

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2346 - L2 Version 6
Chandra X-Ray Center

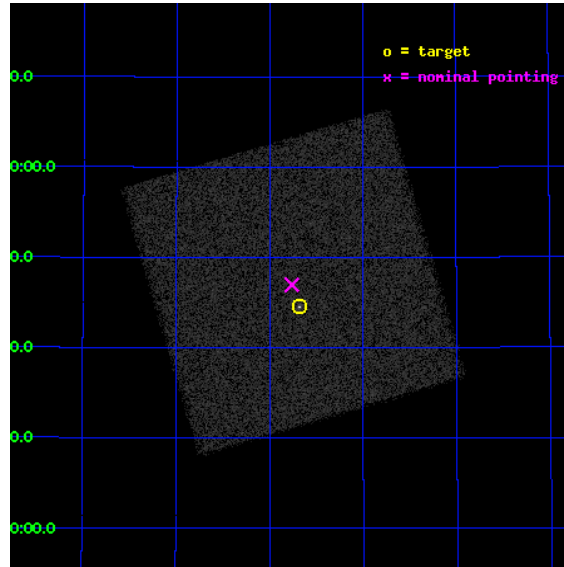
L2 Processing Date : Sep 4 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

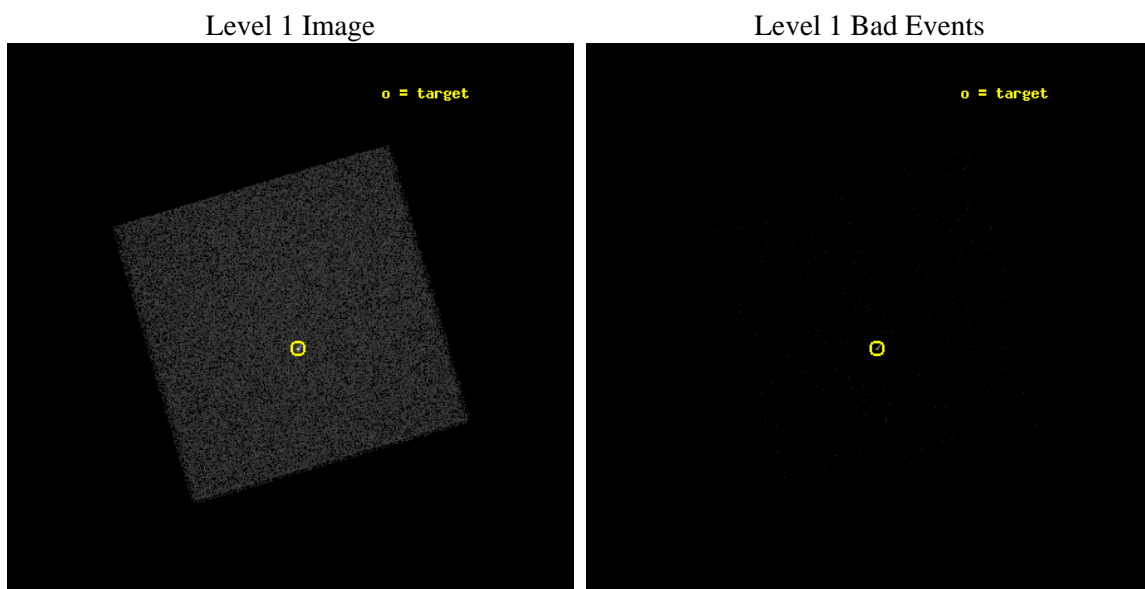
seq_num	290093	Sequence number
obs_id	2346	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC,HRC-I,AO2A	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.19036716408	Nominal RA [deg]
dec_nom	45.783130141658	Nominal Dec [deg]
roll_nom	298.58073628549	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1198.481295839	[s]
livetime	1189.462737373	Ontime multiplied by DTCOR
l2events	73444	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	1198.481295839	[s]
caldbver	4.5.1.1	 	l1events	119363	Number of level 1 events
date	2012-09-04T06:09:58	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

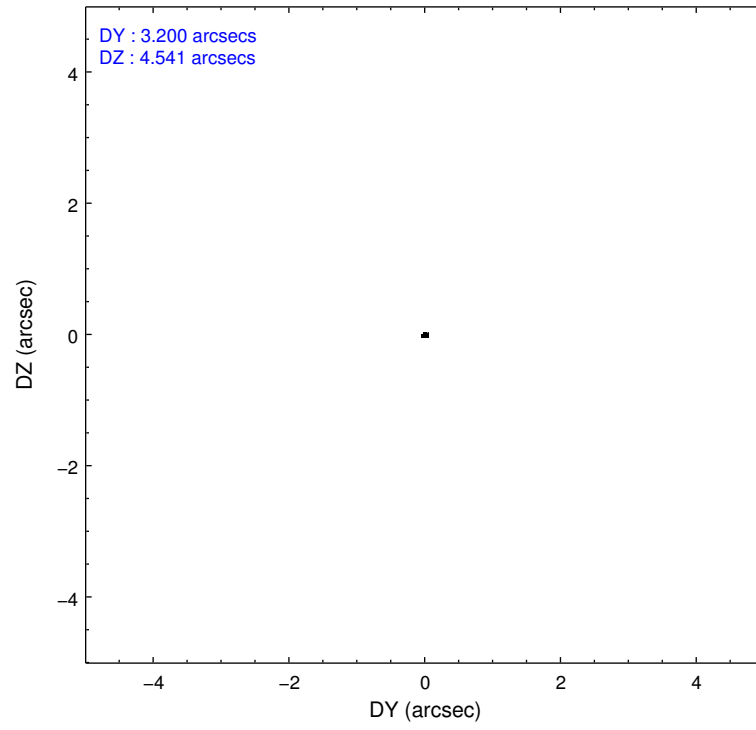
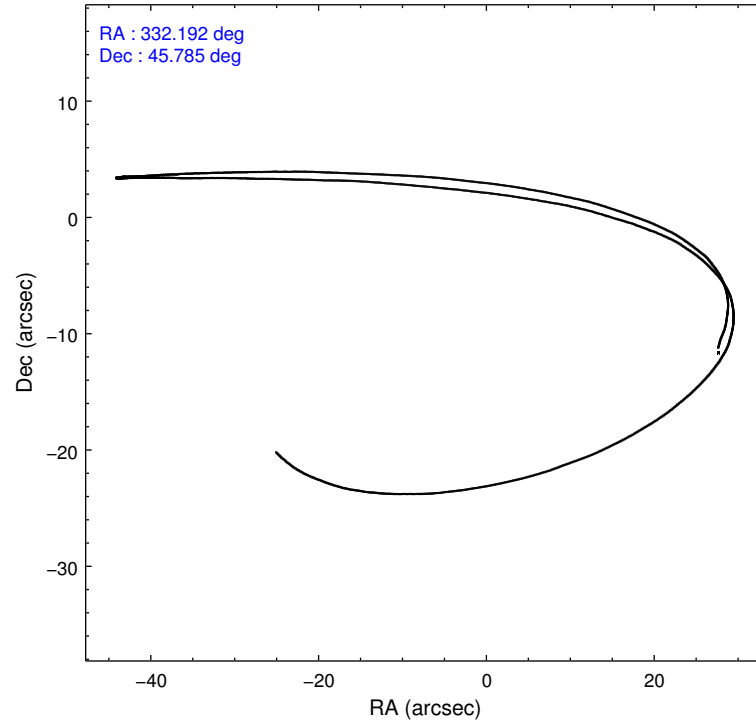
	segment 0
level 1 events	119363
rejected events	25642
rejected %	21%

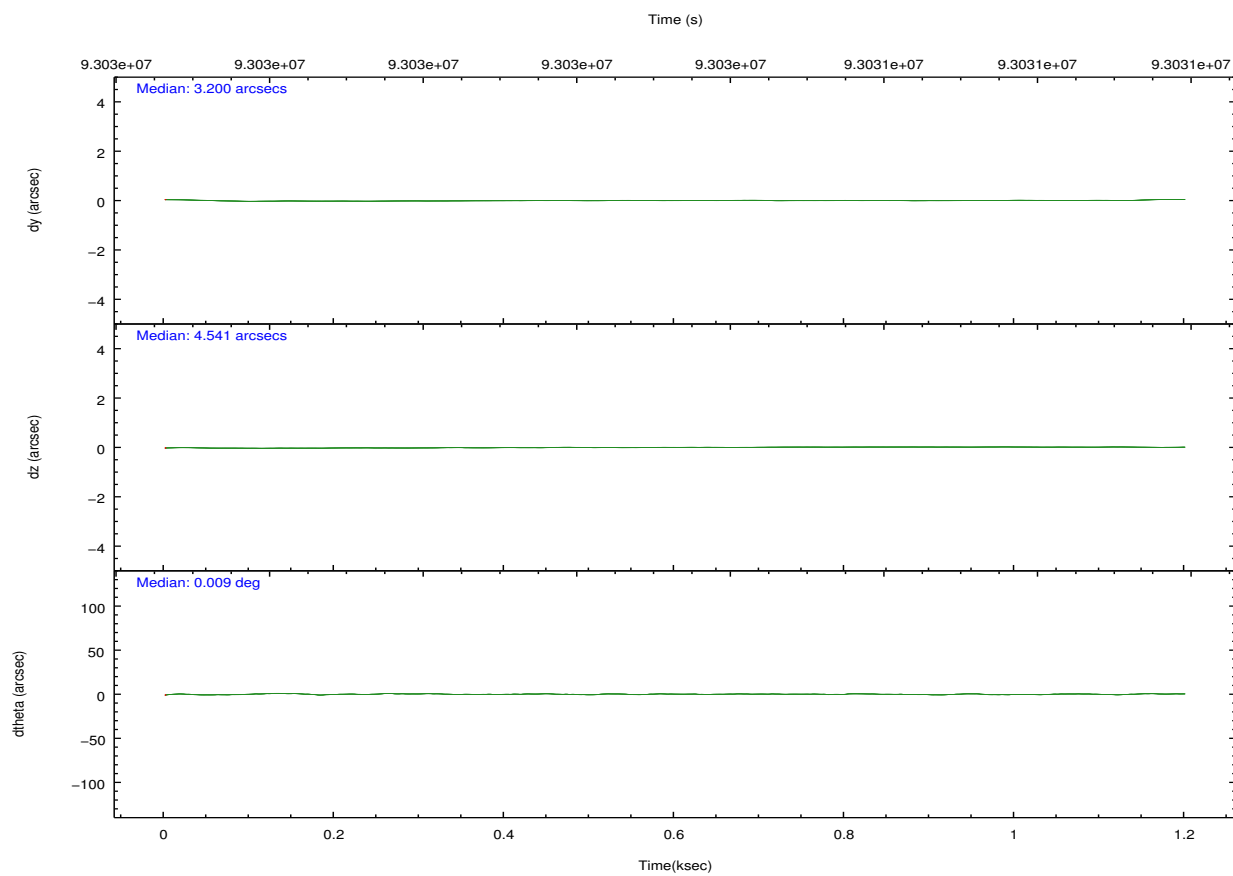
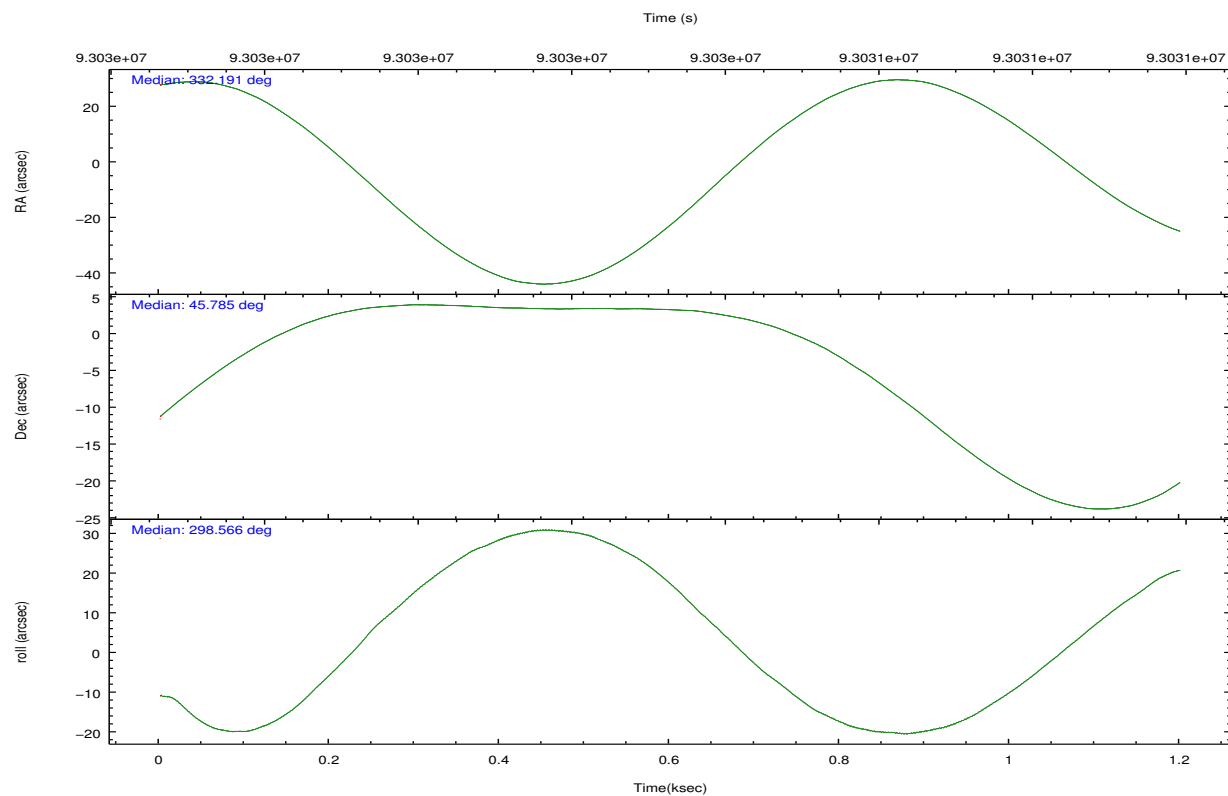
2.2 Compared Parameters

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	332.155966	332.1903671640756
[deg] Pointing Dec	45.796984	45.78313014165775
[deg] Pointing Roll	298.700827	298.5807362854875
[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)	93029931.184000	93029554.662569
Observation start date	2000-12-12T17:37:47	2000-12-12T17:32:34
[s] Observation end time (MET)	93030931.184000	93031064.487627
Observation end date	2000-12-12T17:54:27	2000-12-12T17:57:44

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

2.3 Aspect



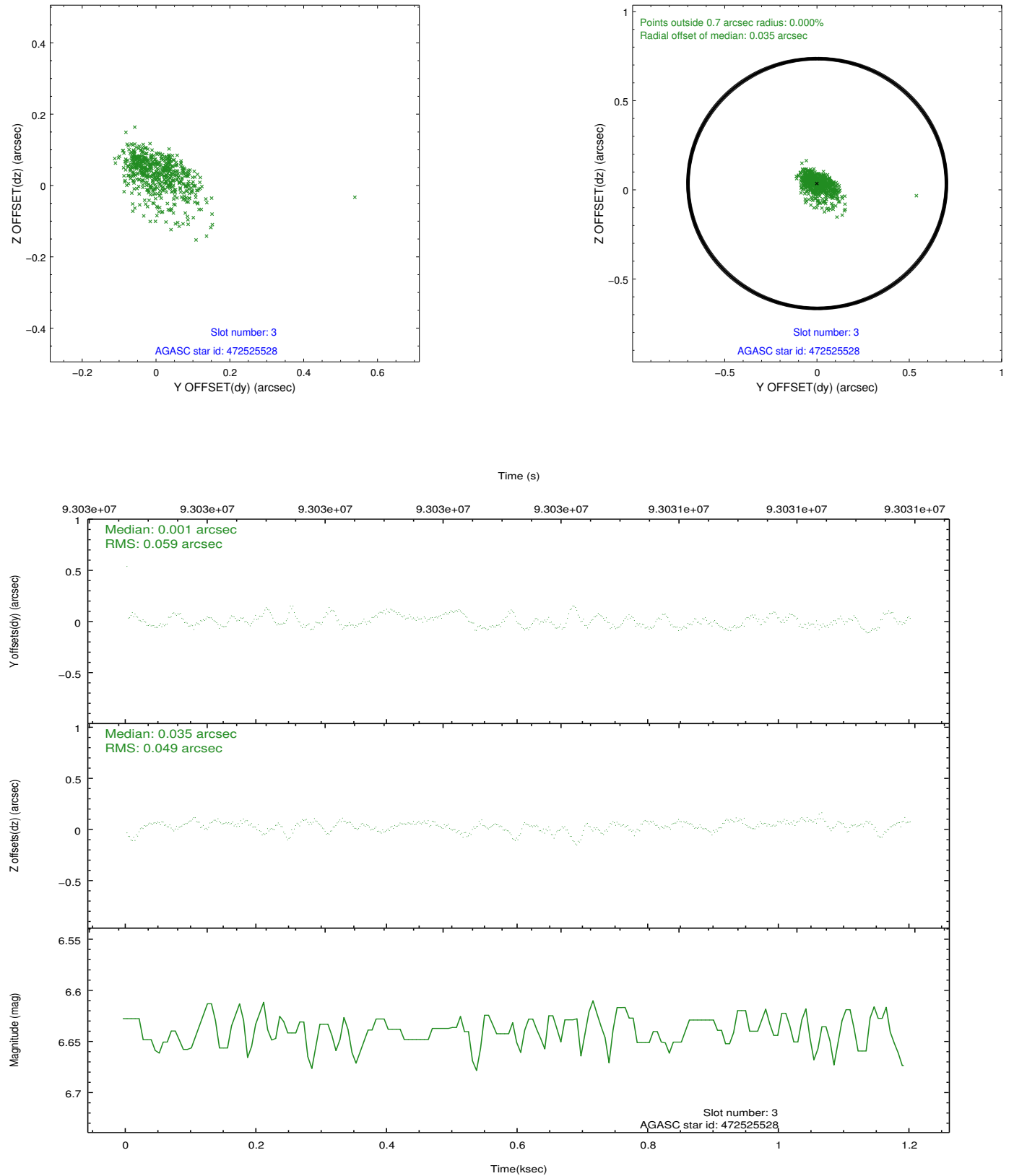


Slot Statistics

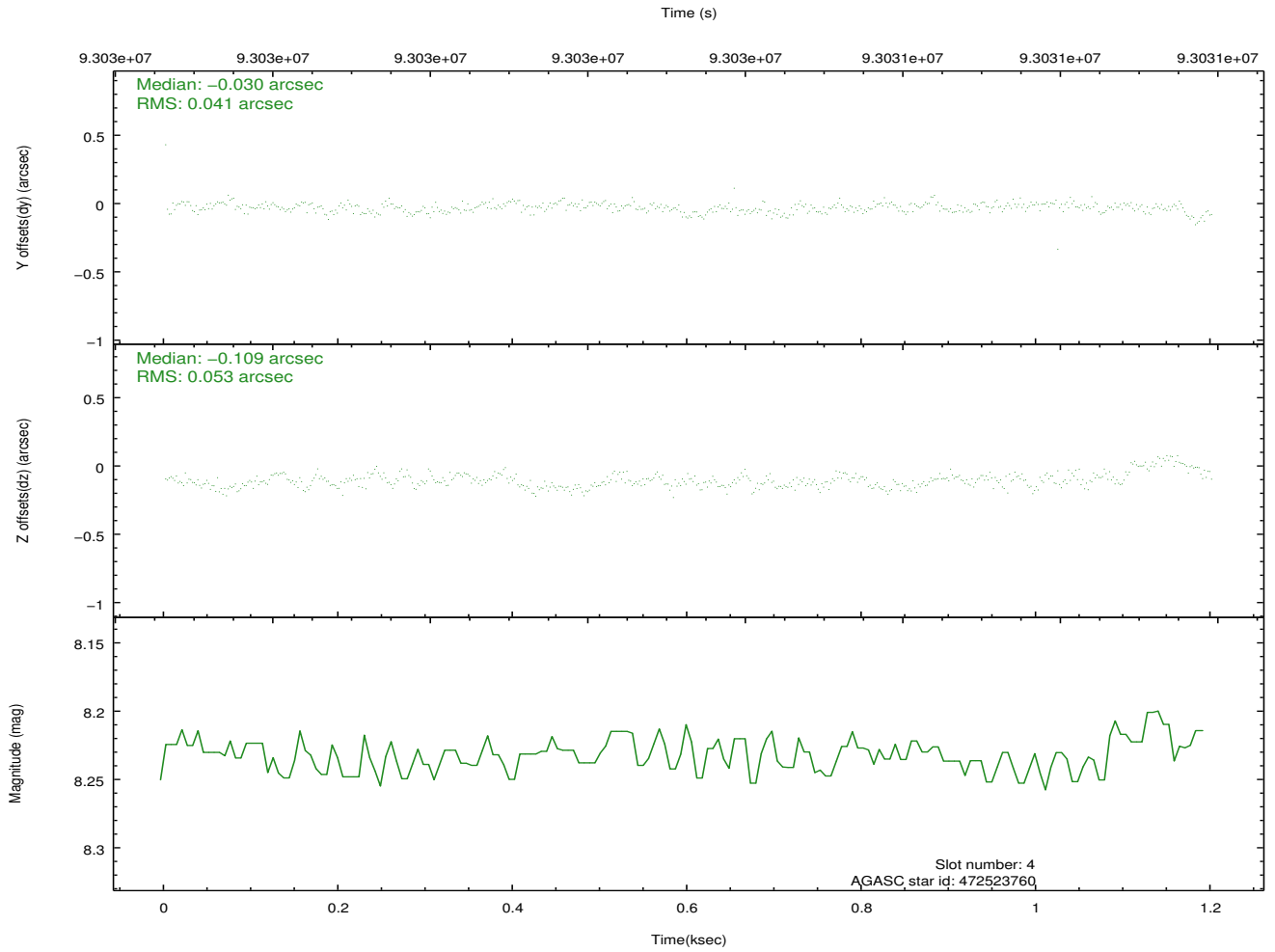
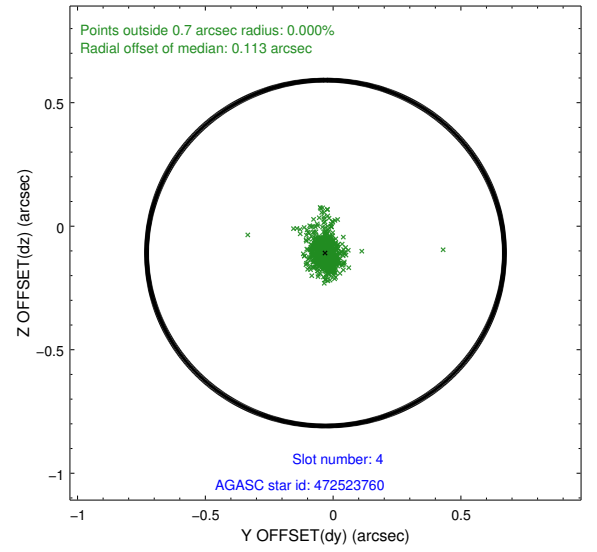
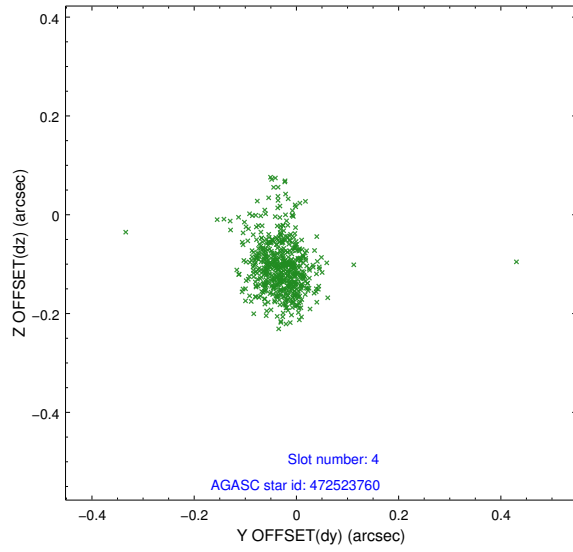
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	293	0.053	0.069	0.006	0.011	0.000000	0.000000	-758.63	-1292.29
1	FID	HRC-I-3	7.05	293	0.028	-0.096	0.007	0.013	0.000000	0.000000	-1189.72	1007.70
2	FID	HRC-I-4	6.98	293	0.032	-0.062	0.006	0.010	0.000000	0.000000	1280.09	1013.18
3	GUIDE	472525528	6.64	586	0.001	0.035	0.074	0.129	331.551102	45.248694	989.16	-2292.20
4	GUIDE	472523760	8.23	586	-0.030	-0.109	0.061	0.122	331.645363	45.403260	620.50	-1817.26
5	GUIDE	472665256	9.01	586	-0.084	-0.080	0.072	0.117	332.808125	46.195041	-483.33	2110.93
6	GUIDE	472659832	9.46	586	0.035	0.063	0.103	0.168	332.780399	46.098139	-210.42	1891.85
7	GUIDE	472655152	9.43	585	0.073	0.109	0.085	0.135	332.504239	45.862991	207.26	881.60

2.4 Star Slots

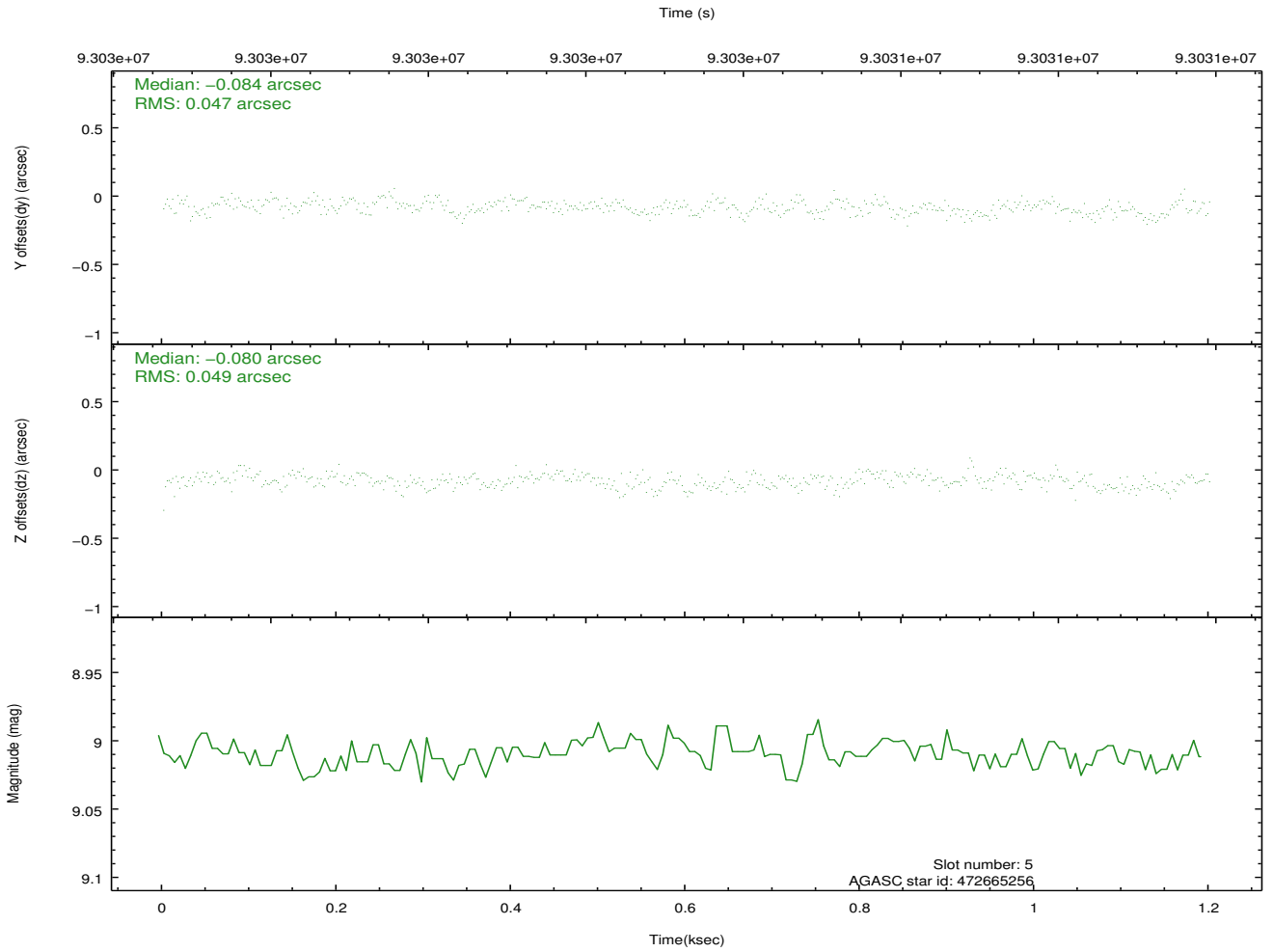
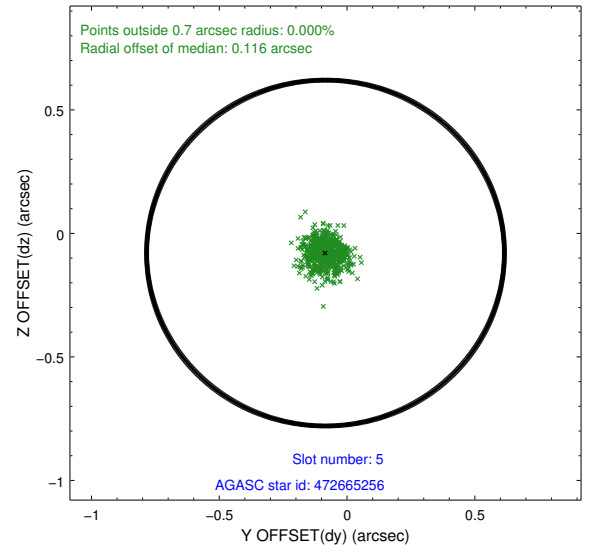
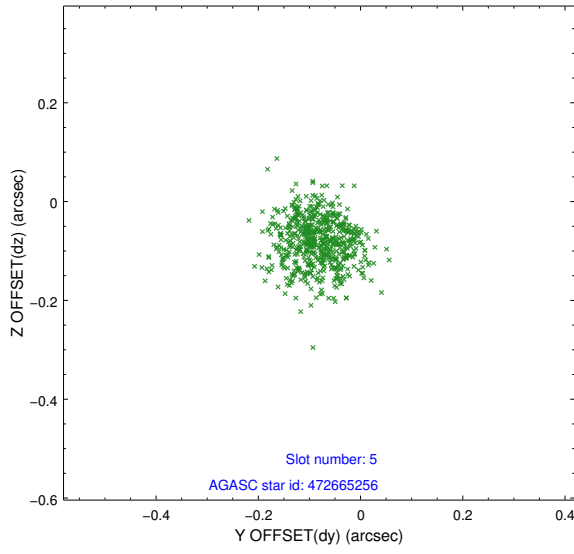
2.4.1 Slot 3



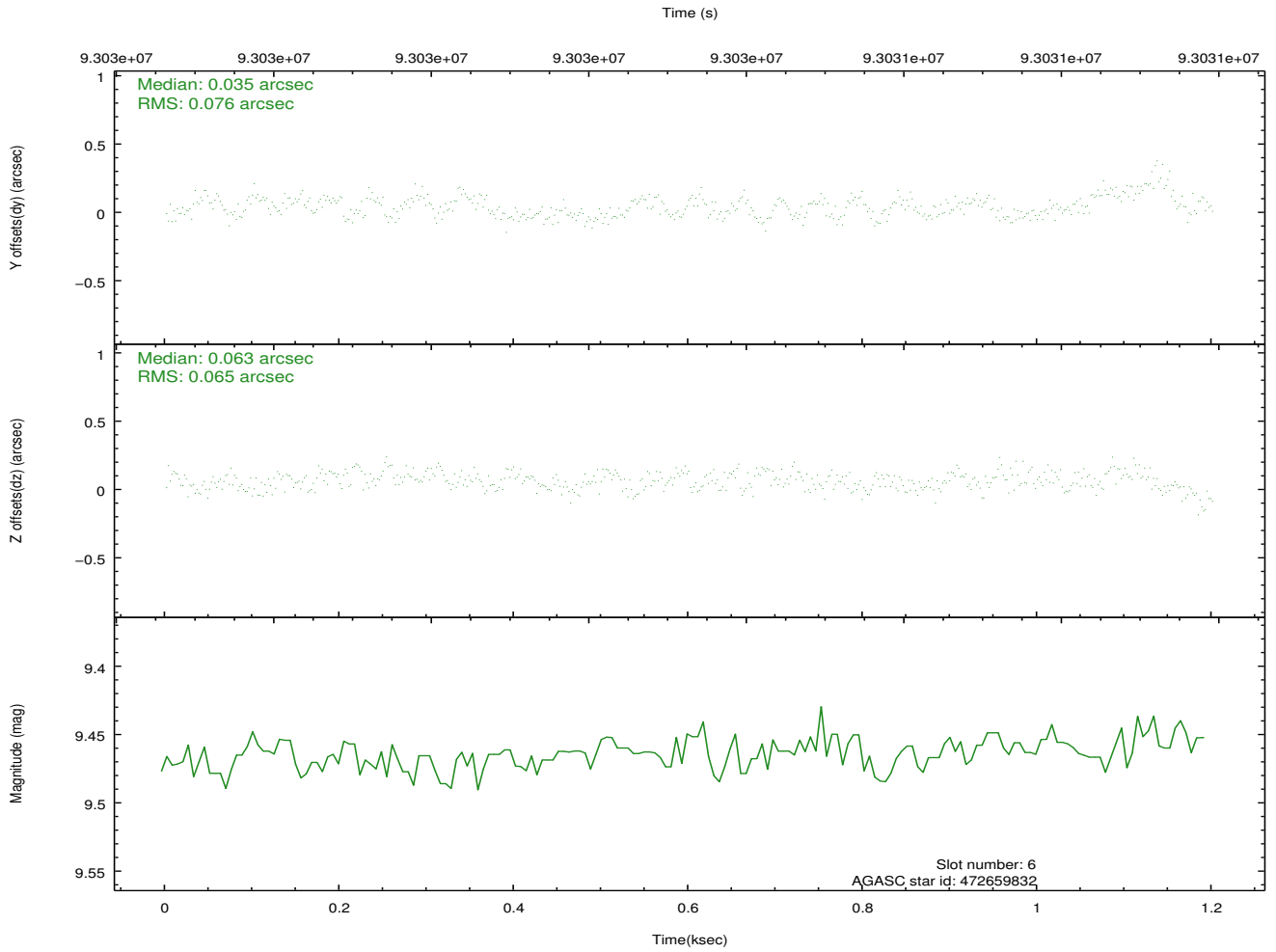
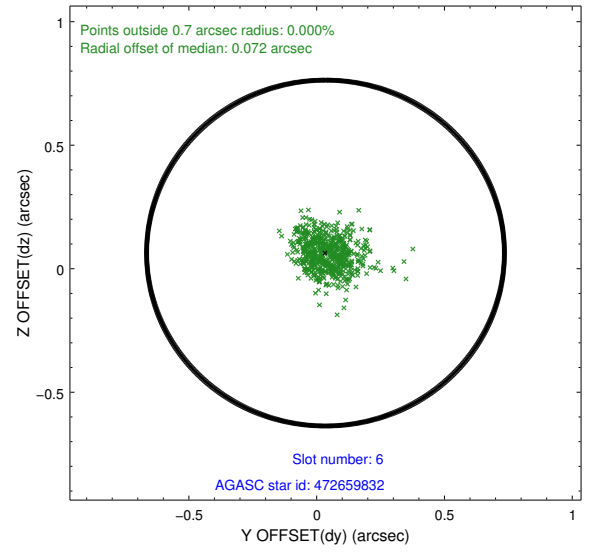
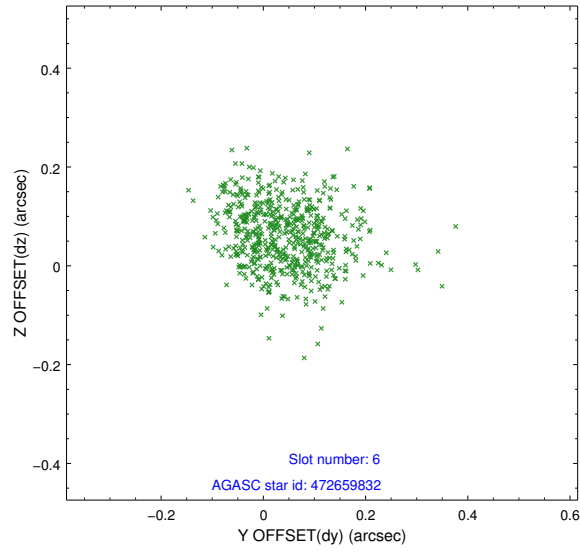
2.4.2 Slot 4



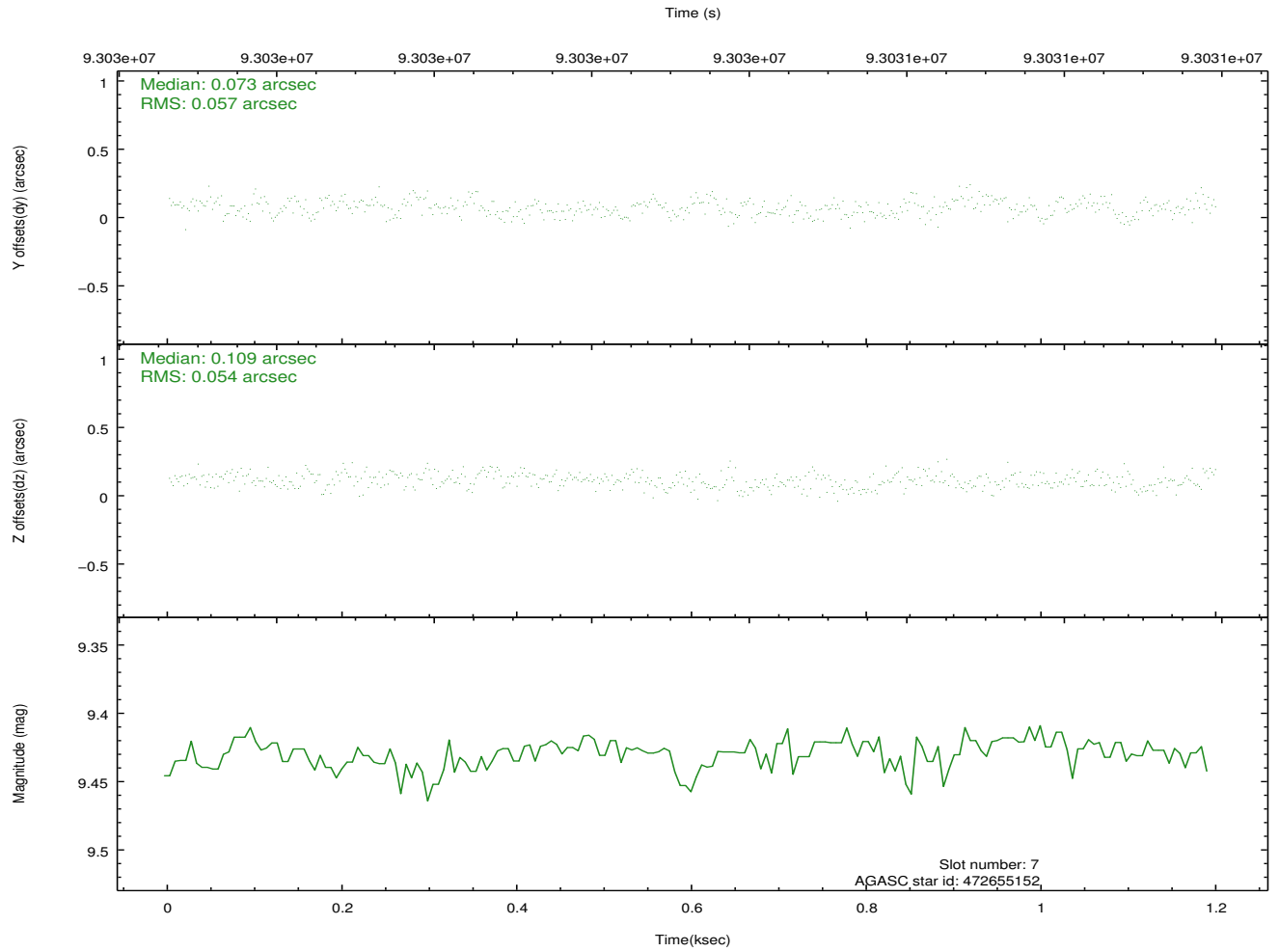
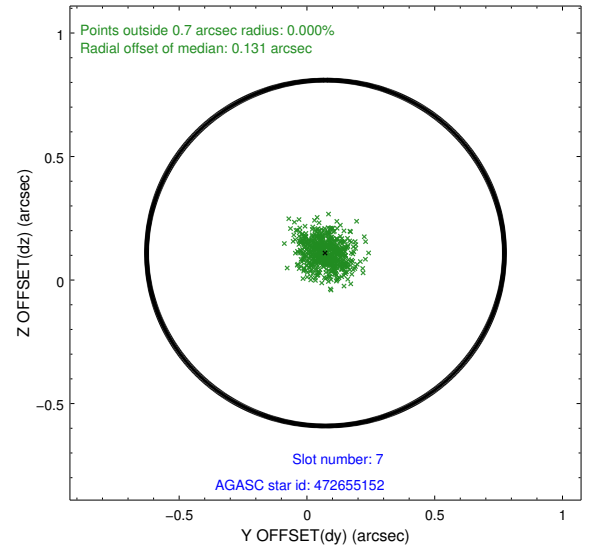
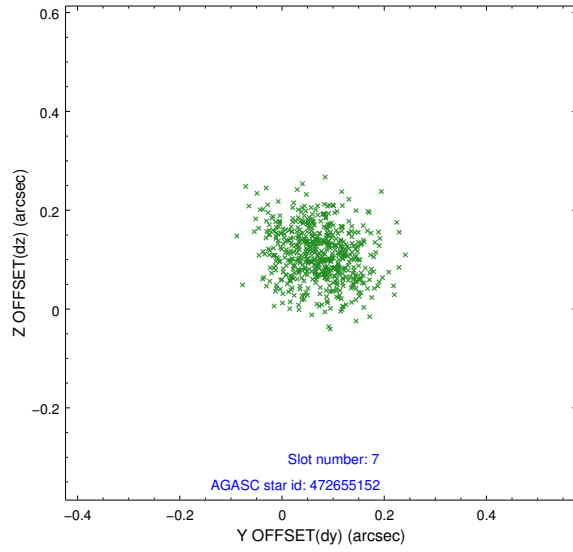
2.4.3 Slot 5



2.4.4 Slot 6

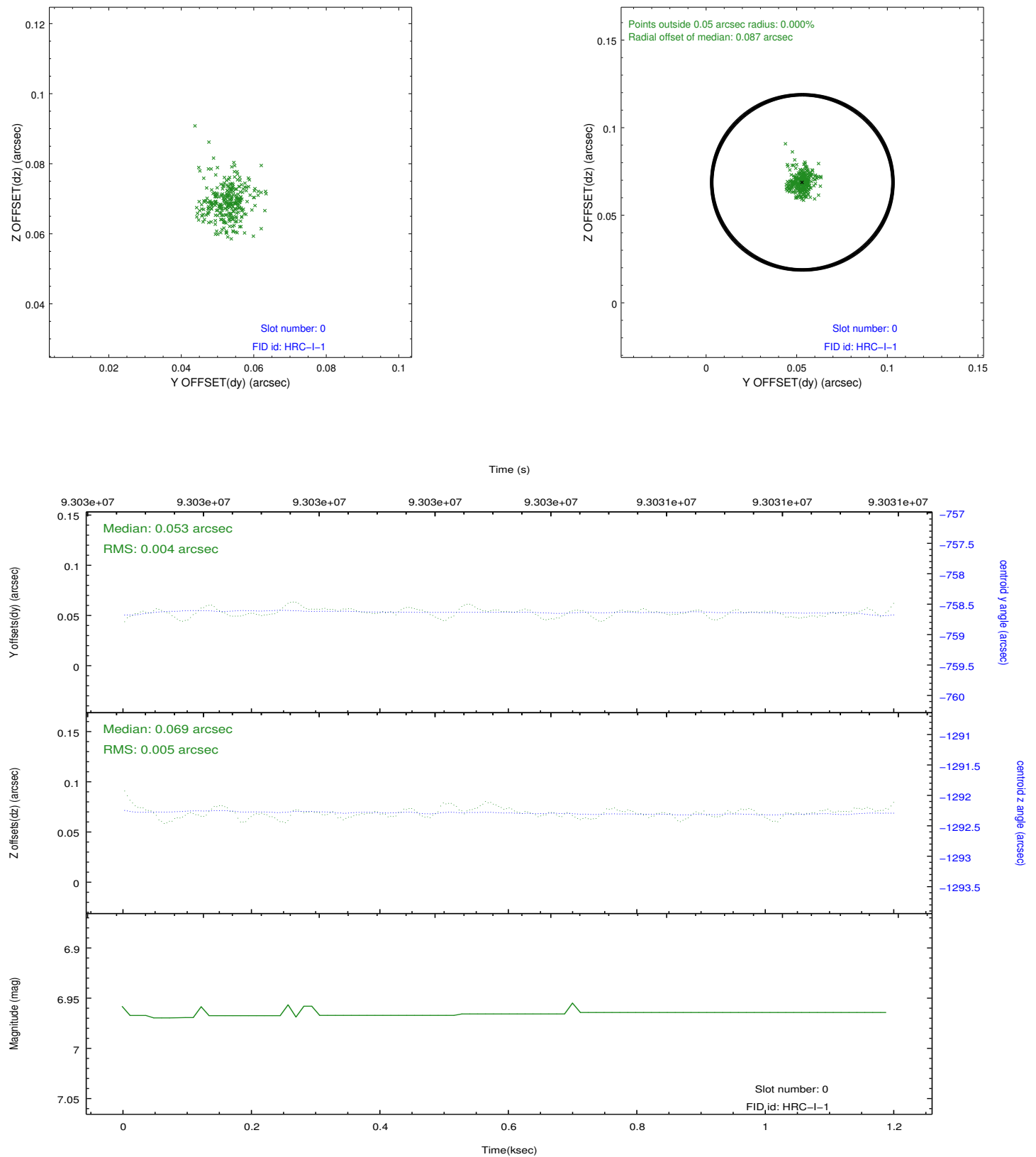


2.4.5 Slot 7

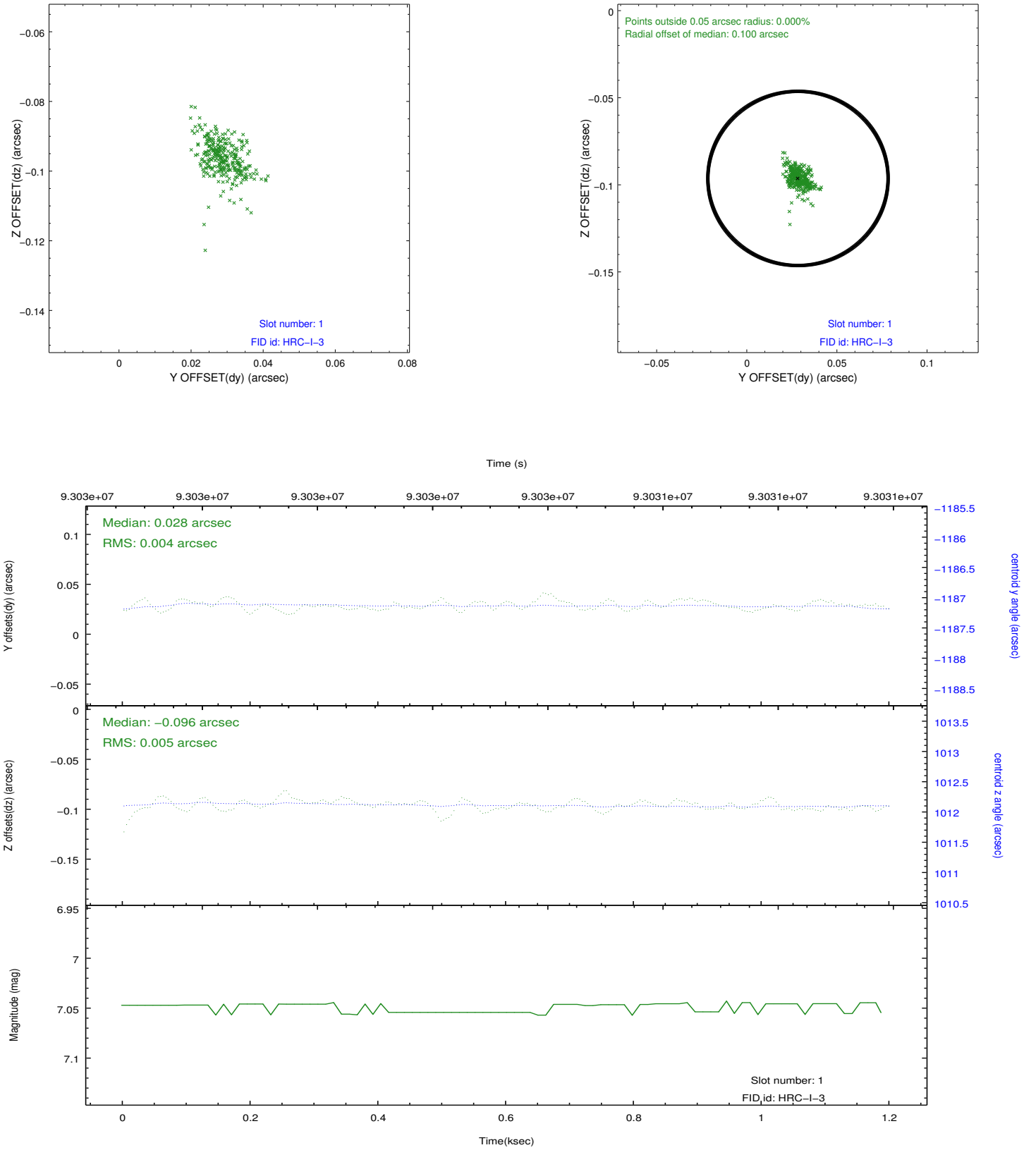


2.5 FID Slots

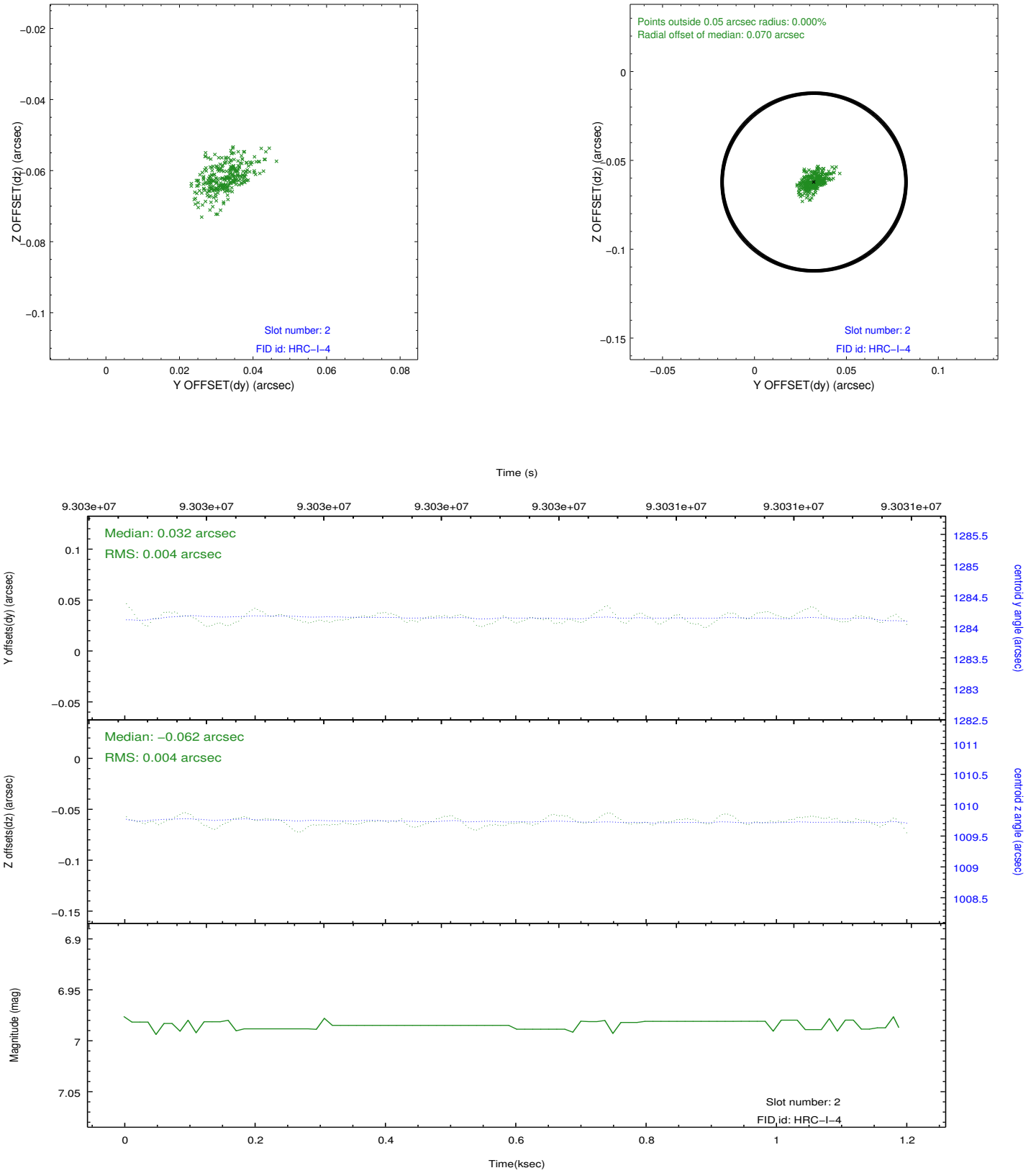
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	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	1.198

A.2 Comments