

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5992 - L2 Version 4
Chandra X-Ray Center

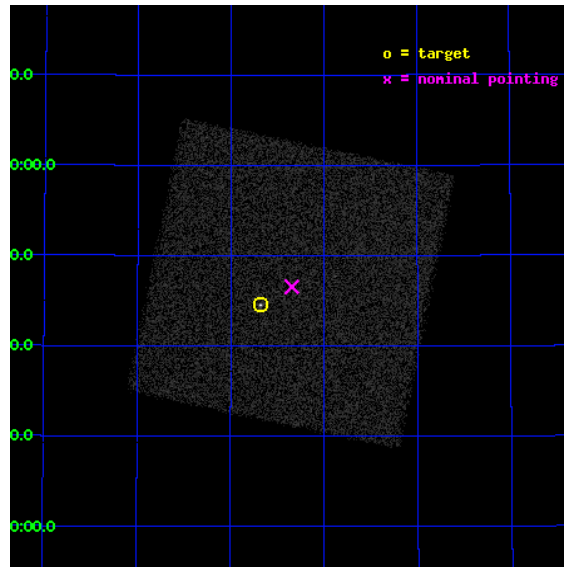
L2 Processing Date : Dec 30 2012

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1 Front

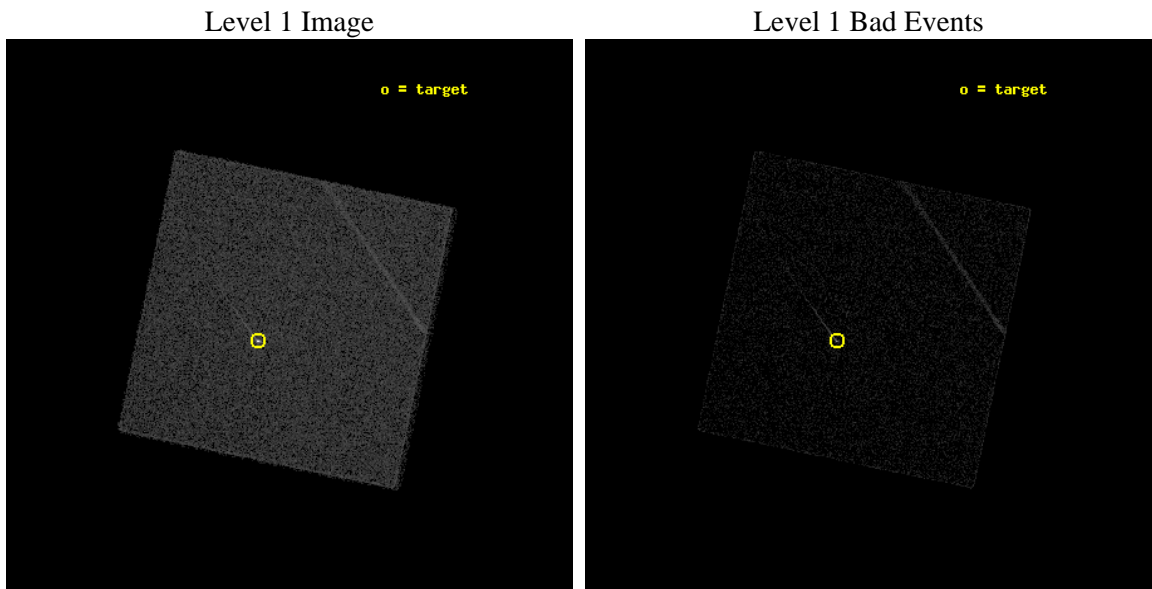
seq_num	290484	Sequence number
obs_id	5992	Observation id
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.08615519362	Nominal RA [deg]
dec_nom	45.776047370815	Nominal Dec [deg]
roll_nom	236.77484179429	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1180.0313043296	[s]
livetime	1171.301722996	Ontime multiplied by DTCOR
l2events	52506	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	1180.0313043296	[s]
caldbver	4.5.5	 	l1events	148408	Number of level 1 events
date	2012-12-30T05:46:37	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

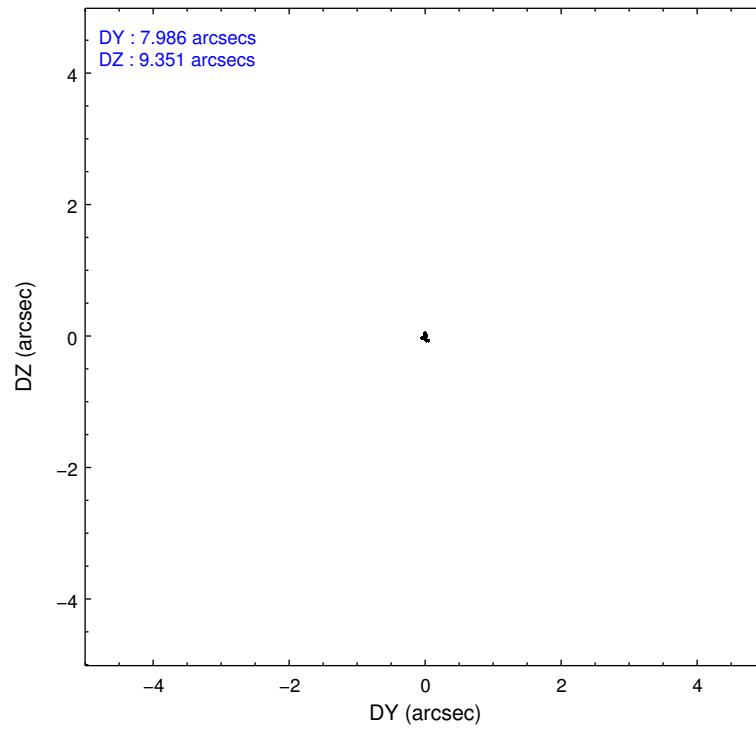
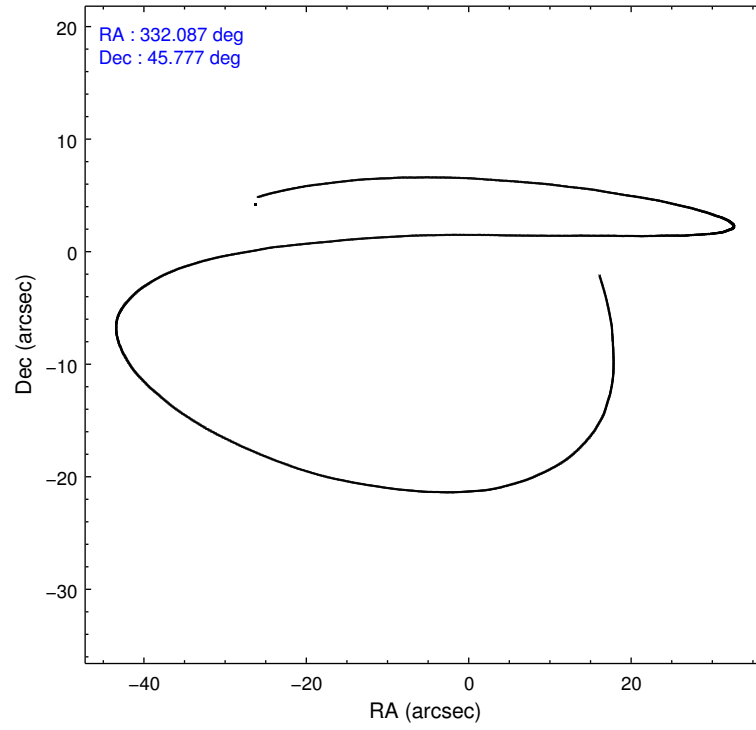
	segment 0
level 1 events	148408
rejected events	74059
rejected %	49%

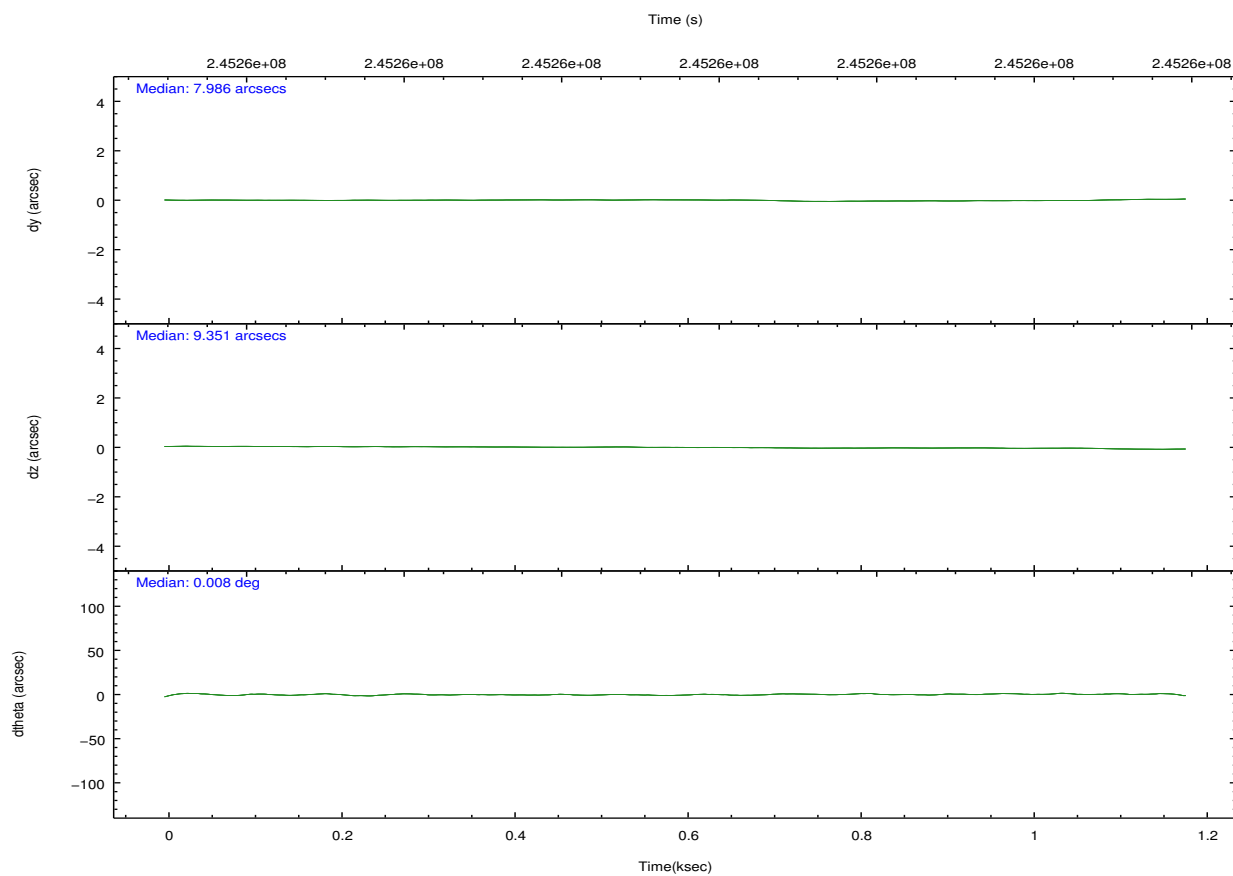
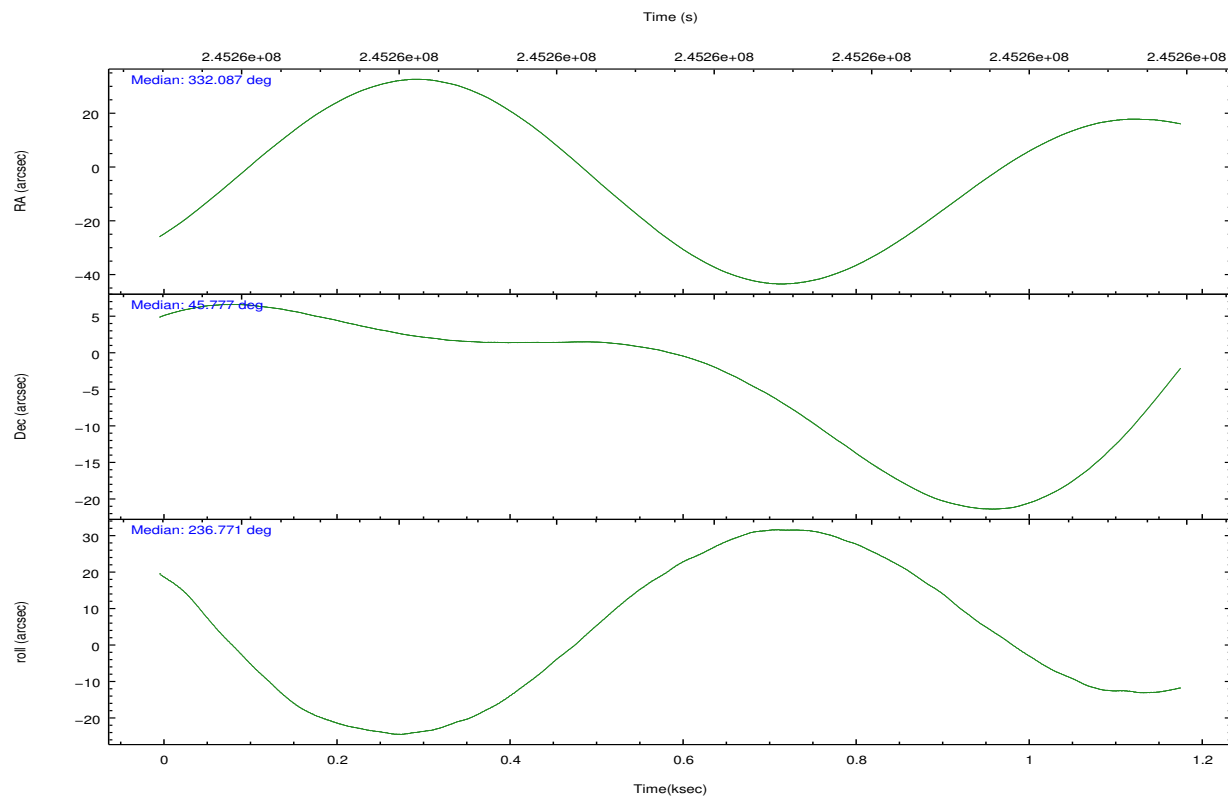
2.2 Compared Parameters

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	332.086343	332.0861551936219
[deg] Pointing Dec	45.803516	45.77604737081541
[deg] Pointing Roll	236.870171	236.7748417942883
[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)	245261536.184000	245261159.93347
Observation start date	2005-10-09T16:11:12	2005-10-09T16:05:59
[s] Observation end time (MET)	245262536.184000	245263627.62108
Observation end date	2005-10-09T16:27:52	2005-10-09T16:47:07

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

2.3 Aspect



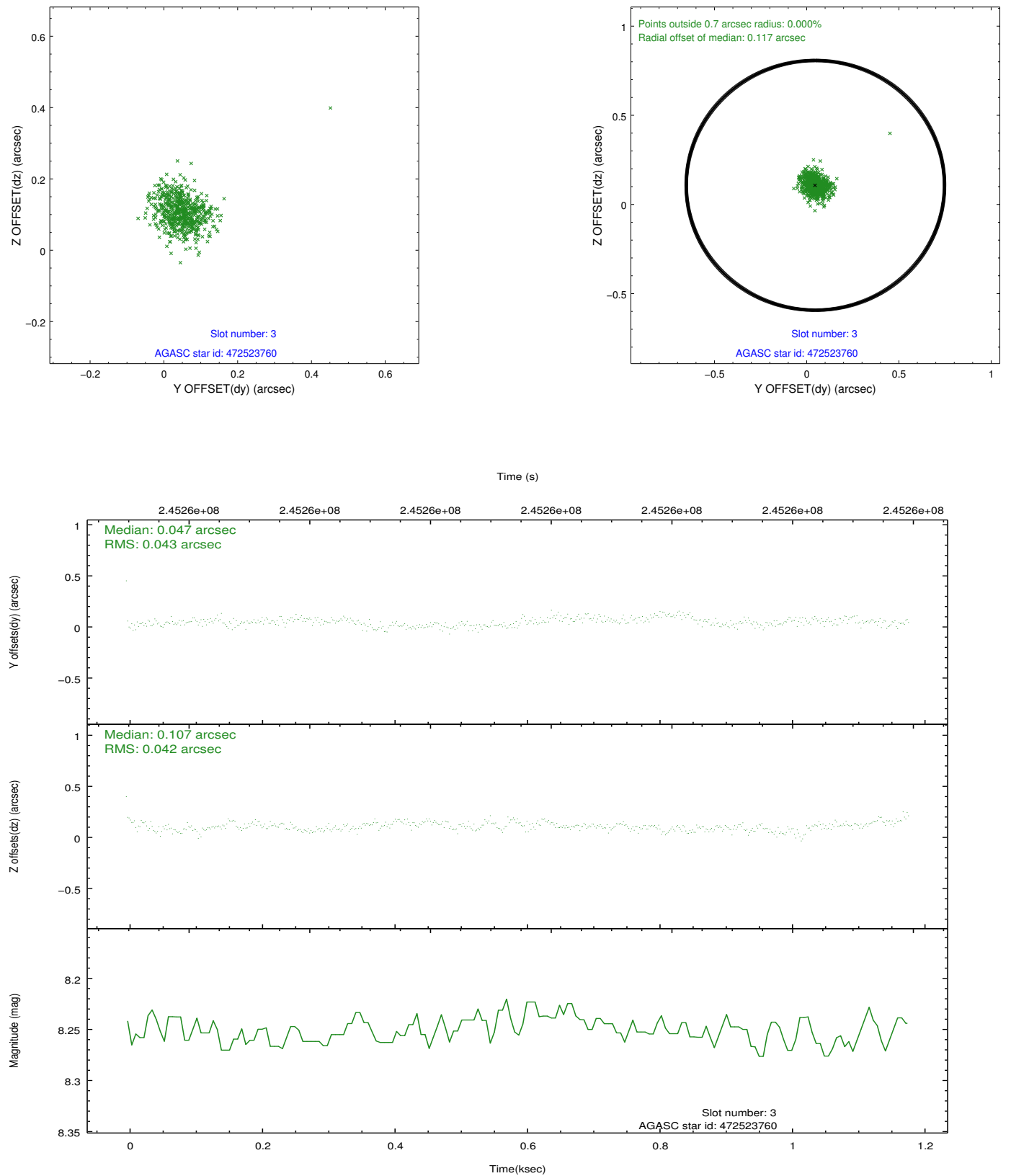


Slot Statistics

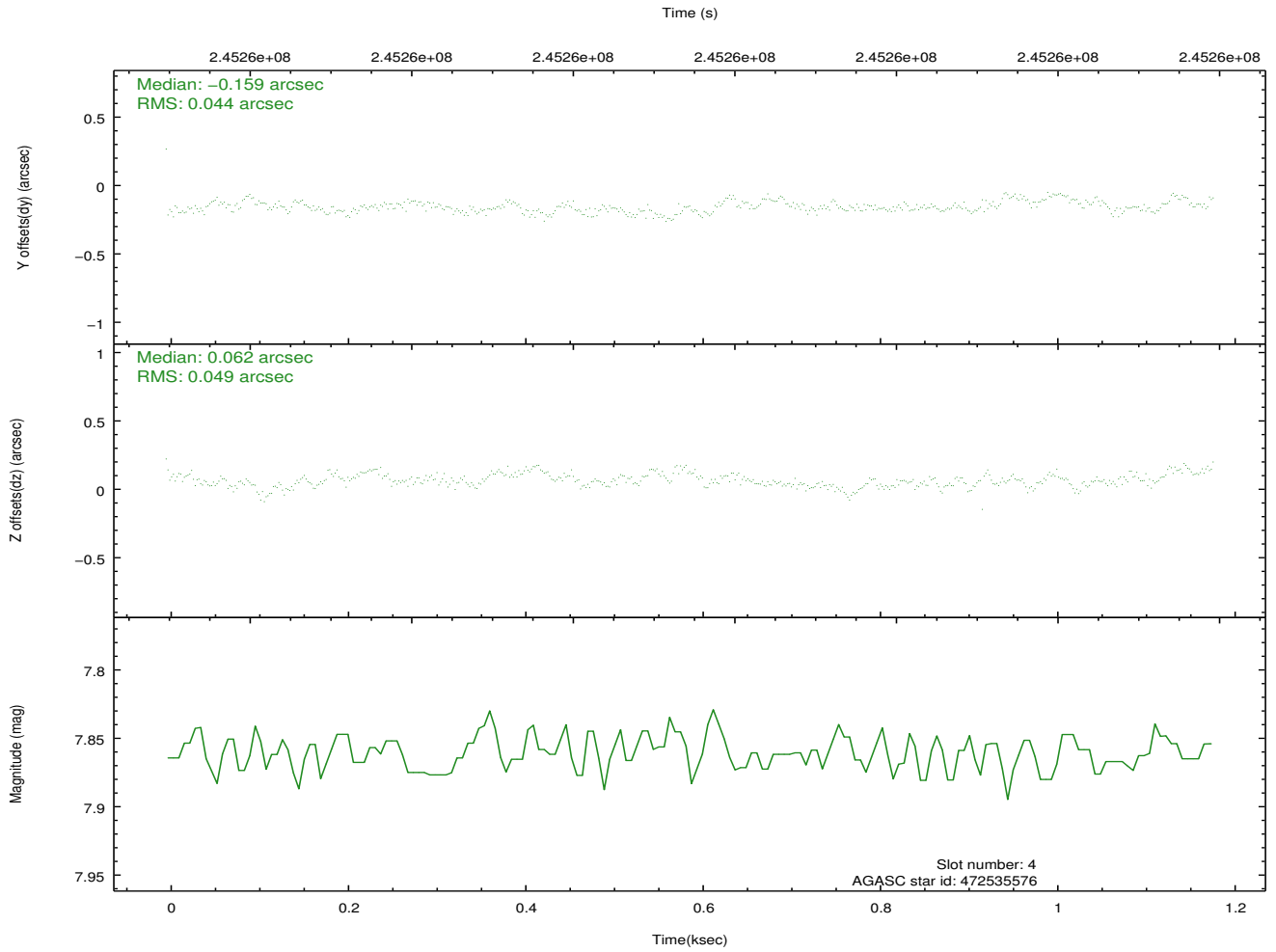
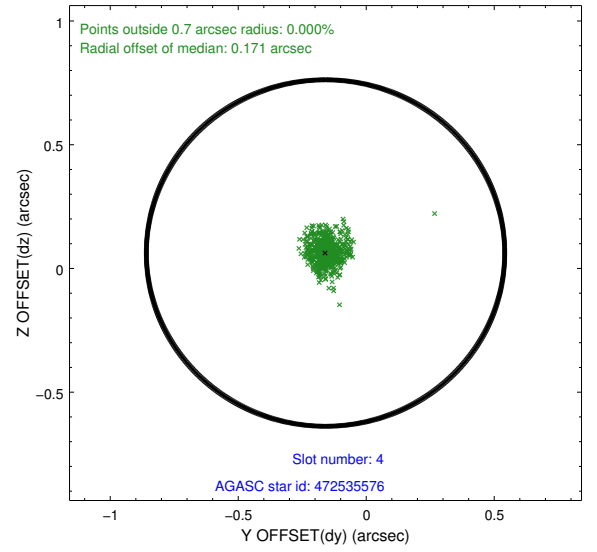
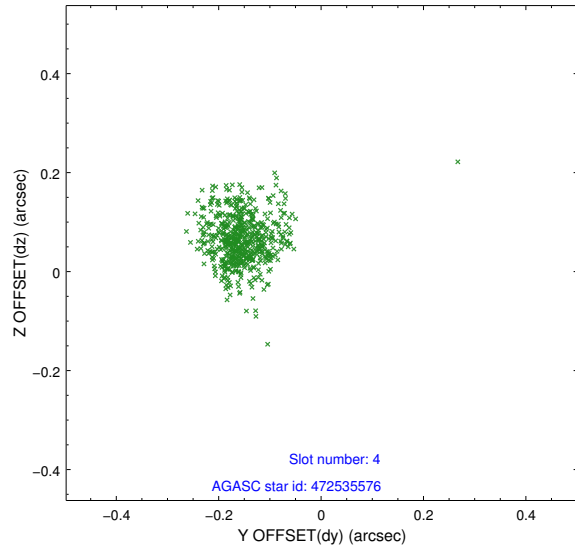
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	288	-0.029	0.063	0.007	0.011	0.000000	0.000000	-763.62	-1297.25
1	FID	HRC-I-2	7.02	288	0.140	-0.086	0.006	0.012	0.000000	0.000000	846.53	-1303.47
2	FID	HRC-I-3	7.08	288	0.008	-0.067	0.006	0.010	0.000000	0.000000	-1189.13	1002.66
3	GUIDE	472523760	8.25	577	0.047	0.107	0.061	0.099	331.645363	45.403260	1814.17	-150.11
4	GUIDE	472535576	7.86	577	-0.159	0.062	0.066	0.111	331.438373	46.291802	-592.74	-2317.08
5	GUIDE	472655152	9.43	575	0.058	-0.016	0.099	0.173	332.504239	45.862991	-754.36	752.00
6	GUIDE	472665256	9.02	577	0.076	-0.128	0.073	0.123	332.808125	46.195041	-2170.72	729.79
7	GUIDE	472533912	9.15	576	-0.020	-0.035	0.101	0.169	331.791136	46.368695	-1307.20	-1728.44

2.4 Star Slots

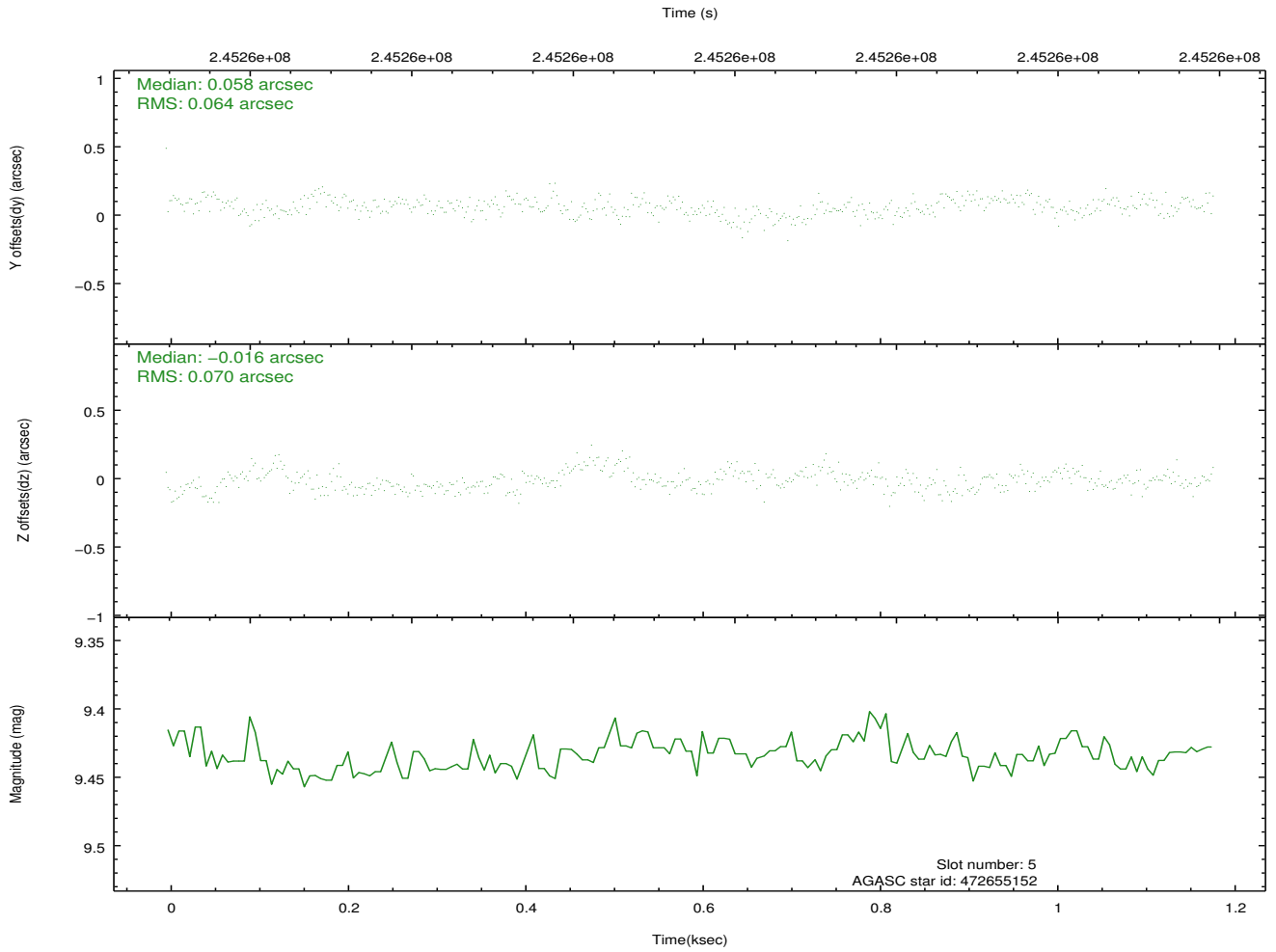
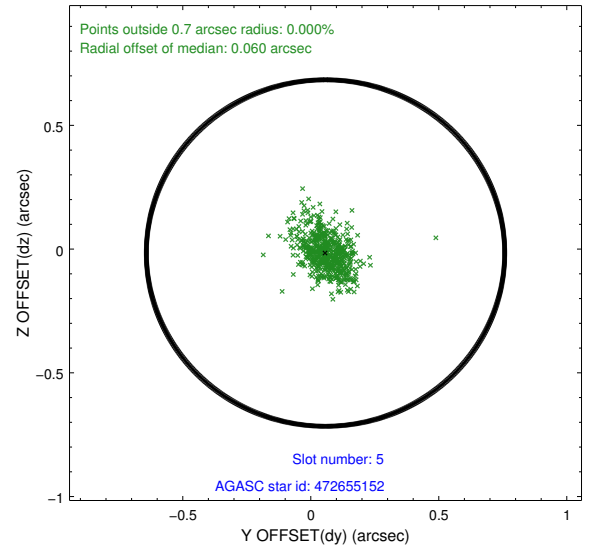
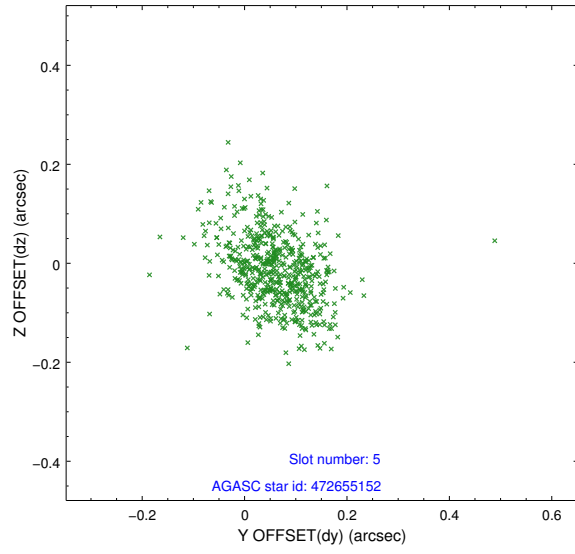
2.4.1 Slot 3



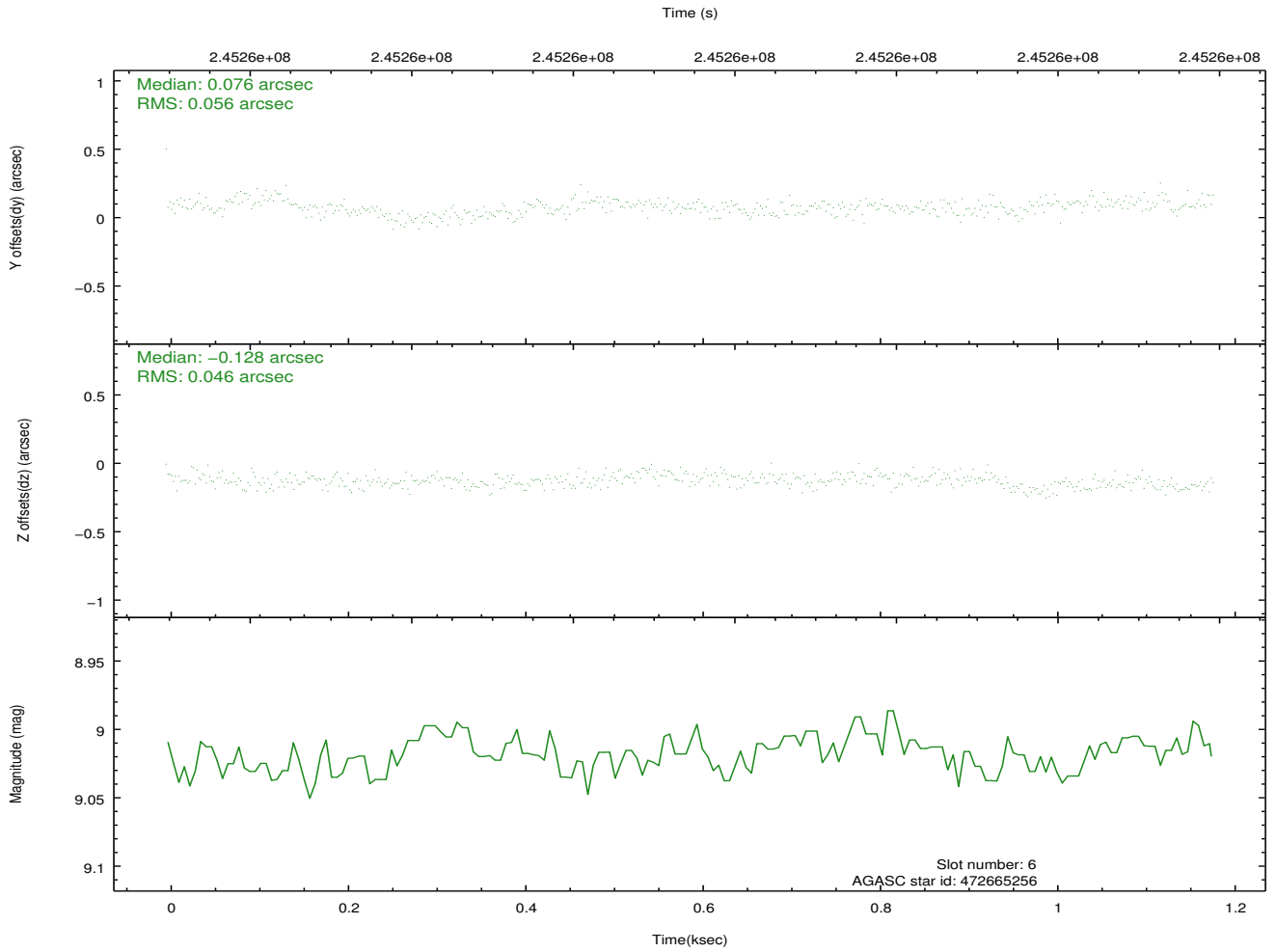
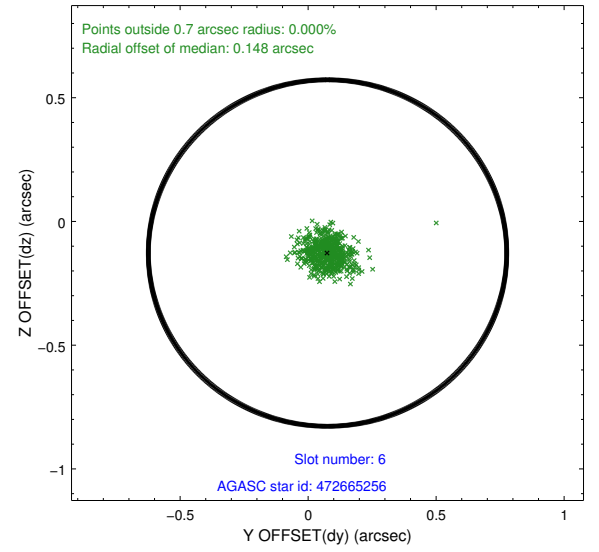
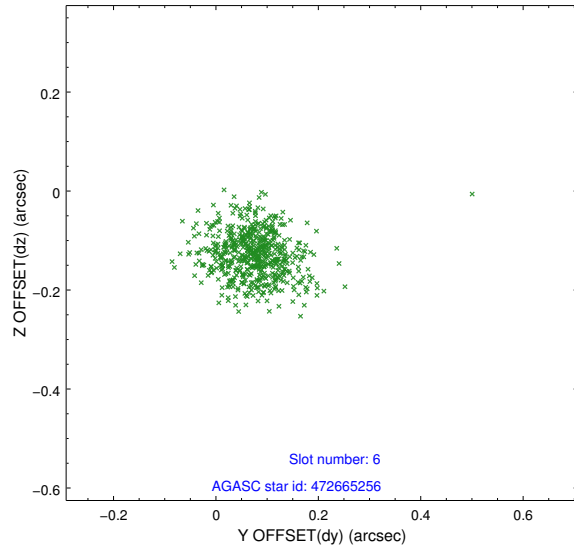
2.4.2 Slot 4



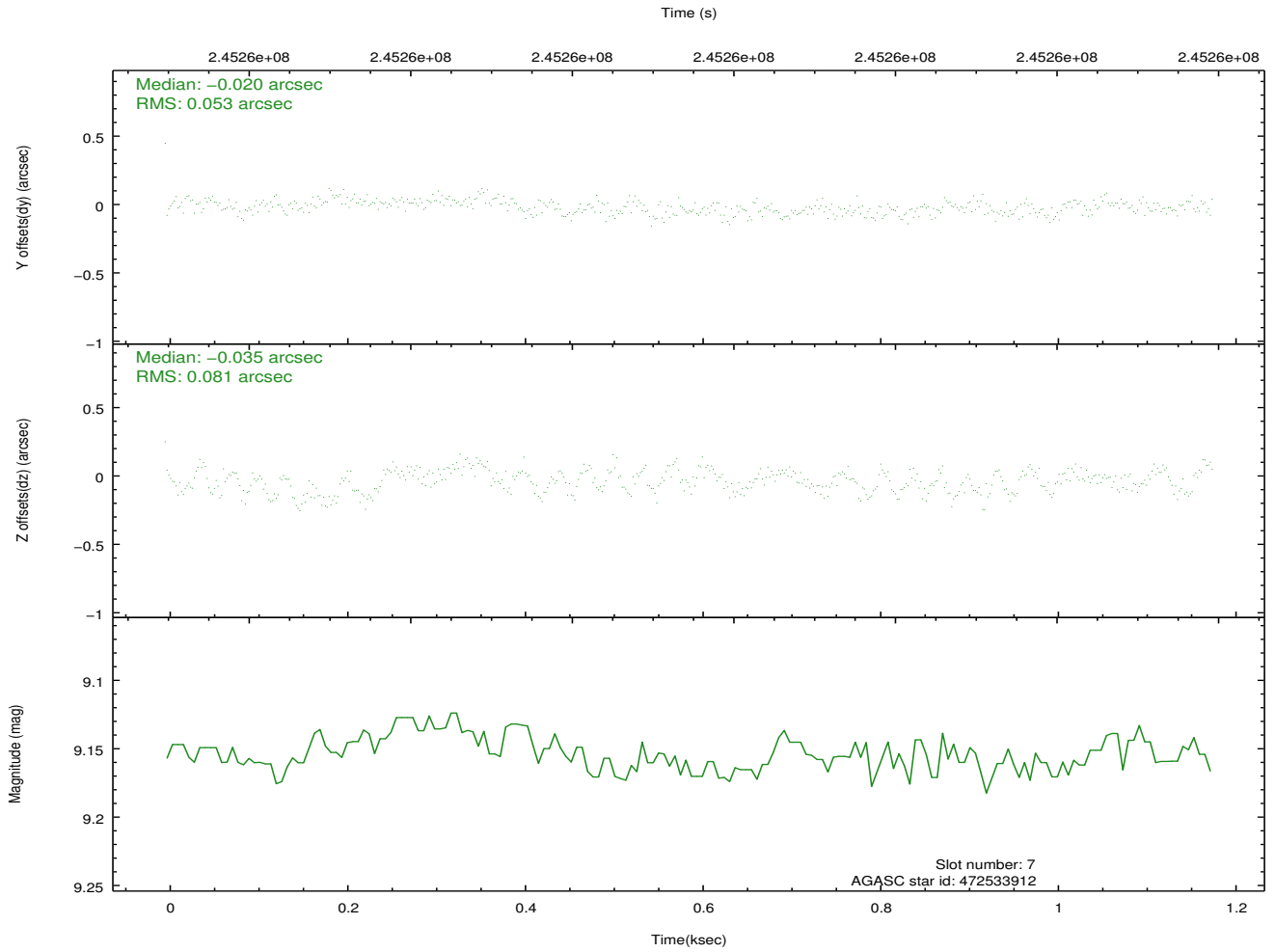
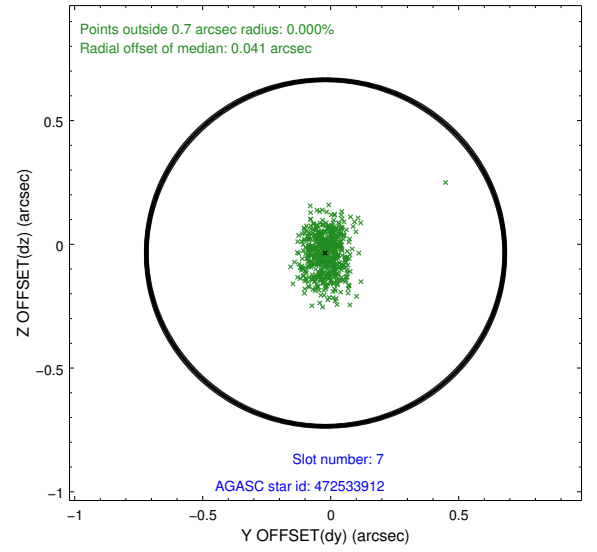
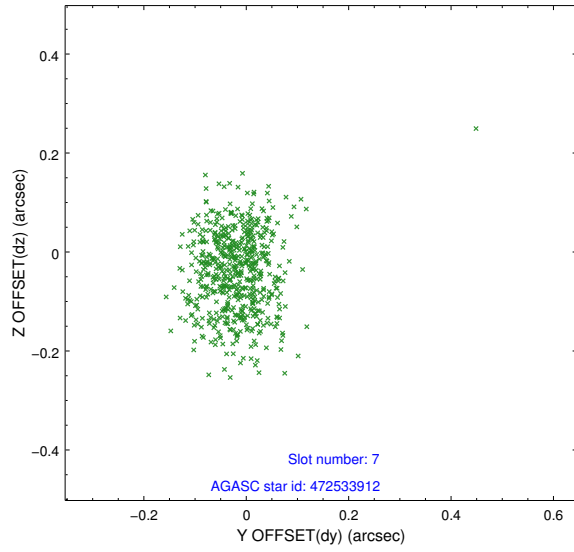
2.4.3 Slot 5



2.4.4 Slot 6

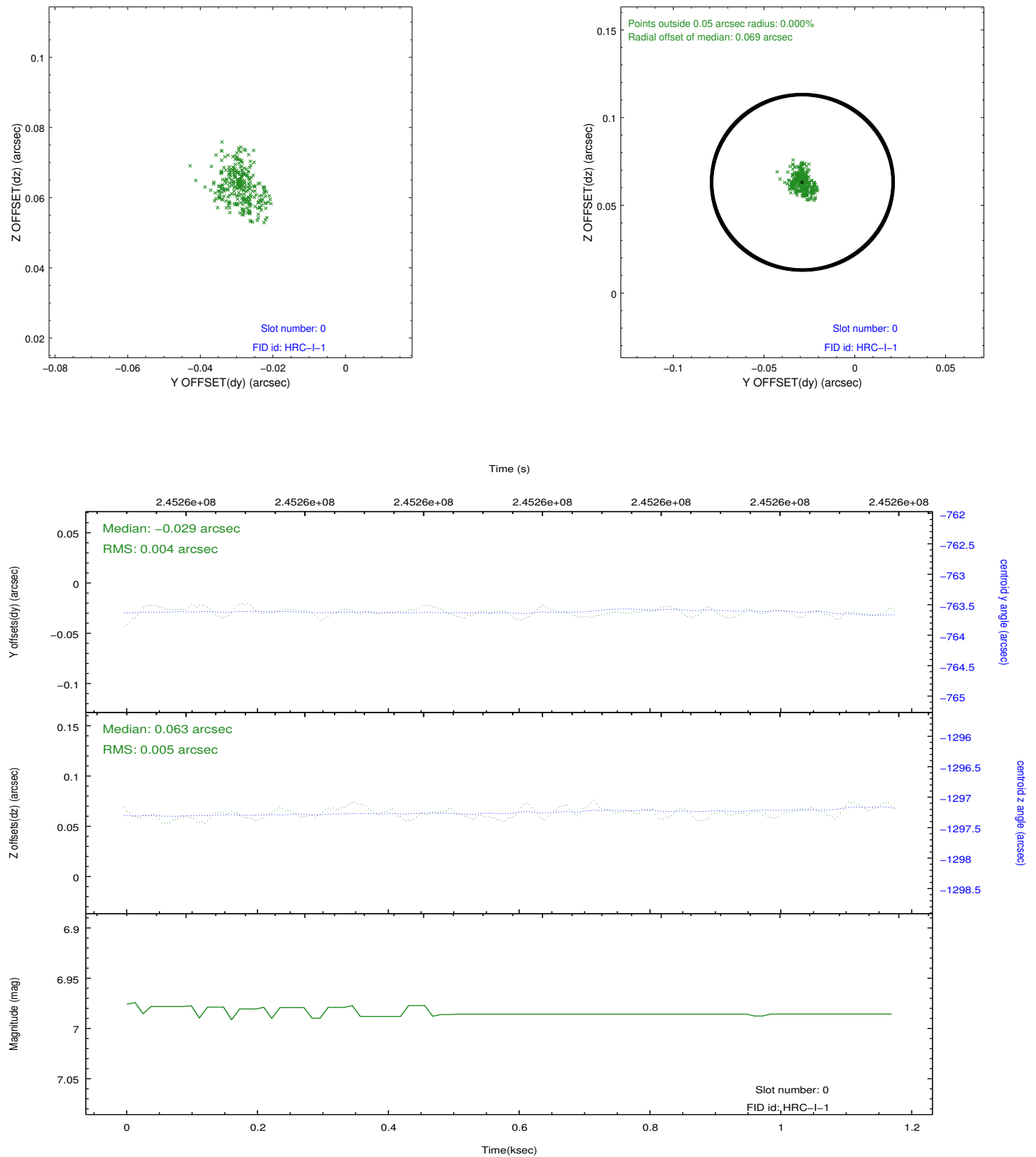


2.4.5 Slot 7

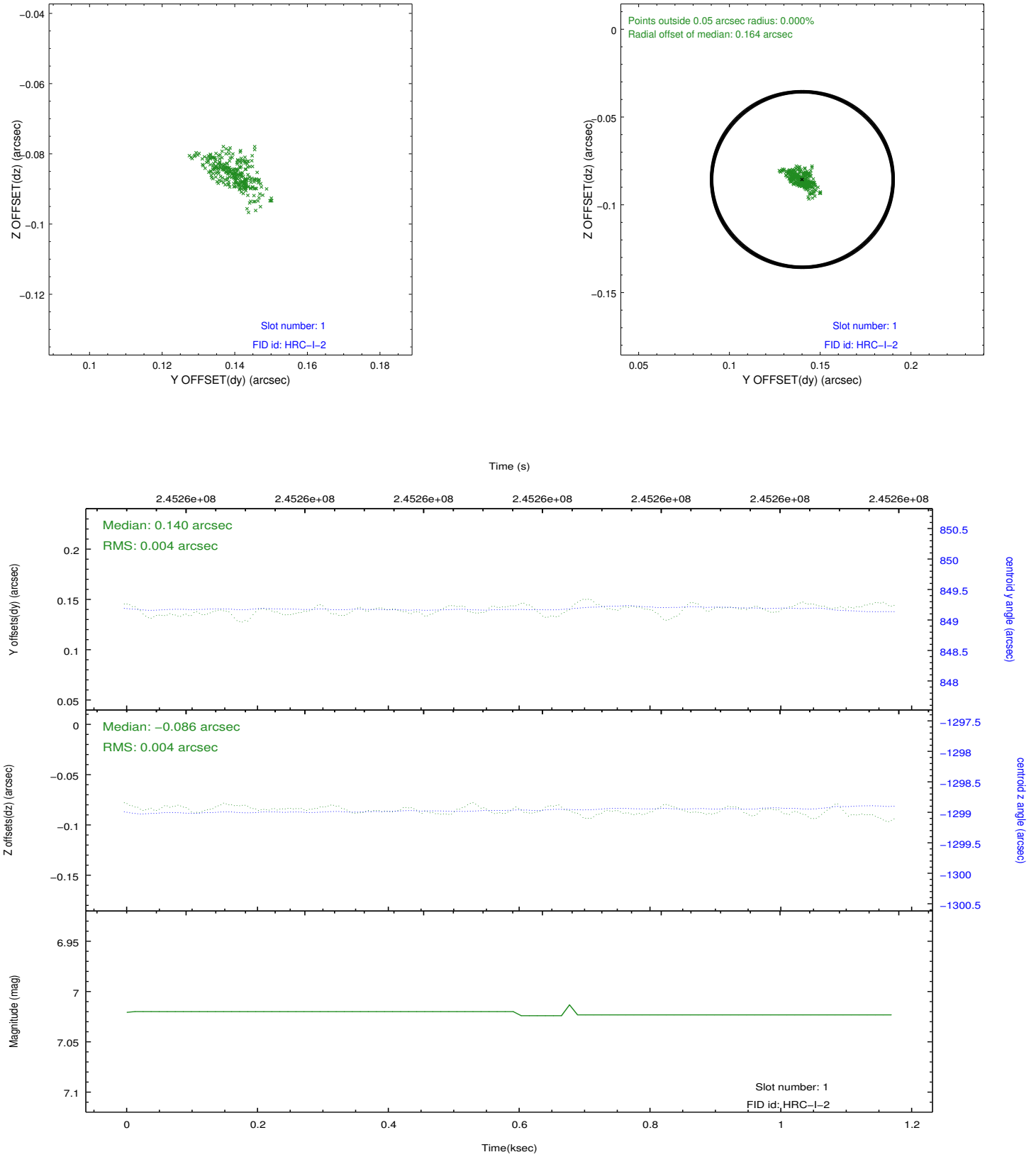


2.5 FID Slots

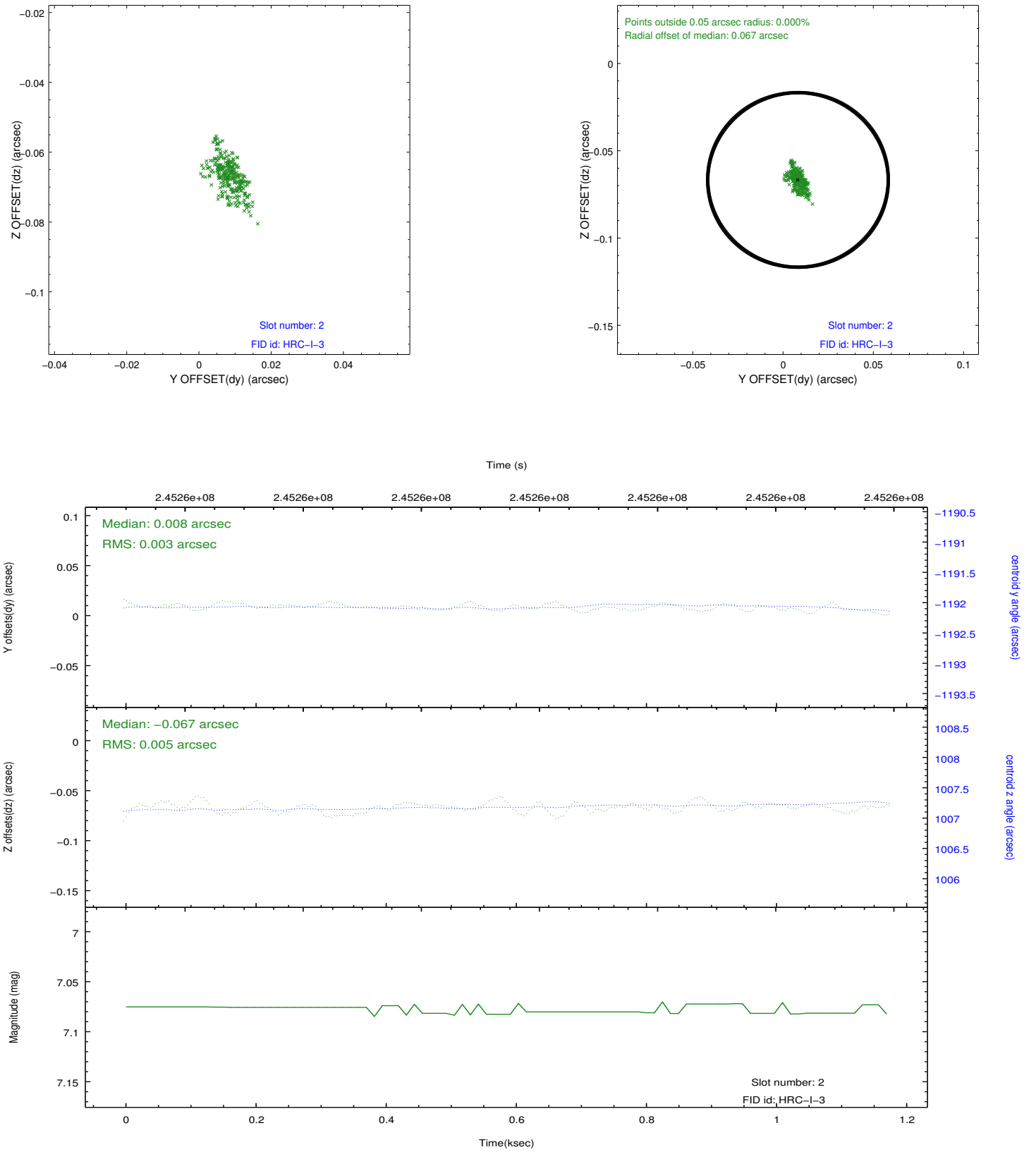
2.5.1 Slot 0



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)	2013.01.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.179775

A.2 Comments