

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 275 - L2 Version 5
Chandra X-Ray Center

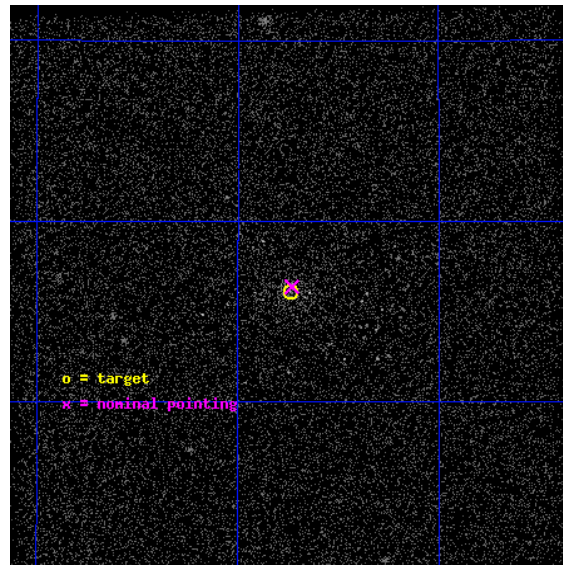
L2 Processing Date : Aug 31 2012

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1 Front

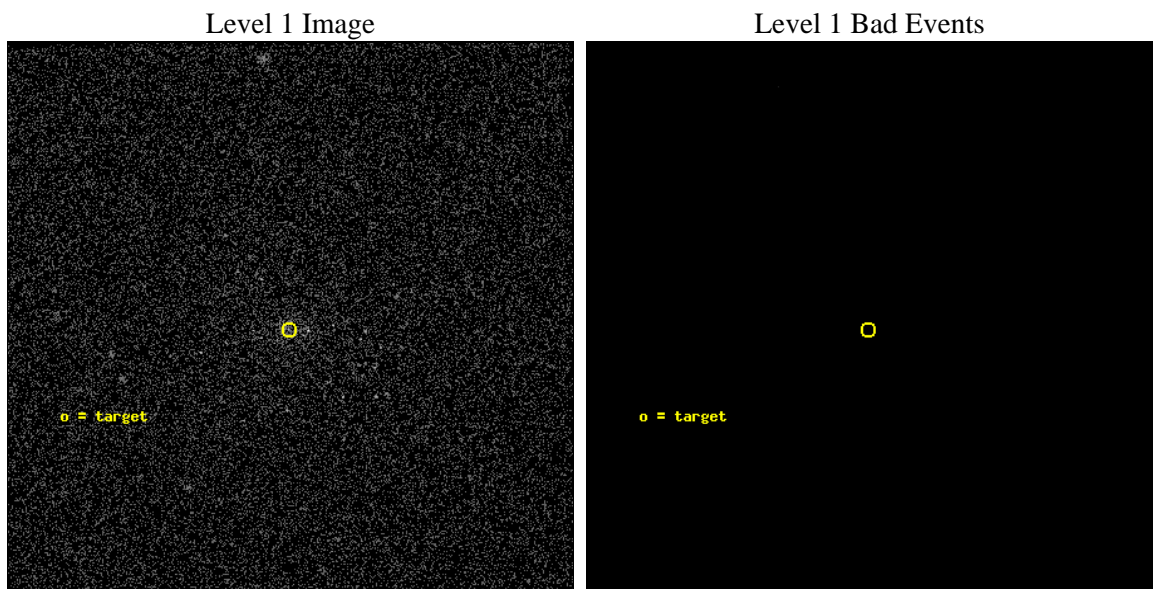
seq_num	600035	Sequence number
obs_id	275	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - CENTER	Source name
ra_targ	10.685	Observer's specified target RA [deg]
dec_targ	41.268972	Observer's specified target Dec [deg]
ra_nom	10.682913504536	Nominal RA [deg]
dec_nom	41.273139606883	Nominal Dec [deg]
roll_nom	134.00231278583	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1194.3812947571	[s]
livetime	1188.4842870349	Ontime multiplied by DTCOR
l2events	33960	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	1194.3812947571	[s]
caldbver	4.5.1.1	 	l1events	50465	Number of level 1 events
date	2012-09-01T01:53:02	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

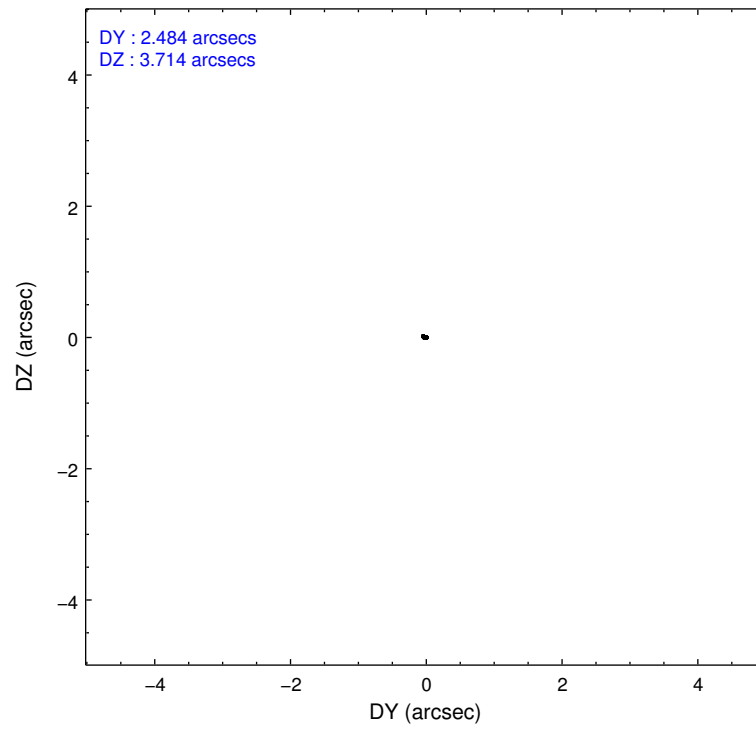
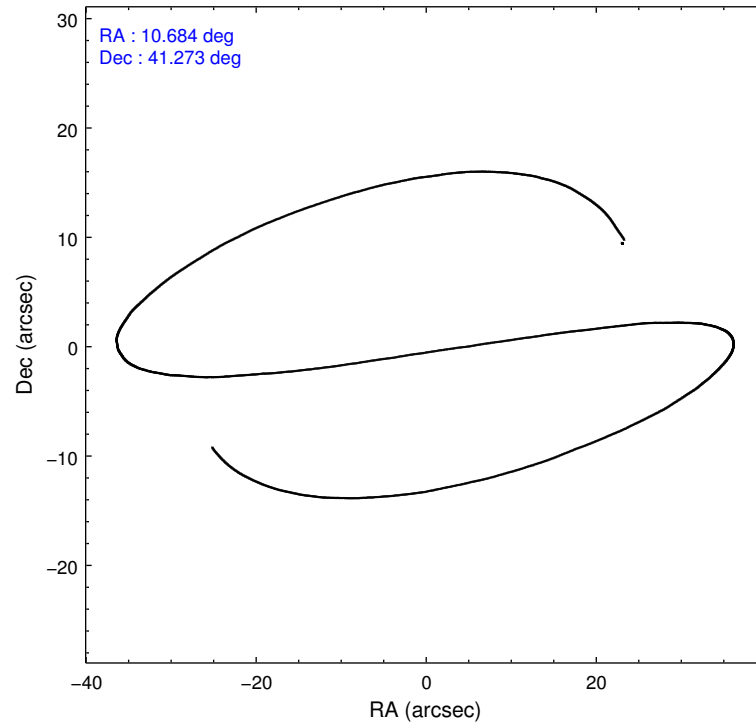
	segment 0
level 1 events	50465
rejected events	1565
rejected %	3%

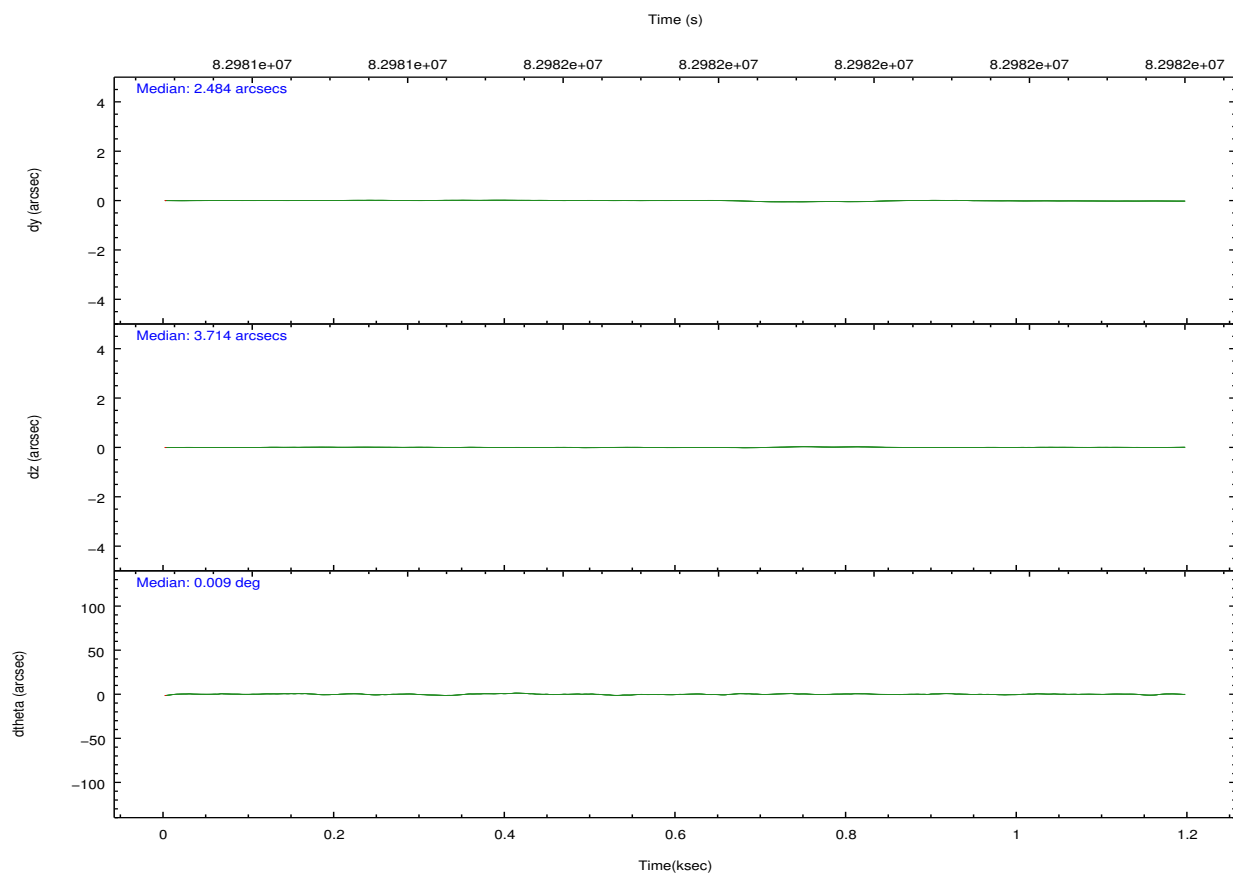
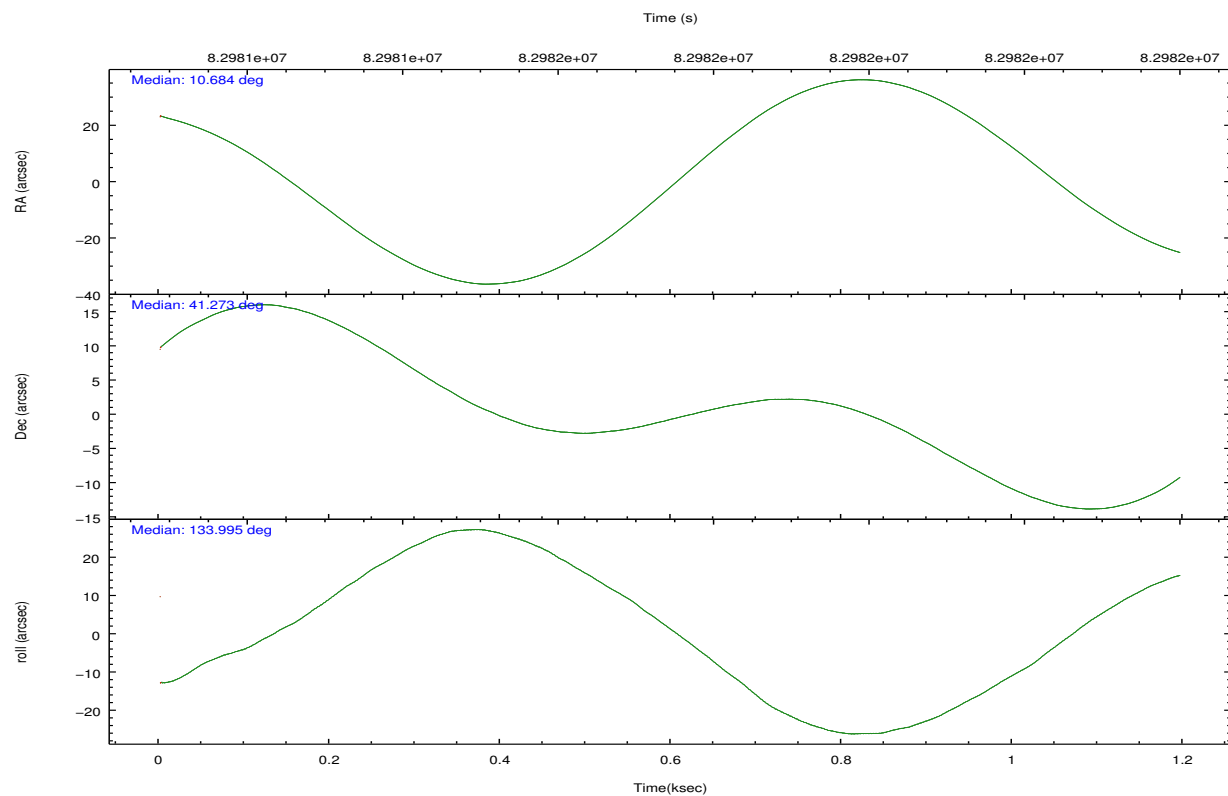
2.2 Compared Parameters

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	10.717859	10.68291350453611
[deg] Pointing Dec	41.265983	41.27313960688256
[deg] Pointing Roll	134.074740	134.0023127858277
[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)	82981343.184000	82980966.782612
Observation start date	2000-08-18T10:21:19	2000-08-18T10:16:06
[s] Observation end time (MET)	82982343.184000	82982476.607669
Observation end date	2000-08-18T10:37:59	2000-08-18T10:41:16

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

2.3 Aspect



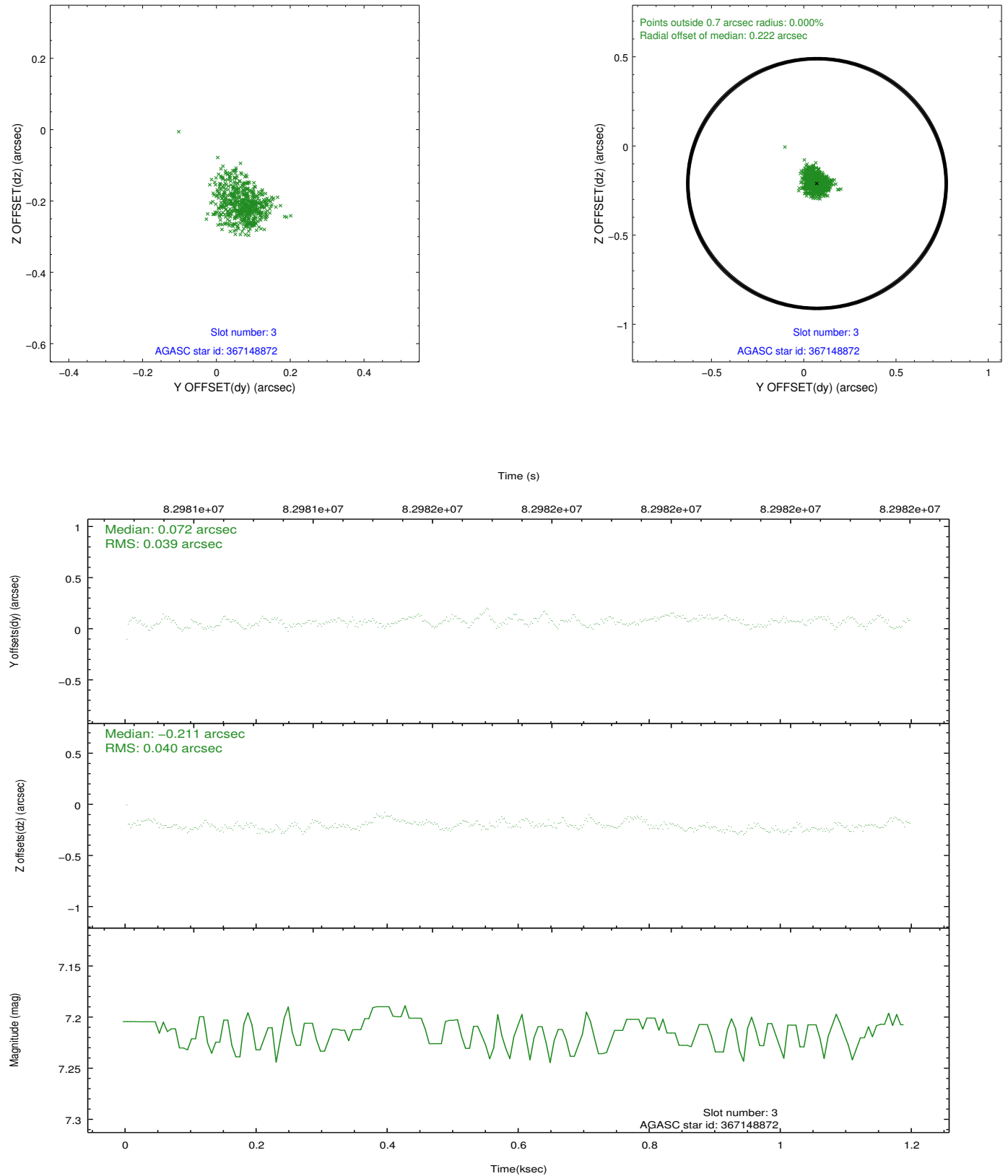


Slot Statistics

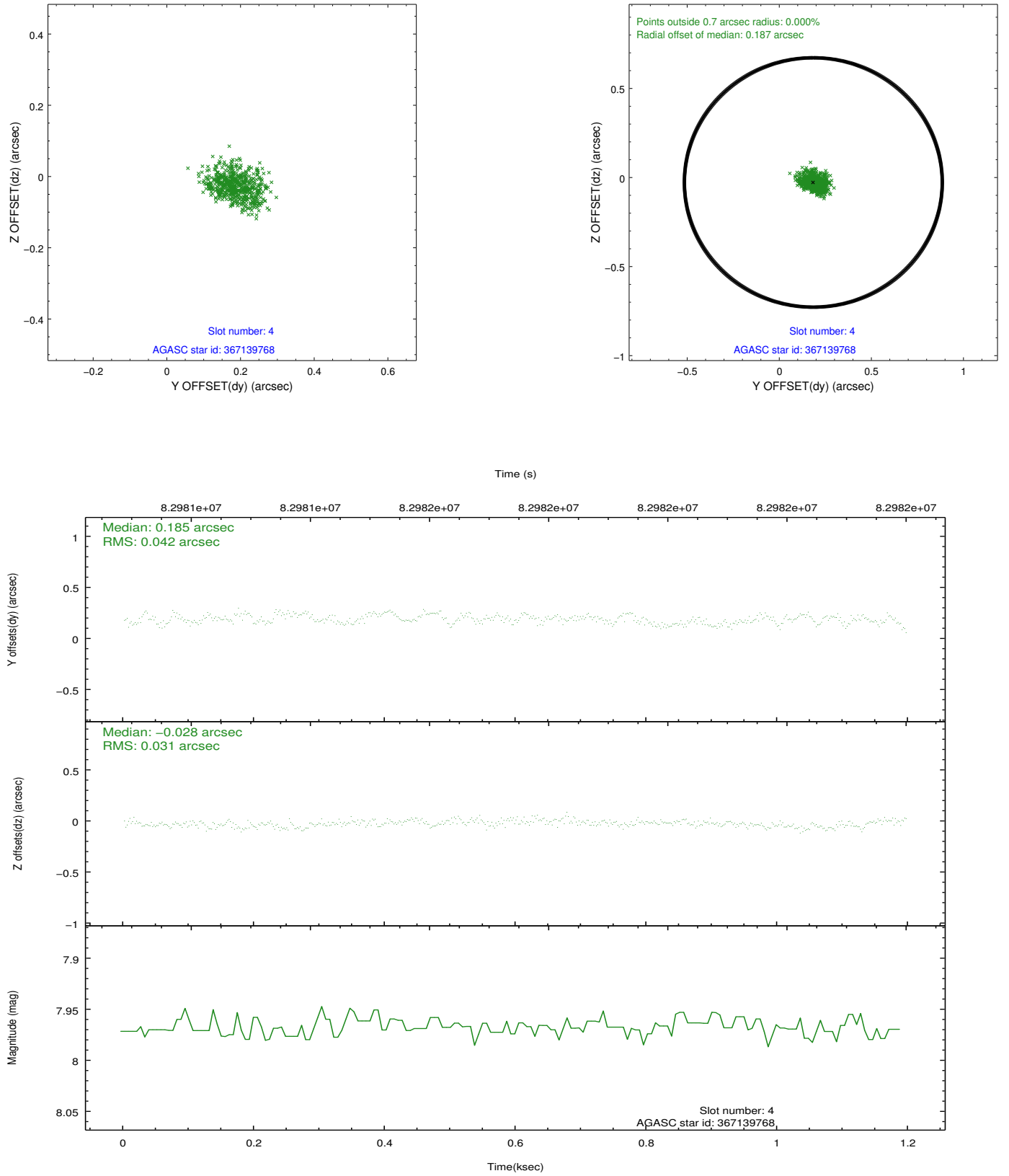
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	292	0.064	0.045	0.006	0.012	0.000000	0.000000	-757.89	-1291.46
1	FID	HRC-I-3	7.04	292	0.025	-0.066	0.007	0.011	0.000000	0.000000	-1188.99	1008.57
2	FID	HRC-I-4	6.98	292	0.025	-0.068	0.005	0.008	0.000000	0.000000	1280.82	1014.02
3	GUIDE	367148872	7.21	584	0.072	-0.211	0.060	0.094	10.505940	40.688258	-1090.02	1862.57
4	GUIDE	367139768	7.97	584	0.185	-0.028	0.057	0.087	11.069715	40.685175	-2169.25	766.96
5	GUIDE	367674552	8.85	584	-0.042	0.158	0.068	0.108	11.016238	41.570845	228.34	-1339.22
6	GUIDE	367671800	9.42	584	-0.200	0.187	0.088	0.142	10.554735	41.964935	2113.64	-1437.75
7	GUIDE	367658664	9.60	582	-0.017	-0.128	0.085	0.134	10.374070	41.369746	920.82	404.76

2.4 Star Slots

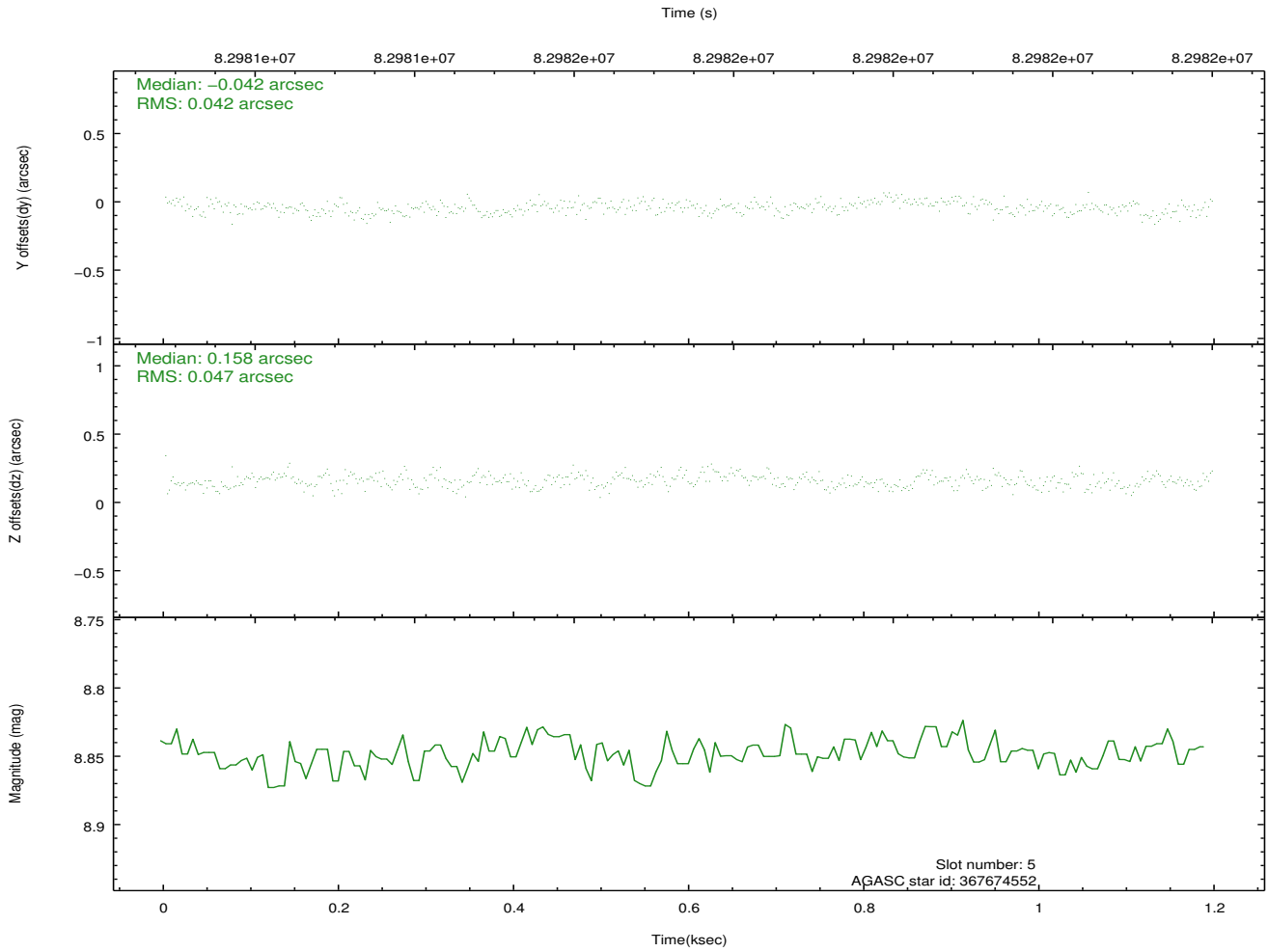
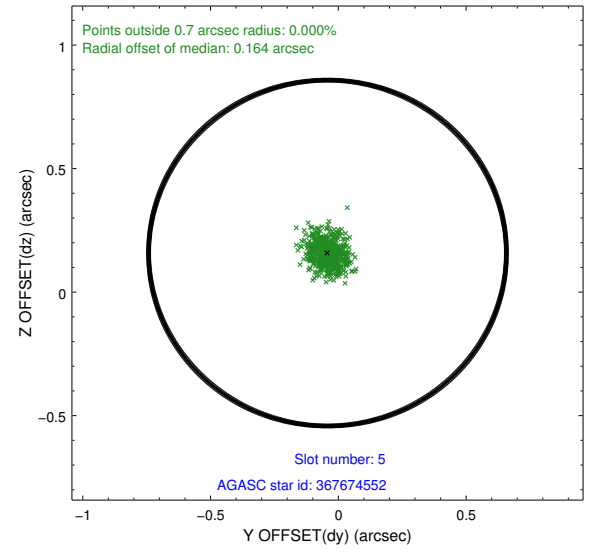
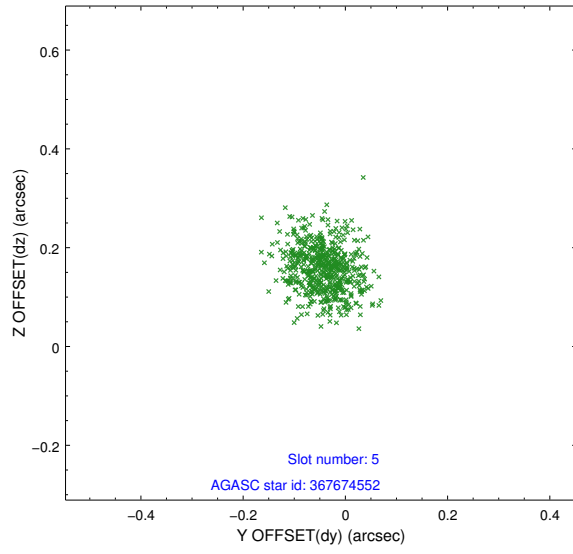
2.4.1 Slot 3



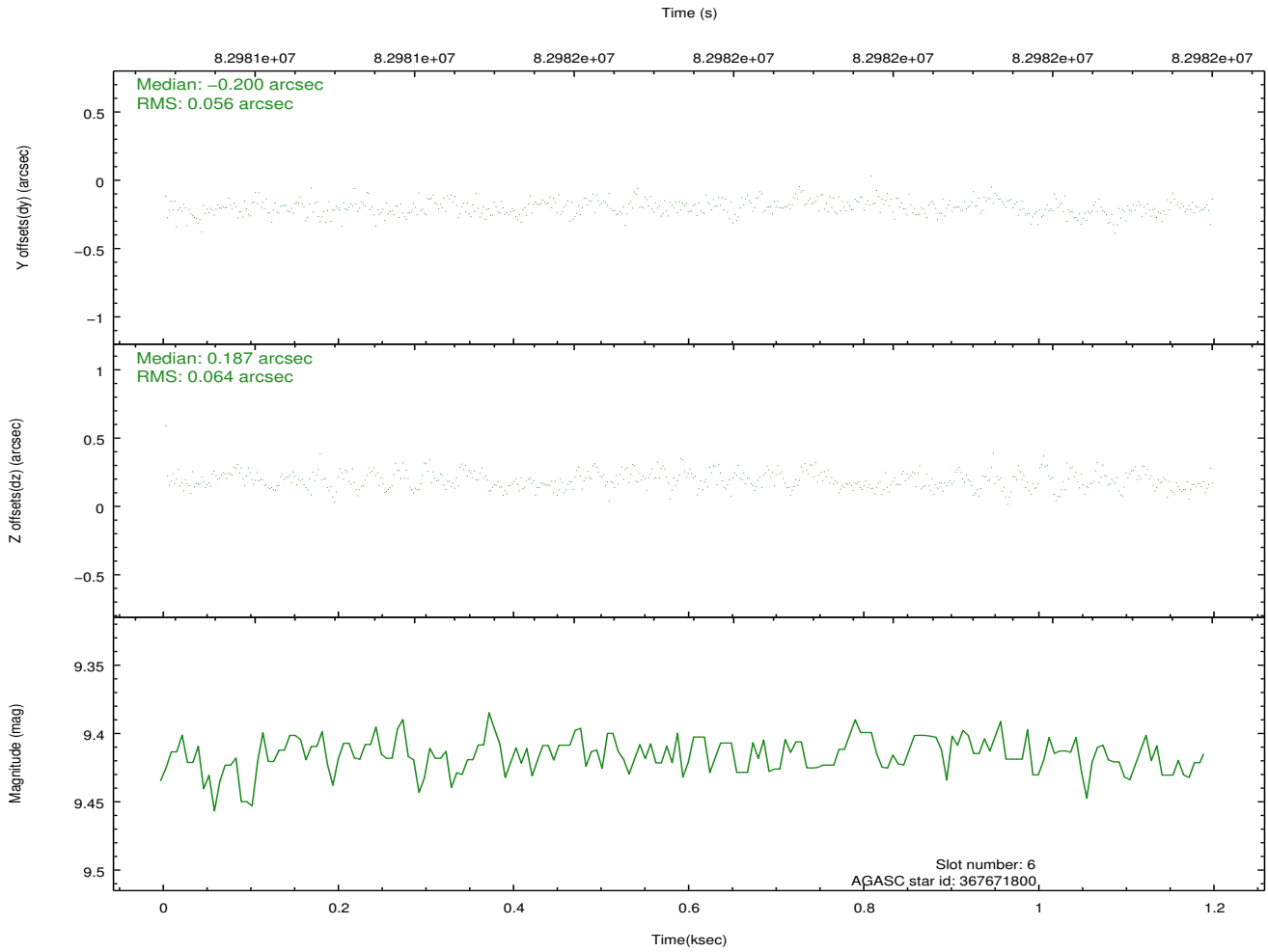
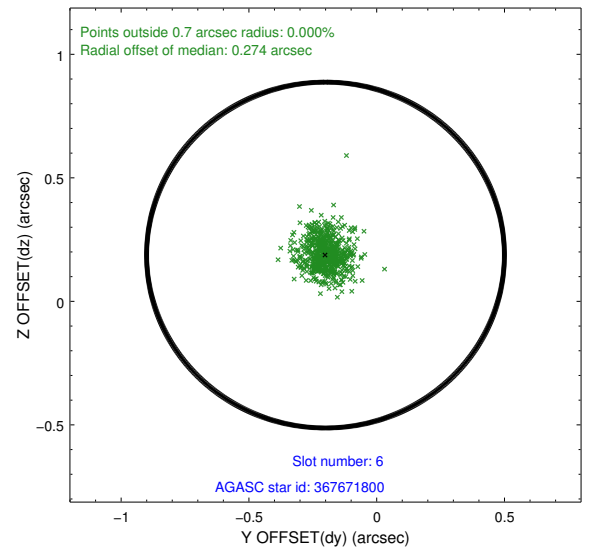
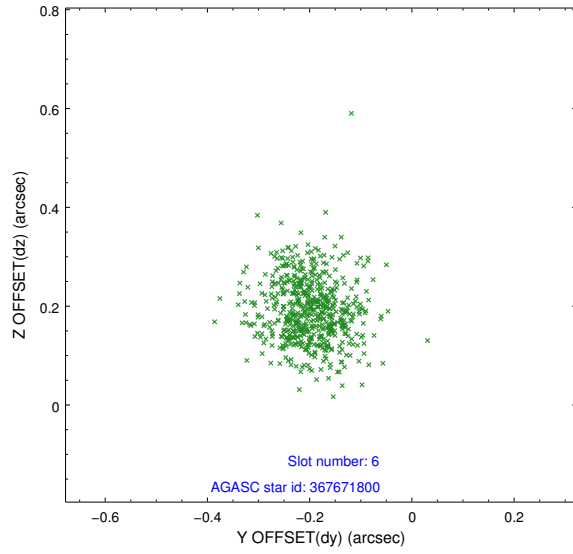
2.4.2 Slot 4



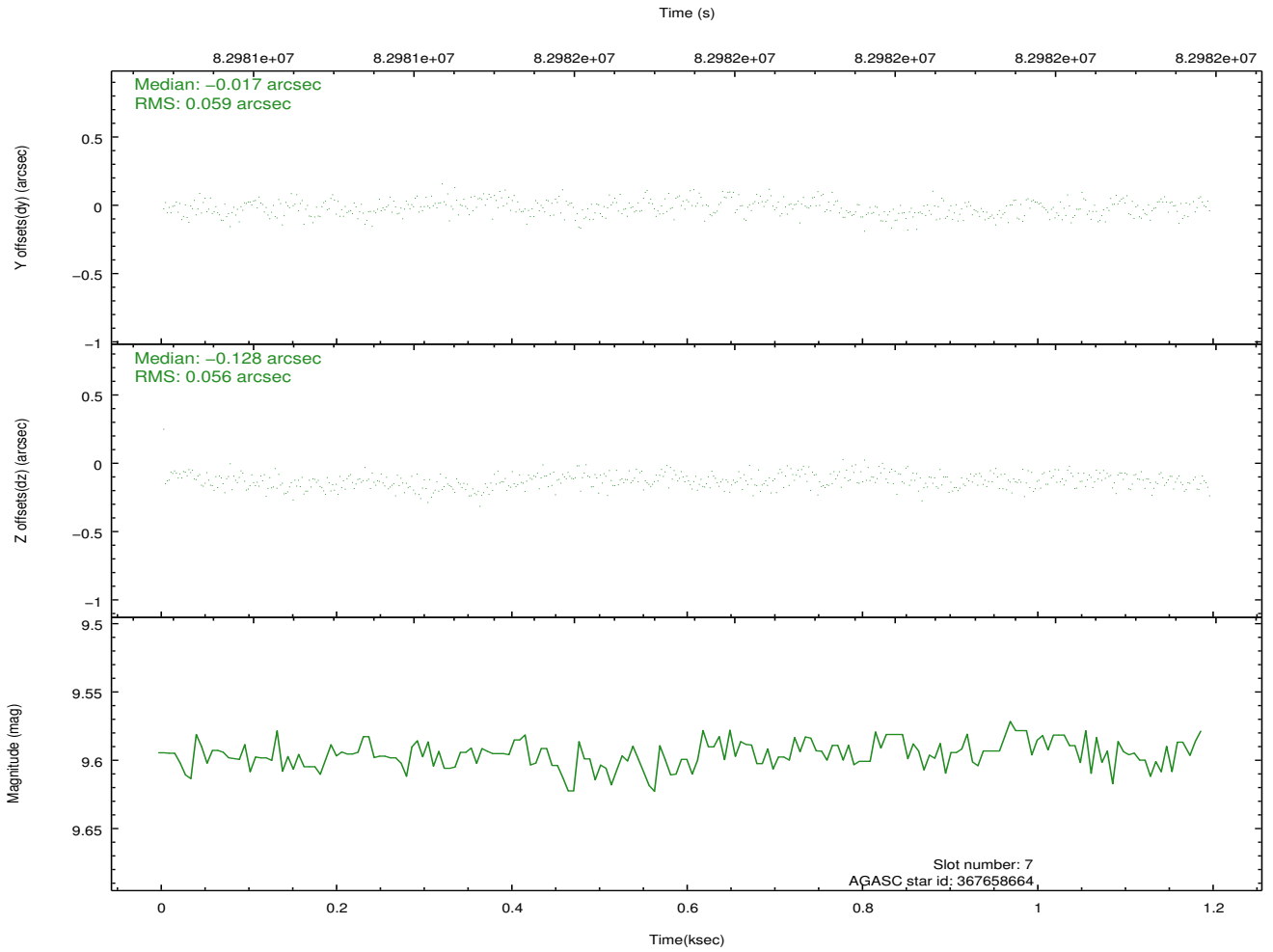
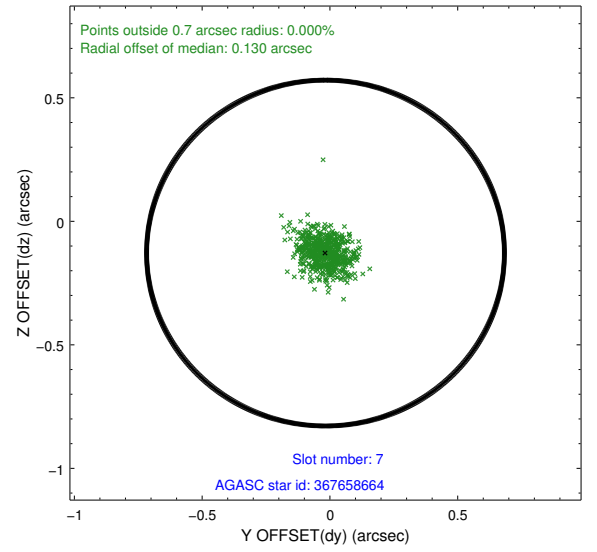
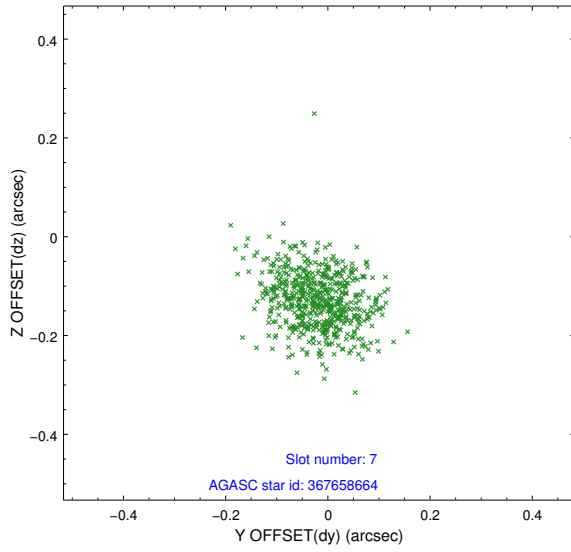
2.4.3 Slot 5



2.4.4 Slot 6

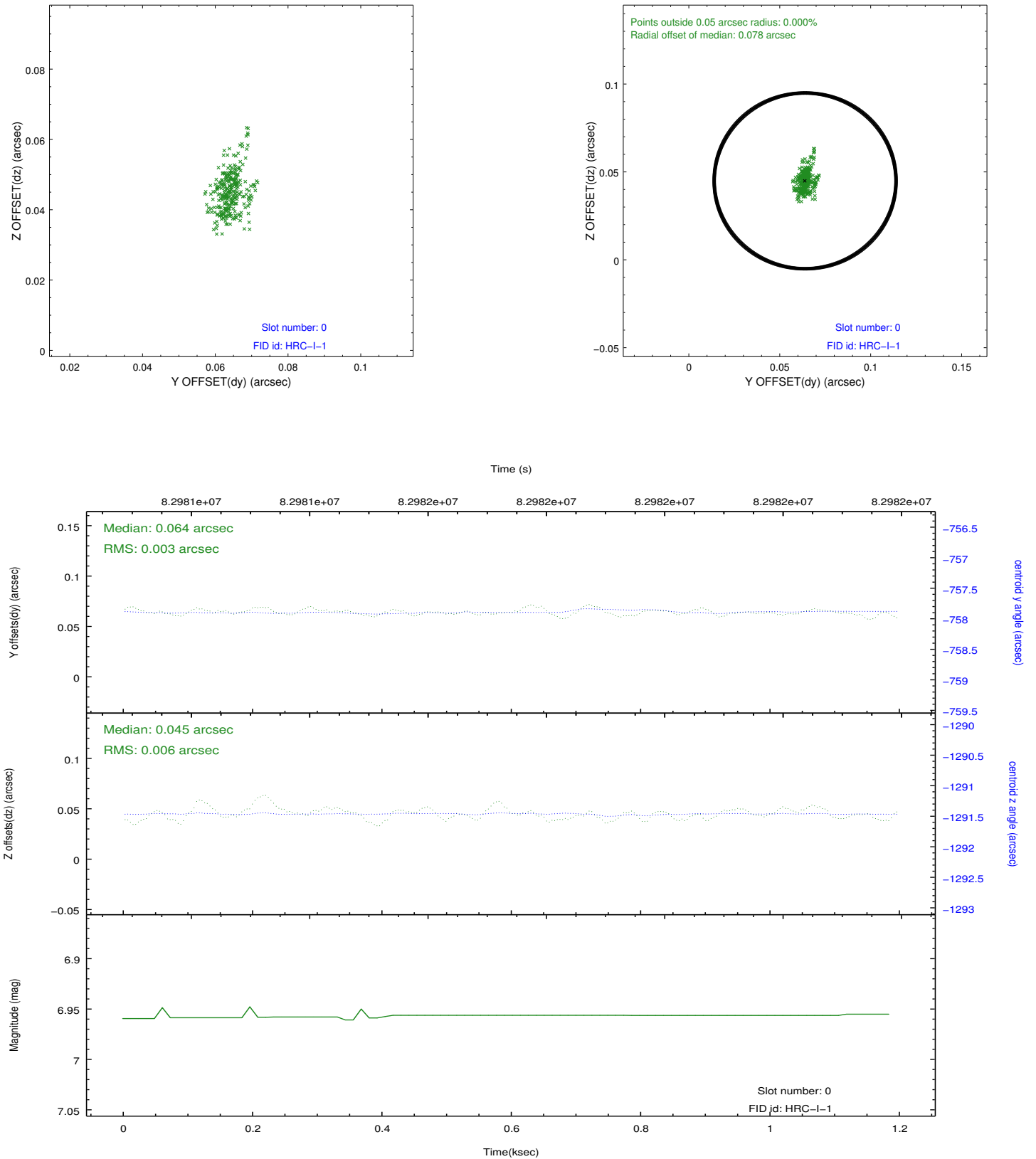


2.4.5 Slot 7

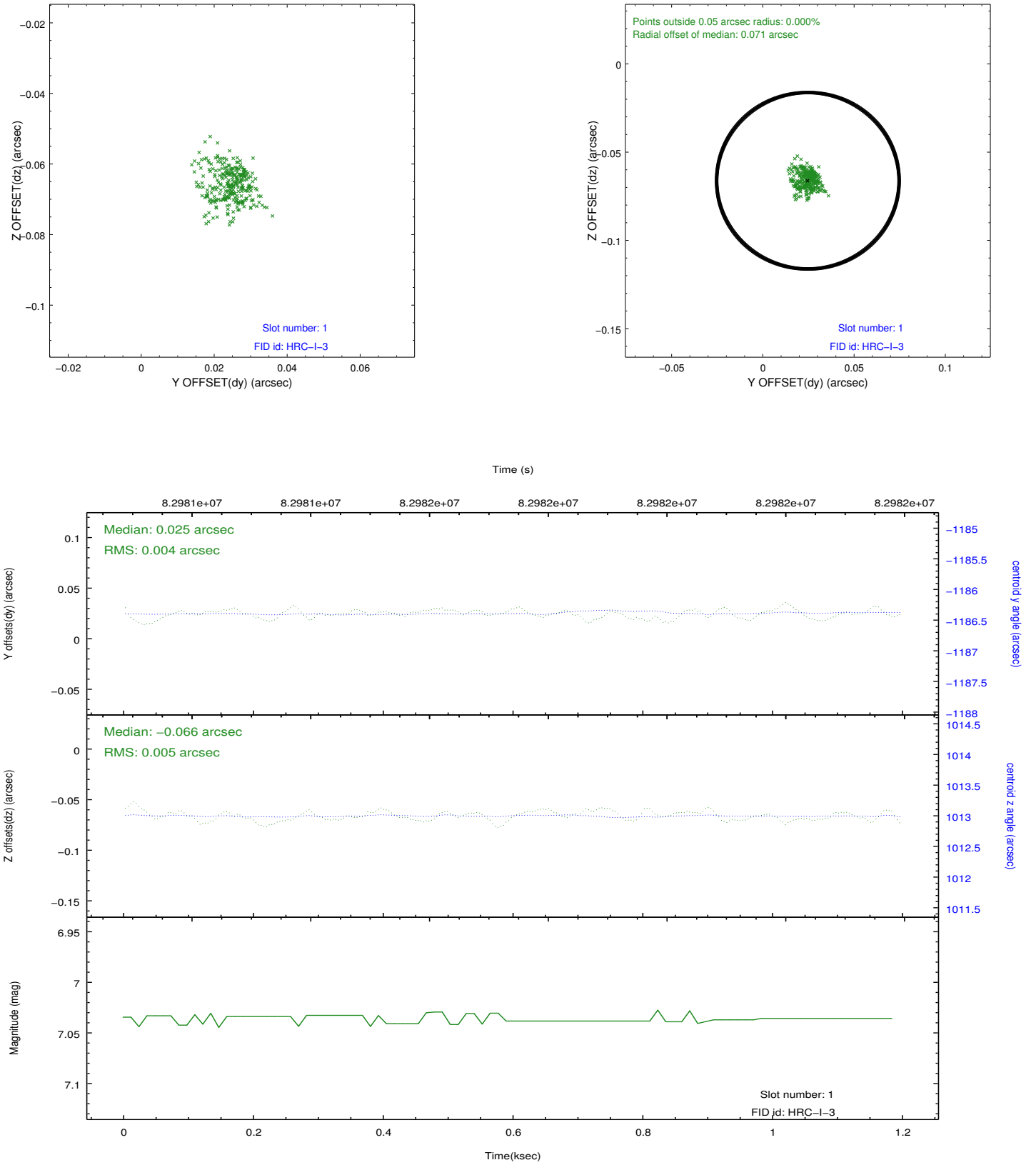


2.5 FID Slots

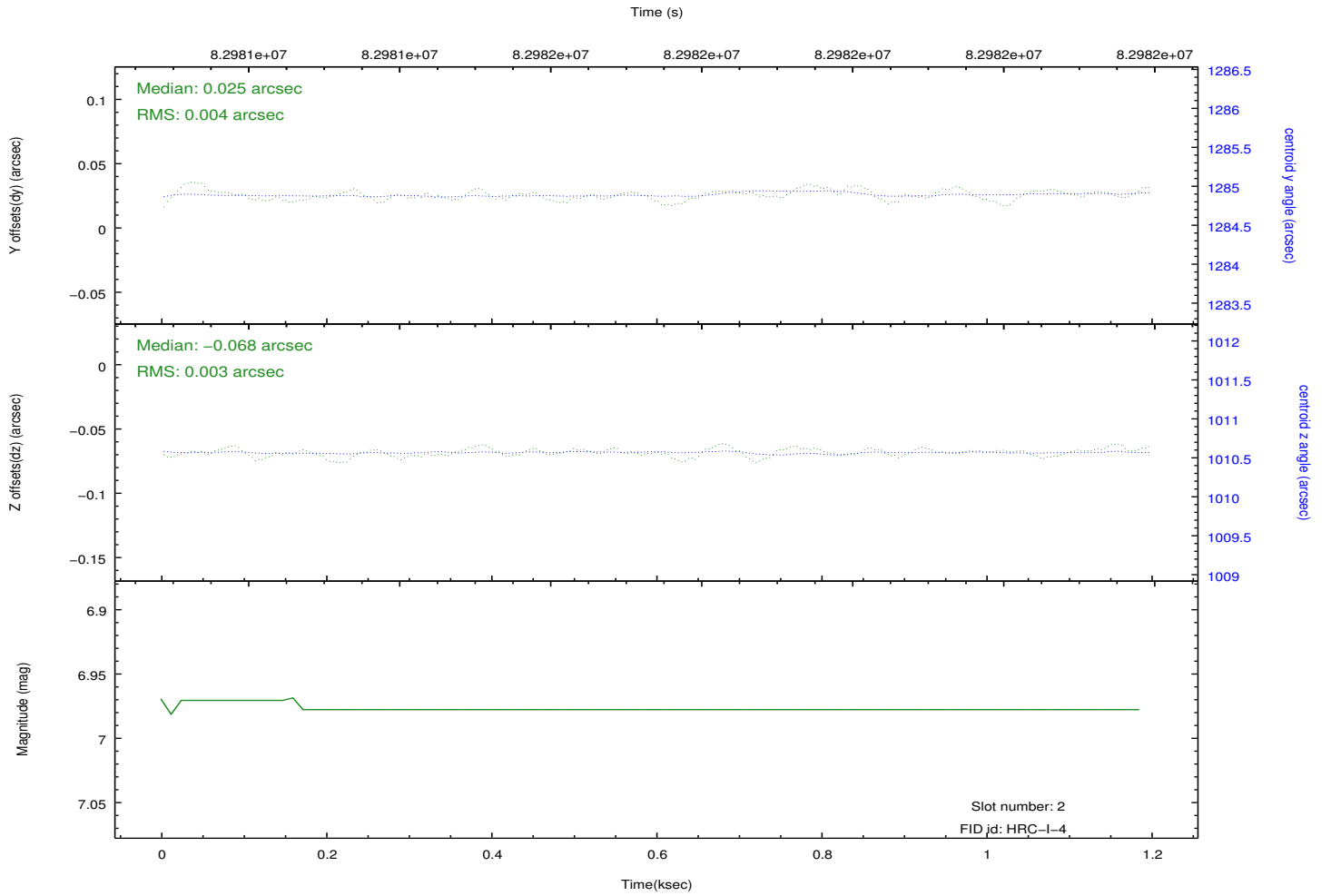
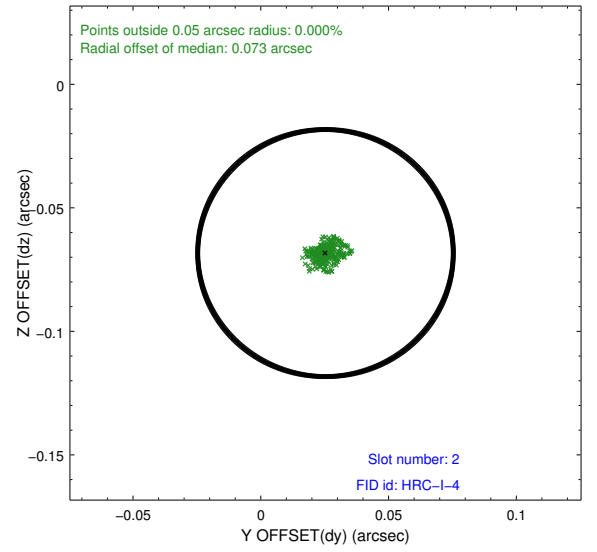
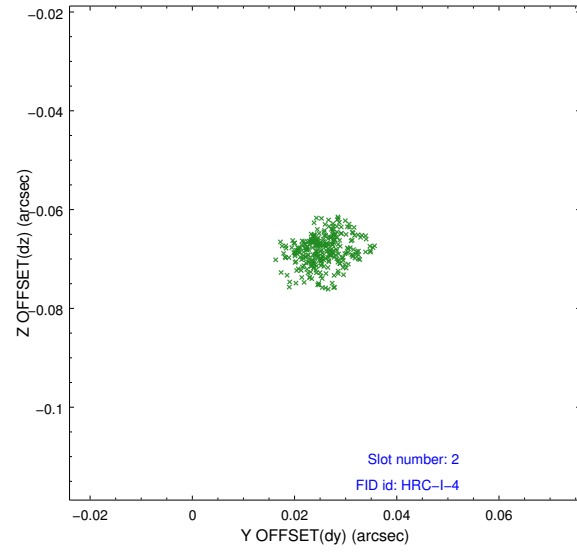
2.5.1 Slot 0



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)	2012.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.194

A.2 Comments