

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2351 - L2 Version 5
Chandra X-Ray Center

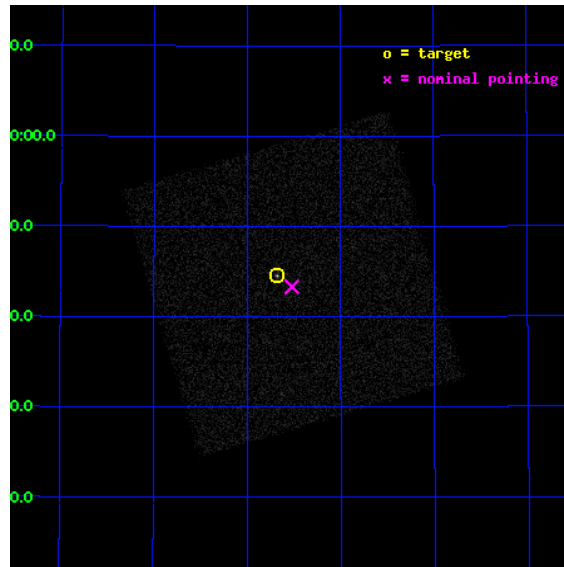
L2 Processing Date : Sep 4 2012

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1 Front

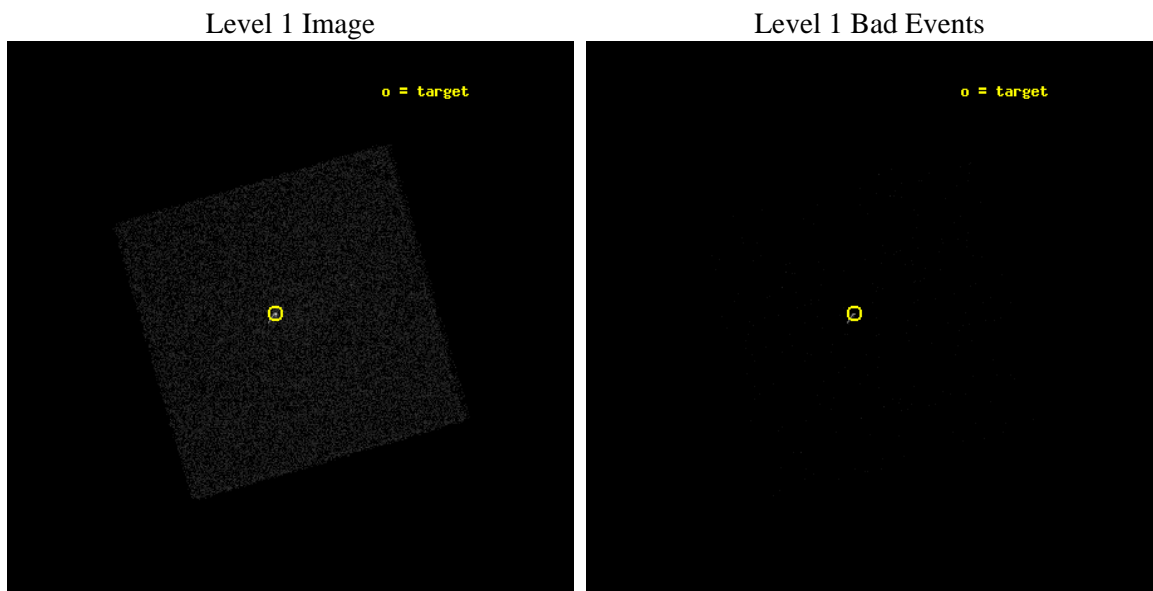
seq_num	290098	Sequence number
obs_id	2351	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC,HRC-I,AO2A	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.13051340767	Nominal RA [deg]
dec_nom	45.722100412198	Nominal Dec [deg]
roll_nom	298.69851262472	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1194.381295681	[s]
livetime	1188.5014389818	Ontime multiplied by DTCOR
l2events	34108	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1194.381295681	[s]
caldbver	4.5.1.1	 	l1events	60693	Number of level 1 events
date	2012-09-04T06:09:36	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

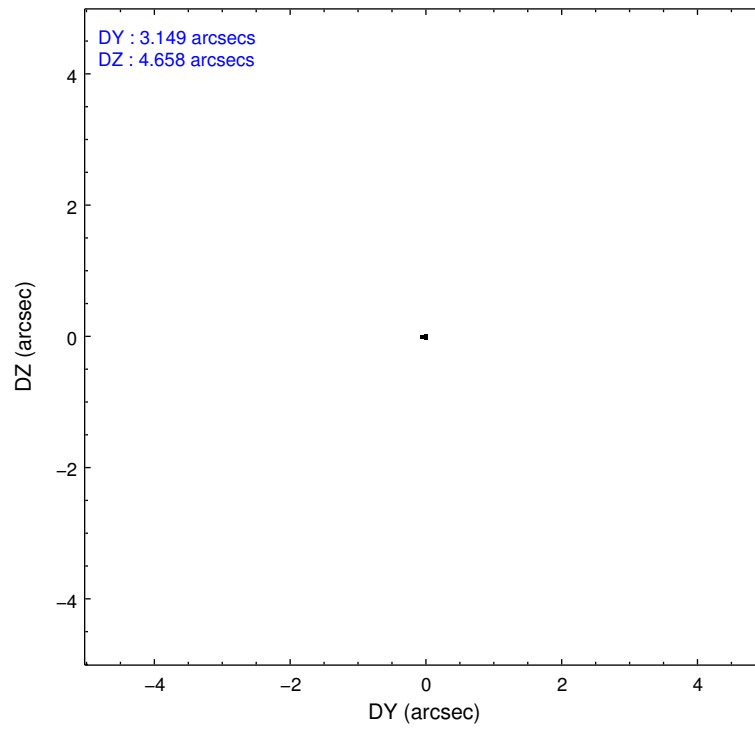
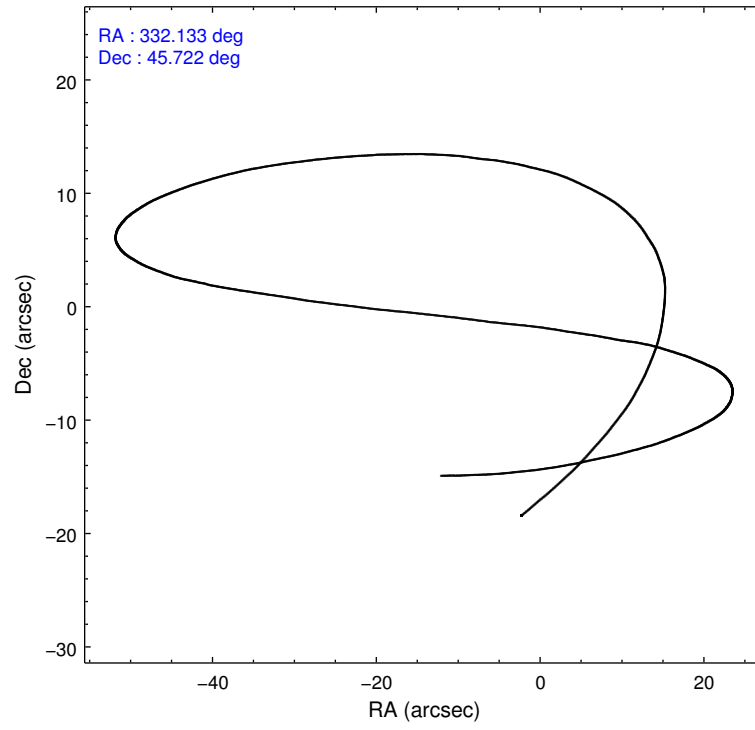
	segment 0
level 1 events	60693
rejected events	12919
rejected %	21%

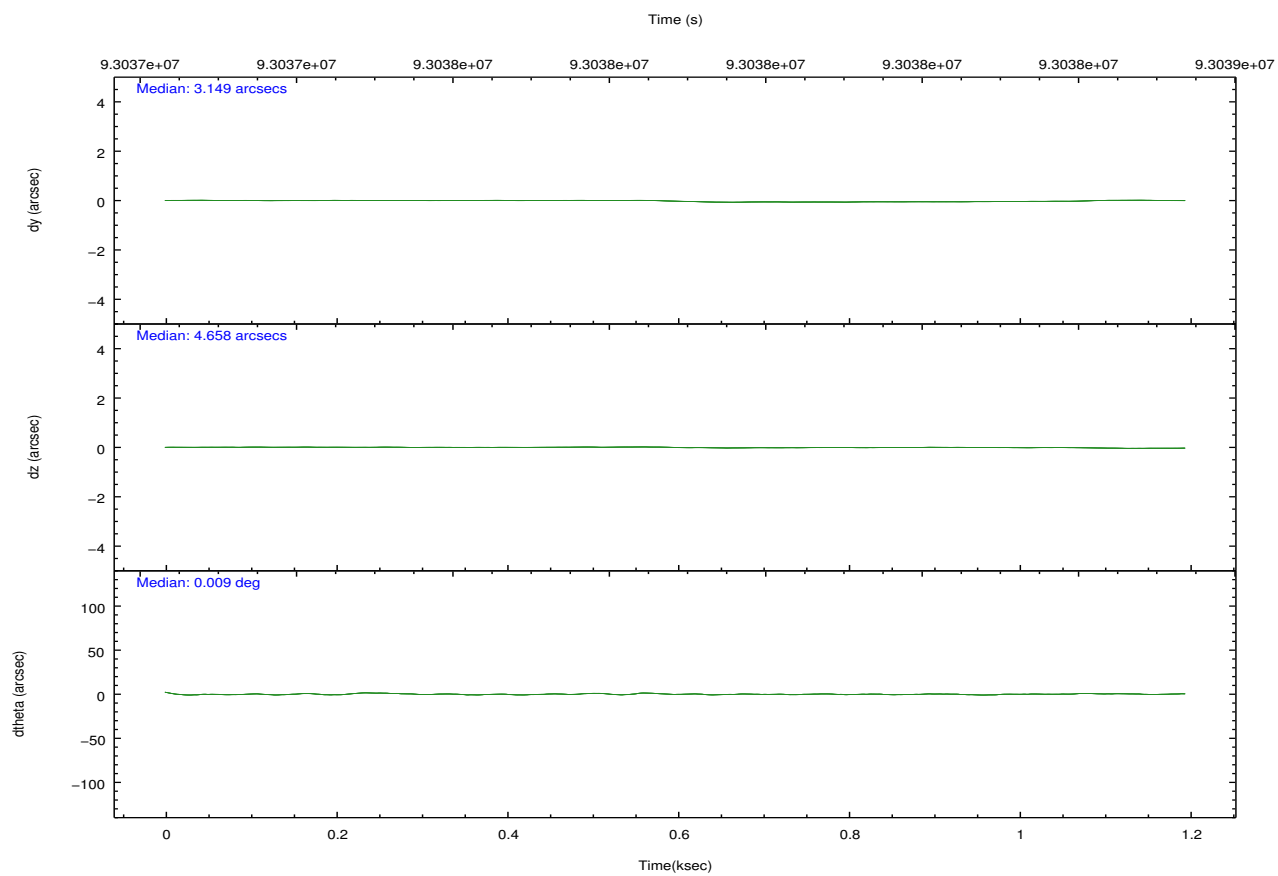
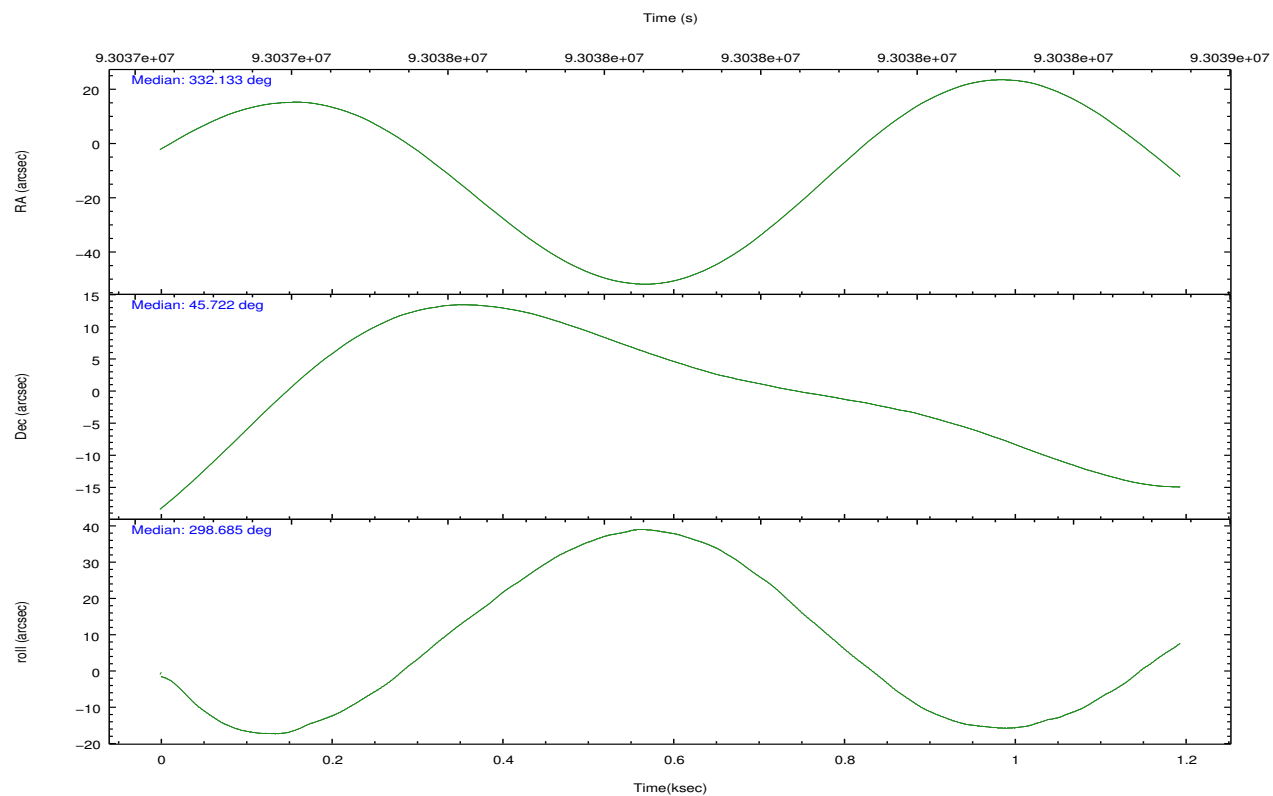
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.095130	332.1305134076748
[deg] Pointing Dec	45.735650	45.72210041219799
[deg] Pointing Roll	298.819319	298.6985126247183
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	93037481.184000	93037104.812858
Observation start date	2000-12-12T19:43:37	2000-12-12T19:38:24
[s] Observation end time (MET)	93038481.184000	93038614.637915
Observation end date	2000-12-12T20:00:17	2000-12-12T20:03:34

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



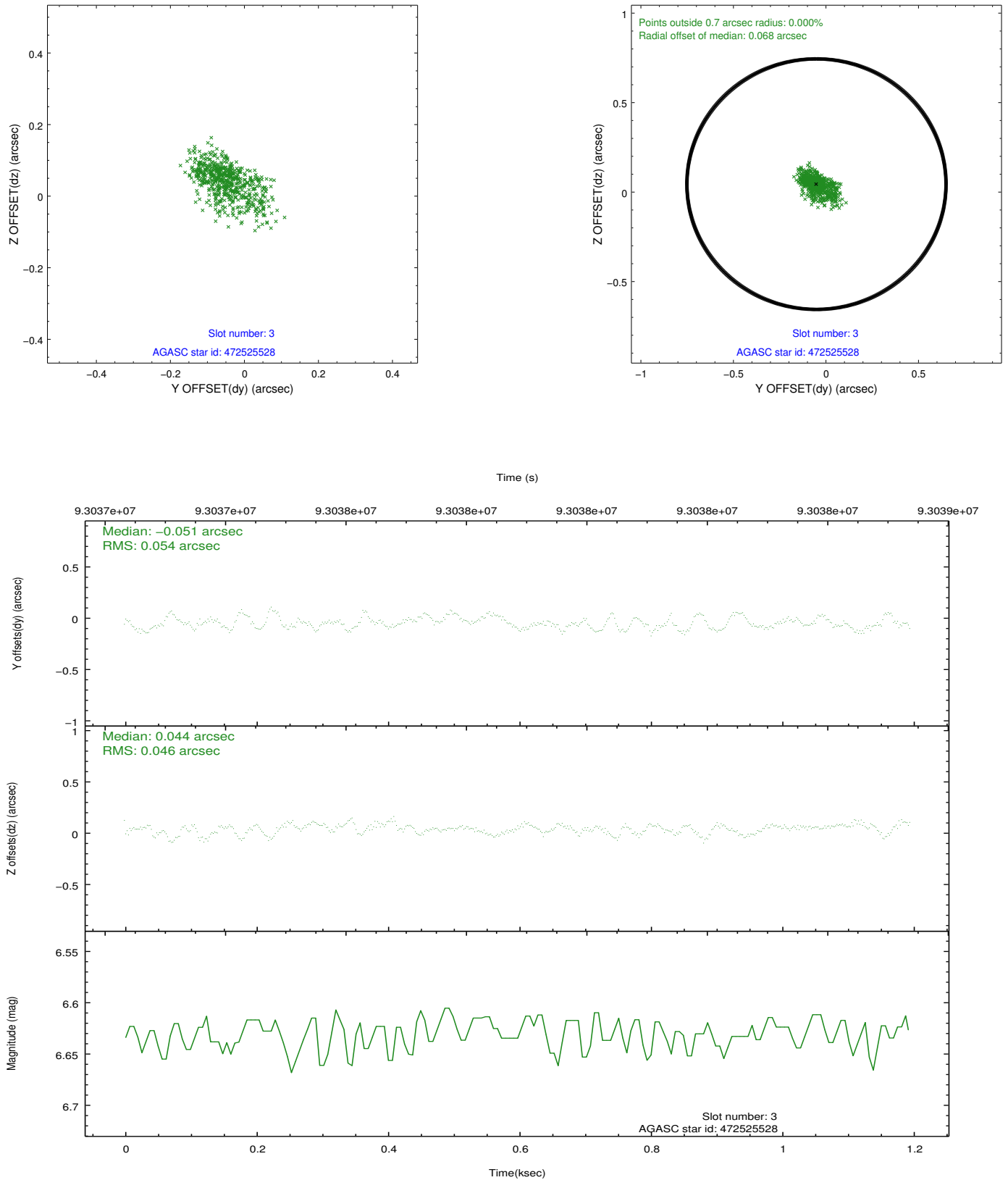


Slot Statistics

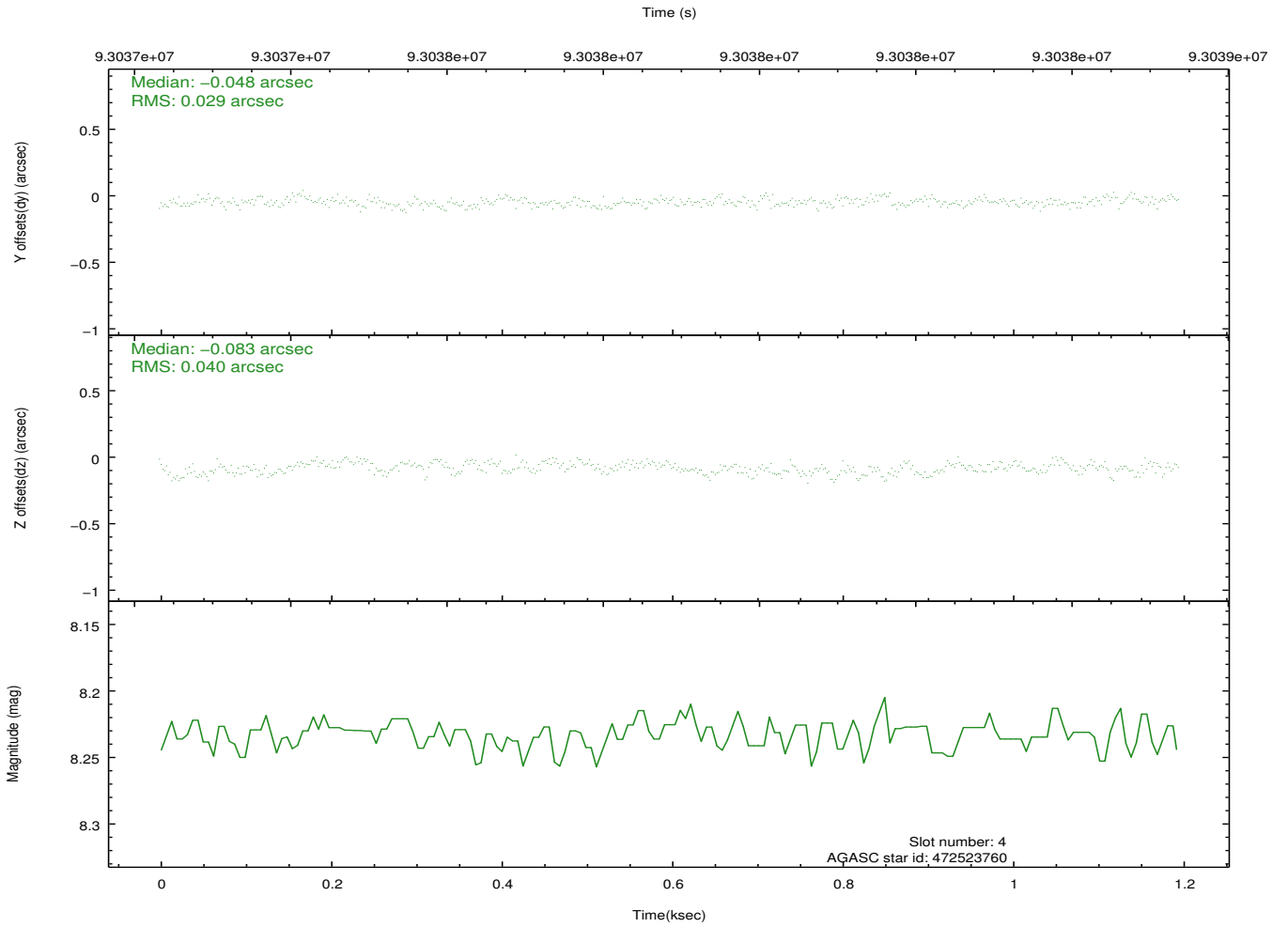
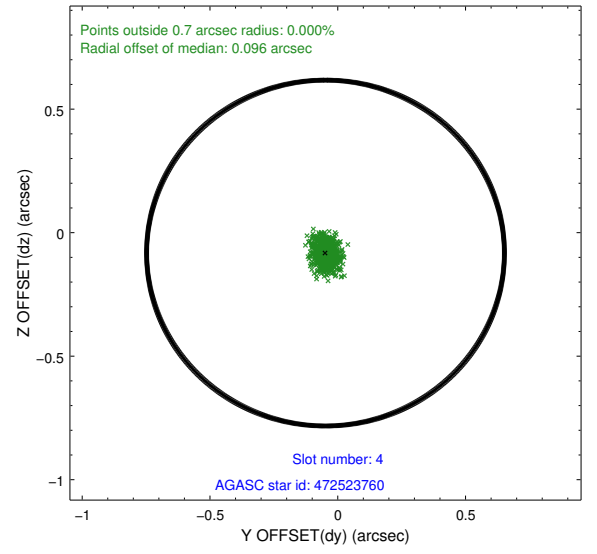
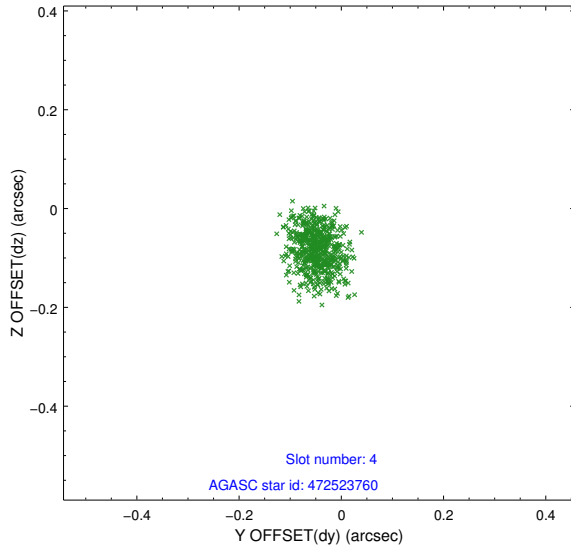
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	292	0.048	0.066	0.006	0.009	0.000000	0.000000	-758.57	-1292.41
1	FID	HRC-I-3	7.05	292	0.032	-0.098	0.006	0.010	0.000000	0.000000	-1189.66	1007.56
2	FID	HRC-I-4	6.99	292	0.033	-0.057	0.005	0.008	0.000000	0.000000	1280.15	1013.07
3	GUIDE	472525528	6.63	584	-0.051	0.044	0.076	0.127	331.551102	45.248694	865.97	-2055.75
4	GUIDE	472523760	8.23	584	-0.048	-0.083	0.054	0.084	331.645363	45.403260	497.78	-1579.91
5	GUIDE	472665256	9.02	584	-0.062	-0.090	0.076	0.116	332.808125	46.195041	-600.76	2349.73
6	GUIDE	472659832	9.47	580	0.072	0.098	0.099	0.154	332.780399	46.098139	-328.17	2130.44
7	GUIDE	472654568	9.44	583	0.083	0.038	0.115	0.178	332.194449	45.063576	2239.57	-945.94

2.4 Star Slots

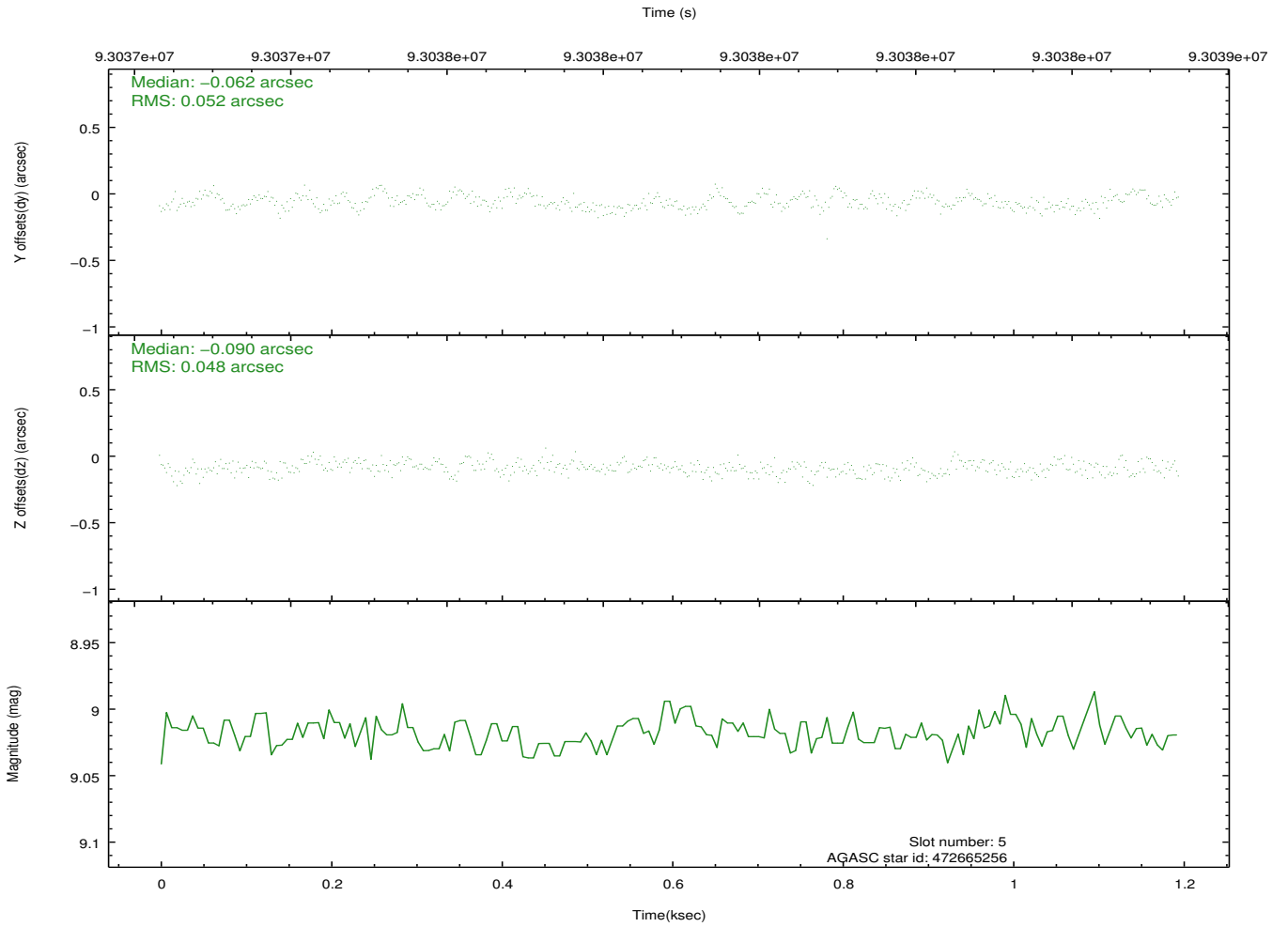
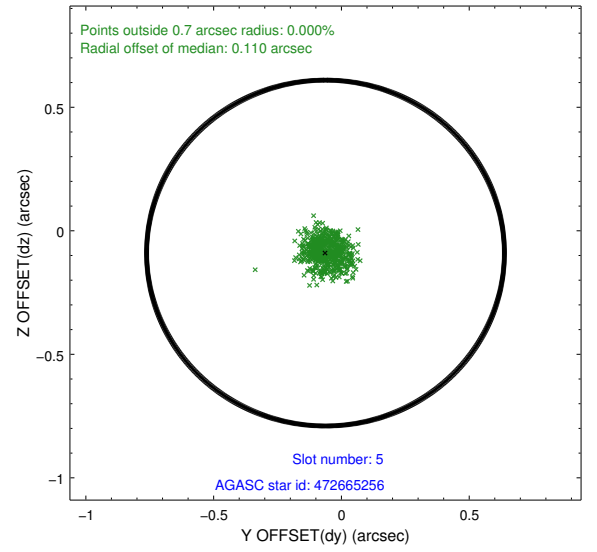
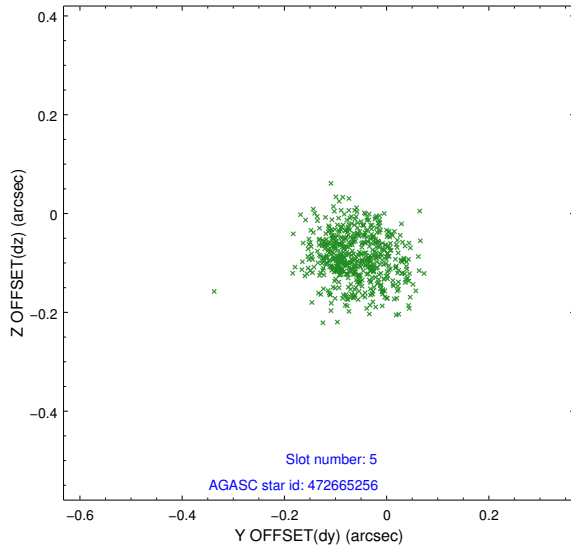
2.4.1 Slot 3



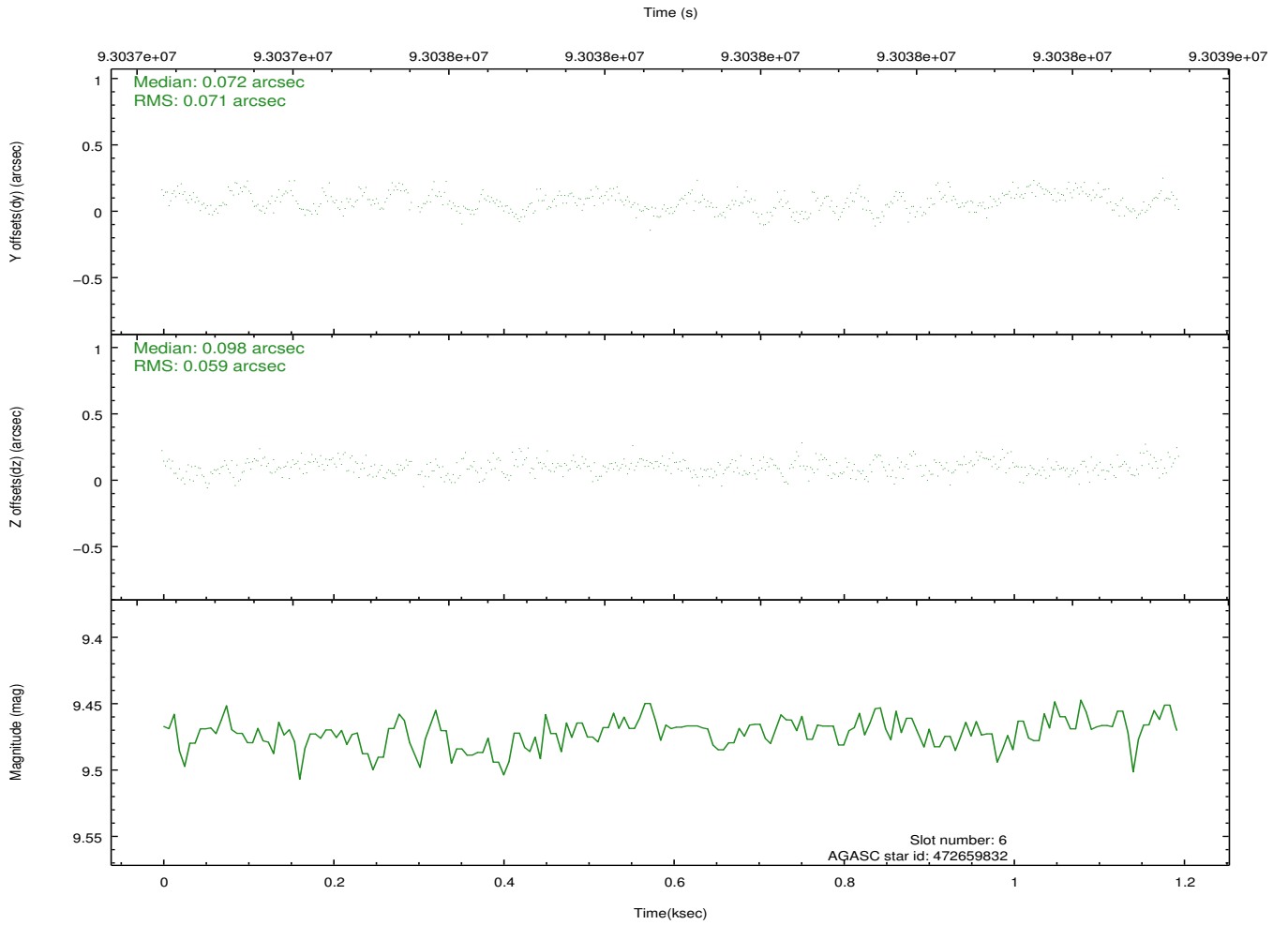
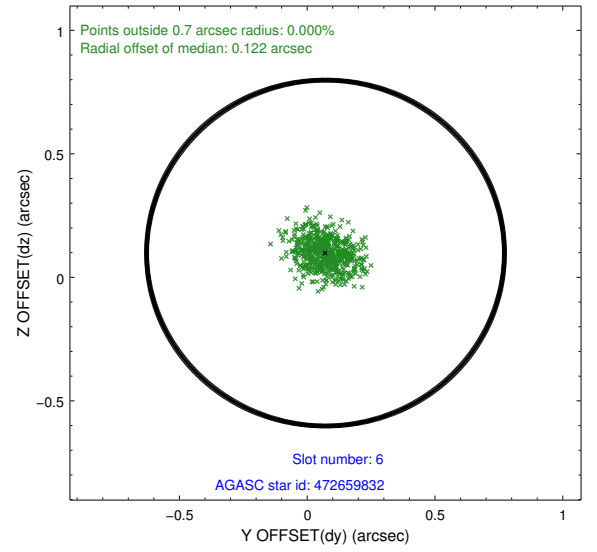
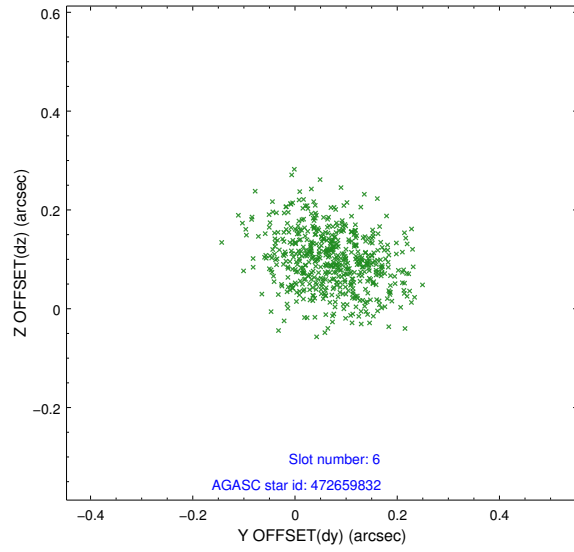
2.4.2 Slot 4



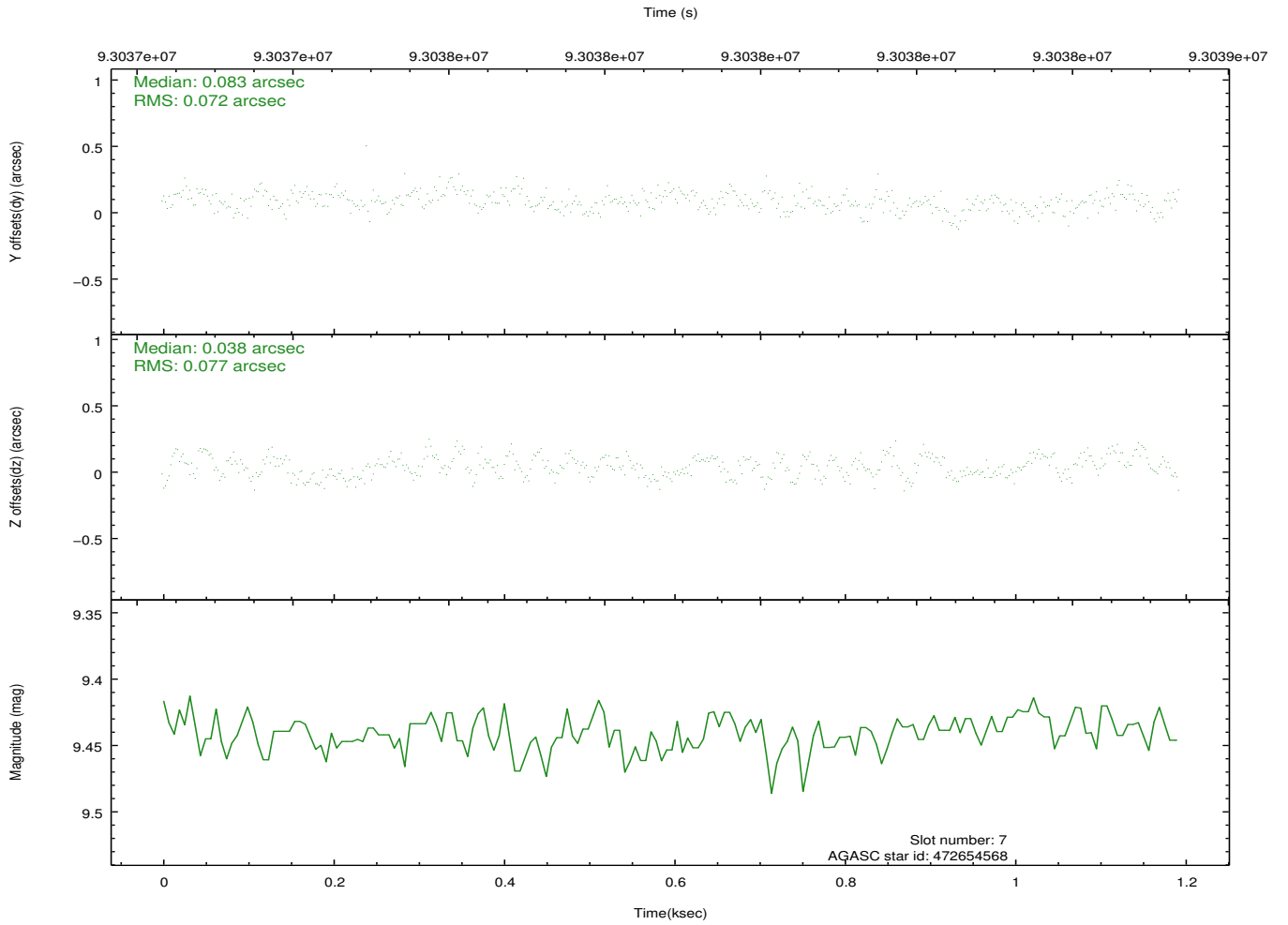
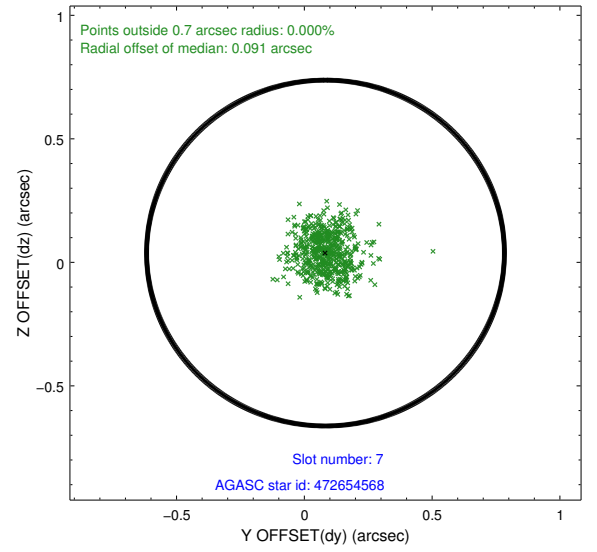
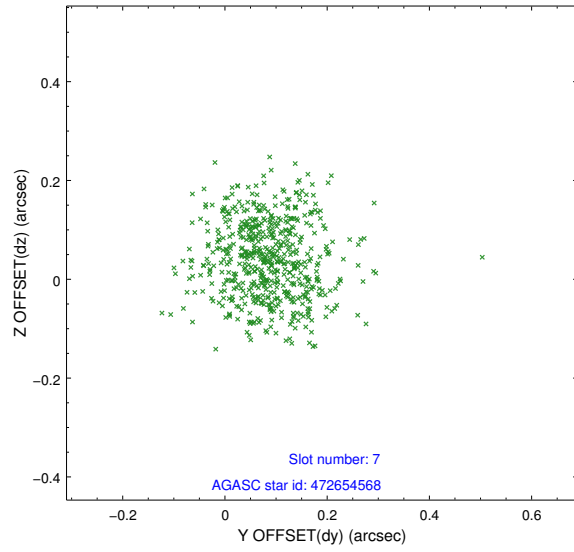
2.4.3 Slot 5



2.4.4 Slot 6

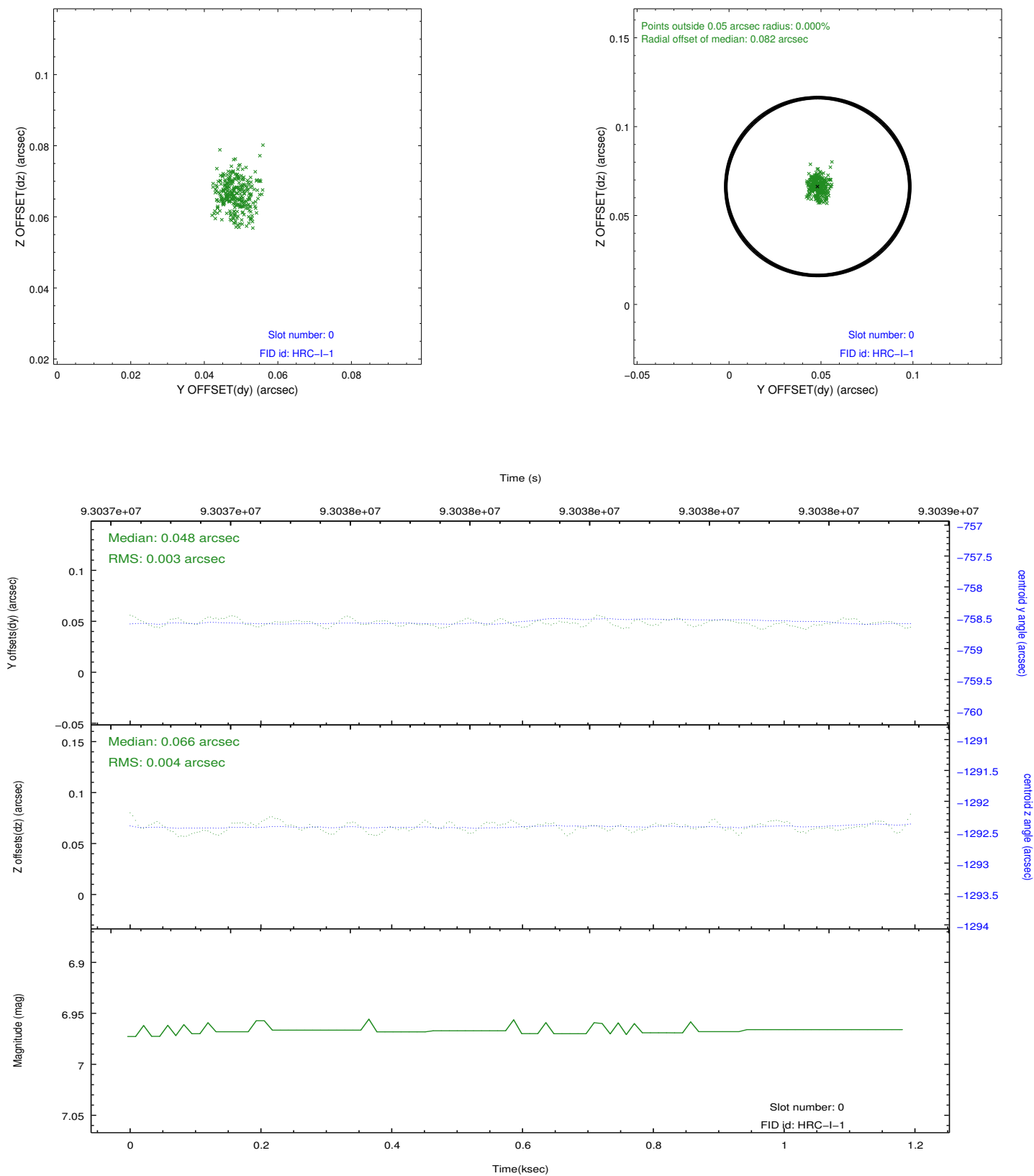


2.4.5 Slot 7

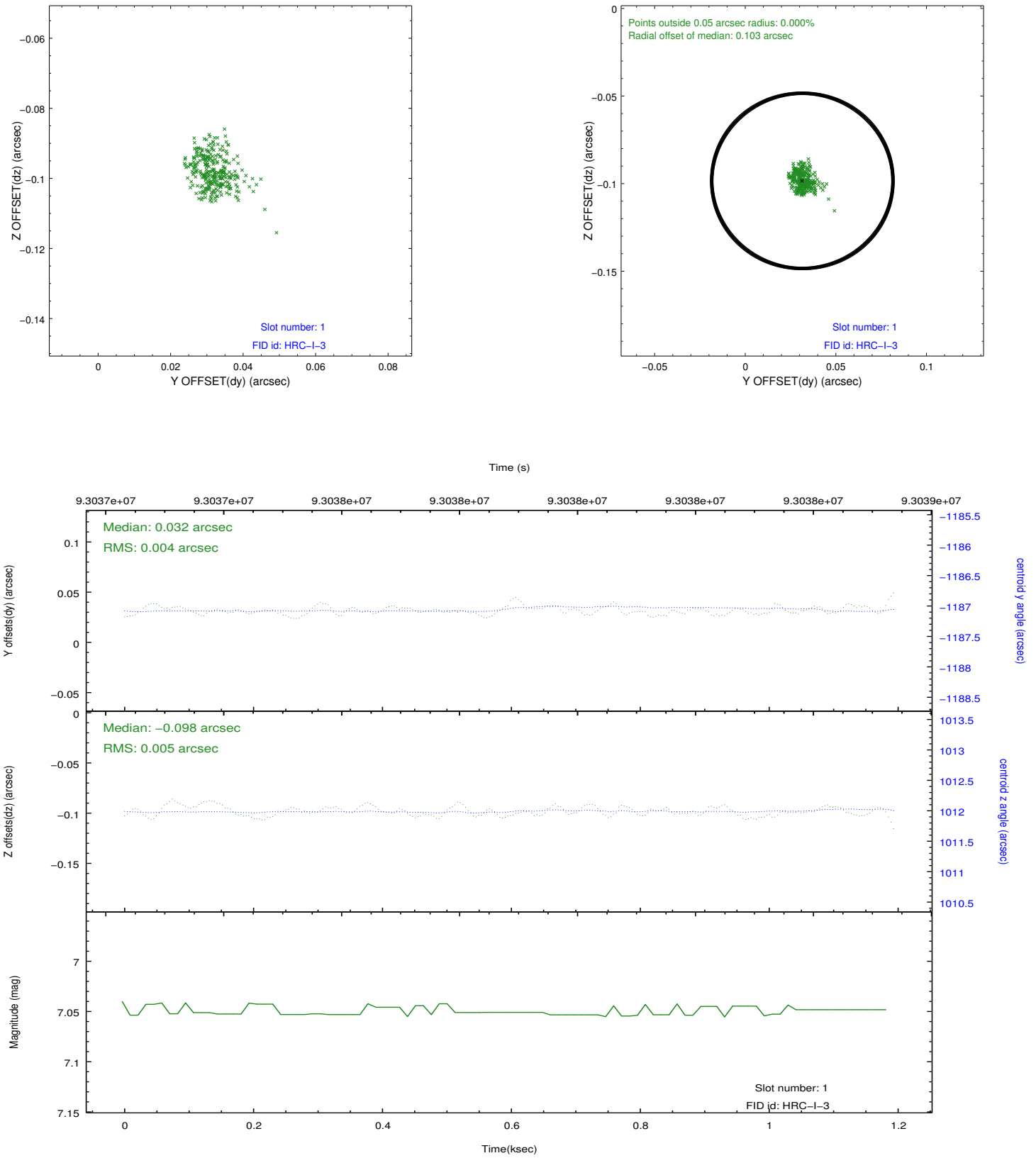


2.5 FID Slots

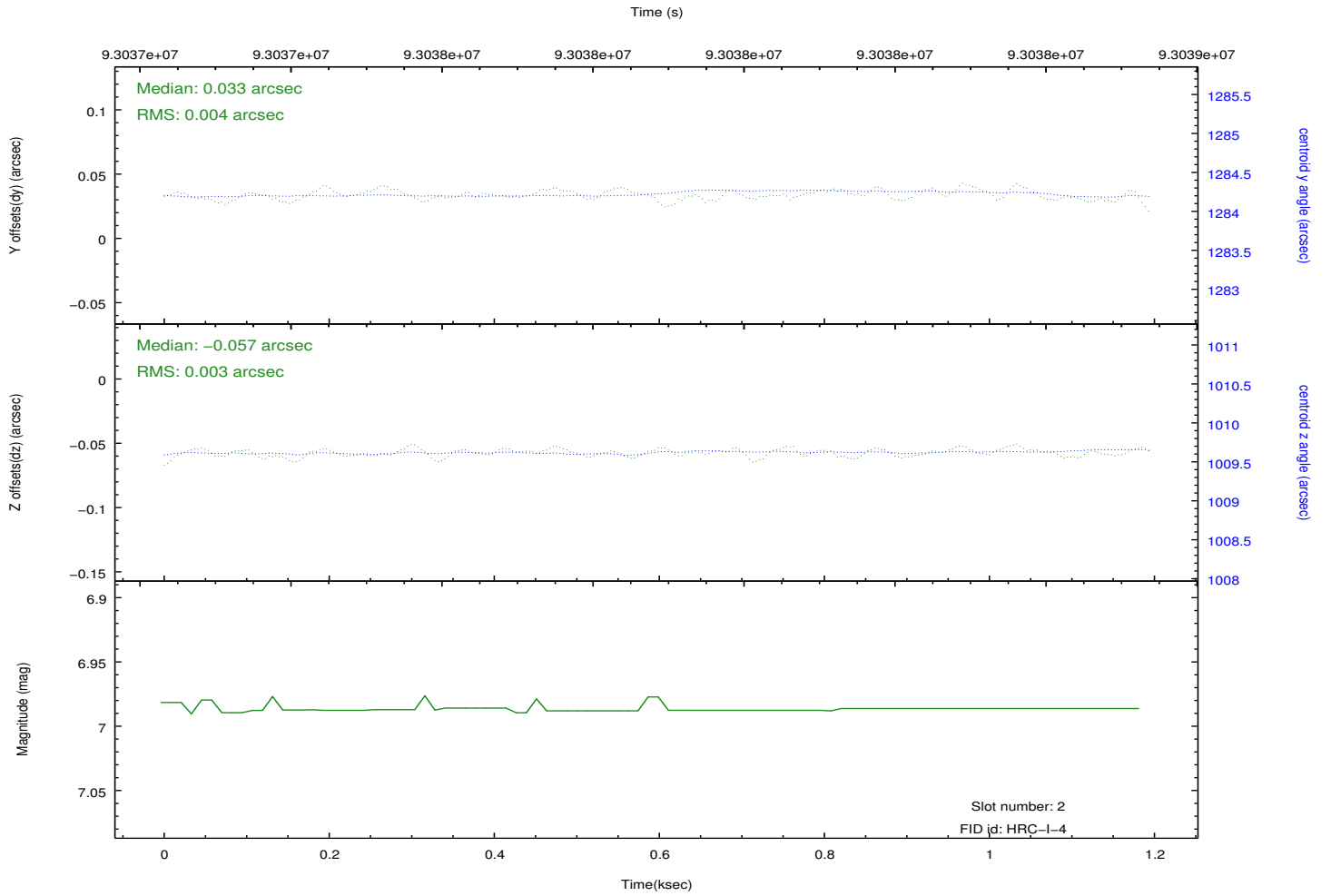
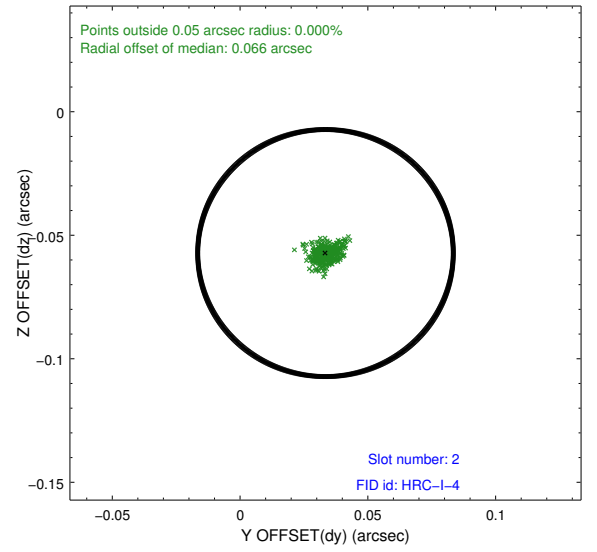
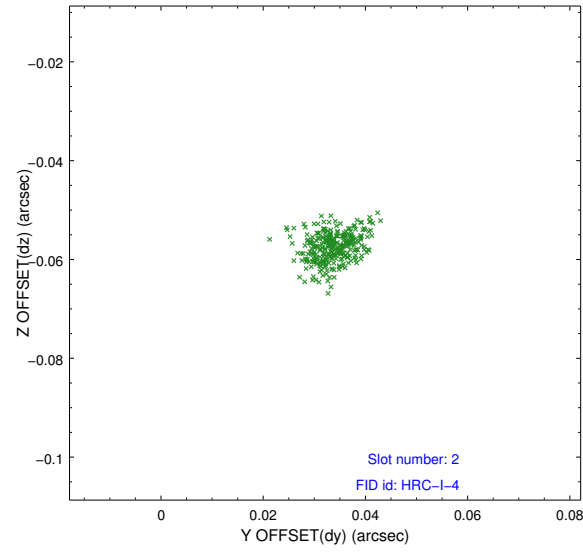
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.194

A.2 Comments