

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 5066 - L2 Version 4
Chandra X-Ray Center

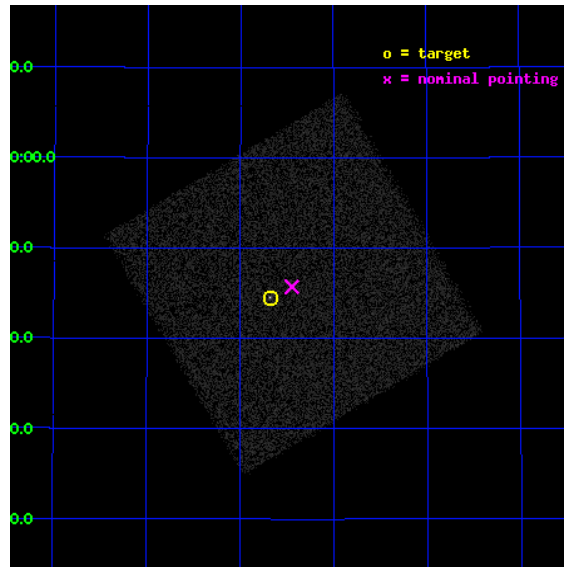
L2 Processing Date : Dec 11 2012

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1 Front

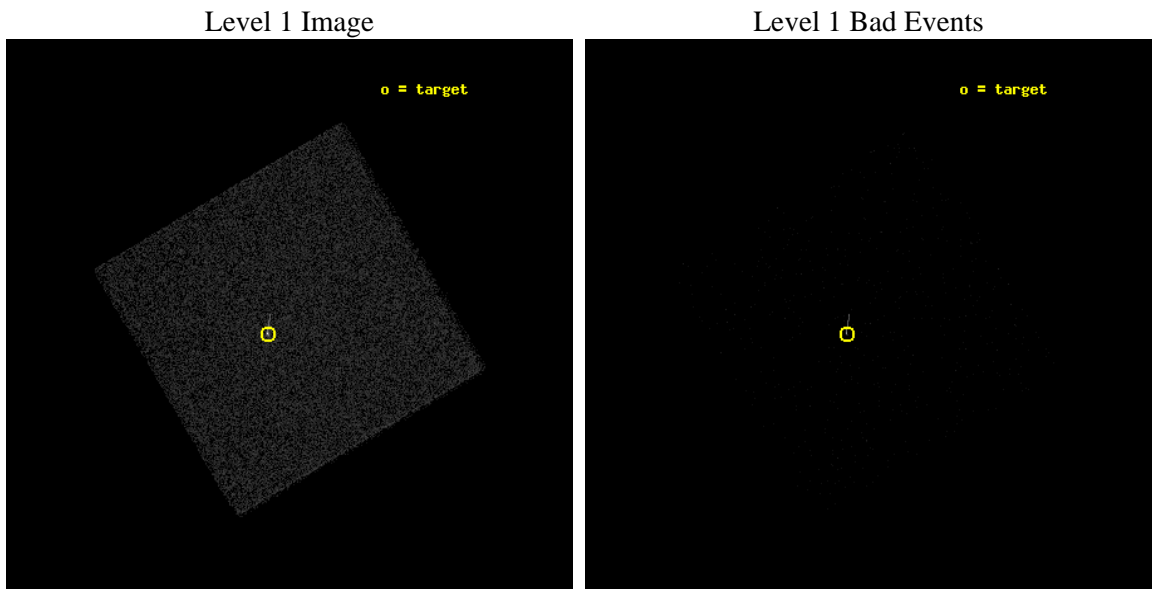
seq_num	290339	Sequence number
obs_id	5066	Observation id
title	AO5 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.1117293378	Nominal RA [deg]
dec_nom	45.762197391465	Nominal Dec [deg]
roll_nom	284.50299268069	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1085.4750487804	[s]
livetime	1077.7068290124	Ontime multiplied by DTCOR
l2events	43222	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	1085.4750487804	[s]
caldbver	4.5.4	 	l1events	81432	Number of level 1 events
date	2012-12-11T23:43:14	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

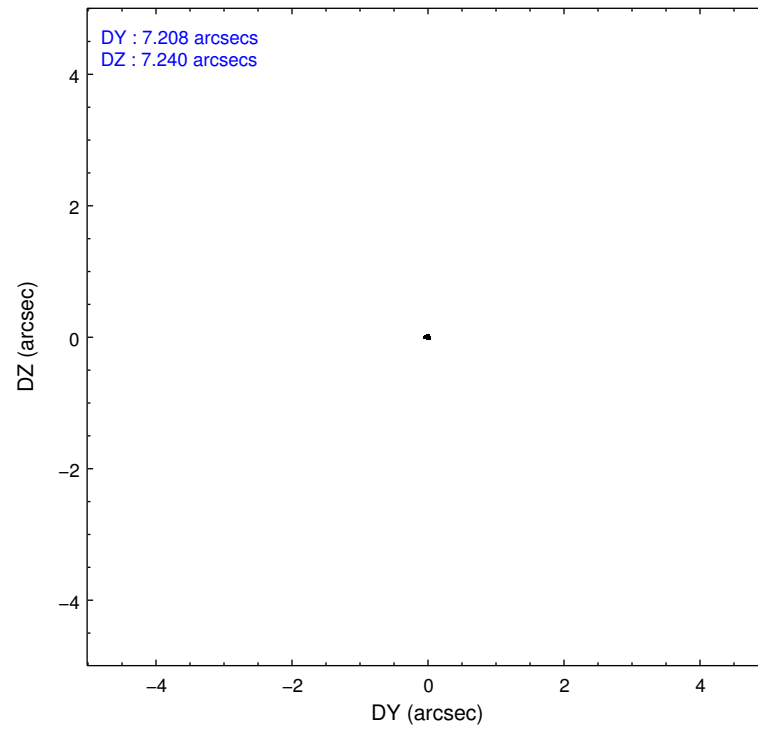
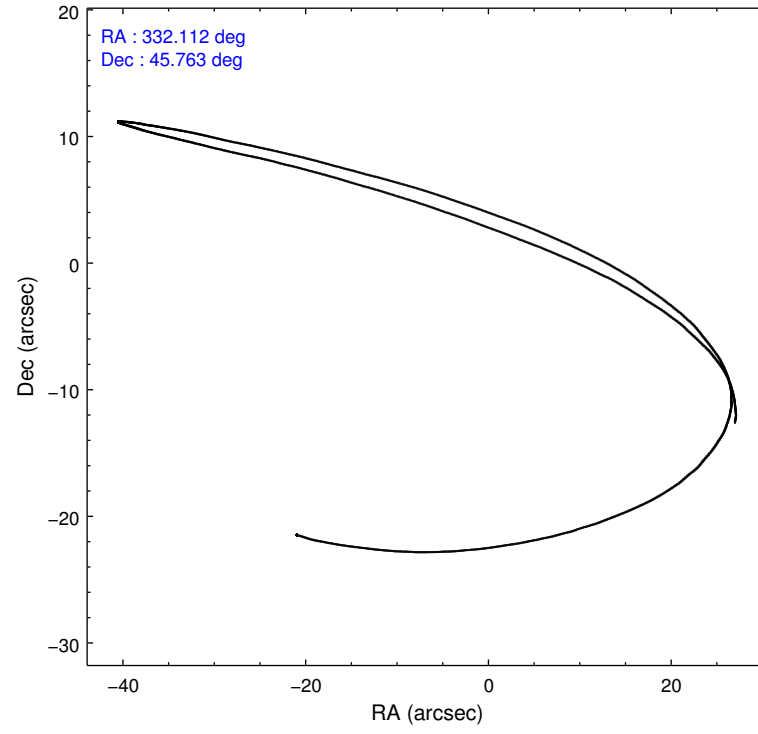
	segment 0
level 1 events	81432
rejected events	18814
rejected %	23%

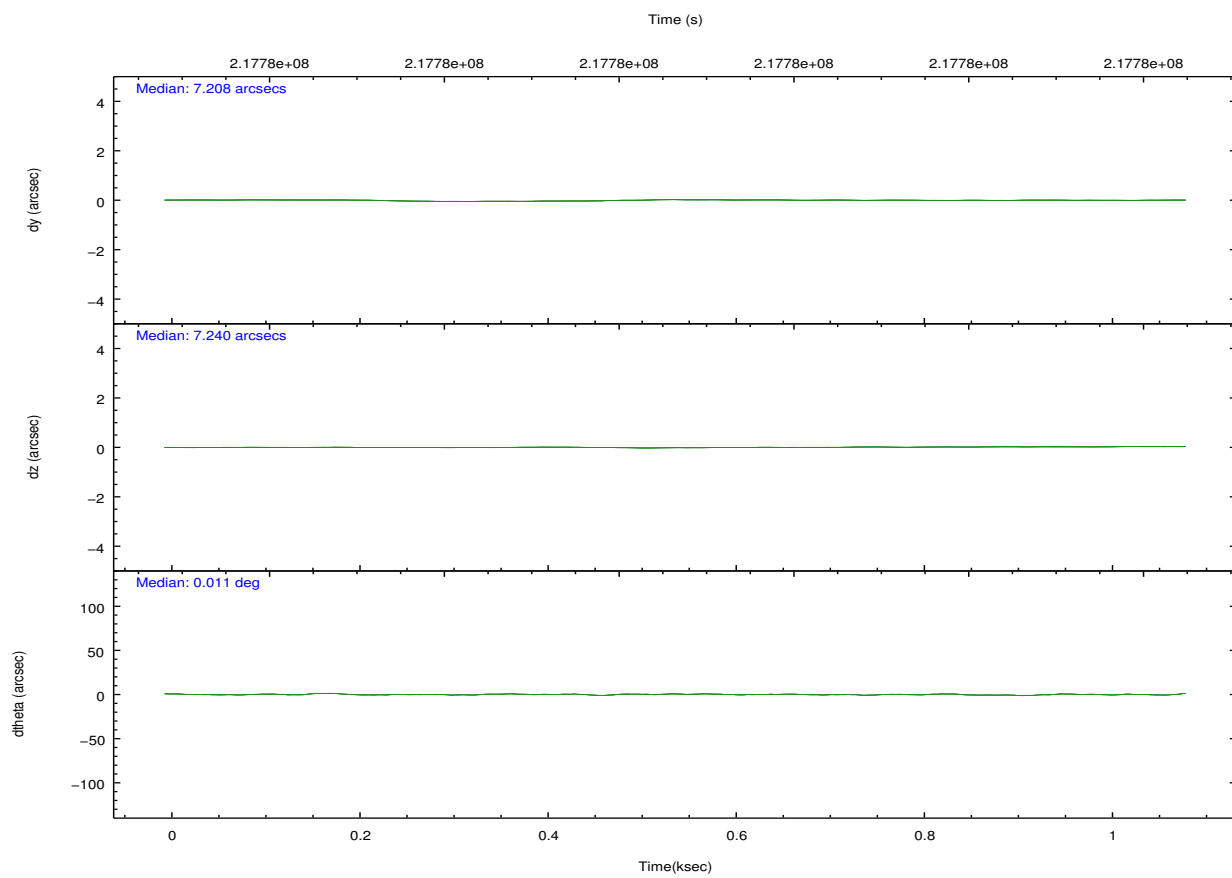
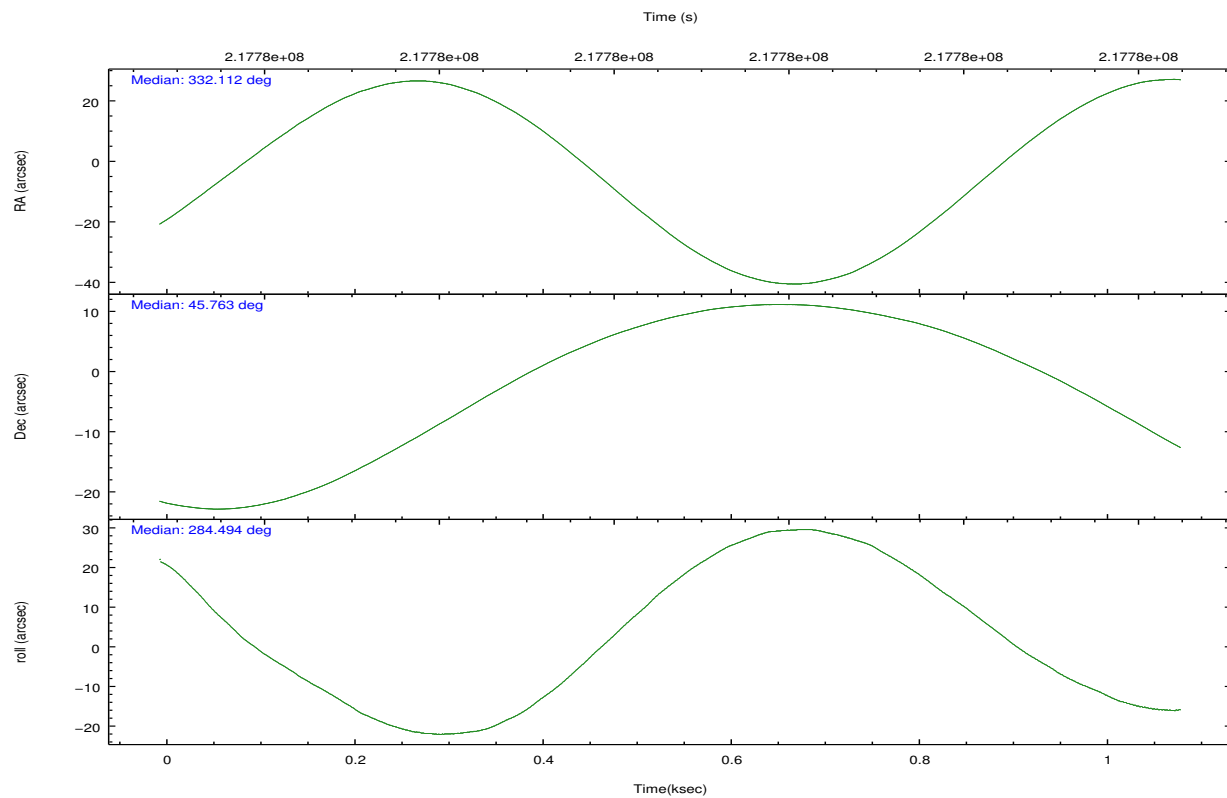
2.2 Compared Parameters

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	332.083006	332.1117293378047
[deg] Pointing Dec	45.780933	45.76219739146462
[deg] Pointing Roll	284.619037	284.5029926806926
[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)	217783107.184000	217782731.13309
Observation start date	2004-11-25T15:17:23	2004-11-25T15:12:11
[s] Observation end time (MET)	217784007.184000	217784141.02065
Observation end date	2004-11-25T15:32:23	2004-11-25T15:35:41

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

2.3 Aspect



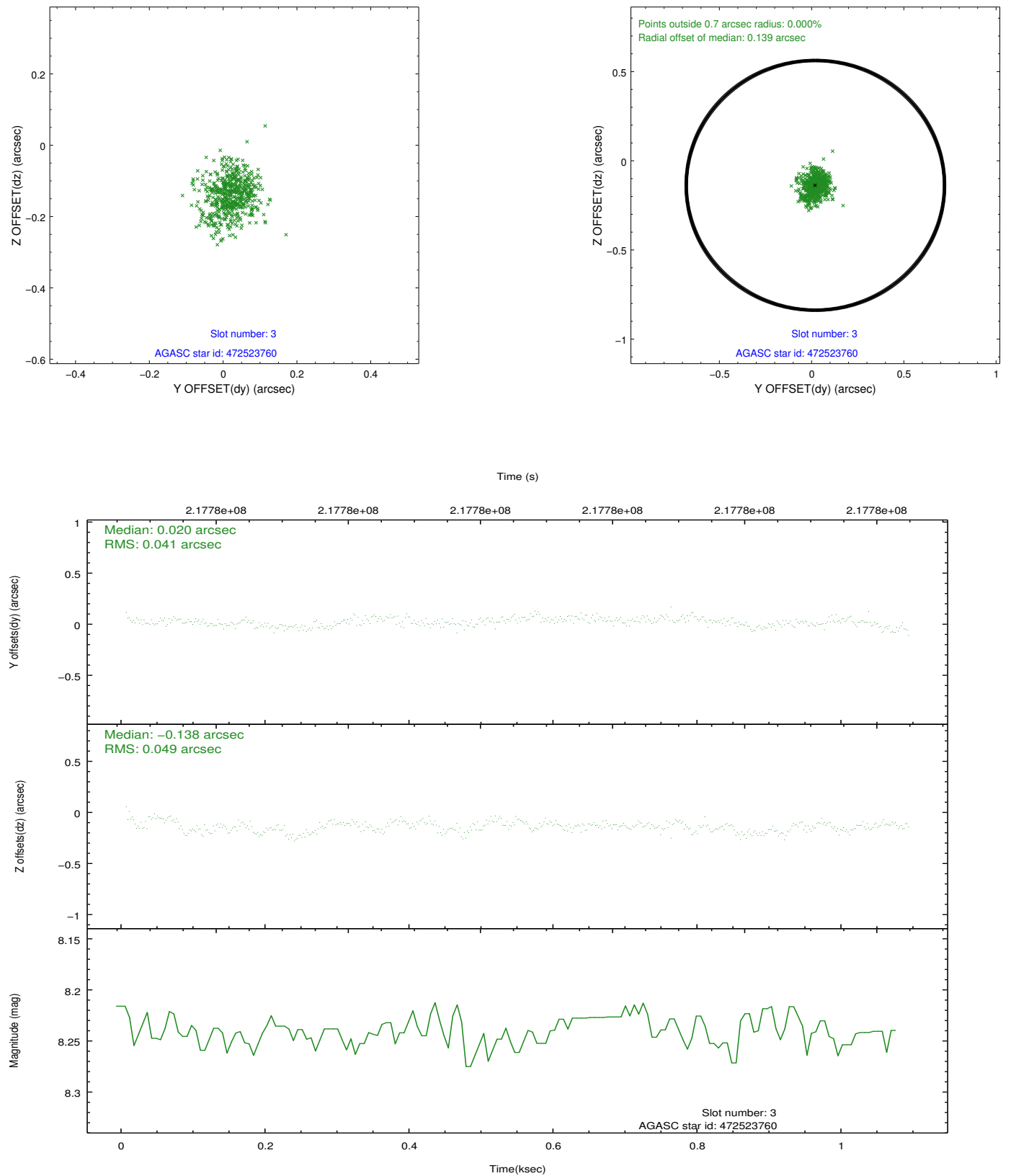


Slot Statistics

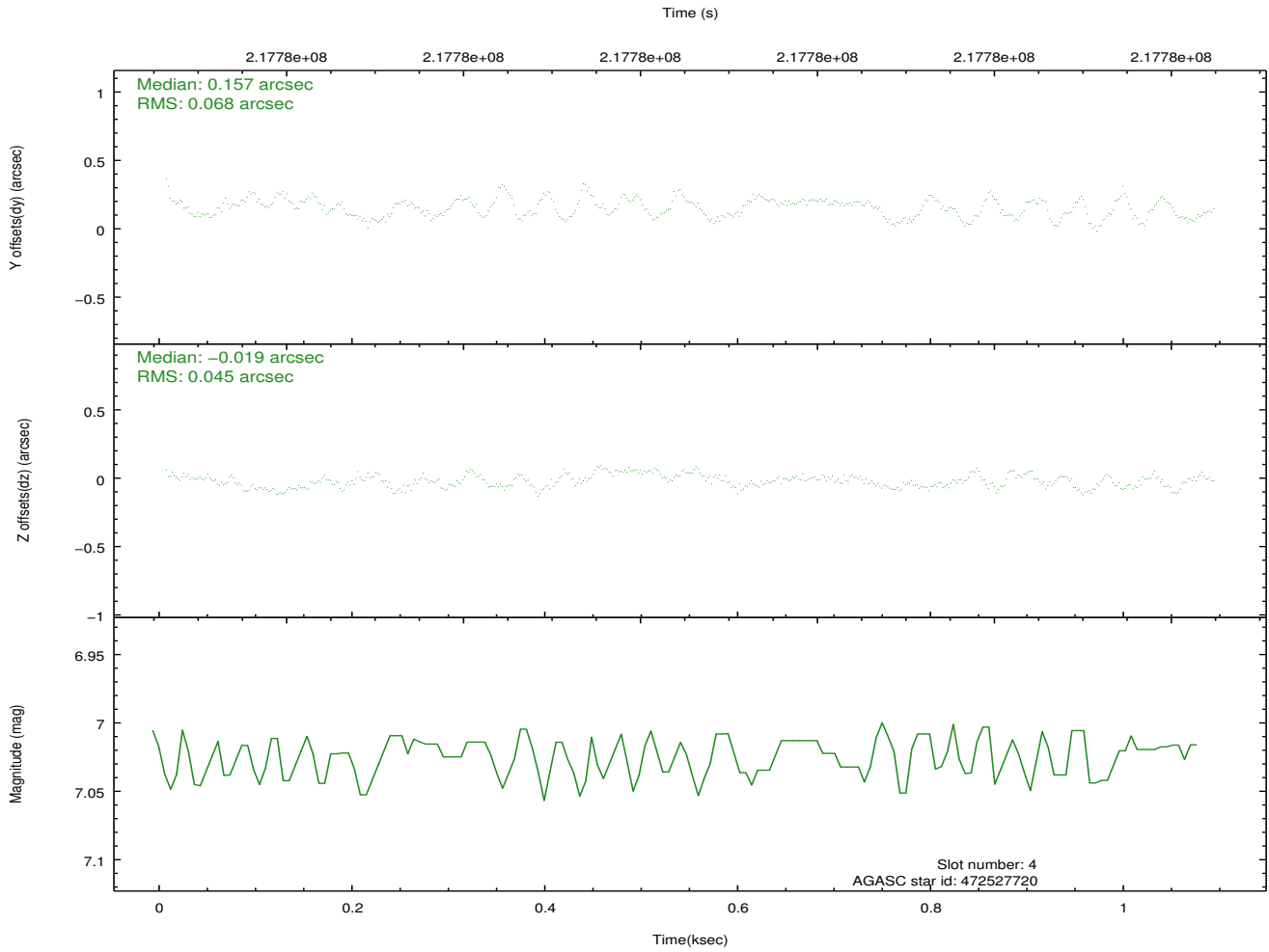
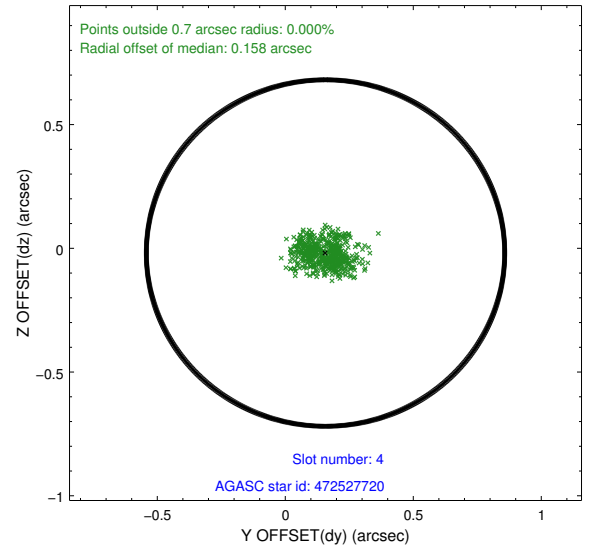
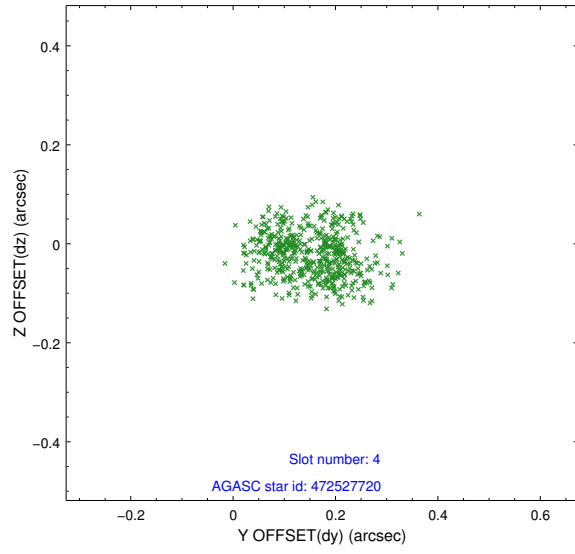
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.01	264	0.035	-0.010	0.007	0.012	0.000000	0.000000	-762.81	-1295.13
1	FID	HRC-I-3	7.10	265	-0.069	-0.046	0.006	0.011	0.000000	0.000000	-1194.19	1004.53
2	FID	HRC-I-4	7.06	265	0.147	-0.032	0.006	0.009	0.000000	0.000000	1275.68	1010.73
3	GUIDE	472523760	8.24	531	0.020	-0.138	0.069	0.109	331.645363	45.403260	1034.08	-1414.89
4	GUIDE	472527720	7.02	531	0.157	-0.019	0.089	0.136	331.460205	45.112509	1925.94	-2141.38
5	GUIDE	472533912	9.16	531	-0.138	0.116	0.088	0.134	331.791136	46.368695	-2227.88	-173.50
6	GUIDE	472655152	9.43	531	0.032	0.049	0.112	0.193	332.504239	45.862991	-25.96	1094.76
7	GUIDE	472659832	9.47	530	-0.066	-0.023	0.101	0.154	332.780399	46.098139	-673.02	1974.60

2.4 Star Slots

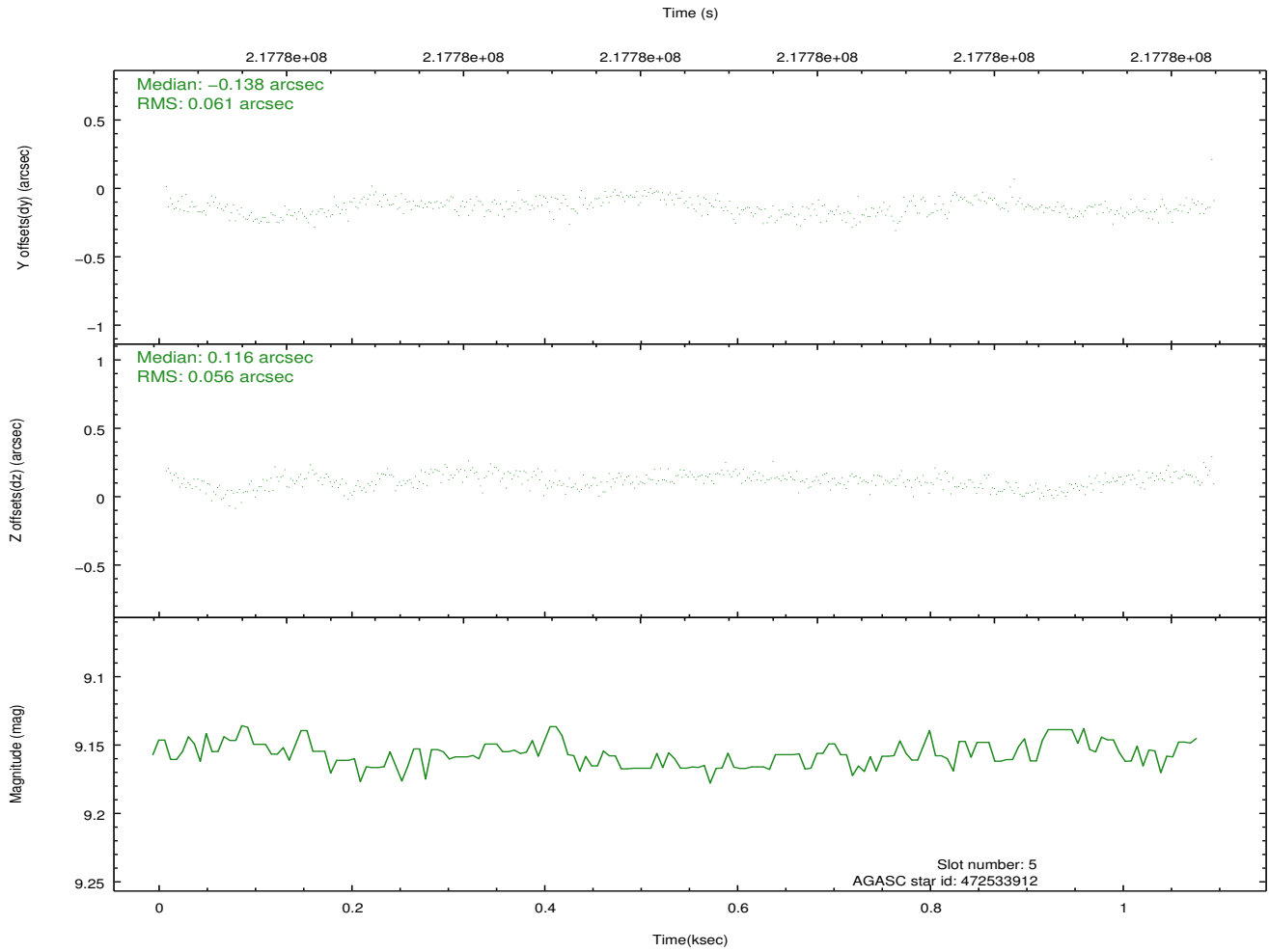
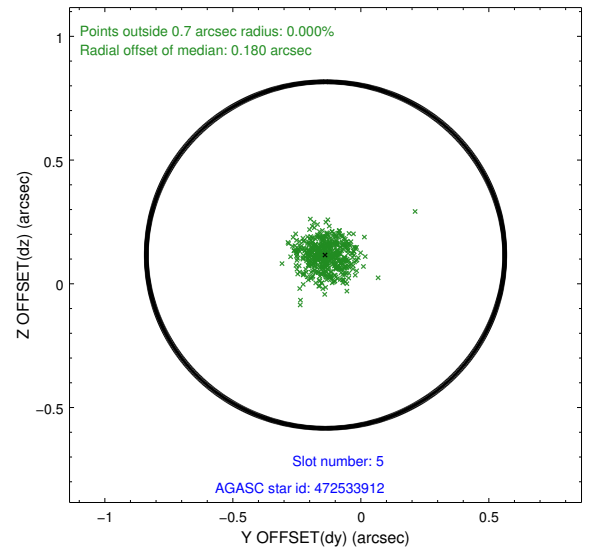
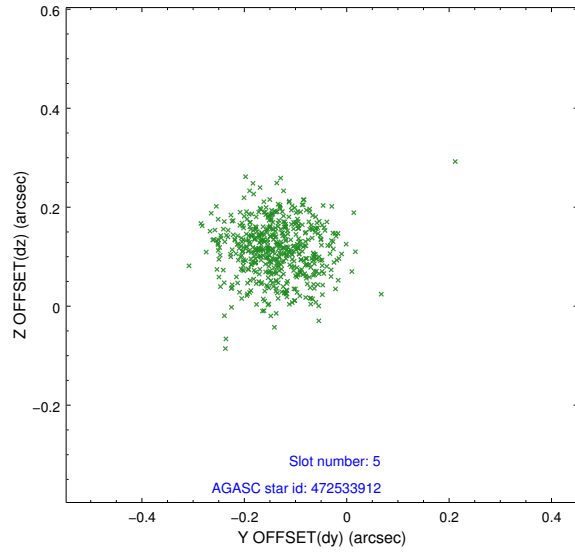
2.4.1 Slot 3



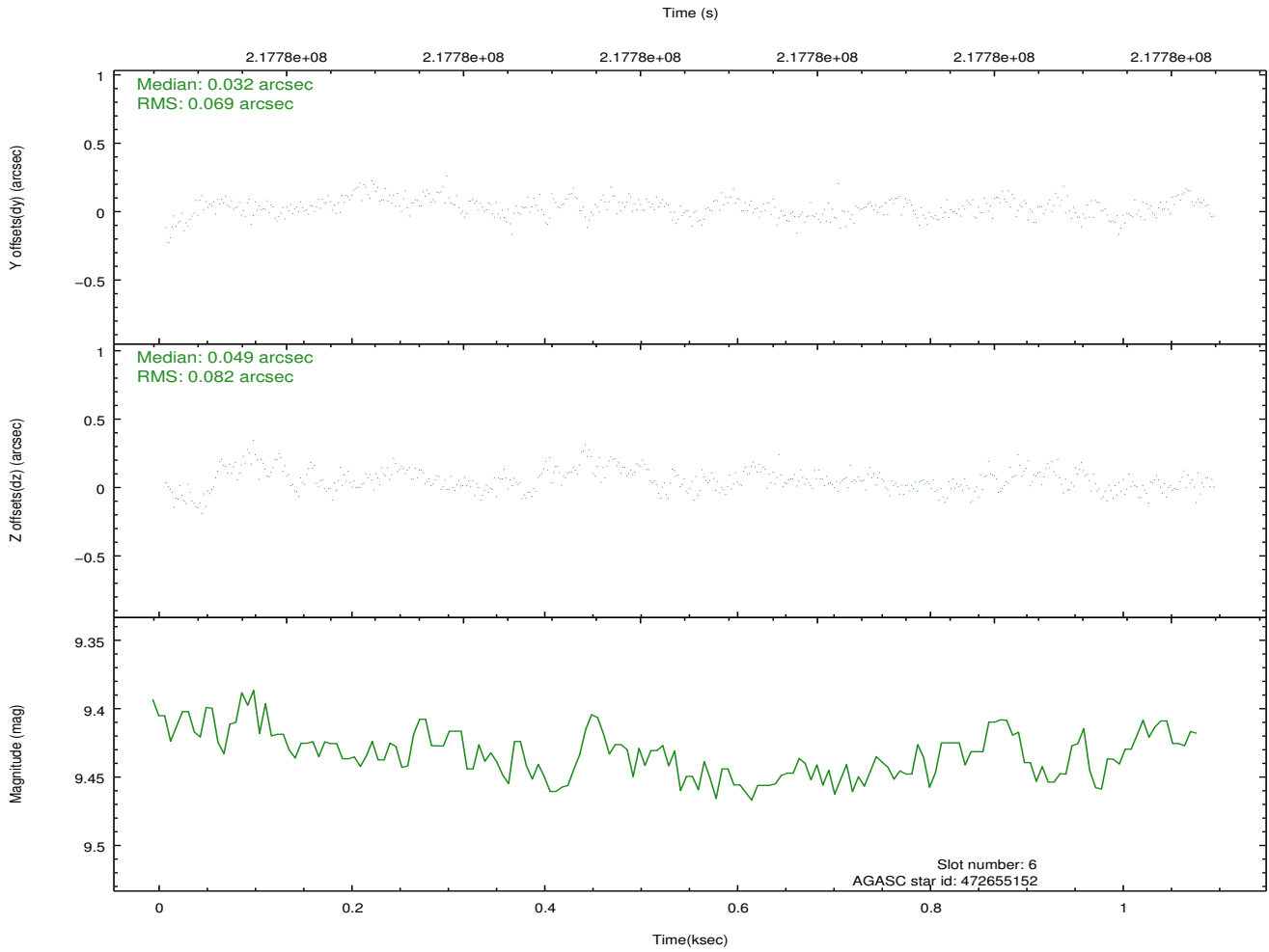
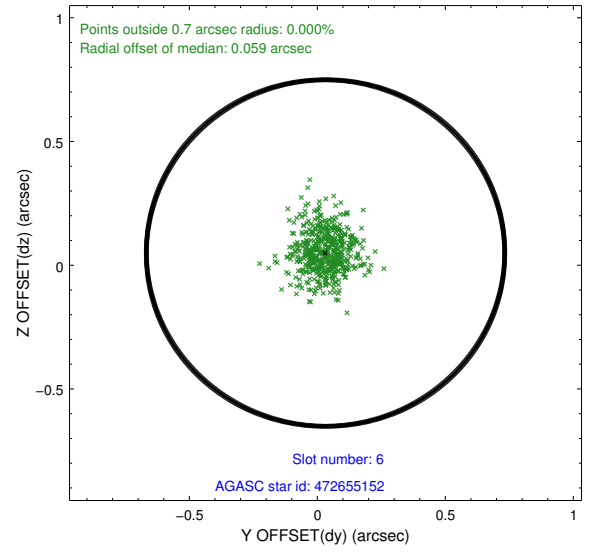
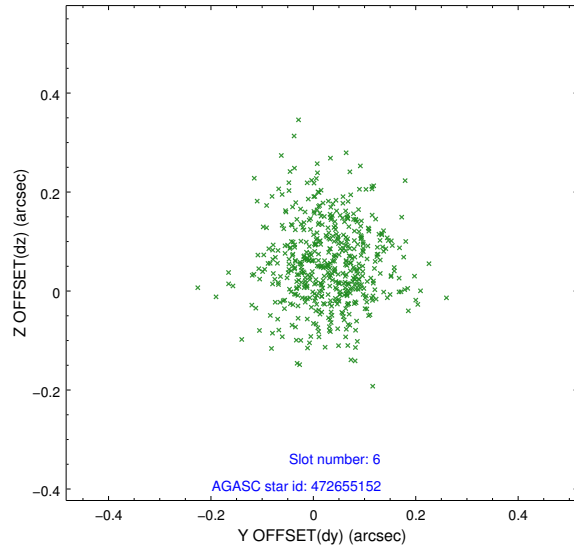
2.4.2 Slot 4



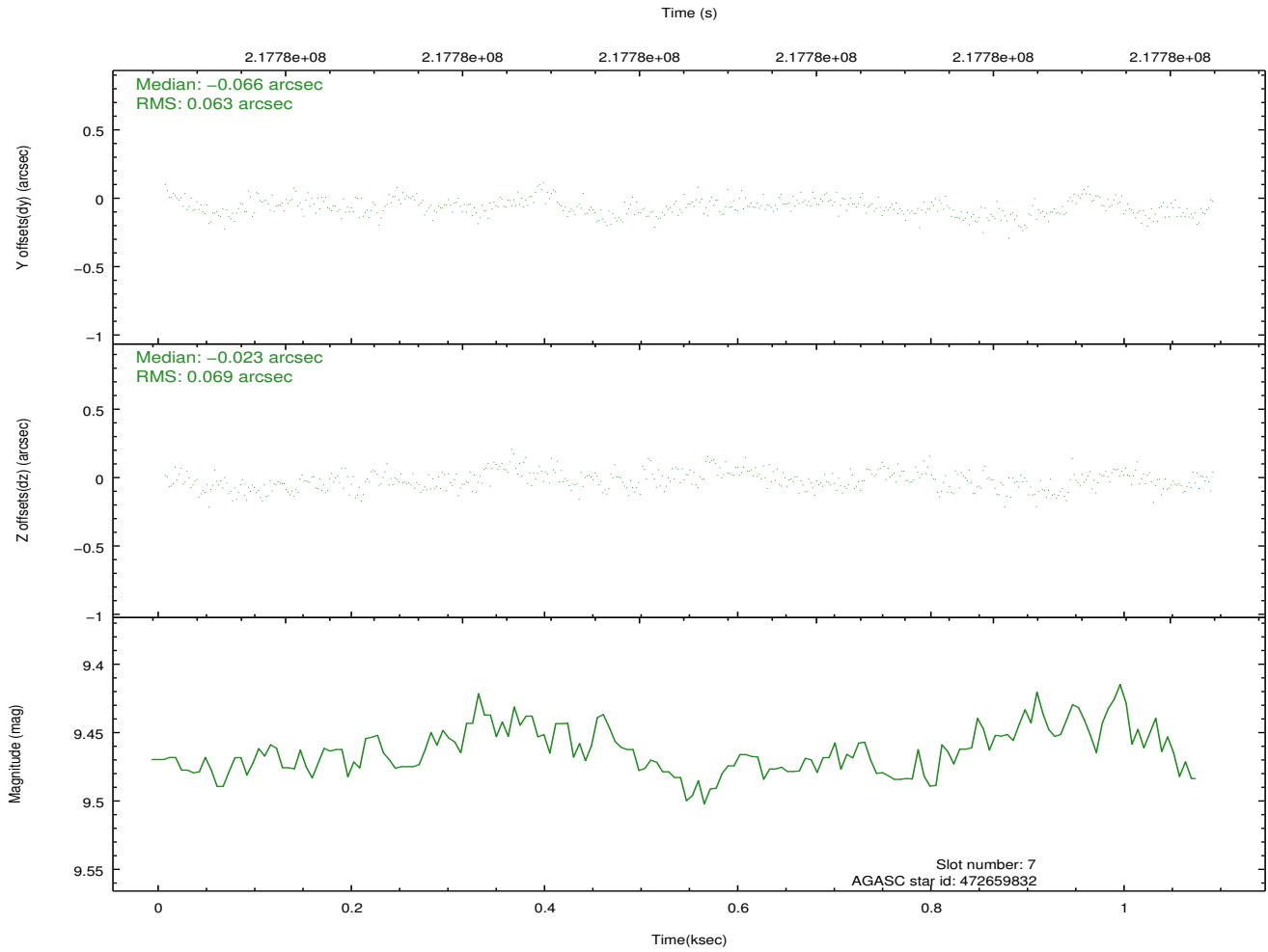
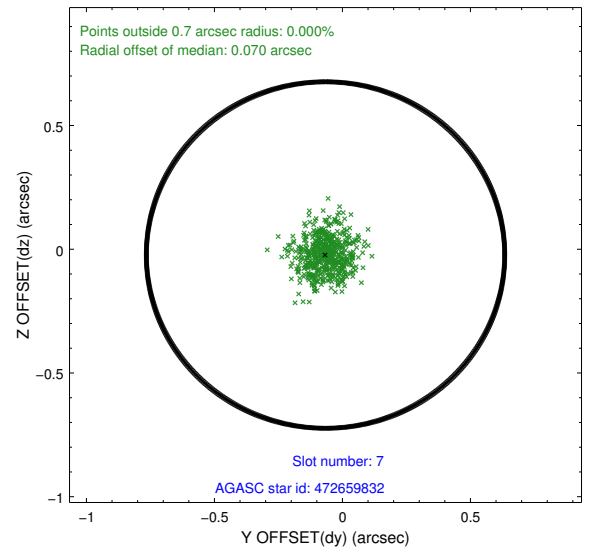
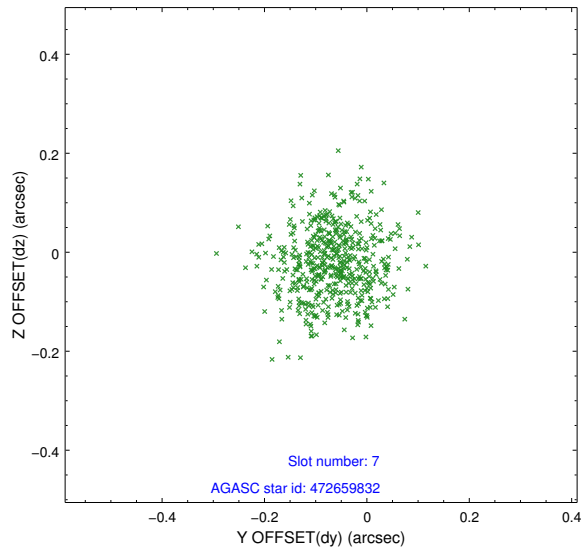
2.4.3 Slot 5



2.4.4 Slot 6

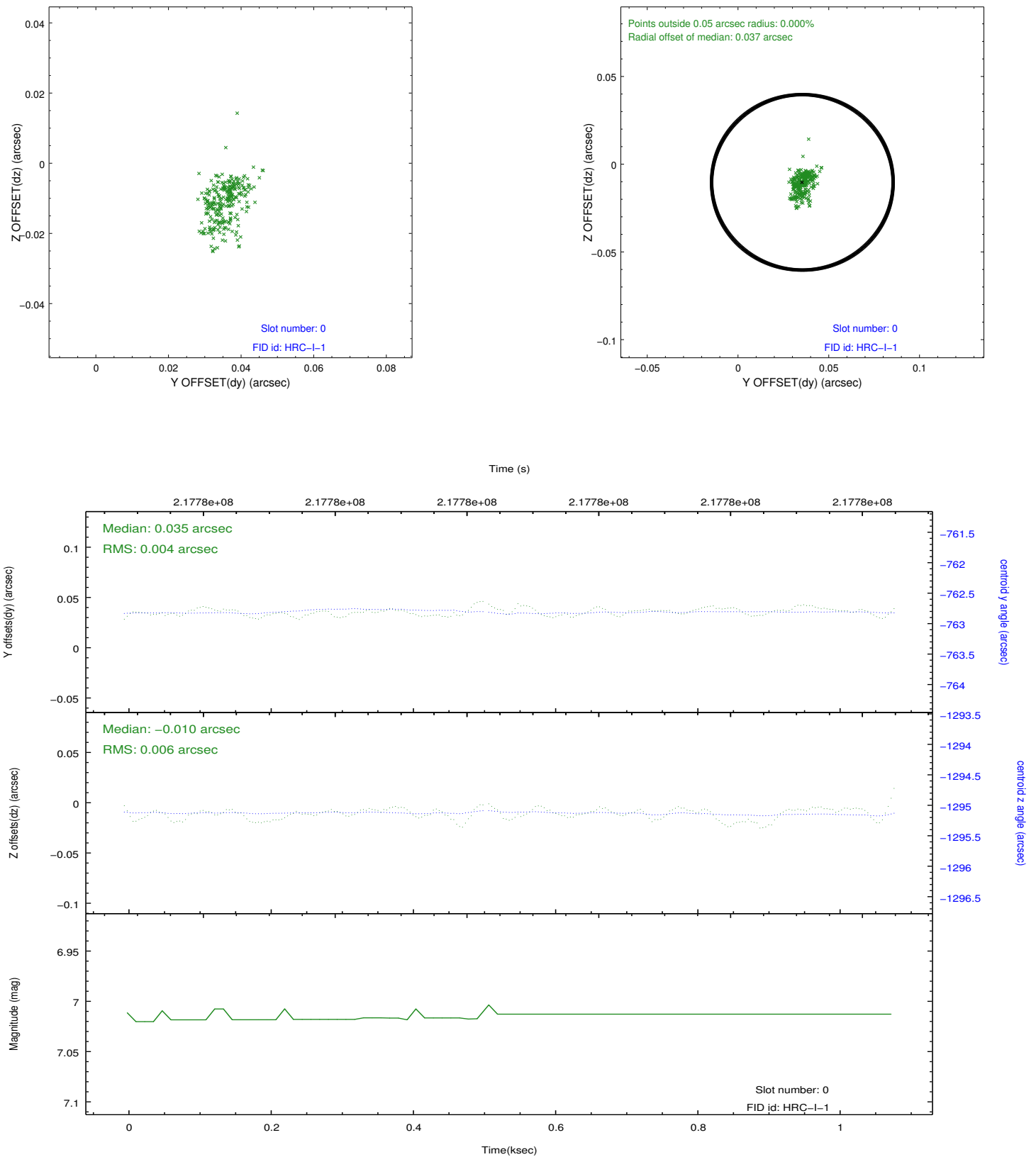


2.4.5 Slot 7

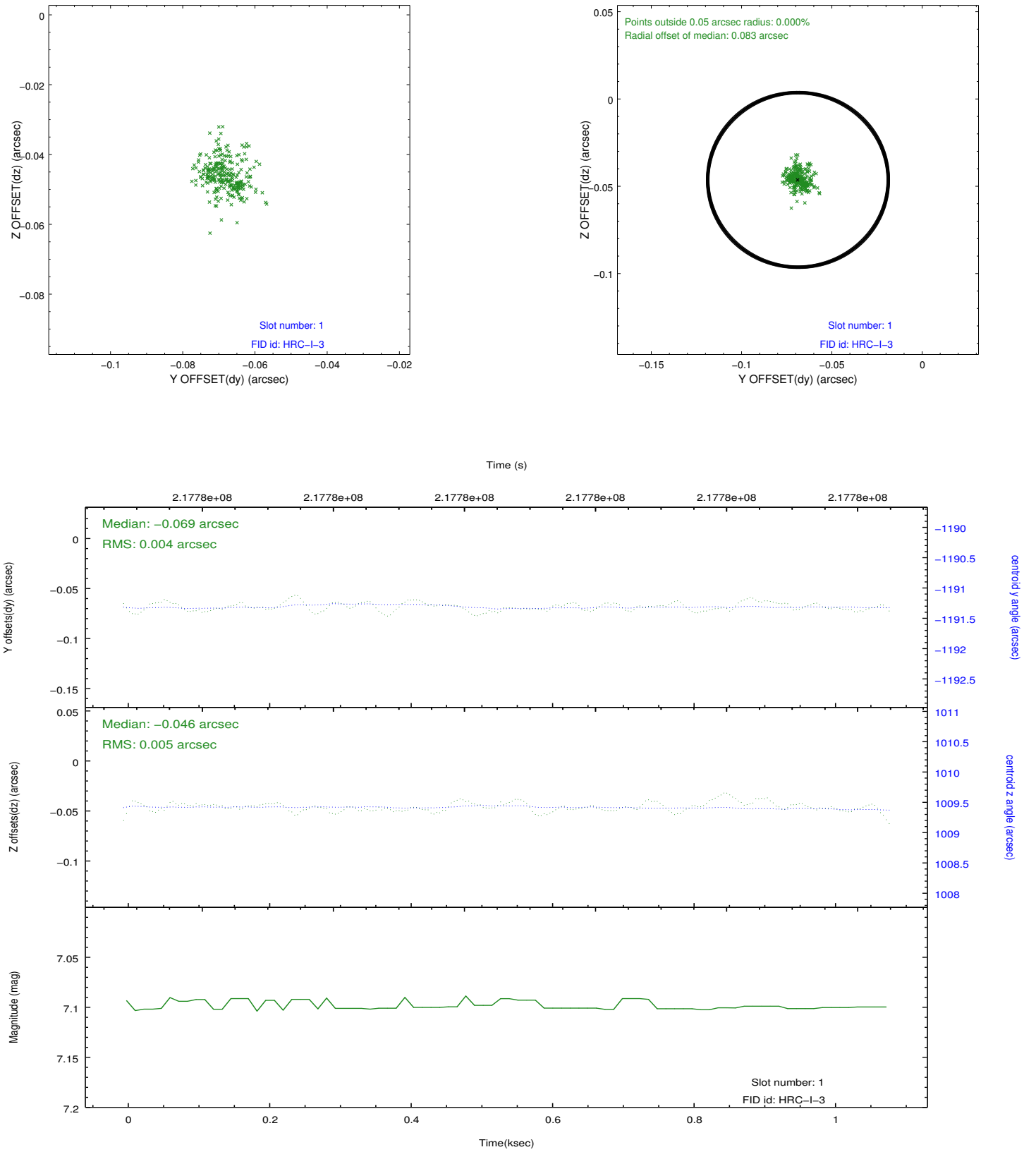


2.5 FID Slots

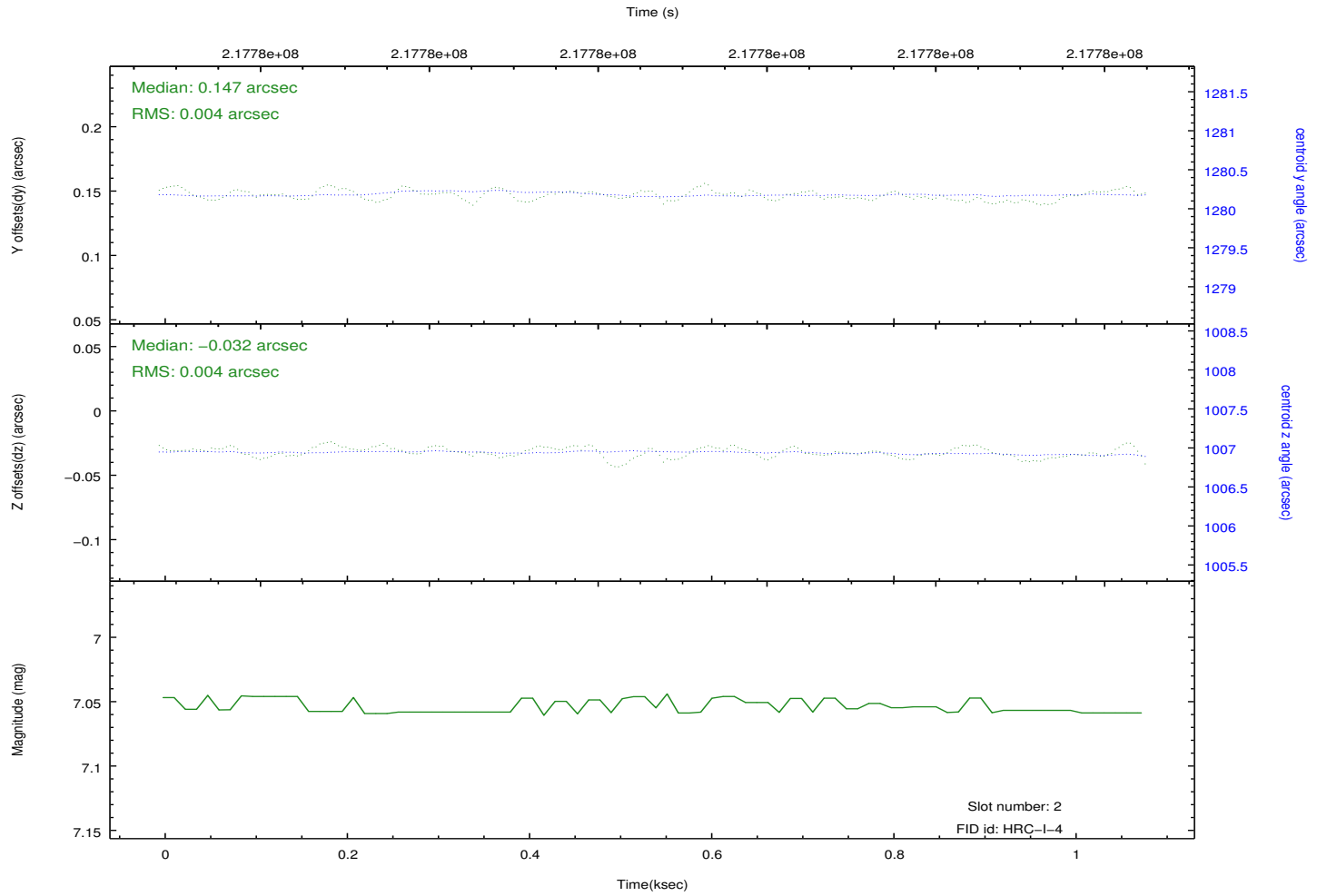
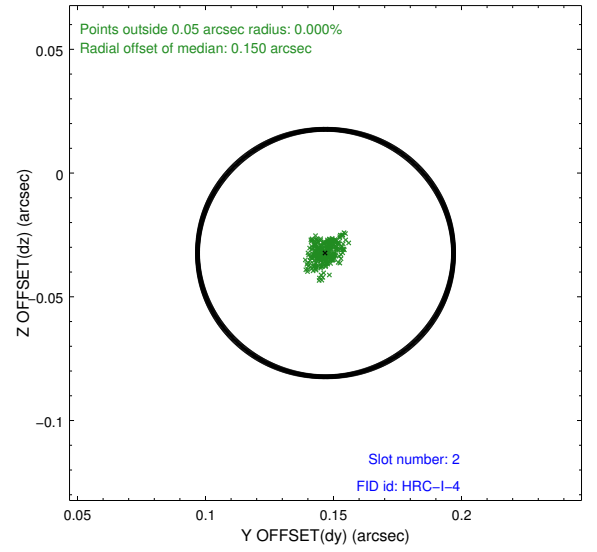
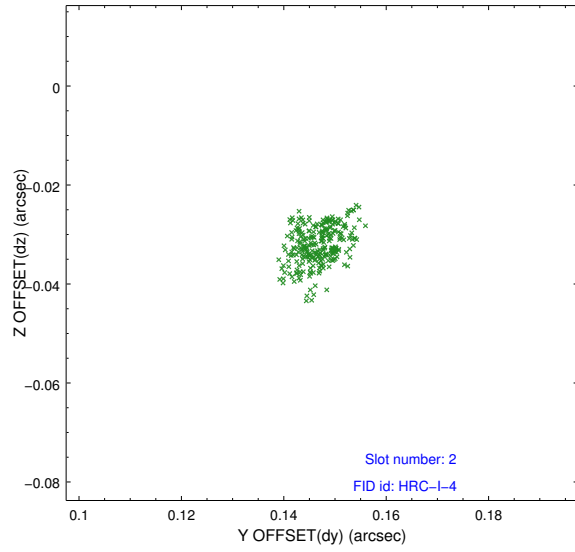
2.5.1 Slot 0



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)	2012.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.085731

A.2 Comments