

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2609 - L2 Version 4
Chandra X-Ray Center

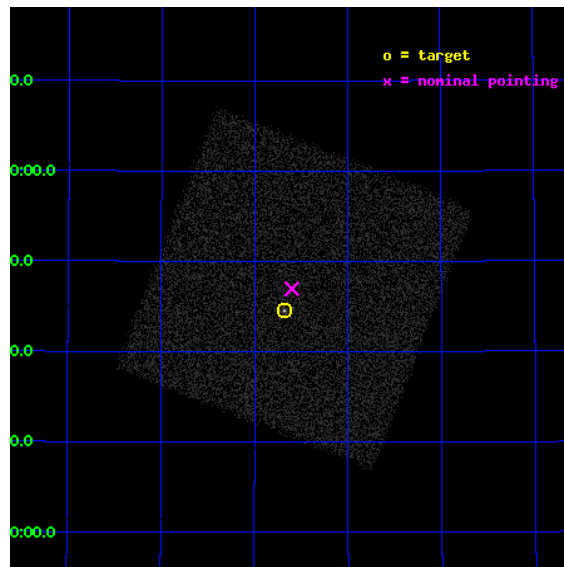
L2 Processing Date : Oct 1 2012

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1 Front

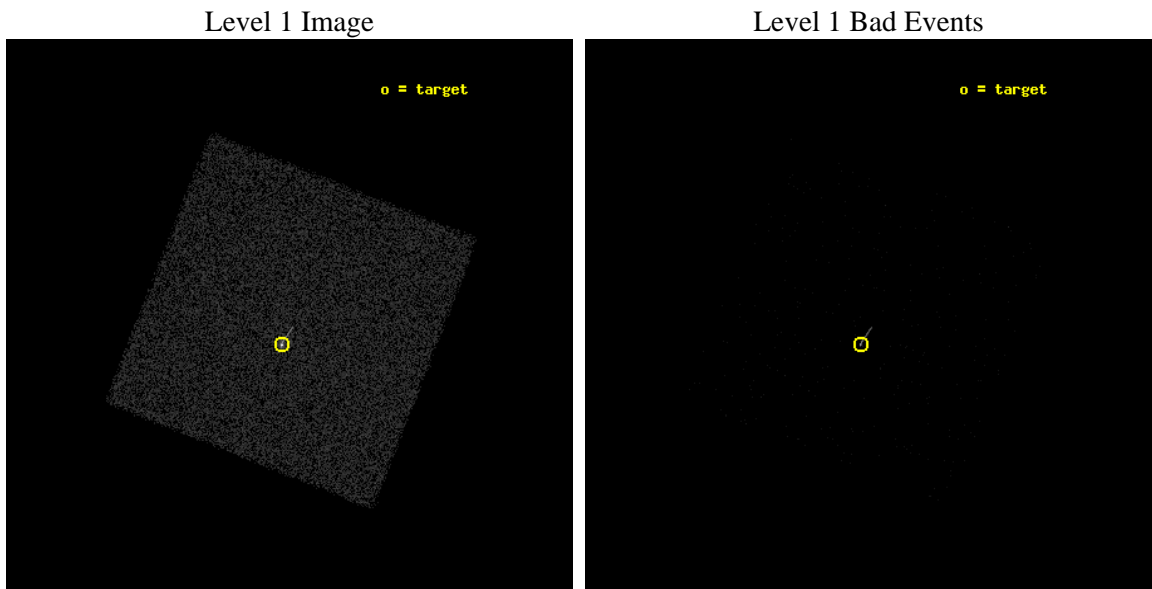
seq_num	290165	Sequence number
obs_id	2609	Observation id
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal tit
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.14997984849	Nominal RA [deg]
dec_nom	45.783034574903	Nominal Dec [deg]
roll_nom	336.47506696672	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1194.3812981397	[s]
livetime	1187.7208538284	Ontime multiplied by DTCOR
l2events	37675	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1194.3812981397	[s]
caldbver	4.5.2	 	l1events	68138	Number of level 1 events
date	2012-10-01T03:04:04	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

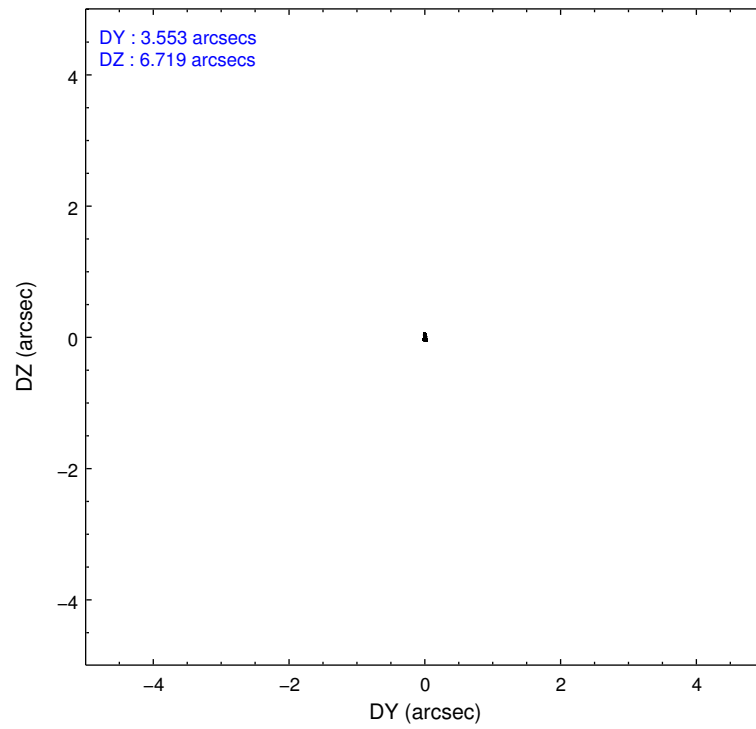
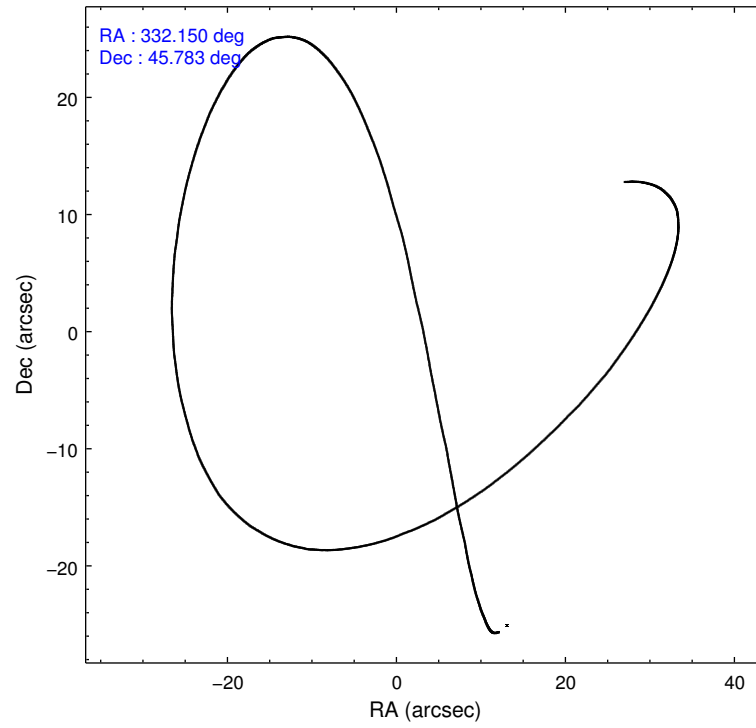
	segment 0
level 1 events	68138
rejected events	14286
rejected %	20%

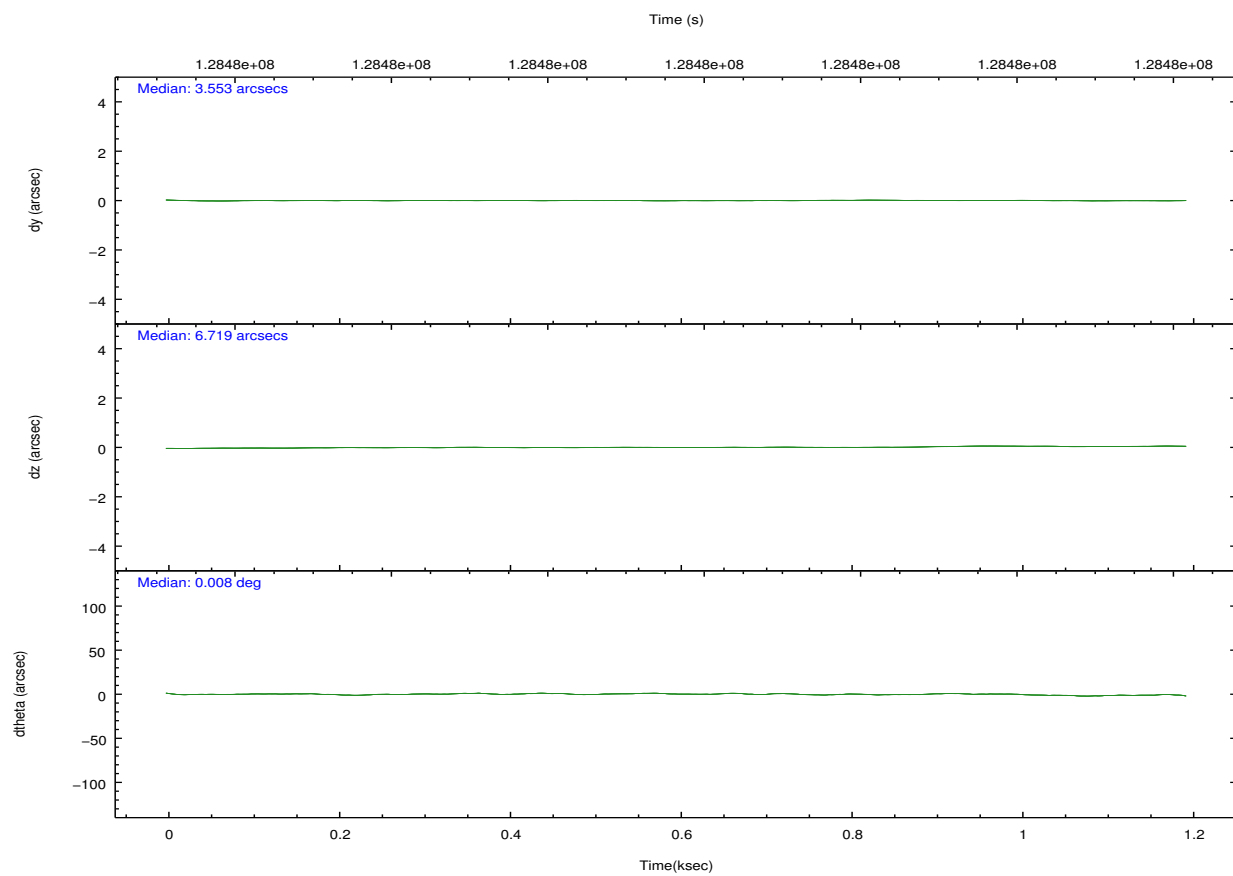
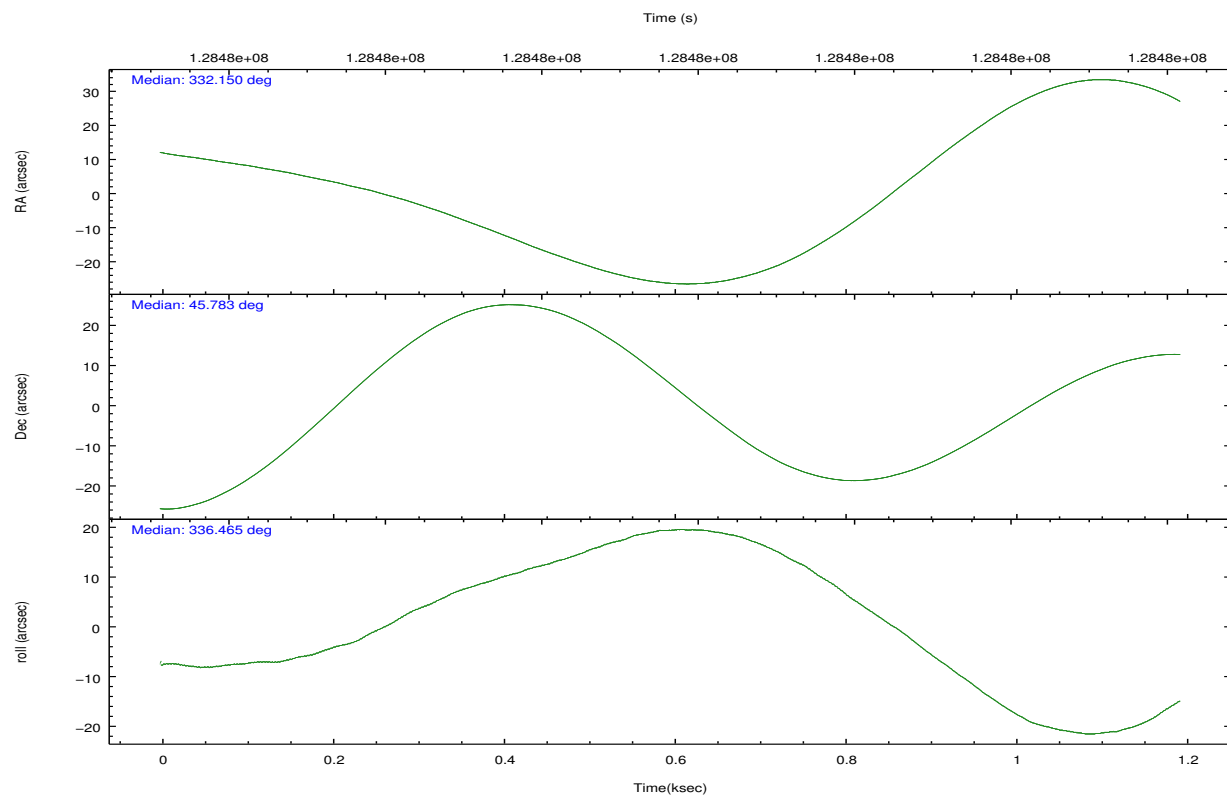
2.2 Compared Parameters

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	332.110793	332.1499798484865
[deg] Pointing Dec	45.779453	45.78303457490346
[deg] Pointing Roll	336.598694	336.4750669667166
[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)	128481359.184000	128480983.00238
Observation start date	2002-01-27T01:14:55	2002-01-27T01:09:43
[s] Observation end time (MET)	128482359.184000	128482493.33994
Observation end date	2002-01-27T01:31:35	2002-01-27T01:34:53

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

2.3 Aspect



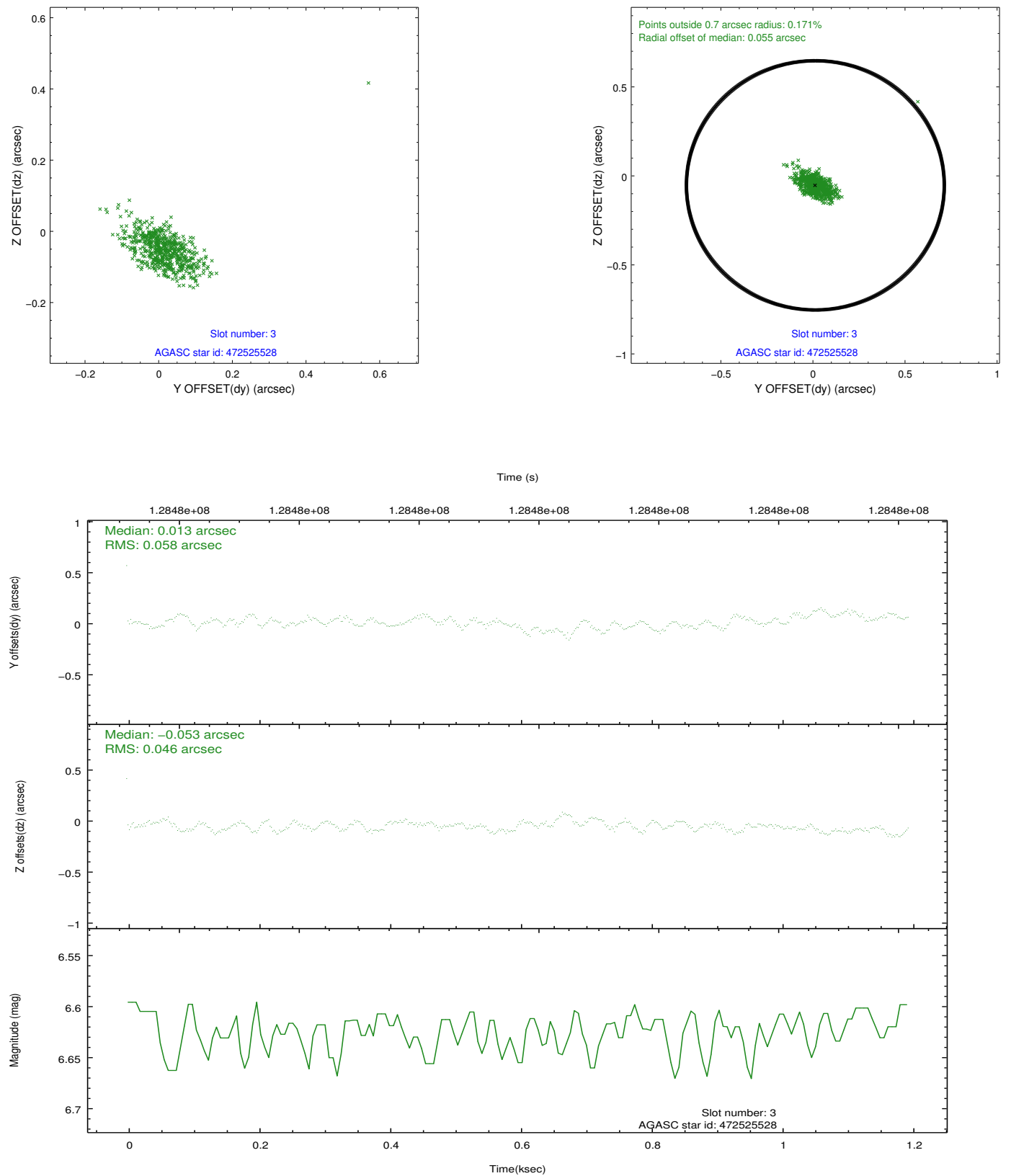


Slot Statistics

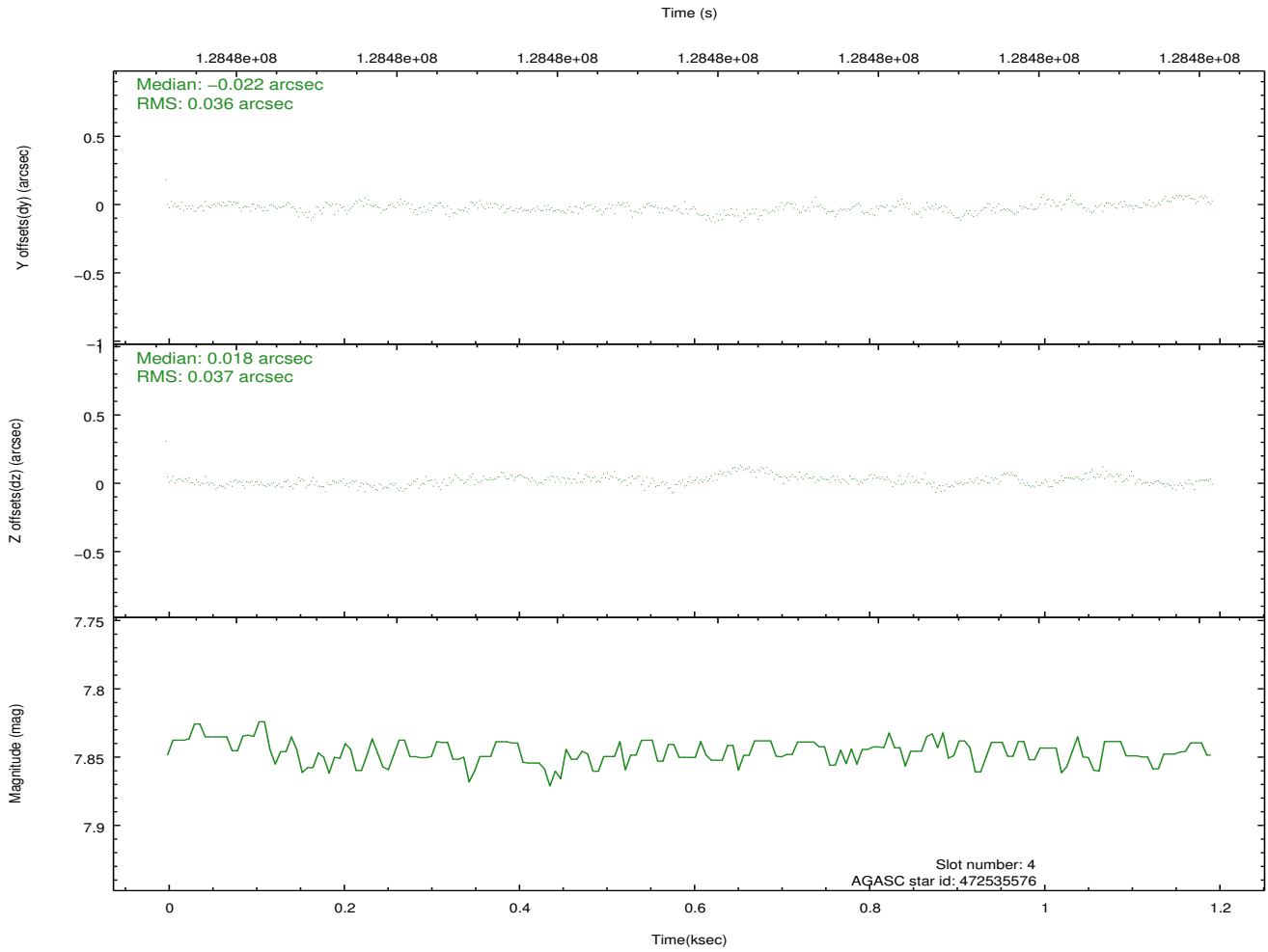
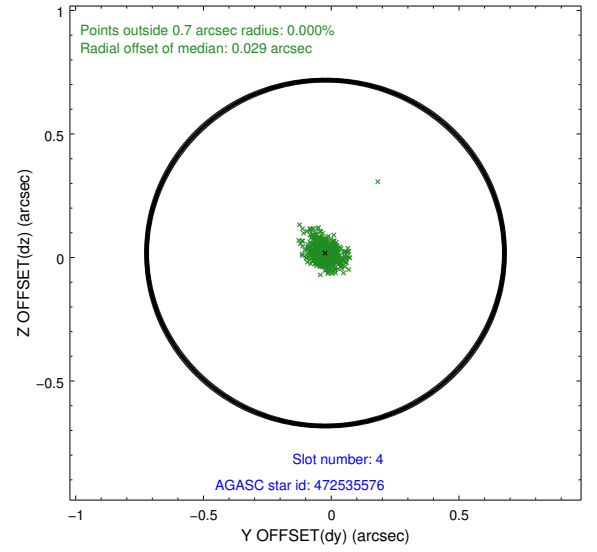
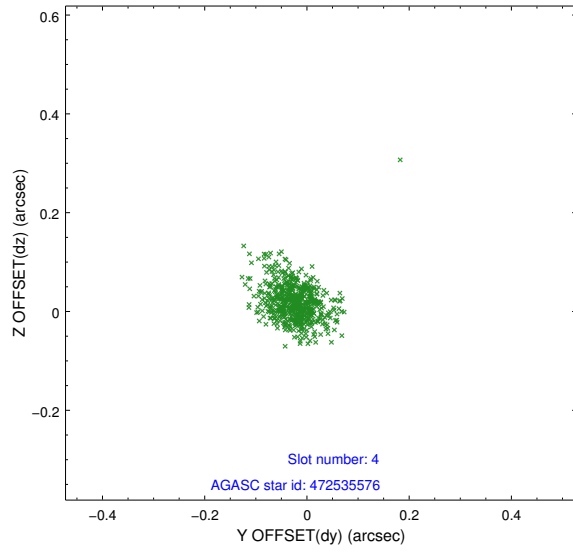
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	292	0.025	0.026	0.007	0.020	0.000000	0.000000	-759.00	-1294.60
1	FID	HRC-I-2	7.00	292	0.072	-0.061	0.006	0.024	0.000000	0.000000	851.09	-1300.66
2	FID	HRC-I-3	7.04	292	0.023	-0.054	0.006	0.010	0.000000	0.000000	-1184.61	1005.42
3	GUIDE	472525528	6.62	584	0.013	-0.053	0.069	0.122	331.551102	45.248694	-546.32	-2313.35
4	GUIDE	472535576	7.85	584	-0.022	0.018	0.050	0.091	331.438373	46.291802	-2273.35	1029.83
5	GUIDE	472536328	8.12	584	-0.002	0.086	0.070	0.116	331.496671	46.454831	-2371.80	1632.58
6	GUIDE	472665256	9.01	584	-0.042	-0.045	0.097	0.174	332.808125	46.195041	991.38	2072.35
7	GUIDE	472654568	9.44	582	0.060	-0.031	0.120	0.212	332.194449	45.063576	1219.26	-2277.58

2.4 Star Slots

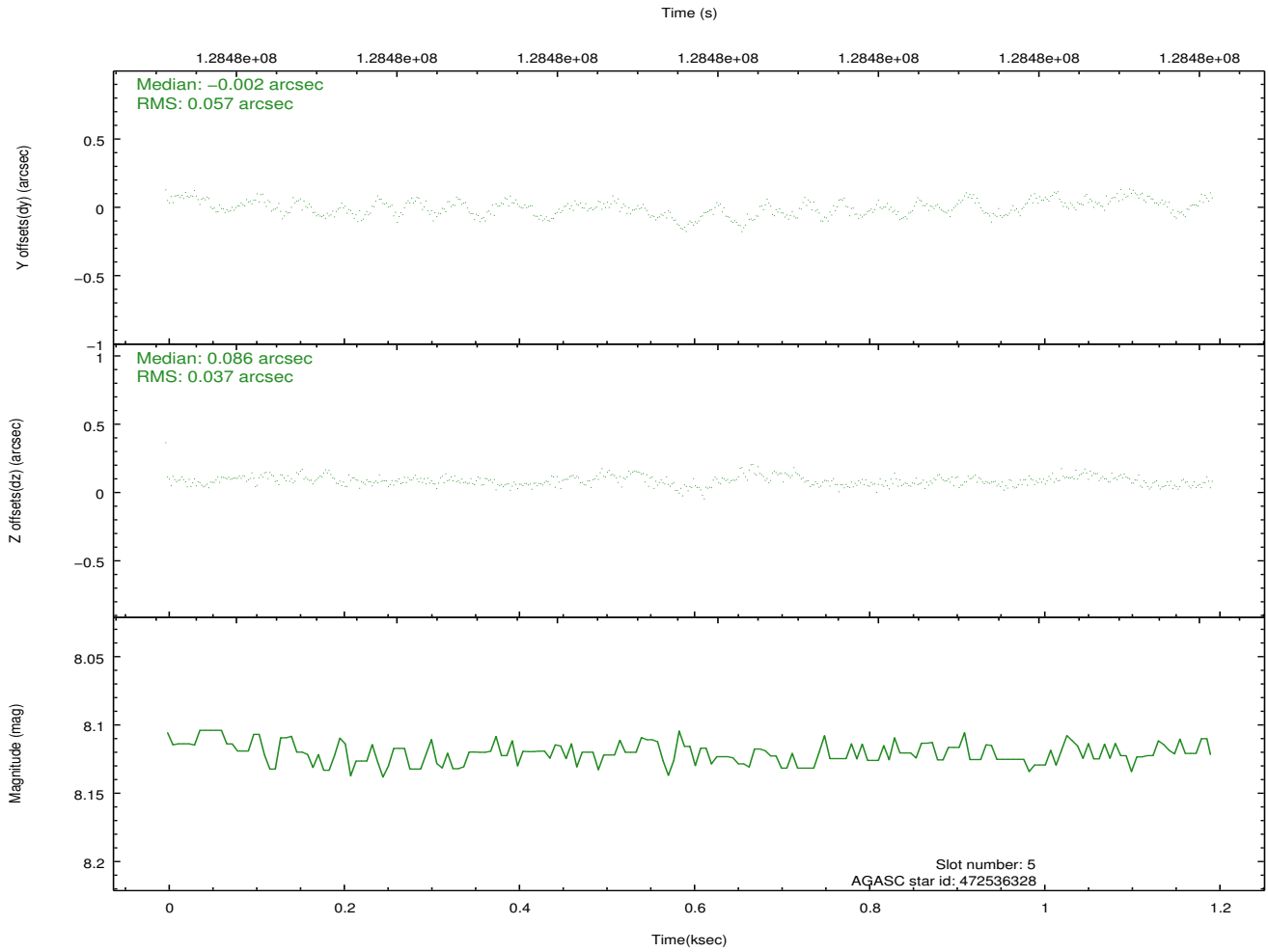
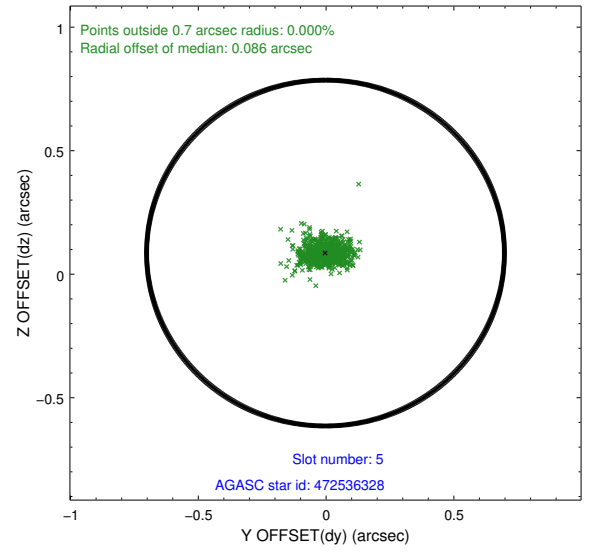
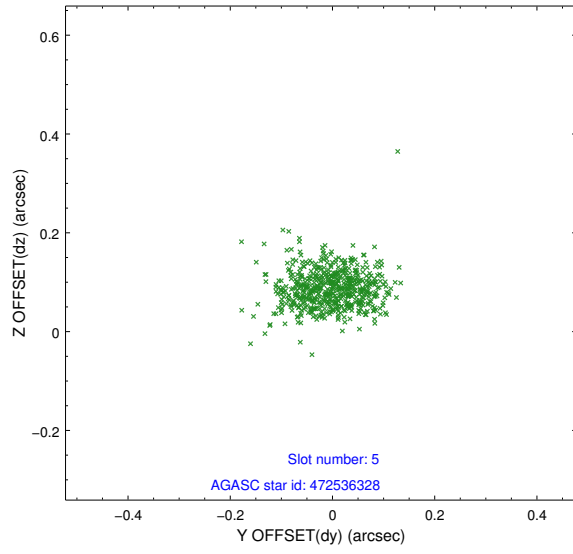
2.4.1 Slot 3



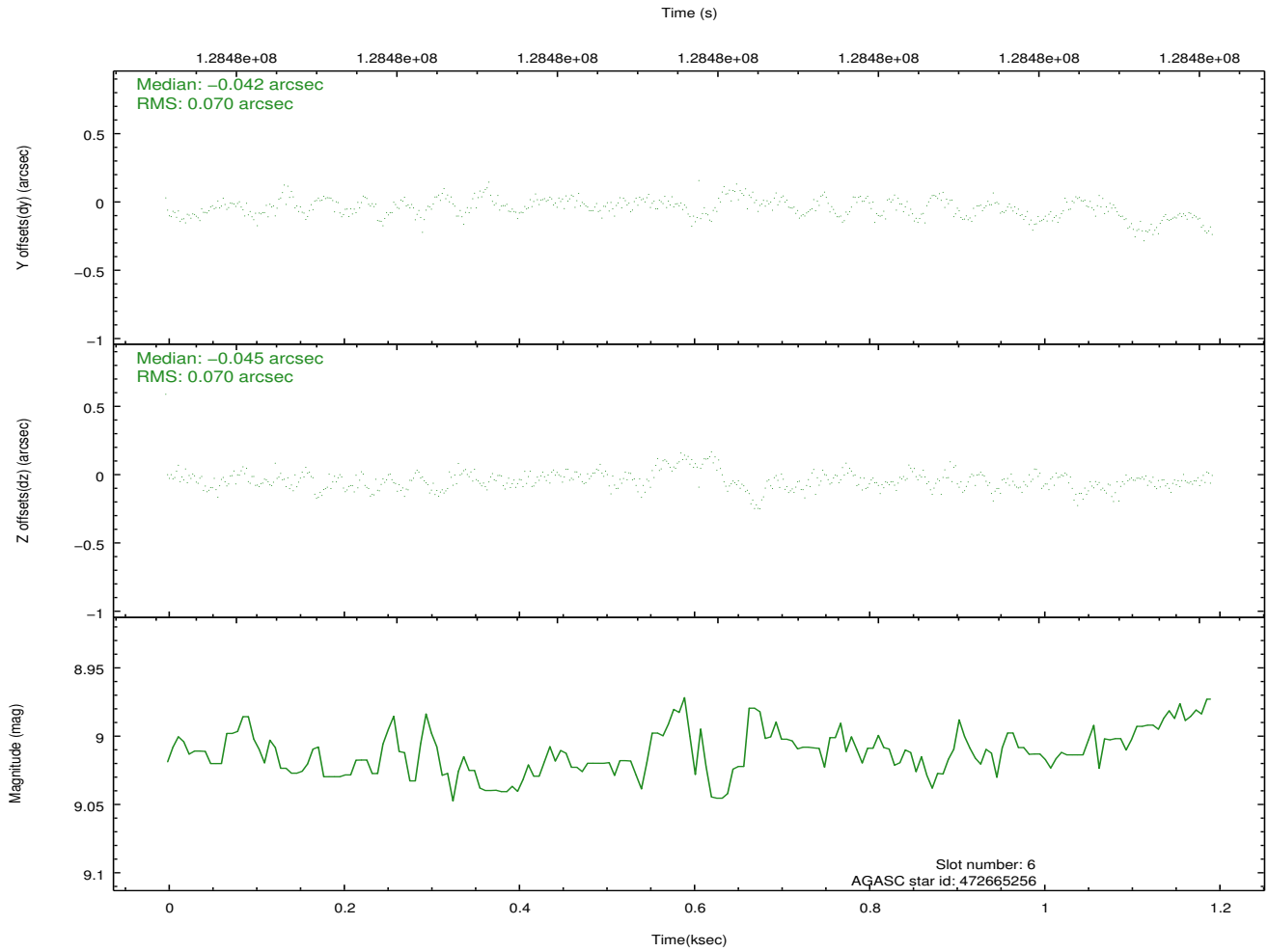
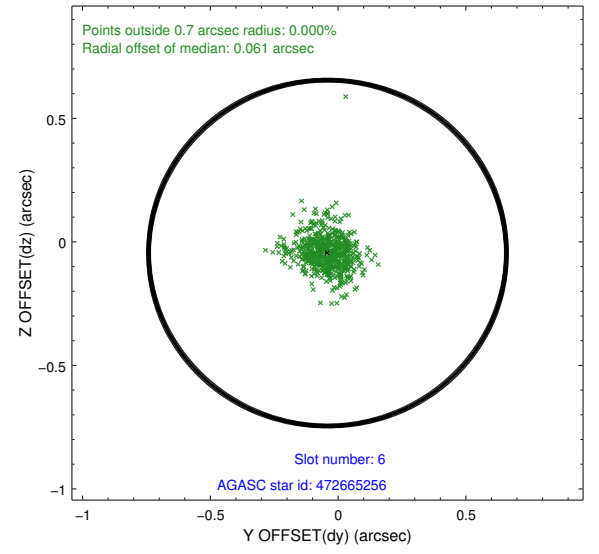
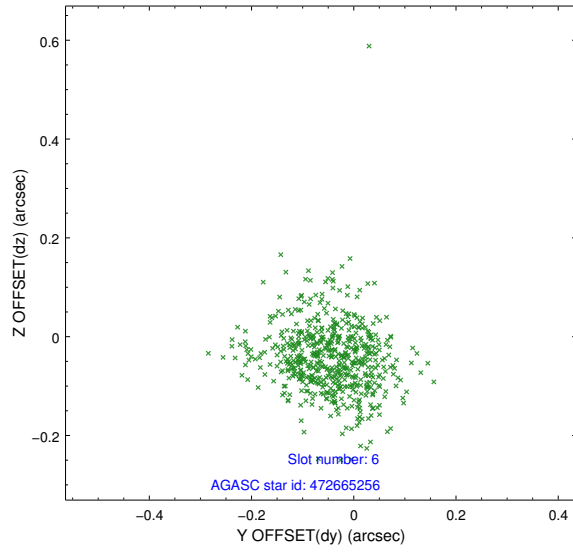
2.4.2 Slot 4



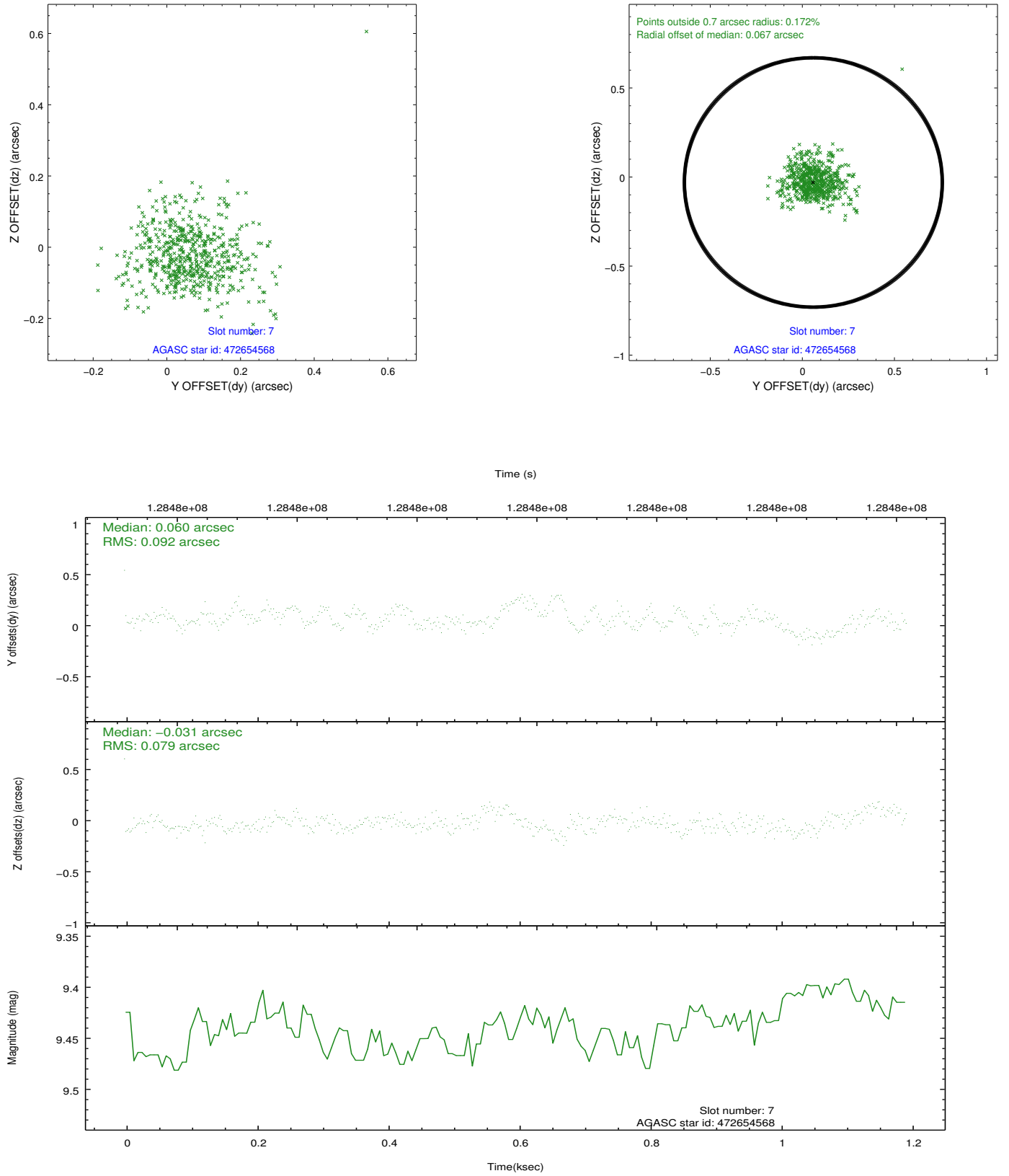
2.4.3 Slot 5



2.4.4 Slot 6

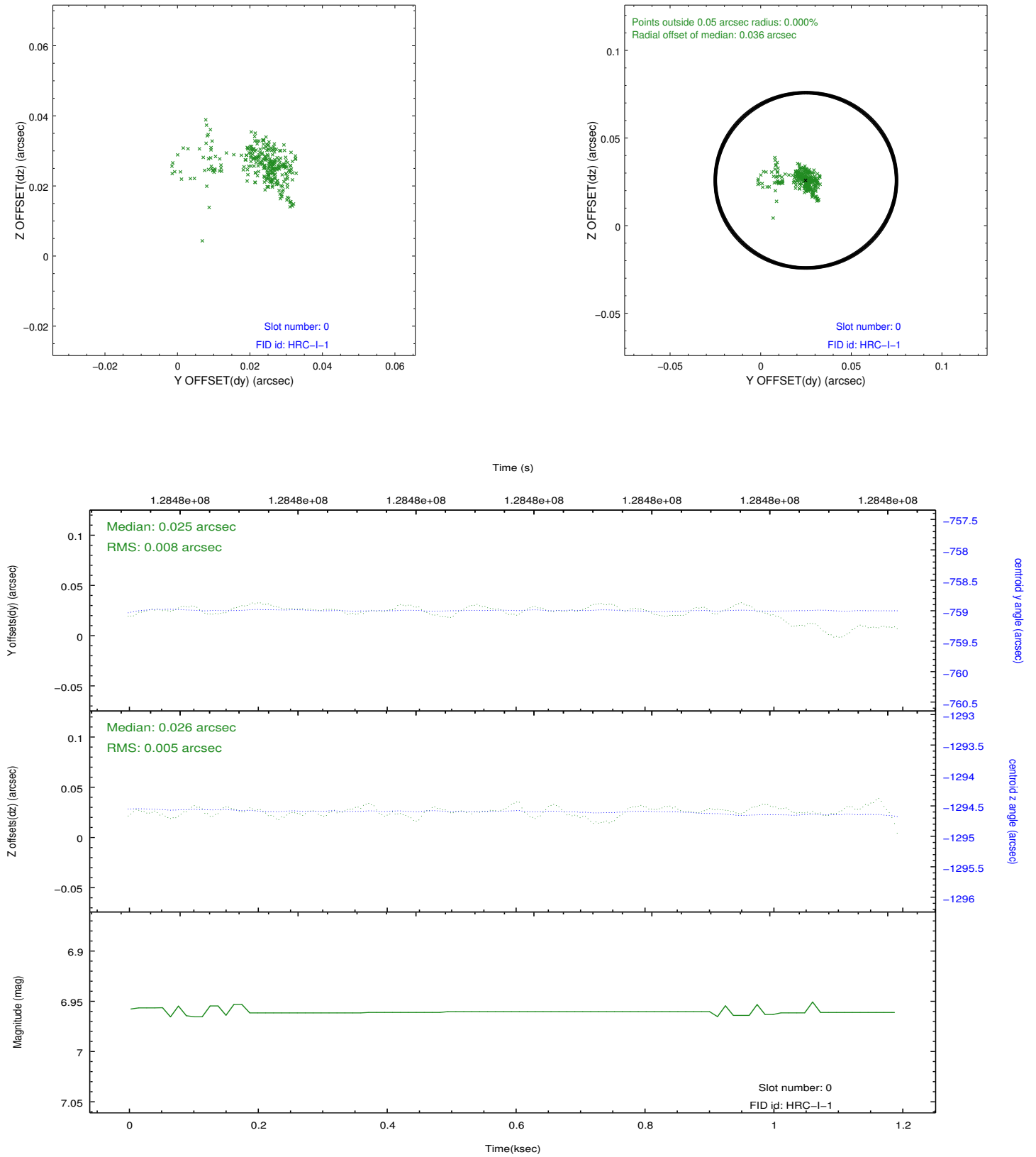


2.4.5 Slot 7

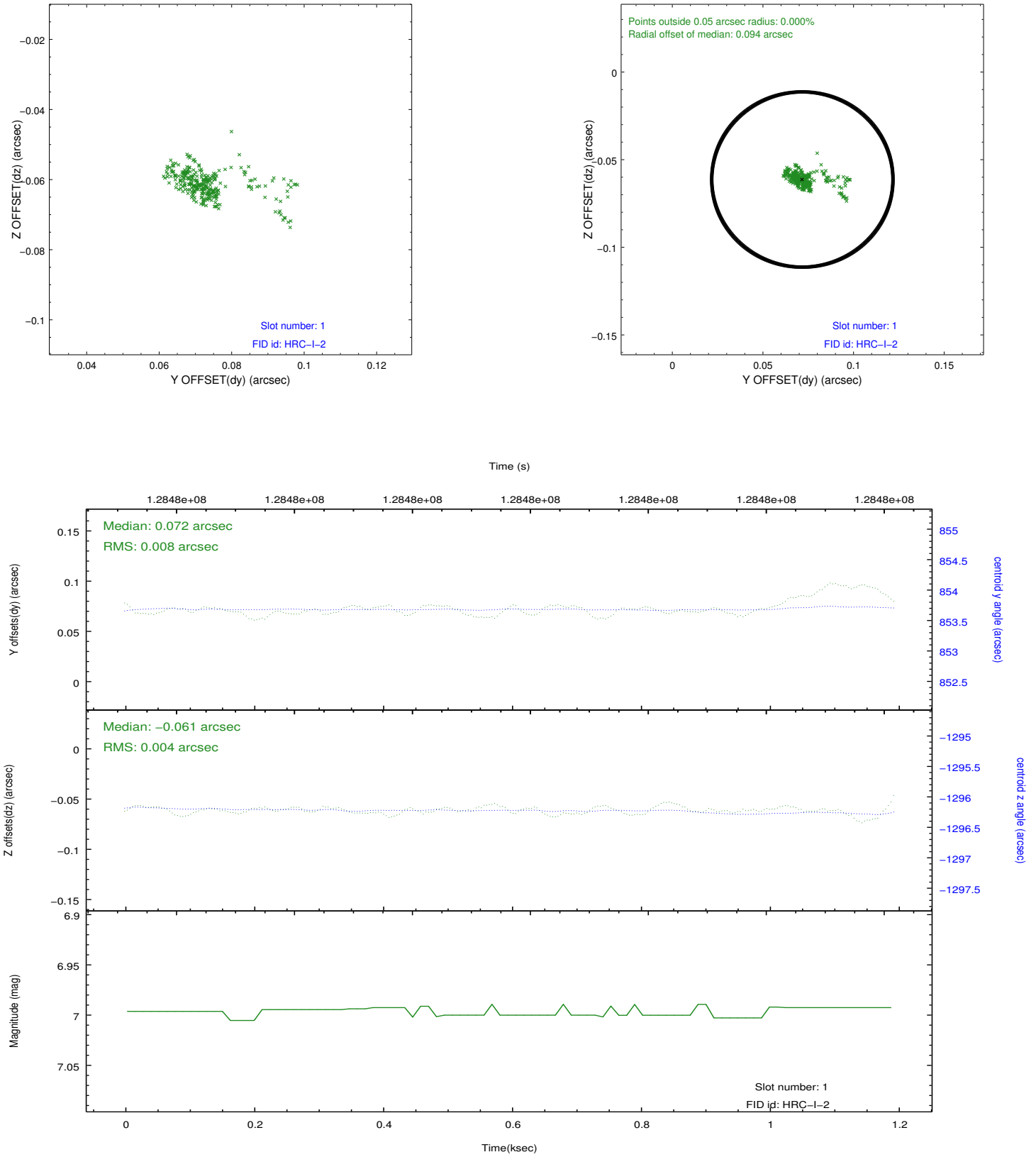


2.5 FID Slots

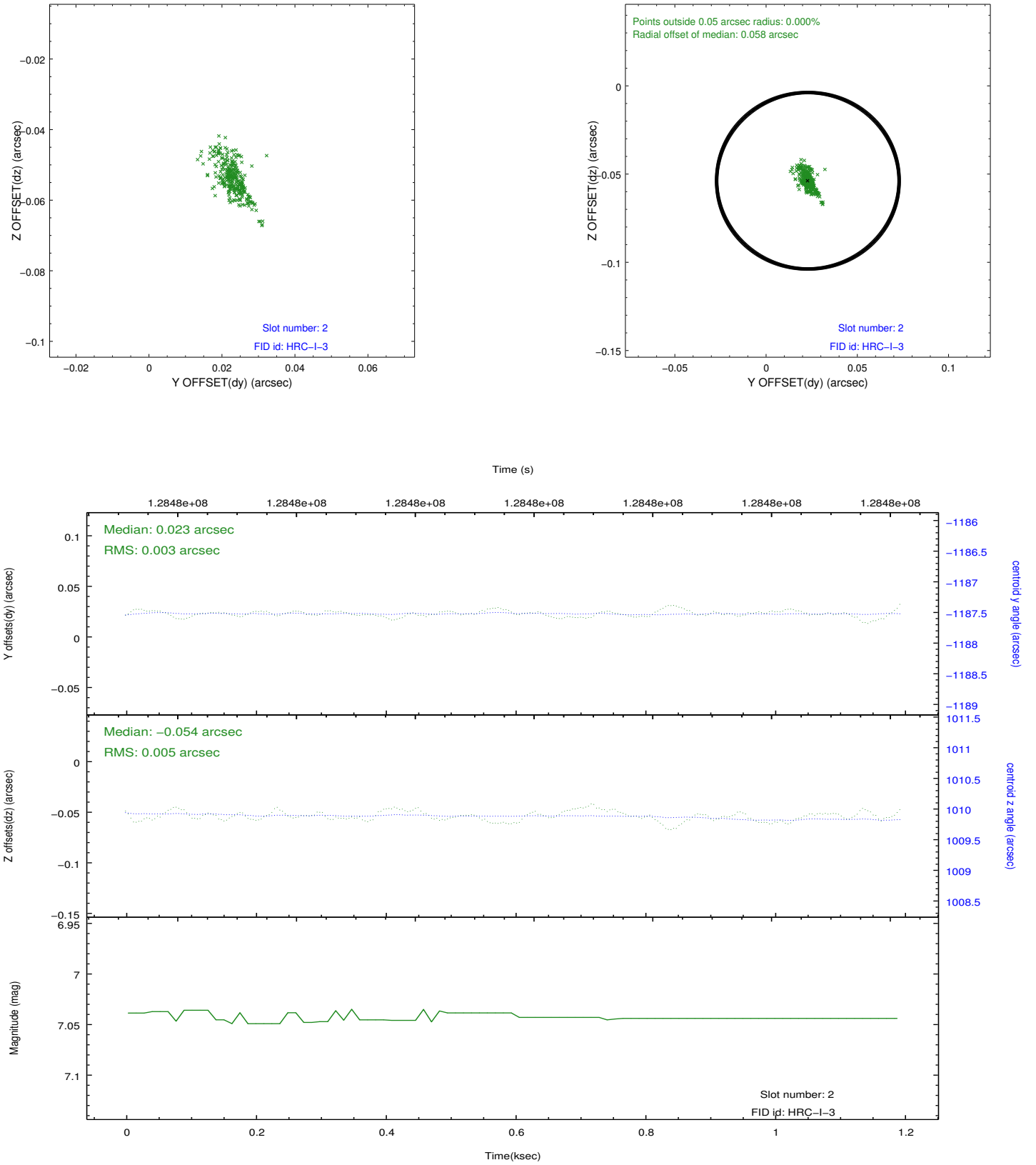
2.5.1 Slot 0



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)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.194

A.2 Comments