

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9666 - L2 Version 3
Chandra X-Ray Center

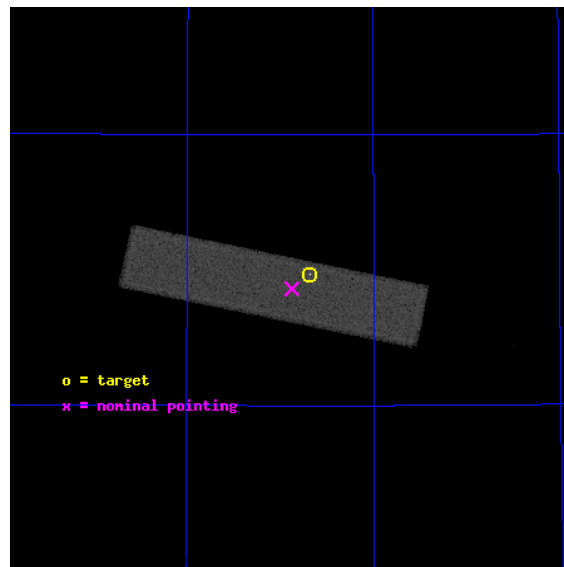
L2 Processing Date : Aug 12 2012

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1 Front

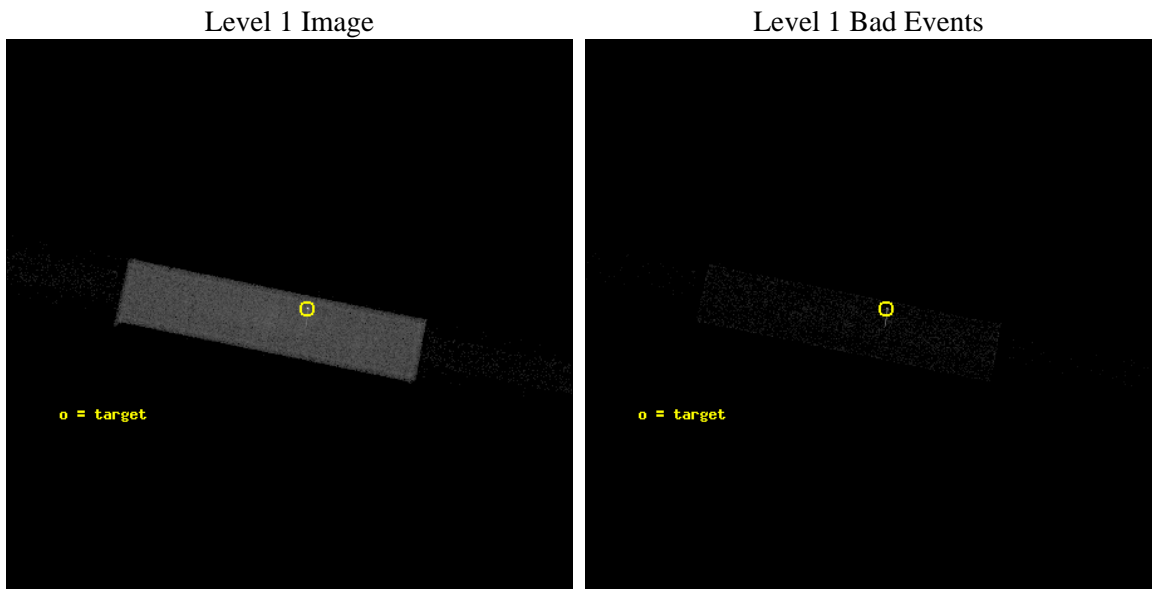
seq_num	290789	Sequence number
obs_id	9666	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.21864480678	Nominal RA [deg]
dec_nom	45.715802418931	Nominal Dec [deg]
roll_nom	191.43722674986	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1331.4750652909	[s]
livetime	1319.6365209617	Ontime multiplied by DTCOR
l2events	84909	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	1331.4750652909	[s]
caldbver	4.5.1.1	 	l1events	130118	Number of level 1 events
date	2012-08-12T17:49:56	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

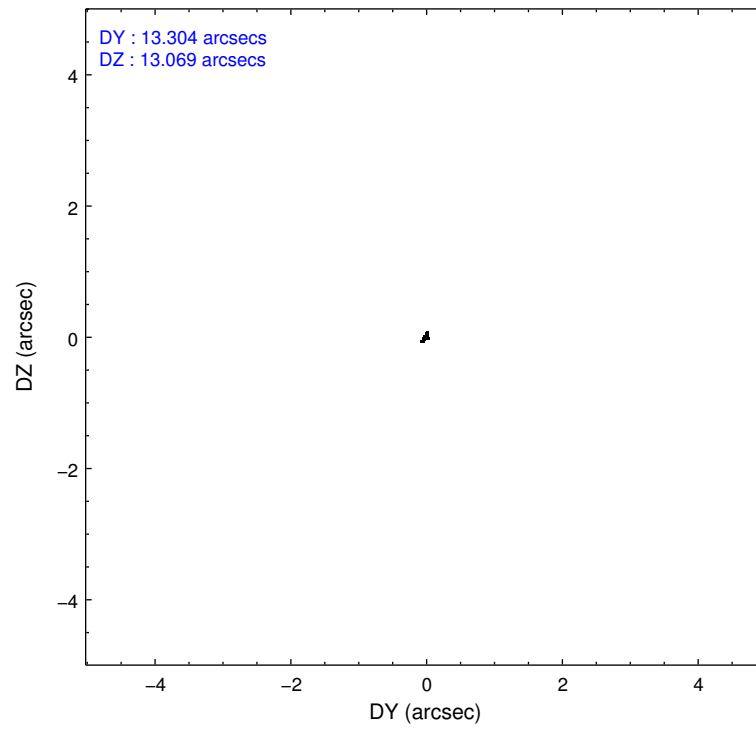
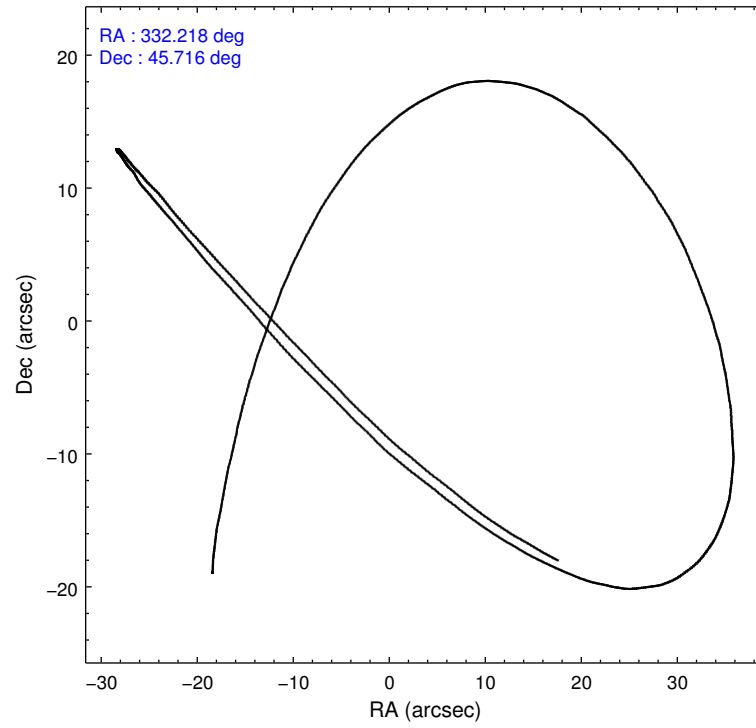
	segment 1	segment 2	segment 3
level 1 events	1005	128169	944
rejected events	1005	26345	939
rejected %	100%	20%	99%

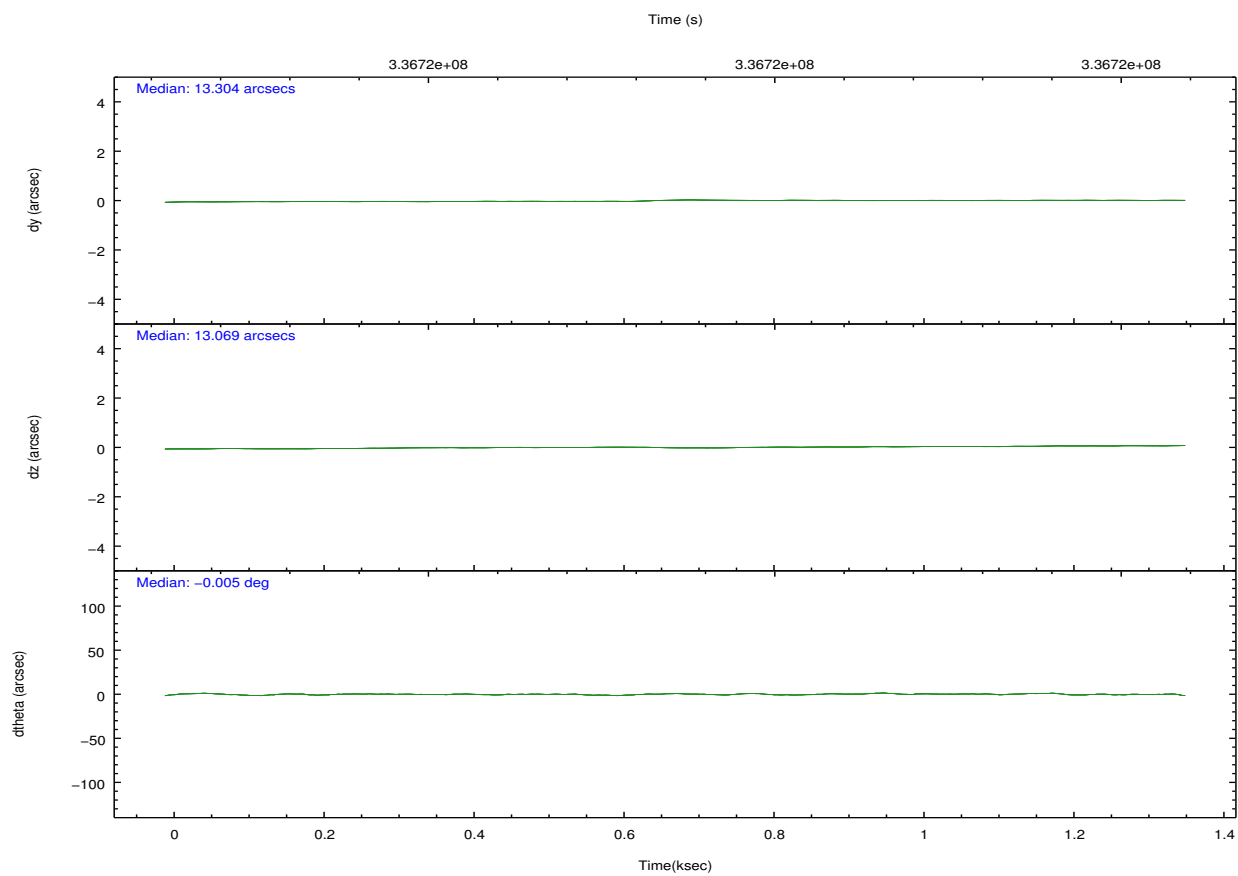
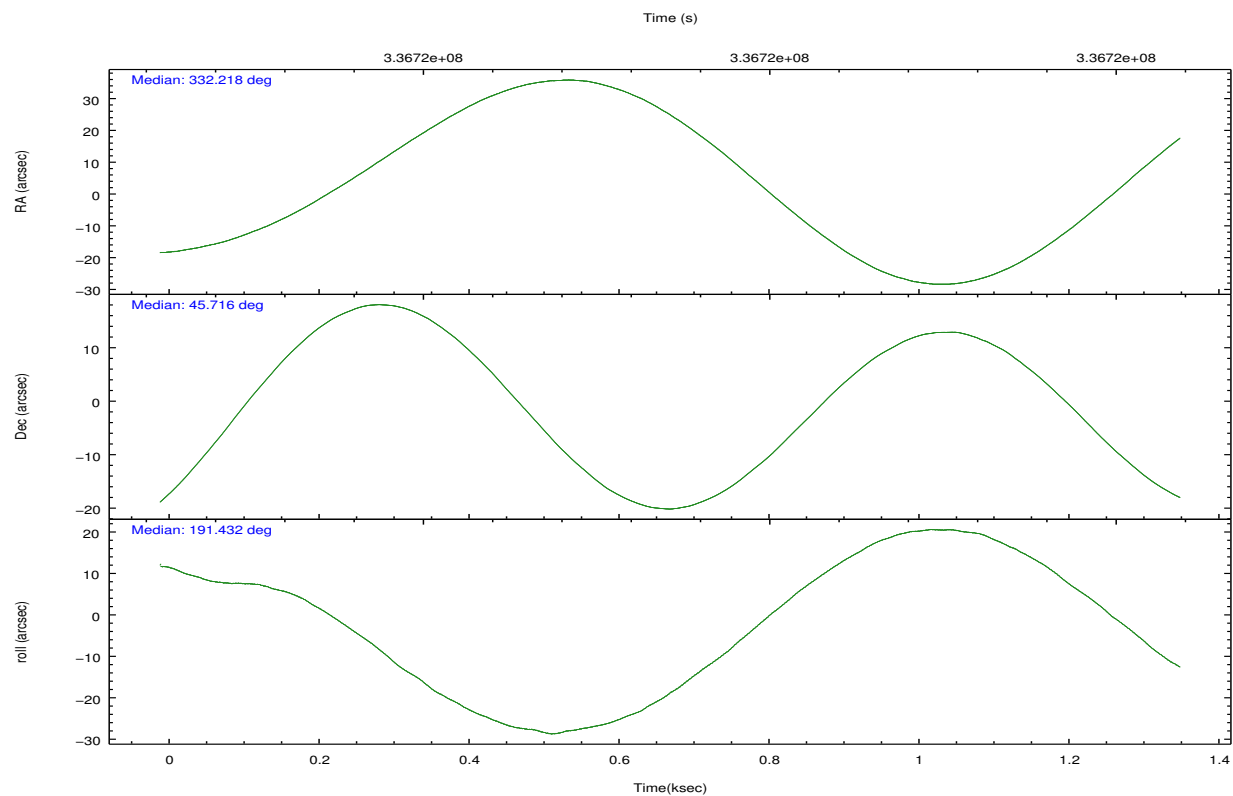
2.2 Compared Parameters

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	332.248977	332.218644806776
[deg] Pointing Dec	45.735373	45.71580241893115
[deg] Pointing Roll	191.348169	191.4372267498621
[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)	336721353.184000	336720976.69566
Observation start date	2008-09-02T05:41:28	2008-09-02T05:36:16
[s] Observation end time (MET)	336722533.184000	336722666.92074
Observation end date	2008-09-02T06:01:08	2008-09-02T06:04:26

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

2.3 Aspect



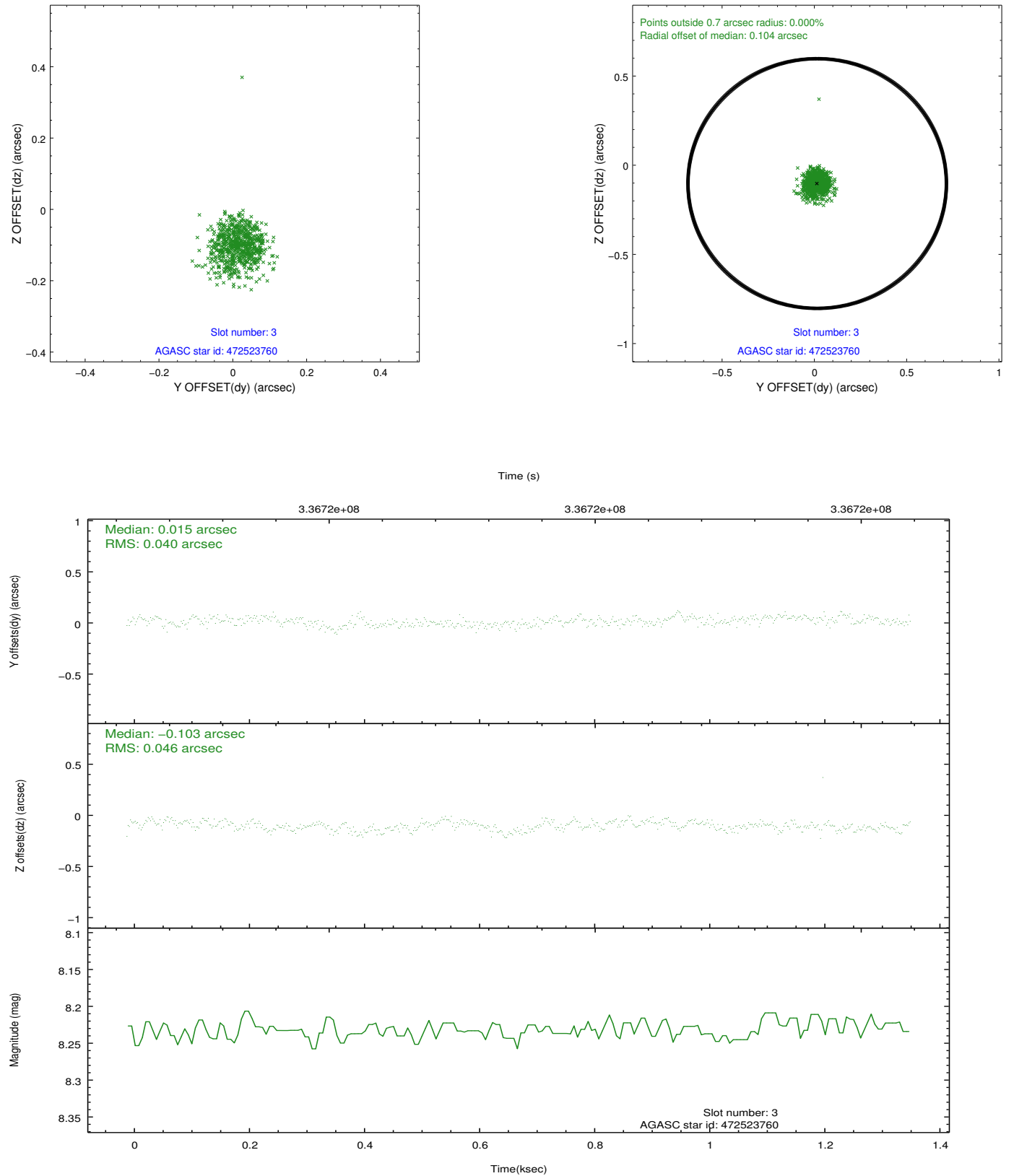


Slot Statistics

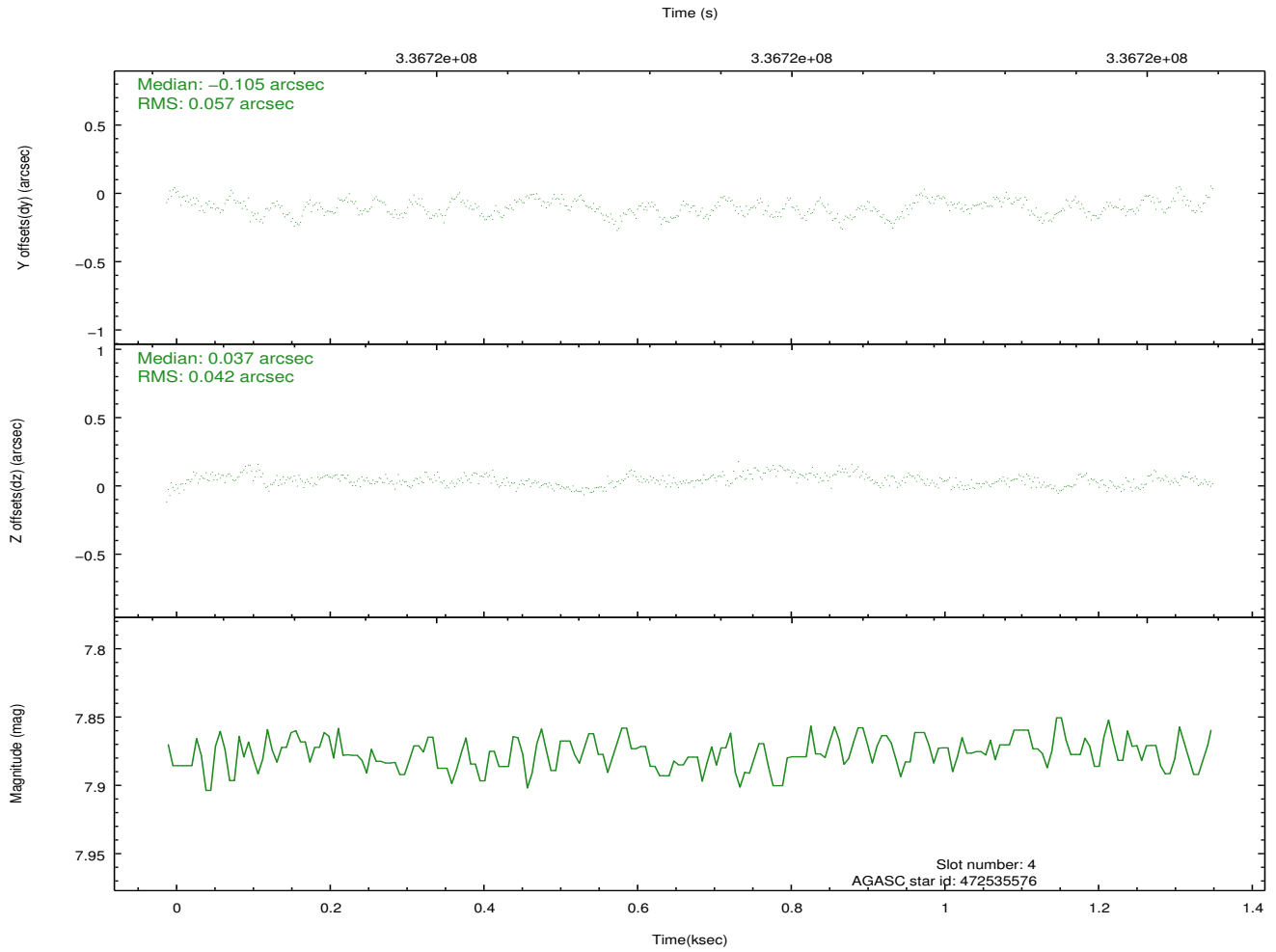
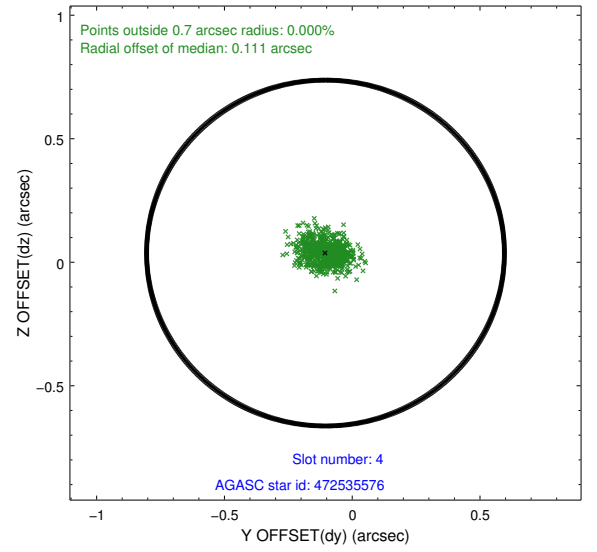
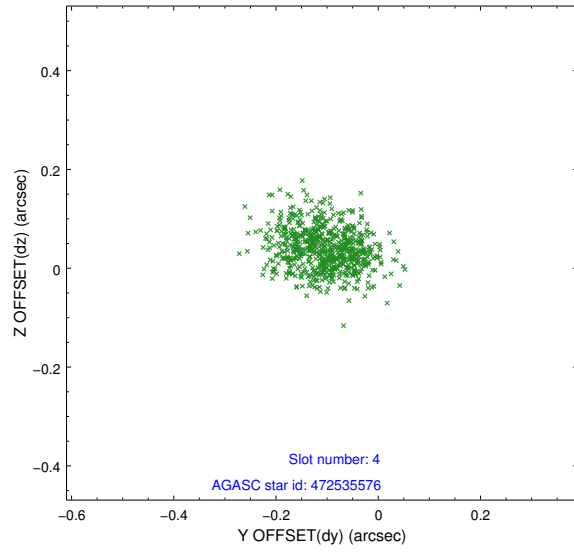
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	332	0.086	-0.144	0.007	0.013	0.000000	0.000000	-1167.62	-461.87
1	FID	HRC-S-2	7.00	332	0.213	-0.117	0.004	0.008	0.000000	0.000000	1228.64	-455.82
2	FID	HRC-S-3	7.02	332	0.091	-0.042	0.007	0.013	0.000000	0.000000	-1166.66	566.38
3	GUIDE	472523760	8.23	665	0.015	-0.103	0.062	0.098	331.645363	45.403260	1728.41	868.73
4	GUIDE	472535576	7.88	665	-0.105	0.037	0.076	0.121	331.438373	46.291802	1582.03	-2367.12
5	GUIDE	472655152	9.44	664	0.133	0.056	0.115	0.194	332.504239	45.862991	-717.13	-326.84
6	GUIDE	472665256	9.00	664	0.161	0.051	0.089	0.142	332.808125	46.195041	-1695.09	-1351.50
7	GUIDE	472527720	6.99	664	-0.204	-0.048	0.082	0.142	331.460205	45.112509	2399.55	1795.00

2.4 Star Slots

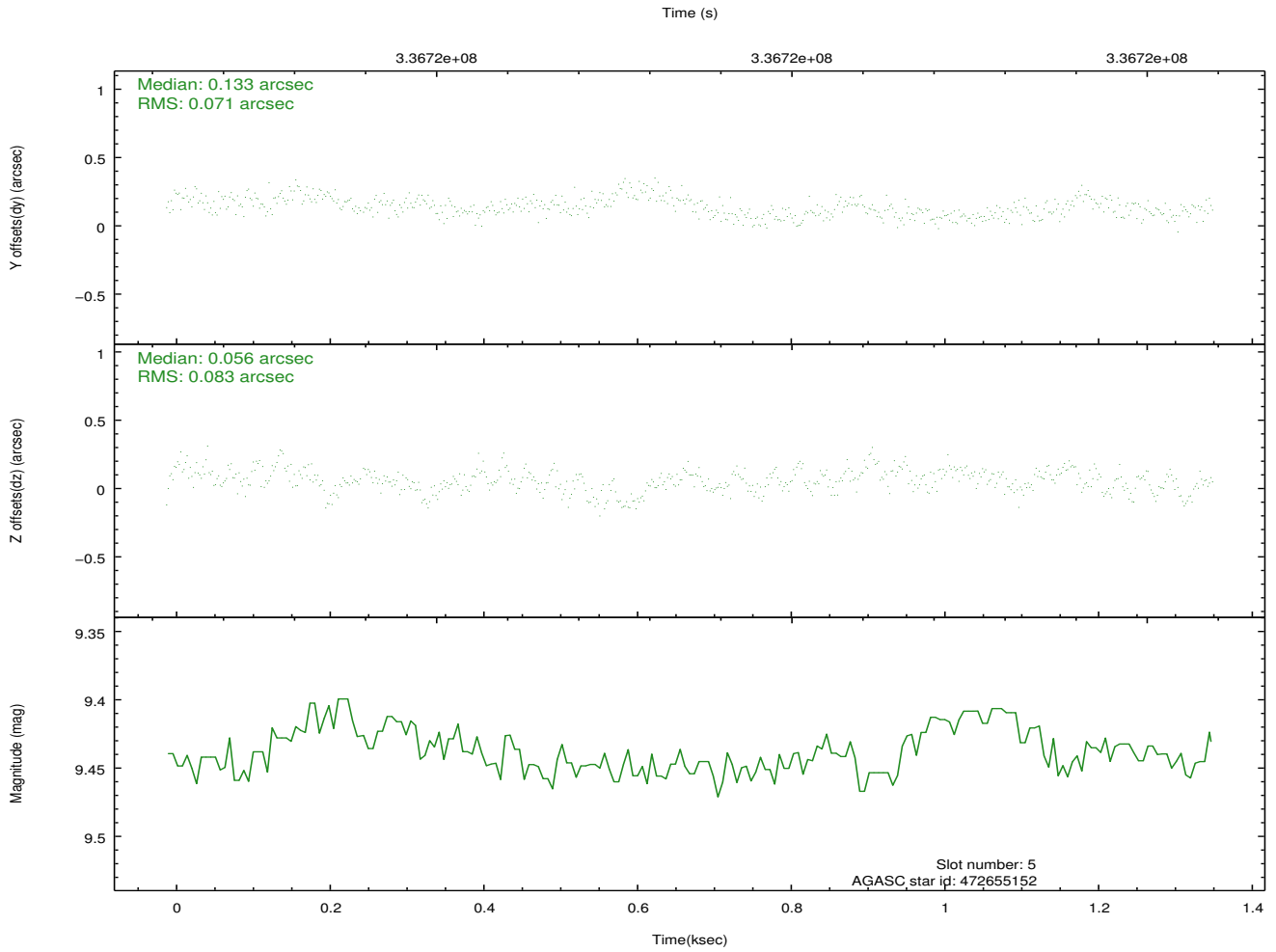
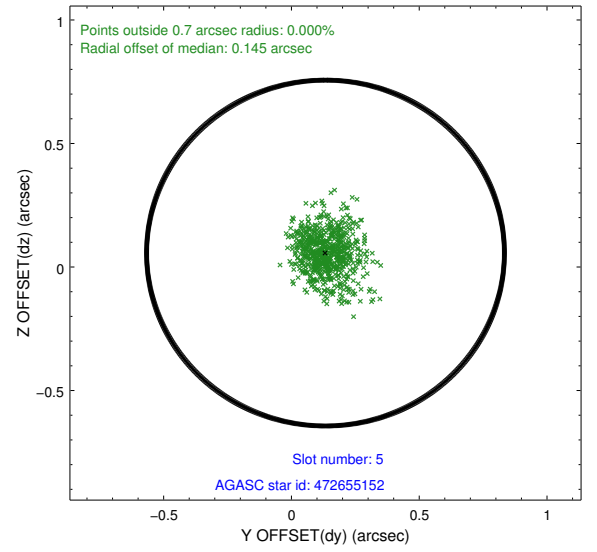
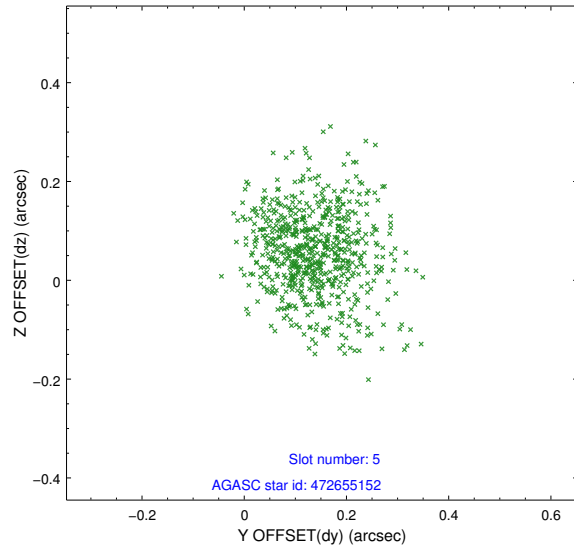
2.4.1 Slot 3



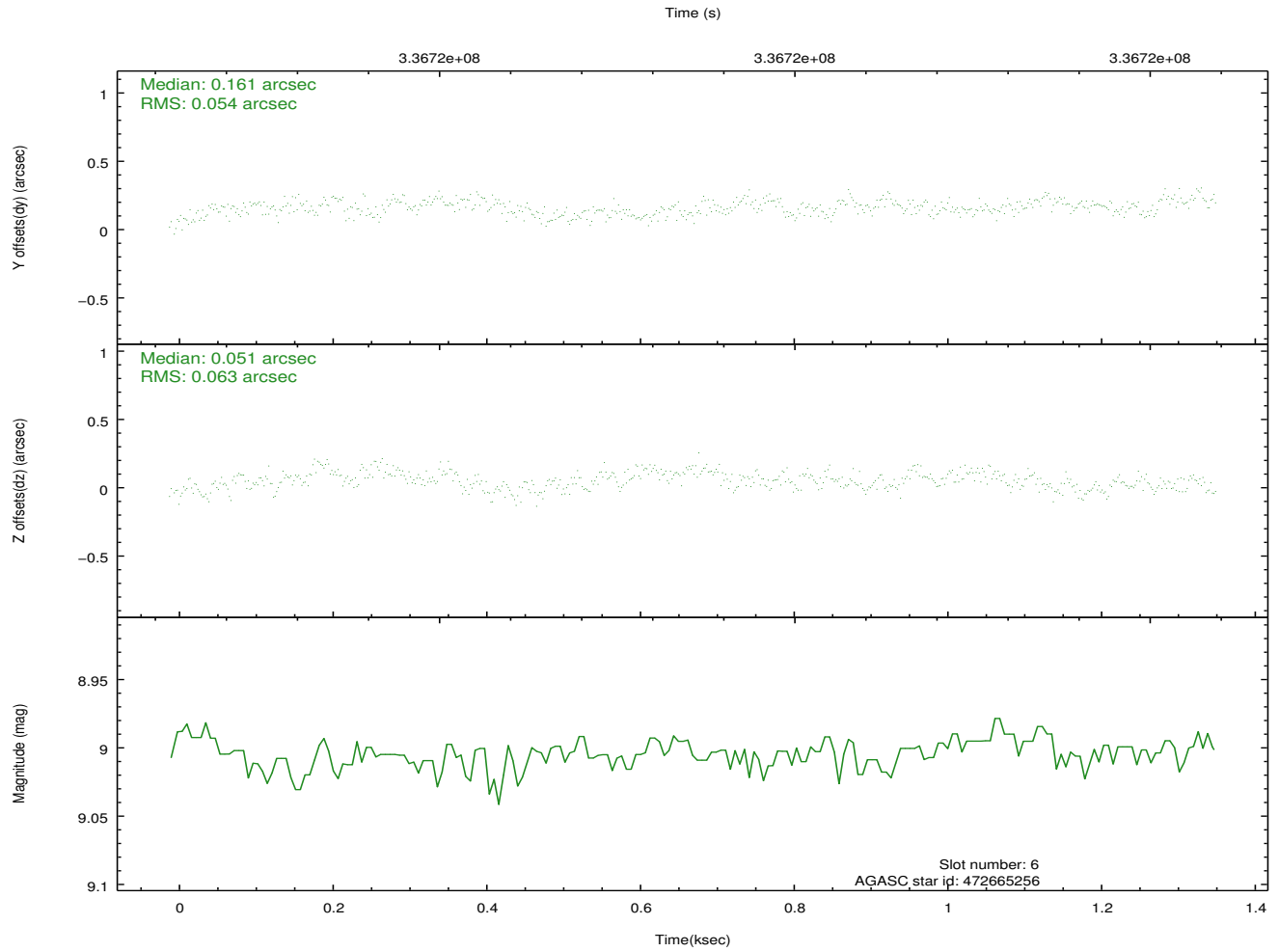
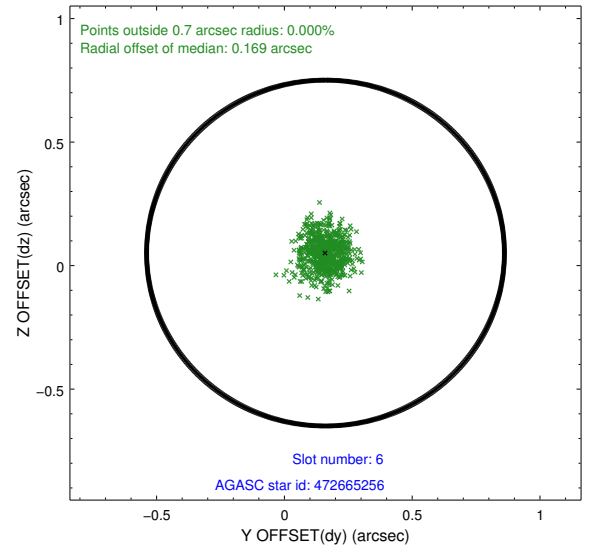
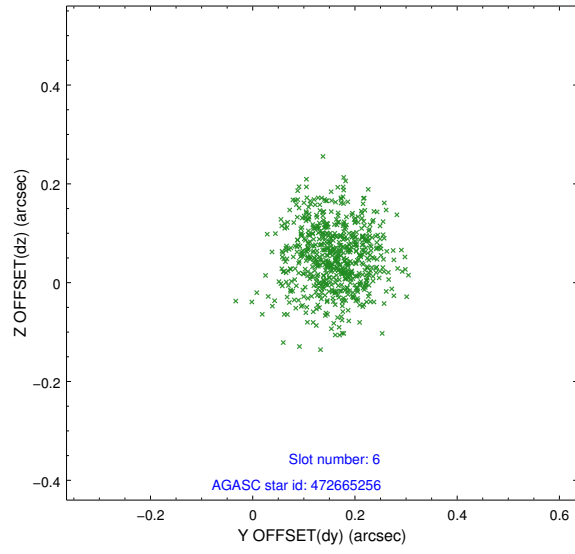
2.4.2 Slot 4



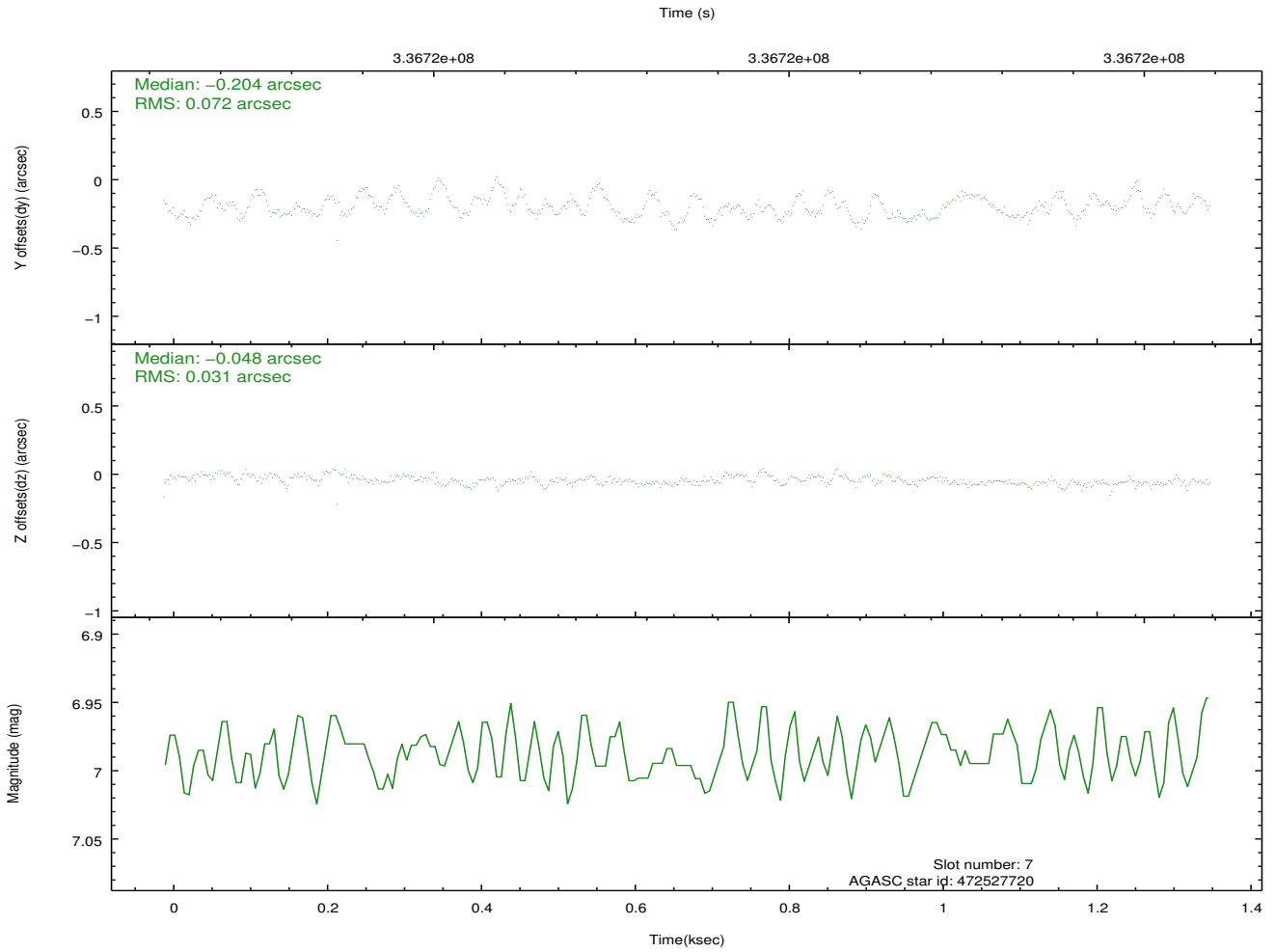
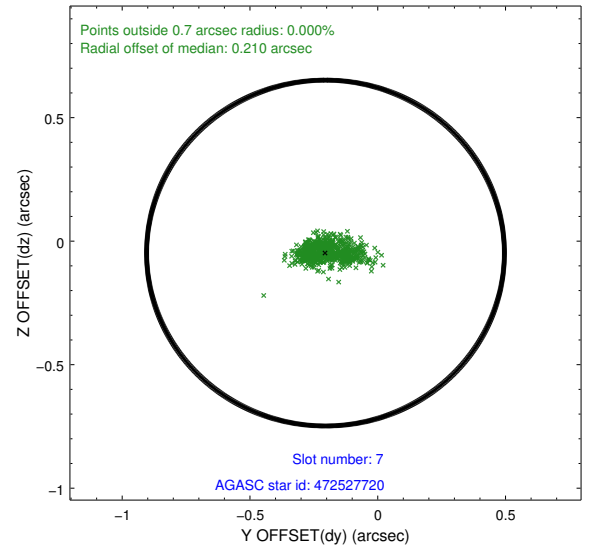
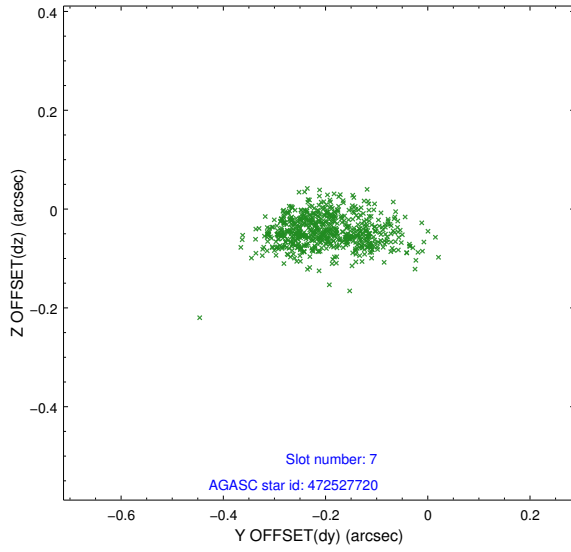
2.4.3 Slot 5



2.4.4 Slot 6

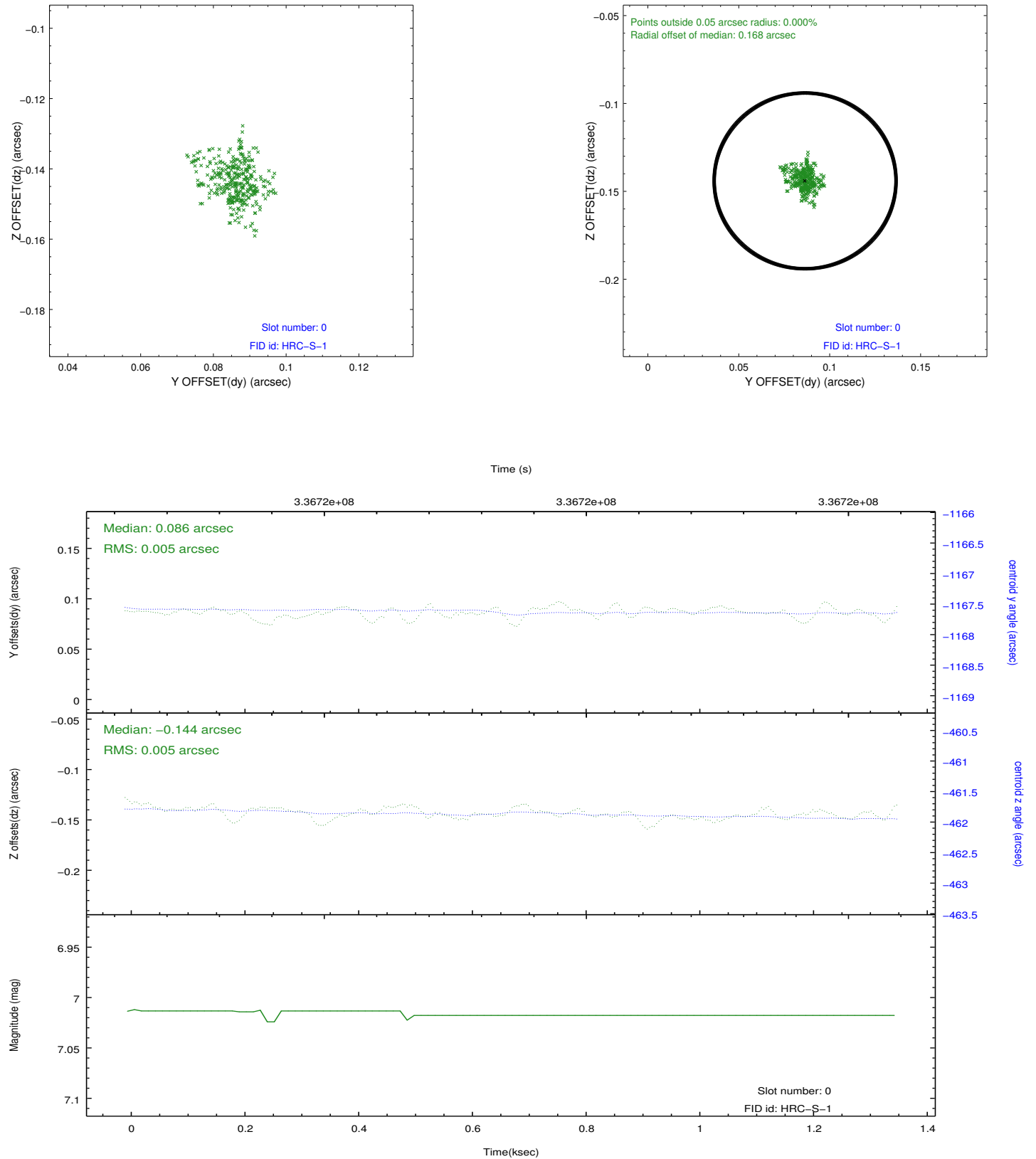


2.4.5 Slot 7

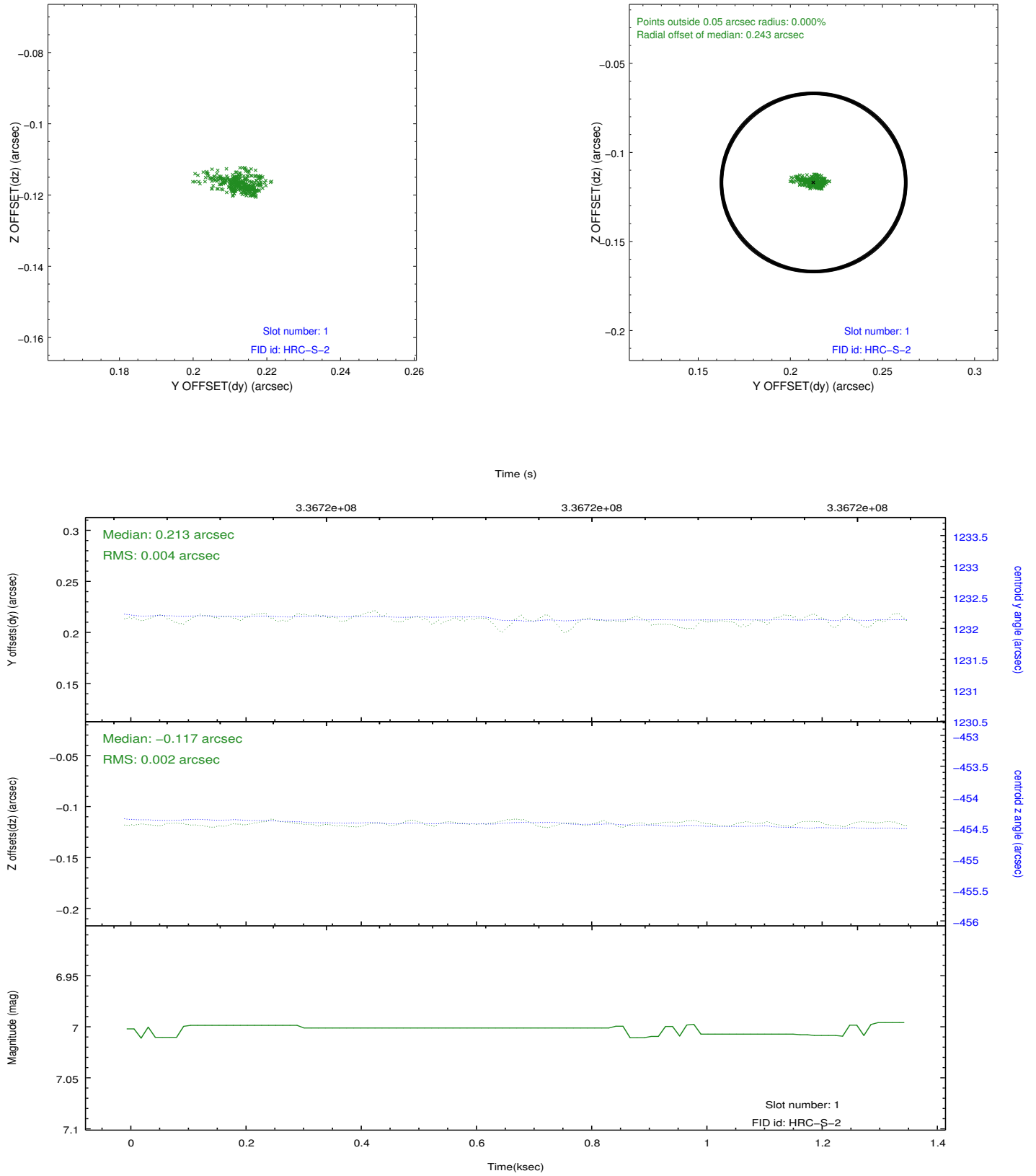


2.5 FID Slots

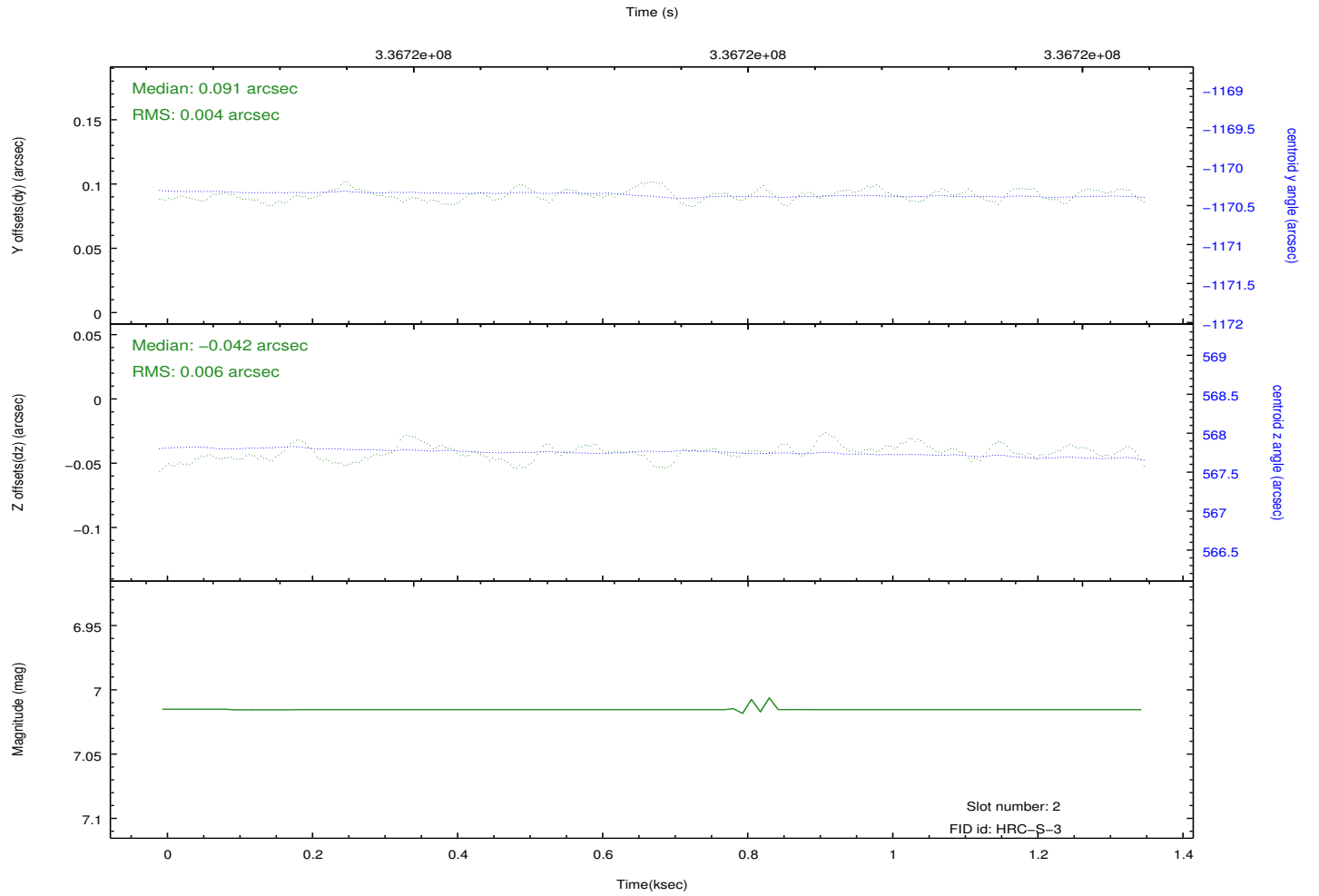
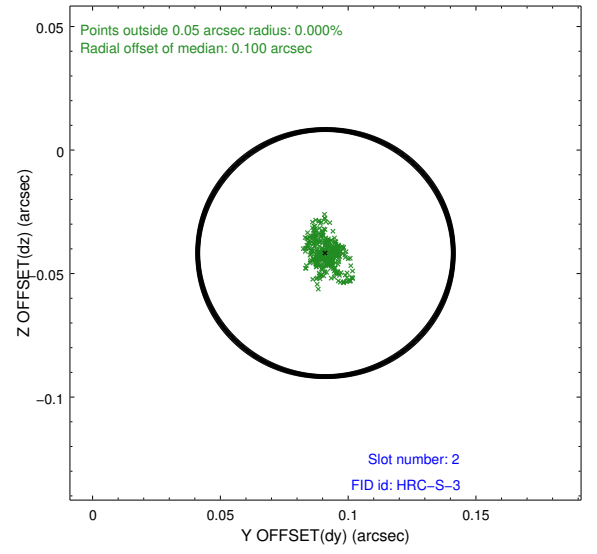
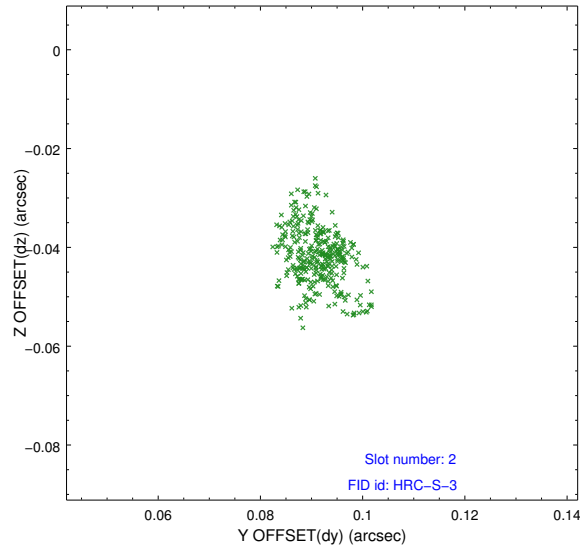
2.5.1 Slot 0



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	1.33147506

A.2 Comments