

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 16376 - L2 Version 1
Chandra X-Ray Center

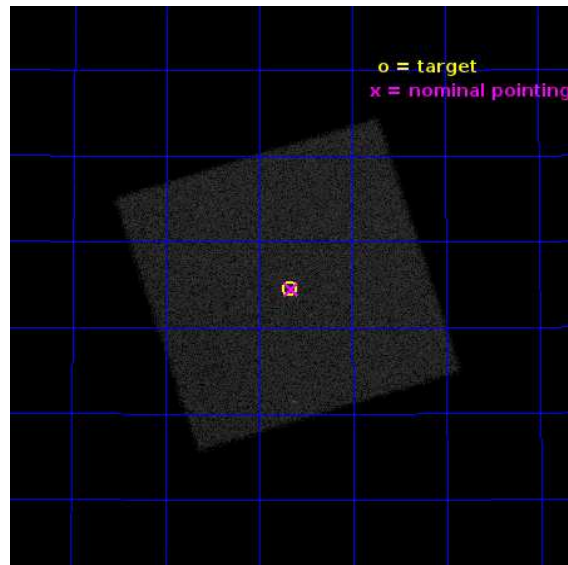
L2 Processing Date : Sep 16 2014

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1 Front

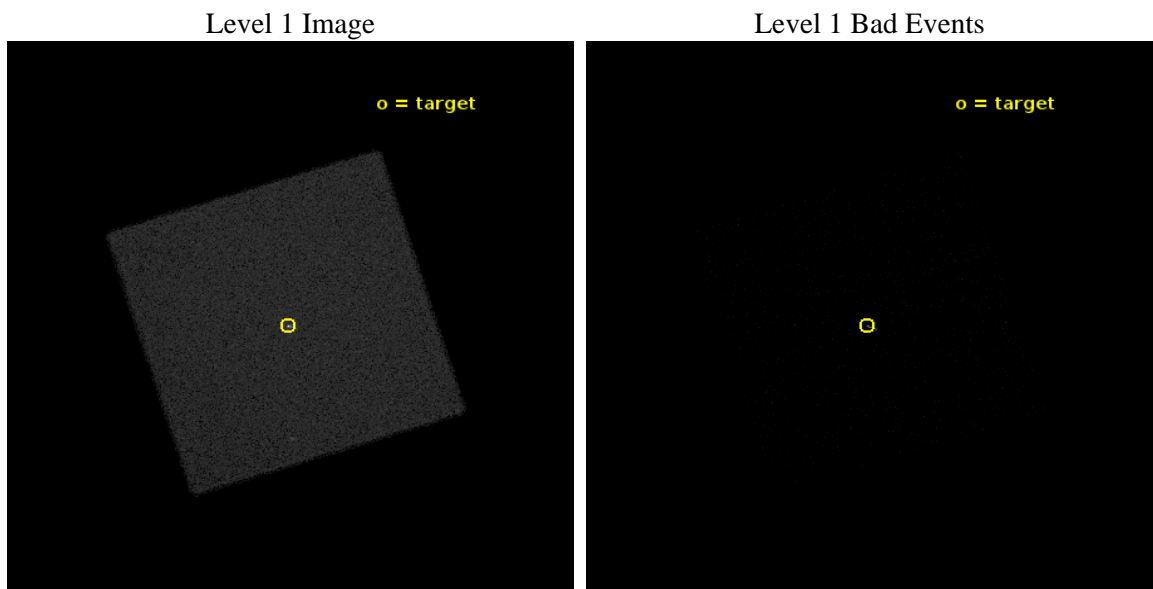
seq_num	291148	Sequence number
obs_id	16376	Observation id
title	AO-15 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.16408147379	Nominal RA [deg]
dec_nom	45.741919396392	Nominal Dec [deg]
roll_nom	207.38081288869	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3150.0814250708	[s]
livetime	3125.1803838367	Ontime multiplied by DTCOR
l2events	201438	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	3000.000000	[s] Scheduled observation exposure time
ascdsver	10.2.4	Processing system revision	ontime	3150.0814250708	[s]
caldsver	4.6.3	 	l1events	348133	Number of level 1 events
date	2014-09-16T19:55:30	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

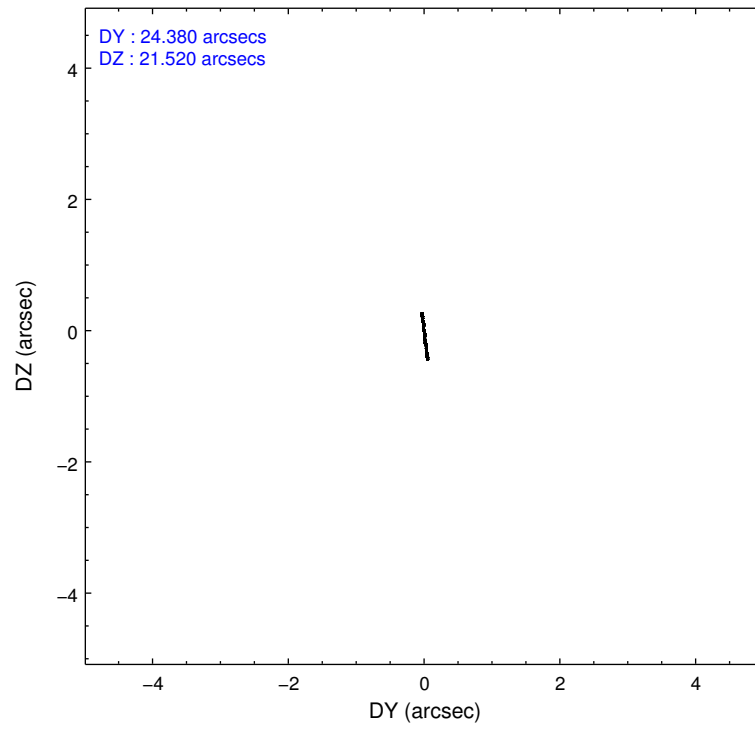
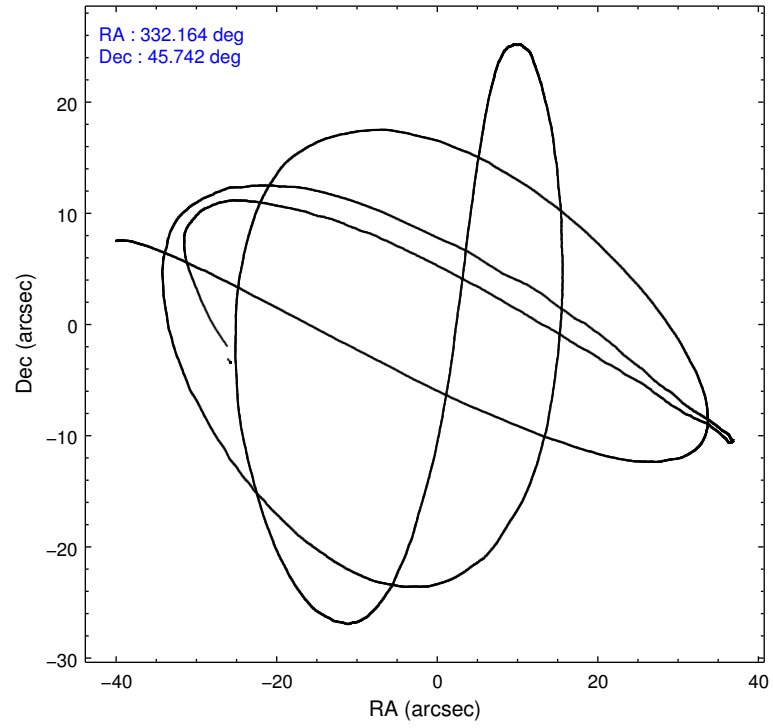
	segment 0
level 1 events	348133
rejected events	81701
rejected %	23%

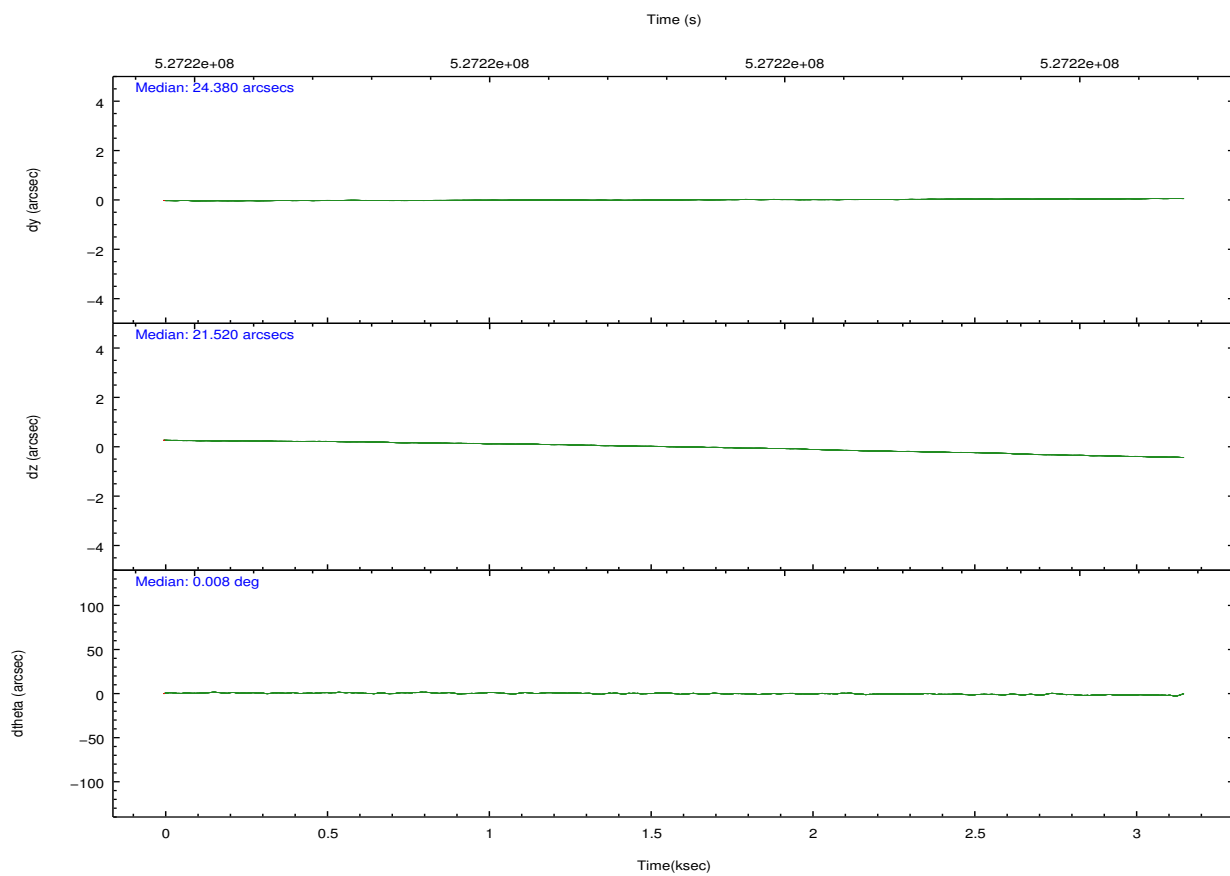
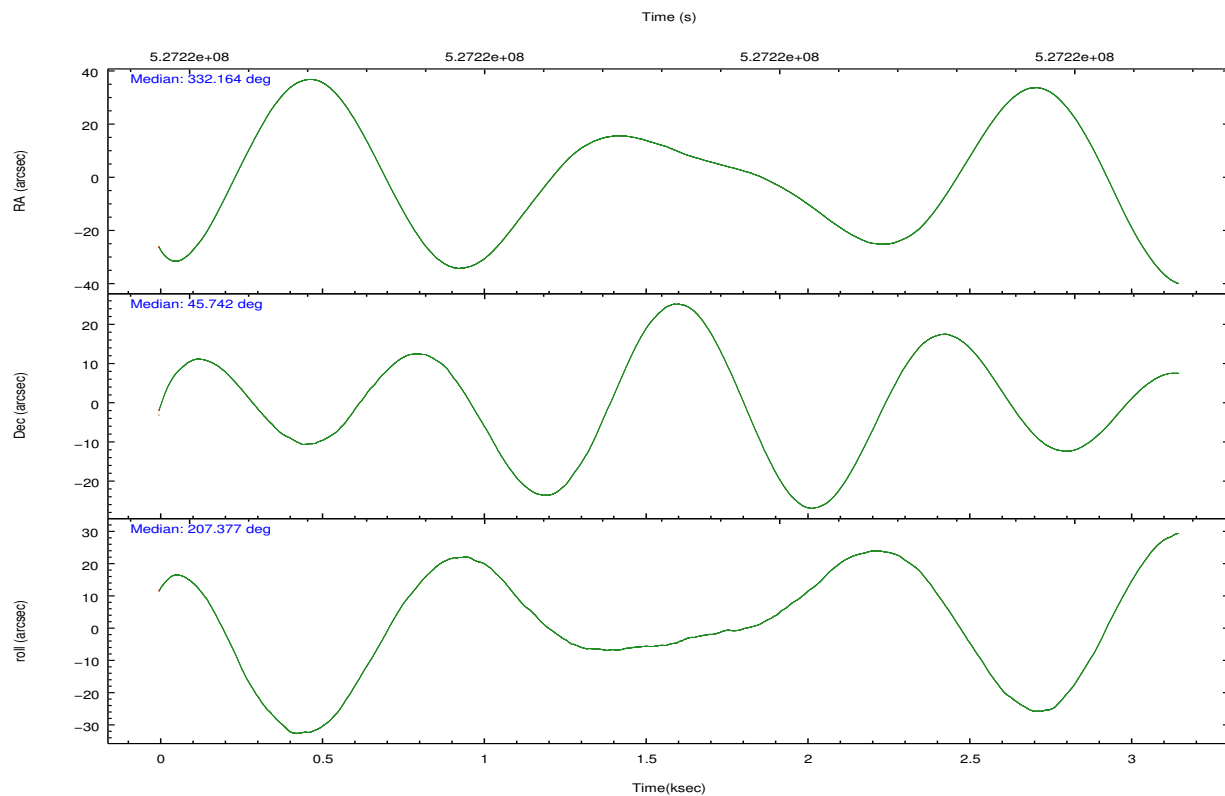
2.2 Compared Parameters

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	332.184222	332.1640814737889
[deg] Pointing Dec	45.765124	45.74191939639228
[deg] Pointing Roll	207.461851	207.380812888693
[s] Window start time (MET)	523238467.184000	523238467.184000
[s] Window stop time (MET)	531100867.184000	531100867.184000
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	527221201.184000	527220183.4755
Observation start date	2014-09-16T02:18:54	2014-09-16T02:03:03
[s] Observation end time (MET)	527224201.184000	527224335.23823
Observation end date	2014-09-16T03:08:54	2014-09-16T03:12:15

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

2.3 Aspect



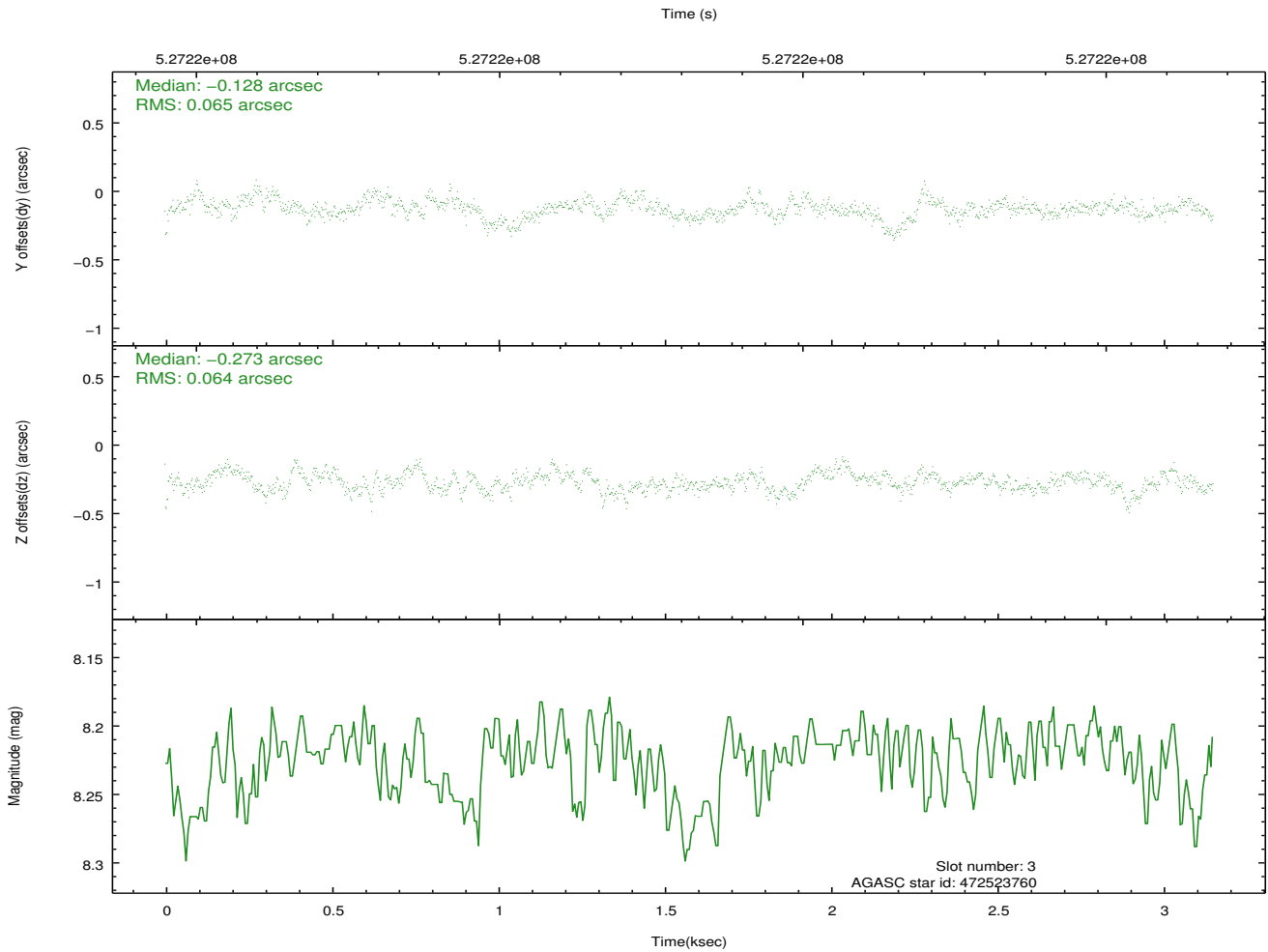
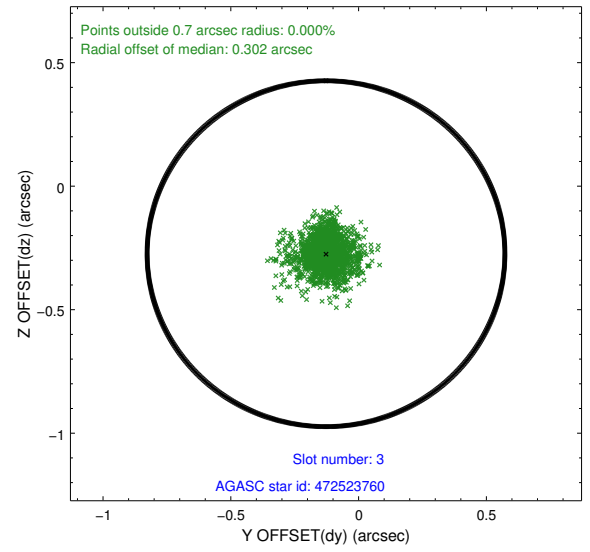
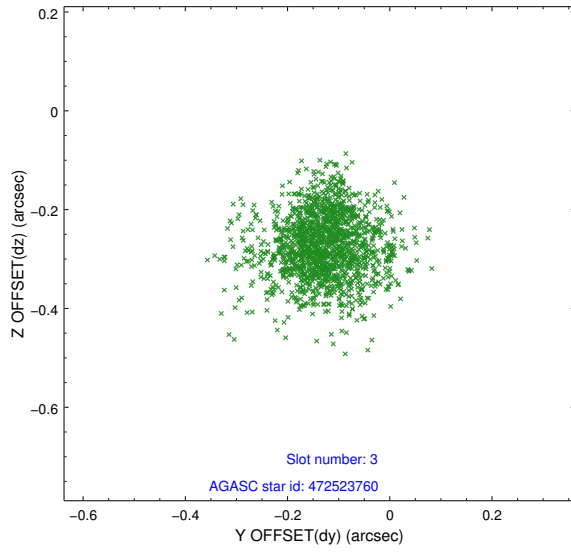


Slot Statistics

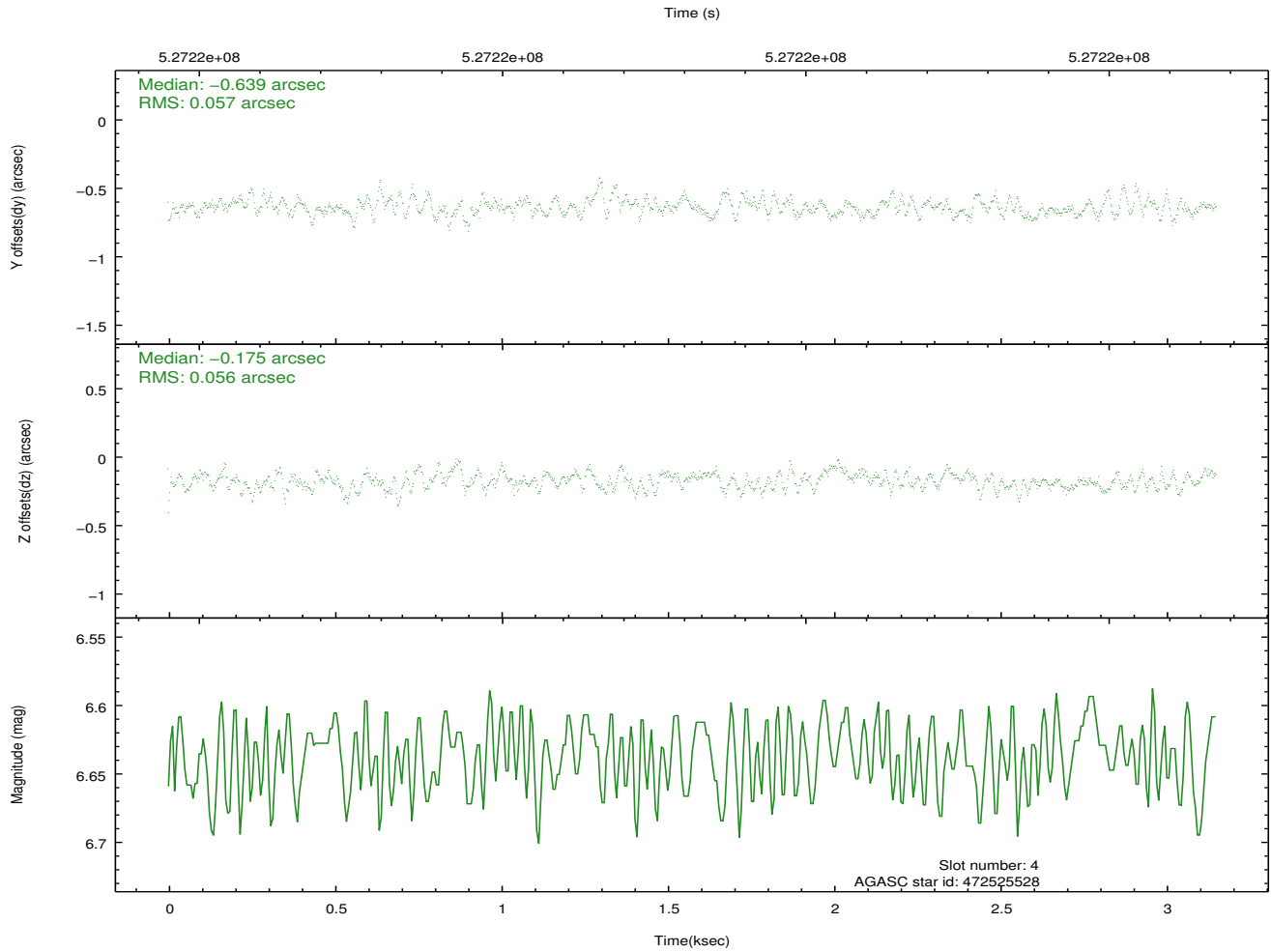
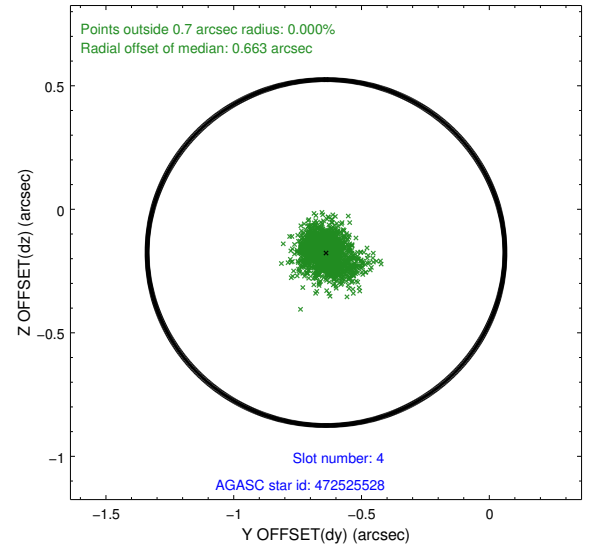
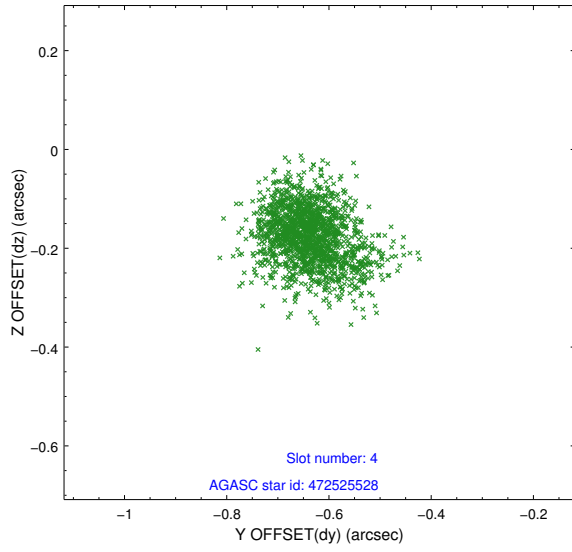
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.06	769	0.083	-0.098	0.011	0.021	0.000000	0.000000	832.30	-1311.41
1	FID	HRC-I-3	7.11	769	-0.223	0.023	0.011	0.021	0.000000	0.000000	-1208.08	993.10
2	FID	HRC-I-4	7.04	769	0.259	-0.012	0.010	0.015	0.000000	0.000000	1261.03	993.71
3	GUIDE	472523760	8.22	1538	-0.128	-0.273	0.094	0.162	331.645363	45.403260	1808.24	524.03
4	GUIDE	472525528	6.64	1538	-0.639	-0.175	0.085	0.142	331.551102	45.248694	2279.81	904.80
5	GUIDE	472655152	9.42	1538	0.168	-0.210	0.170	0.271	332.504239	45.862991	-872.43	56.86
6	GUIDE	472665256	8.98	1536	0.341	0.349	0.101	0.163	332.808125	46.195041	-2095.24	-661.06
7	GUIDE	472533912	9.16	1537	0.261	0.309	0.145	0.259	331.791136	46.368695	-136.63	-2380.16

2.4 Star Slots

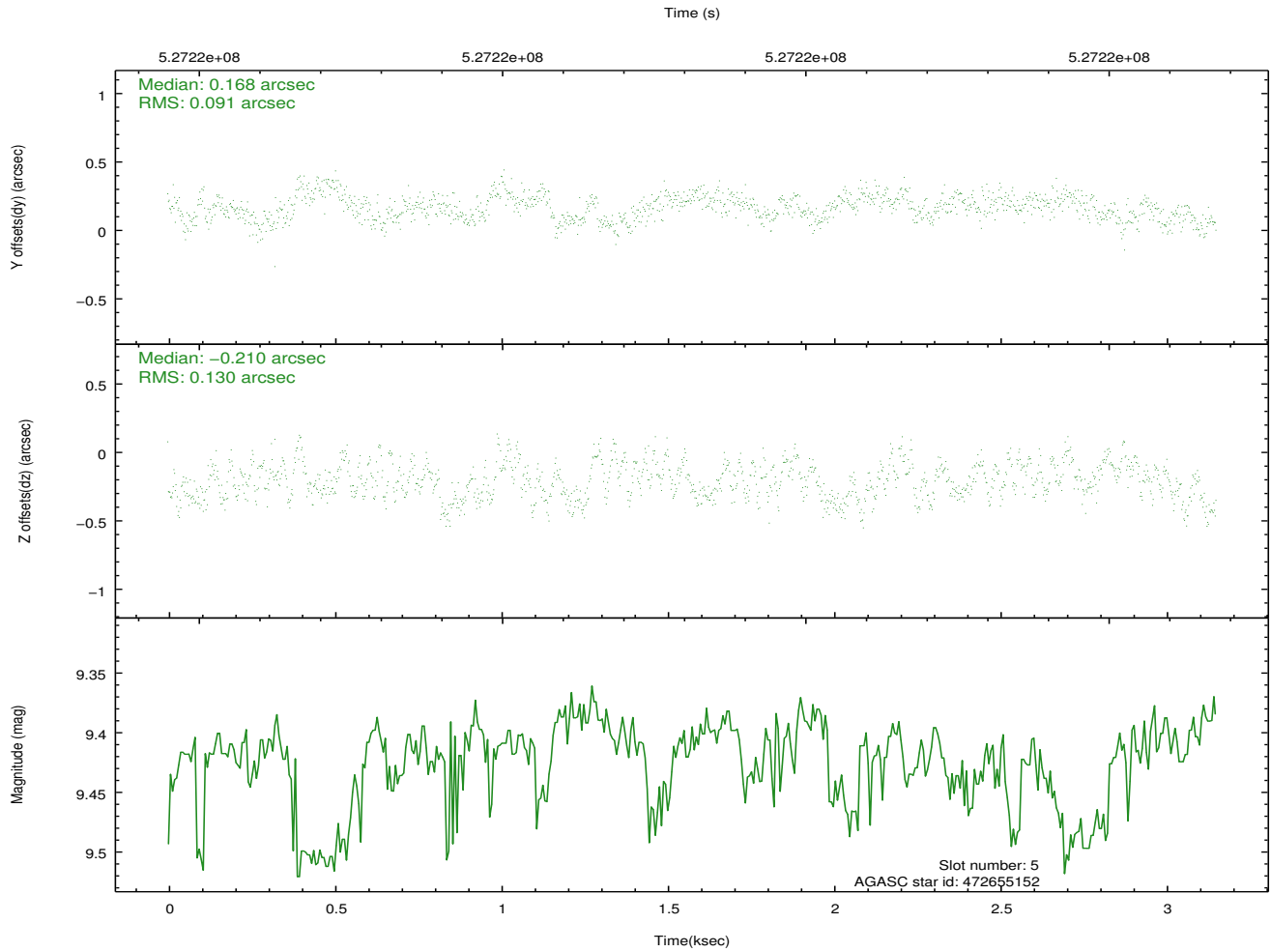
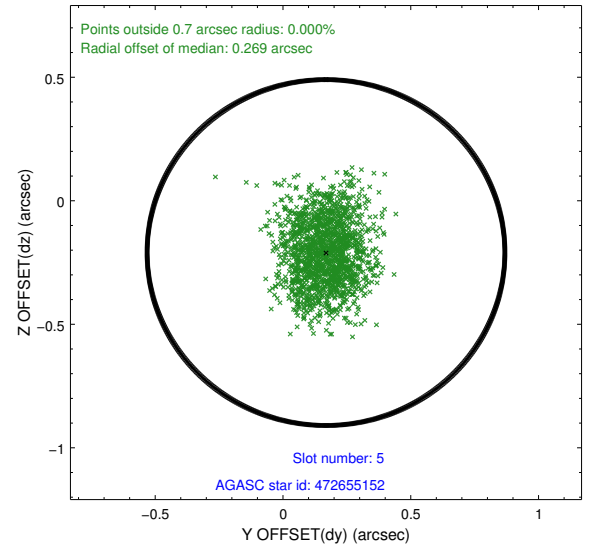
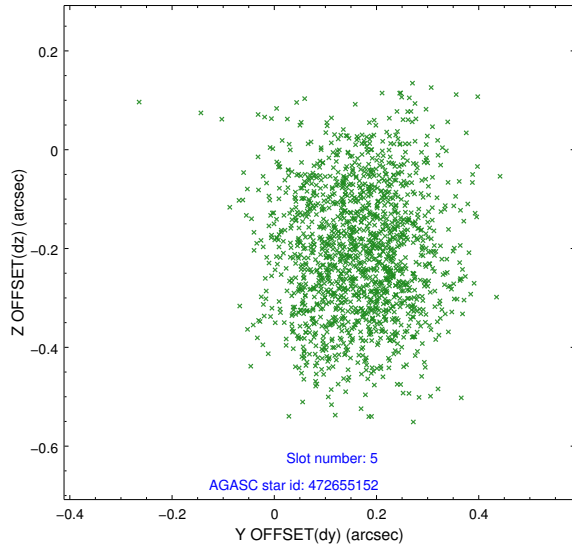
2.4.1 Slot 3



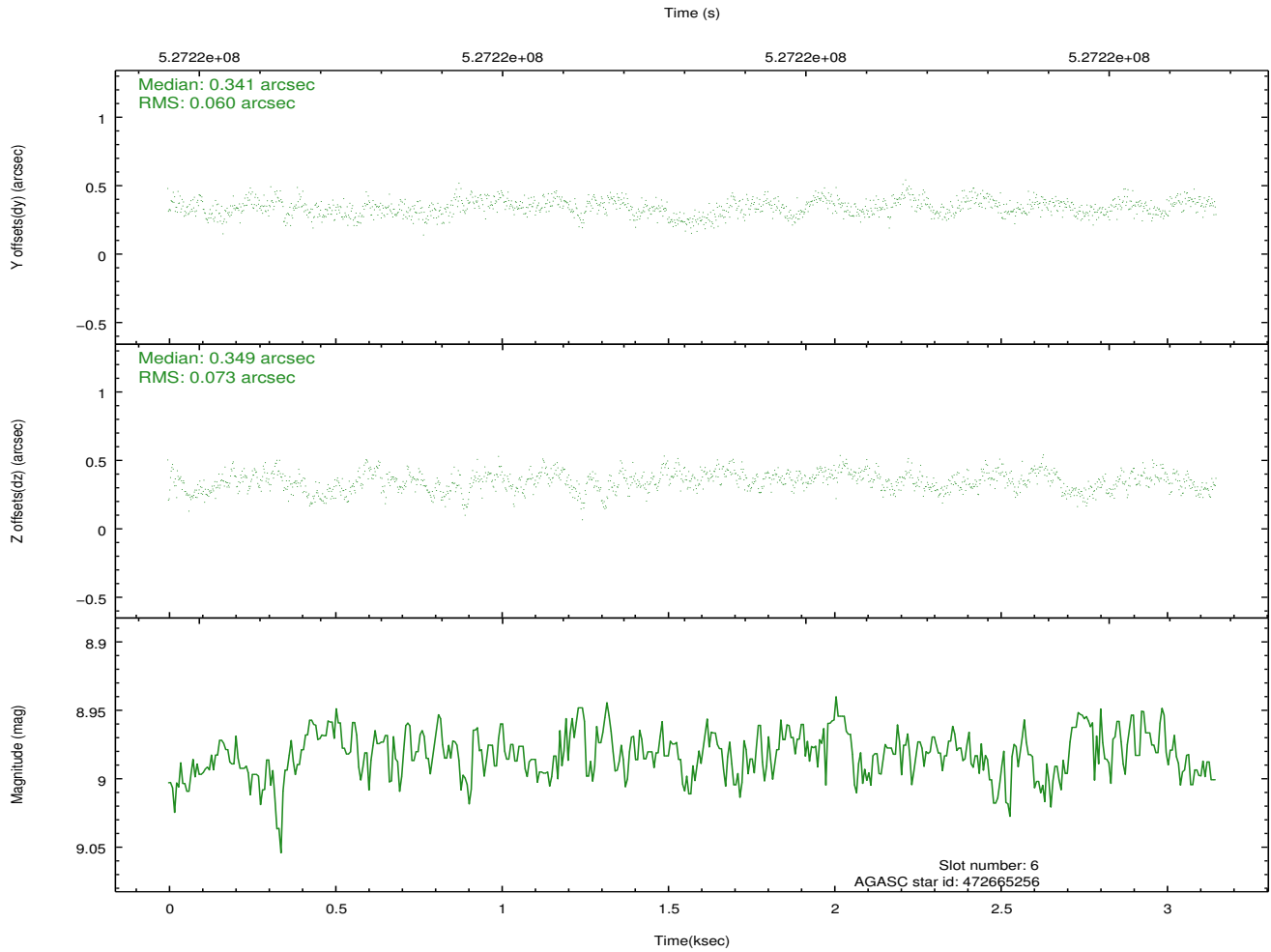
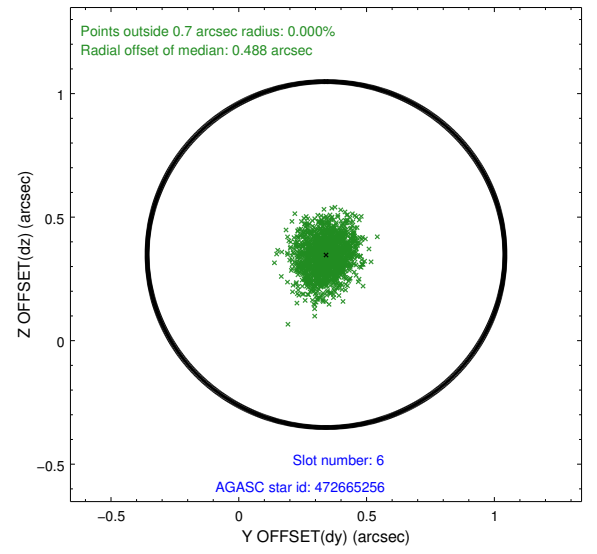
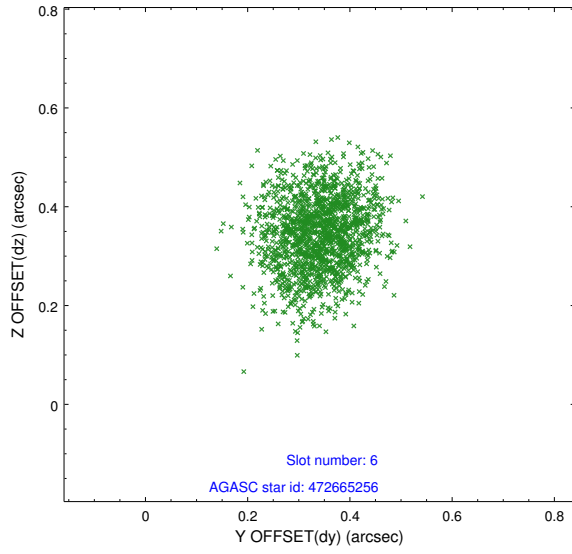
2.4.2 Slot 4



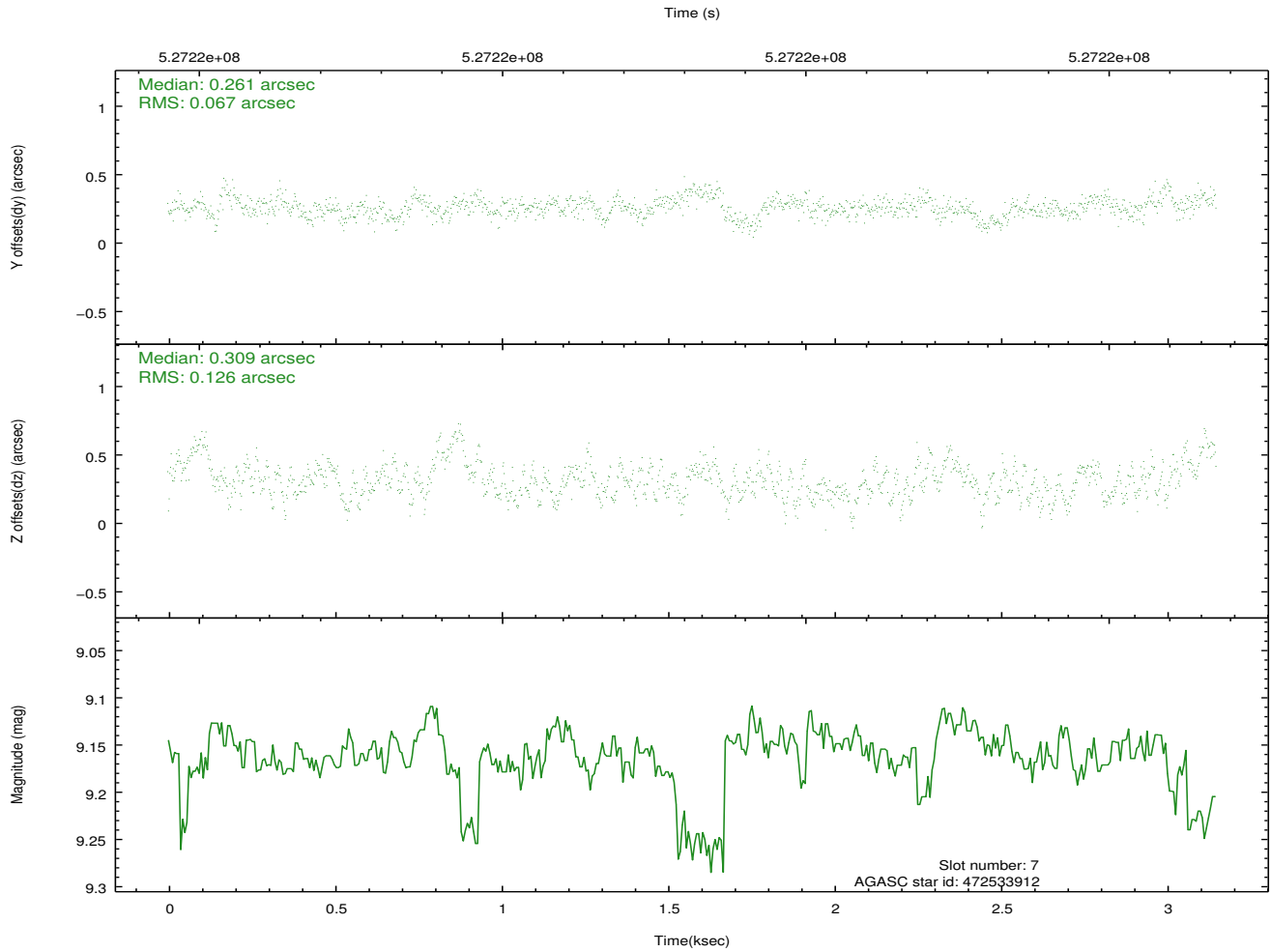
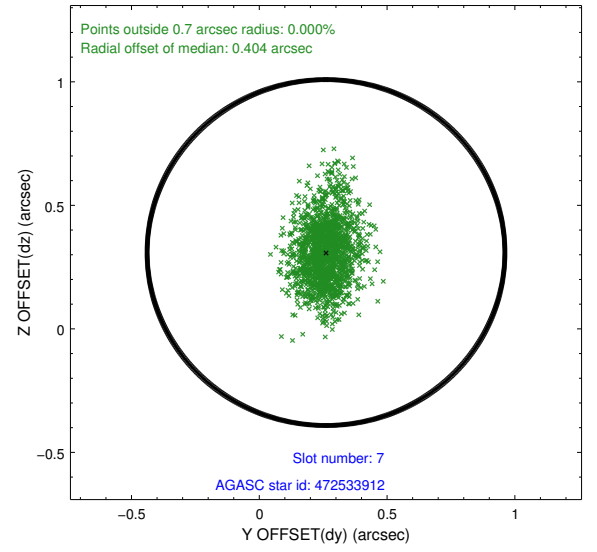
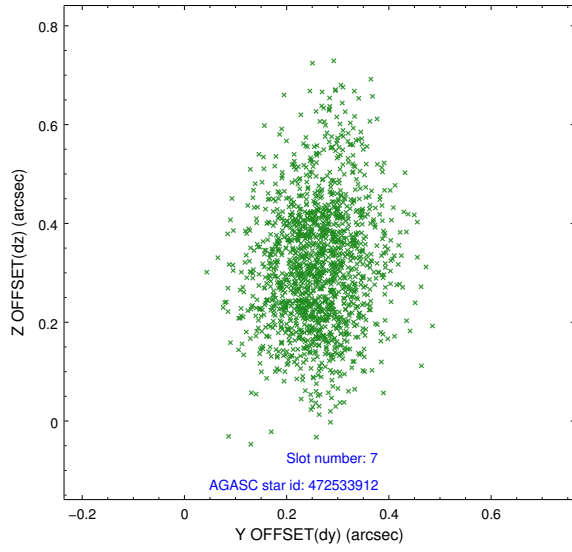
2.4.3 Slot 5



2.4.4 Slot 6

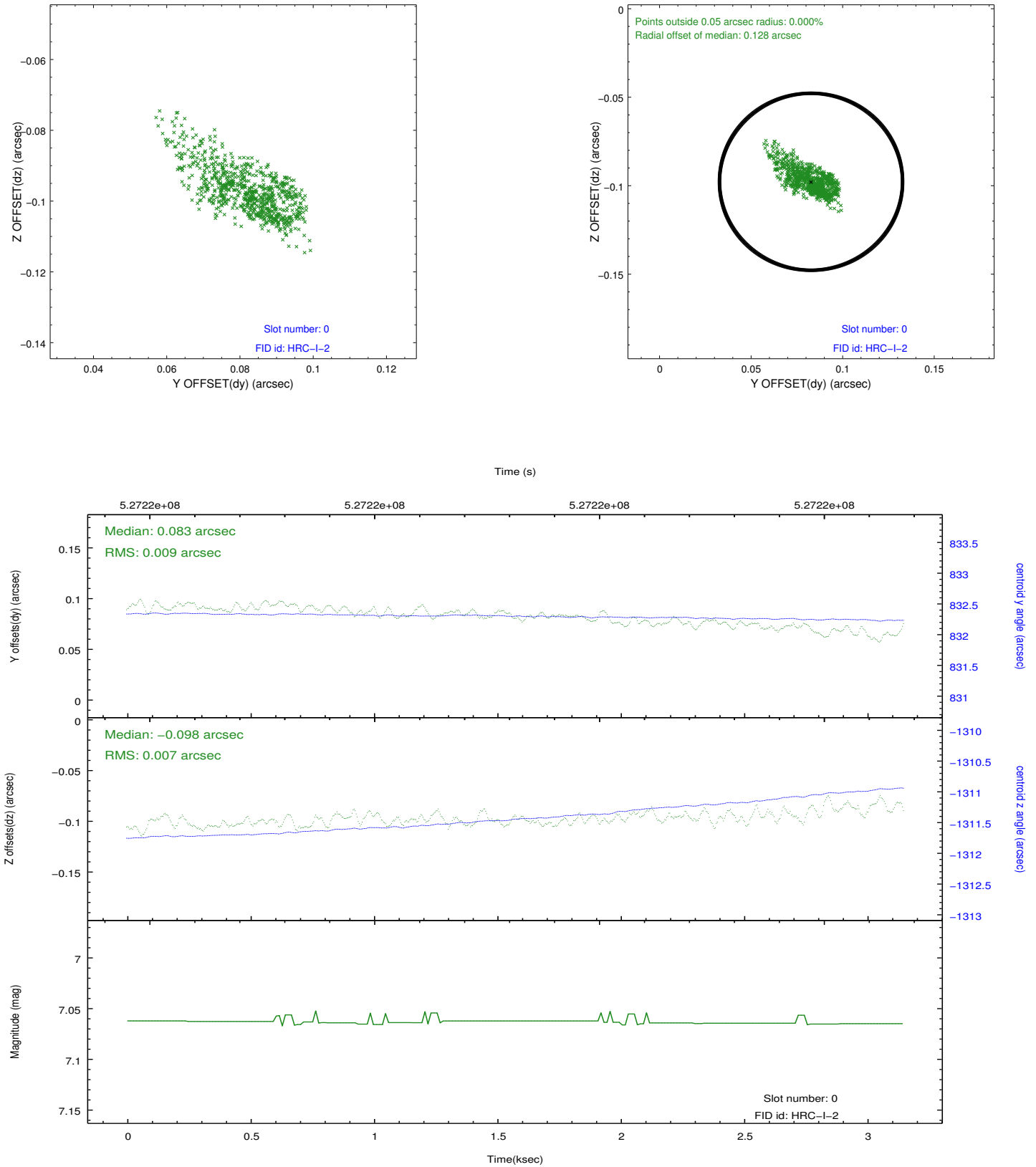


2.4.5 Slot 7

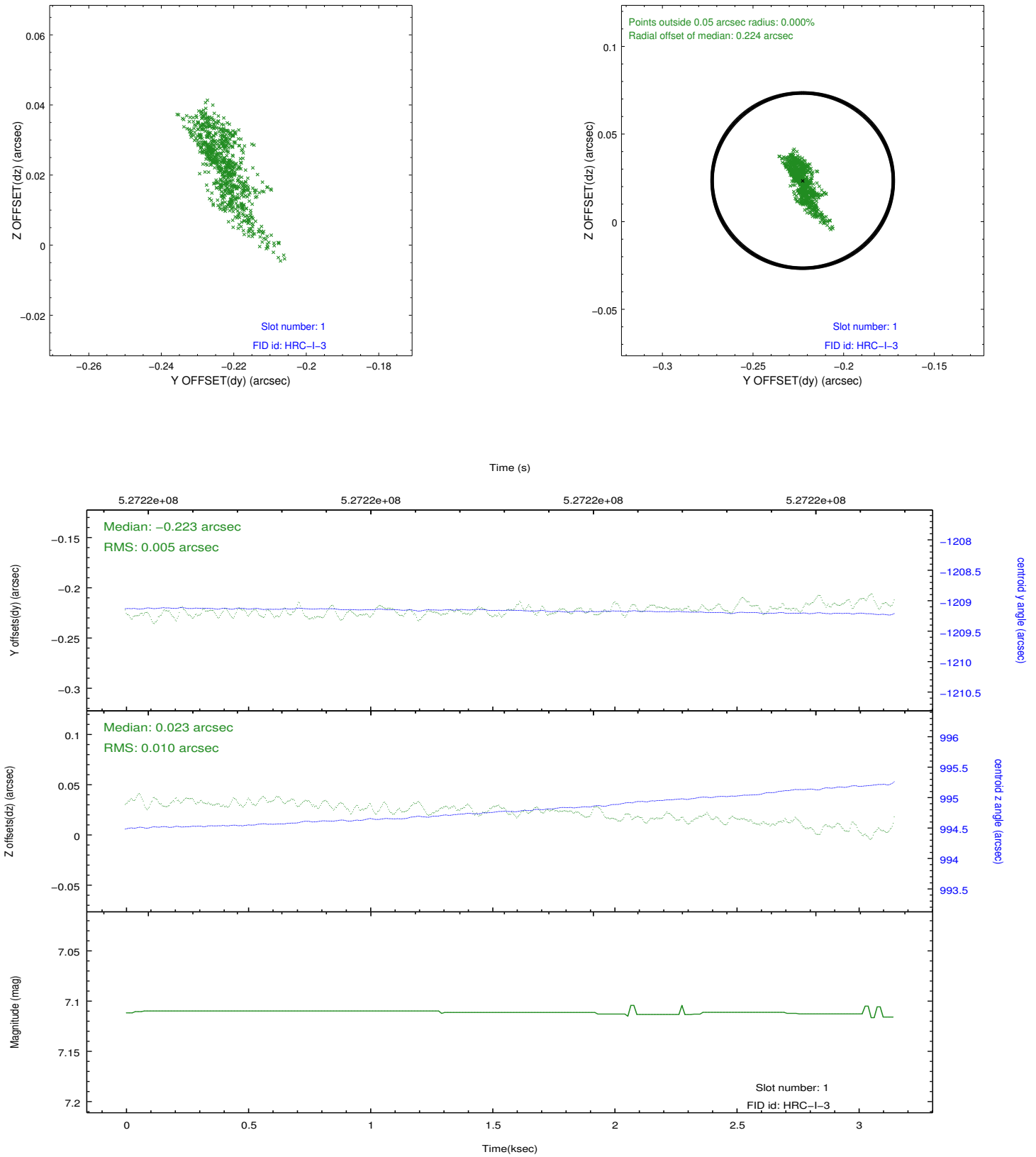


2.5 FID Slots

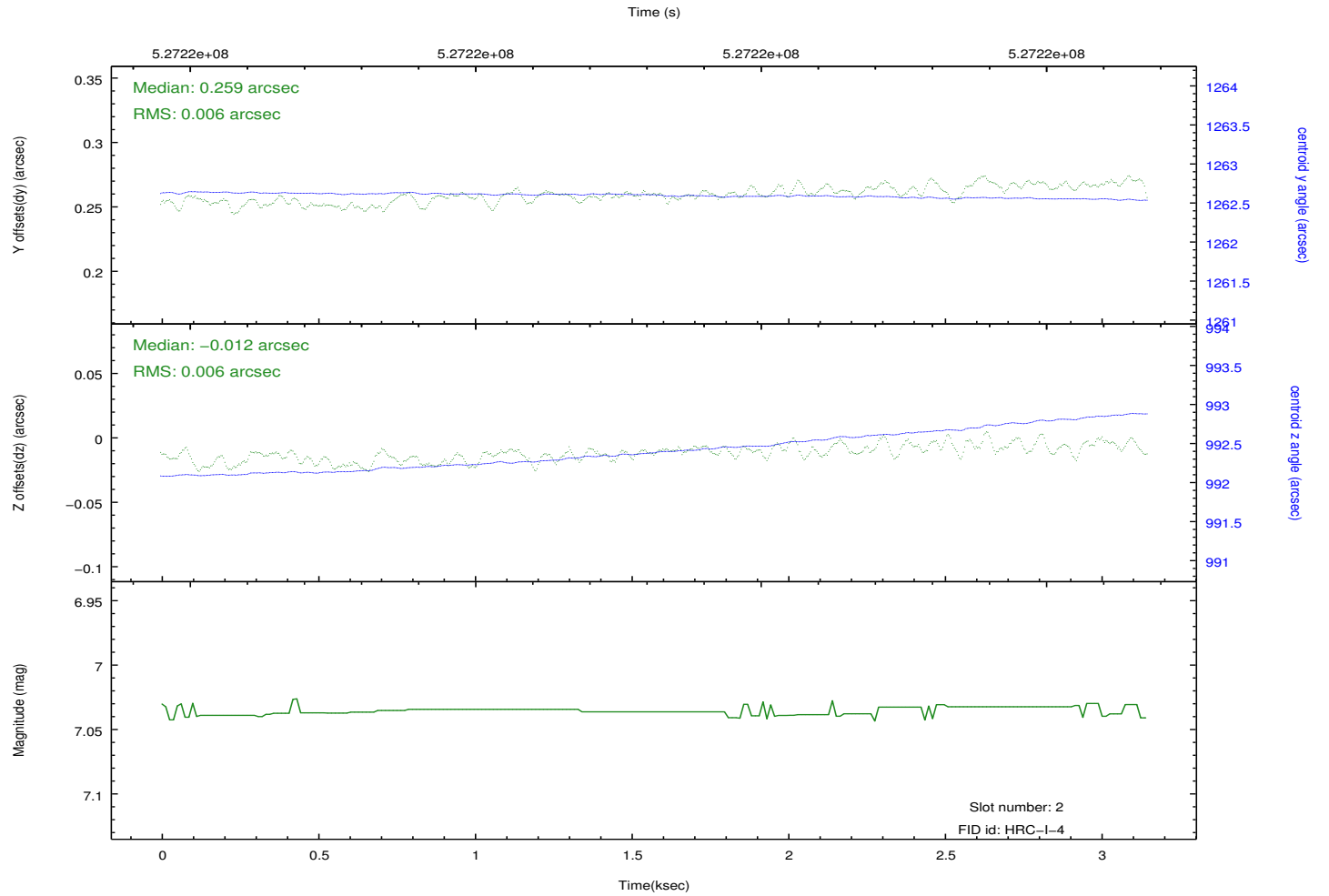
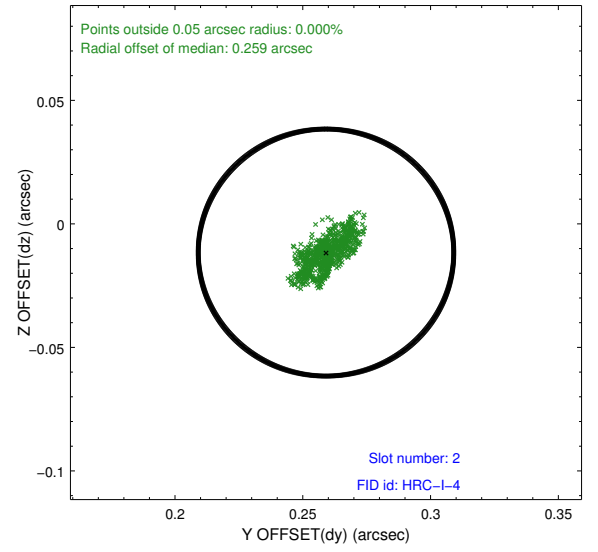
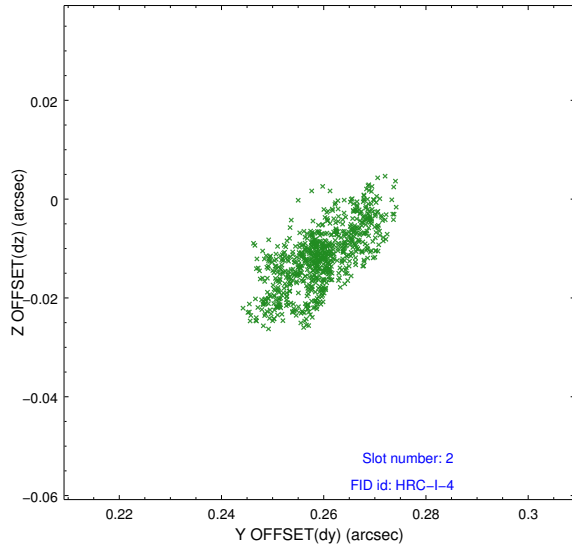
2.5.1 Slot 0



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)	2014.09.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1500814250708

A.2 Comments

Window preference met.