

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9672 - L2 Version 3
Chandra X-Ray Center

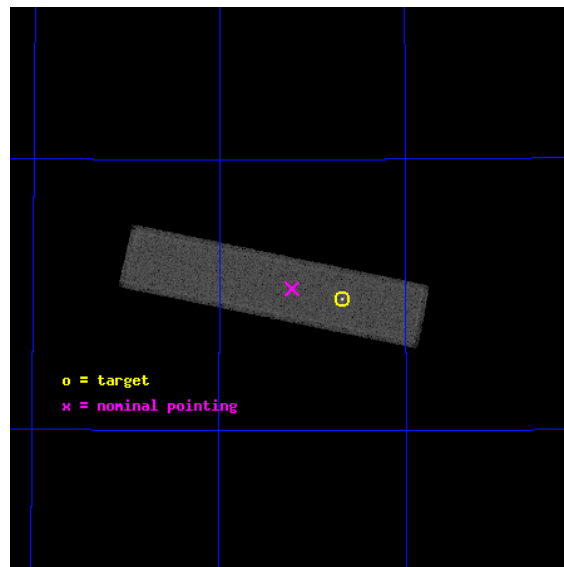
L2 Processing Date : Aug 12 2012

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1 Front

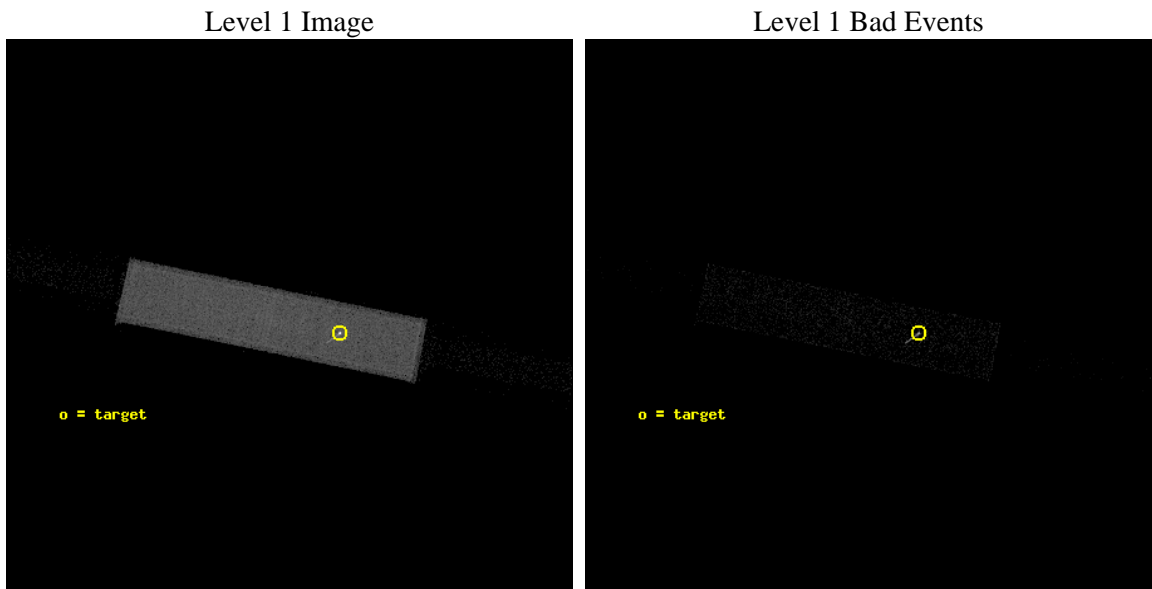
seq_num	290795	Sequence number
obs_id	9672	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.30515965829	Nominal RA [deg]
dec_nom	45.761535324592	Nominal Dec [deg]
roll_nom	191.46081537817	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1337.6250655651	[s]
livetime	1325.5863244537	Ontime multiplied by DTCOR
l2events	87447	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	1180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1337.6250655651	[s]
caldsver	4.5.1.1	 	l1events	132529	Number of level 1 events
date	2012-08-12T18:02:08	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

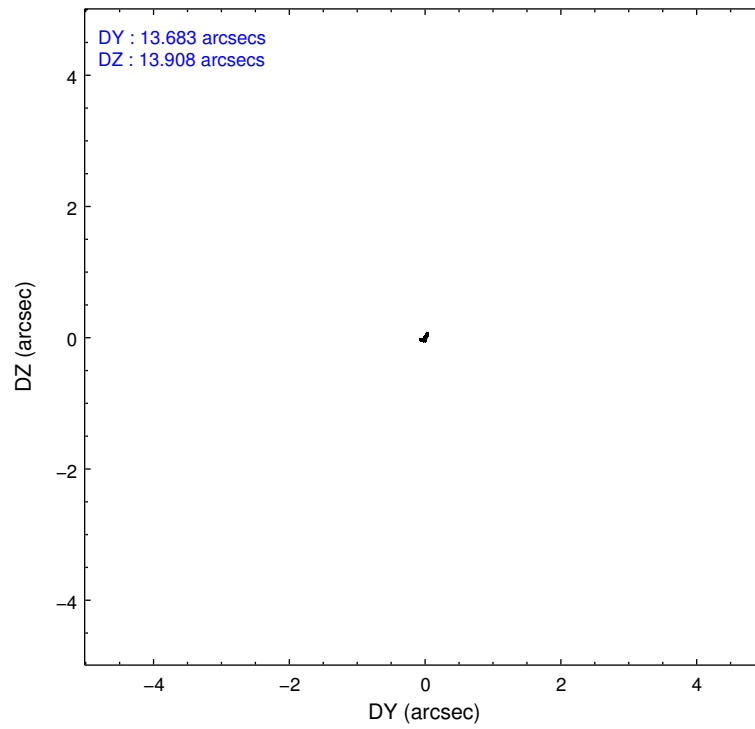
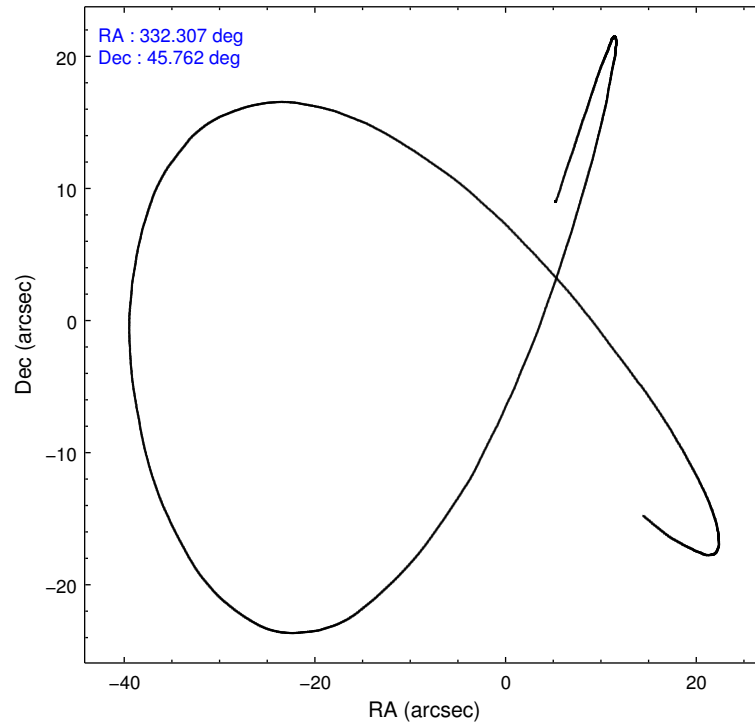
	segment 1	segment 2	segment 3
level 1 events	989	130576	964
rejected events	989	26441	964
rejected %	100%	20%	100%

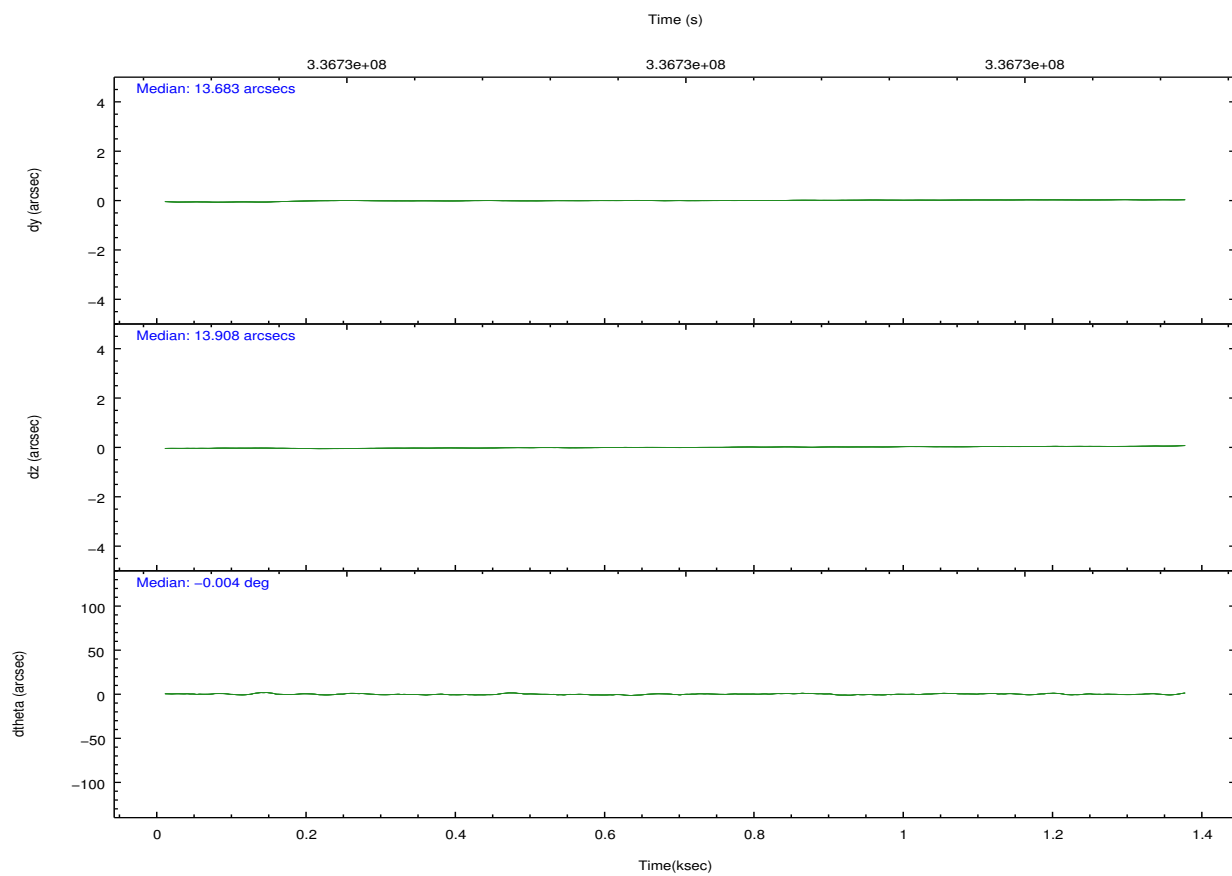
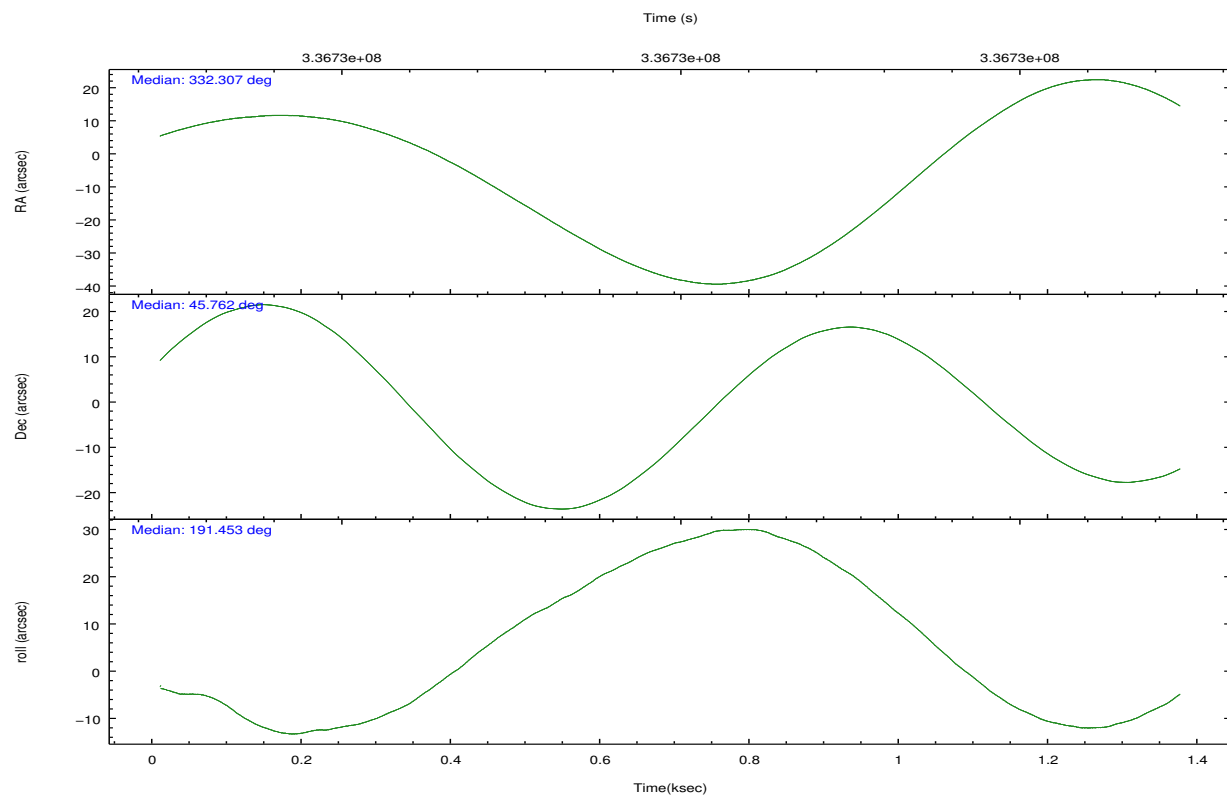
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.333214	332.3051596582947
[deg] Pointing Dec	45.781313	45.76153532459229
[deg] Pointing Roll	191.373411	191.4608153781691
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	336731493.184000	336731117.02115
Observation start date	2008-09-02T08:30:28	2008-09-02T08:25:17
[s] Observation end time (MET)	336732673.184000	336732807.24624
Observation end date	2008-09-02T08:50:08	2008-09-02T08:53:27

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

2.3 Aspect



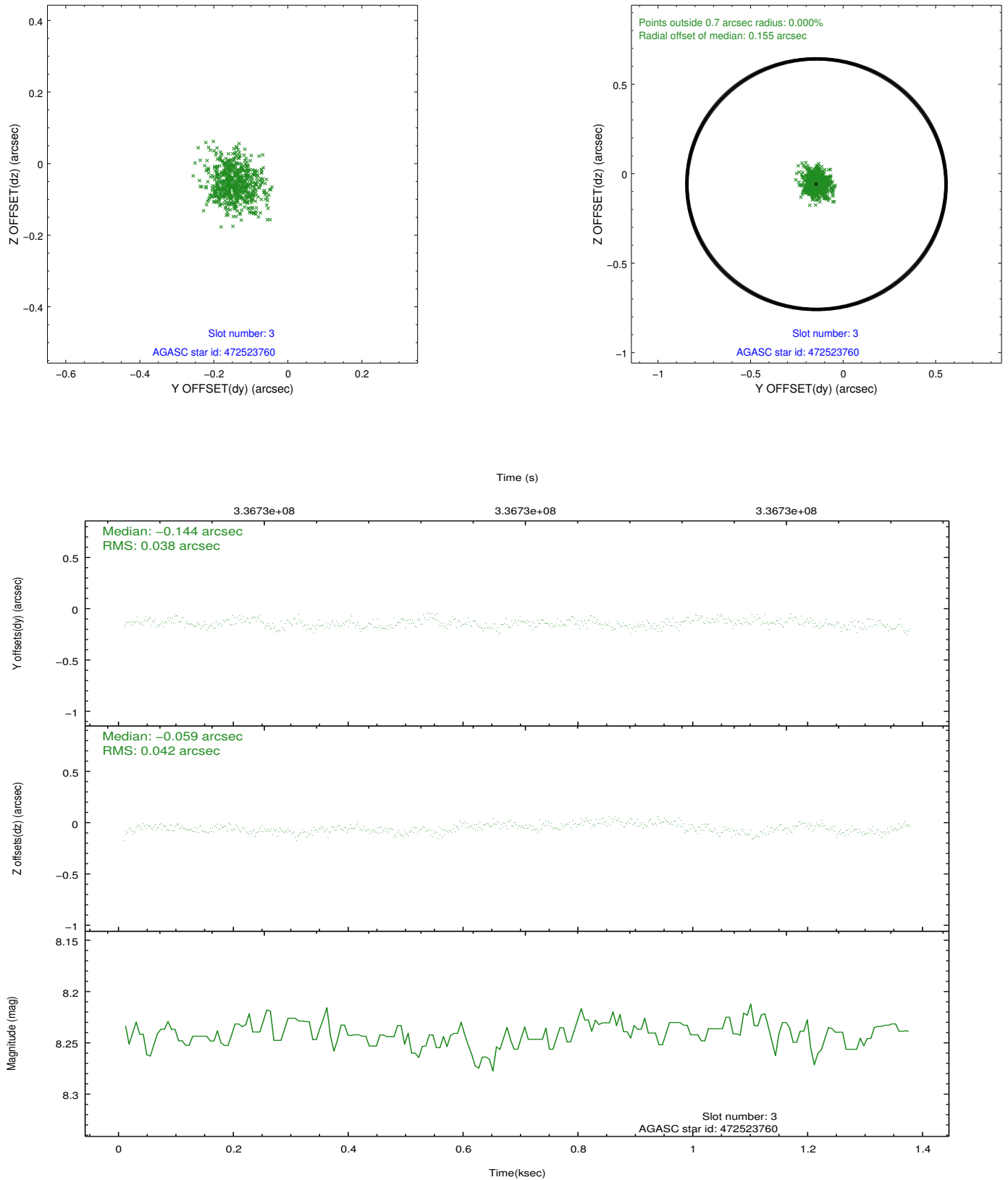


Slot Statistics

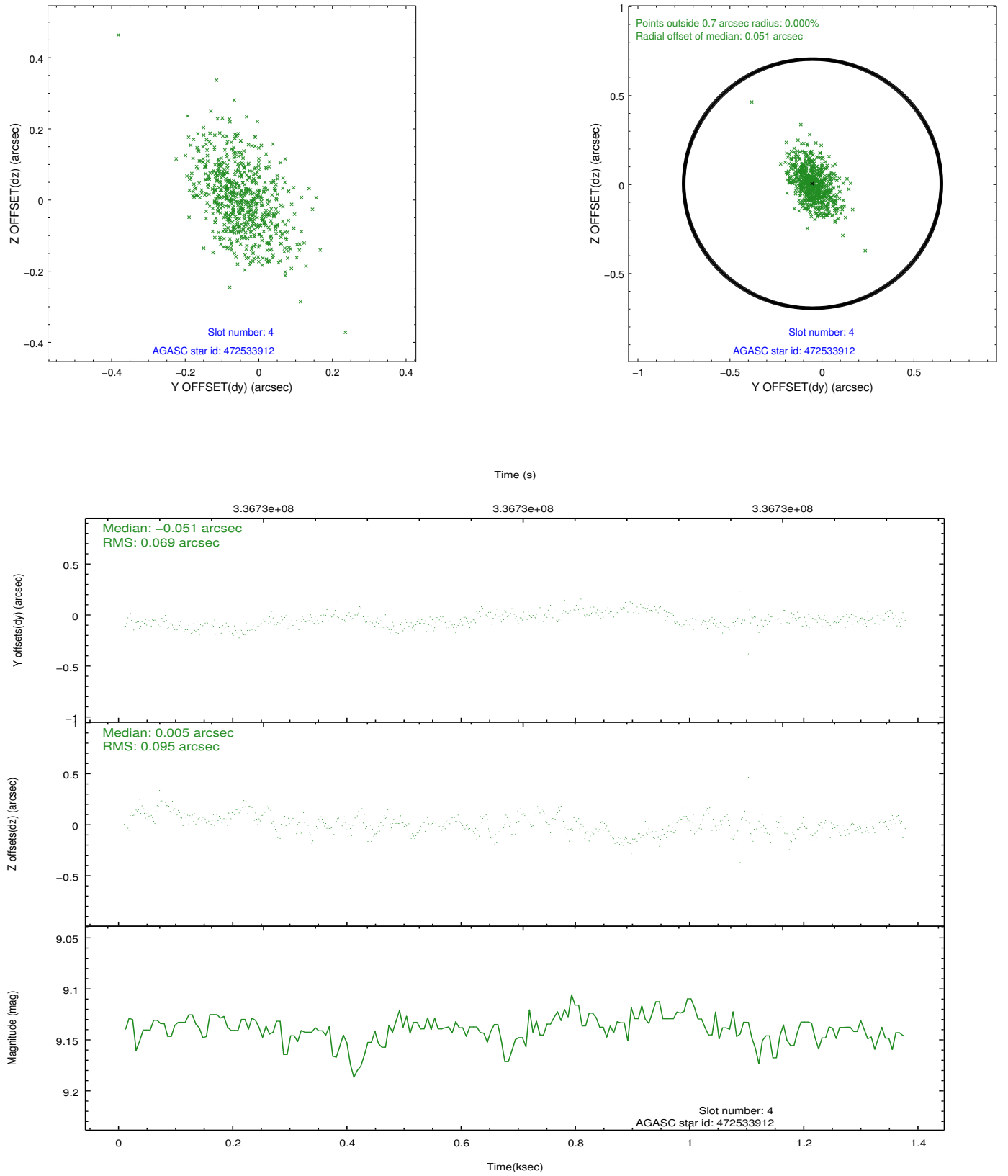
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	334	0.095	-0.180	0.007	0.012	0.000000	0.000000	-1168.02	-462.75
1	FID	HRC-S-2	7.00	334	0.192	-0.112	0.005	0.008	0.000000	0.000000	1228.24	-456.69
2	FID	HRC-S-3	7.02	334	0.103	-0.011	0.007	0.011	0.000000	0.000000	-1167.07	565.57
3	GUIDE	472523760	8.24	668	-0.144	-0.059	0.060	0.099	331.645363	45.403260	1975.28	984.82
4	GUIDE	472533912	9.14	667	-0.051	0.005	0.119	0.202	331.791136	46.368695	909.45	-2341.02
5	GUIDE	472535576	7.88	668	-0.112	0.043	0.081	0.141	331.438373	46.291802	1822.96	-2255.69
6	GUIDE	472655152	9.44	668	0.142	0.003	0.112	0.176	332.504239	45.862991	-471.52	-206.99
7	GUIDE	472665256	9.01	666	0.160	-0.007	0.085	0.142	332.808125	46.195041	-1451.04	-1230.21

2.4 Star Slots

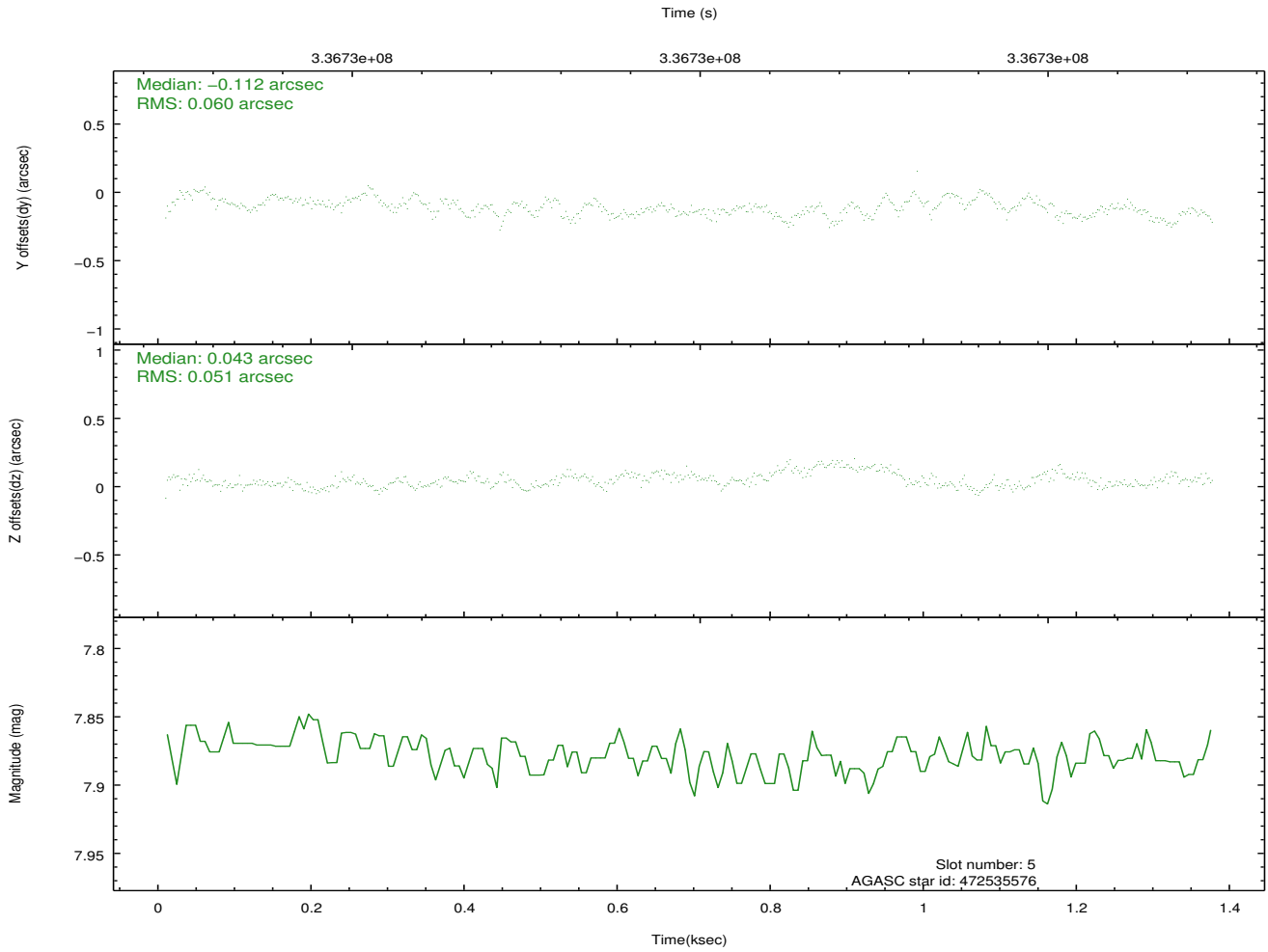
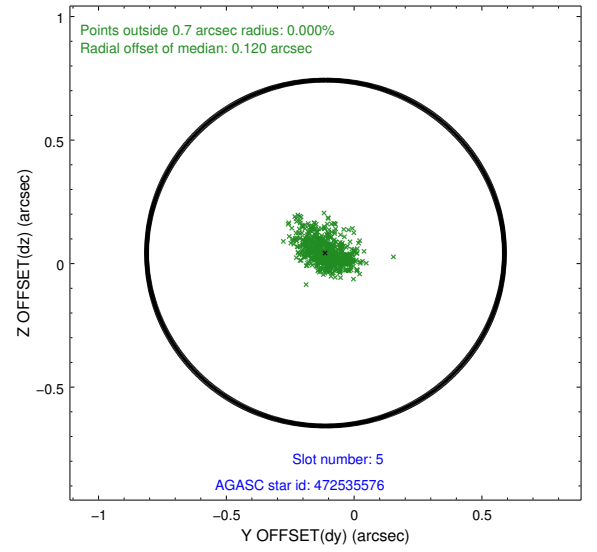
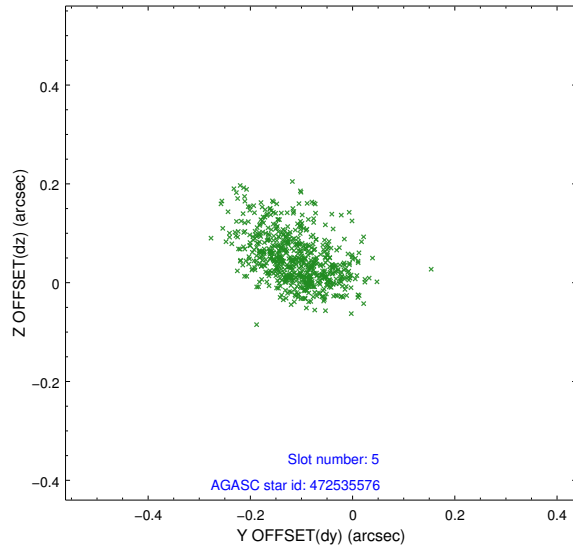
2.4.1 Slot 3



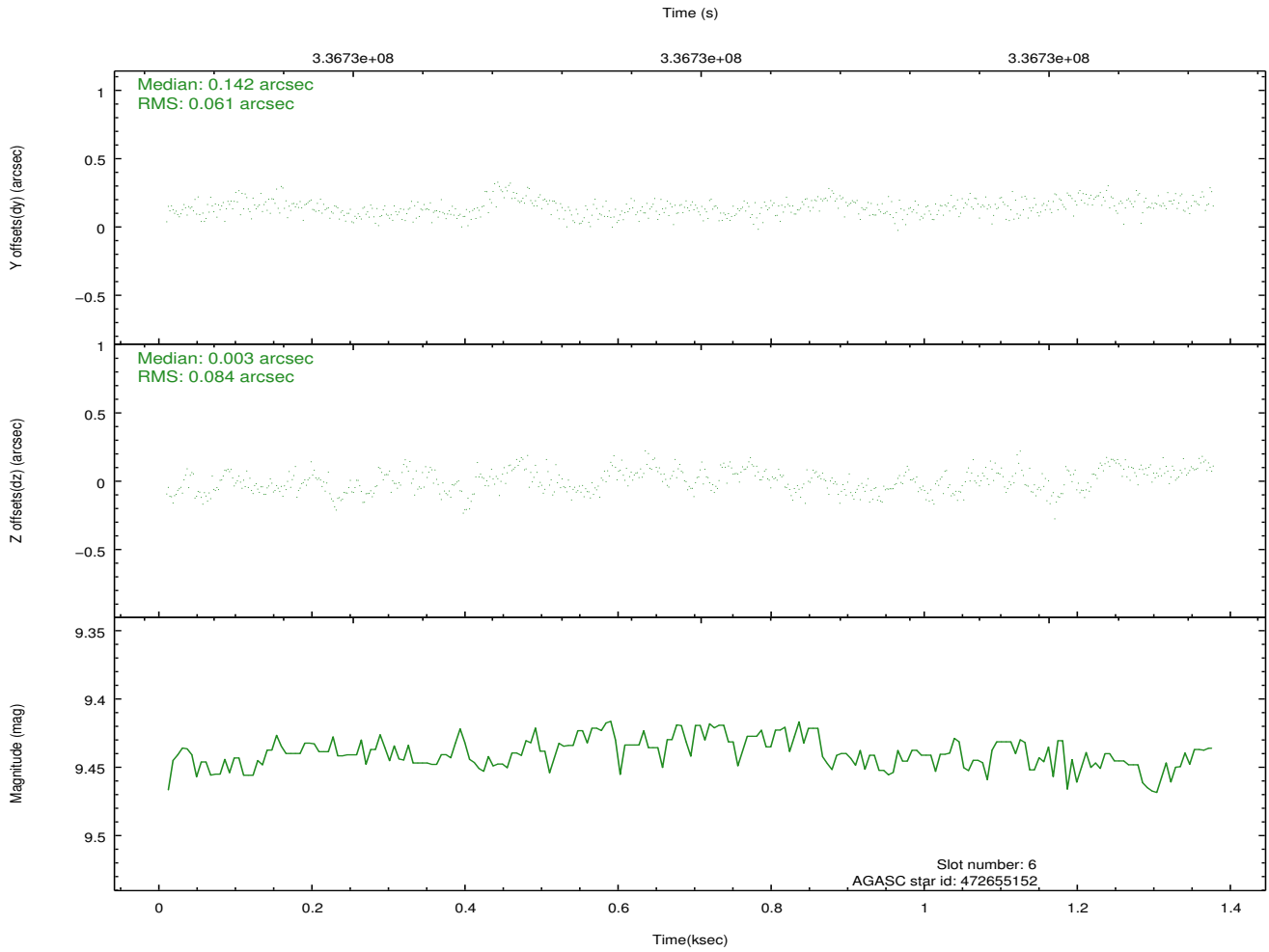
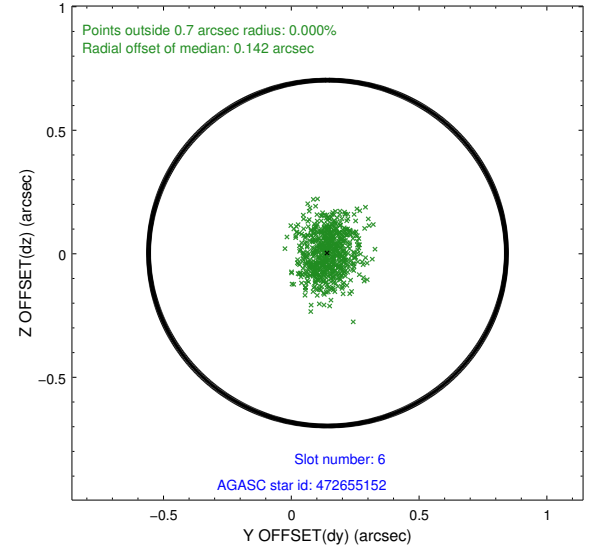
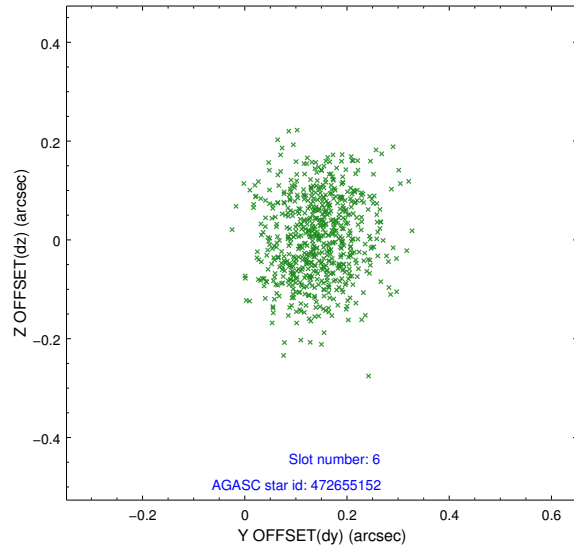
2.4.2 Slot 4



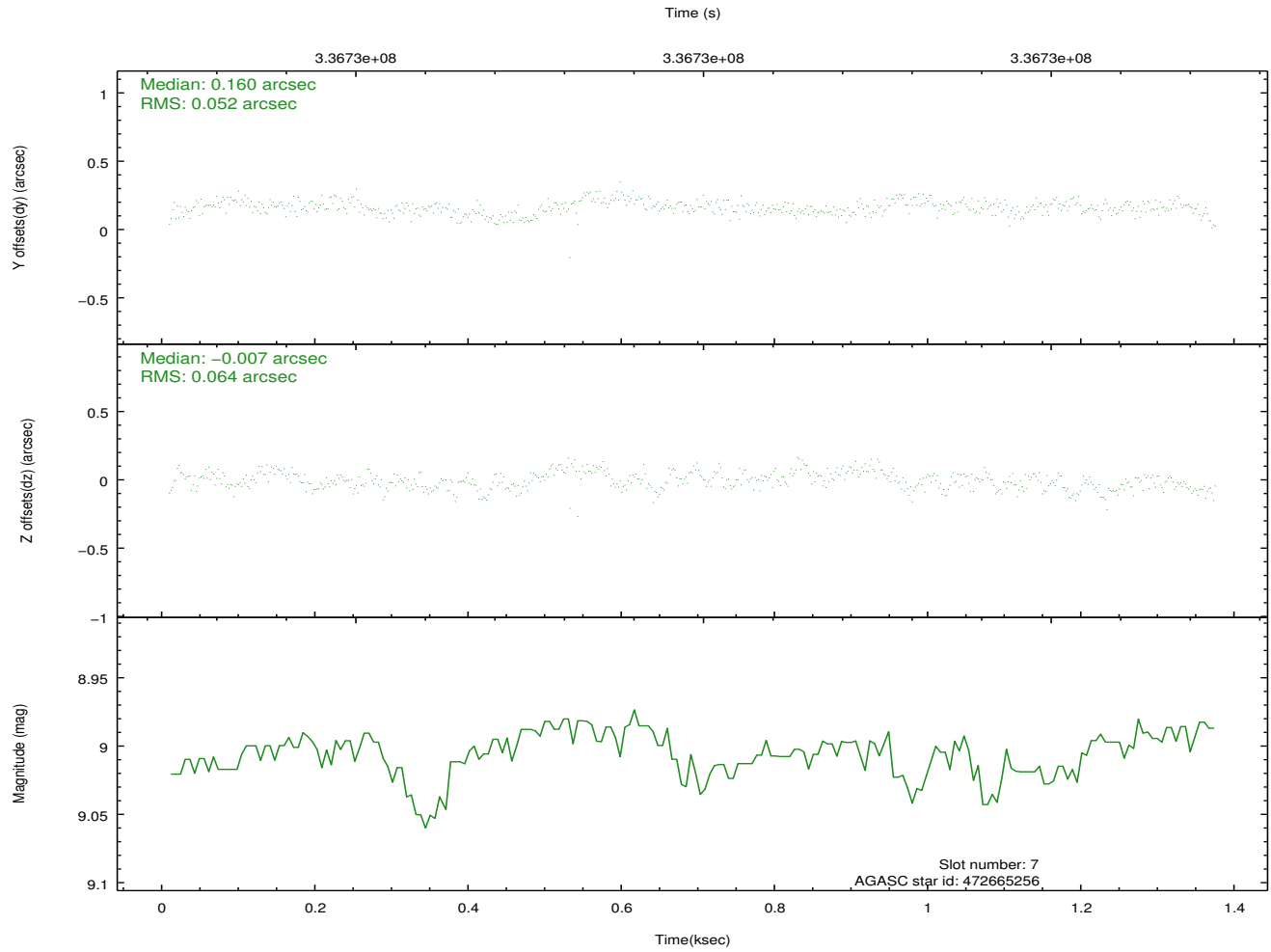
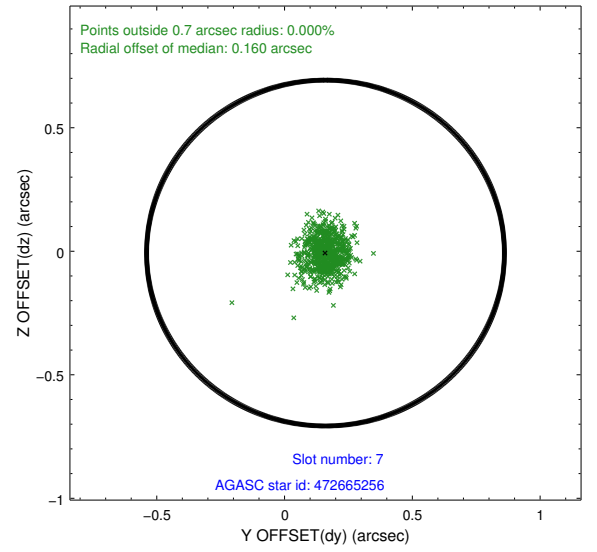
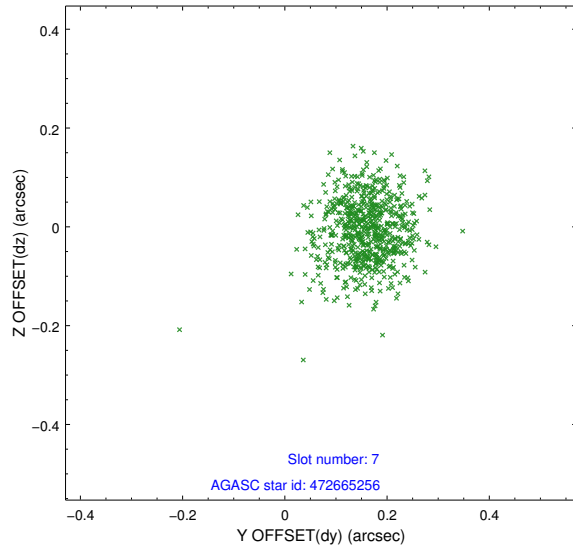
2.4.3 Slot 5



2.4.4 Slot 6

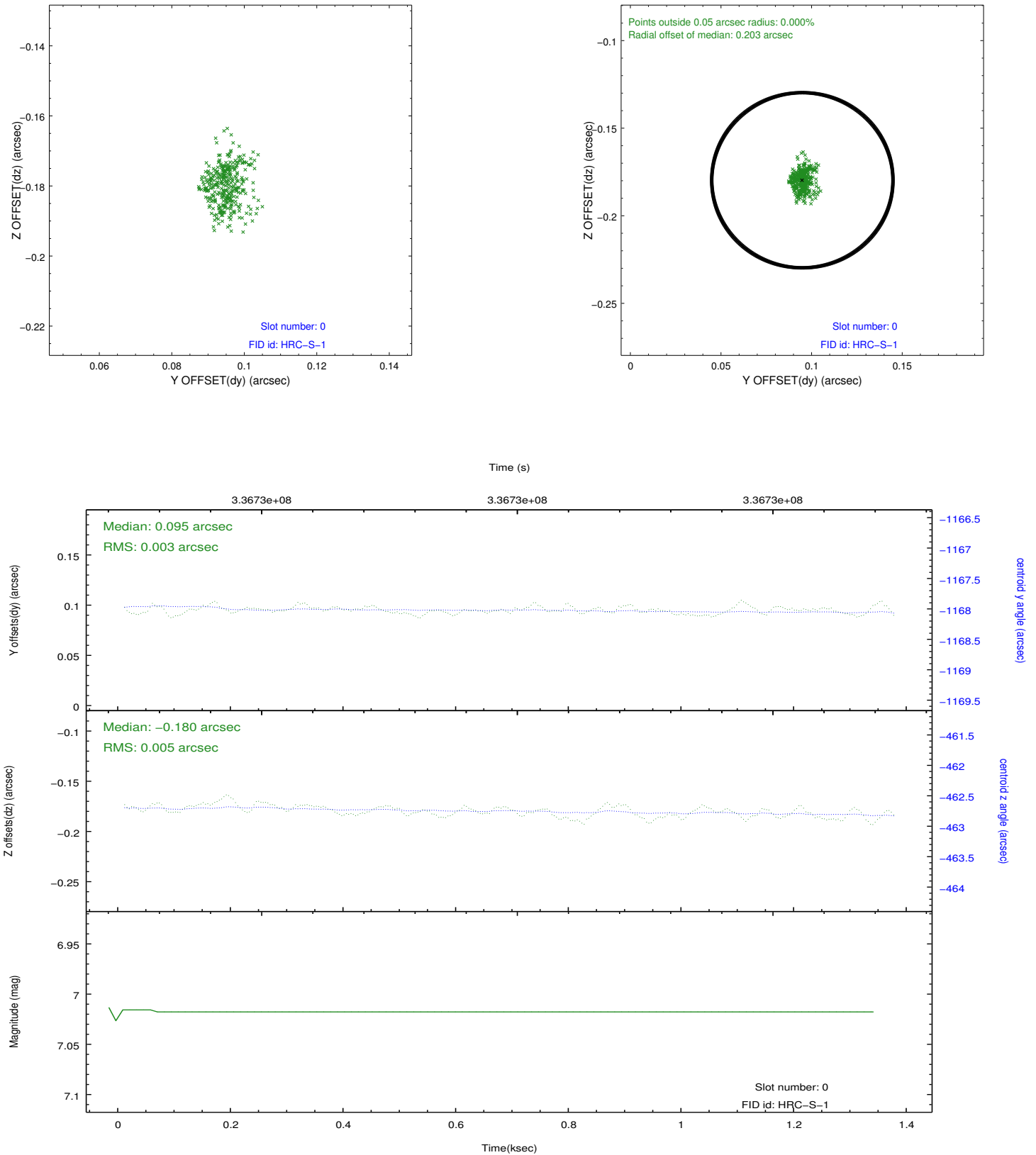


2.4.5 Slot 7

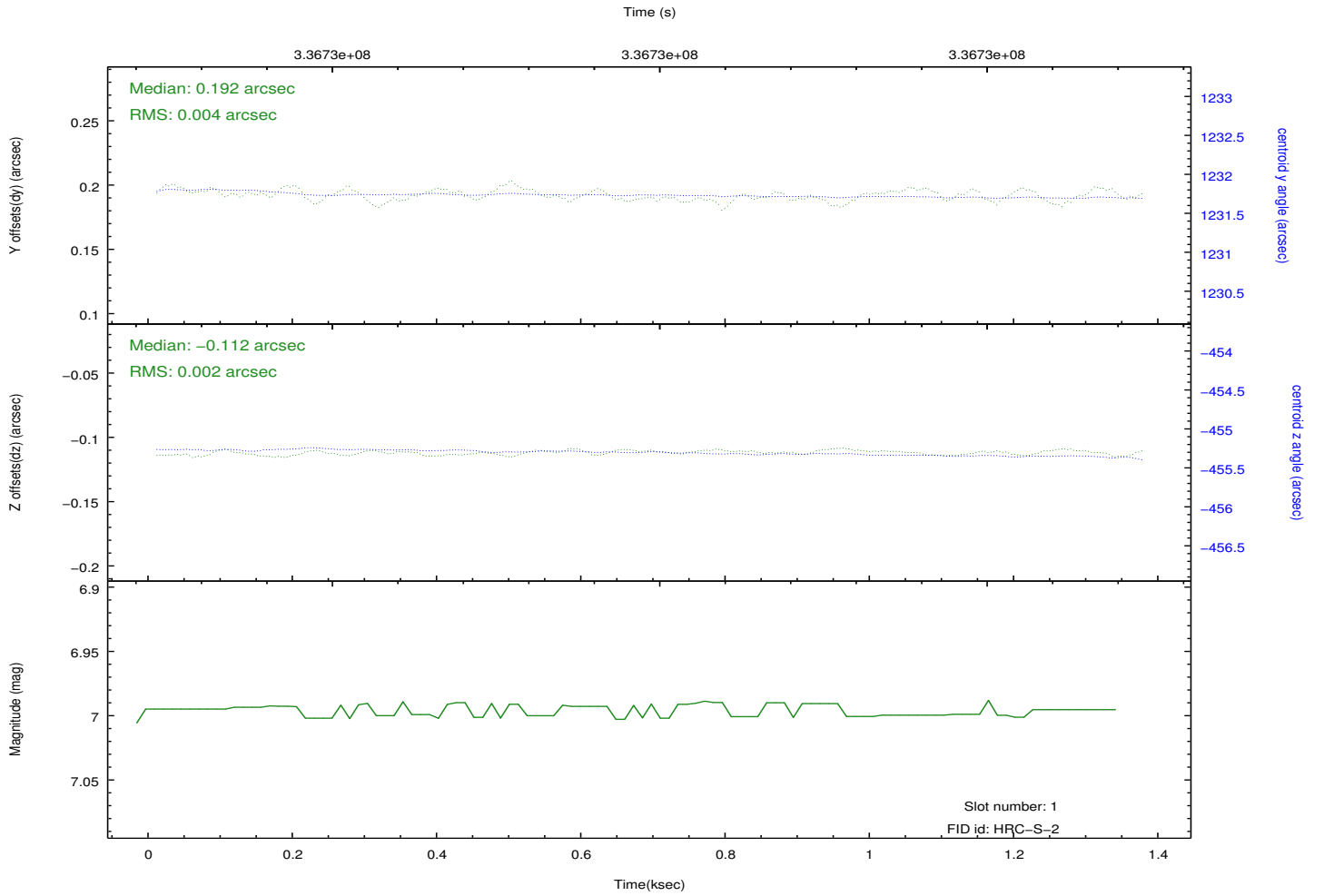
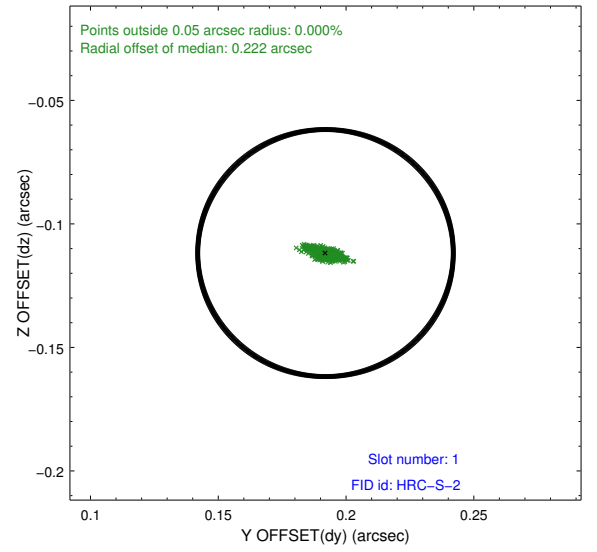
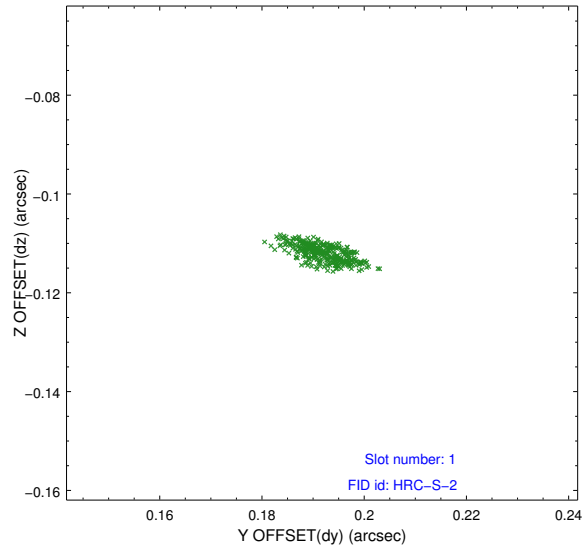


2.5 FID Slots

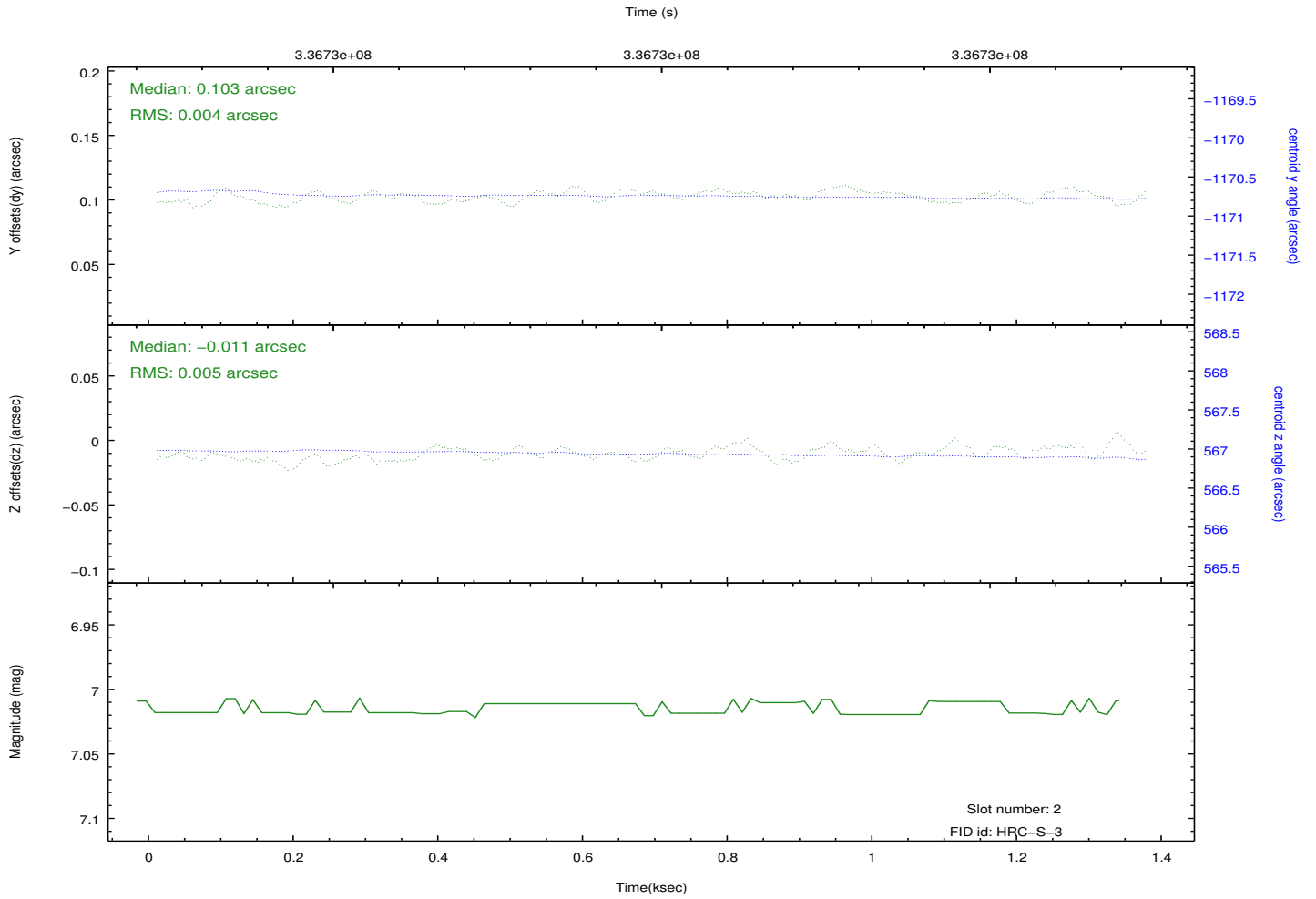
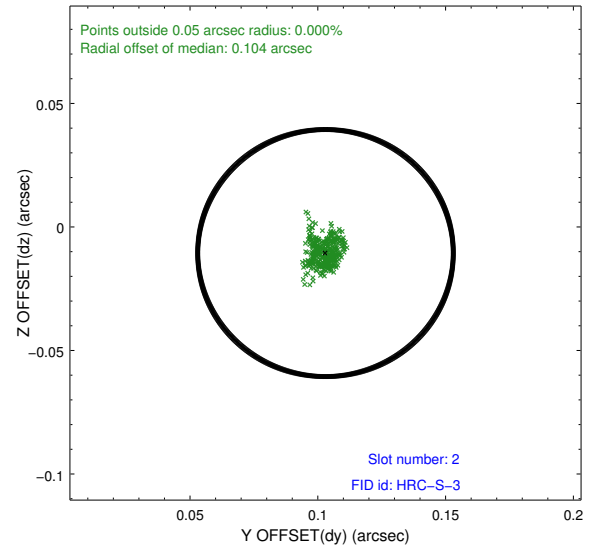
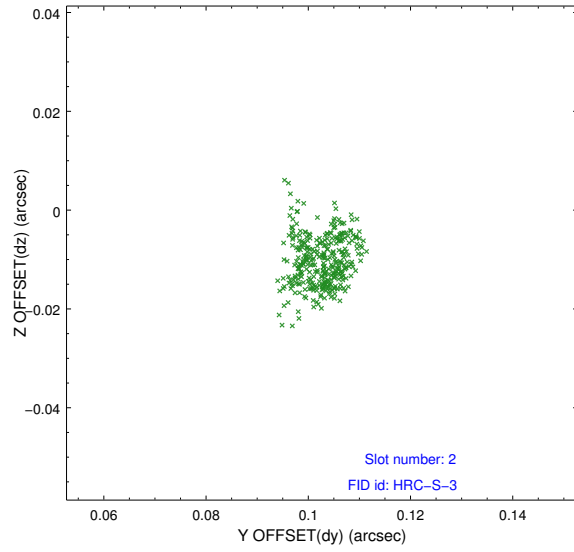
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.33788131

A.2 Comments