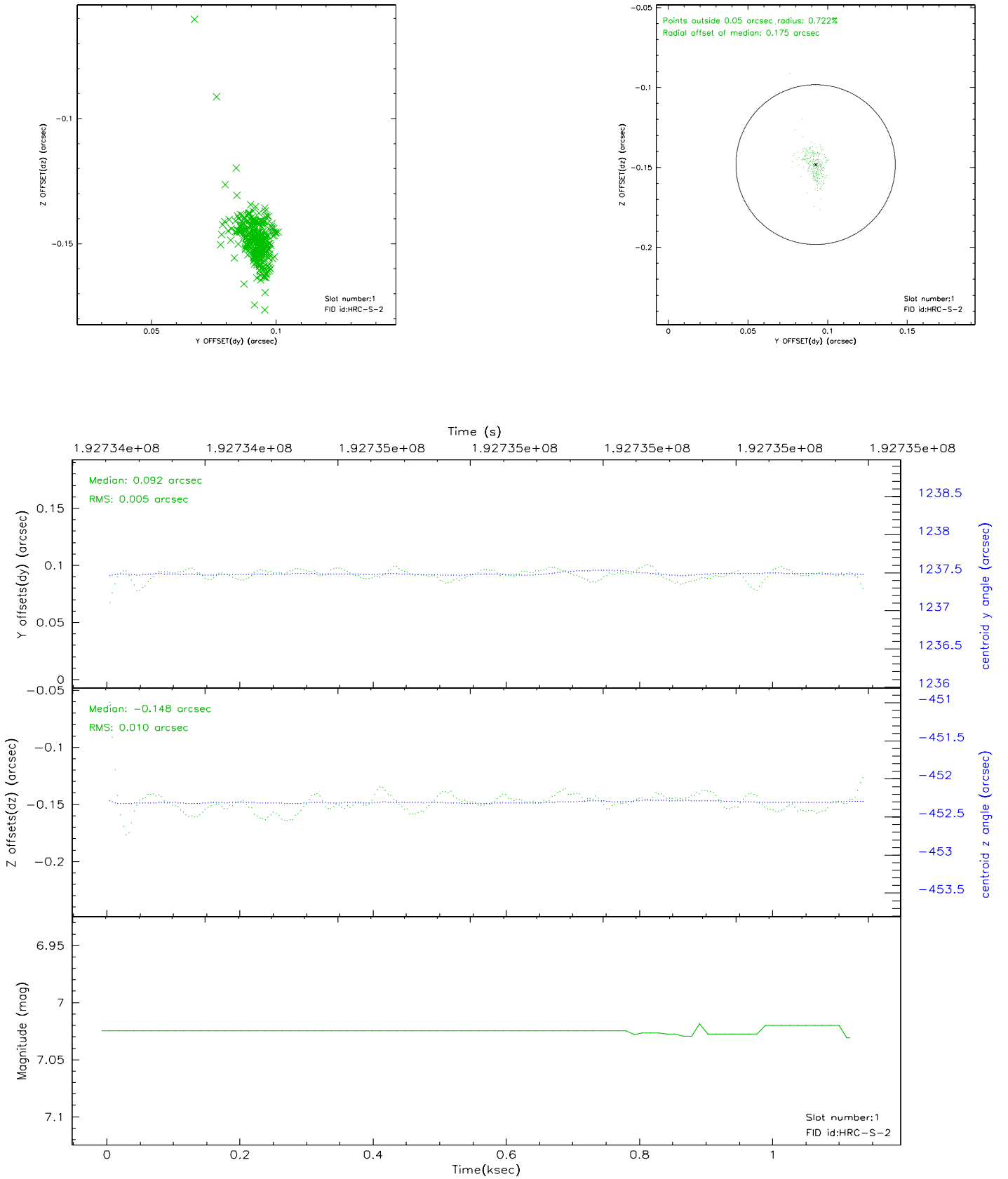


2.5 FID Slots

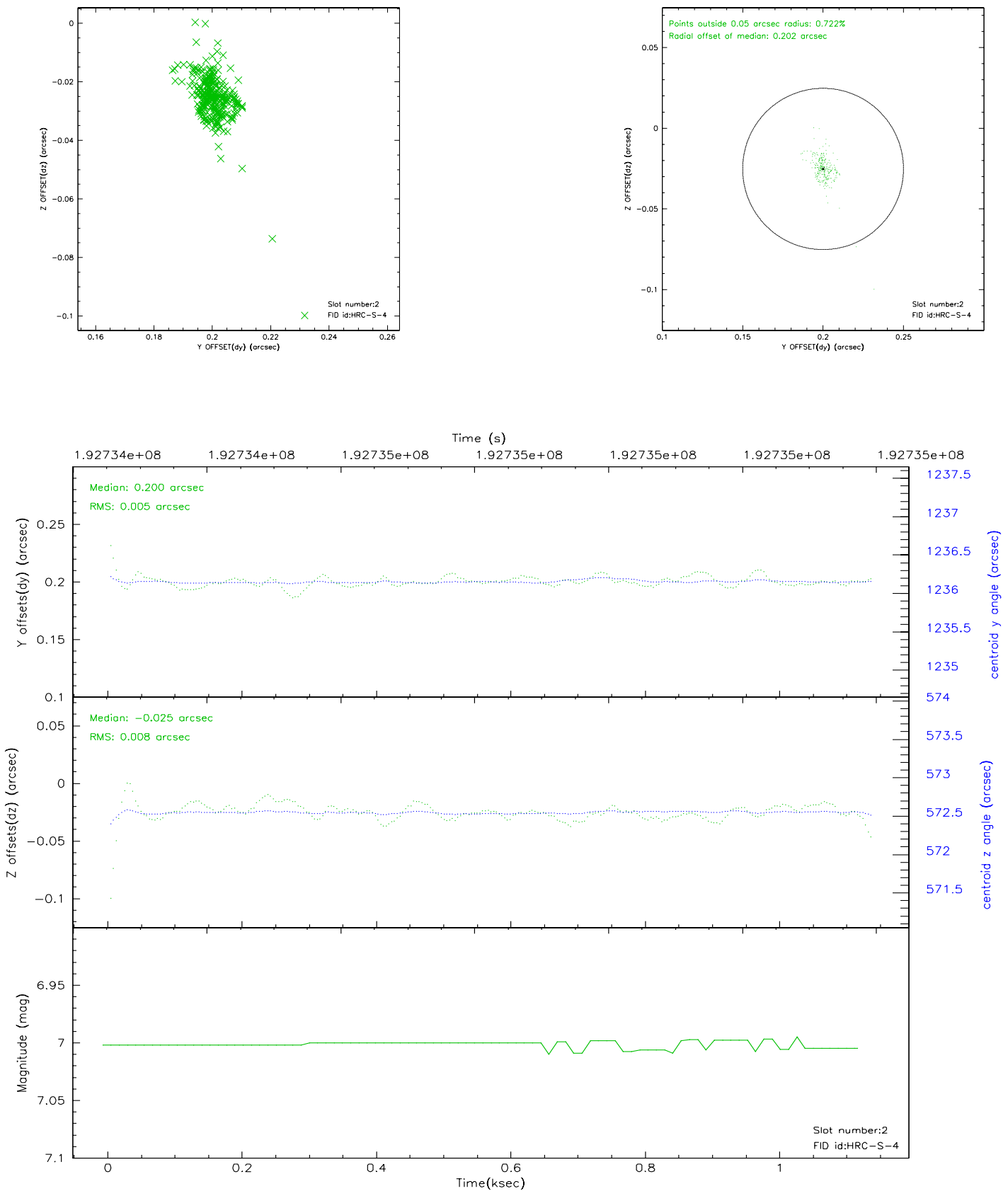
2.5.1 Slot 0



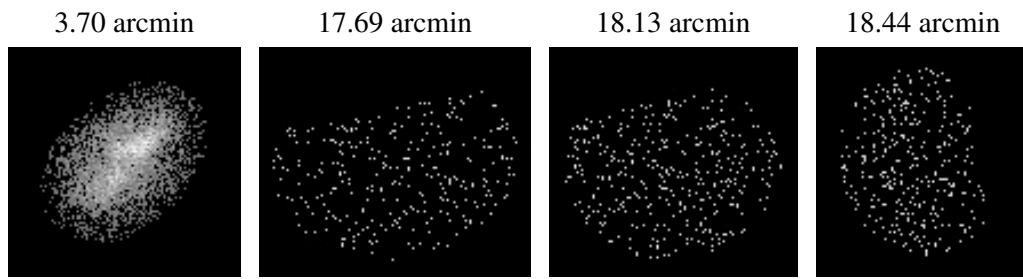
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.087

A.2 Comments