

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11906 - L2 Version 2
Chandra X-Ray Center

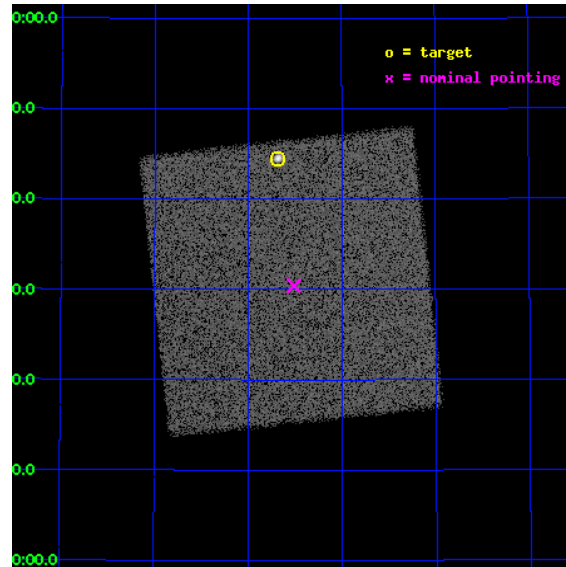
L2 Processing Date : Jul 3 2012

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

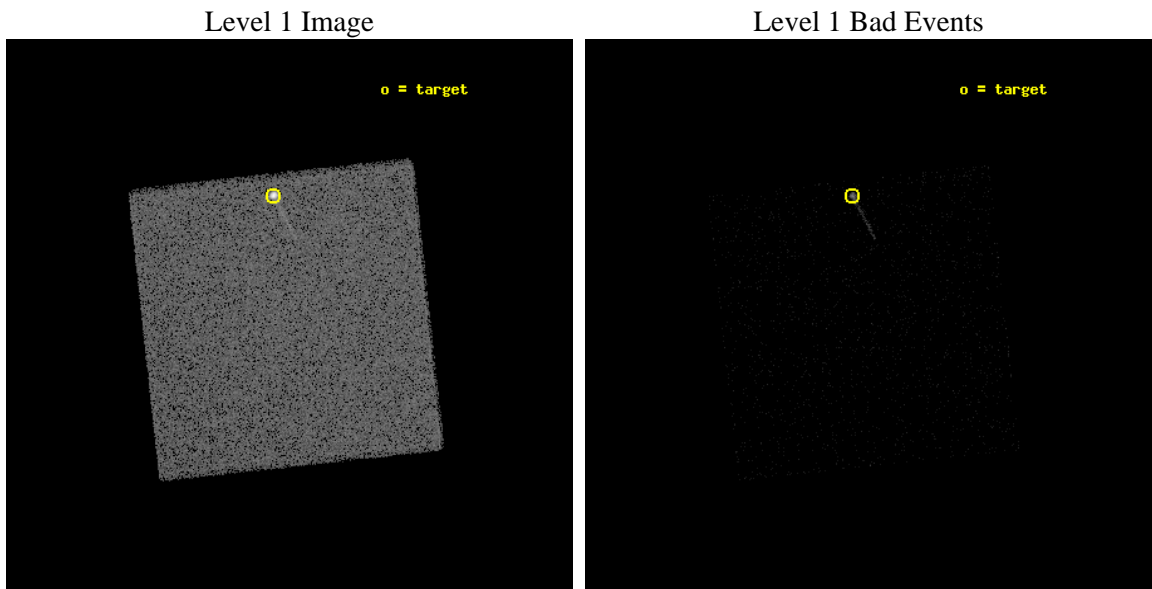
seq_num	290895	Sequence number
obs_id	11906	Observation id
title	AO-11 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.12796691932	Nominal RA [deg]
dec_nom	45.506831538955	Nominal Dec [deg]
roll_nom	218.78391671432	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1184.1313108206	[s]
livetime	1171.3370544343	Ontime multiplied by DTCOR
l2events	88653	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	1184.1313108206	[s]
caldbver	4.5.0	 	l1events	158121	Number of level 1 events
date	2012-07-03T23:46:05	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

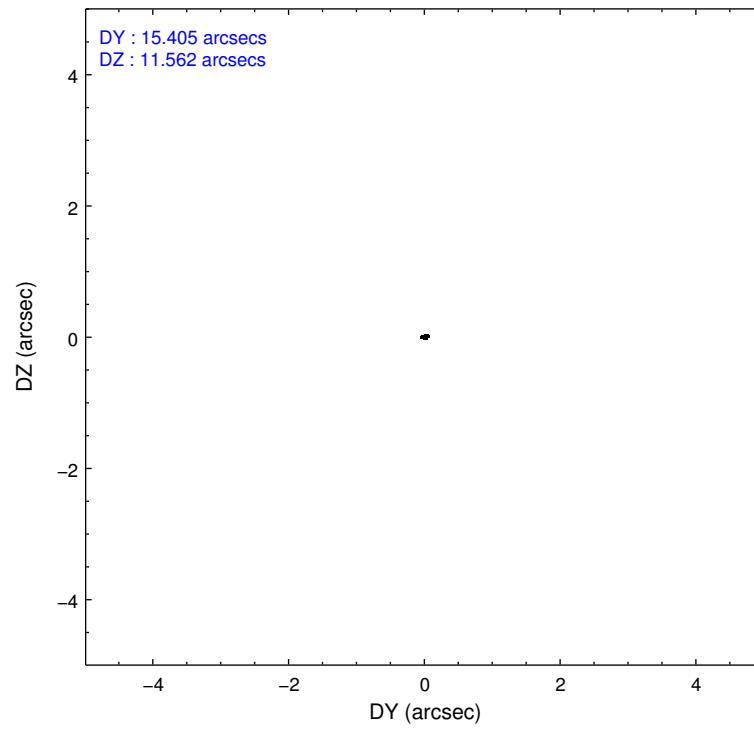
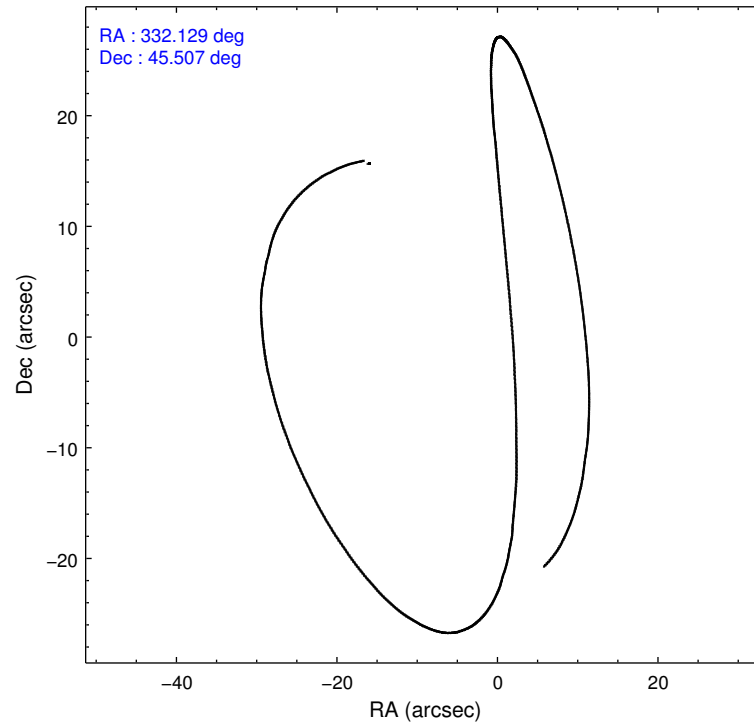
	segment 0
level 1 events	158121
rejected events	34127
rejected %	21%

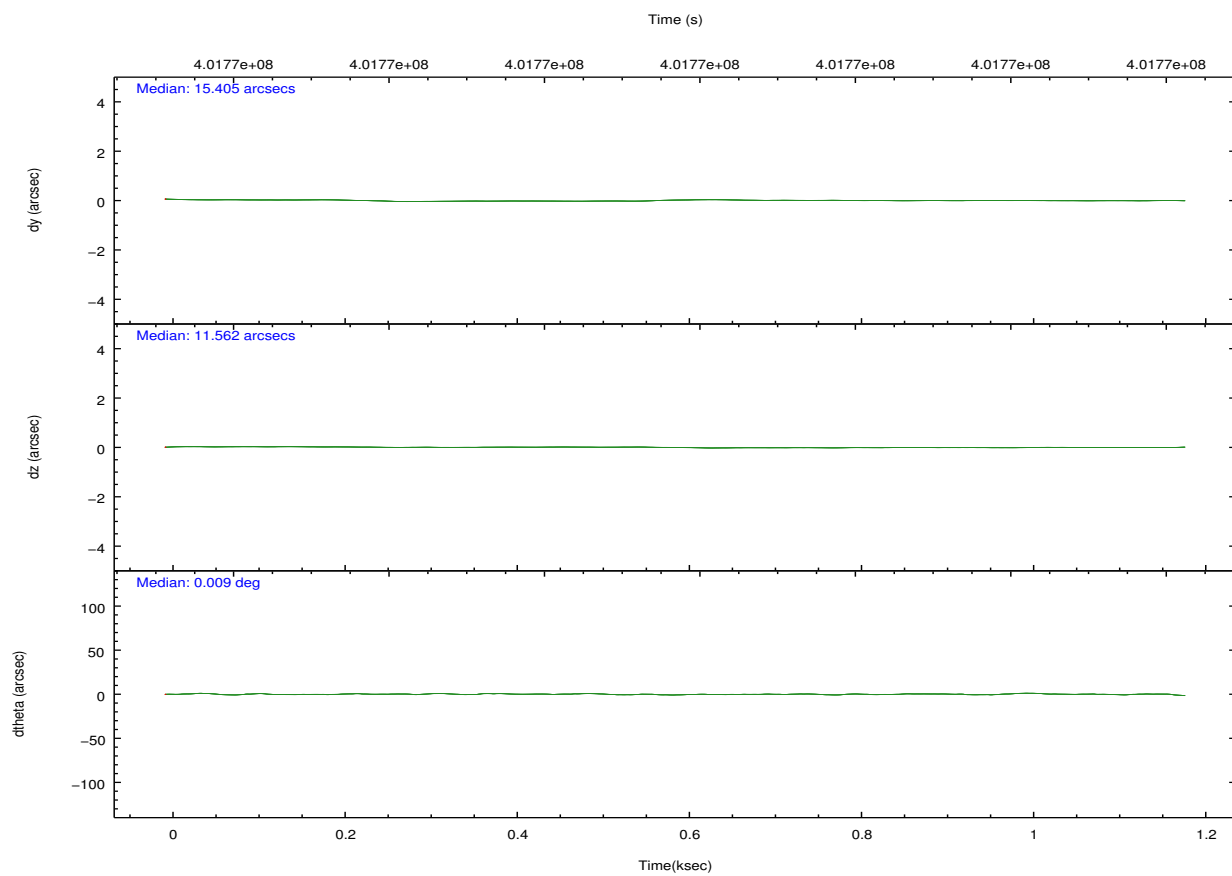
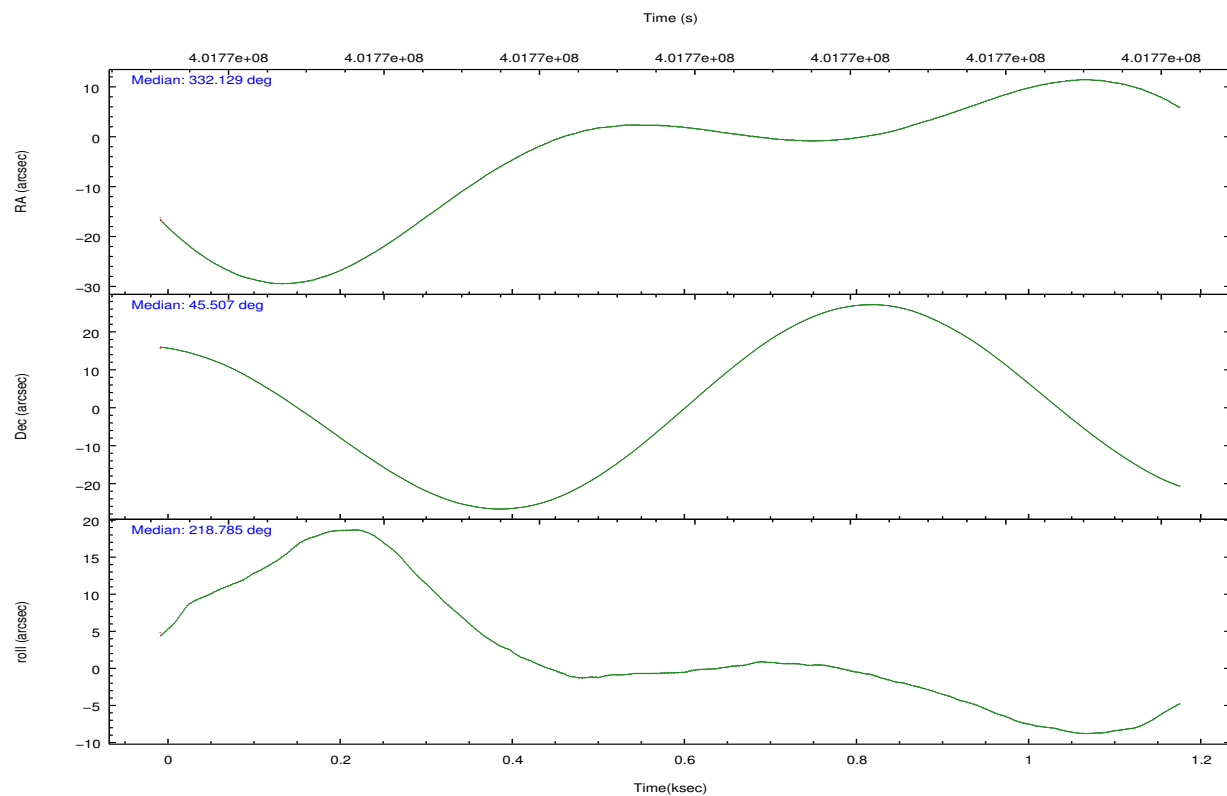
2.2 Compared Parameters

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	332.141423	332.1279669193235
[deg] Pointing Dec	45.532288	45.50683153895469
[deg] Pointing Roll	218.869815	218.7839167143209
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	401771953.184000	401771576.88708
Observation start date	2010-09-25T03:18:07	2010-09-25T03:12:56
[s] Observation end time (MET)	401772953.184000	401773087.22466
Observation end date	2010-09-25T03:34:47	2010-09-25T03:38:07

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

2.3 Aspect



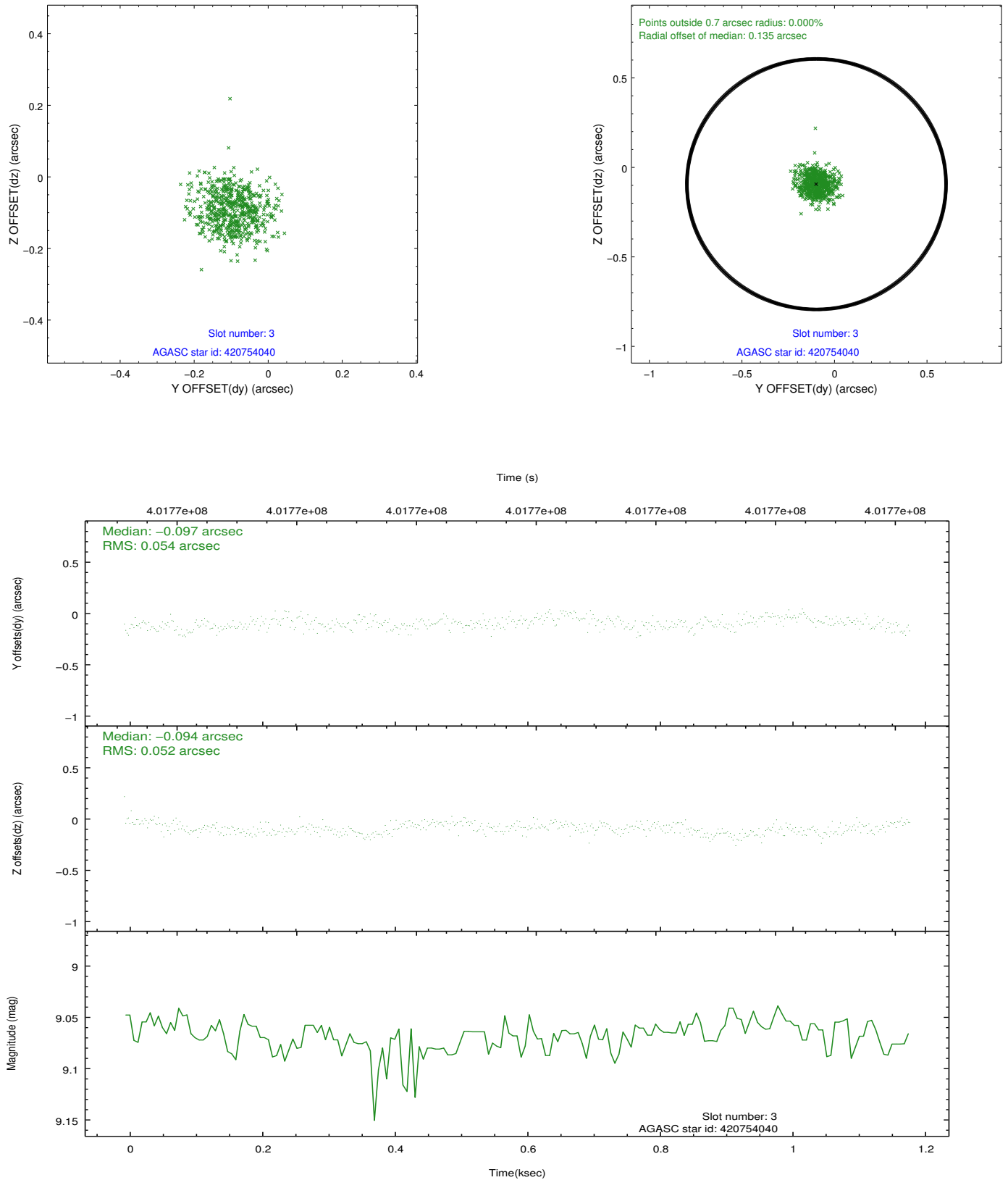


Slot Statistics

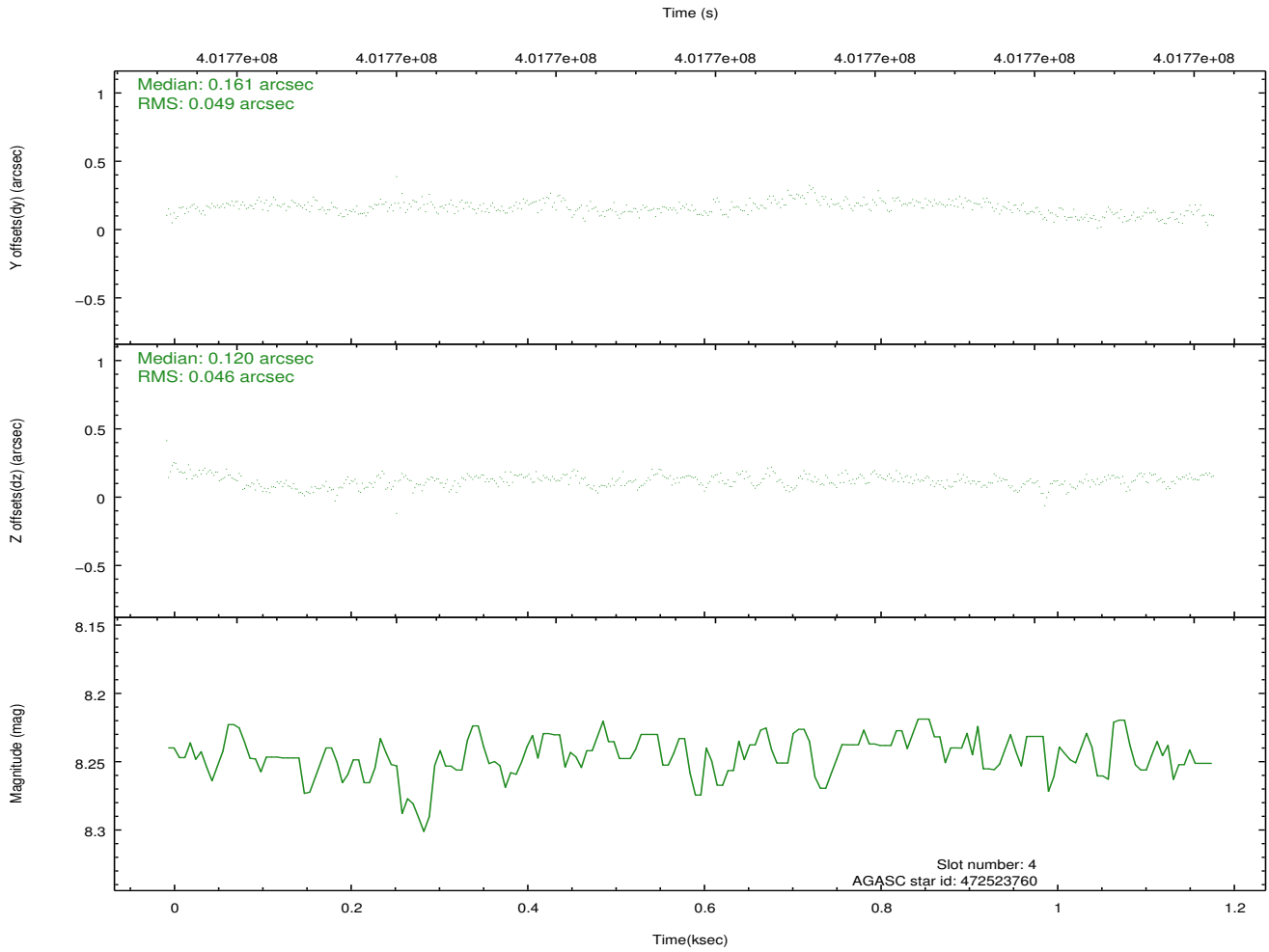
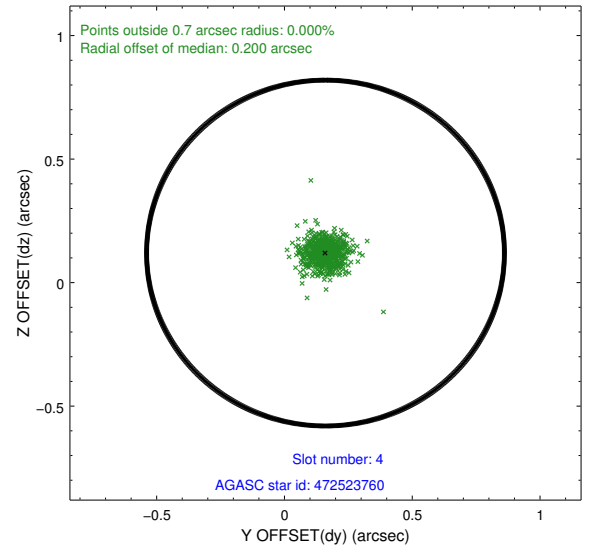
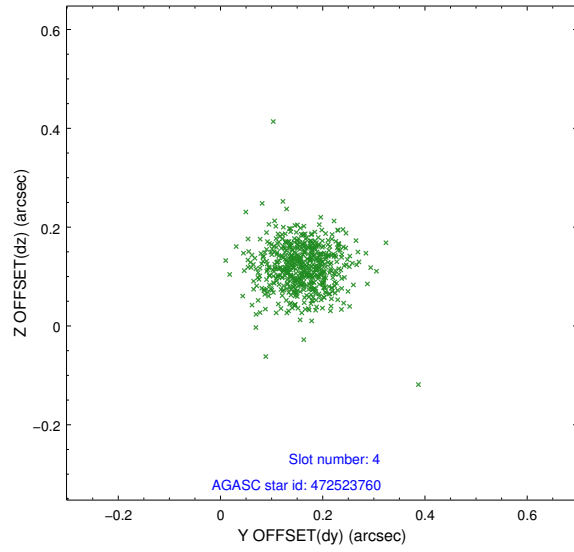
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	290	-0.073	0.011	0.006	0.010	0.000000	0.000000	-771.30	-1299.54
1	FID	HRC-I-2	6.98	290	0.213	-0.108	0.006	0.009	0.000000	0.000000	838.96	-1305.71
2	FID	HRC-I-3	7.05	290	-0.021	0.008	0.005	0.009	0.000000	0.000000	-1196.84	1000.52
3	GUIDE	420754040	9.07	579	-0.097	-0.094	0.078	0.129	331.917939	44.882543	1910.21	1464.11
4	GUIDE	472523760	8.24	579	0.161	0.120	0.068	0.112	331.645363	45.403260	1269.03	-424.64
5	GUIDE	472527720	7.02	579	-0.130	-0.066	0.080	0.137	331.460205	45.112509	2293.48	84.90
6	GUIDE	472651904	6.11	579	-0.019	-0.017	0.085	0.147	332.170077	45.742257	-526.21	-542.98
7	GUIDE	472655152	9.43	575	0.069	0.051	0.121	0.198	332.504239	45.862991	-1457.29	-357.40

2.4 Star Slots

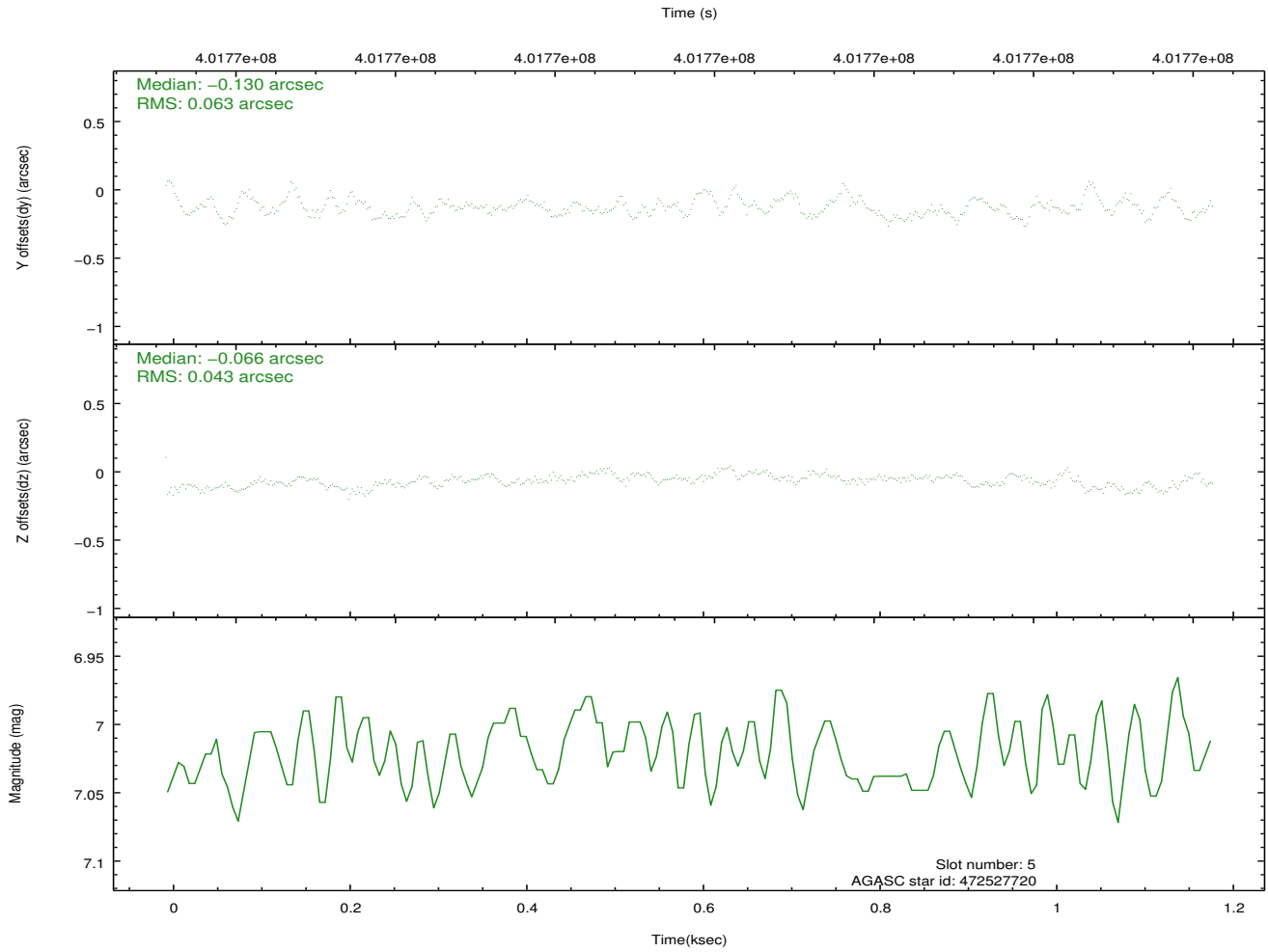
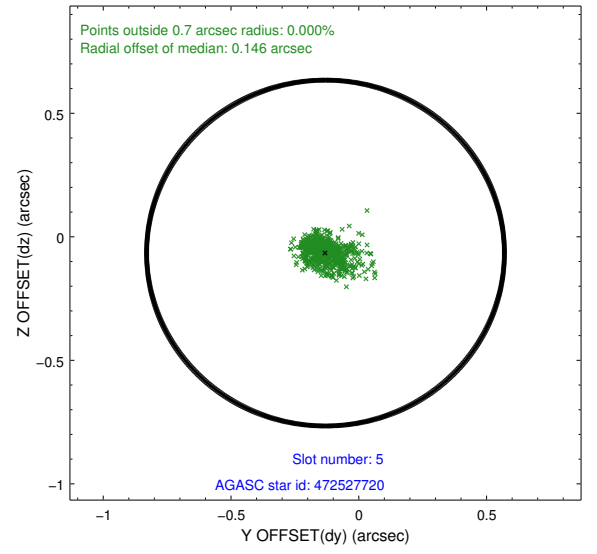
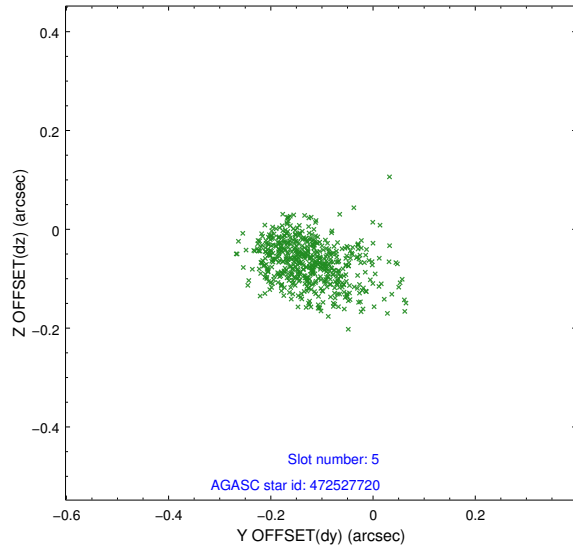
2.4.1 Slot 3



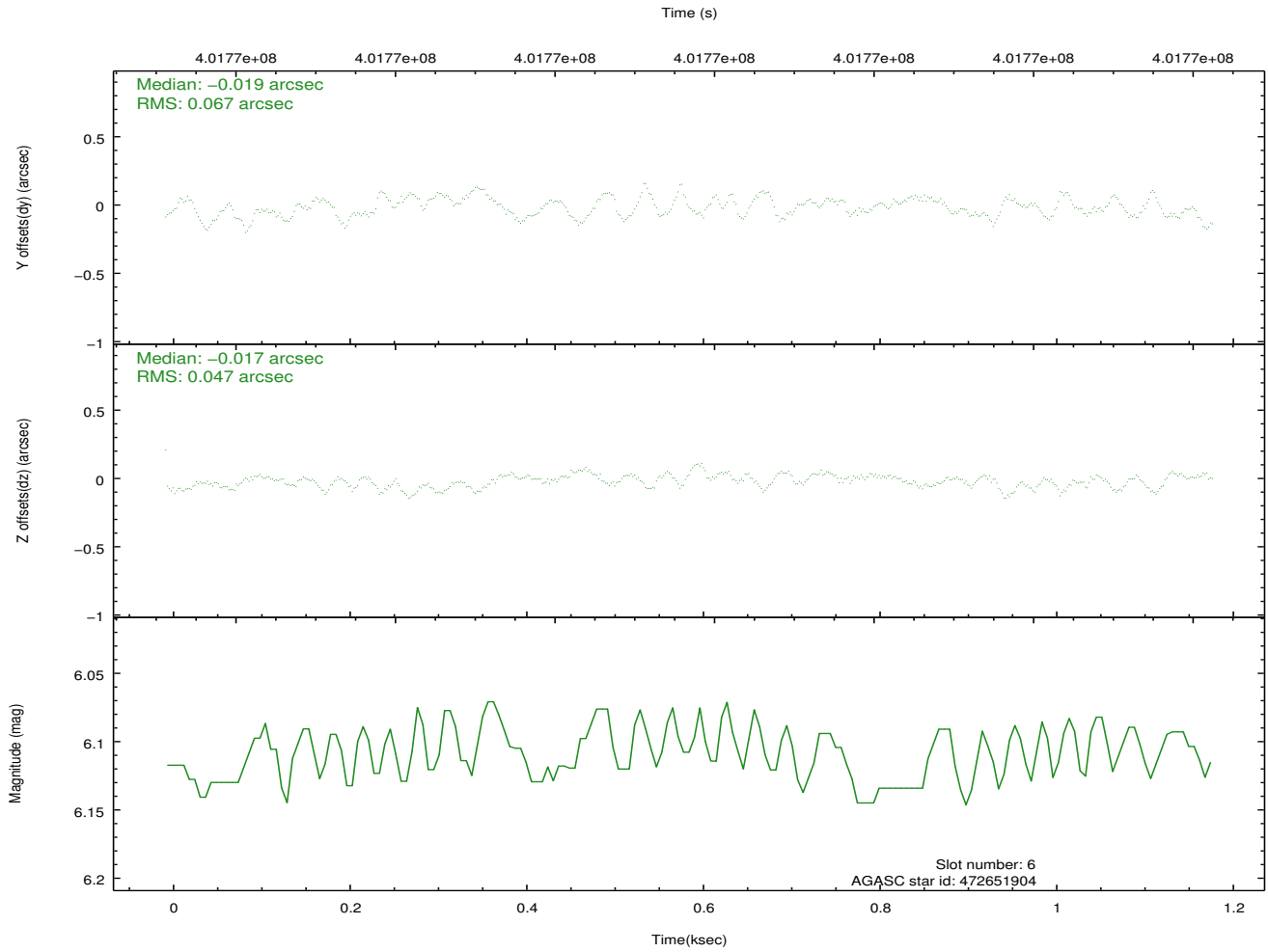
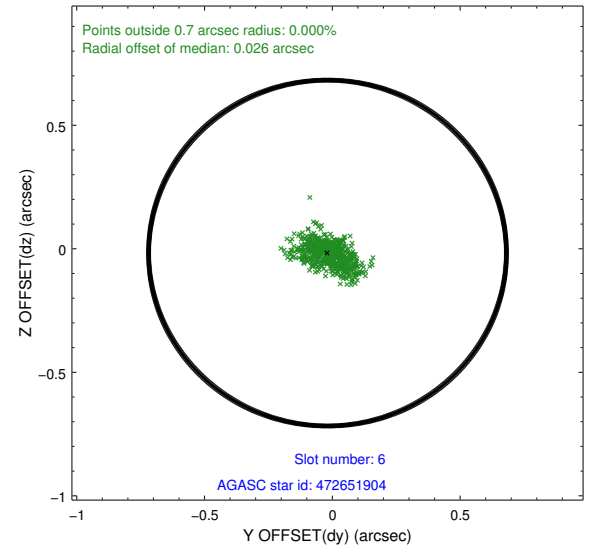
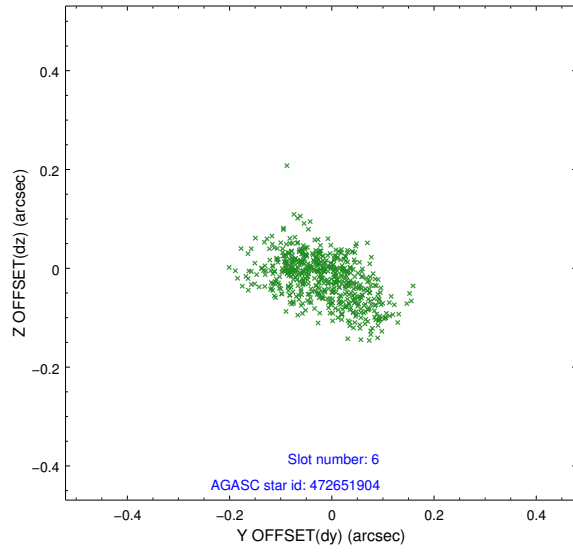
2.4.2 Slot 4



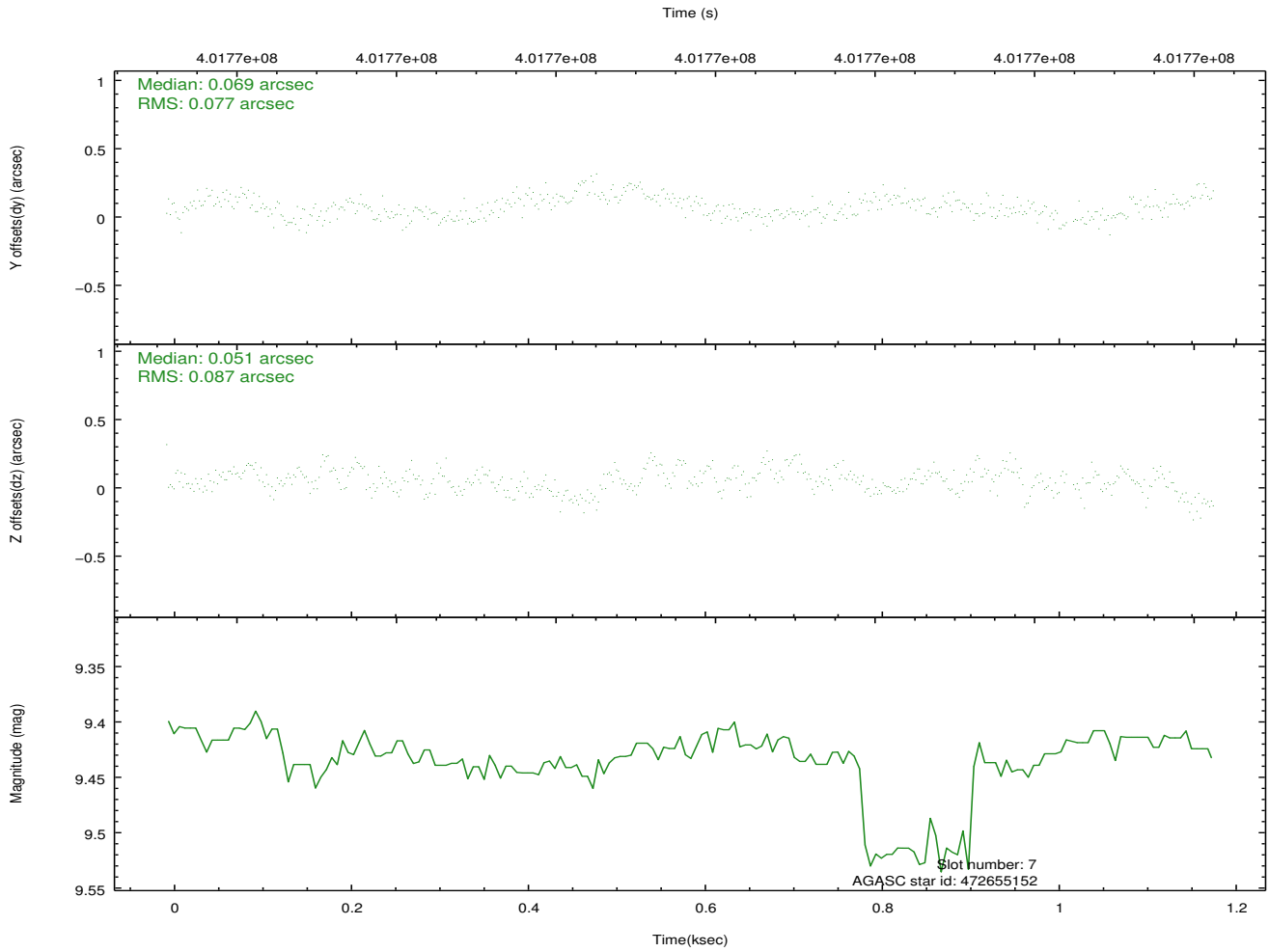
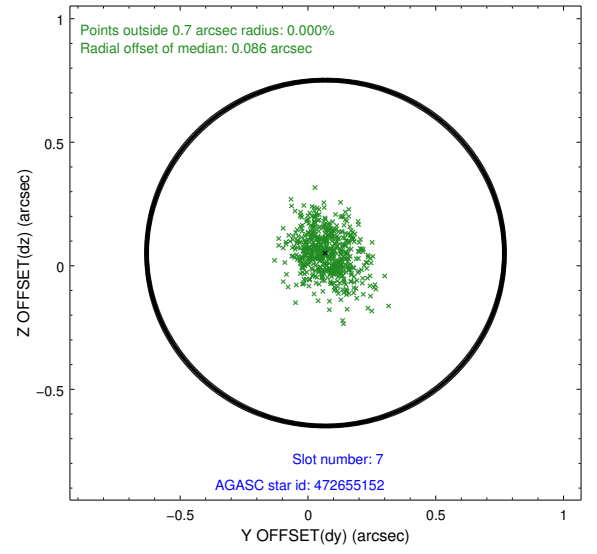
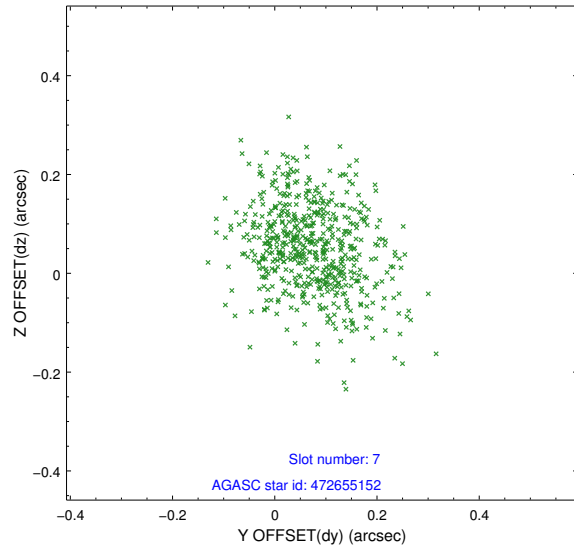
2.4.3 Slot 5



2.4.4 Slot 6

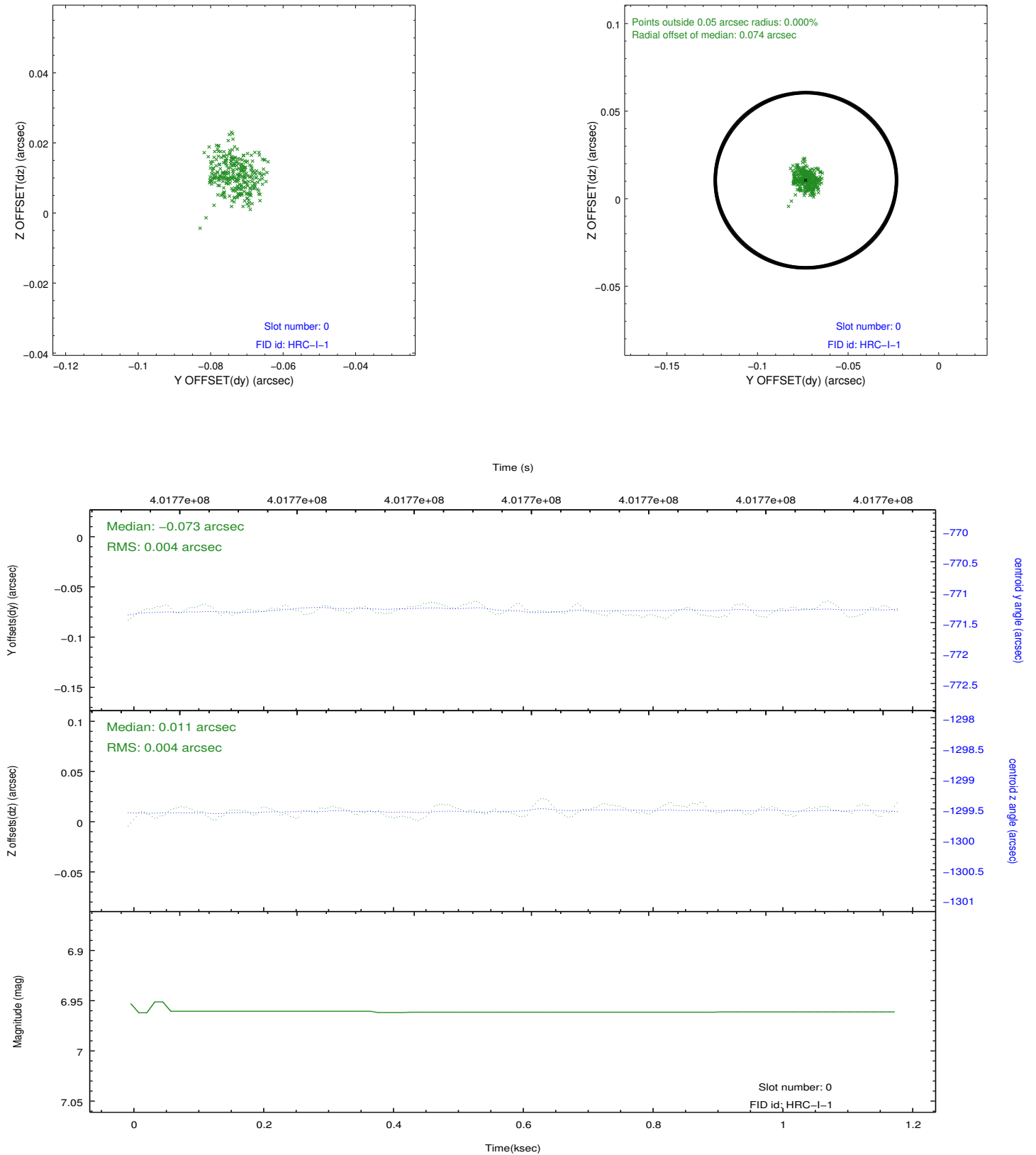


2.4.5 Slot 7

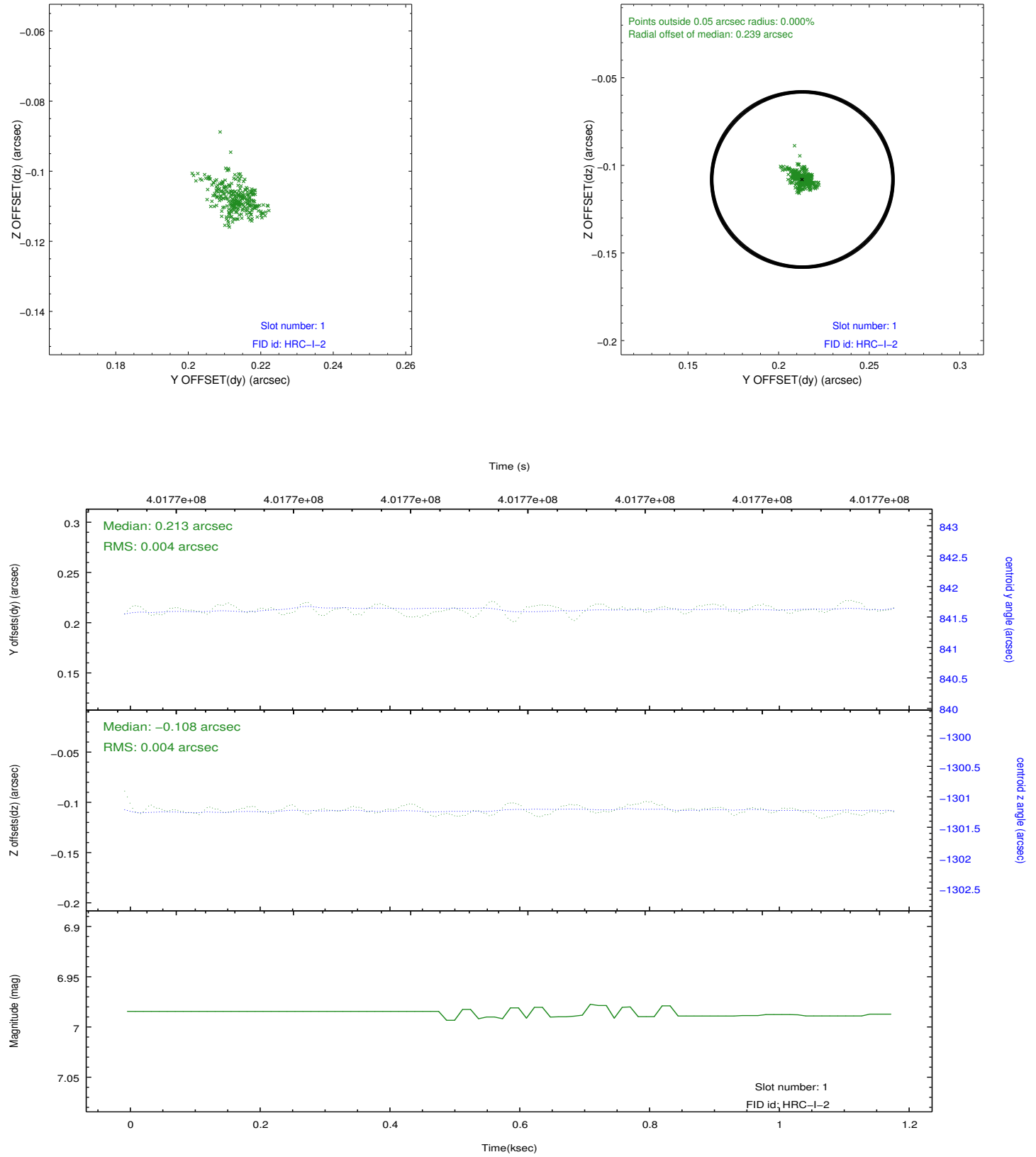


2.5 FID Slots

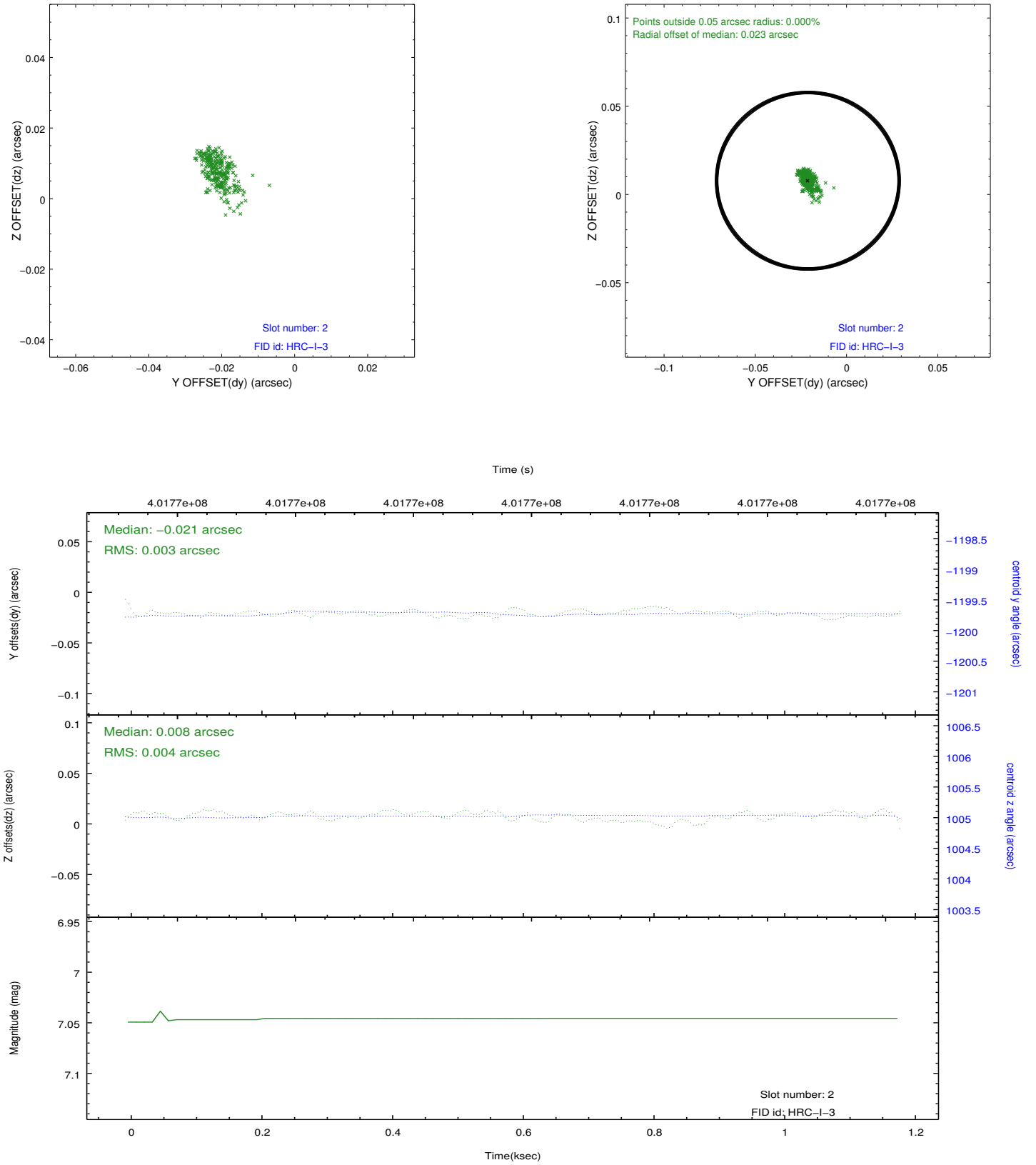
2.5.1 Slot 0



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)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1841313106418

A.2 Comments