

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2353 - L2 Version 6
Chandra X-Ray Center

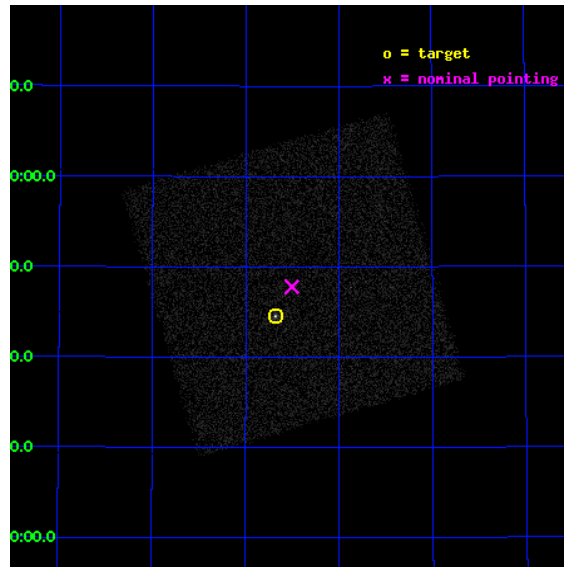
L2 Processing Date : Sep 4 2012

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1 Front

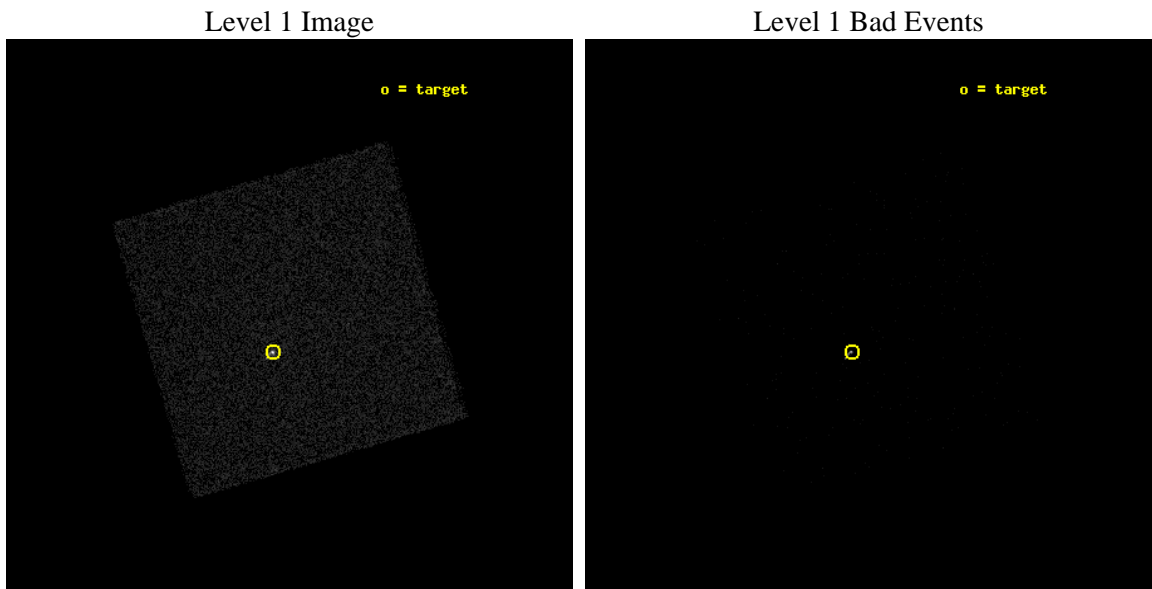
seq_num	290100	Sequence number
obs_id	2353	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC,HRC-I,AO2A	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.1261795806	Nominal RA [deg]
dec_nom	45.796643335191	Nominal Dec [deg]
roll_nom	298.72469680534	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1192.3312955946	[s]
livetime	1186.4787820126	Ontime multiplied by DTCOR
l2events	34161	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	8.4.5	Processing system revision	ontime	1192.3312955946	[s]
caldbver	4.5.1.1	 	l1events	60539	Number of level 1 events
date	2012-09-04T06:16:29	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

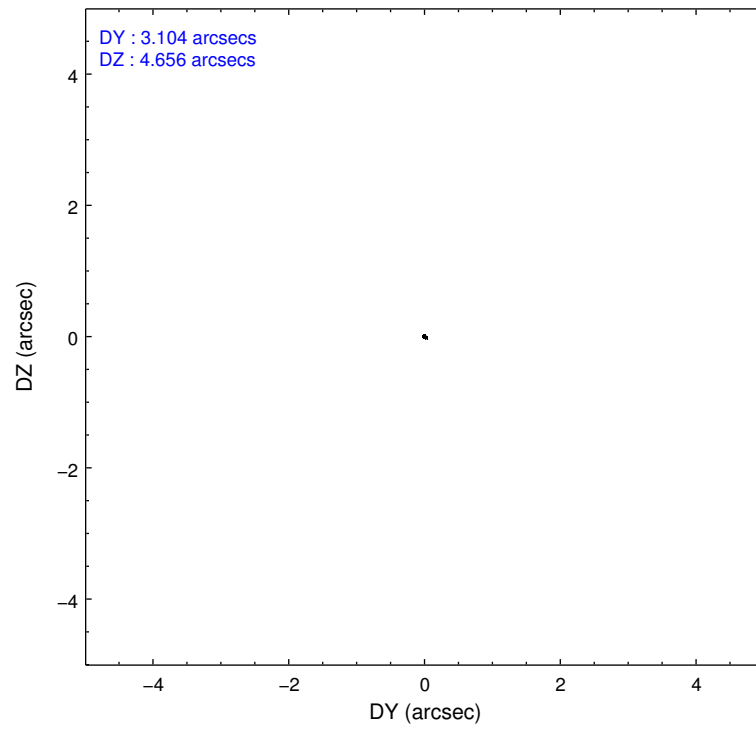
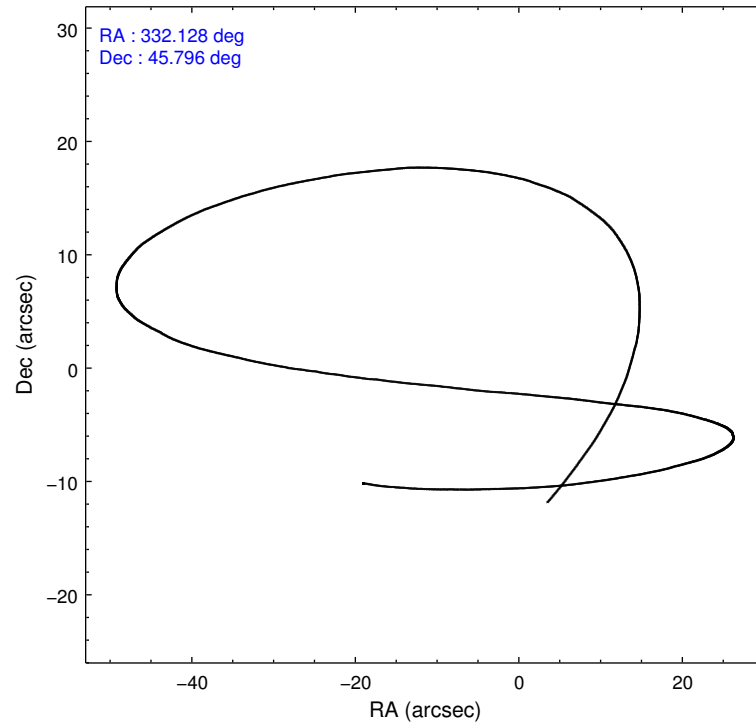
	segment 0
level 1 events	60539
rejected events	12961
rejected %	21%

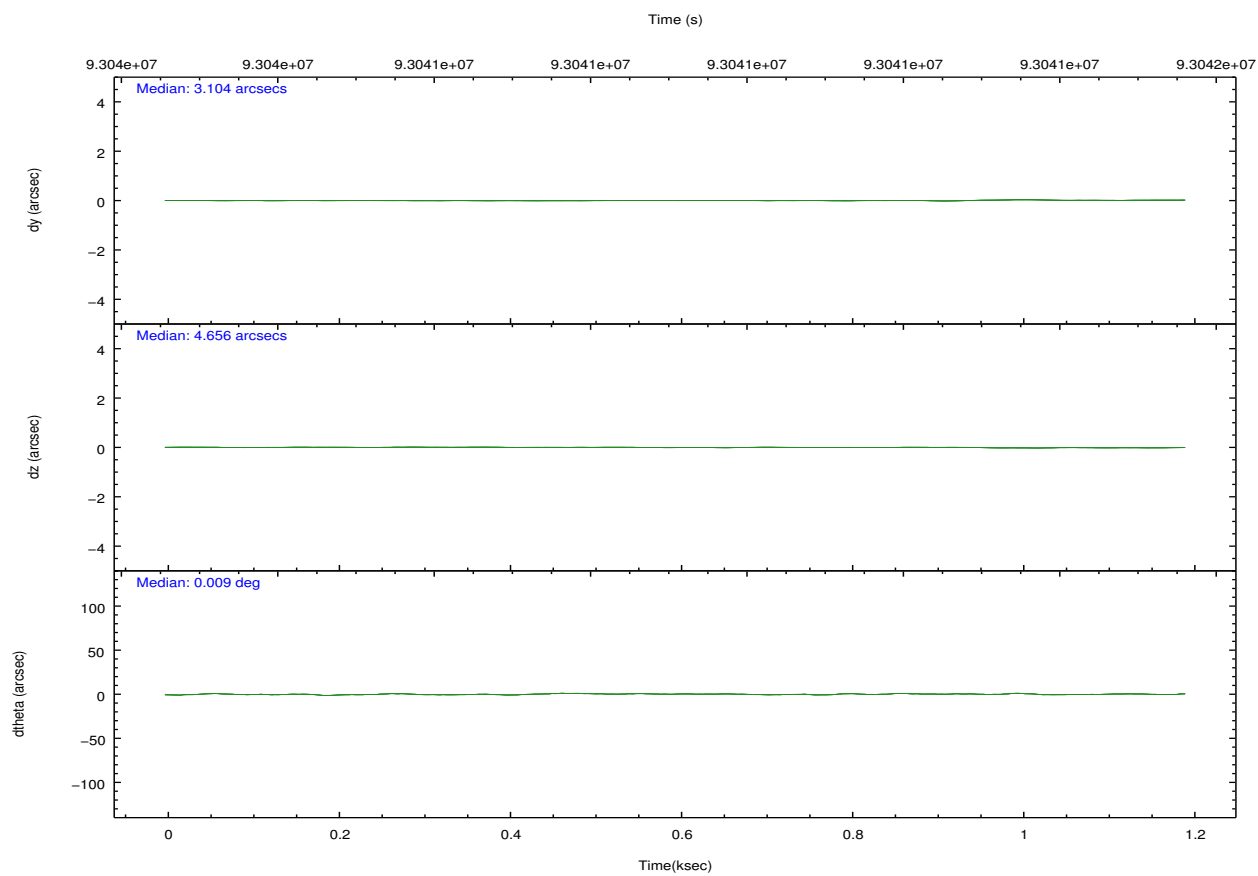
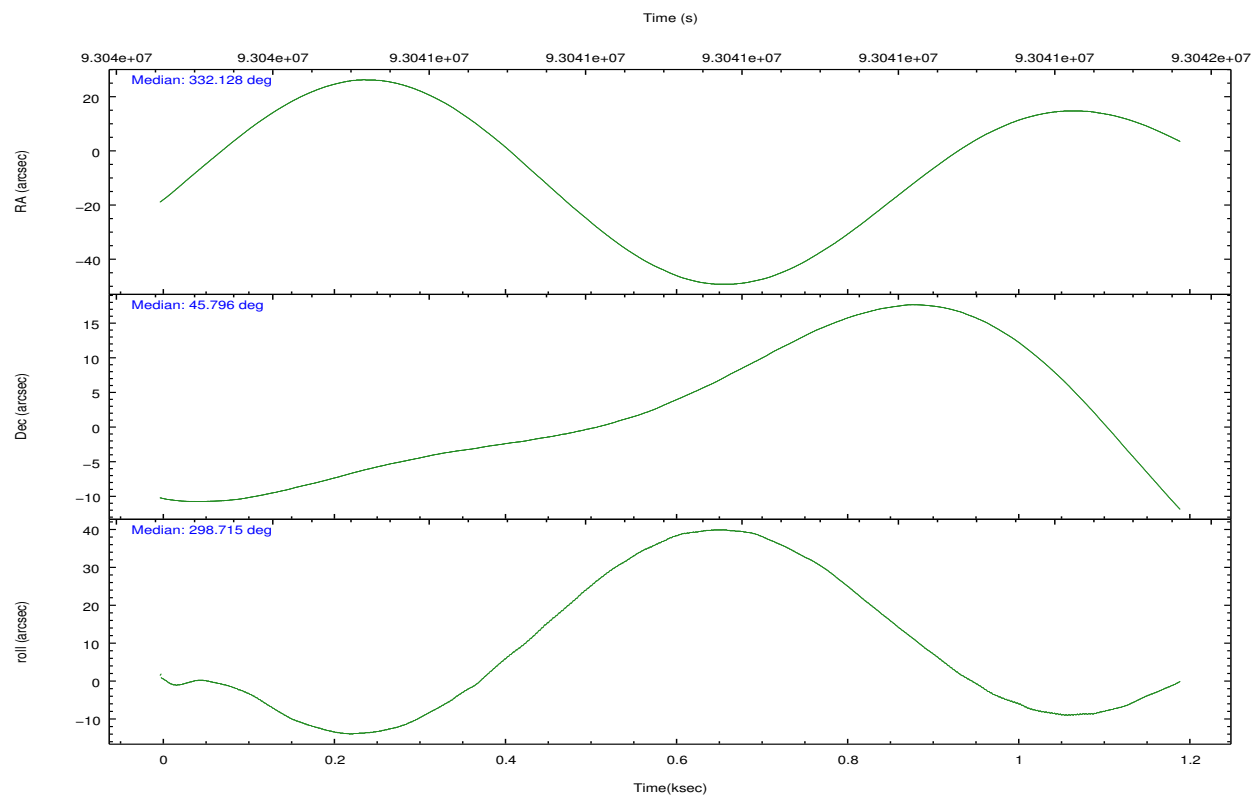
2.2 Compared Parameters

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	332.090883	332.1261795806033
[deg] Pointing Dec	45.810102	45.79664333519124
[deg] Pointing Roll	298.845531	298.724696805344
[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)	93040501.184000	93040124.462973
Observation start date	2000-12-12T20:33:57	2000-12-12T20:28:44
[s] Observation end time (MET)	93041501.184000	93041634.800531
Observation end date	2000-12-12T20:50:37	2000-12-12T20:53:54

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

2.3 Aspect



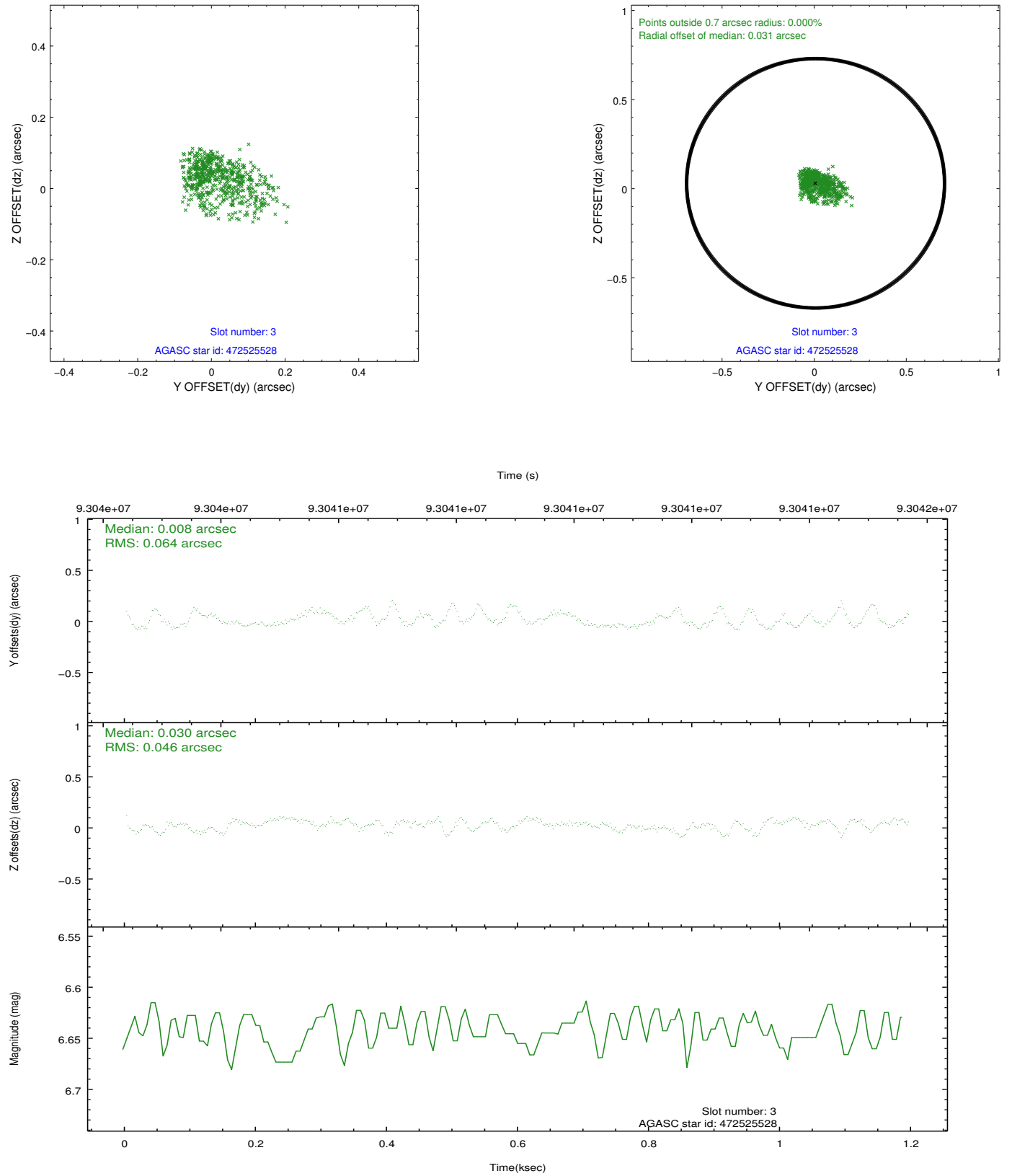


Slot Statistics

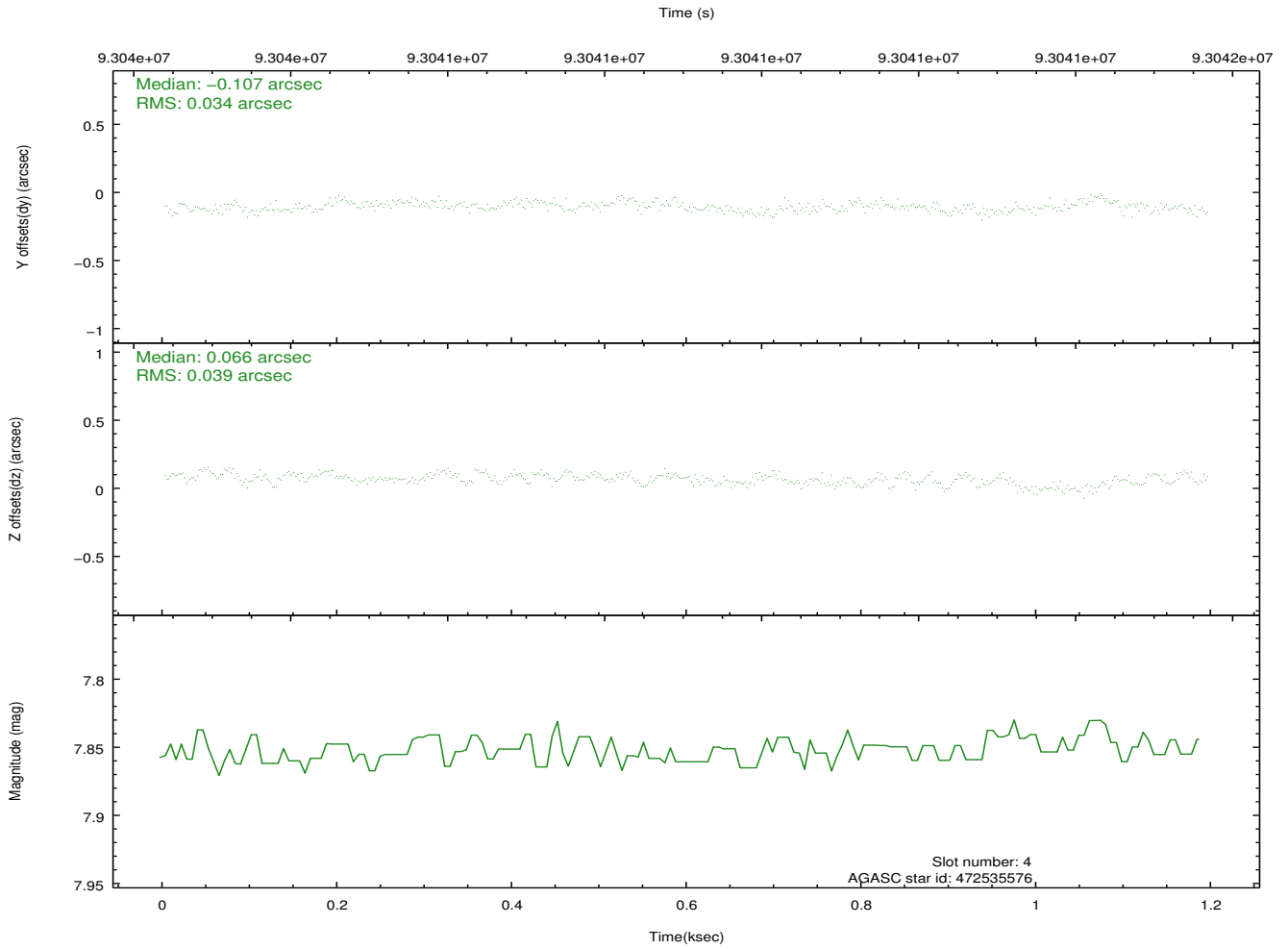
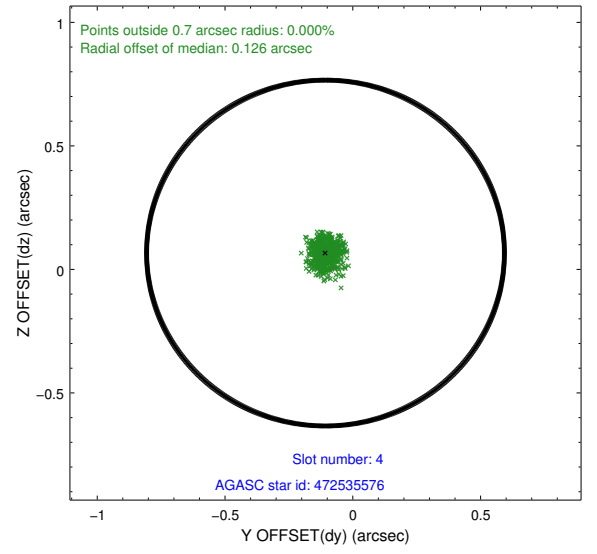
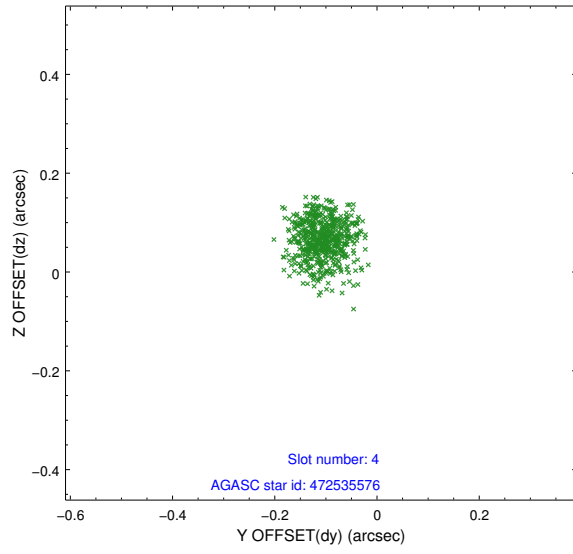
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	291	0.048	0.065	0.008	0.014	0.000000	0.000000	-758.55	-1292.41
1	FID	HRC-I-3	7.05	291	0.031	-0.098	0.008	0.013	0.000000	0.000000	-1189.64	1007.55
2	FID	HRC-I-4	6.99	291	0.036	-0.057	0.005	0.009	0.000000	0.000000	1280.16	1013.08
3	GUIDE	472525528	6.64	583	0.008	0.030	0.077	0.149	331.551102	45.248694	1105.44	-2175.80
4	GUIDE	472535576	7.85	583	-0.107	0.066	0.057	0.086	331.438373	46.291802	-2307.13	-590.65
5	GUIDE	472523760	8.23	583	-0.007	-0.118	0.069	0.104	331.645363	45.403260	732.01	-1697.30
6	GUIDE	472665256	9.02	582	-0.111	-0.132	0.078	0.132	332.808125	46.195041	-358.83	2230.16
7	GUIDE	472646552	9.63	581	0.199	0.158	0.111	0.182	333.120915	45.571877	1987.18	1867.45

2.4 Star Slots

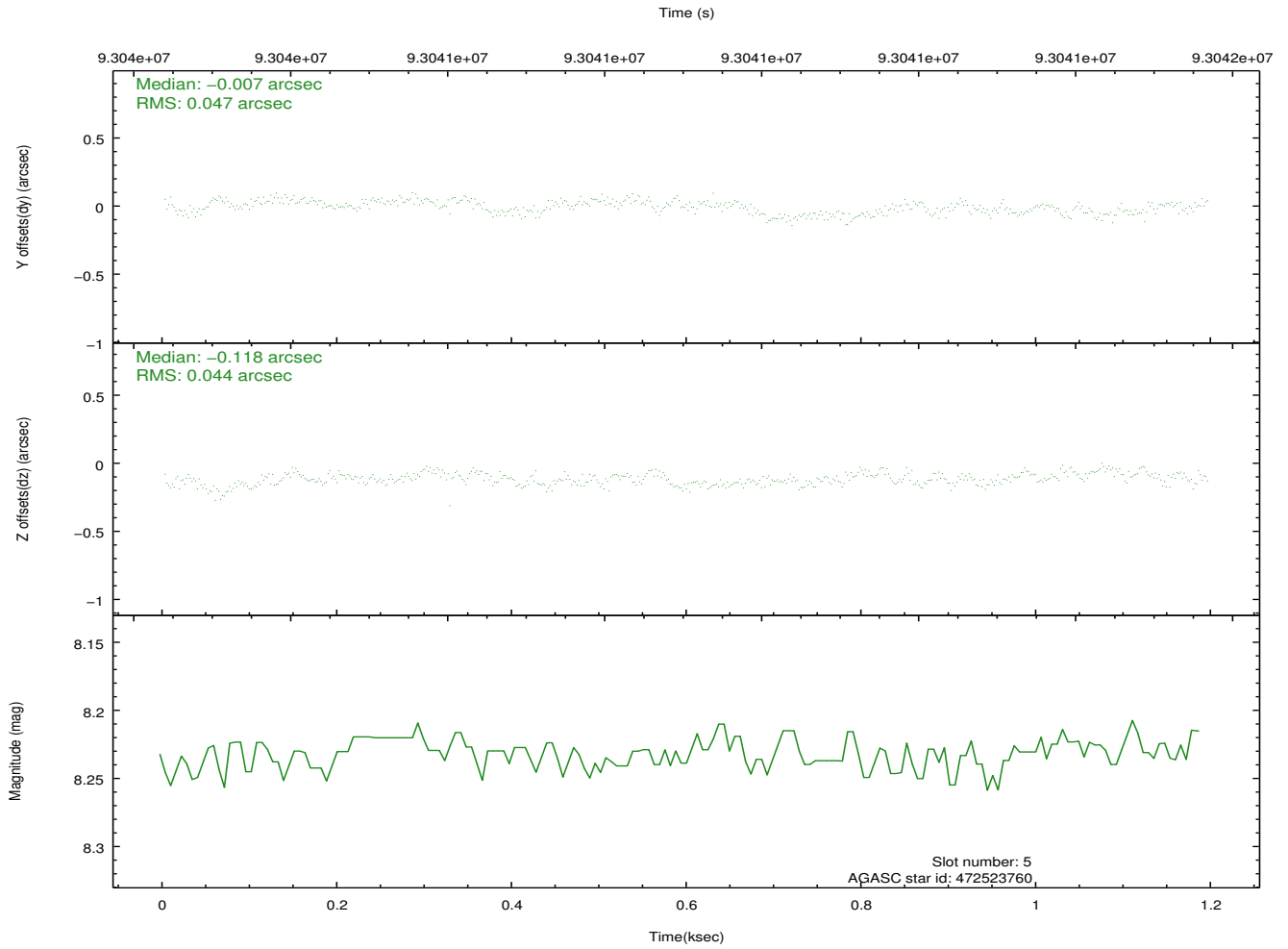
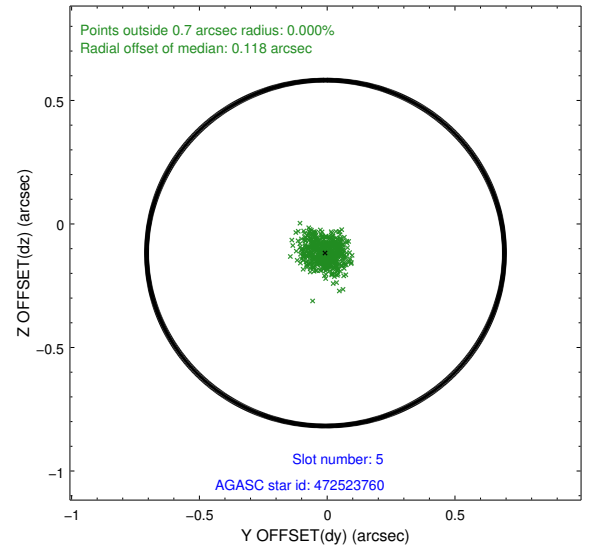
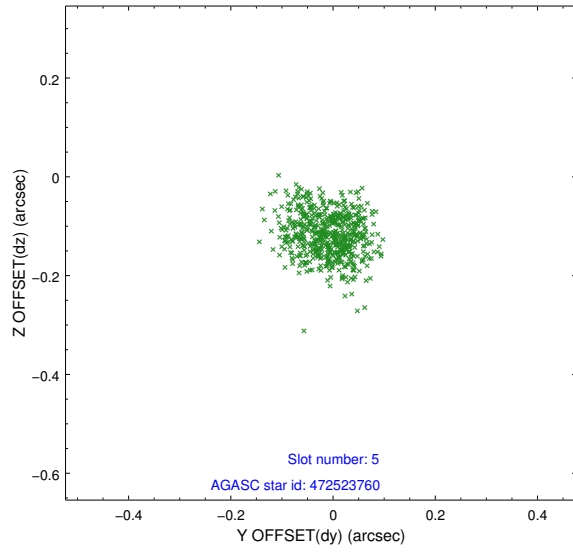
2.4.1 Slot 3



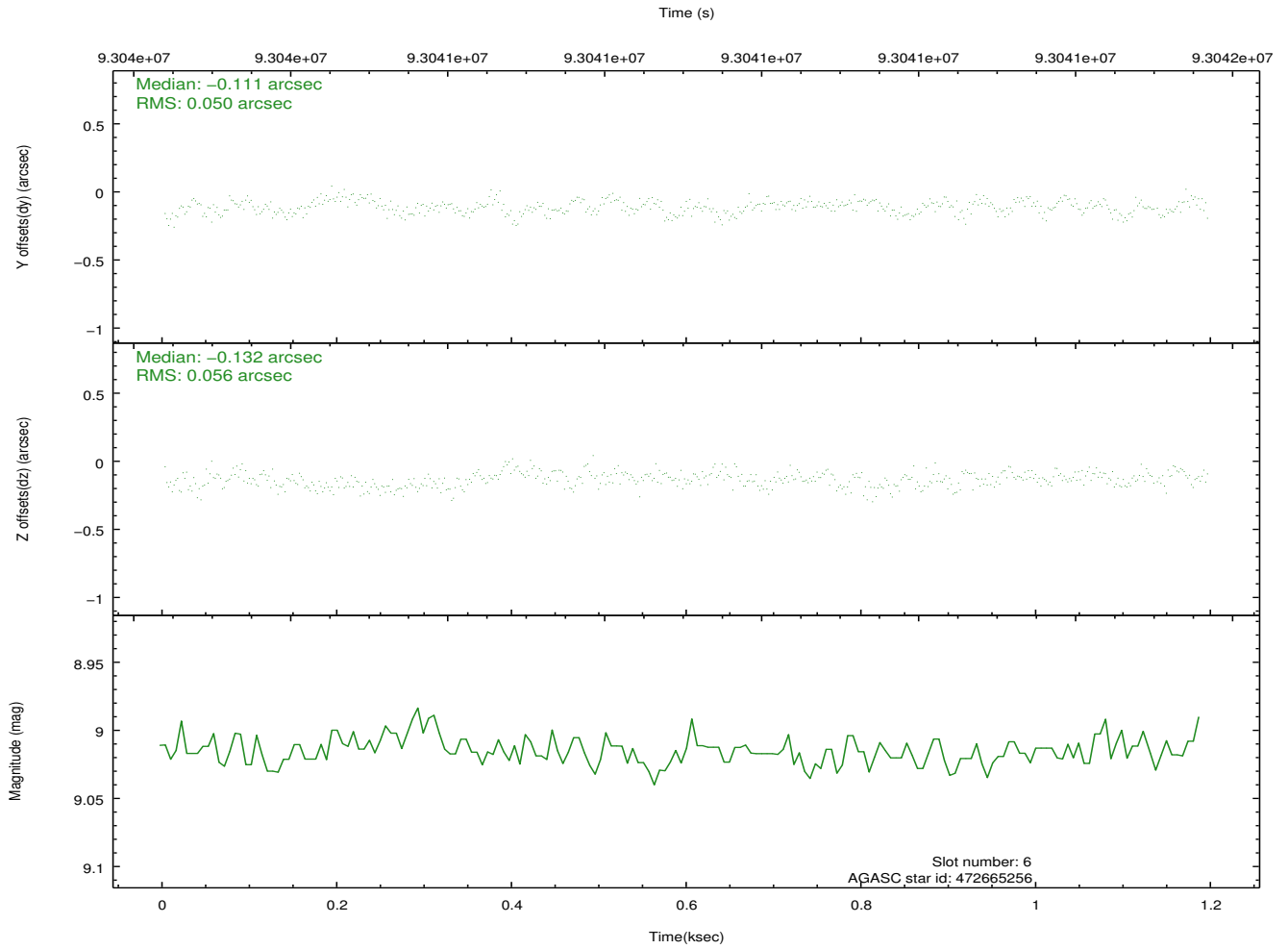
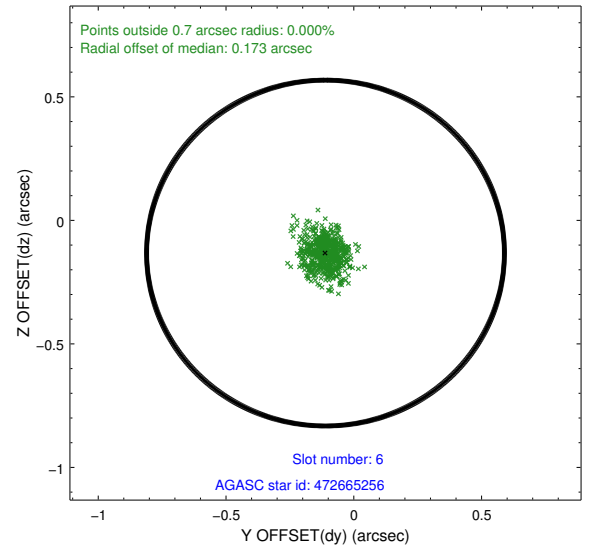
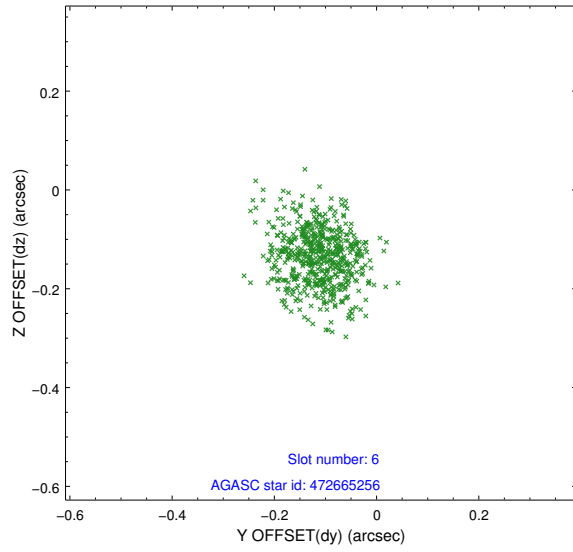
2.4.2 Slot 4



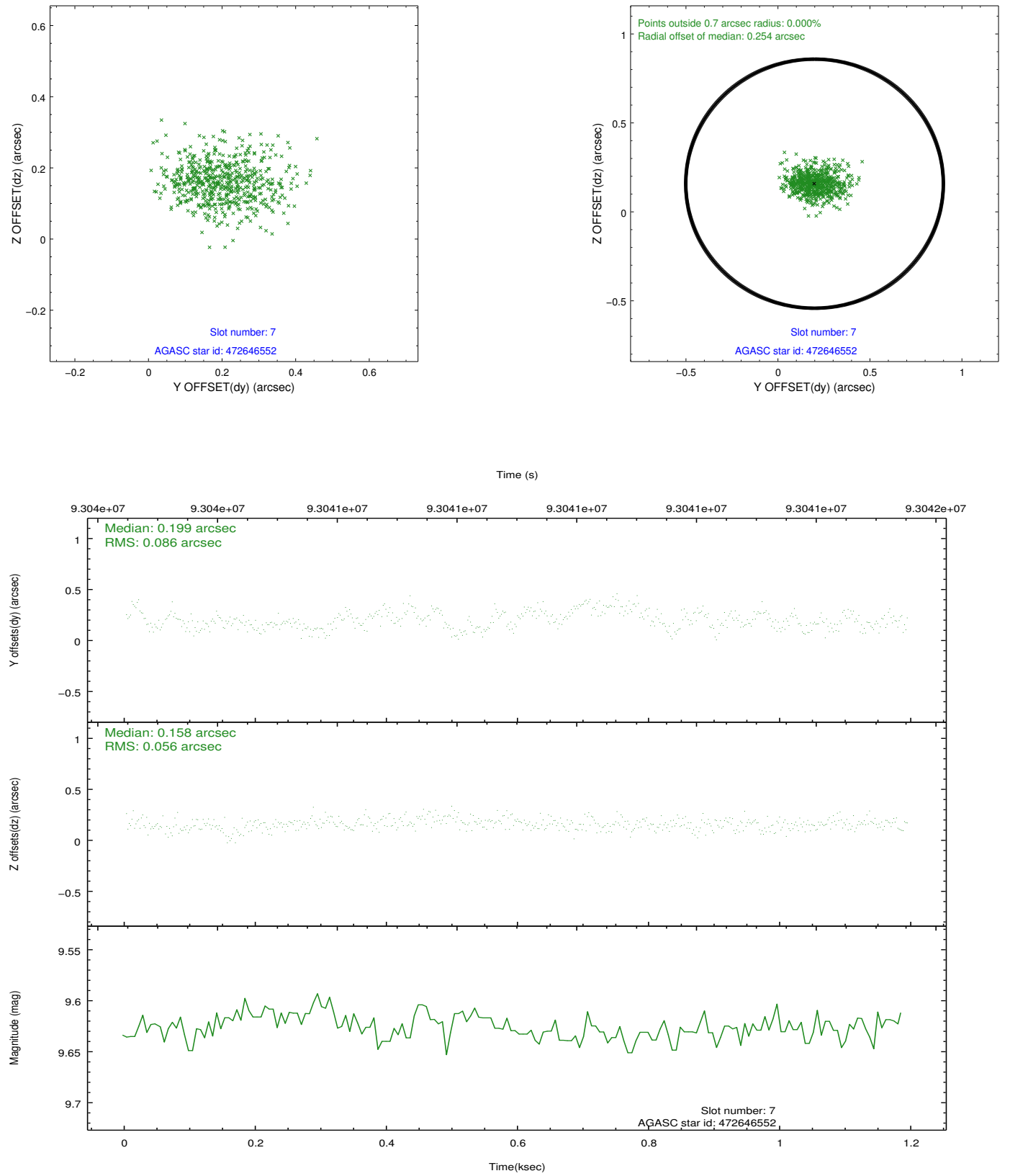
2.4.3 Slot 5



2.4.4 Slot 6

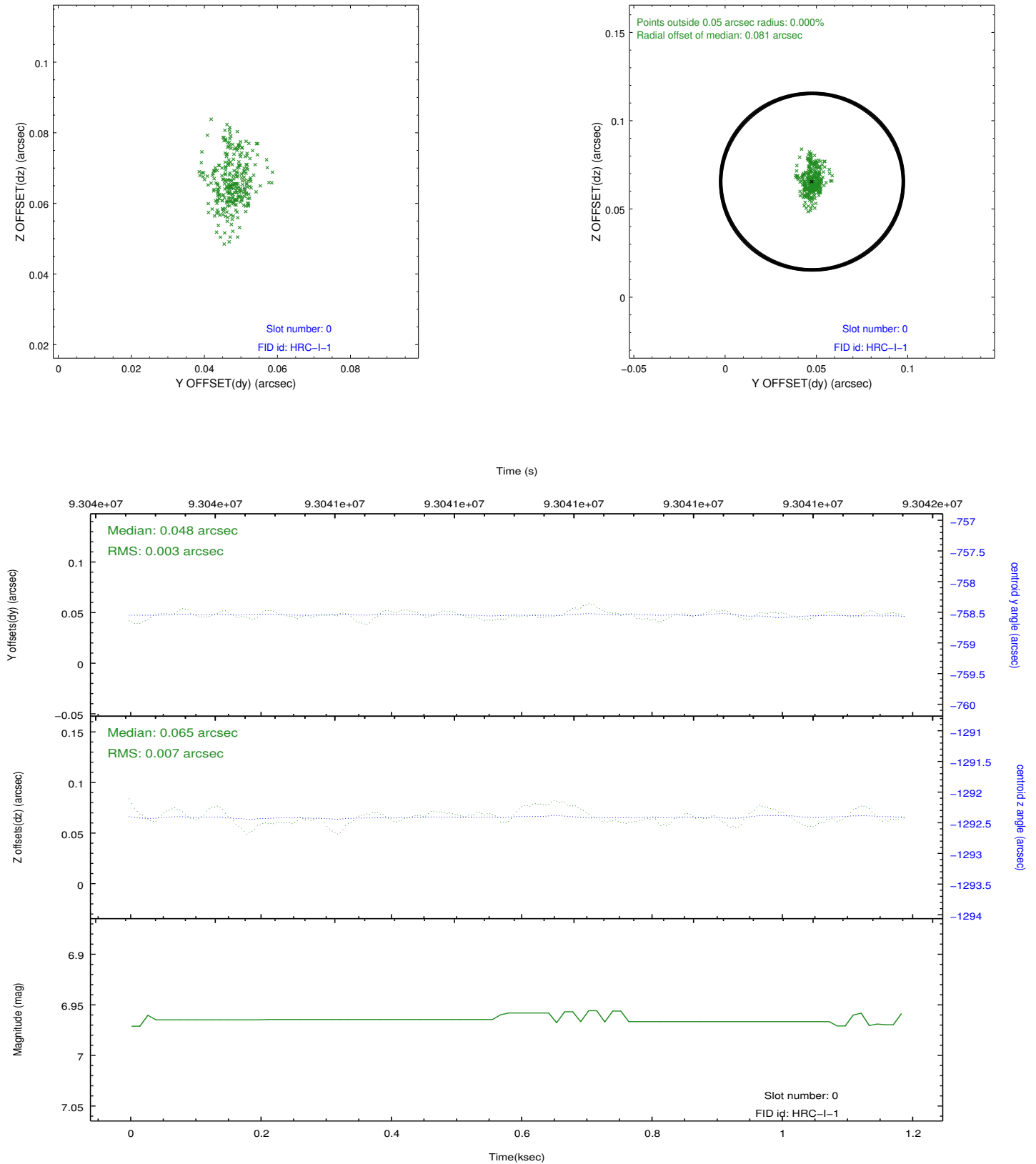


2.4.5 Slot 7

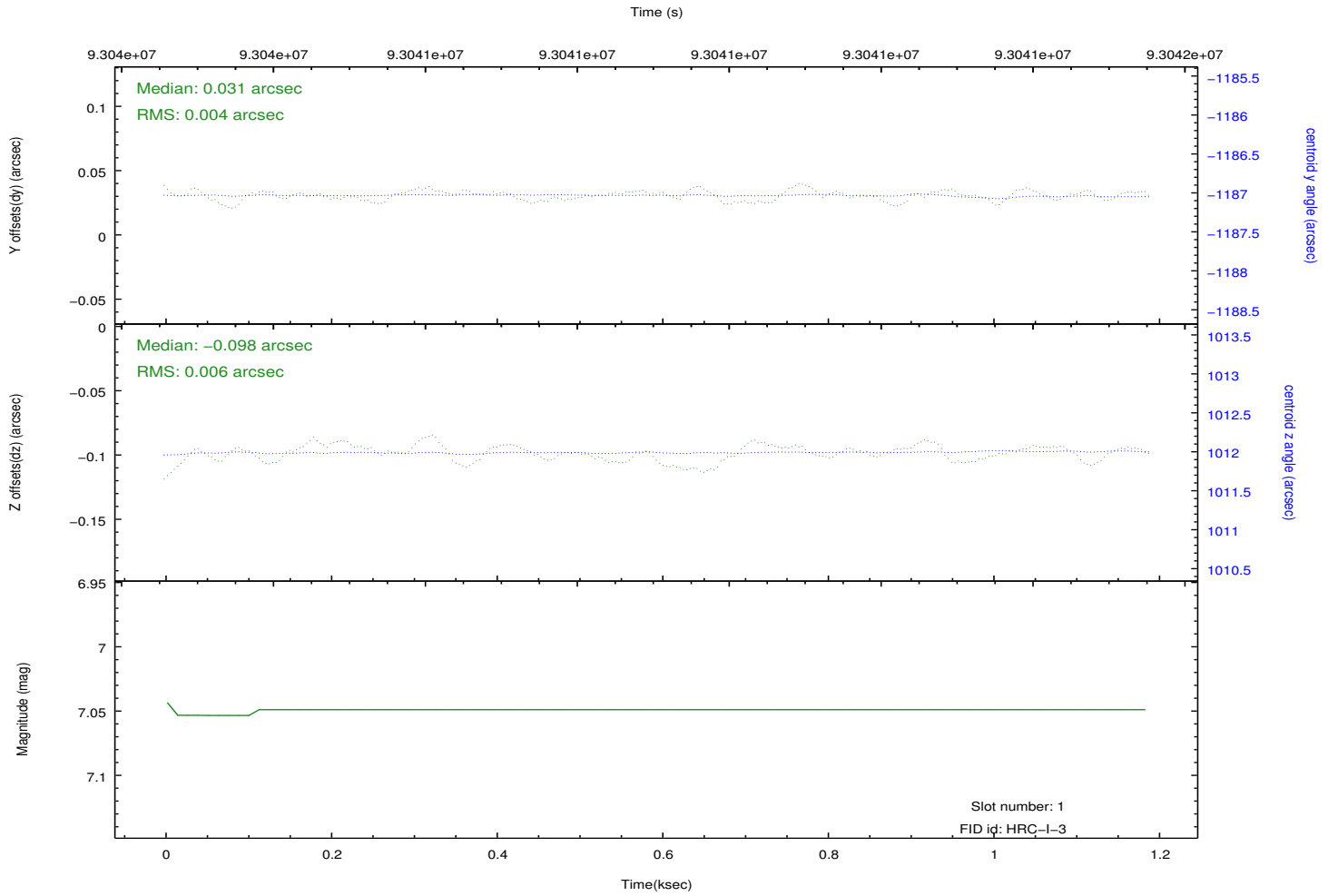
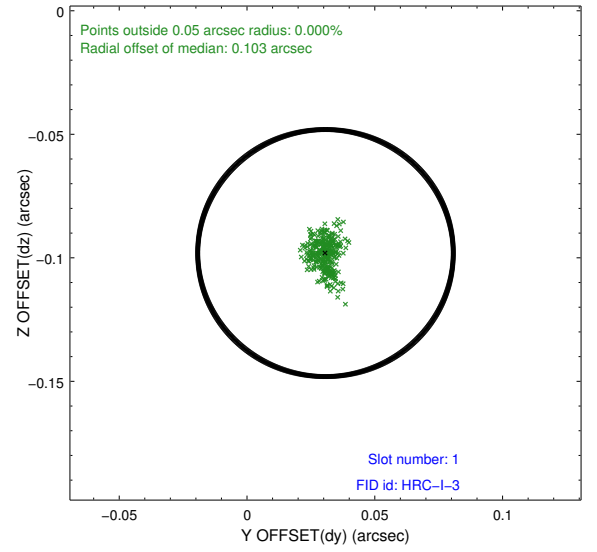
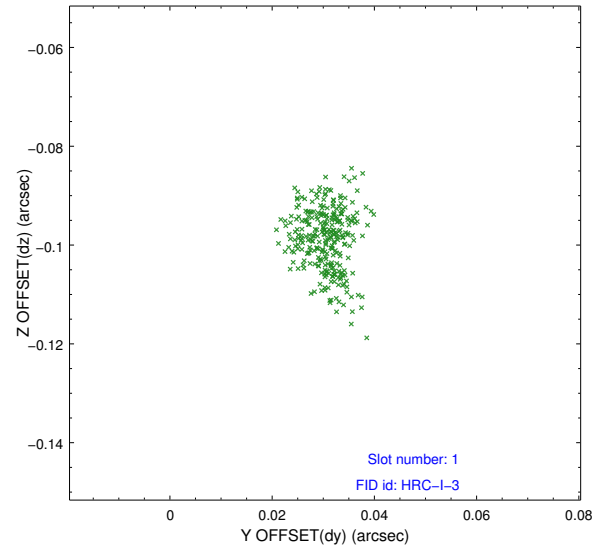


2.5 FID Slots

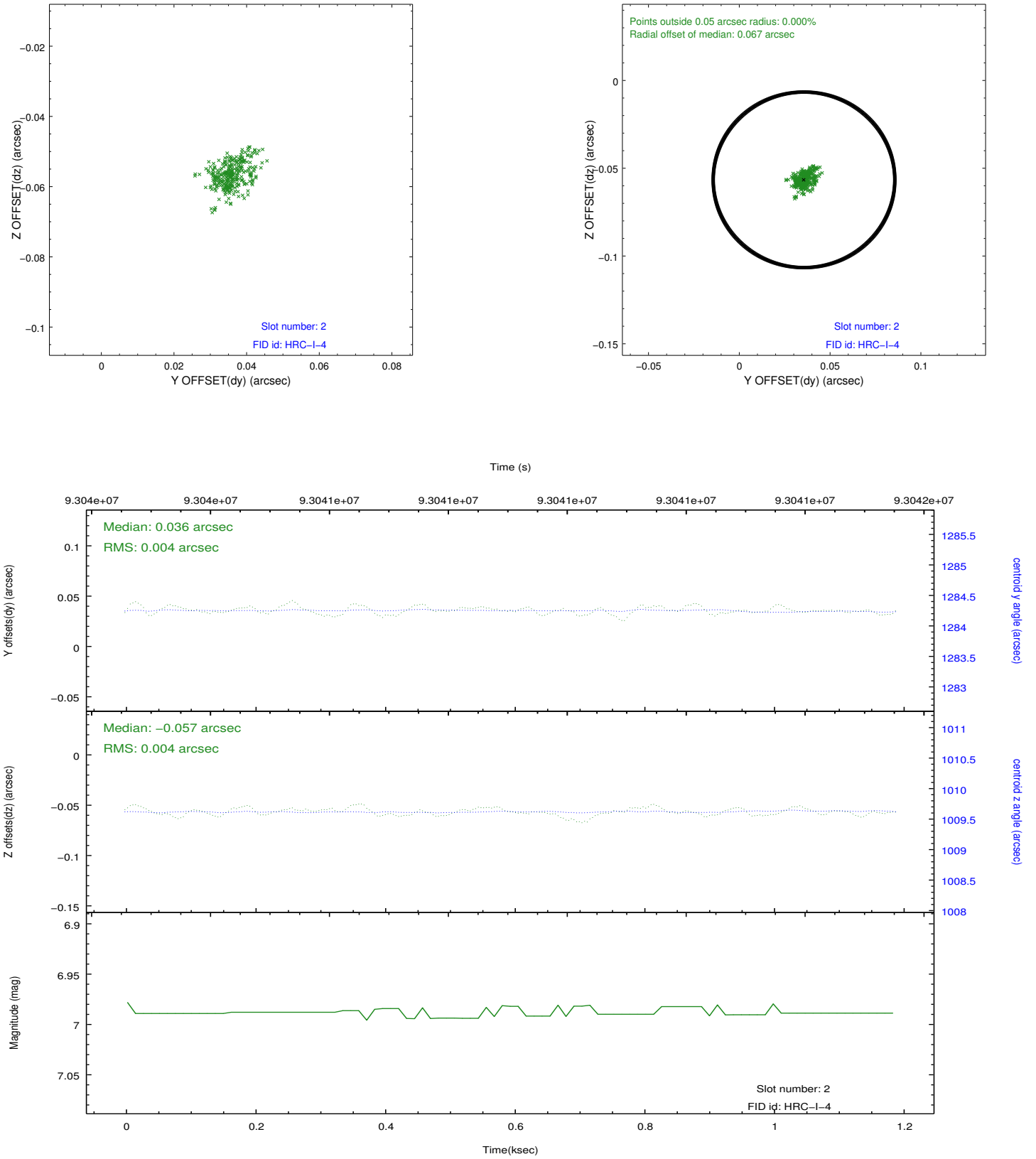
2.5.1 Slot 0



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)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.192

A.2 Comments