

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9671 - L2 Version 3
Chandra X-Ray Center

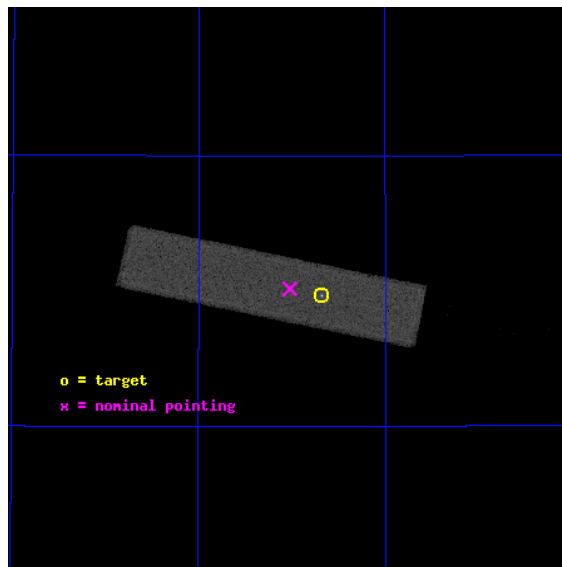
L2 Processing Date : Aug 12 2012

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1 Front

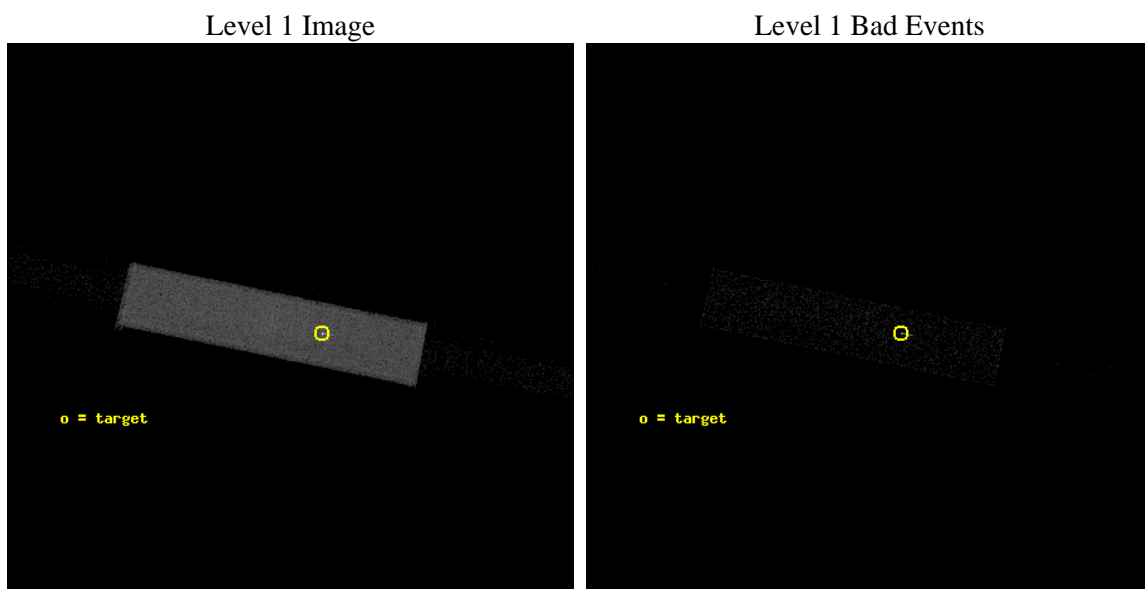
seq_num	290794	Sequence number
obs_id	9671	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.25546257167	Nominal RA [deg]
dec_nom	45.755046912293	Nominal Dec [deg]
roll_nom	191.49827303982	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1335.831315577	[s]
livetime	1323.9024107322	Ontime multiplied by DTCOR
l2events	85700	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	1335.831315577	[s]
caldsver	4.5.1.1	 	l1events	130950	Number of level 1 events
date	2012-08-12T18:23:09	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

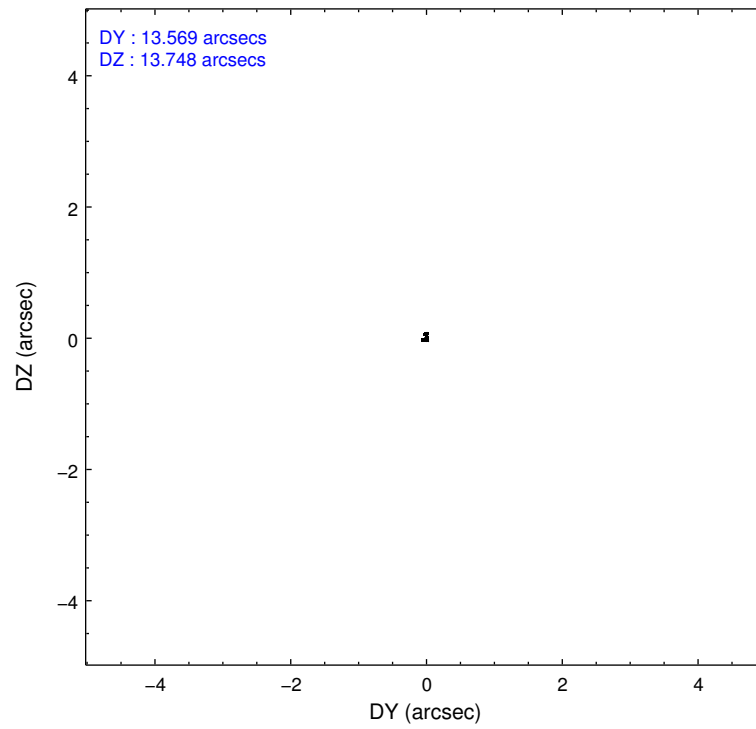
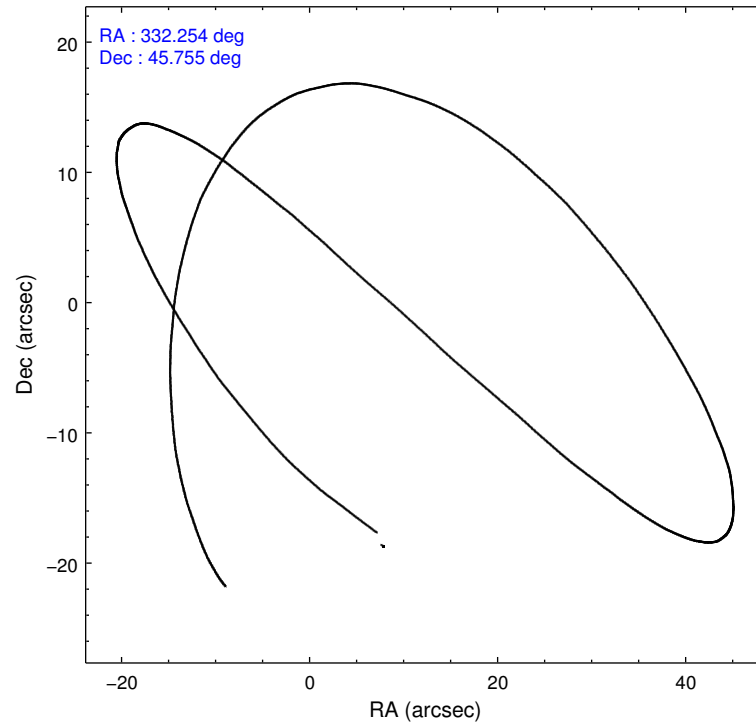
	segment 1	segment 2	segment 3
level 1 events	1003	128900	1047
rejected events	1003	26295	1037
rejected %	100%	20%	99%

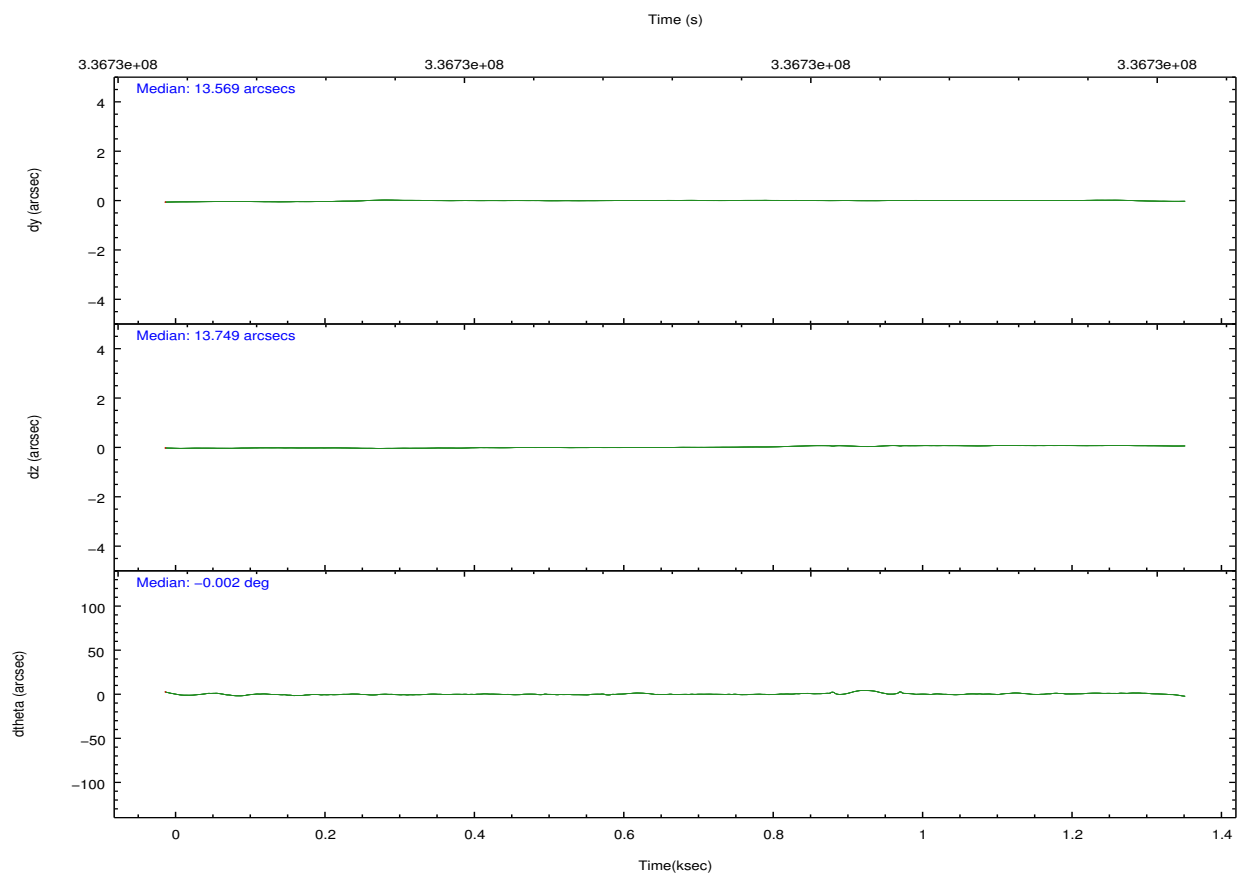
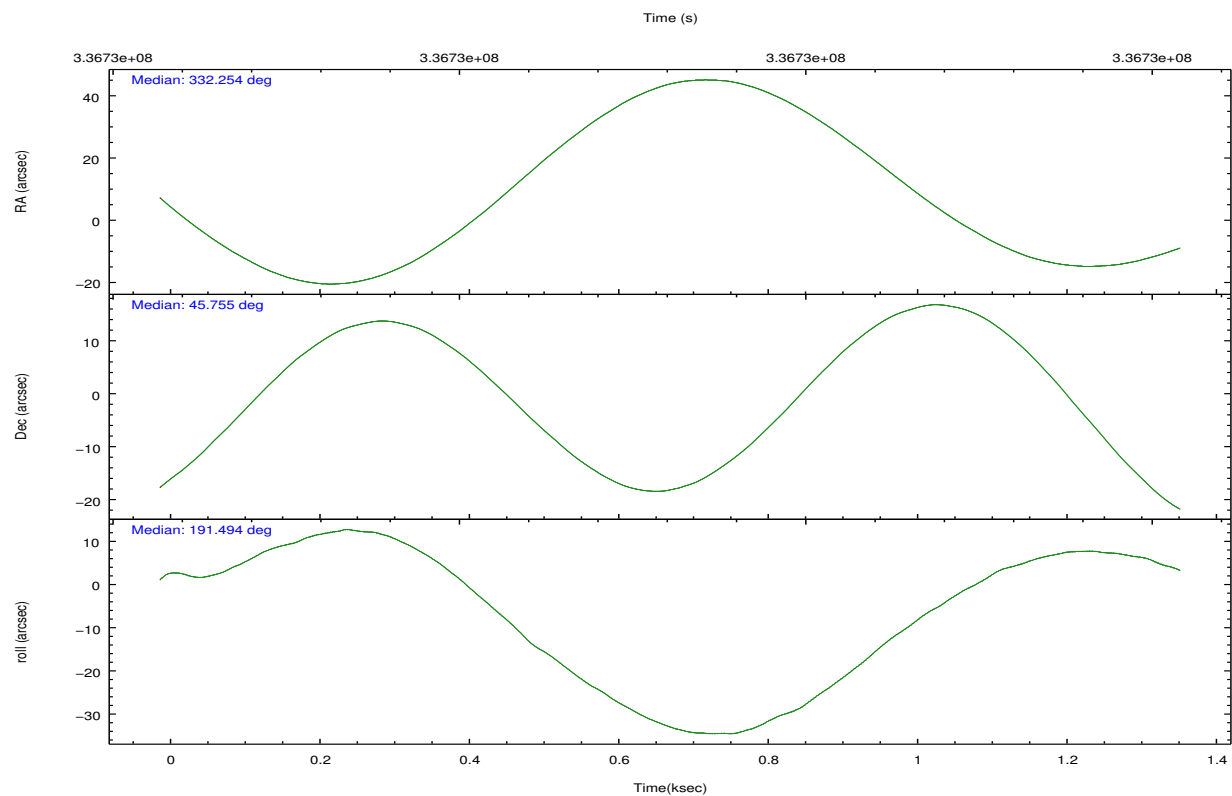
2.2 Compared Parameters

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	332.286352	332.2554625716703
[deg] Pointing Dec	45.774736	45.75504691229276
[deg] Pointing Roll	191.408705	191.4982730398179
[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)	336729803.184000	336729426.79607
Observation start date	2008-09-02T08:02:18	2008-09-02T07:57:06
[s] Observation end time (MET)	336730983.184000	336731117.02115
Observation end date	2008-09-02T08:21:58	2008-09-02T08:25:17

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

2.3 Aspect



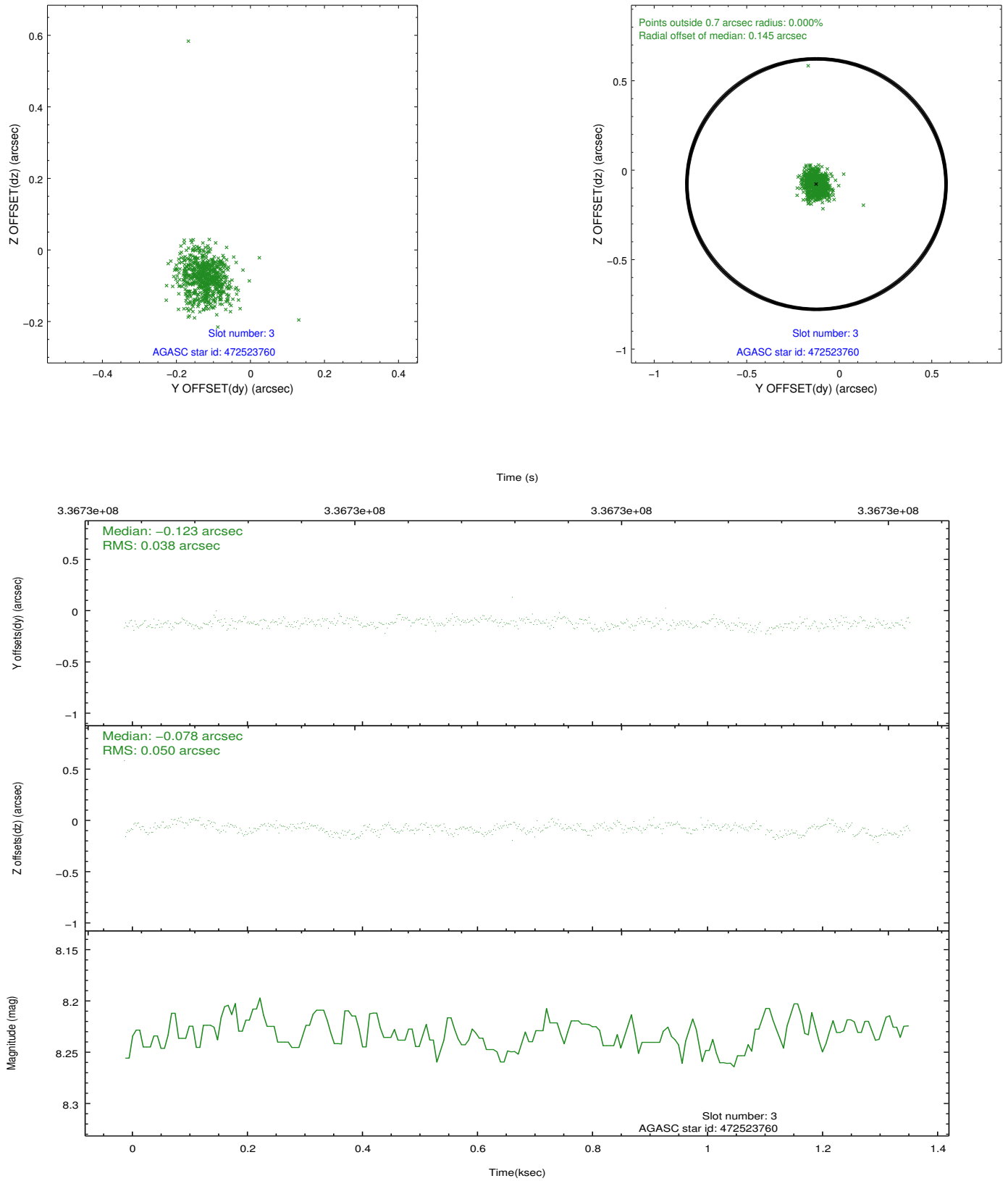


Slot Statistics

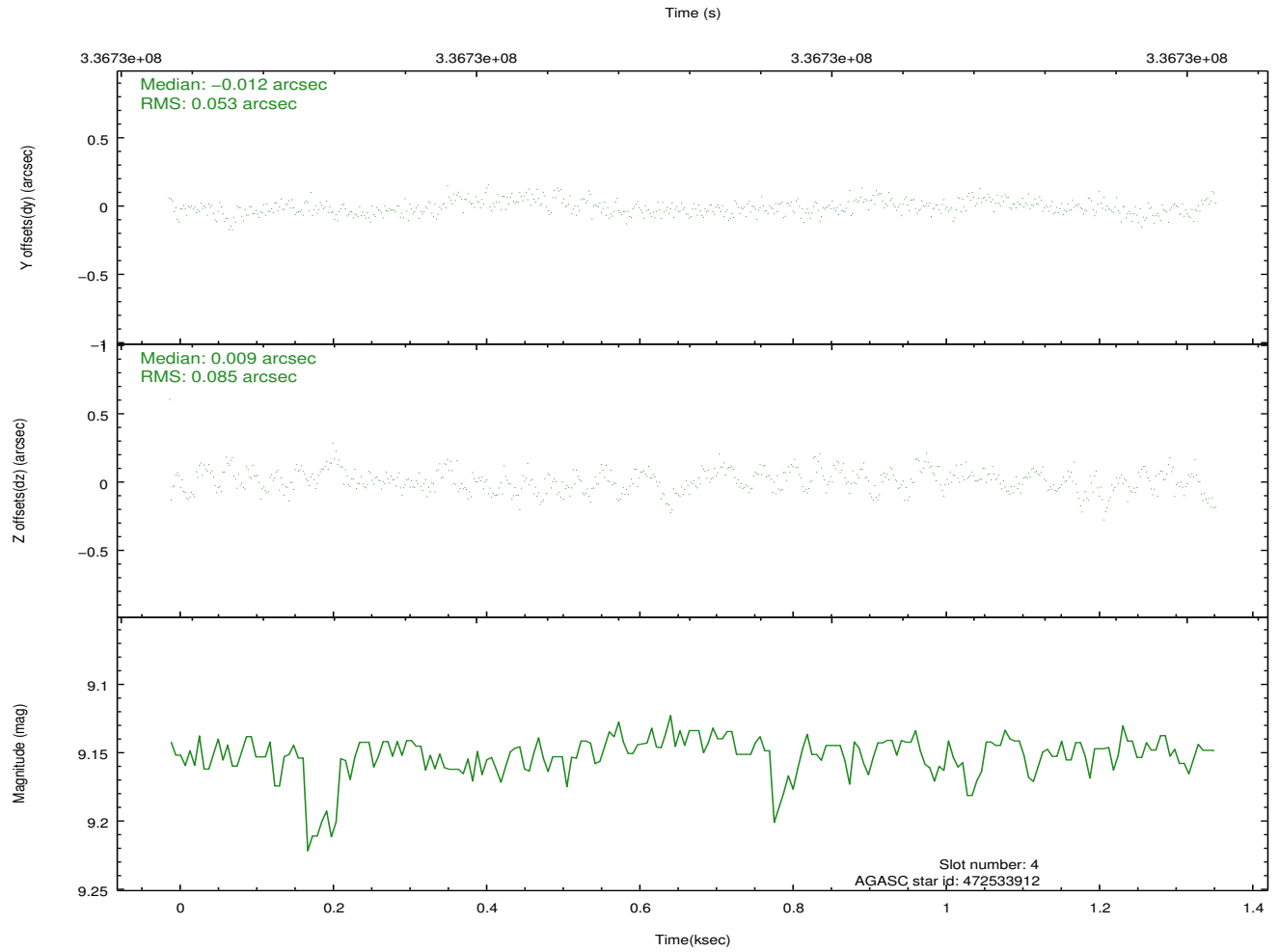
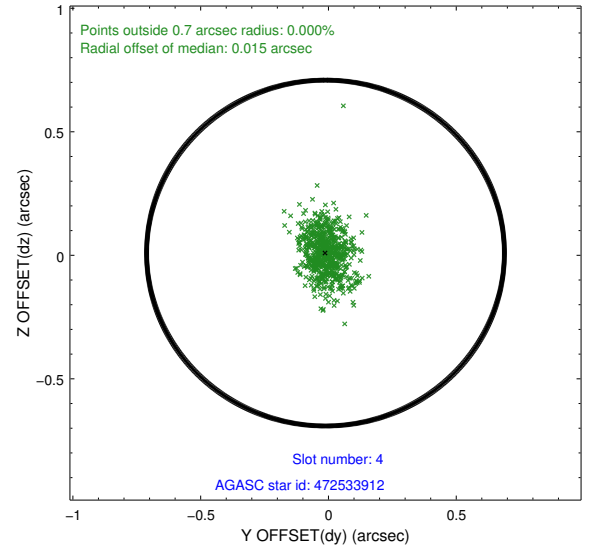
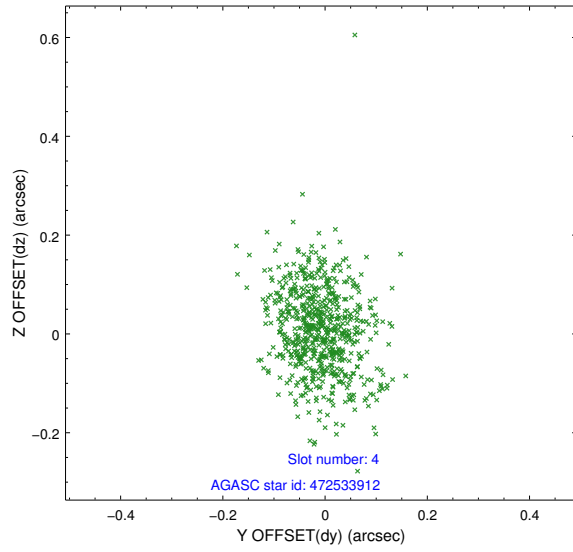
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.00	334	0.156	-0.100	0.007	0.015	0.000000	0.000000	1231.80	-455.19
1	FID	HRC-S-3	7.02	334	0.030	-0.090	0.005	0.010	0.000000	0.000000	-1166.99	565.69
2	FID	HRC-S-4	6.96	333	0.220	-0.106	0.008	0.014	0.000000	0.000000	1226.97	571.22
3	GUIDE	472523760	8.23	661	-0.123	-0.078	0.060	0.098	331.645363	45.403260	1848.37	986.40
4	GUIDE	472533912	9.15	667	-0.012	0.009	0.105	0.173	331.791136	46.368695	782.28	-2339.23
5	GUIDE	472535576	7.88	666	-0.129	0.056	0.064	0.107	331.438373	46.291802	1695.75	-2253.95
6	GUIDE	472655152	9.45	666	0.090	0.026	0.112	0.174	332.504239	45.862991	-598.70	-205.17
7	GUIDE	472665256	9.00	666	0.169	-0.013	0.084	0.141	332.808125	46.195041	-1578.18	-1228.36

2.4 Star Slots

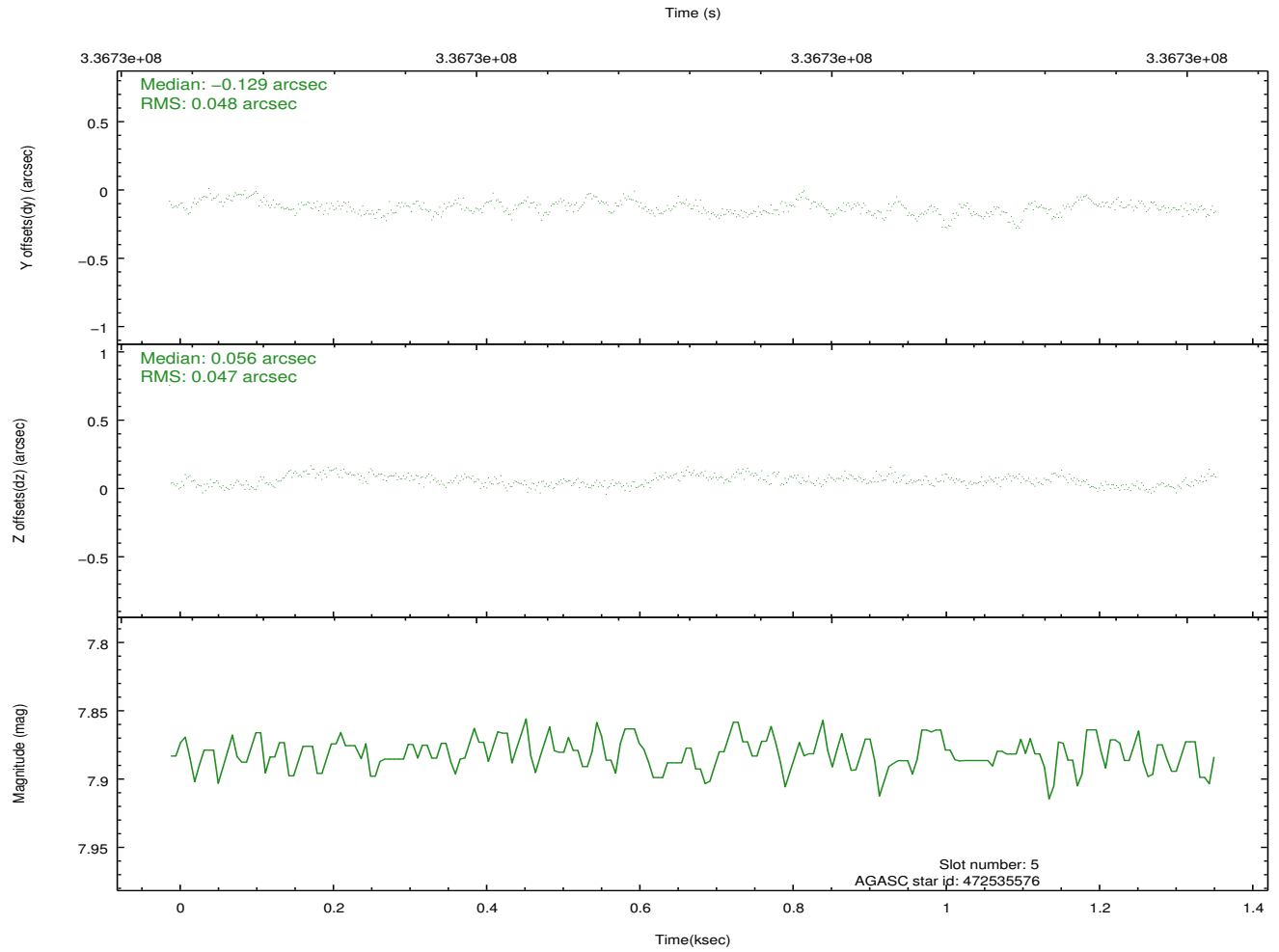
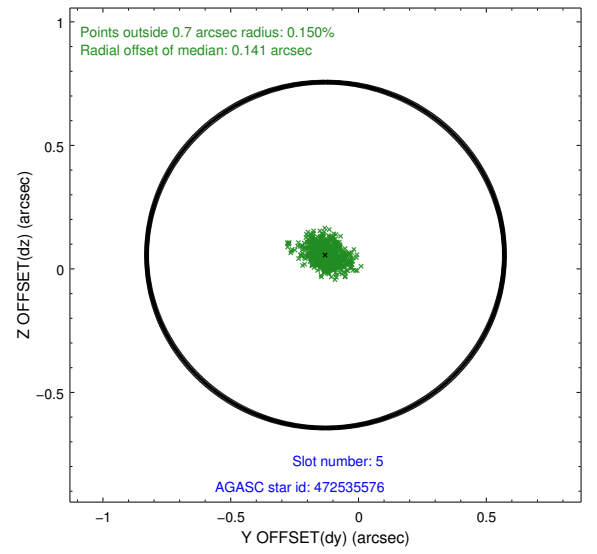
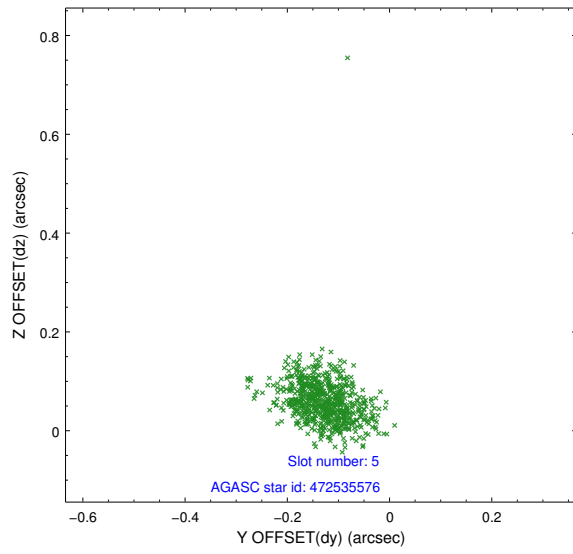
2.4.1 Slot 3



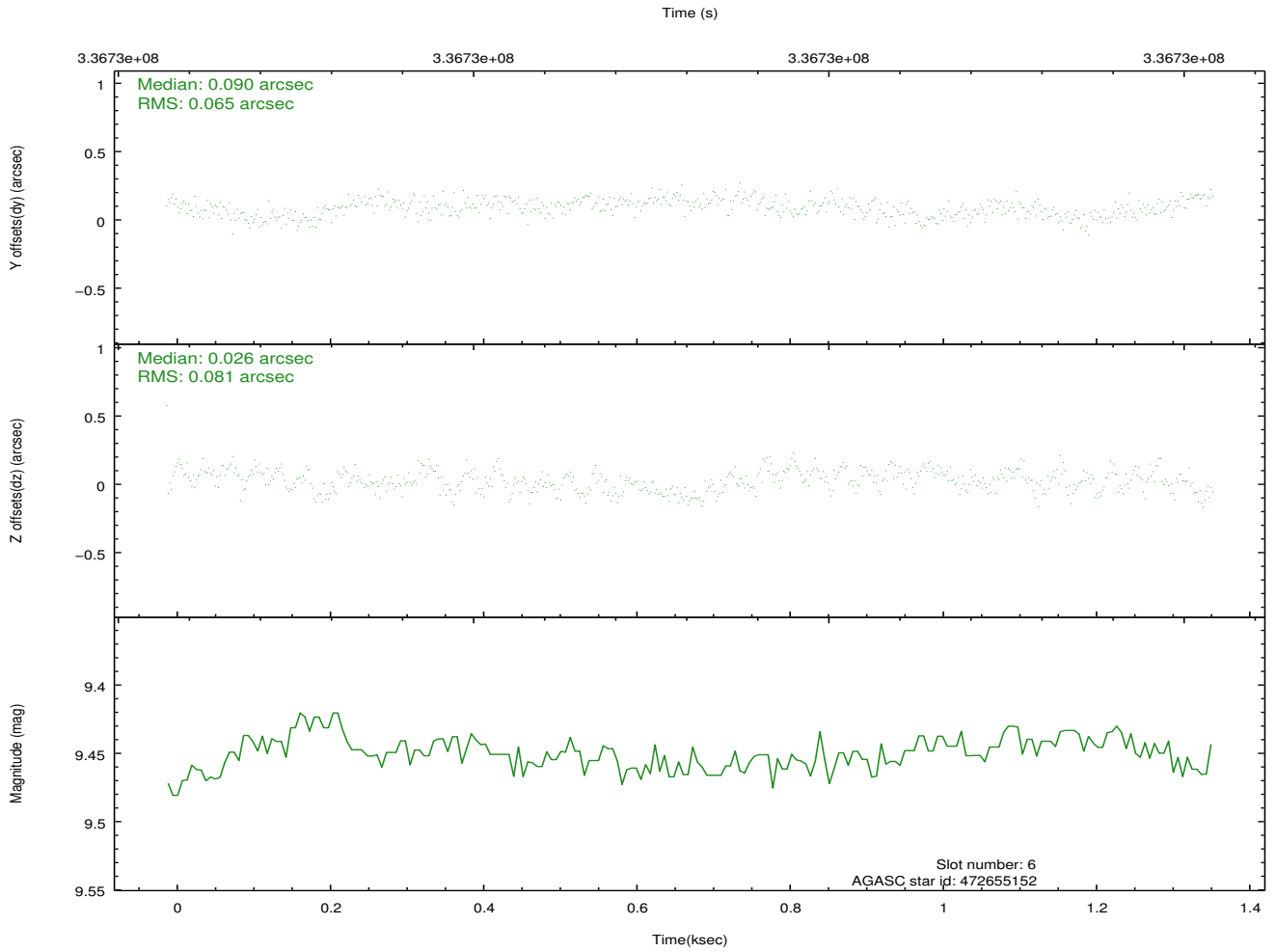
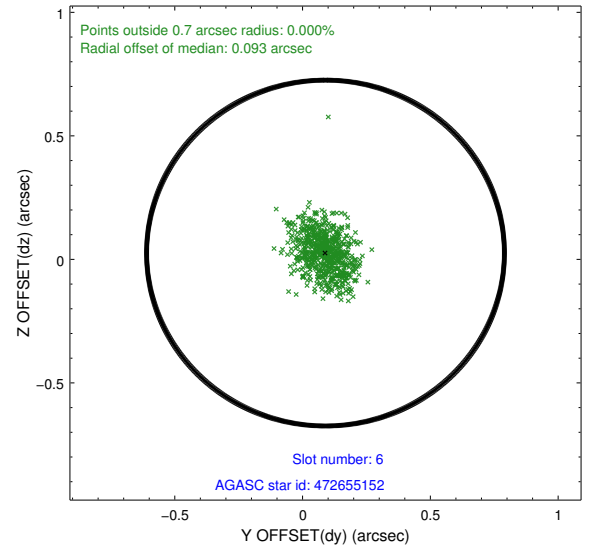
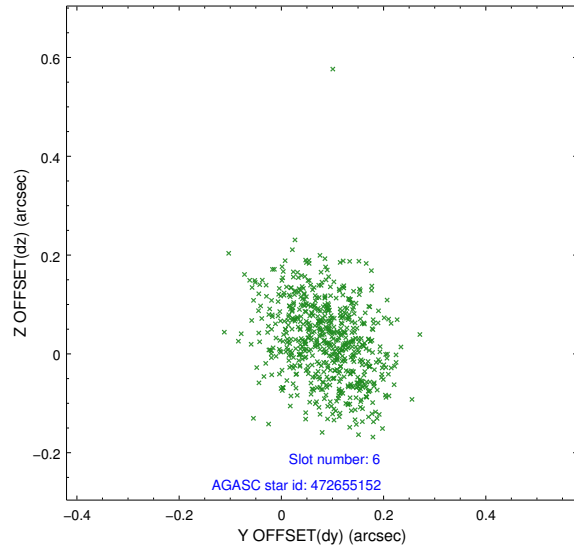
2.4.2 Slot 4



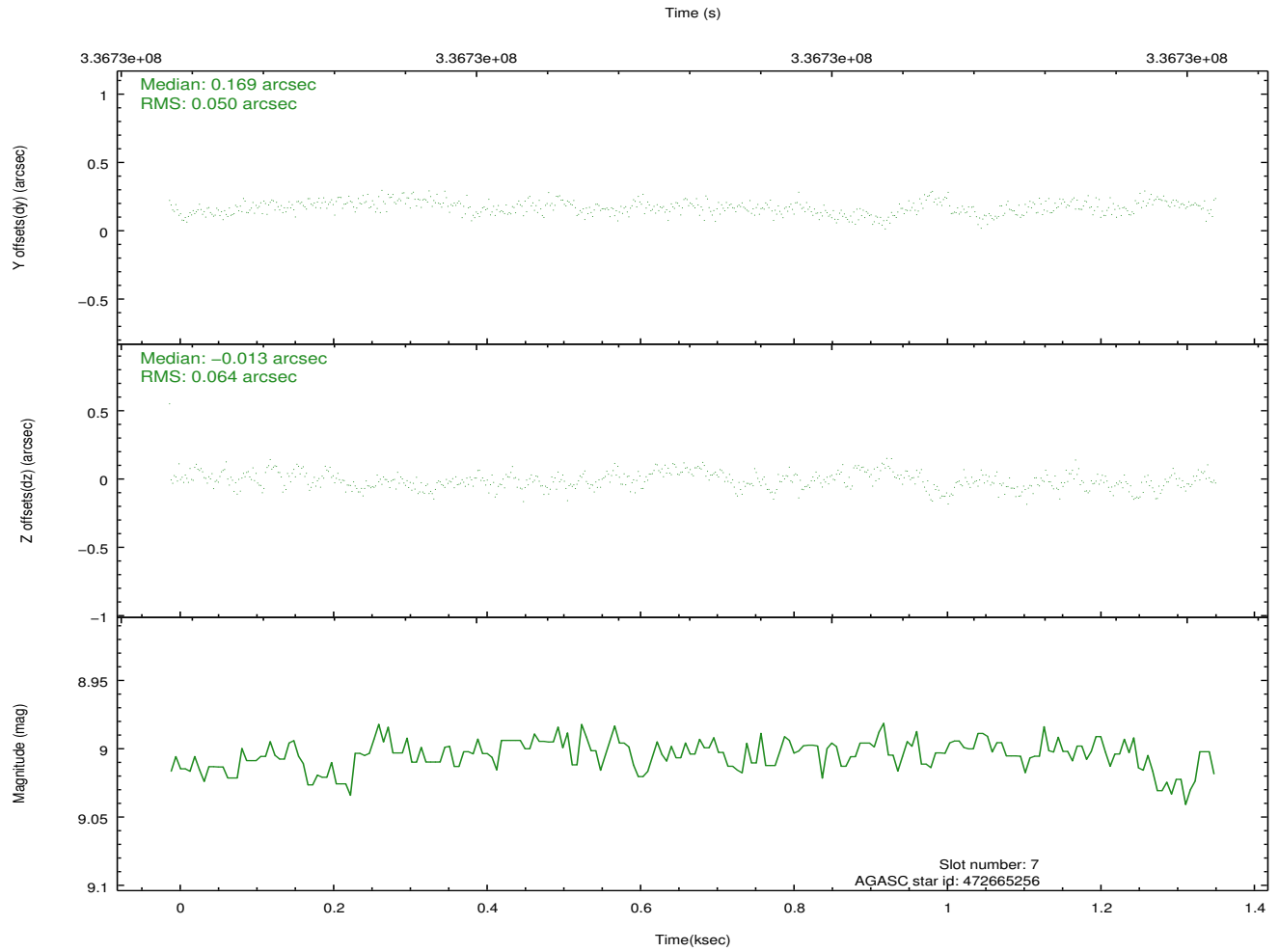
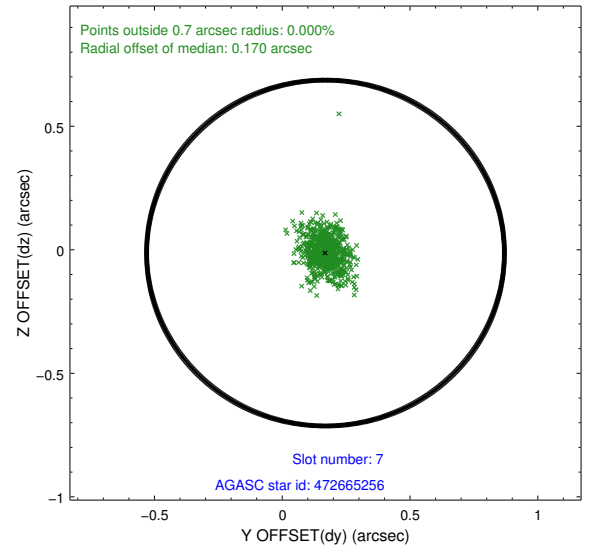
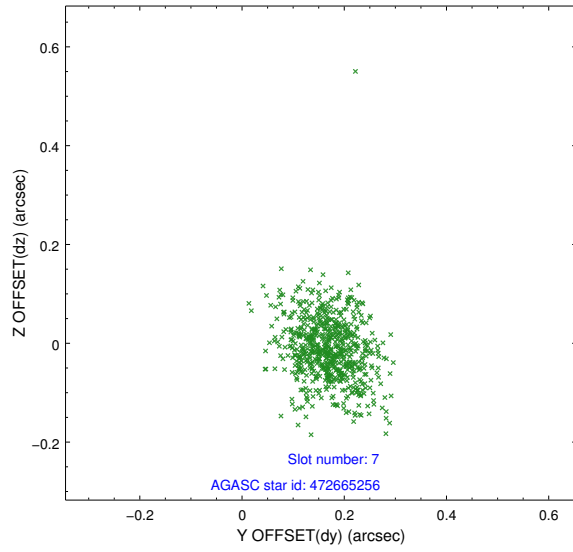
2.4.3 Slot 5



2.4.4 Slot 6

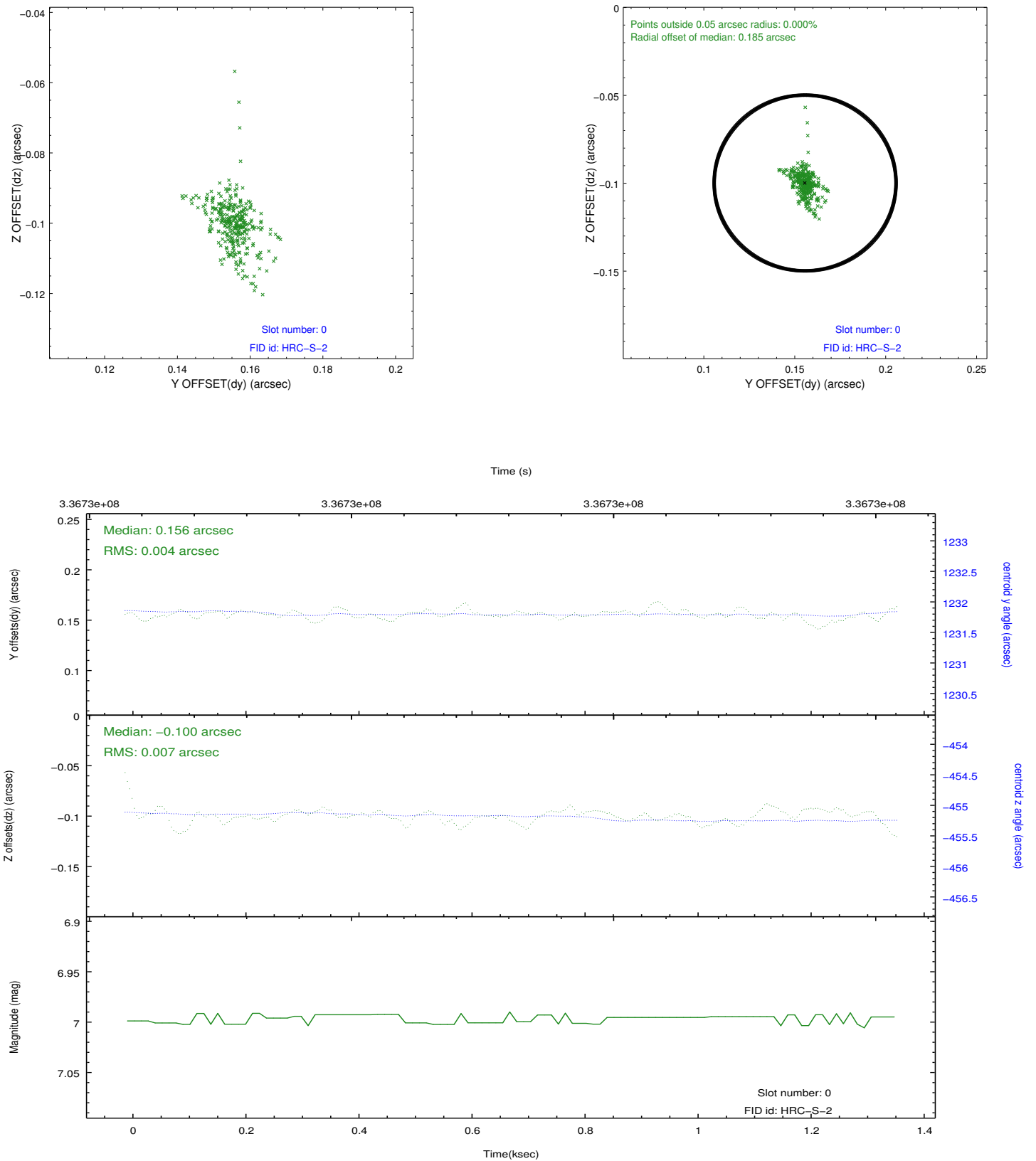


2.4.5 Slot 7

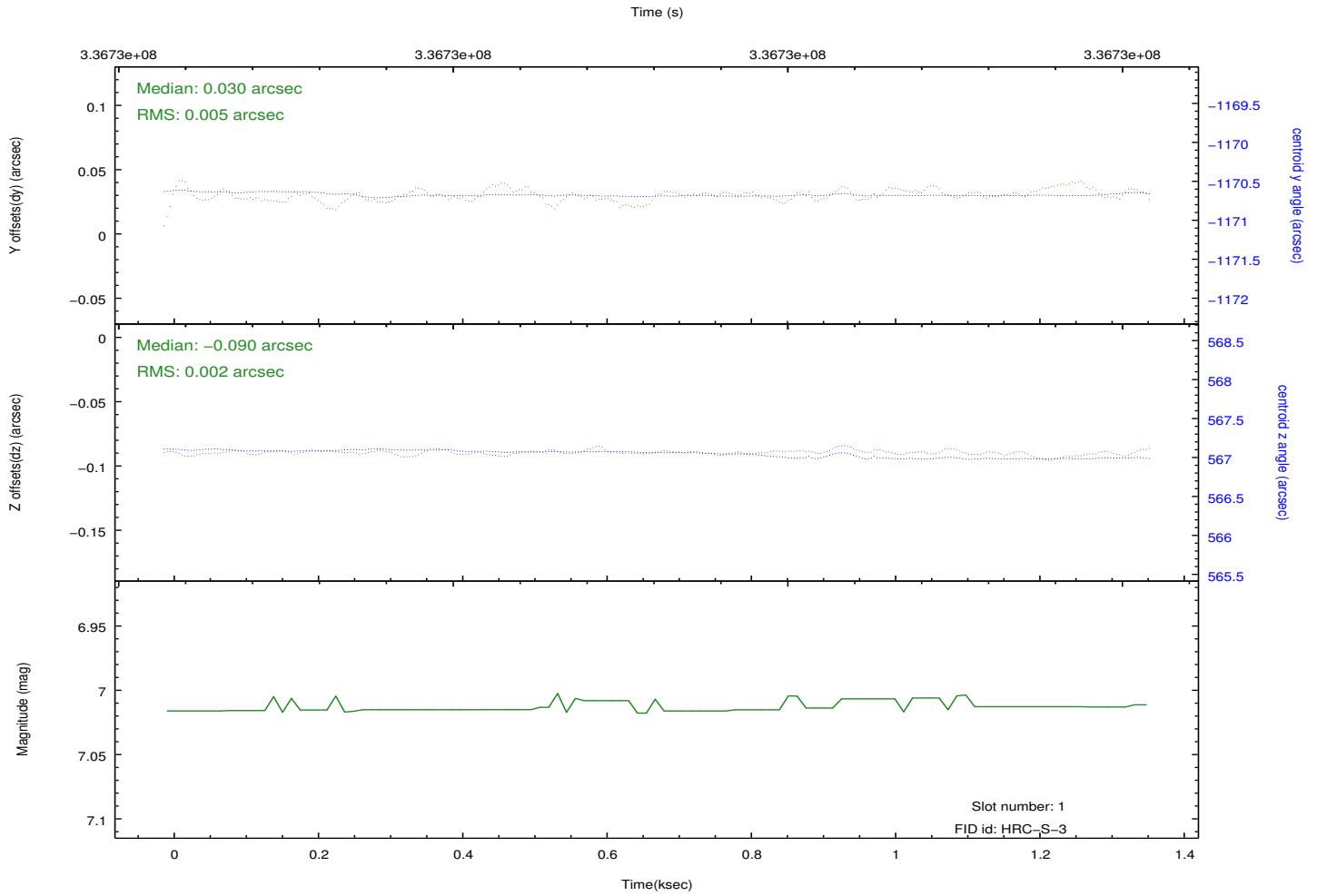
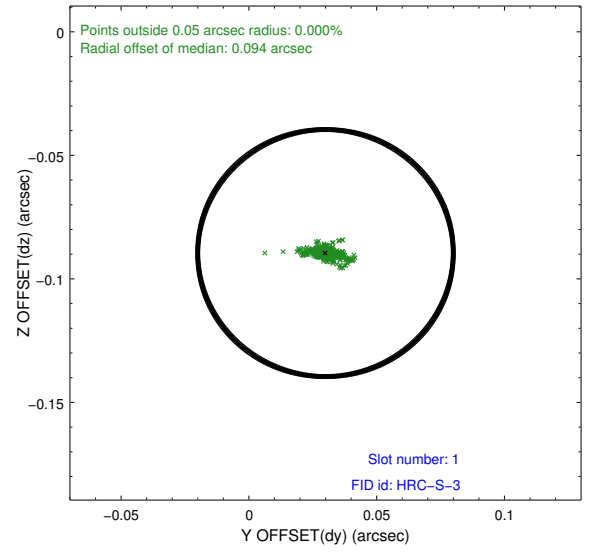
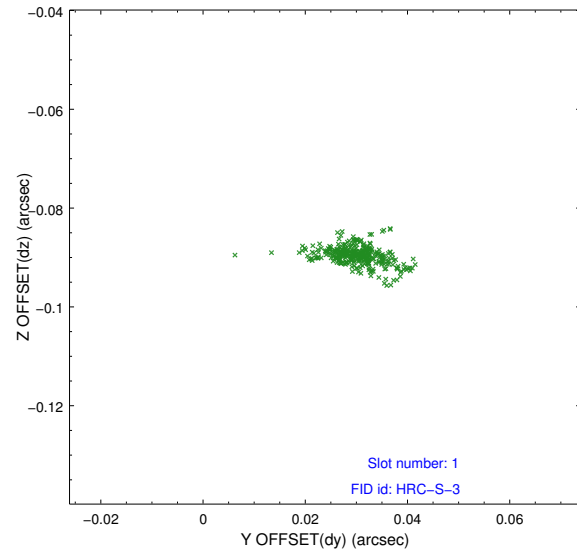


2.5 FID Slots

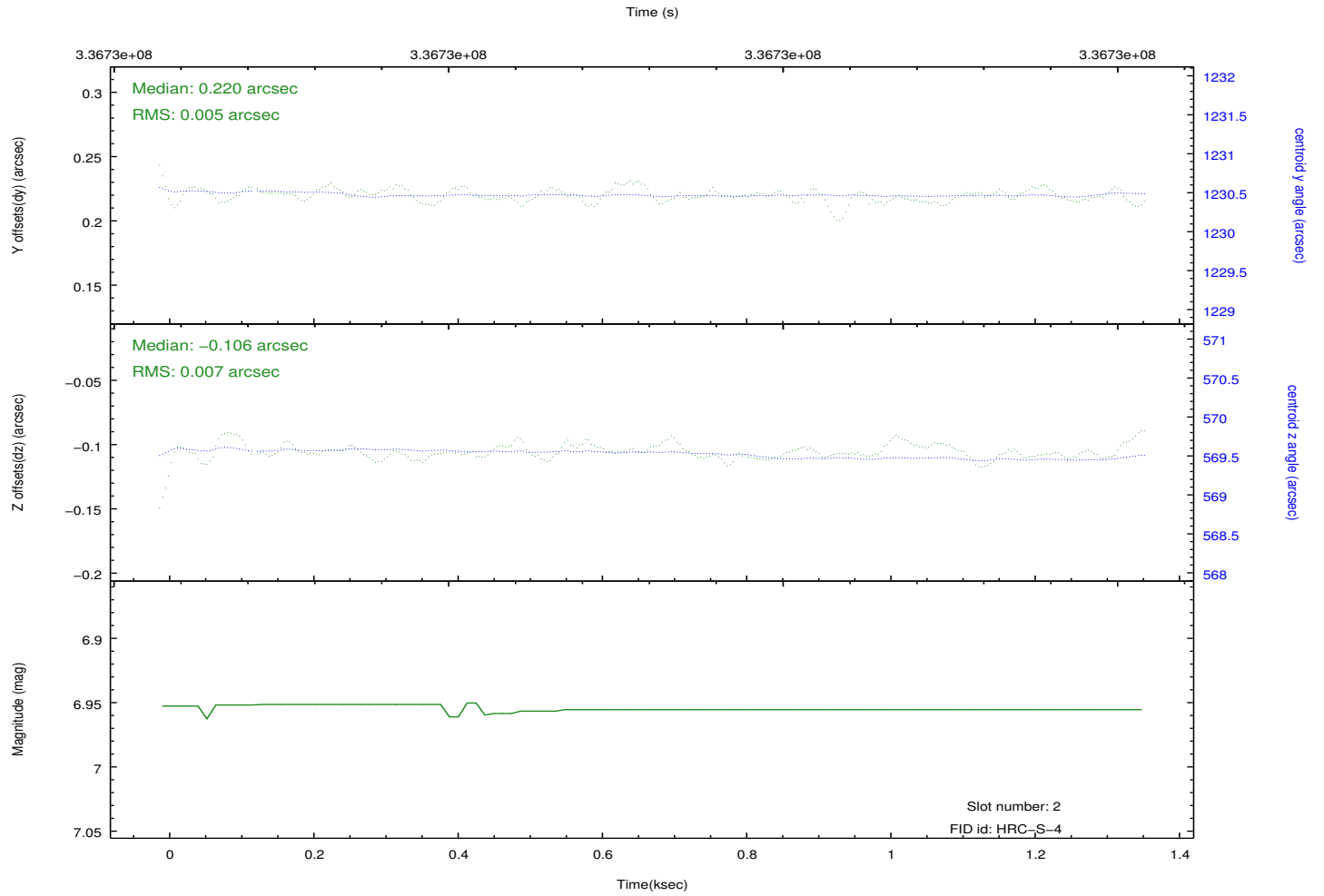
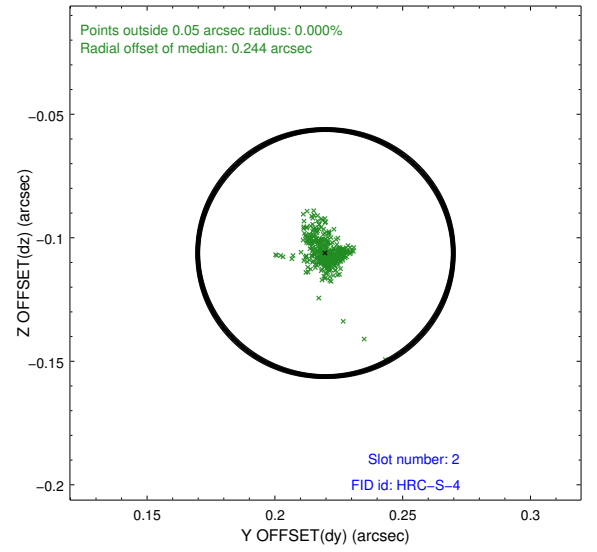
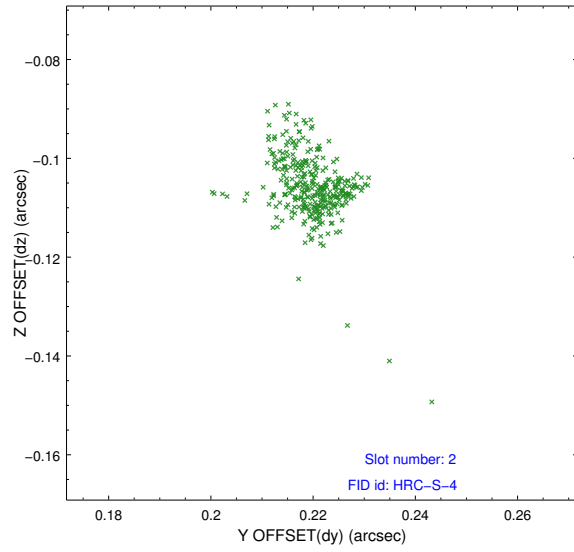
2.5.1 Slot 0



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	1.33583131

A.2 Comments