

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 246 - L2 Version 6
Chandra X-Ray Center

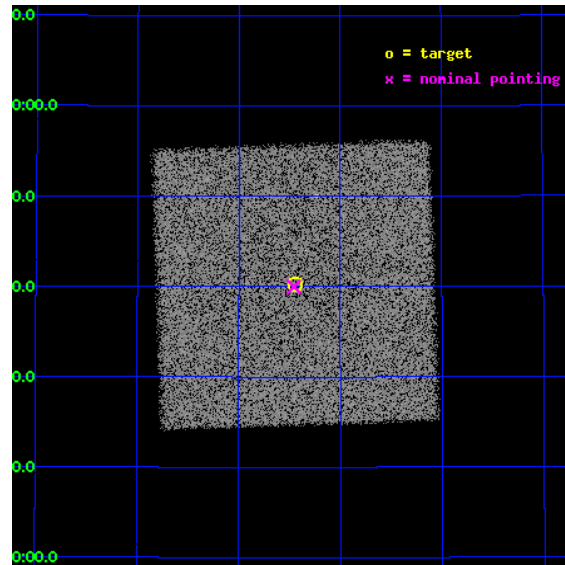
L2 Processing Date : Aug 22 2012

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1 Front

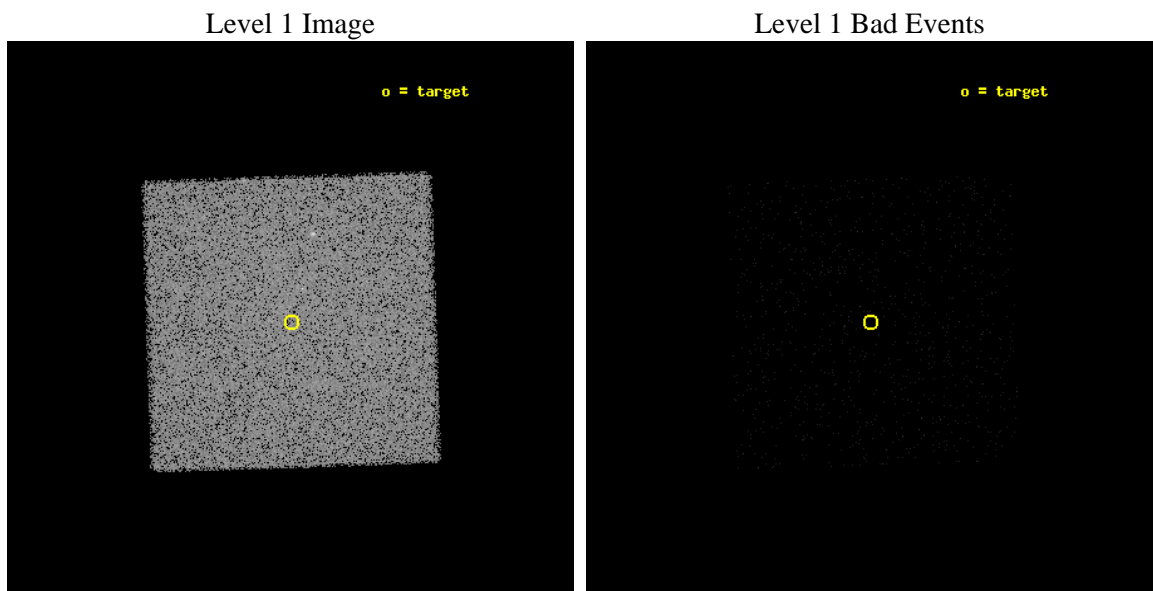
seq_num	600006	Sequence number
obs_id	246	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - South 2	Source name
ra_targ	10.1125	Observer's specified target RA [deg]
dec_targ	40.67	Observer's specified target Dec [deg]
ra_nom	10.114121704847	Nominal RA [deg]
dec_nom	40.666400819955	Nominal Dec [deg]
roll_nom	313.12103936307	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1428.0813020691	[s]
livetime	1417.1576573671	Ontime multiplied by DTCOR
l2events	72255	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	2	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1428.0813020691	[s]
caldbver	4.5.1.1	 	l1events	189979	Number of level 1 events
date	2012-08-22T13:09:23	Date and time of file creation			
revision	6	Processing version of data			

2.1.3 Events

Level 1 Events

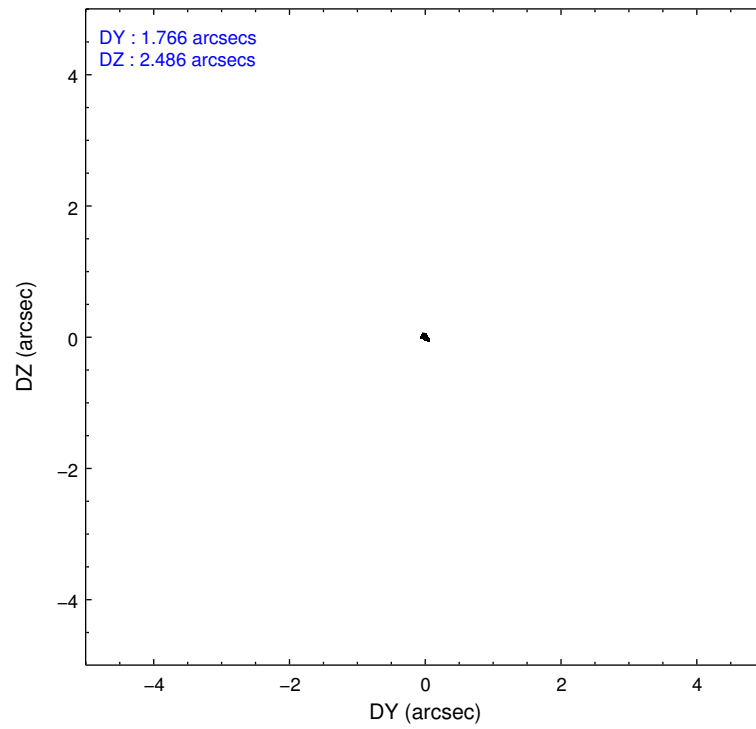
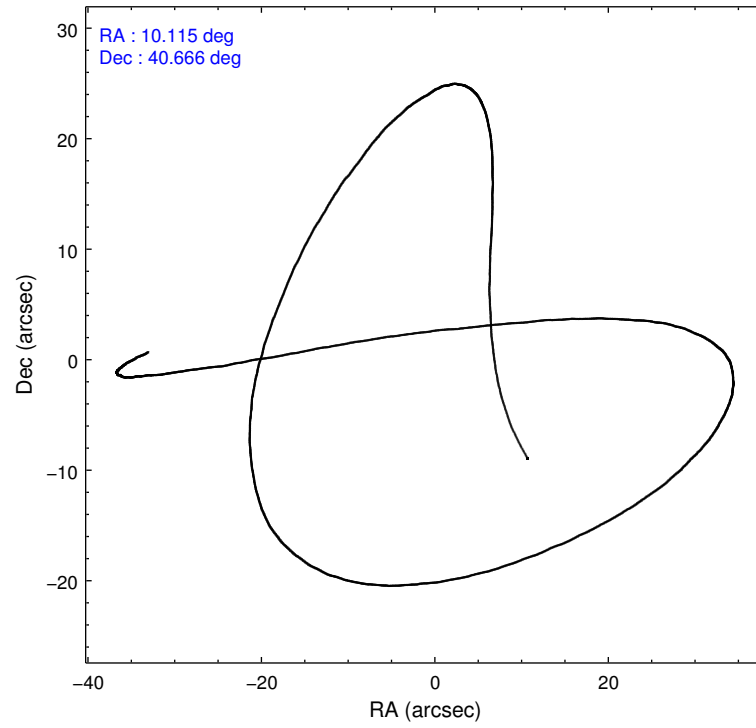
	segment 0
level 1 events	189979
rejected events	84805
rejected %	44%

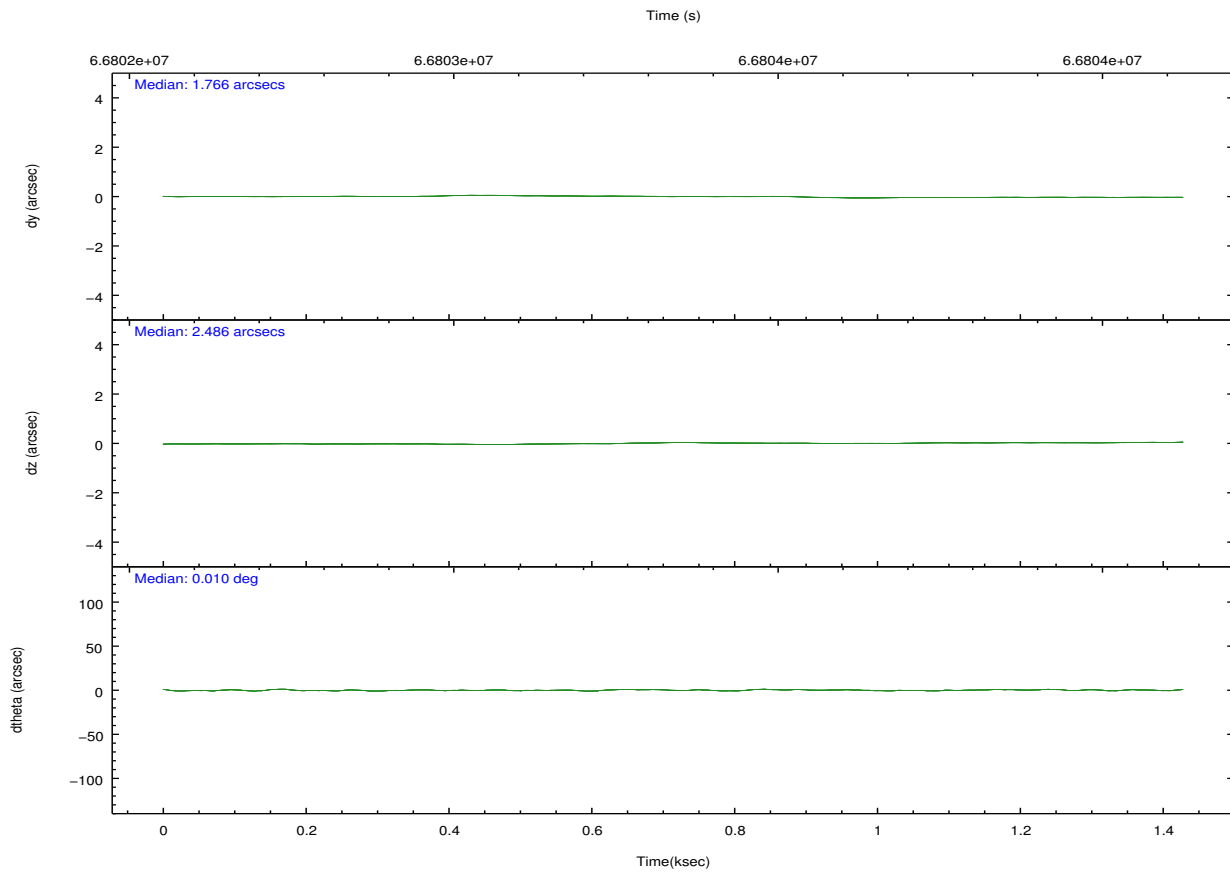
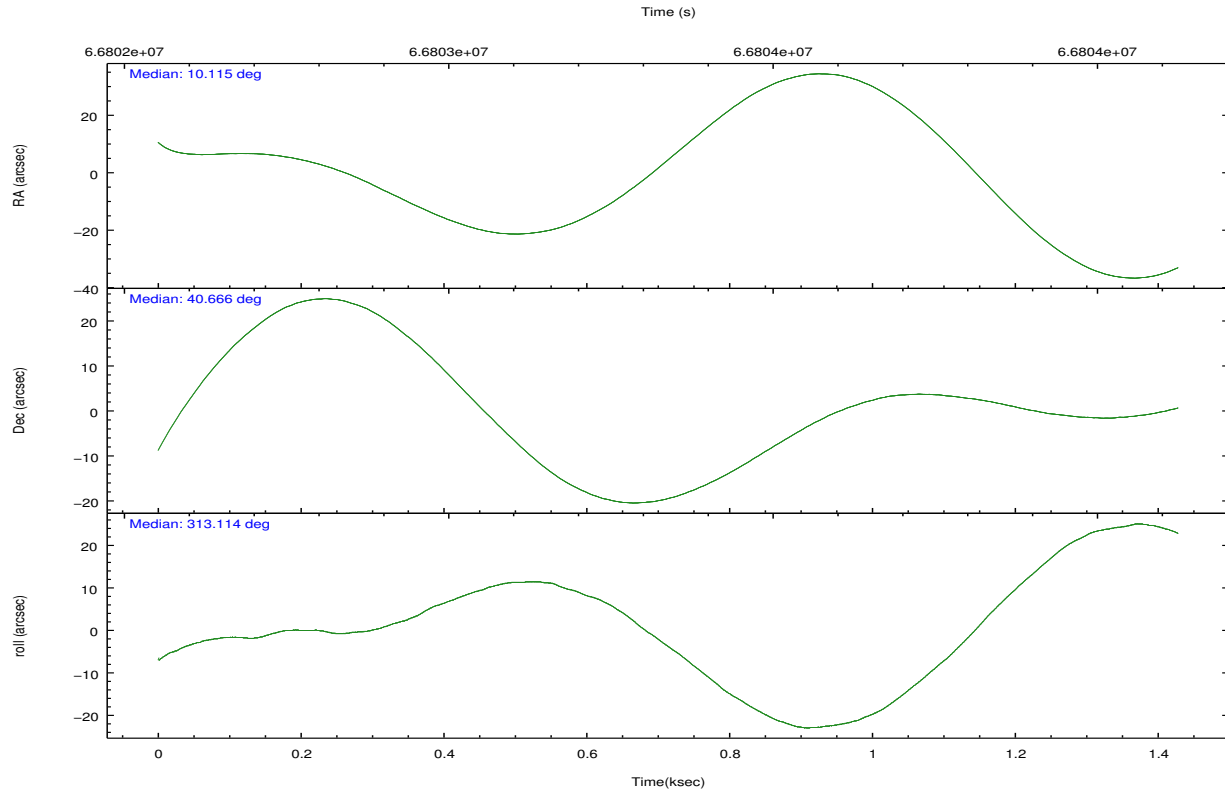
2.2 Compared Parameters

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	10.079997	10.11412170484746
[deg] Pointing Dec	40.673358	40.66640081995486
[deg] Pointing Roll	313.238810	313.1210393630744
[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)	66803052.184000	66801324.733458
Observation start date	2000-02-13T04:23:08	2000-02-13T03:55:24
[s] Observation end time (MET)	66804052.184000	66804186.533562
Observation end date	2000-02-13T04:39:48	2000-02-13T04:43:06

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

2.3 Aspect



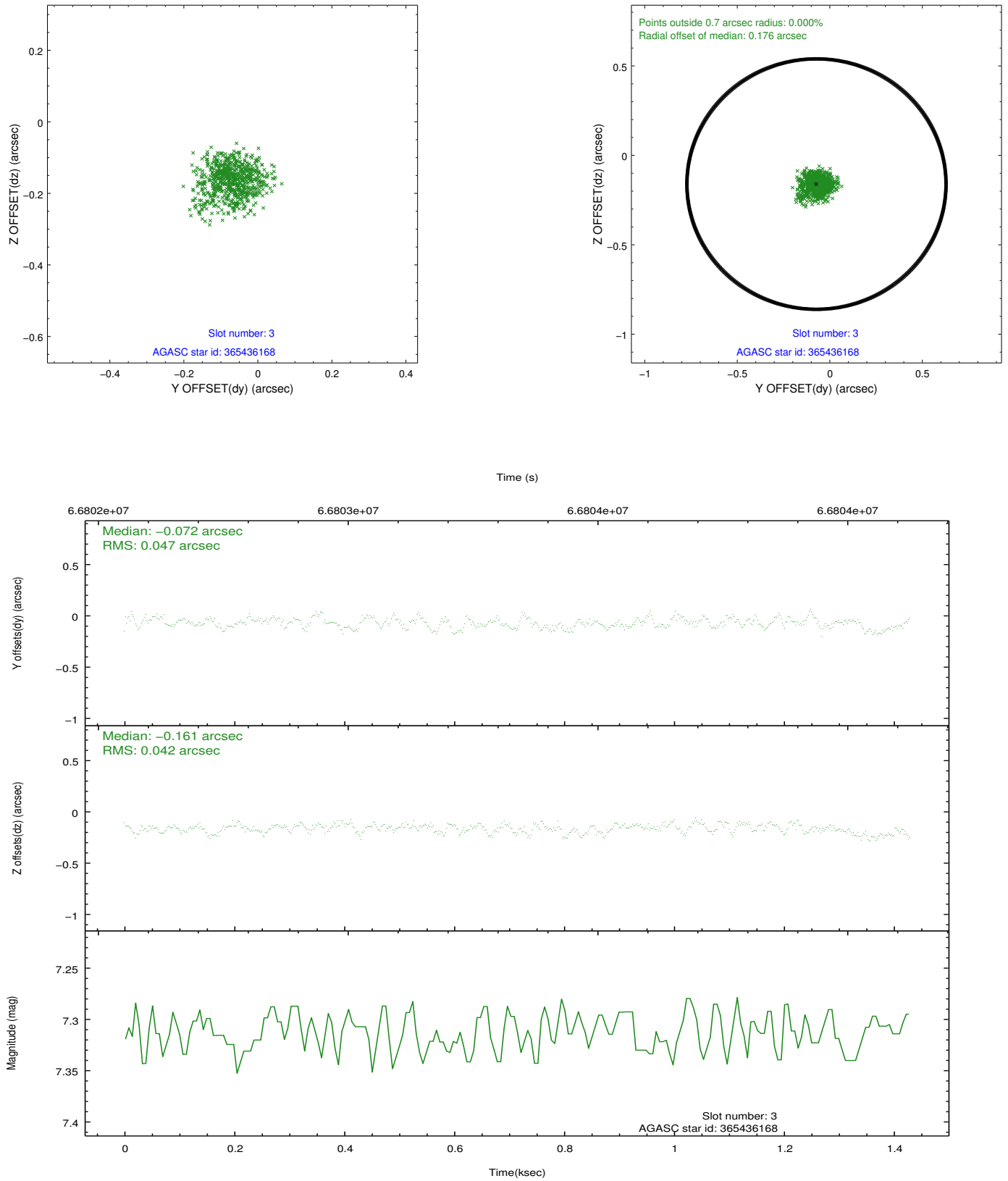


Slot Statistics

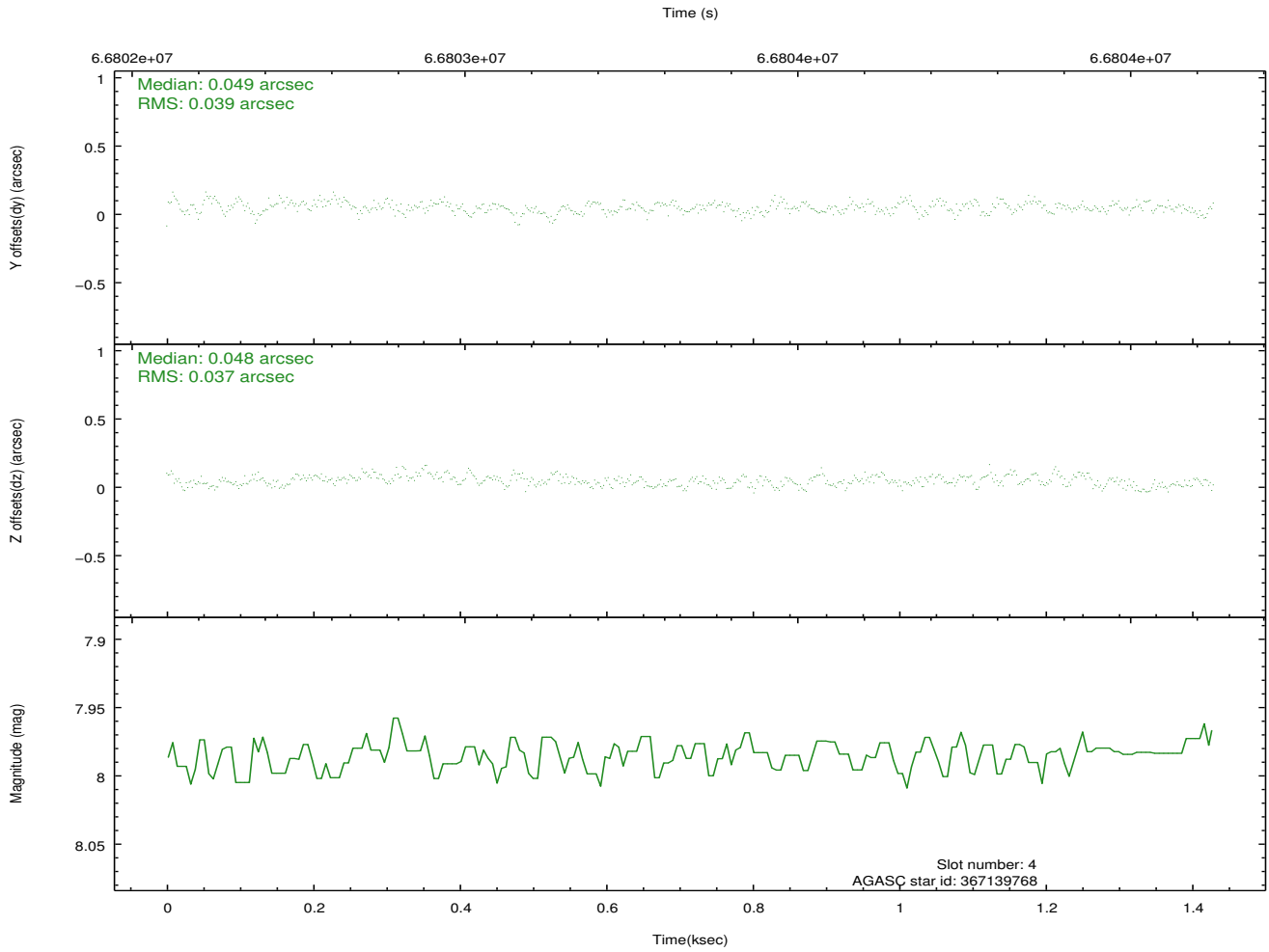
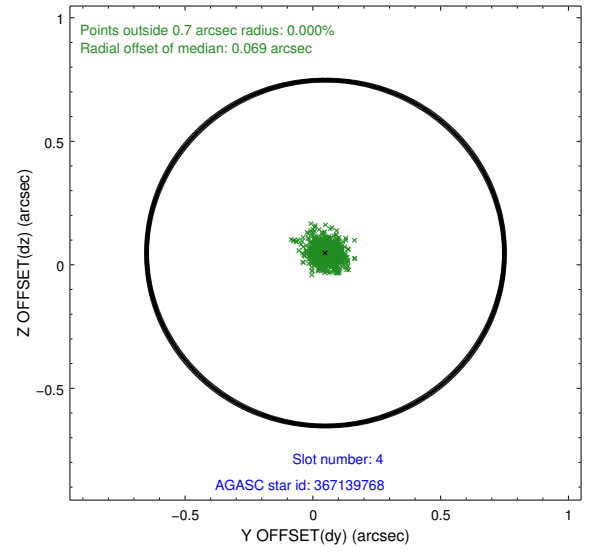
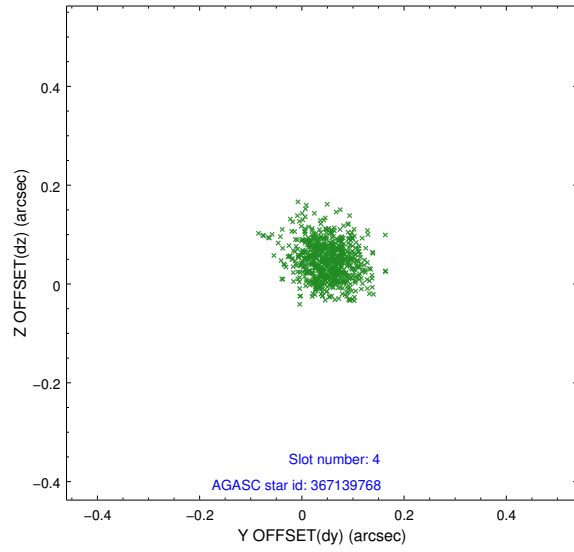
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	349	0.054	-0.009	0.006	0.009	0.000000	0.000000	-757.18	-1290.24
1	FID	HRC-I-3	7.03	349	0.033	-0.031	0.007	0.011	0.000000	0.000000	-1187.81	1010.61
2	FID	HRC-I-4	6.98	349	0.027	-0.050	0.005	0.007	0.000000	0.000000	1282.23	1014.73
3	GUIDE	365436168	7.31	698	-0.072	-0.161	0.070	0.111	9.360006	40.332380	-462.19	-2276.27
4	GUIDE	367139768	7.98	698	0.049	0.048	0.056	0.096	11.069715	40.685175	1810.73	2003.62
5	GUIDE	367144424	8.66	698	0.098	0.061	0.058	0.101	10.464515	40.309136	1682.15	-125.75
6	GUIDE	367658664	9.62	697	-0.051	0.075	0.128	0.195	10.374070	41.369746	-1278.22	2295.65
7	GUIDE	365442912	9.59	697	-0.034	-0.022	0.101	0.251	9.345394	40.727461	-1519.84	-1319.03

2.4 Star Slots

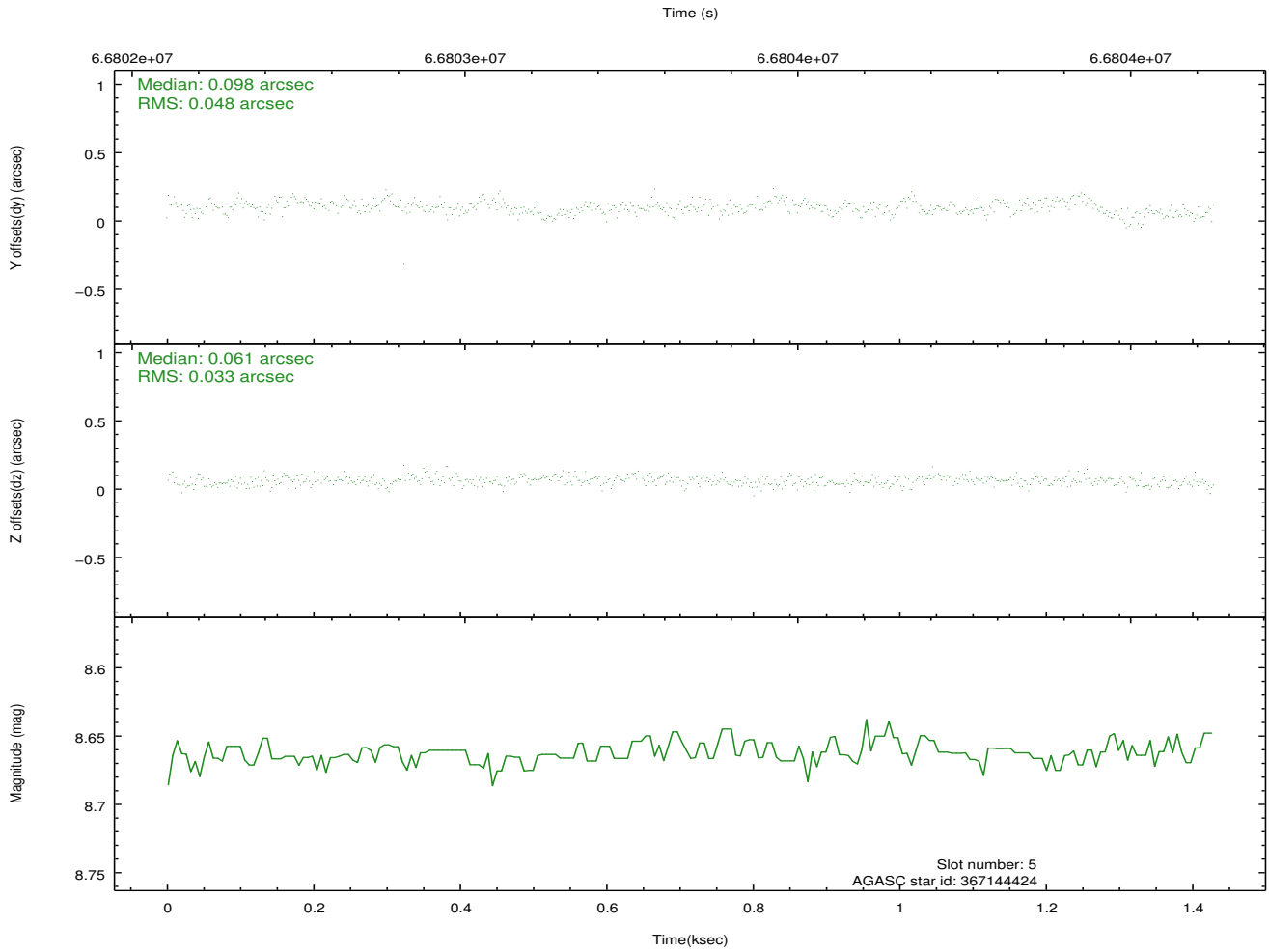
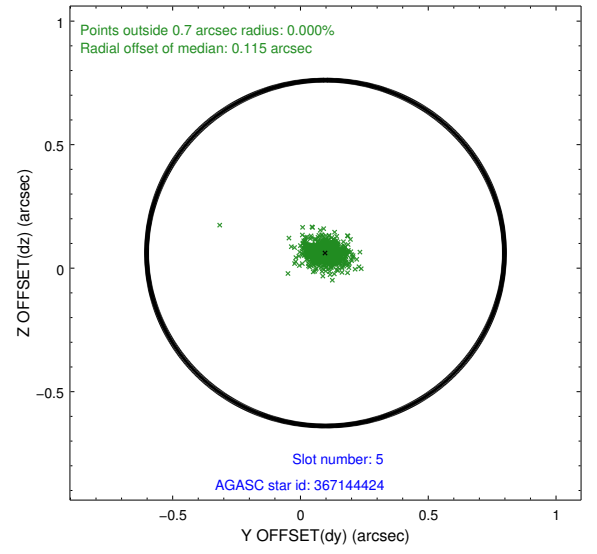
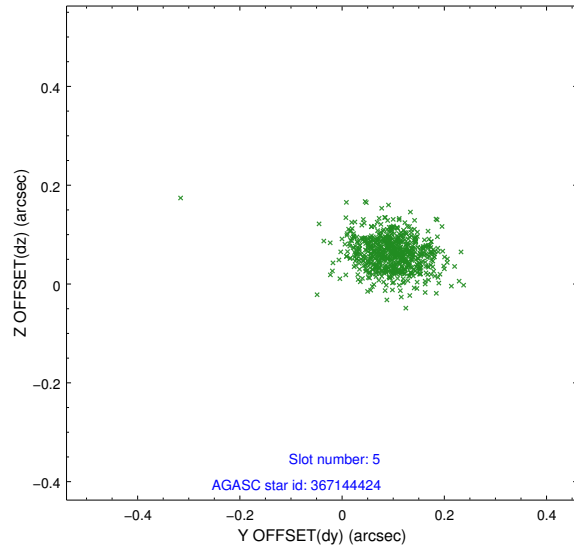
2.4.1 Slot 3



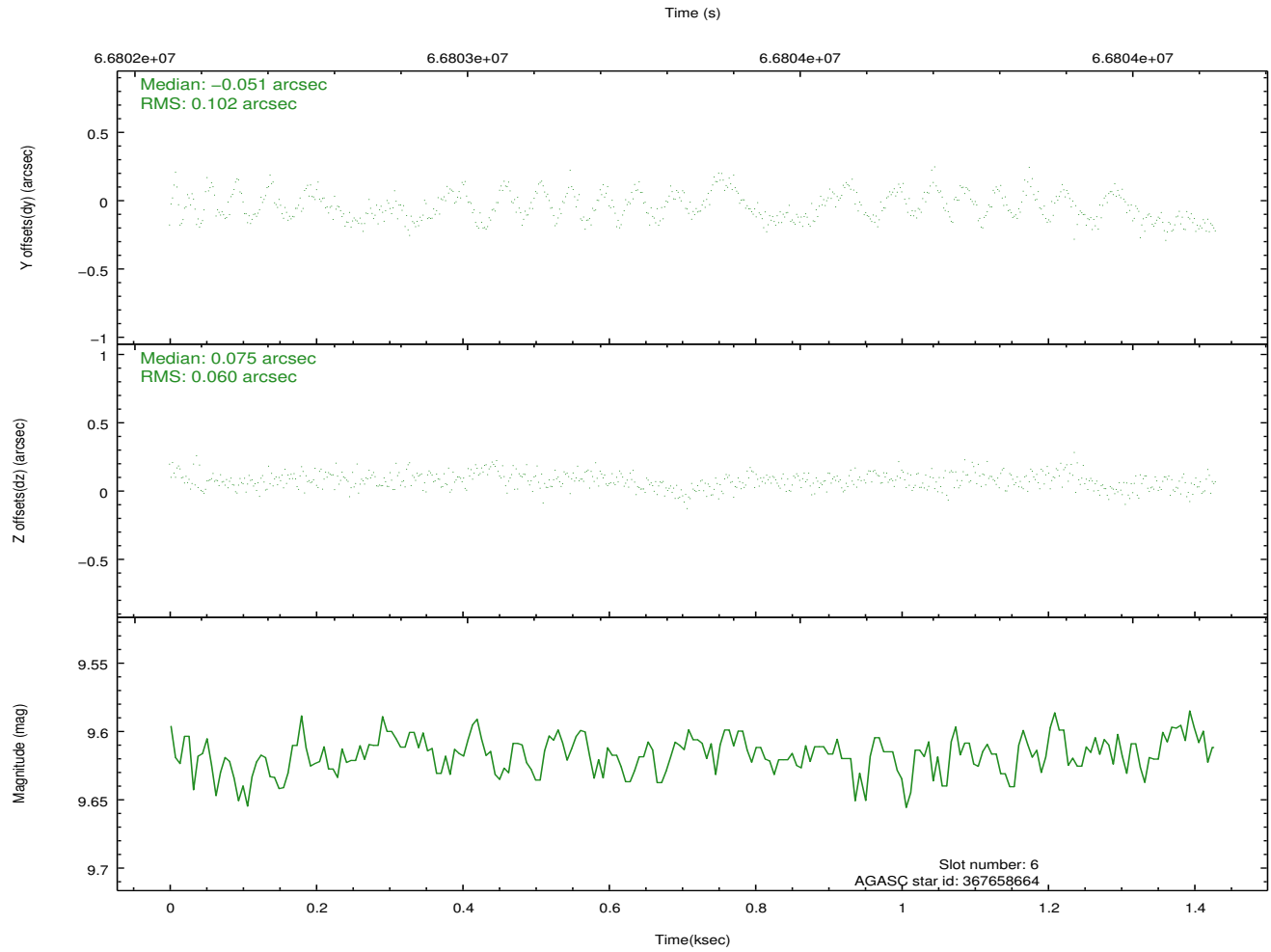
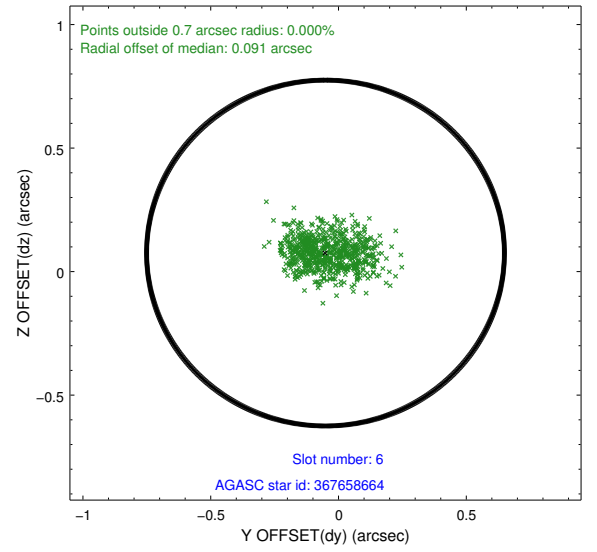
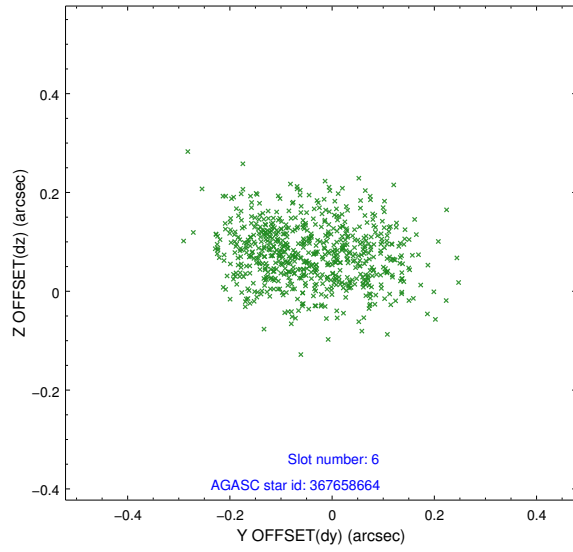
2.4.2 Slot 4



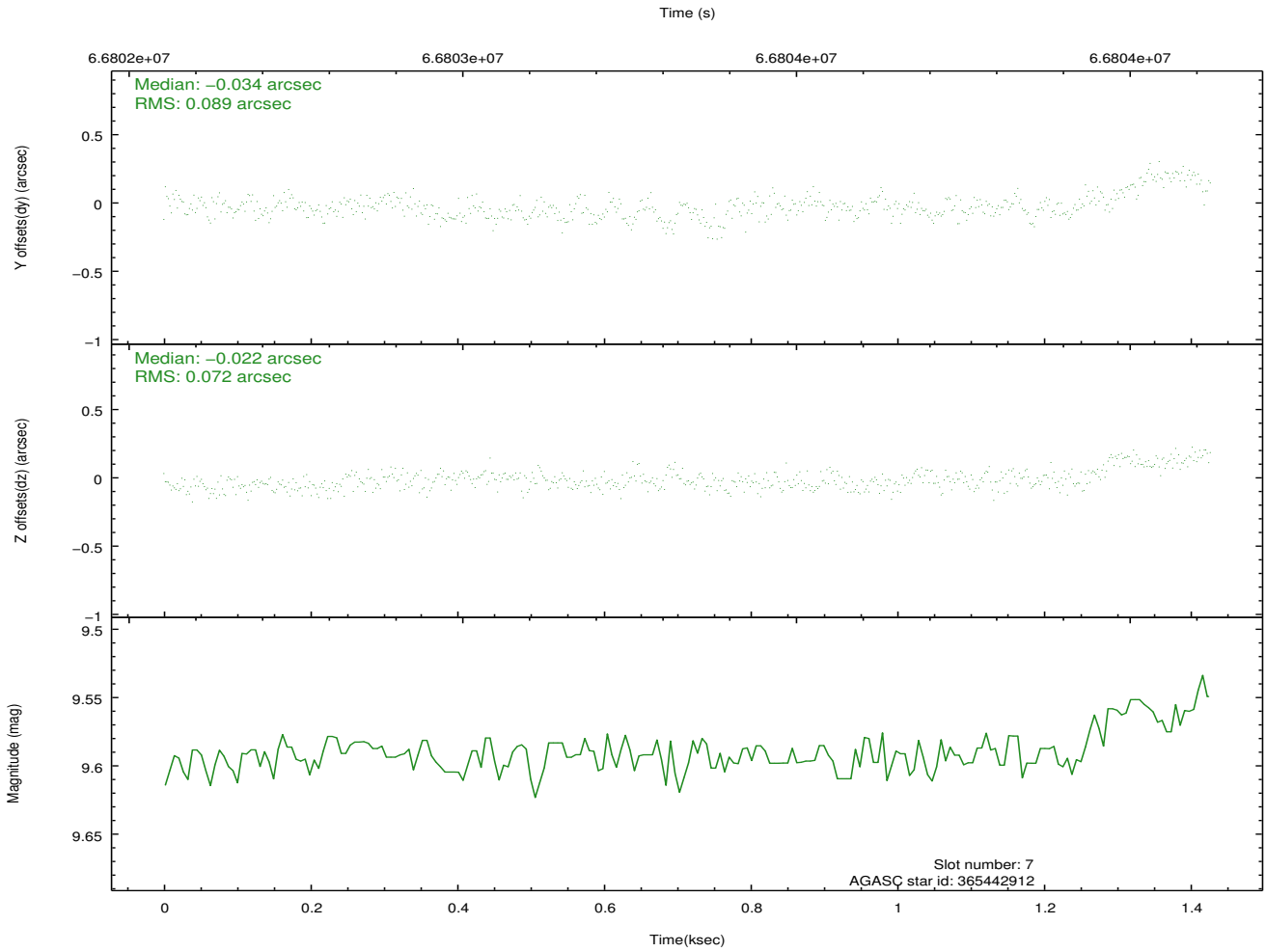
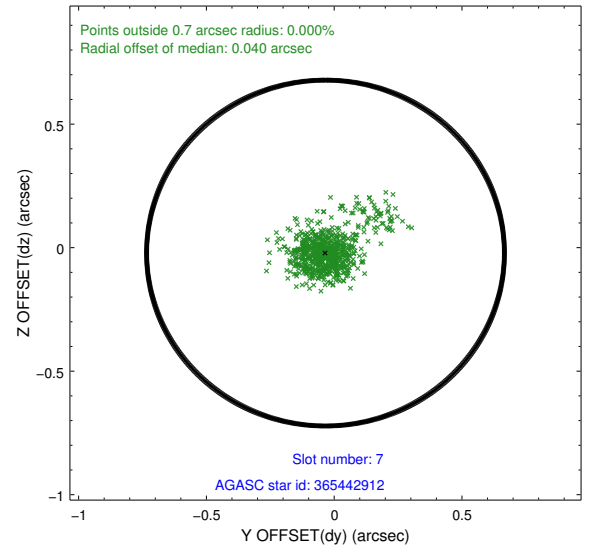
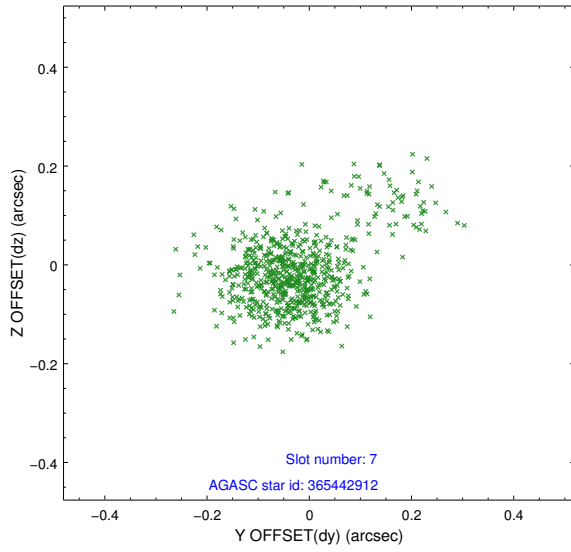
2.4.3 Slot 5



2.4.4 Slot 6

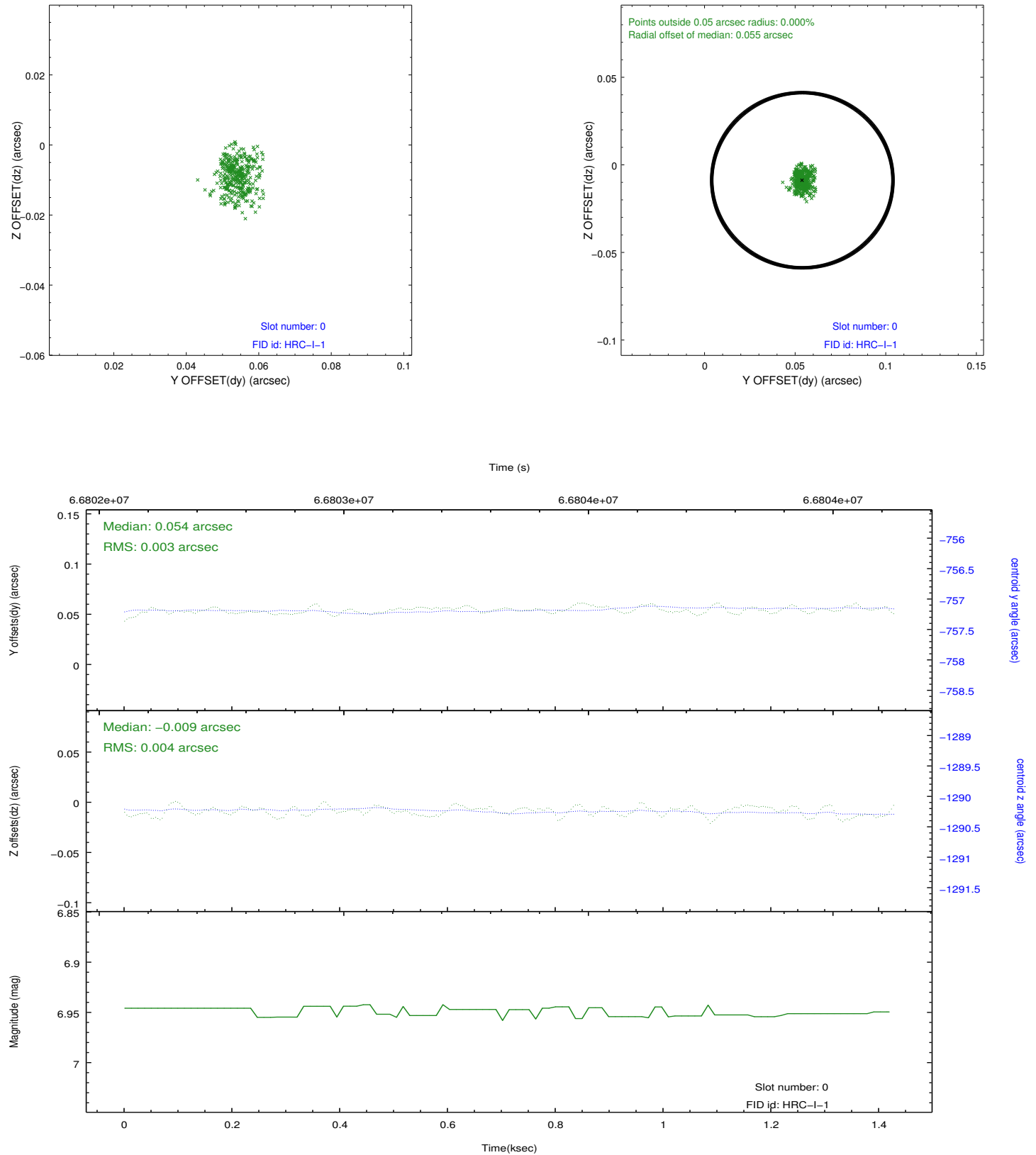


2.4.5 Slot 7

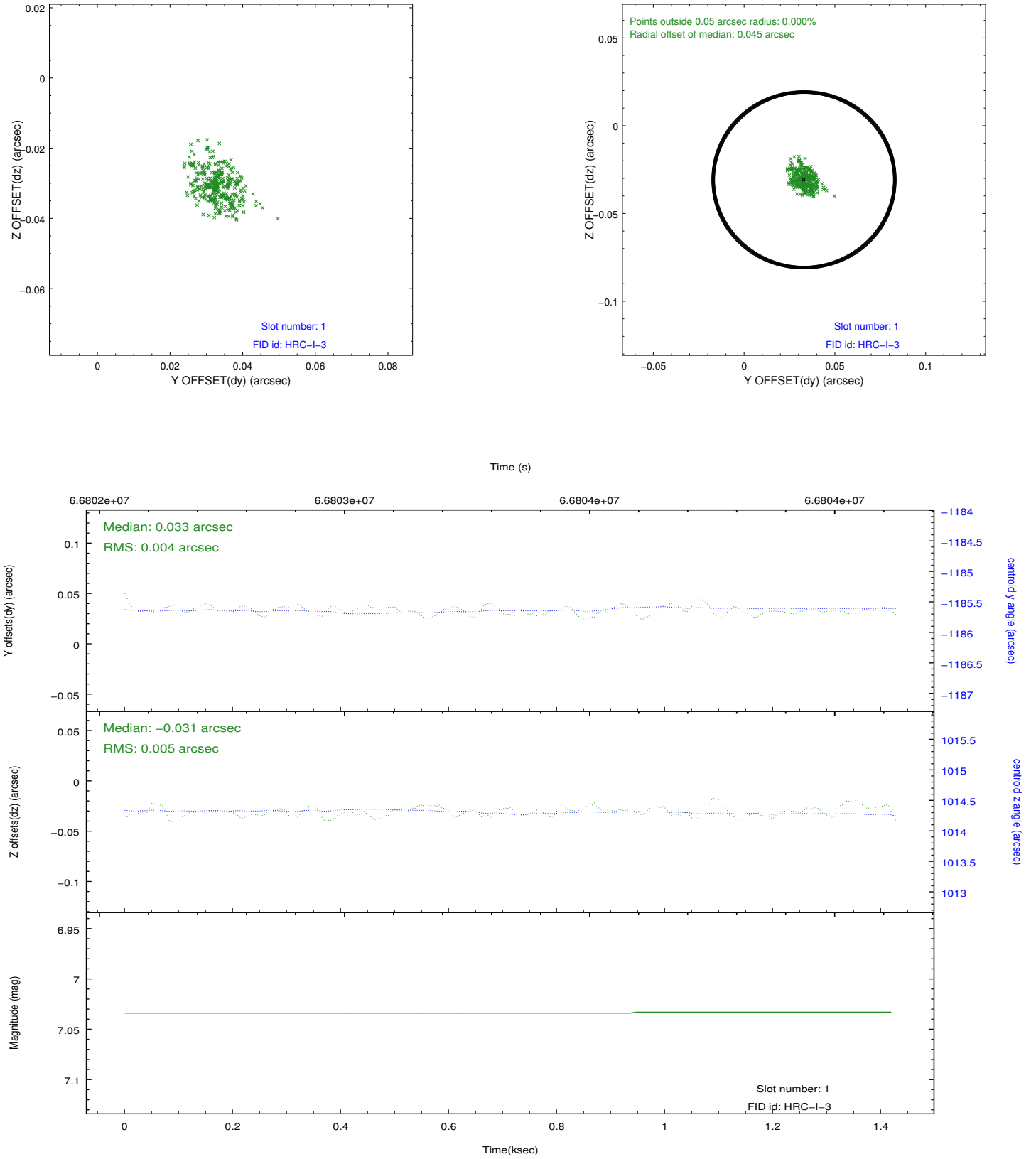


2.5 FID Slots

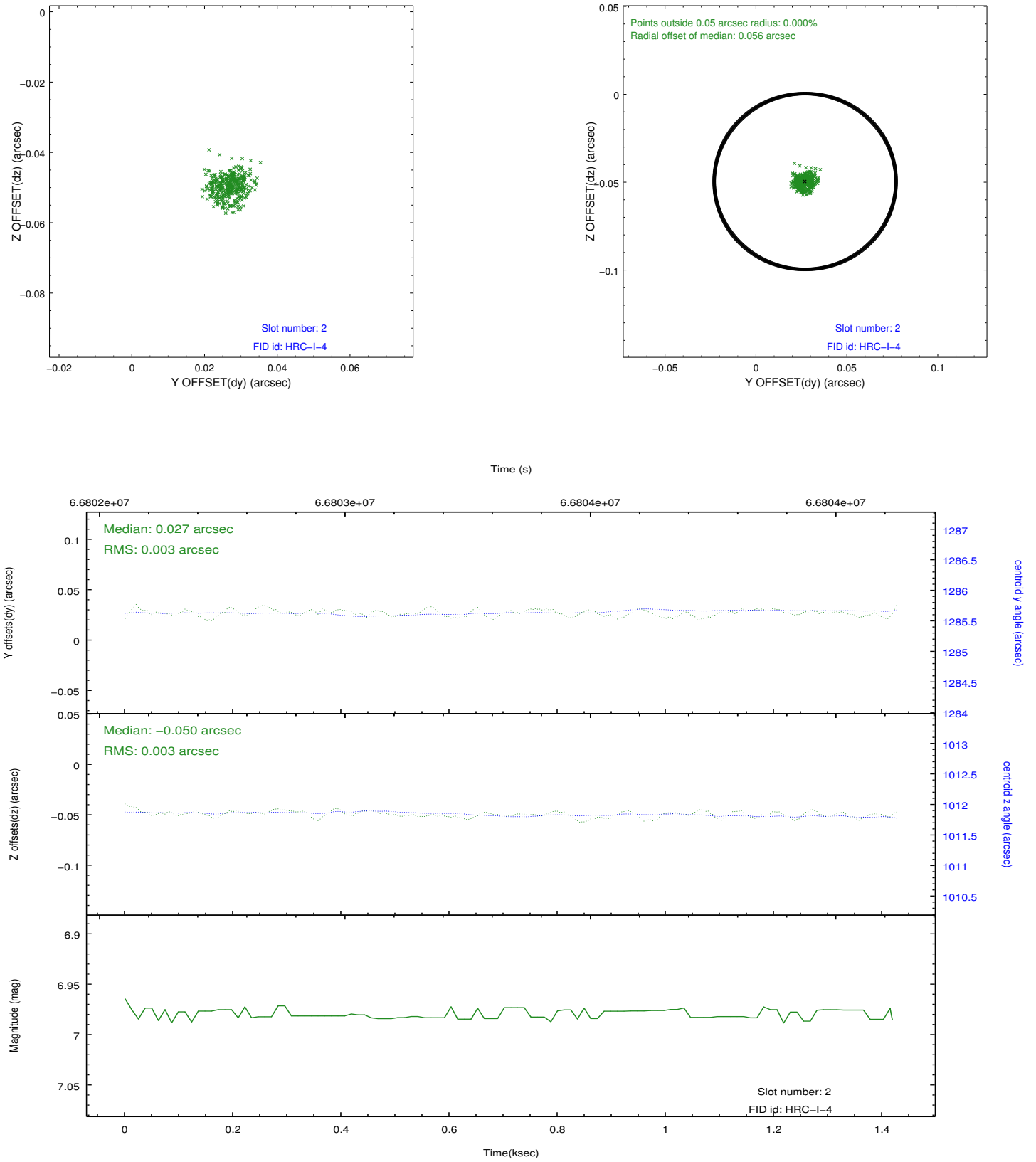
2.5.1 Slot 0



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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.428

A.2 Comments