

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 5074 - L2 Version 4
Chandra X-Ray Center

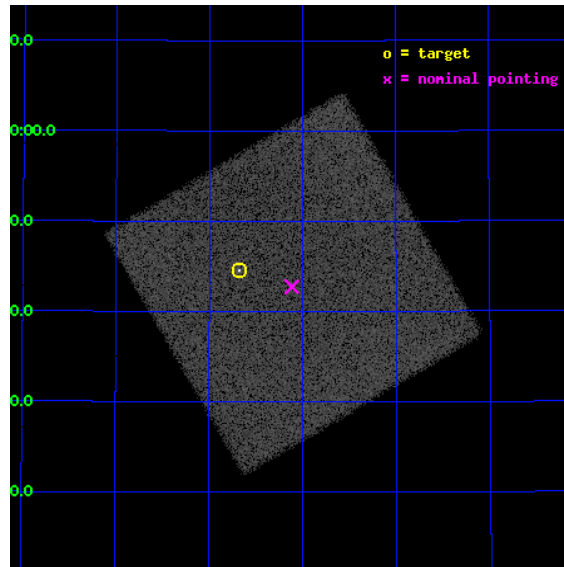
L2 Processing Date : Dec 11 2012

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1 Front

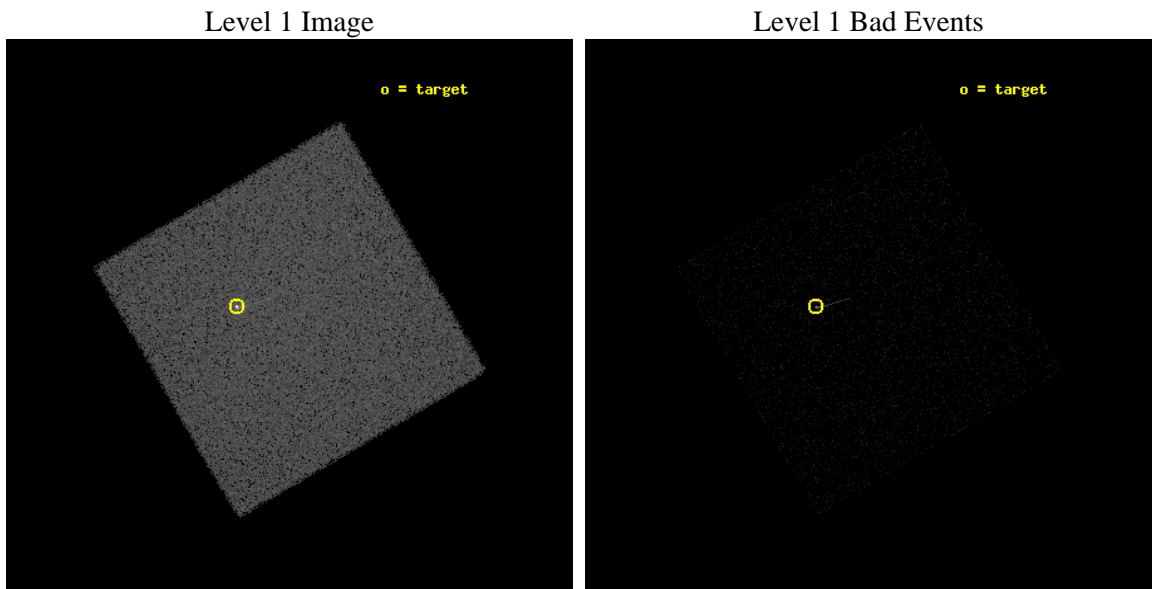
seq_num	290347	Sequence number
obs_id	5074	Observation id
title	AO5 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.02903115606	Nominal RA [deg]
dec_nom	45.712445408534	Nominal Dec [deg]
roll_nom	284.68826687453	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1079.5812985301	[s]
livetime	1024.0110213432	Ontime multiplied by DTCOR
l2events	104330	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	900.000000	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	1079.5812985301	[s]
caldbver	4.5.4	 	l1events	197524	Number of level 1 events
date	2012-12-11T23:52:15	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

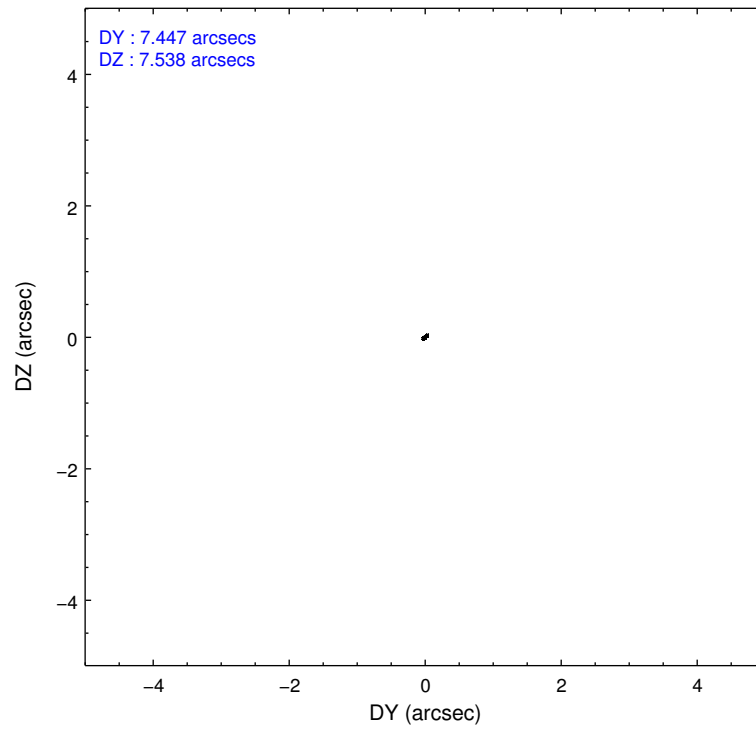
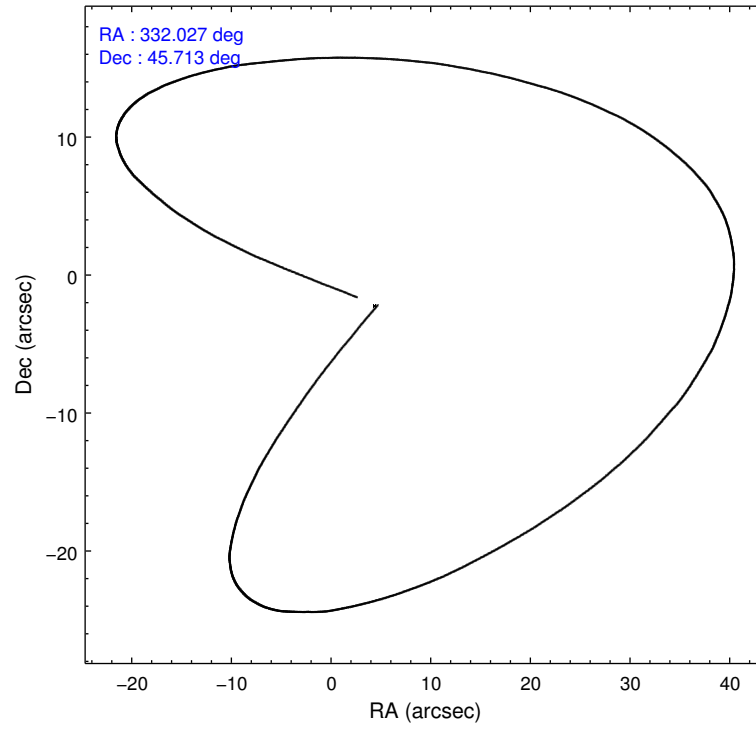
	segment 0
level 1 events	197524
rejected events	49714
rejected %	25%

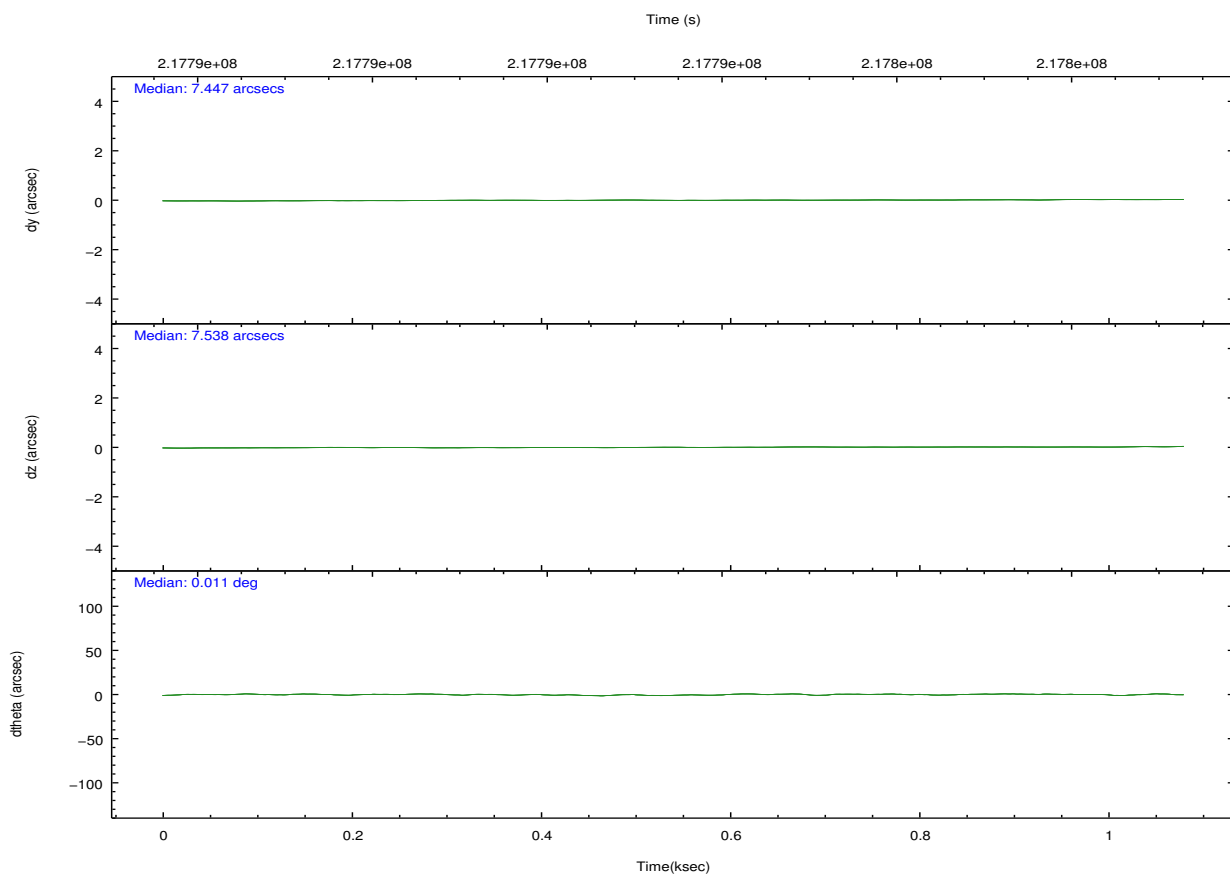
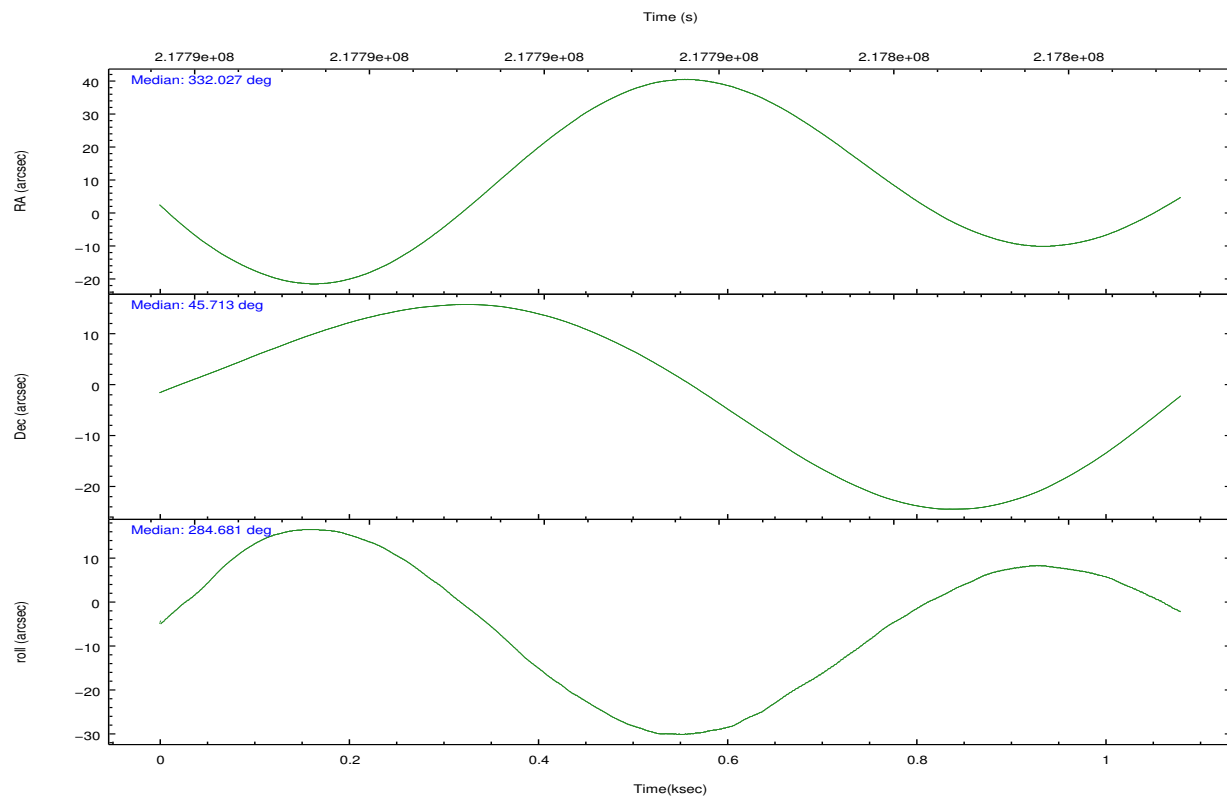
2.2 Compared Parameters

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	332.002688	332.0290311560649
[deg] Pointing Dec	45.731563	45.71244540853392
[deg] Pointing Roll	284.802669	284.6882668745284
[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)	217794387.184000	217794011.25859
Observation start date	2004-11-25T18:25:23	2004-11-25T18:20:11
[s] Observation end time (MET)	217795287.184000	217795421.14616
Observation end date	2004-11-25T18:40:23	2004-11-25T18:43:41

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

2.3 Aspect



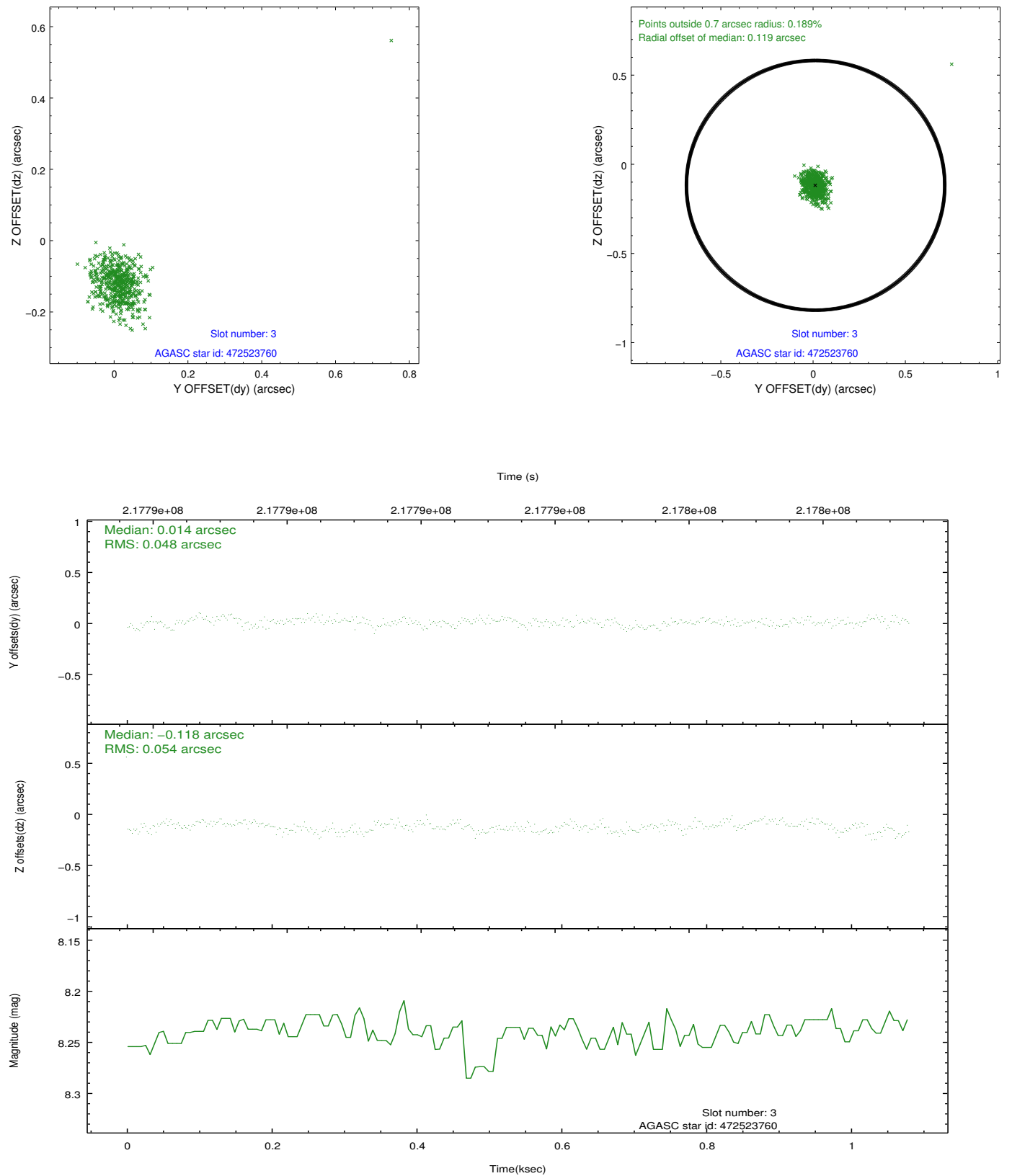


Slot Statistics

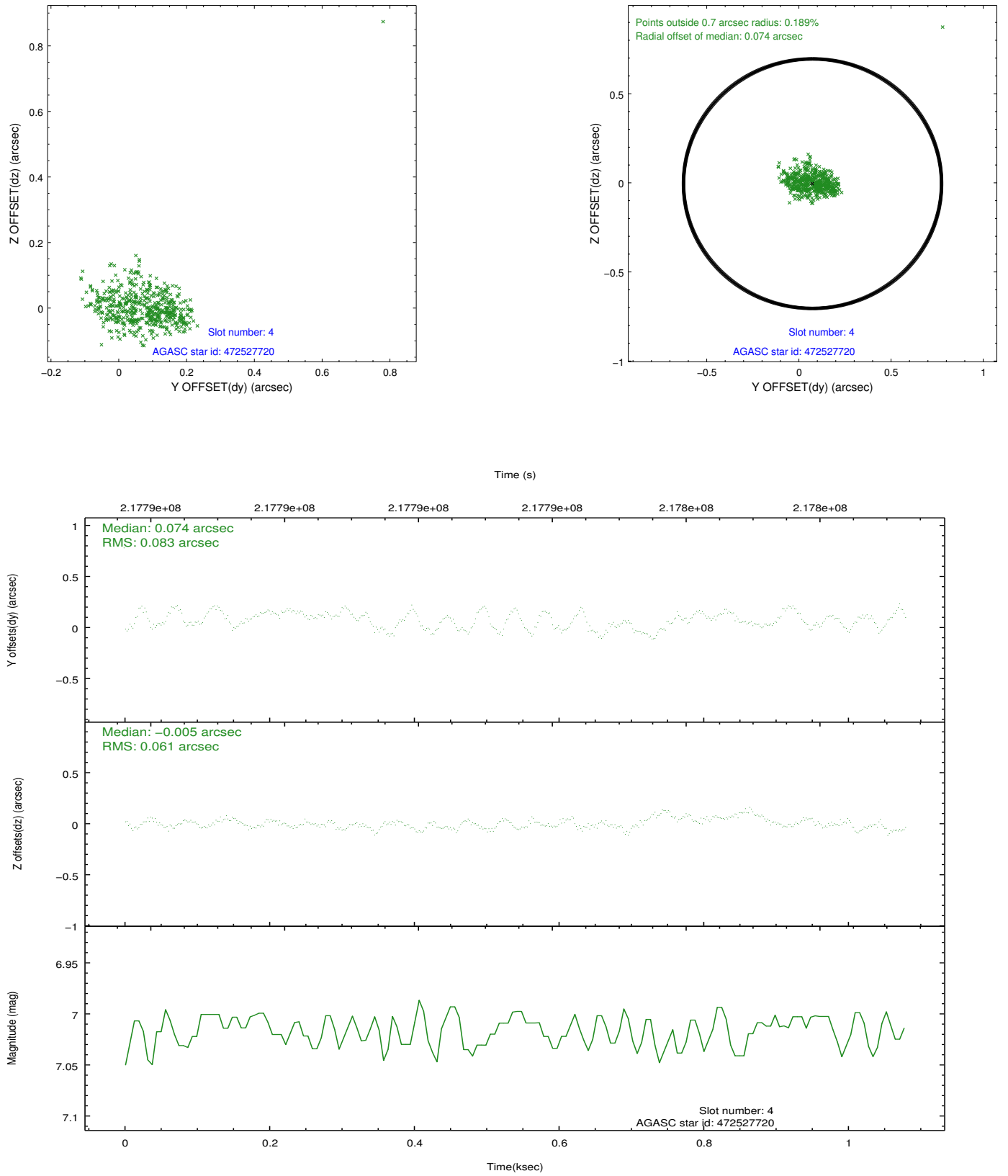
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.01	264	0.042	0.002	0.006	0.010	0.000000	0.000000	-763.06	-1295.42
1	FID	HRC-I-3	7.09	264	-0.071	-0.050	0.007	0.010	0.000000	0.000000	-1194.45	1004.21
2	FID	HRC-I-4	7.05	264	0.143	-0.041	0.005	0.009	0.000000	0.000000	1275.41	1010.43
3	GUIDE	472523760	8.24	528	0.014	-0.118	0.062	0.100	331.645363	45.403260	910.52	-1170.33
4	GUIDE	472527720	7.01	528	0.074	-0.005	0.100	0.148	331.460205	45.112509	1800.48	-1898.31
5	GUIDE	472655152	9.42	525	0.049	0.141	0.115	0.194	332.504239	45.862991	-136.29	1338.51
6	GUIDE	472659832	9.47	528	0.001	-0.015	0.131	0.217	332.780399	46.098139	-789.31	2223.34
7	GUIDE	472533912	9.15	526	-0.126	-0.009	0.078	0.128	331.791136	46.368695	-2353.76	86.31

2.4 Star Slots

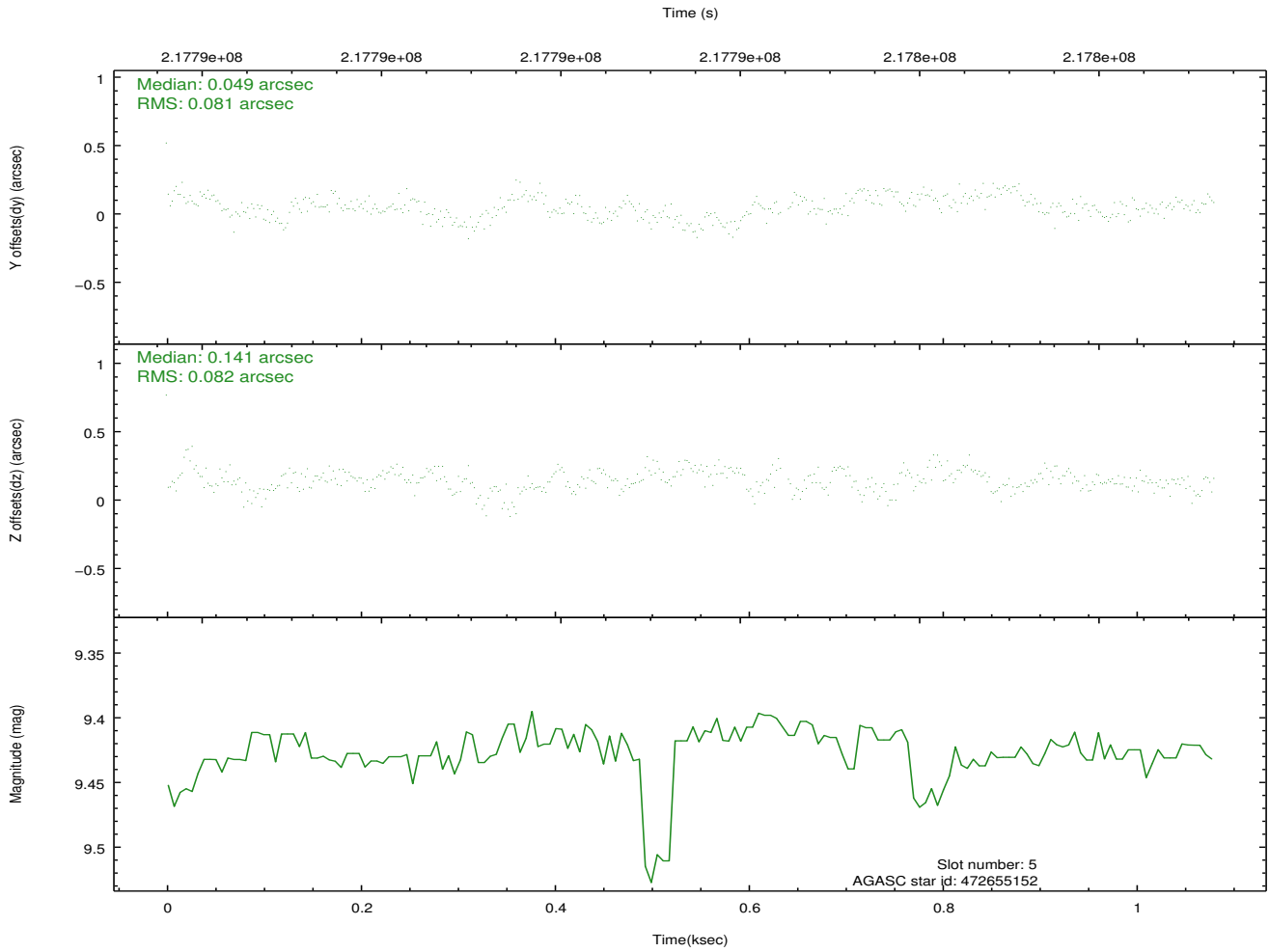
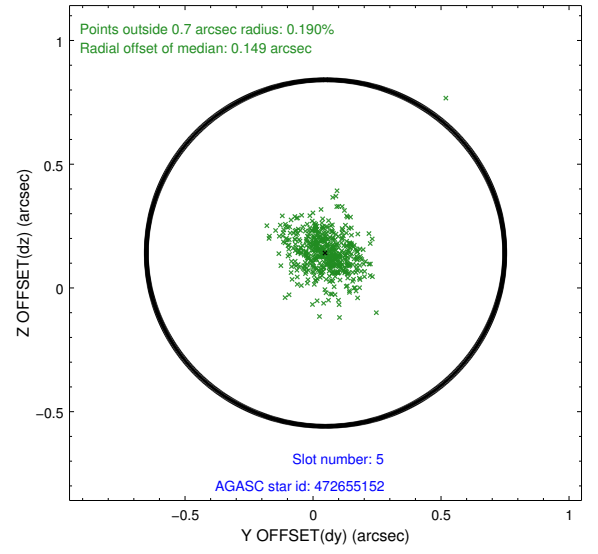
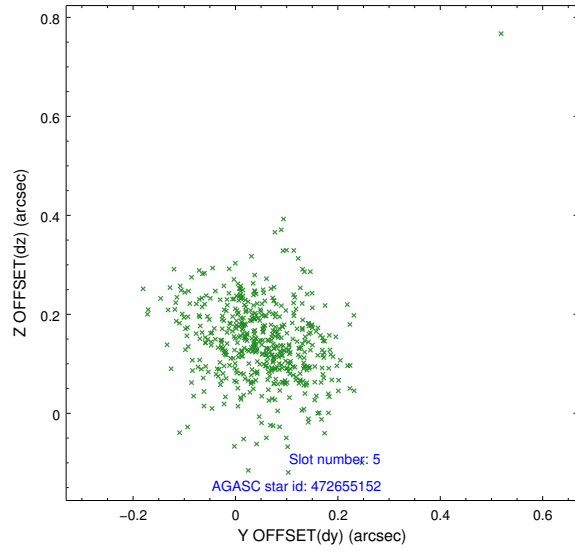
2.4.1 Slot 3



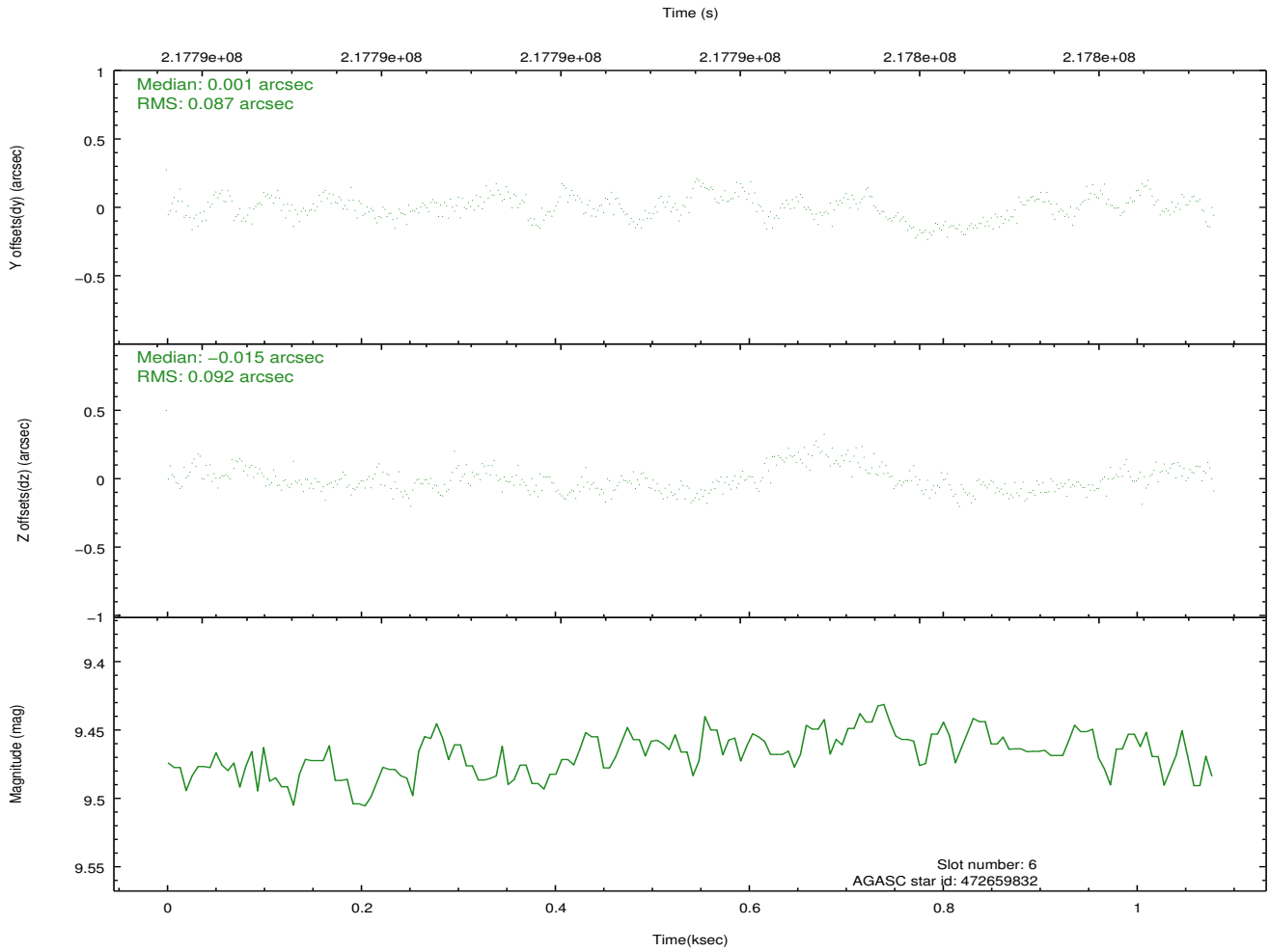
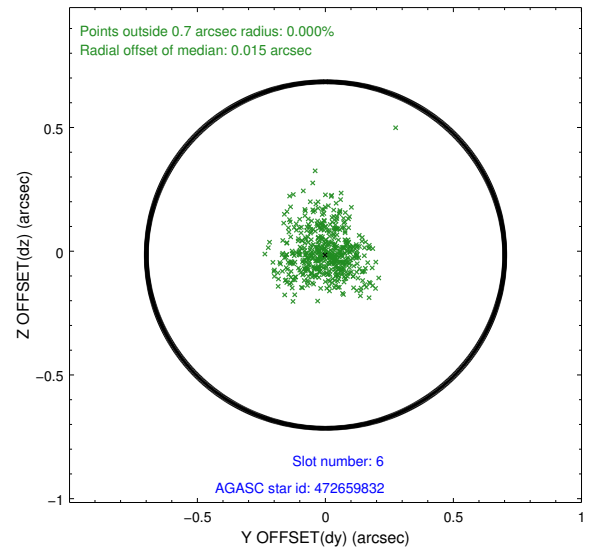
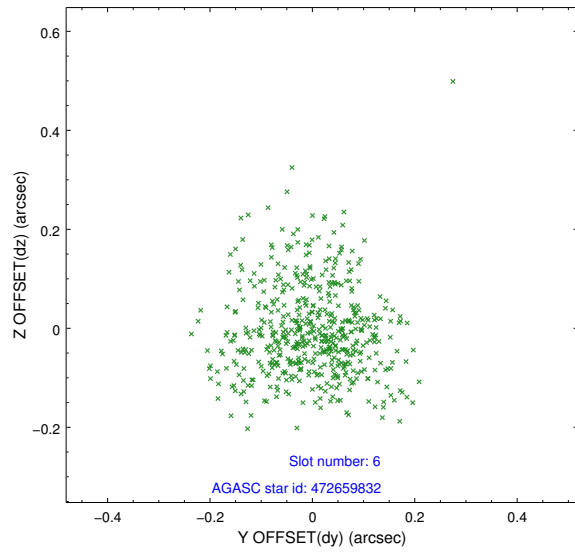
2.4.2 Slot 4



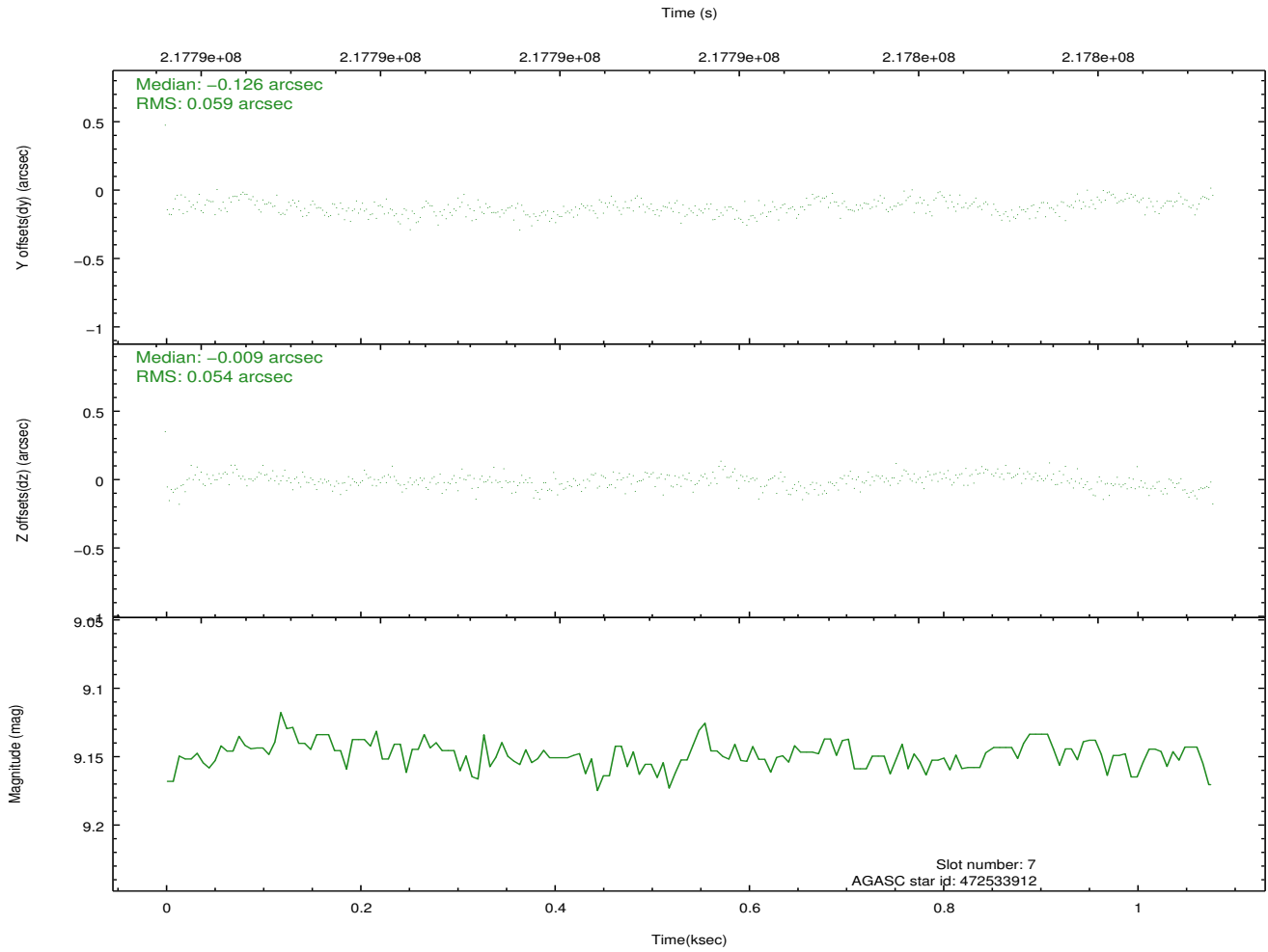
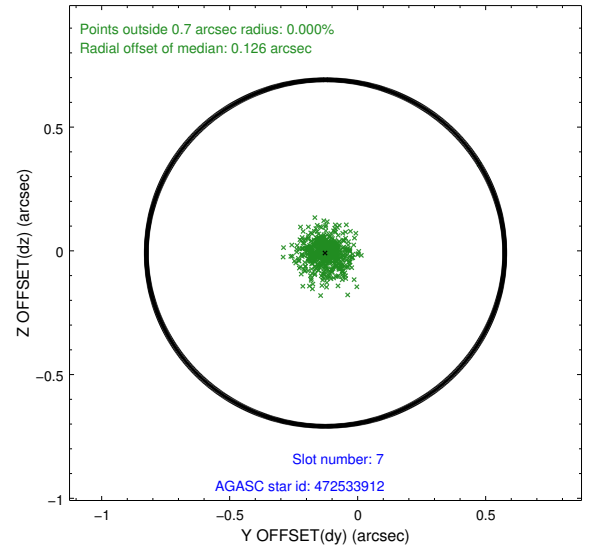
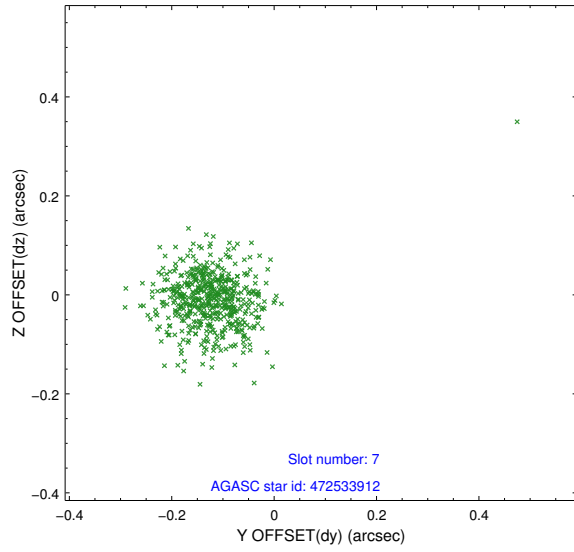
2.4.3 Slot 5



2.4.4 Slot 6

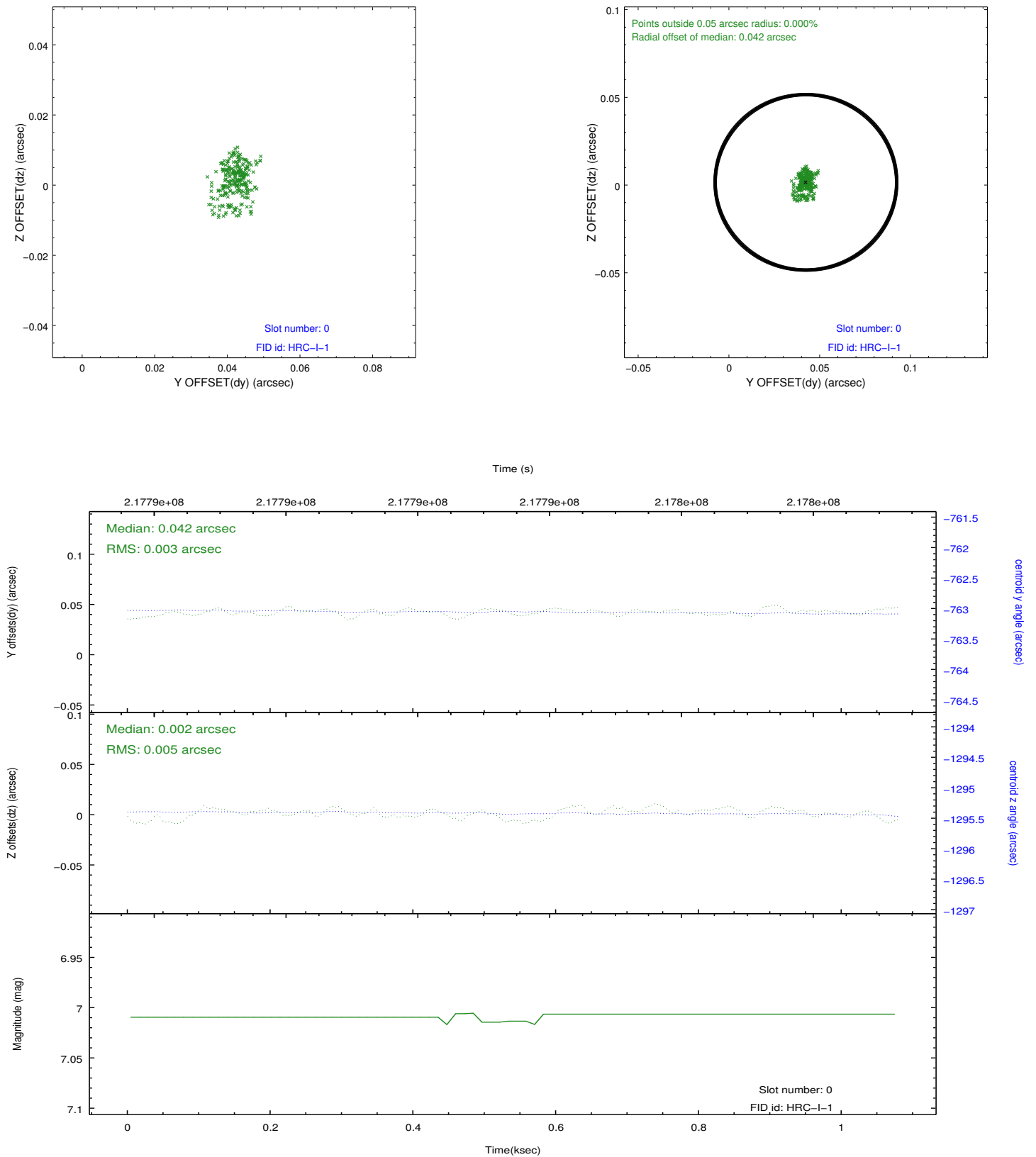


2.4.5 Slot 7

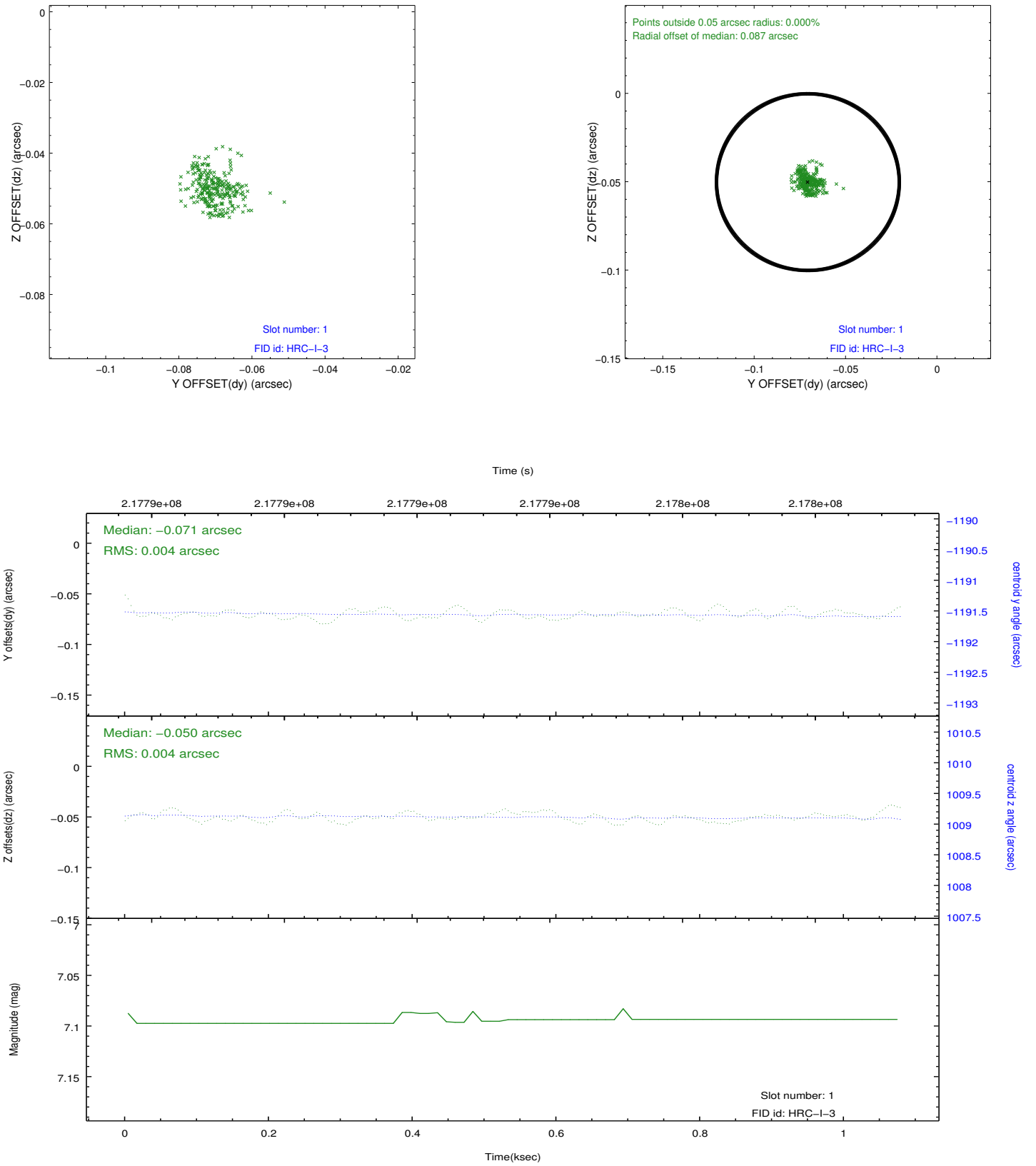


2.5 FID Slots

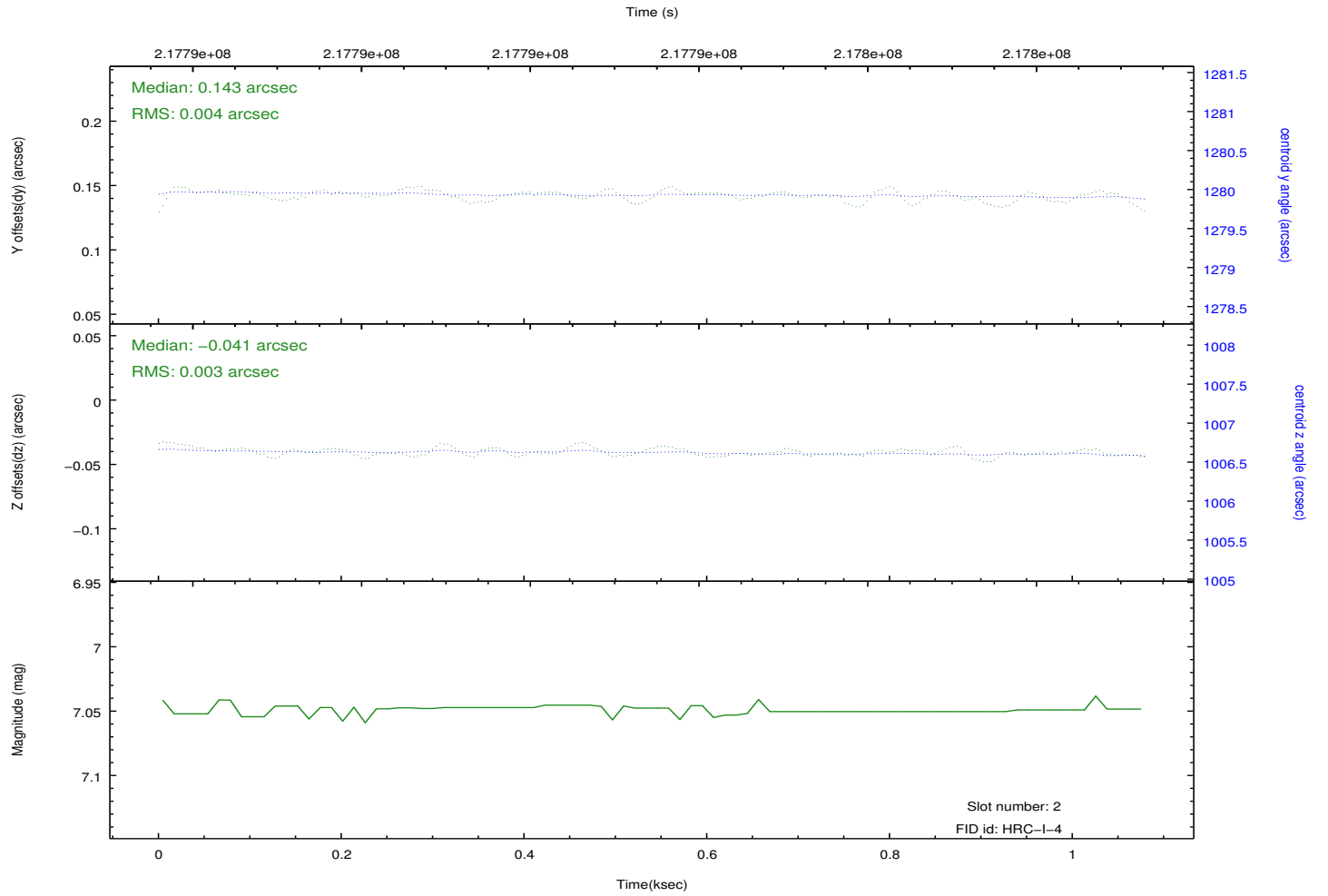
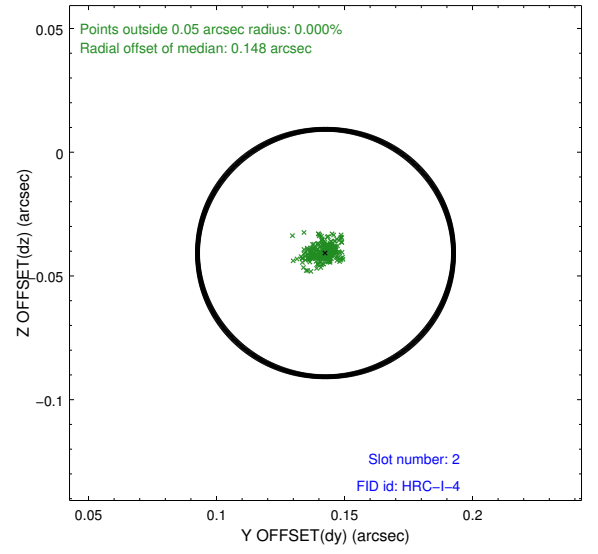
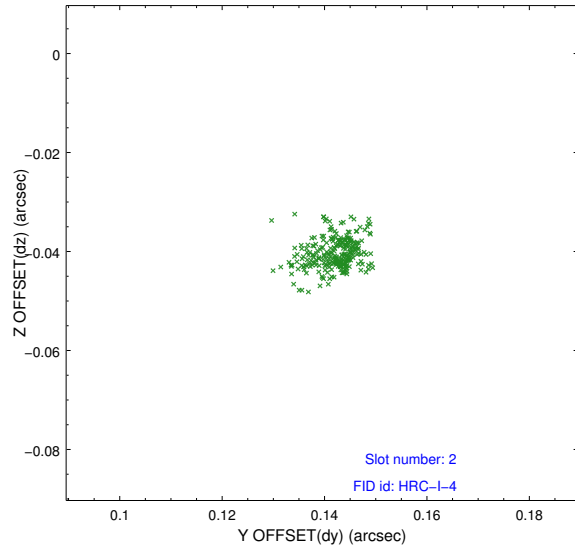
2.5.1 Slot 0



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)	2013.01.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.079581

A.2 Comments