

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8335 - L2 Version 3
Chandra X-Ray Center

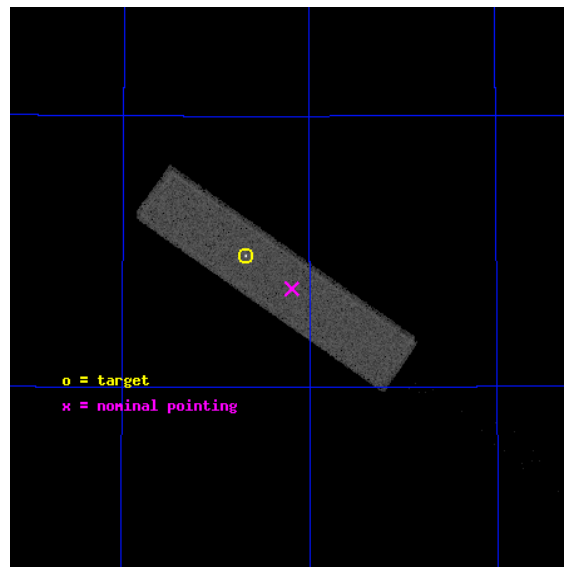
L2 Processing Date : Aug 12 2012

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1 Front

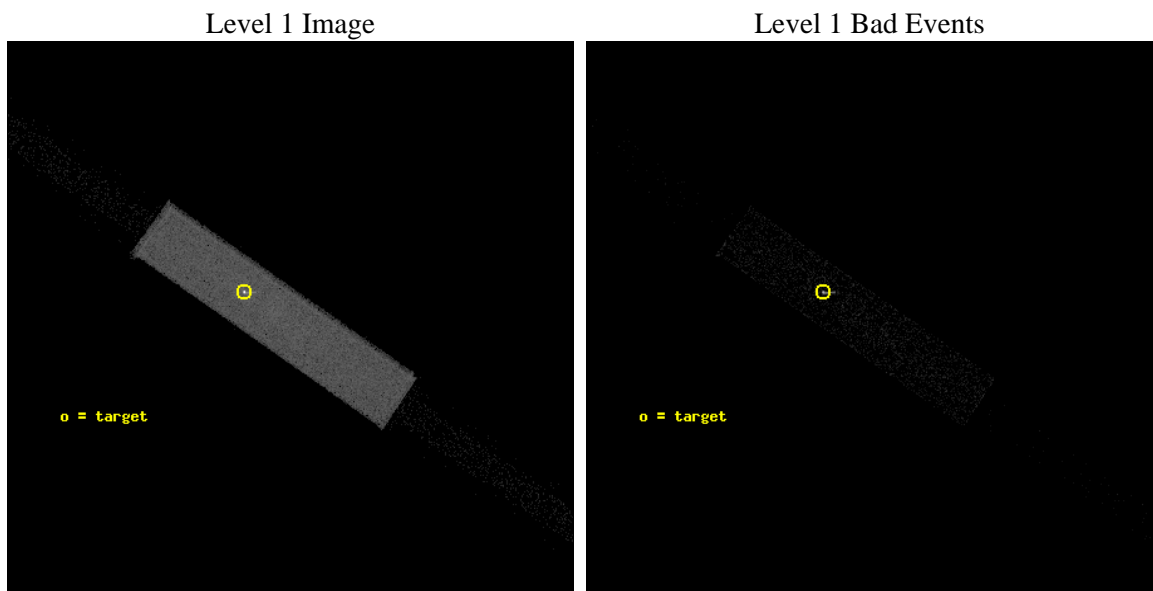
seq_num	290714	Sequence number
obs_id	8335	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.04691446226	Nominal RA [deg]
dec_nom	45.681660774764	Nominal Dec [deg]
roll_nom	214.70885118671	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1153.3813055754	[s]
livetime	1138.5507393529	Ontime multiplied by DTCOR
l2events	75231	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	1153.3813055754	[s]
caldsver	4.5.1.1	 	l1events	121606	Number of level 1 events
date	2012-08-12T04:30:13	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

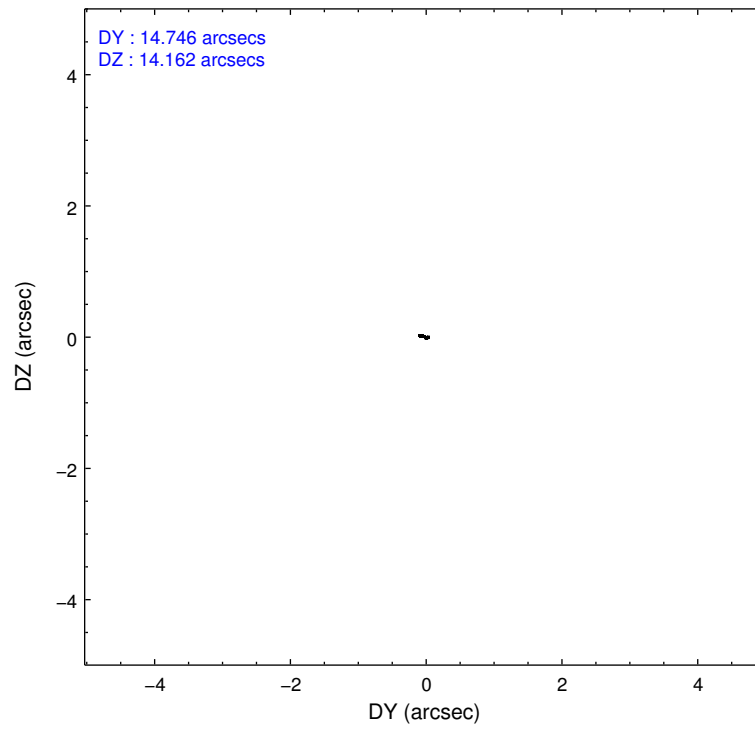
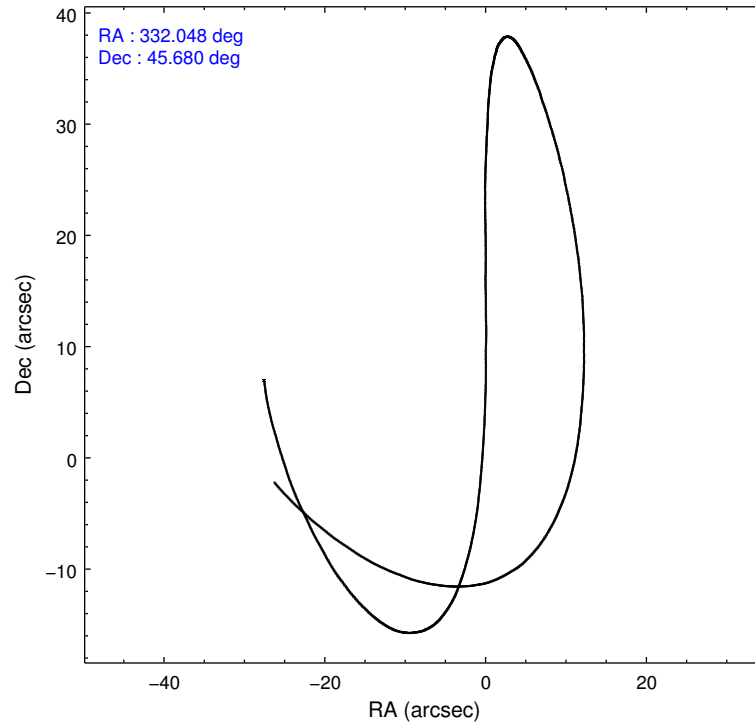
	segment 1	segment 2	segment 3
level 1 events	890	119794	922
rejected events	890	30097	886
rejected %	100%	25%	96%

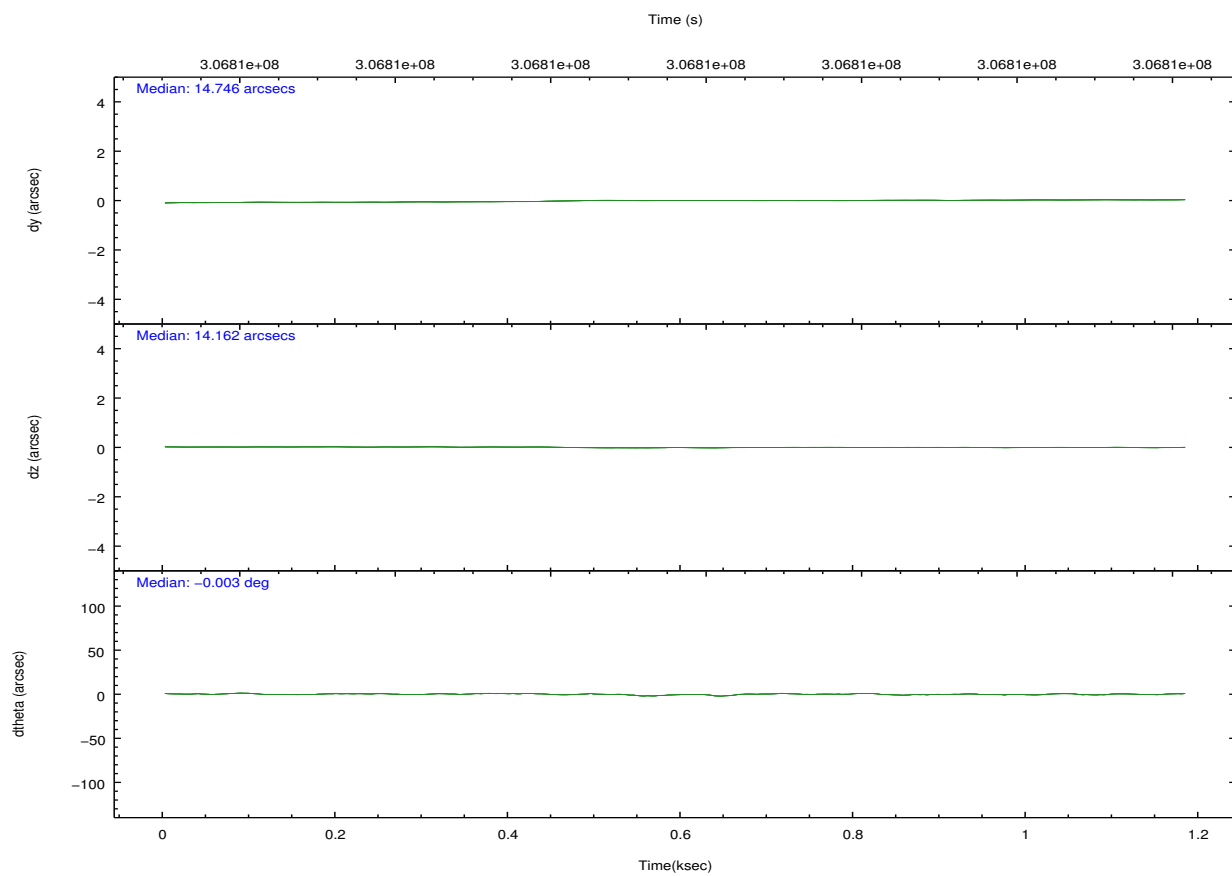
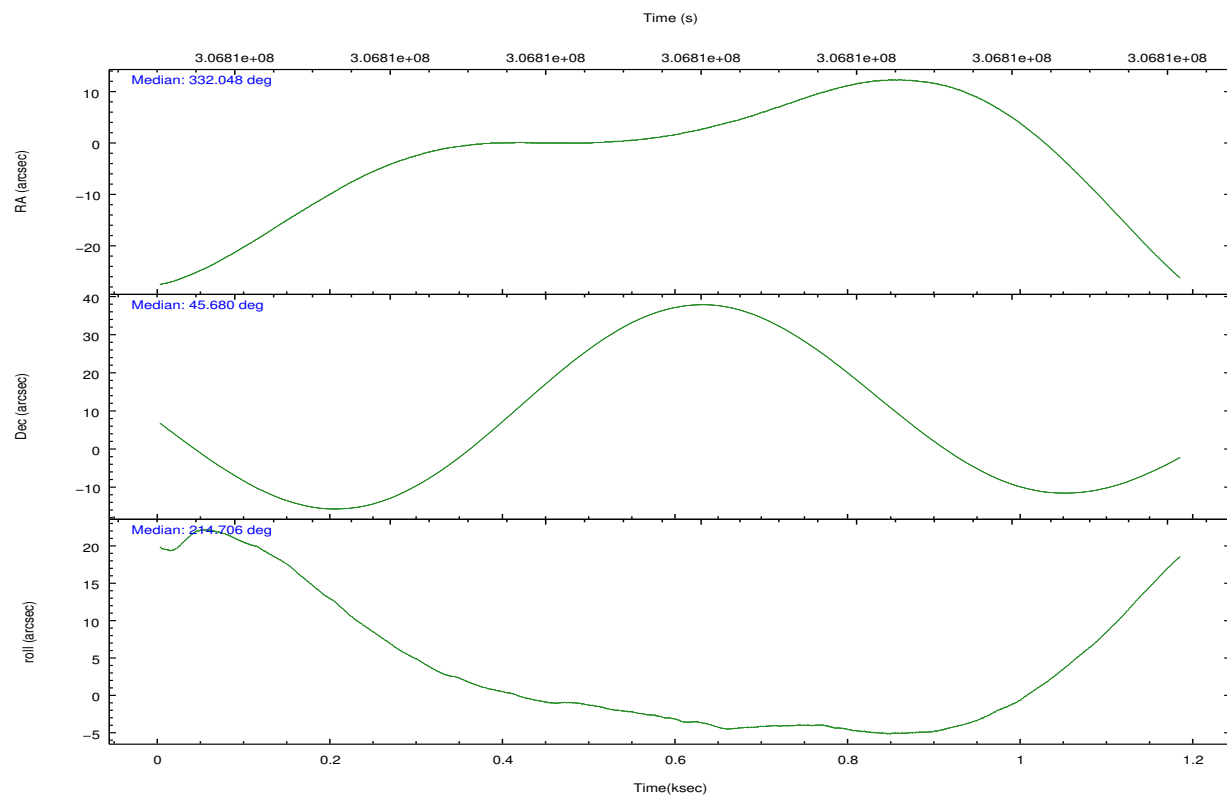
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.062132	332.046914462264
[deg] Pointing Dec	45.709403	45.68166077476381
[deg] Pointing Roll	214.630594	214.7088511867129
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	306807353.184000	306806977.25662
Observation start date	2007-09-22T00:14:48	2007-09-22T00:09:37
[s] Observation end time (MET)	306808353.184000	306808488.10669
Observation end date	2007-09-22T00:31:28	2007-09-22T00:34:48

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

2.3 Aspect



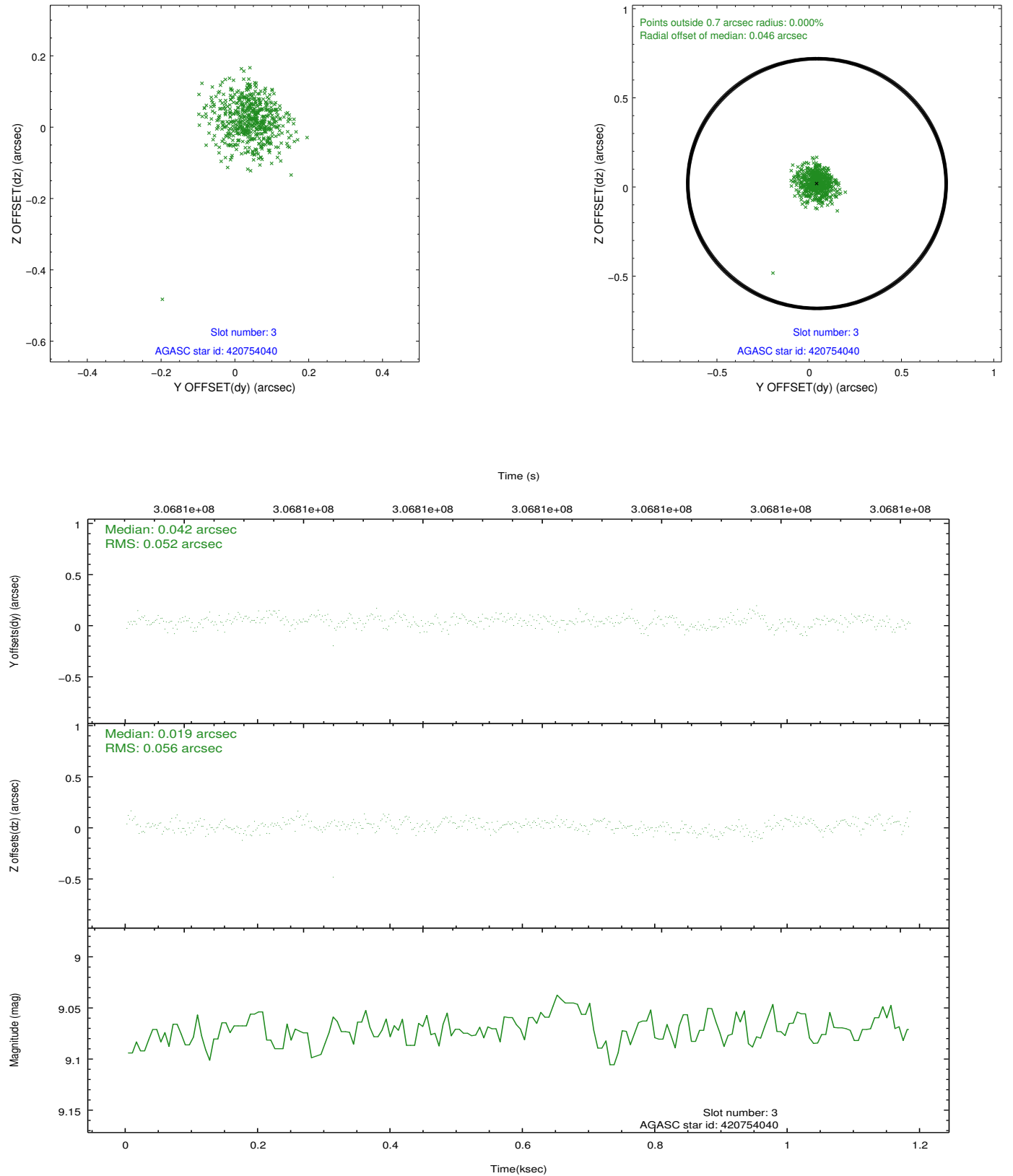


Slot Statistics

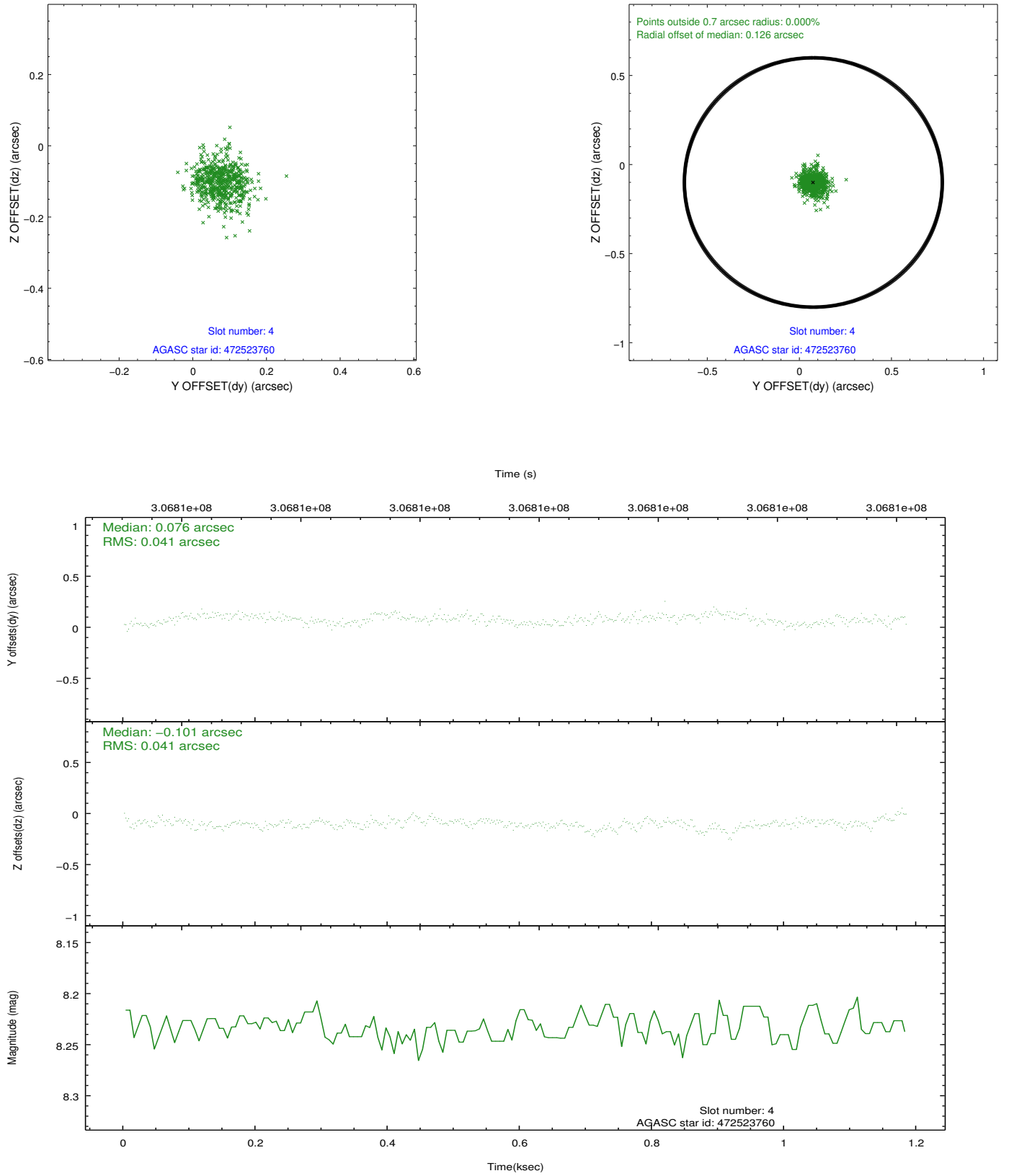
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.07	289	0.098	-0.222	0.006	0.010	0.000000	0.000000	-1169.10	-463.04
1	FID	HRC-S-2	7.05	289	0.165	-0.102	0.005	0.010	0.000000	0.000000	1226.58	-457.18
2	FID	HRC-S-3	7.06	289	0.126	0.021	0.006	0.009	0.000000	0.000000	-1167.54	565.14
3	GUIDE	420754040	9.07	577	0.042	0.019	0.079	0.128	331.917939	44.882543	1992.06	2236.39
4	GUIDE	472523760	8.23	578	0.076	-0.101	0.062	0.103	331.645363	45.403260	1493.96	305.70
5	GUIDE	472525528	6.63	578	-0.230	0.008	0.085	0.129	331.551102	45.248694	2007.08	621.81
6	GUIDE	472533912	9.15	578	0.048	0.143	0.120	0.199	331.791136	46.368695	-793.19	-2339.33
7	GUIDE	472655152	9.43	577	0.059	-0.065	0.101	0.167	332.504239	45.862991	-1230.42	164.26

2.4 Star Slots

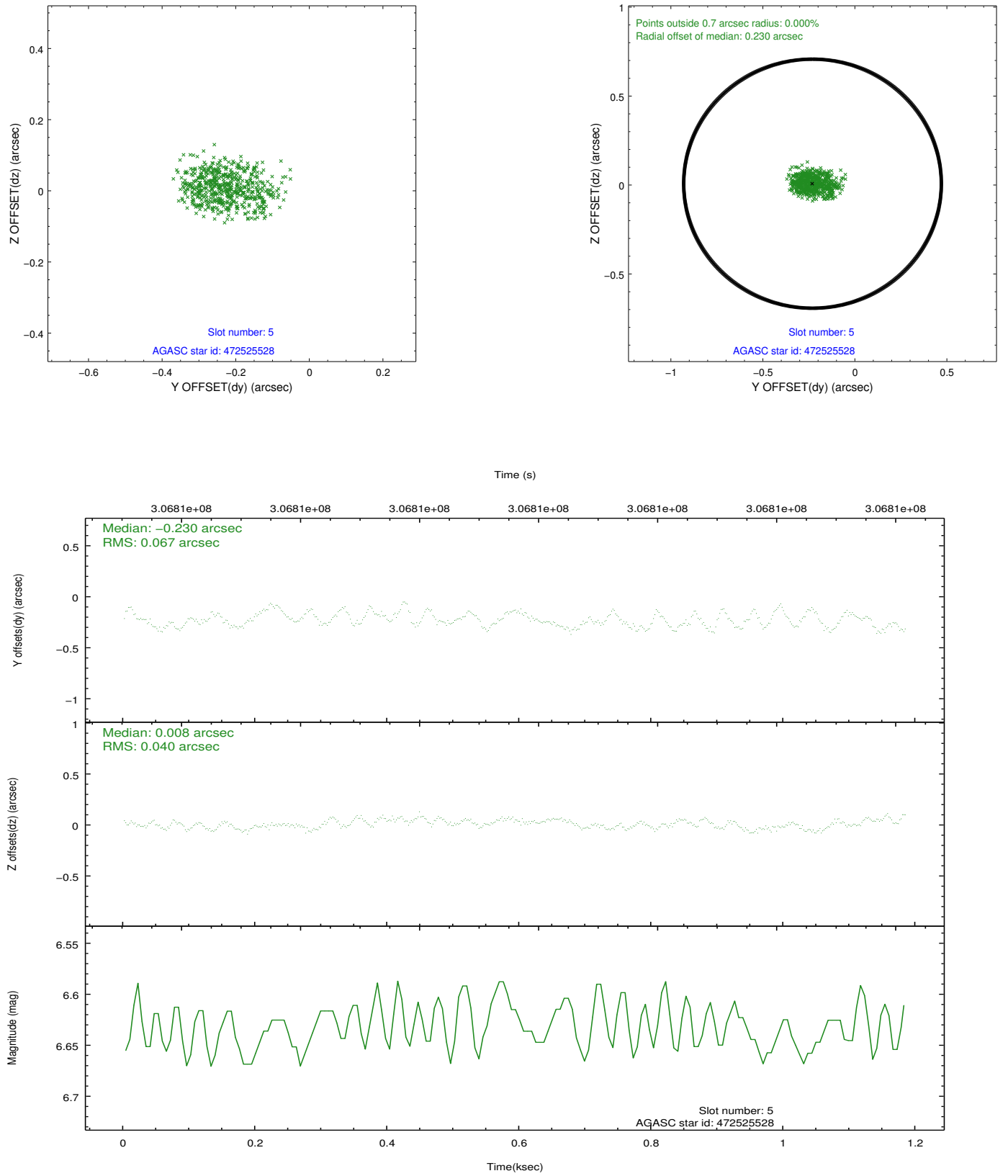
2.4.1 Slot 3



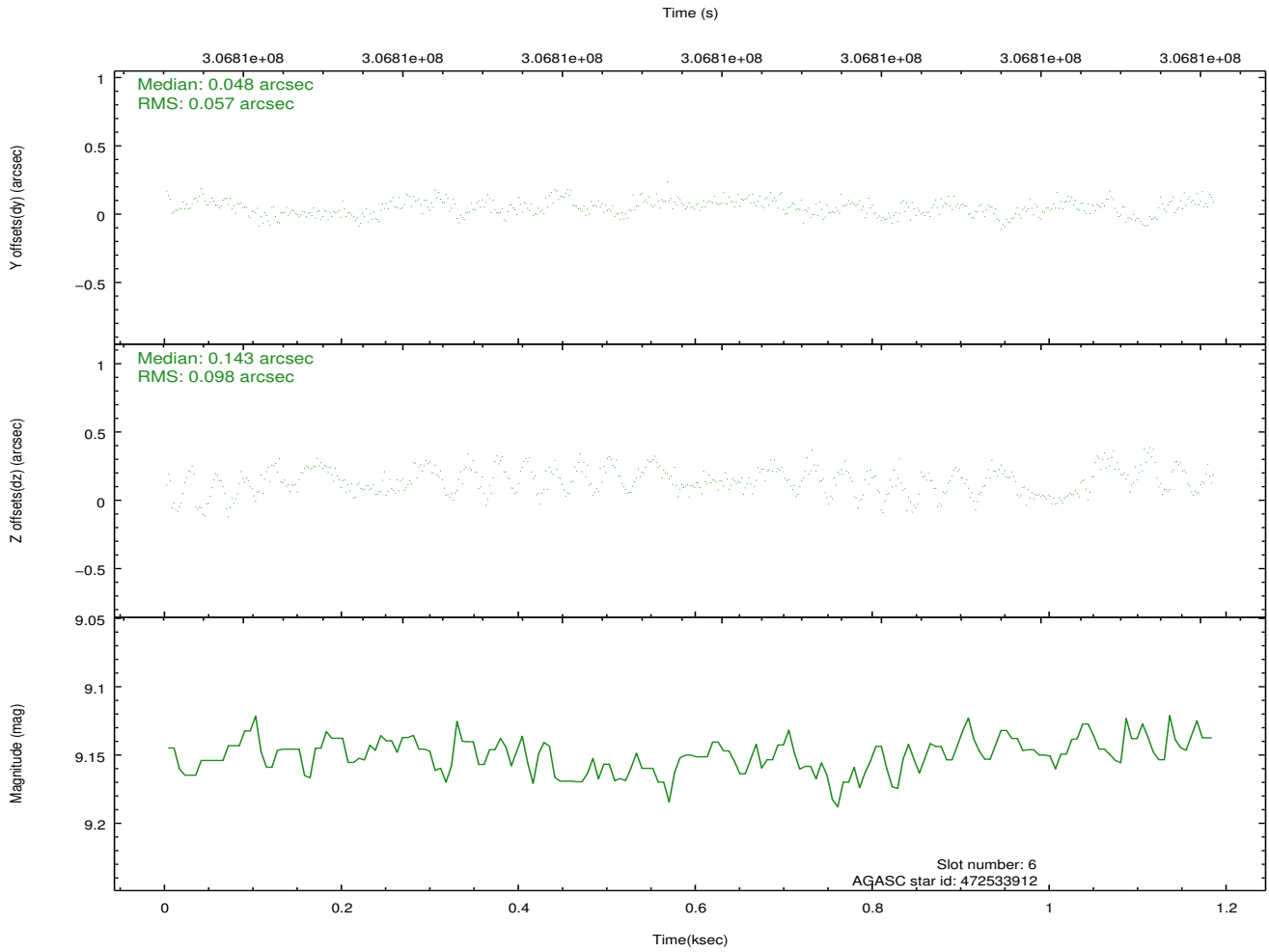
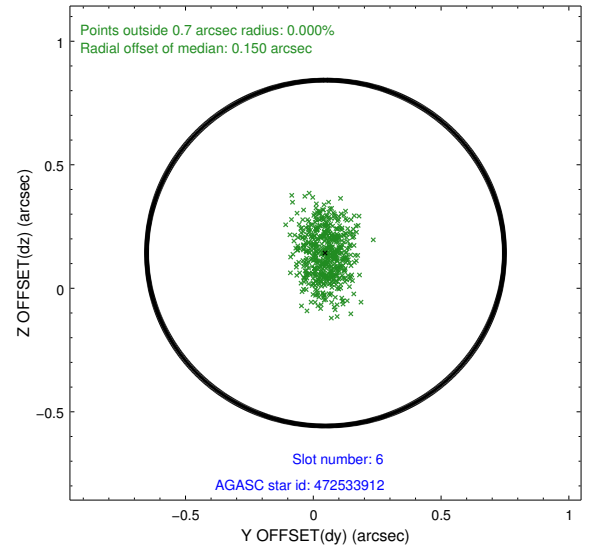
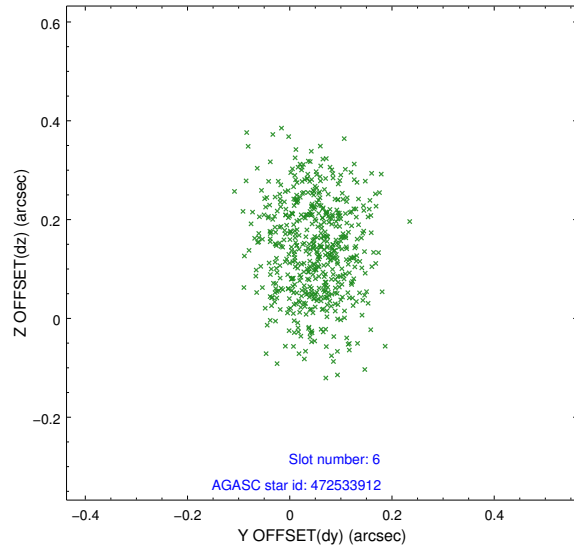
2.4.2 Slot 4



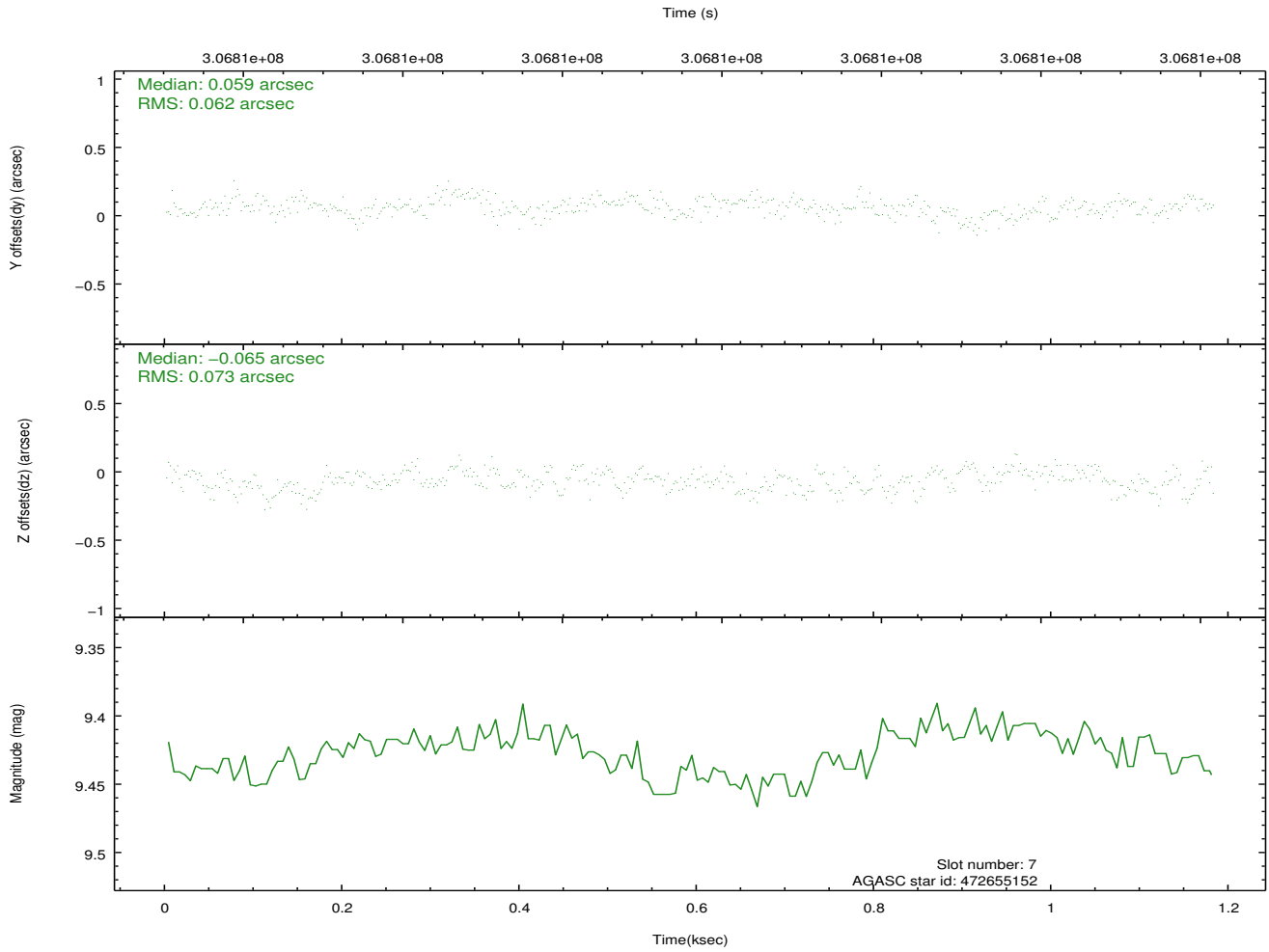
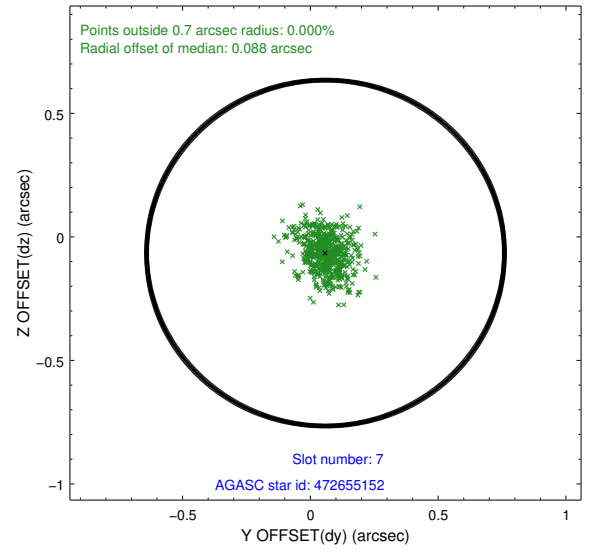
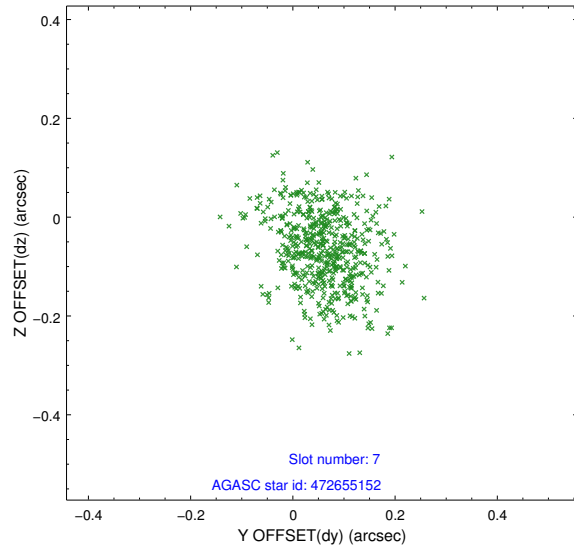
2.4.3 Slot 5



2.4.4 Slot 6

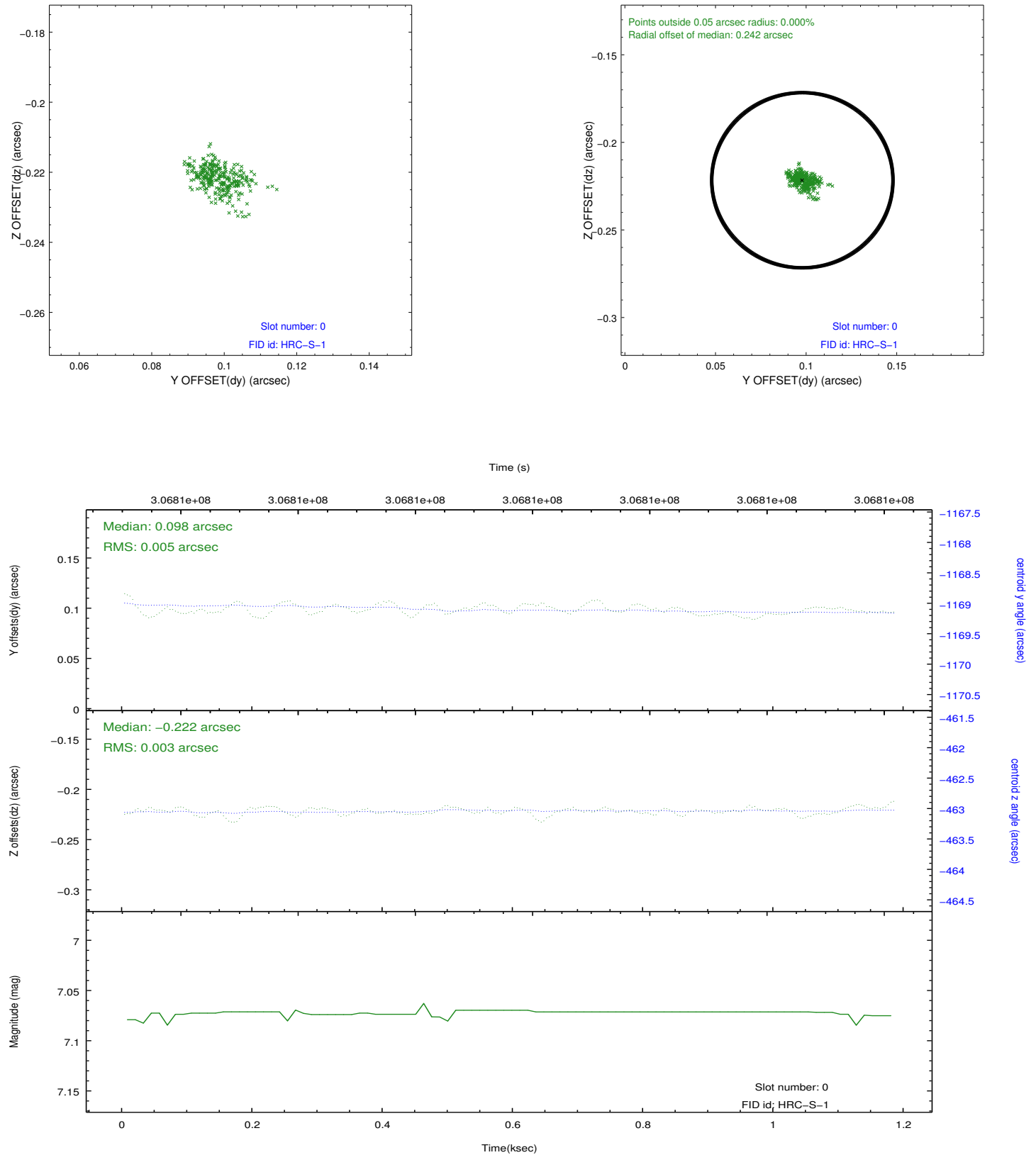


2.4.5 Slot 7

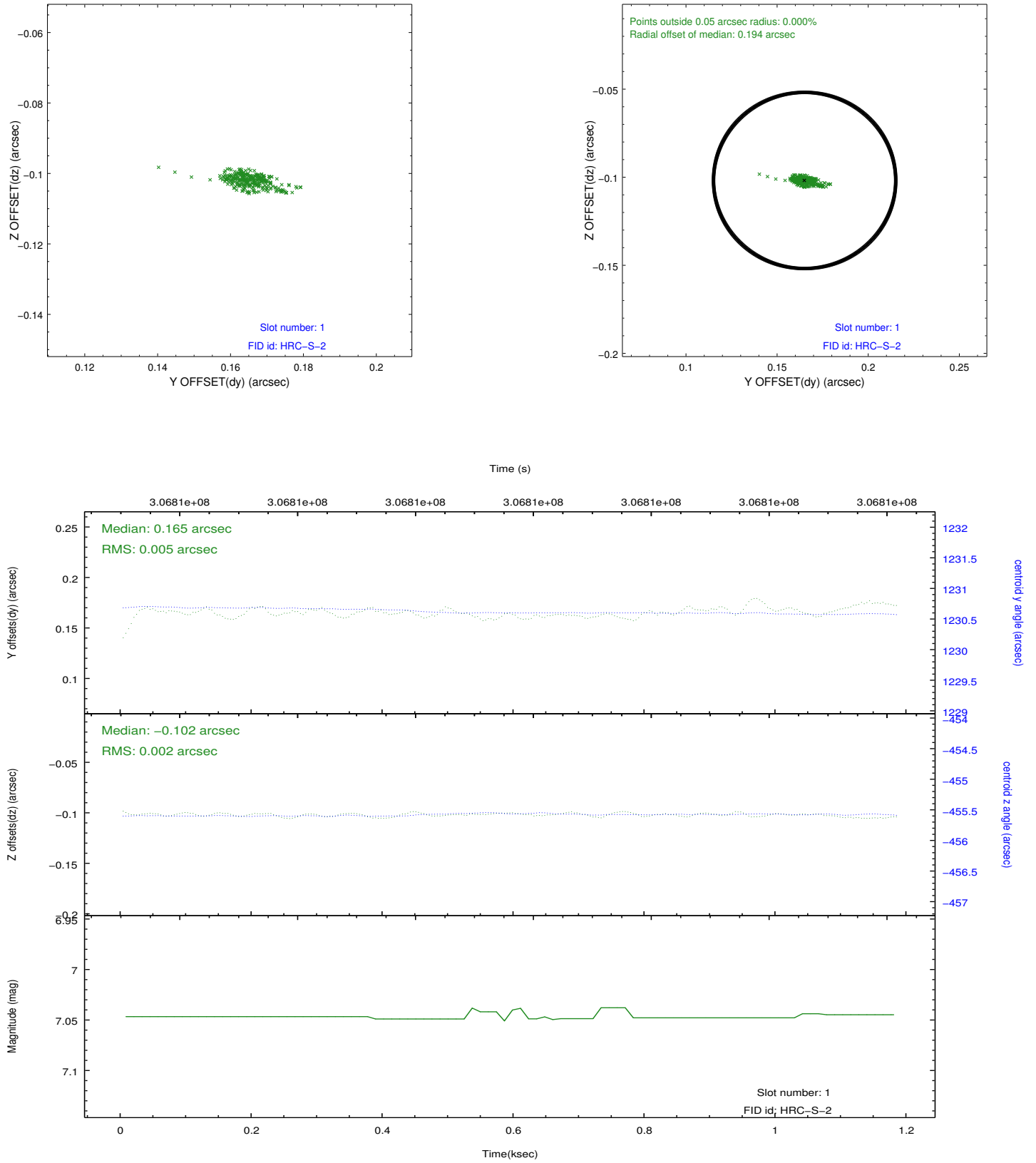


2.5 FID Slots

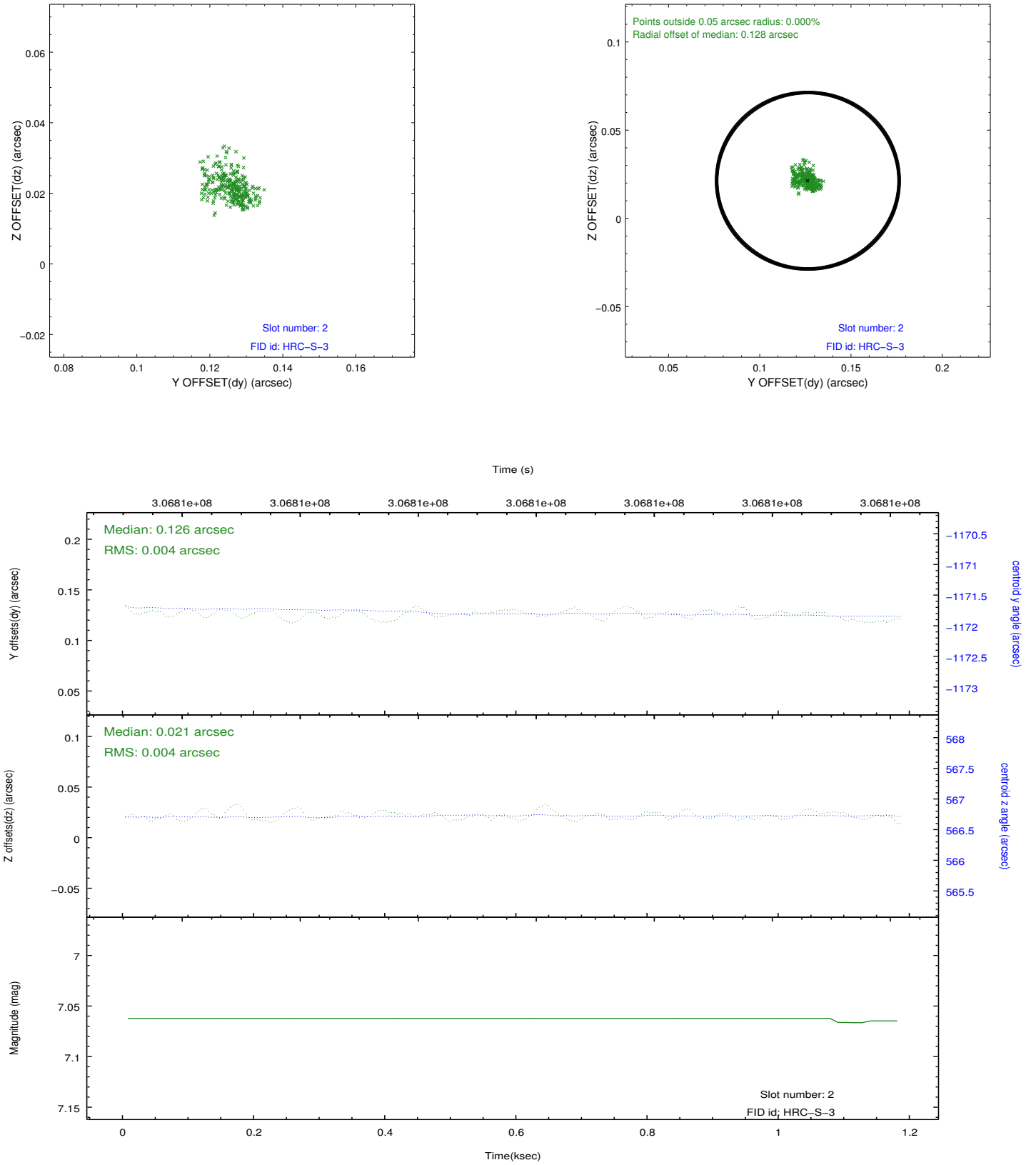
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1533813

A.2 Comments