

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 247 - L2 Version 6
Chandra X-Ray Center

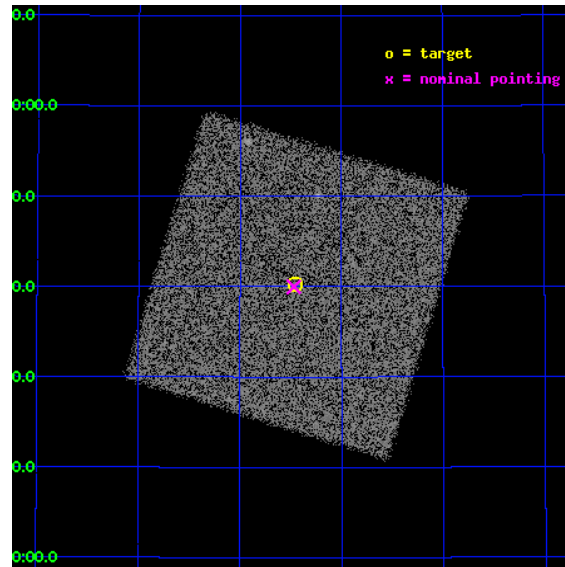
L2 Processing Date : Aug 24 2012

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1 Front

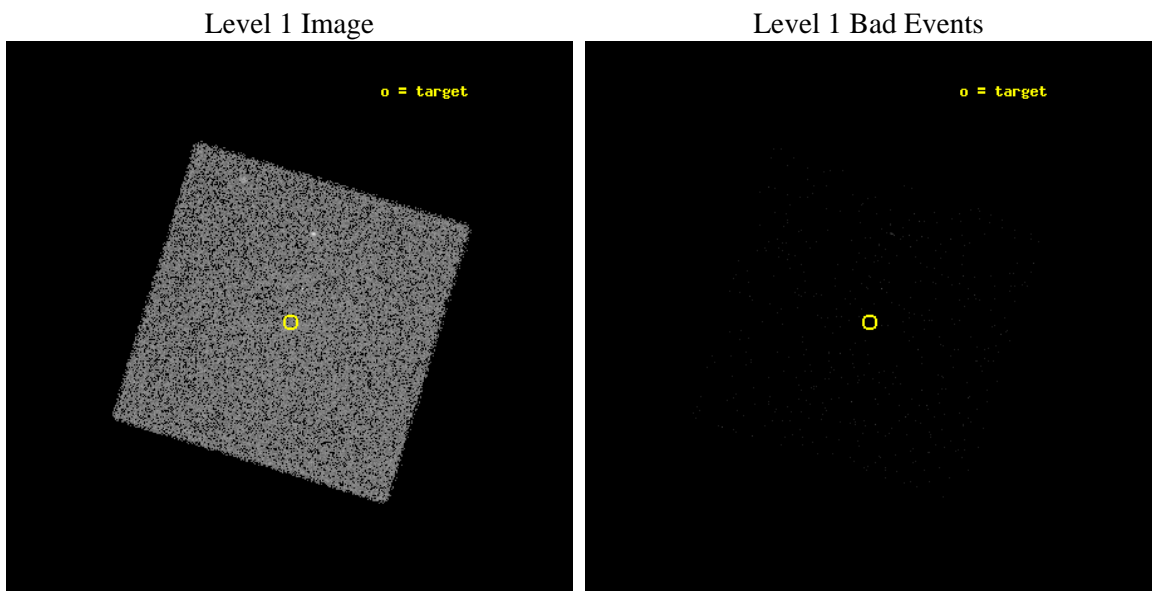
seq_num	600007	Sequence number
obs_id	247	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - South 2	Source name
ra_targ	10.1125	Observer's specified target RA [deg]
dec_targ	40.67	Observer's specified target Dec [deg]
ra_nom	10.117121309828	Nominal RA [deg]
dec_nom	40.666420042149	Nominal Dec [deg]
roll_nom	332.09432440783	Nominal Roll [deg]
revision	6	Processing version of data
ontime	2163.0063290149	[s]
livetime	2151.2425530772	Ontime multiplied by DTCOR
l2events	55554	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	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2163.0063290149	[s]
caldbver	4.5.1.1	 	l1events	125129	Number of level 1 events
date	2012-08-24T04:29:36	Date and time of file creation			
revision	6	Processing version of data			

2.1.3 Events

Level 1 Events

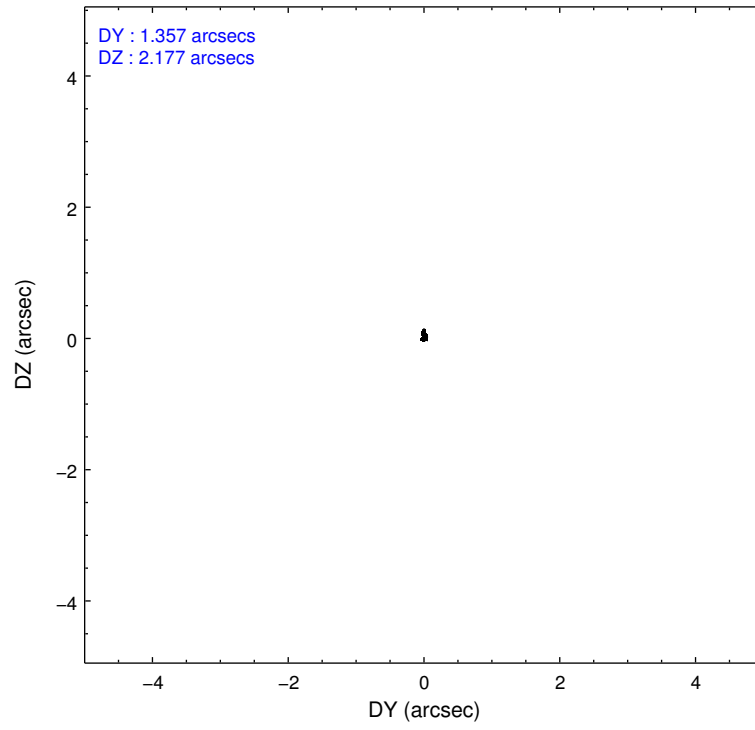
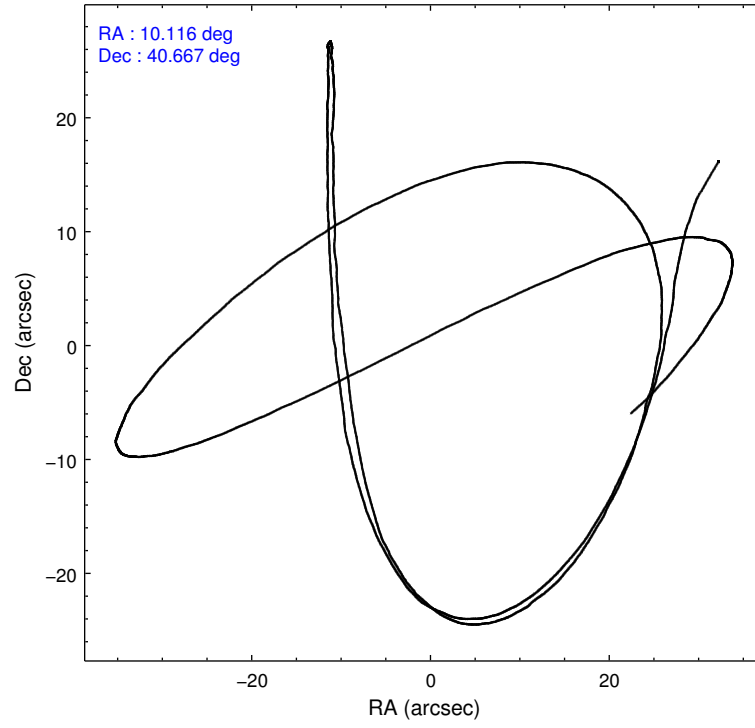
	segment 0
level 1 events	125129
rejected events	39476
rejected %	31%

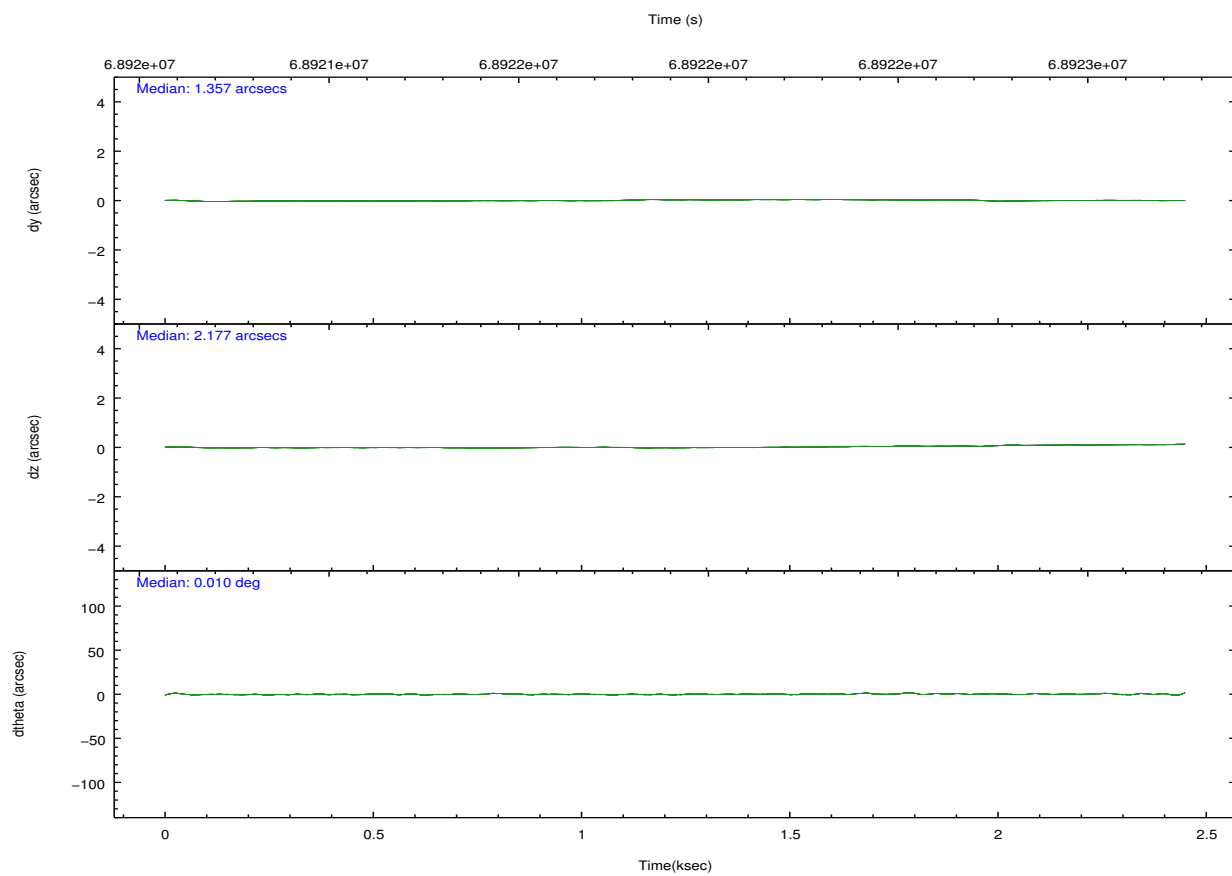
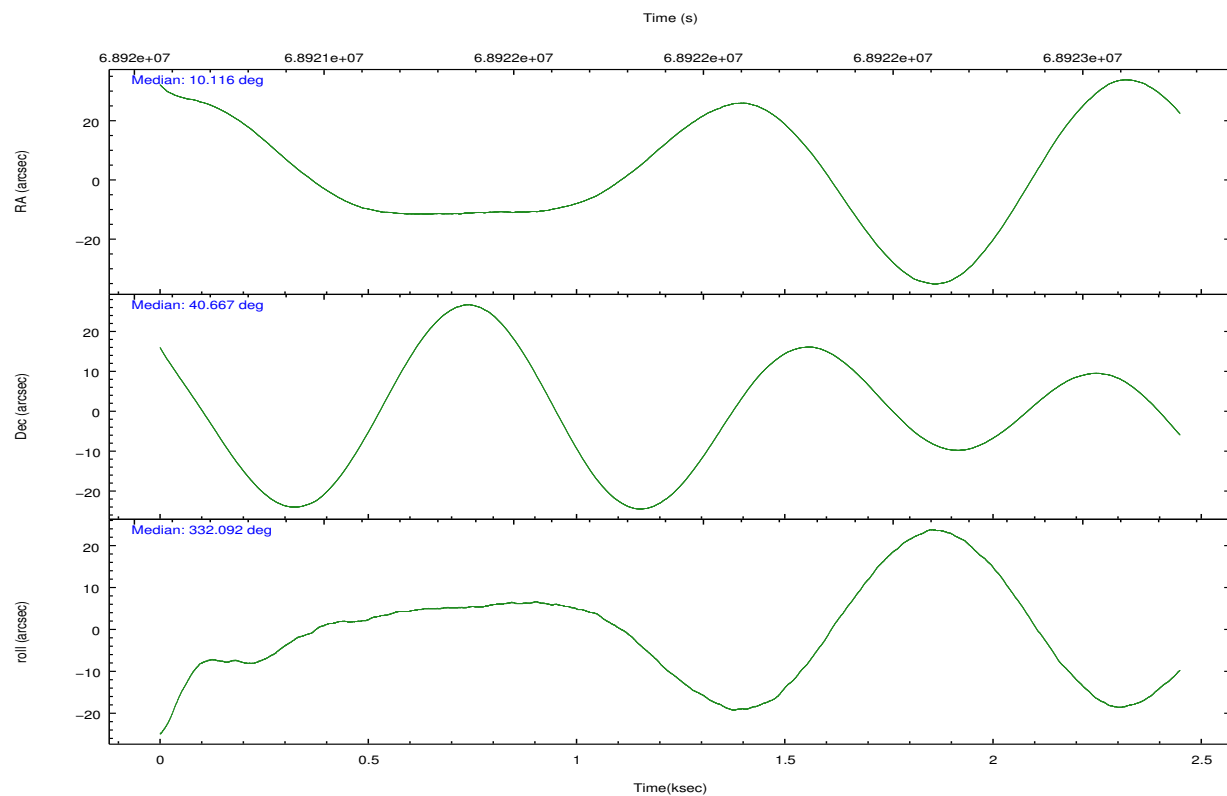
2.2 Compared Parameters

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	10.080323	10.11712130982793
[deg] Pointing Dec	40.665152	40.66642004214945
[deg] Pointing Roll	332.213890	332.0943244078256
[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)	68921138.184000	68919931.702163
Observation start date	2000-03-08T16:44:34	2000-03-08T16:25:31
[s] Observation end time (MET)	68923138.184000	68923272.177285
Observation end date	2000-03-08T17:17:54	2000-03-08T17:21:12

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

2.3 Aspect



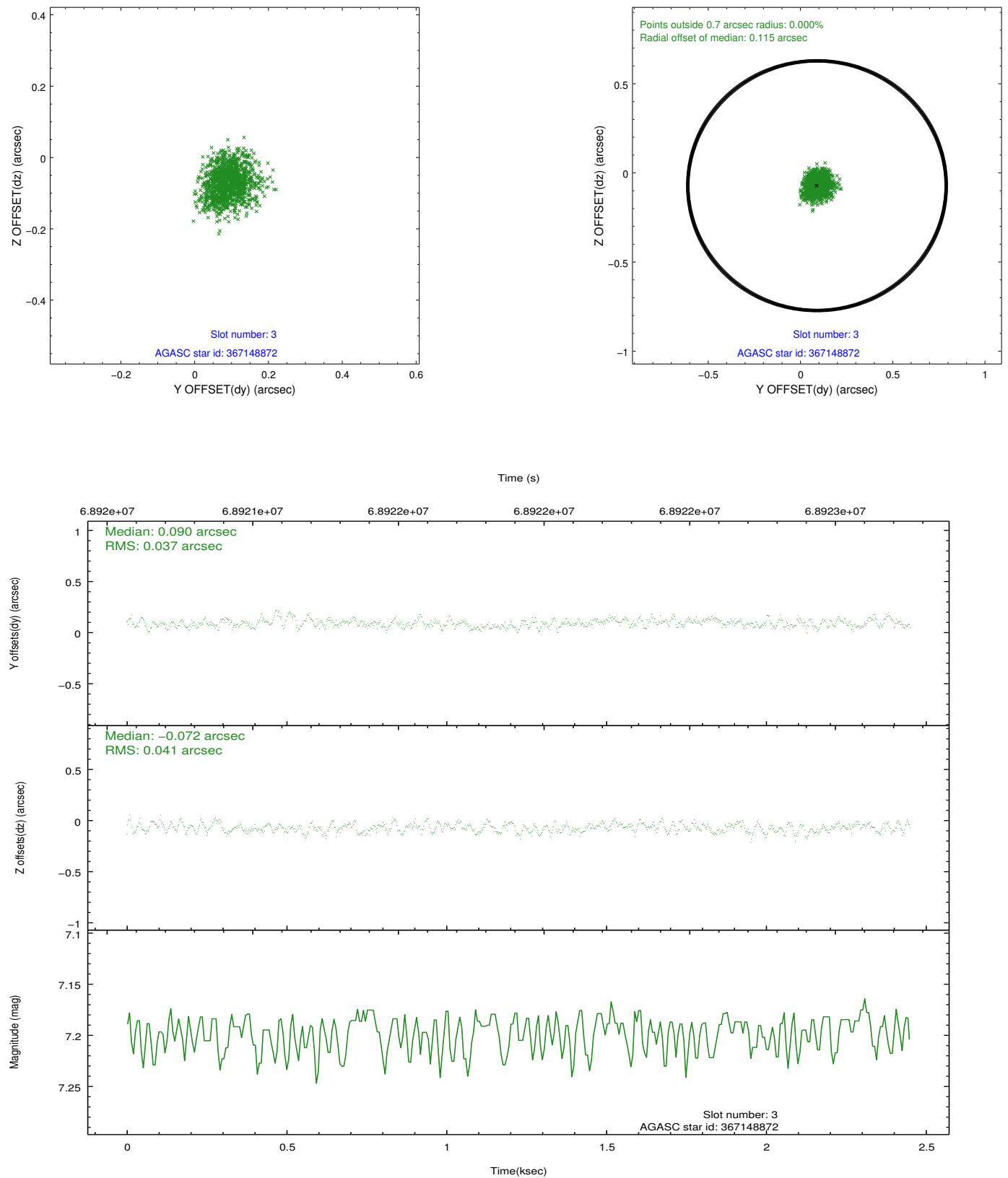


Slot Statistics

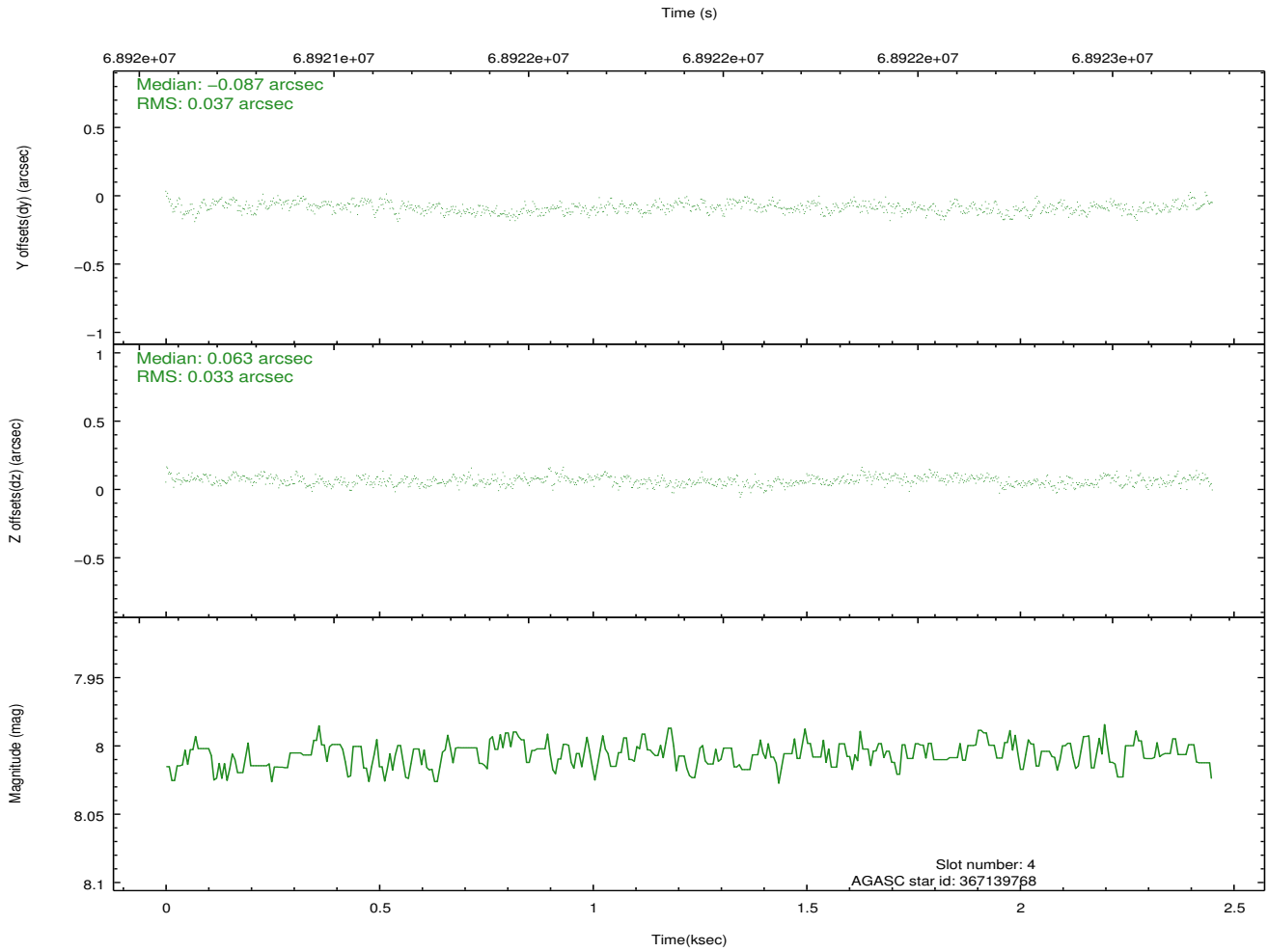
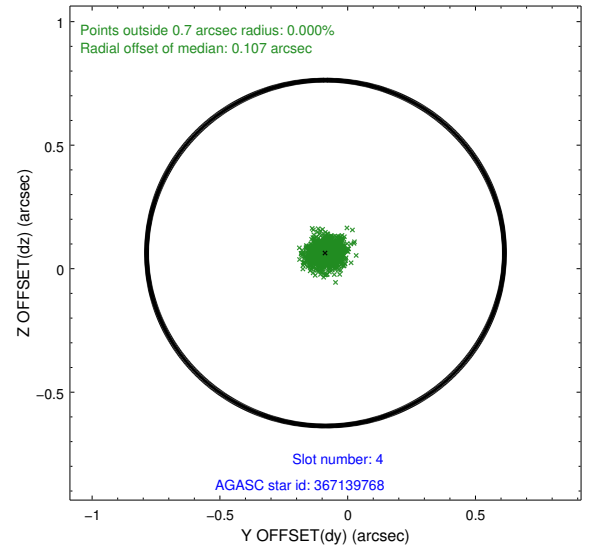
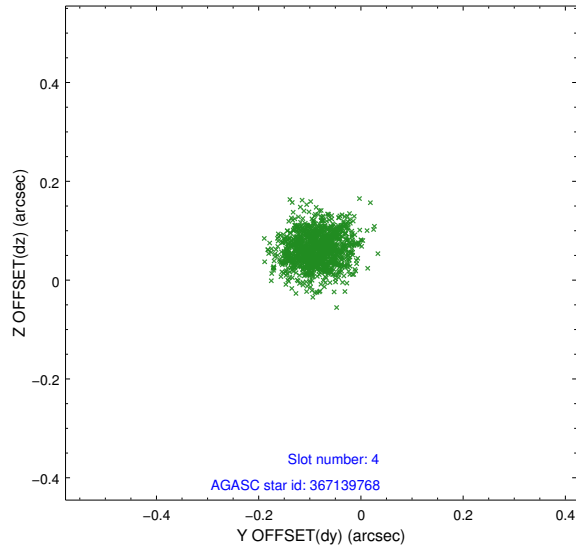
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.94	598	0.056	-0.013	0.006	0.011	0.000000	0.000000	-756.76	-1289.96
1	FID	HRC-I-3	7.03	598	0.036	-0.025	0.007	0.011	0.000000	0.000000	-1186.49	1012.45
2	FID	HRC-I-4	6.97	598	0.023	-0.050	0.005	0.009	0.000000	0.000000	1284.05	1013.83
3	GUIDE	367148872	7.20	1196	0.090	-0.072	0.060	0.095	10.505940	40.688258	986.54	616.44
4	GUIDE	367139768	8.01	1196	-0.087	0.063	0.053	0.085	11.069715	40.685175	2348.17	1335.82
5	GUIDE	365439720	8.47	1196	-0.056	-0.074	0.070	0.111	9.704623	40.431022	-518.25	-1223.88
6	GUIDE	365442912	9.59	1196	-0.031	0.041	0.087	0.136	9.345394	40.727461	-1884.01	-731.12
7	GUIDE	365441752	9.92	1195	0.079	0.047	0.101	0.163	9.751317	40.671127	-808.33	-400.09

2.4 Star Slots

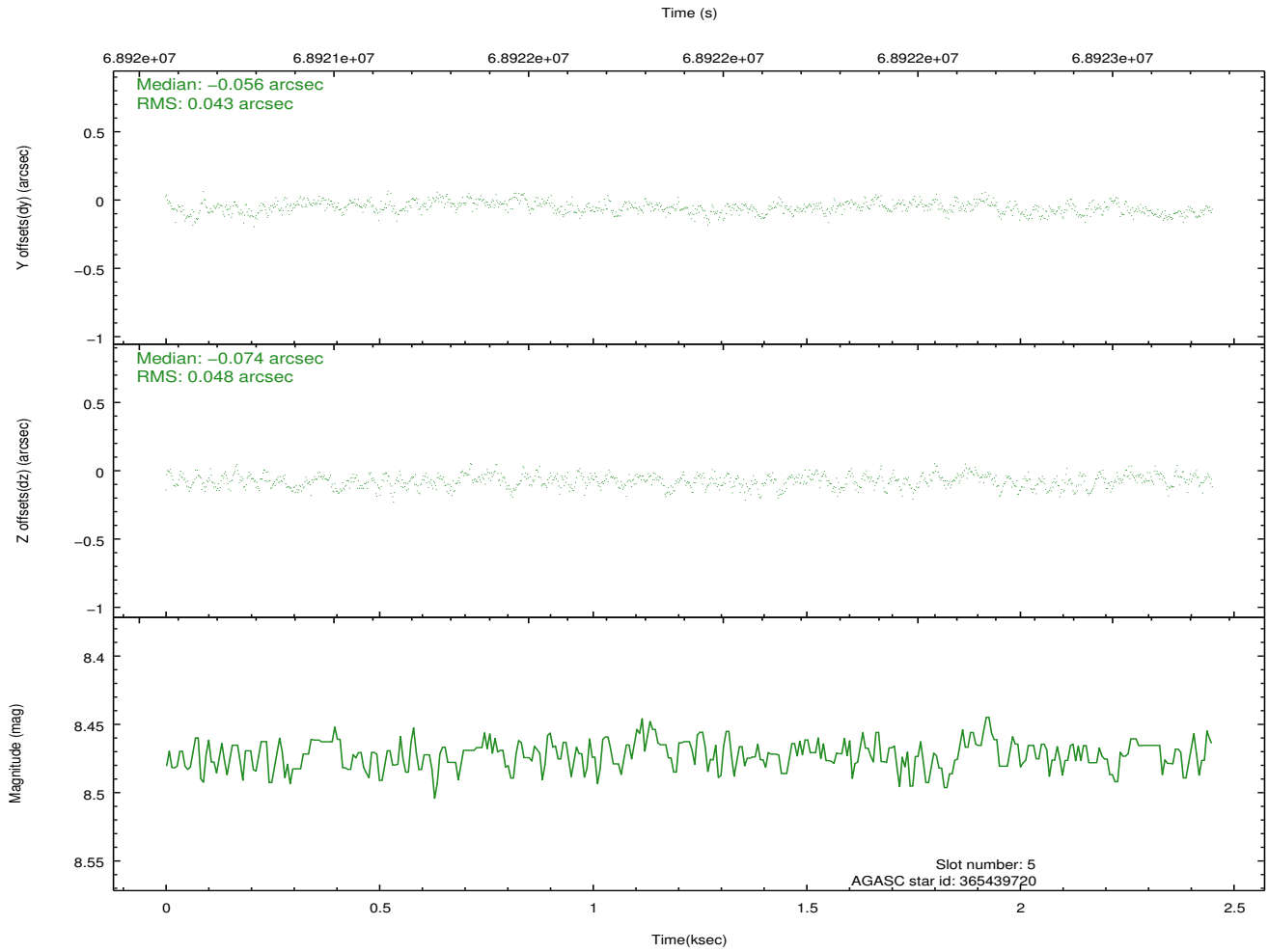
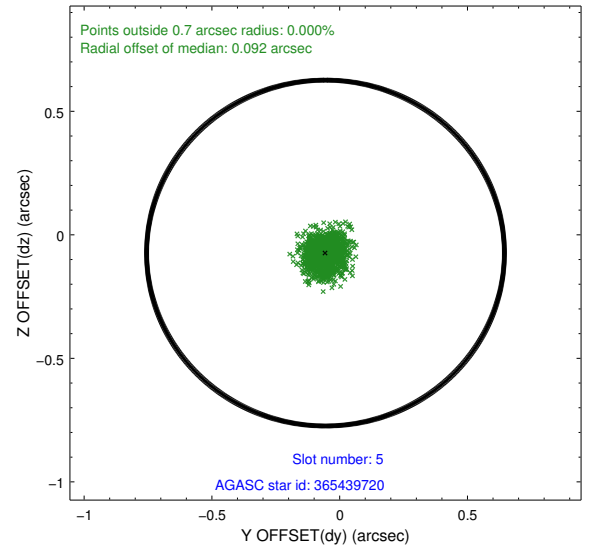
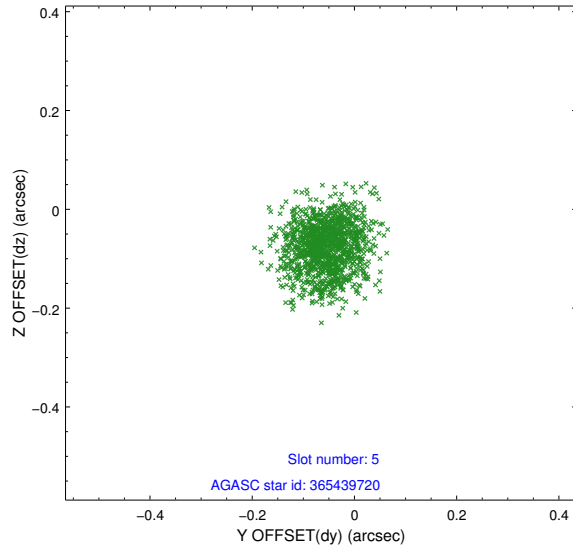
2.4.1 Slot 3



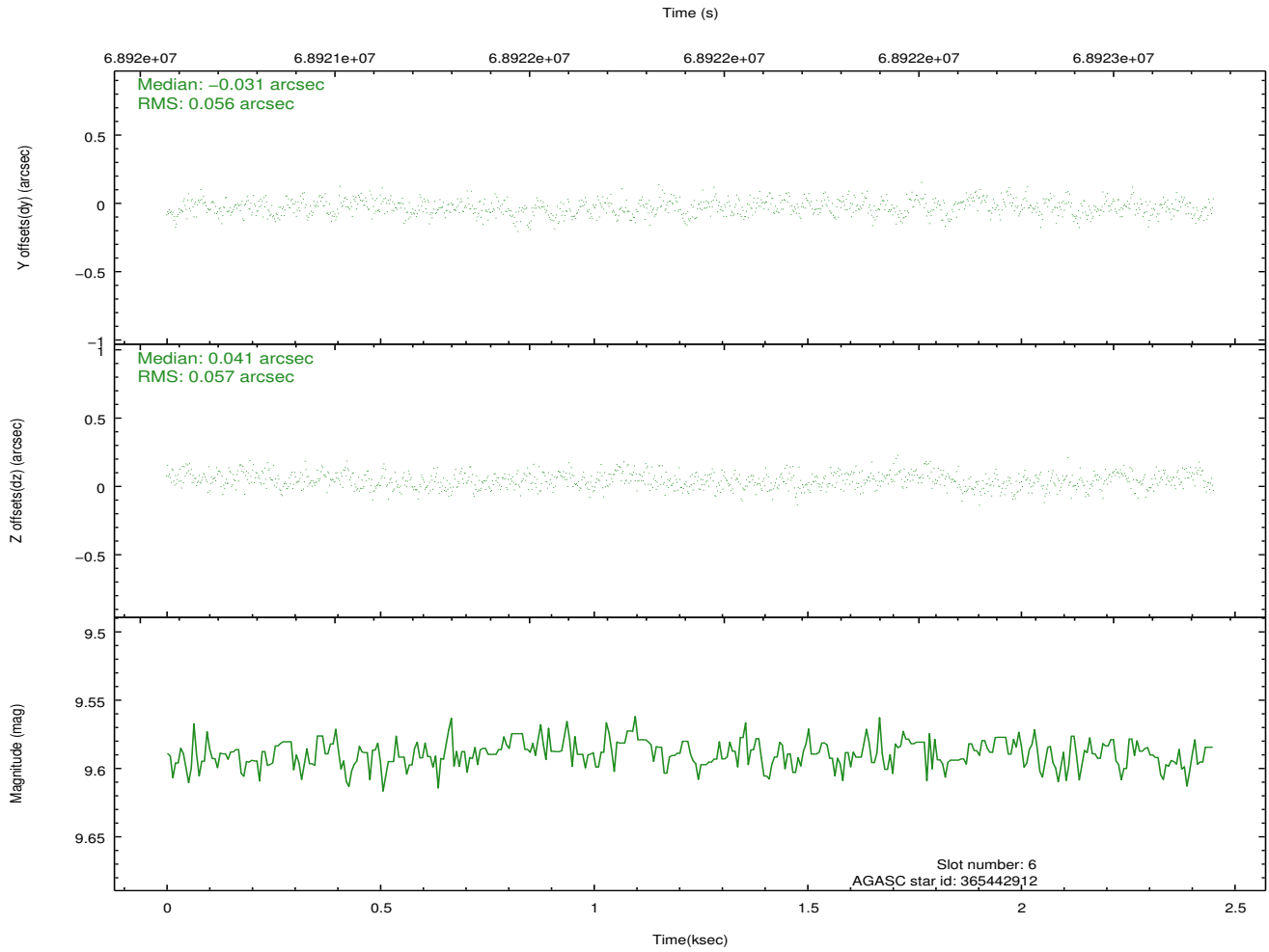
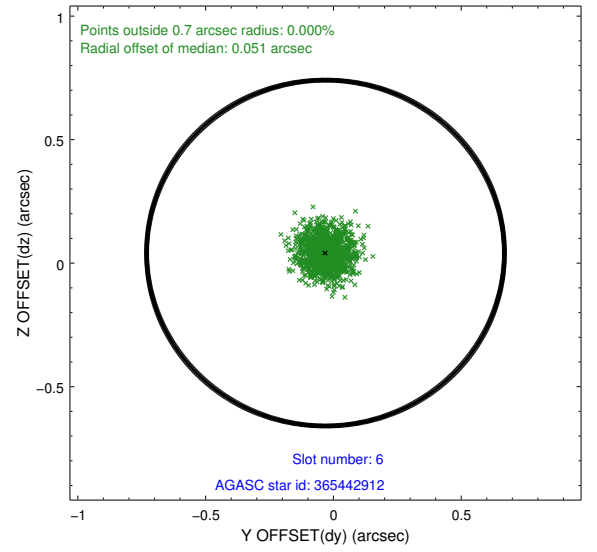
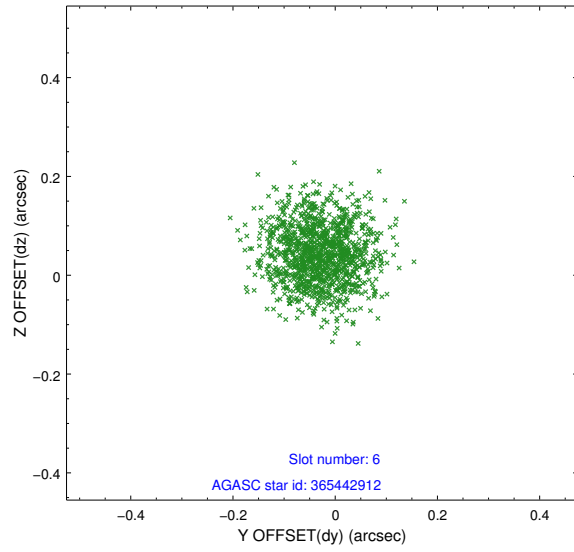
2.4.2 Slot 4



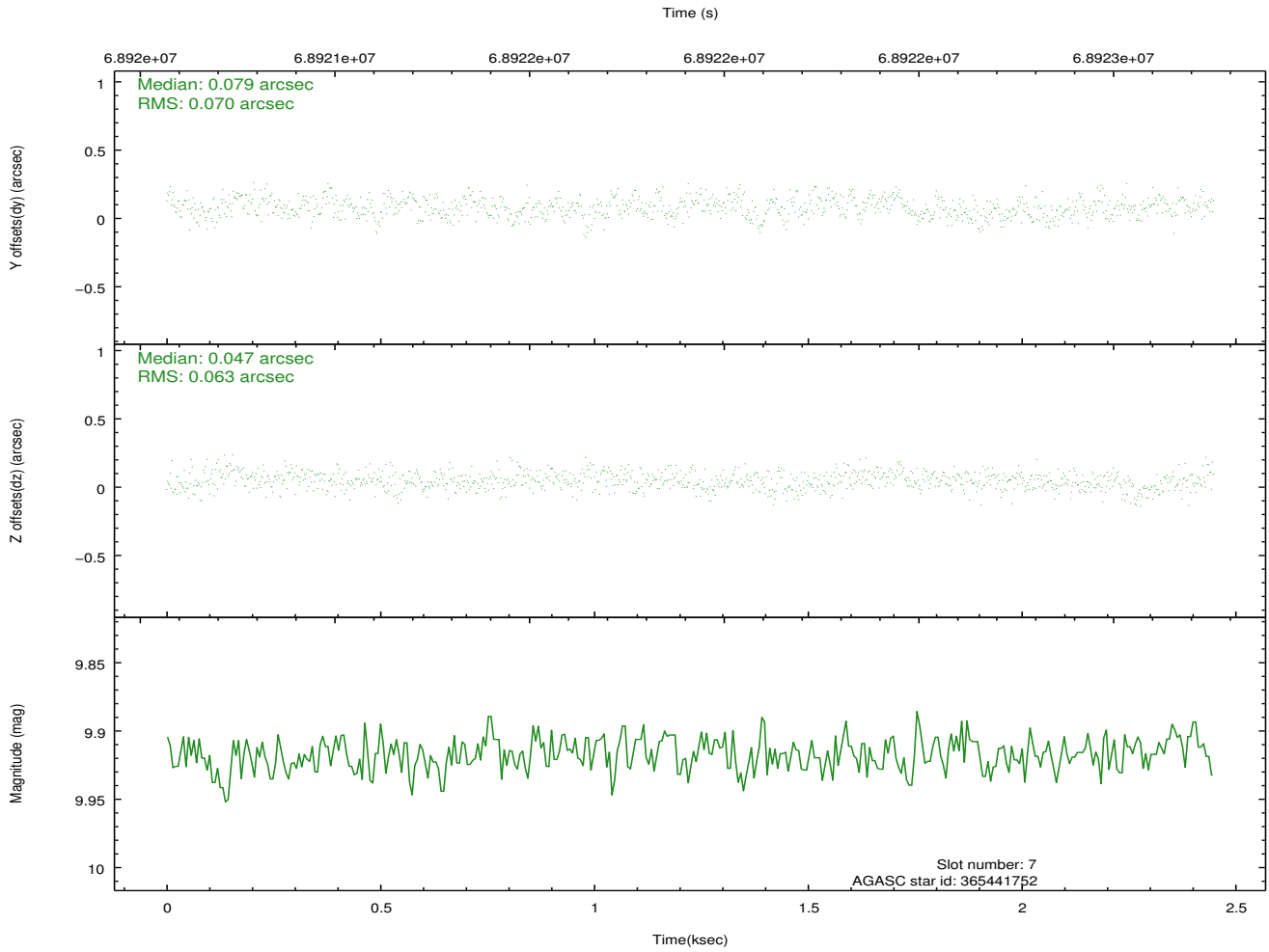
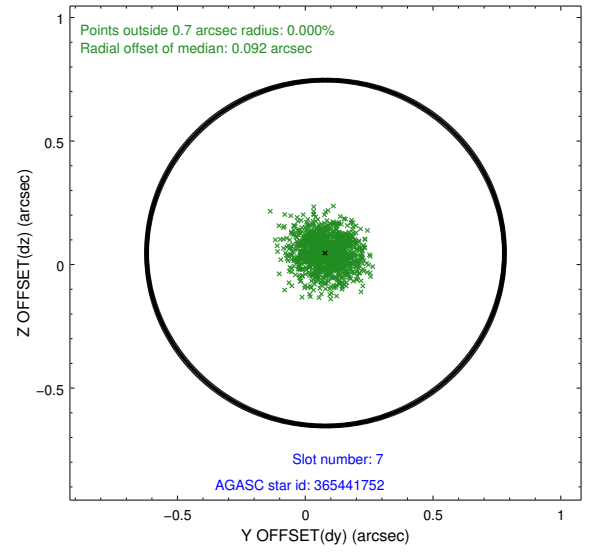
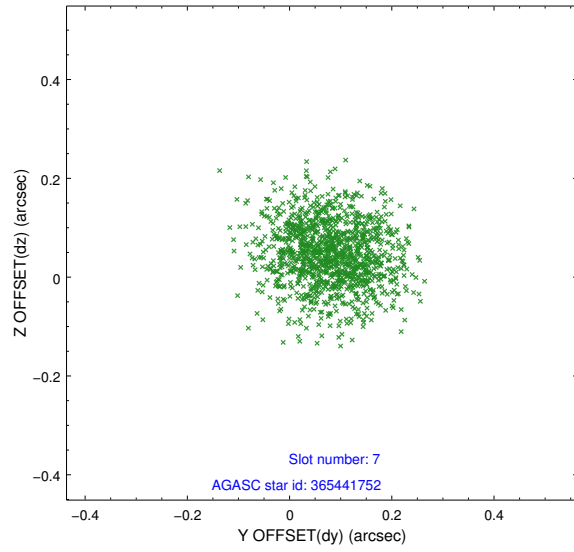
2.4.3 Slot 5



2.4.4 Slot 6

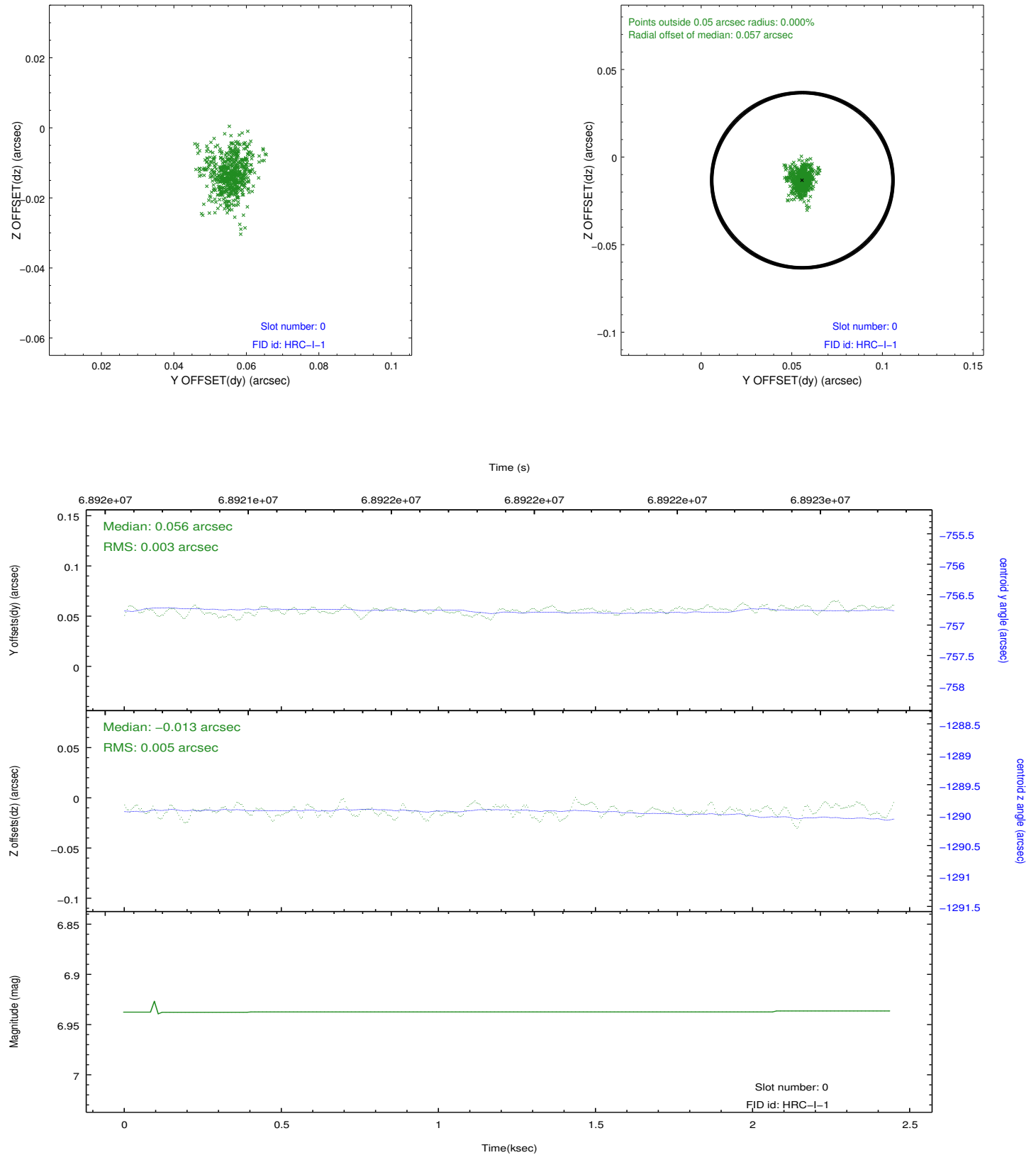


2.4.5 Slot 7

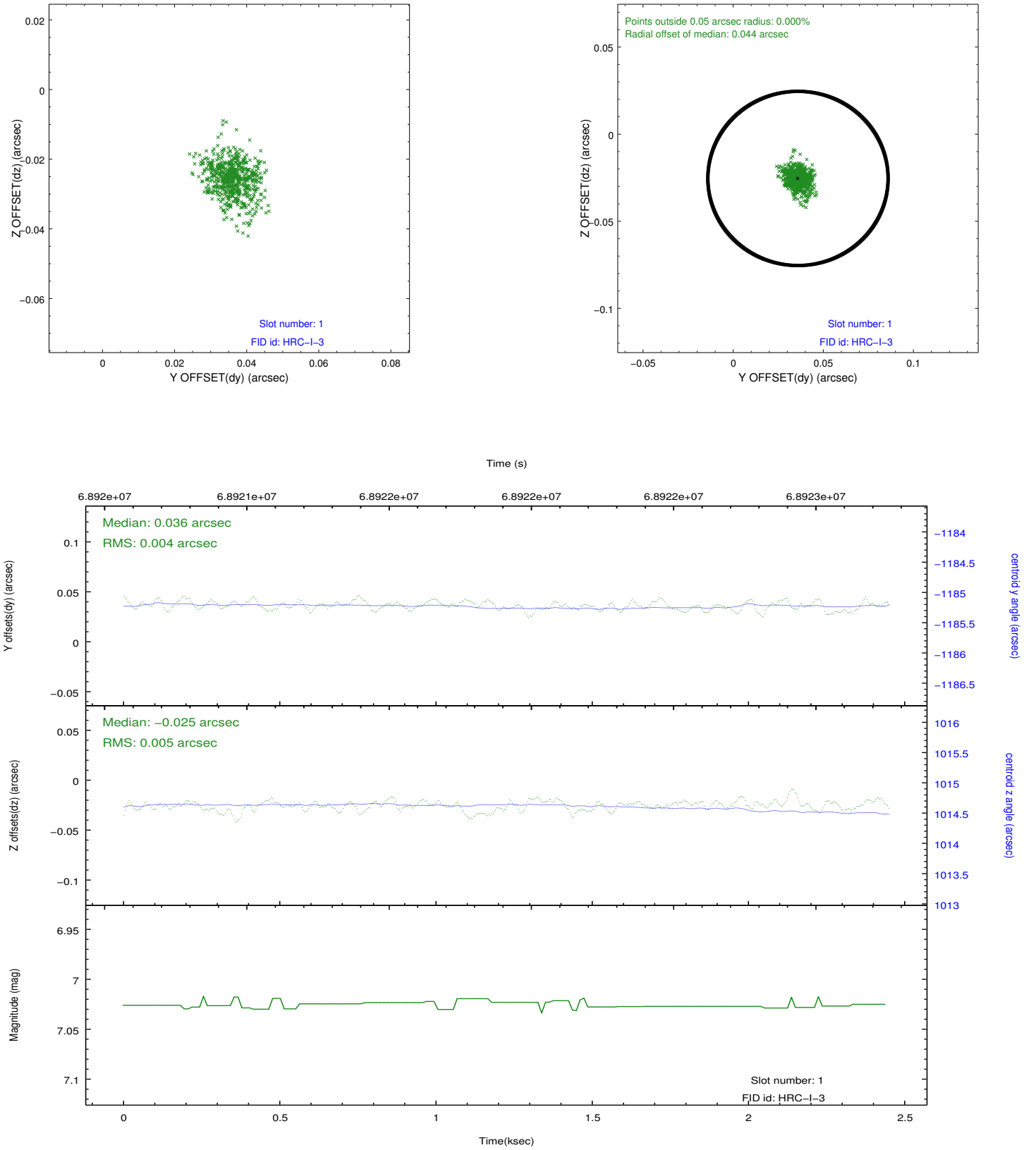


2.5 FID Slots

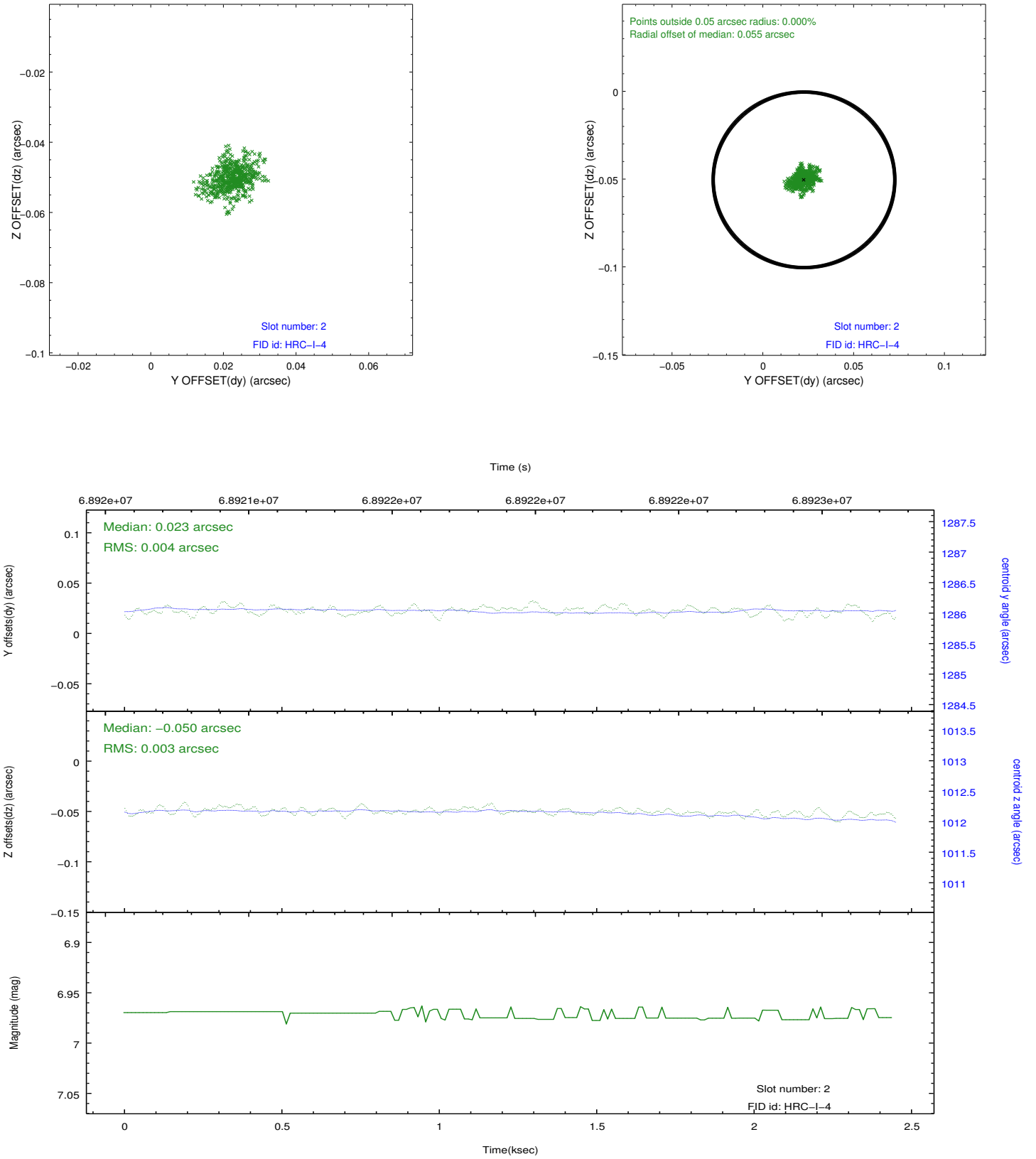
2.5.1 Slot 0



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)	2012.08.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.163

A.2 Comments