

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 271 - L2 Version 6
Chandra X-Ray Center

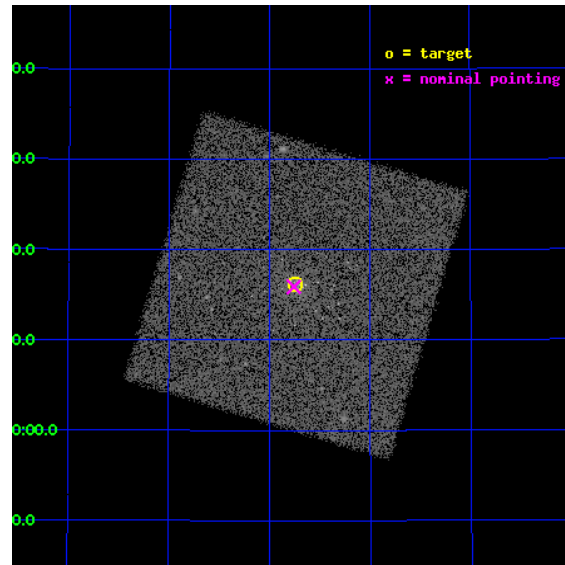
L2 Processing Date : Aug 24 2012

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1 Front

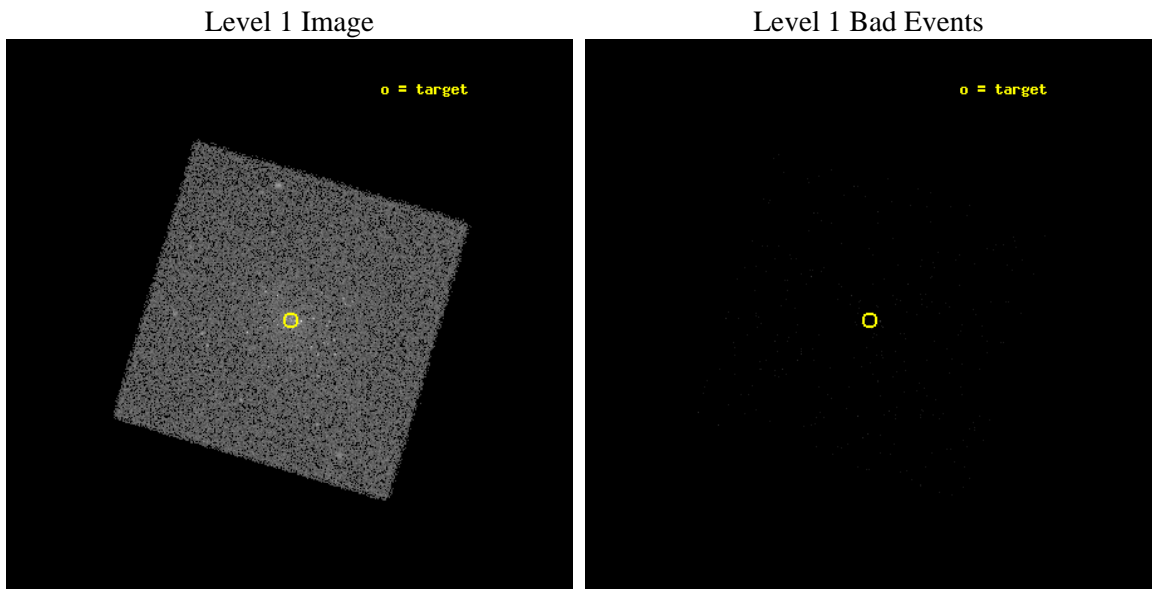
seq_num	600031	Sequence number
obs_id	271	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - CENTER	Source name
ra_targ	10.685	Observer's specified target RA [deg]
dec_targ	41.268972	Observer's specified target Dec [deg]
ra_nom	10.689257680127	Nominal RA [deg]
dec_nom	41.264917782475	Nominal Dec [deg]
roll_nom	331.70416983777	Nominal Roll [deg]
revision	6	Processing version of data
ontime	2477.6813405007	[s]
livetime	2463.8110633612	Ontime multiplied by DTCOR
l2events	69203	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	2477.6813405007	[s]
caldbver	4.5.1.1	 	l1events	117581	Number of level 1 events
date	2012-08-24T04:29:38	Date and time of file creation			
revision	6	Processing version of data			

2.1.3 Events

Level 1 Events

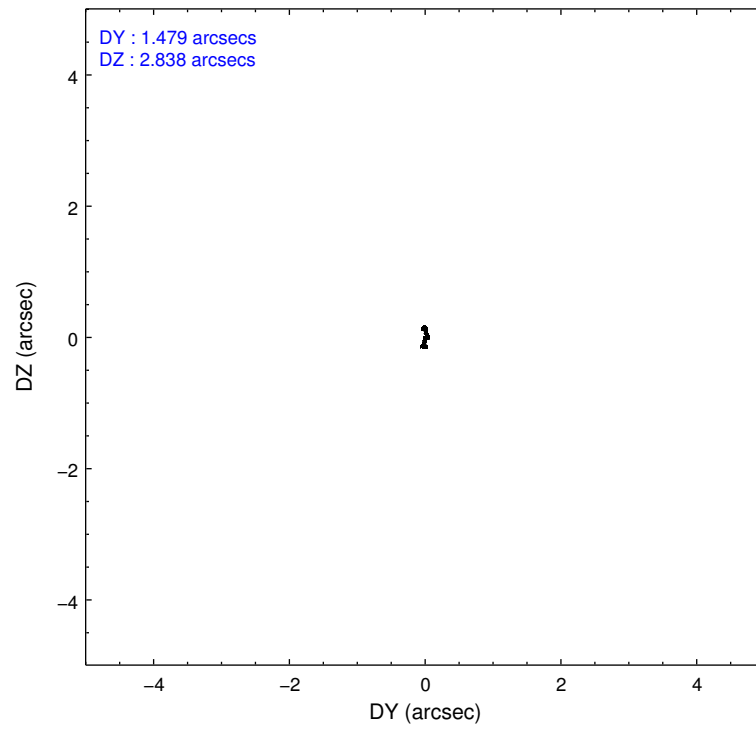
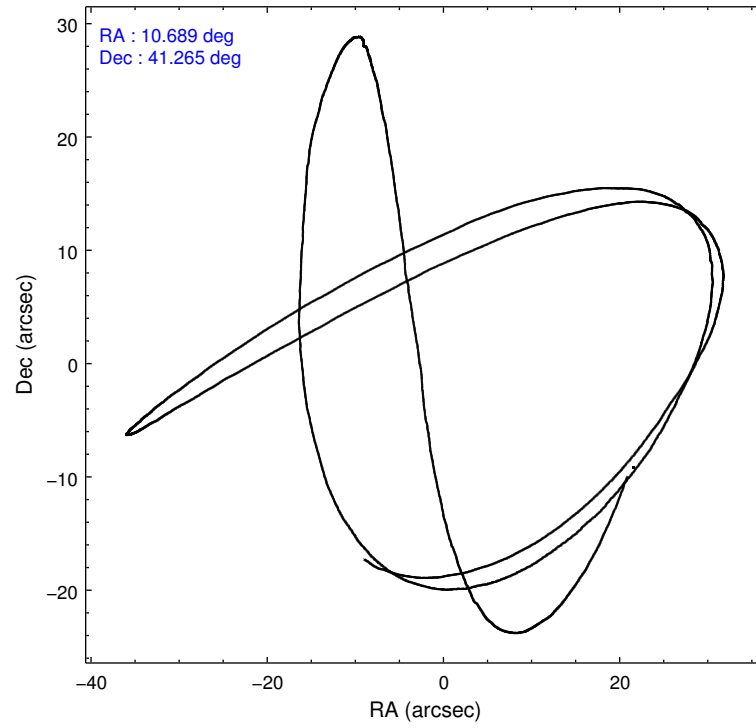
	segment 0
level 1 events	117581
rejected events	13481
rejected %	11%

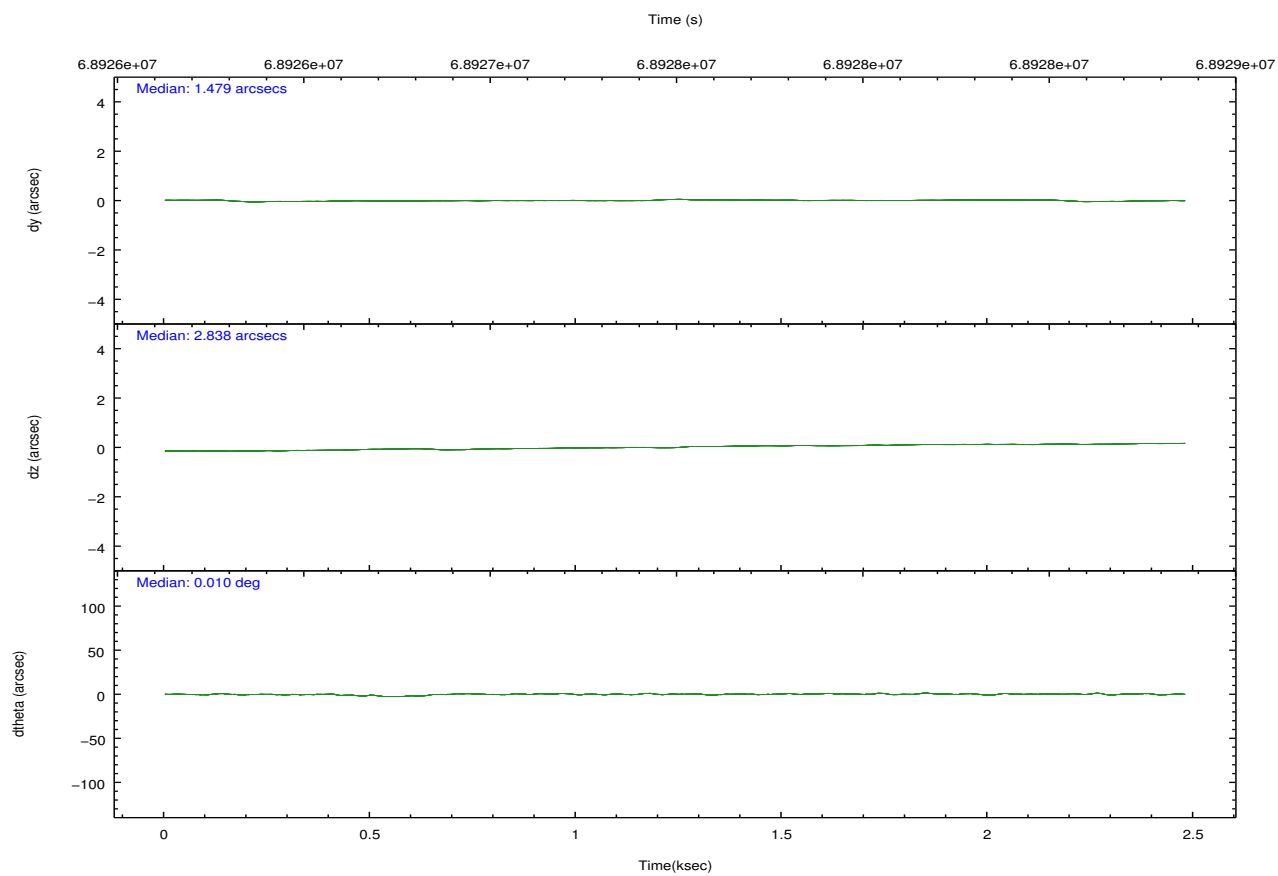
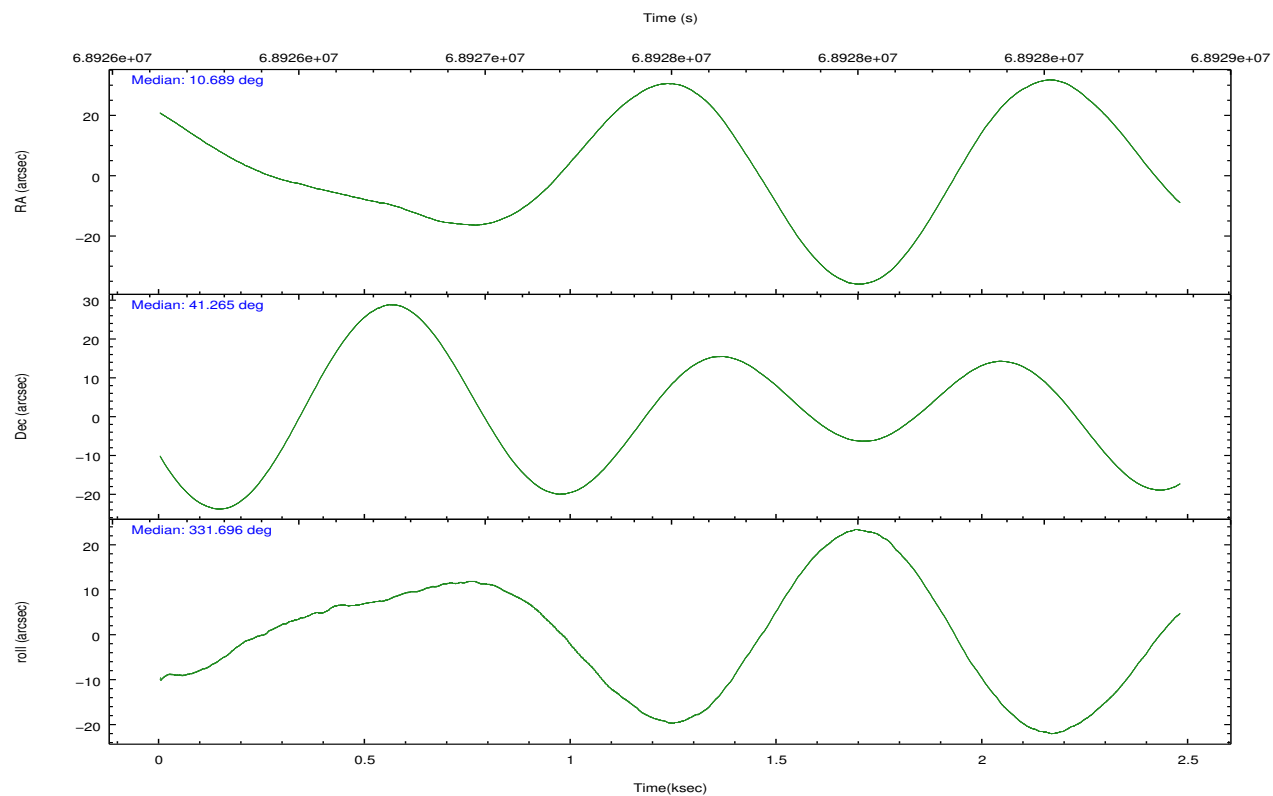
2.2 Compared Parameters

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	10.652487	10.68925768012692
[deg] Pointing Dec	41.264295	41.26491778247534
[deg] Pointing Roll	331.823926	331.7041698377708
[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)	68926738.184000	68926071.96488699
Observation start date	2000-03-08T18:17:54	2000-03-08T18:07:51
[s] Observation end time (MET)	68928738.184000	68928872.264989
Observation end date	2000-03-08T18:51:14	2000-03-08T18:54:32

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

2.3 Aspect



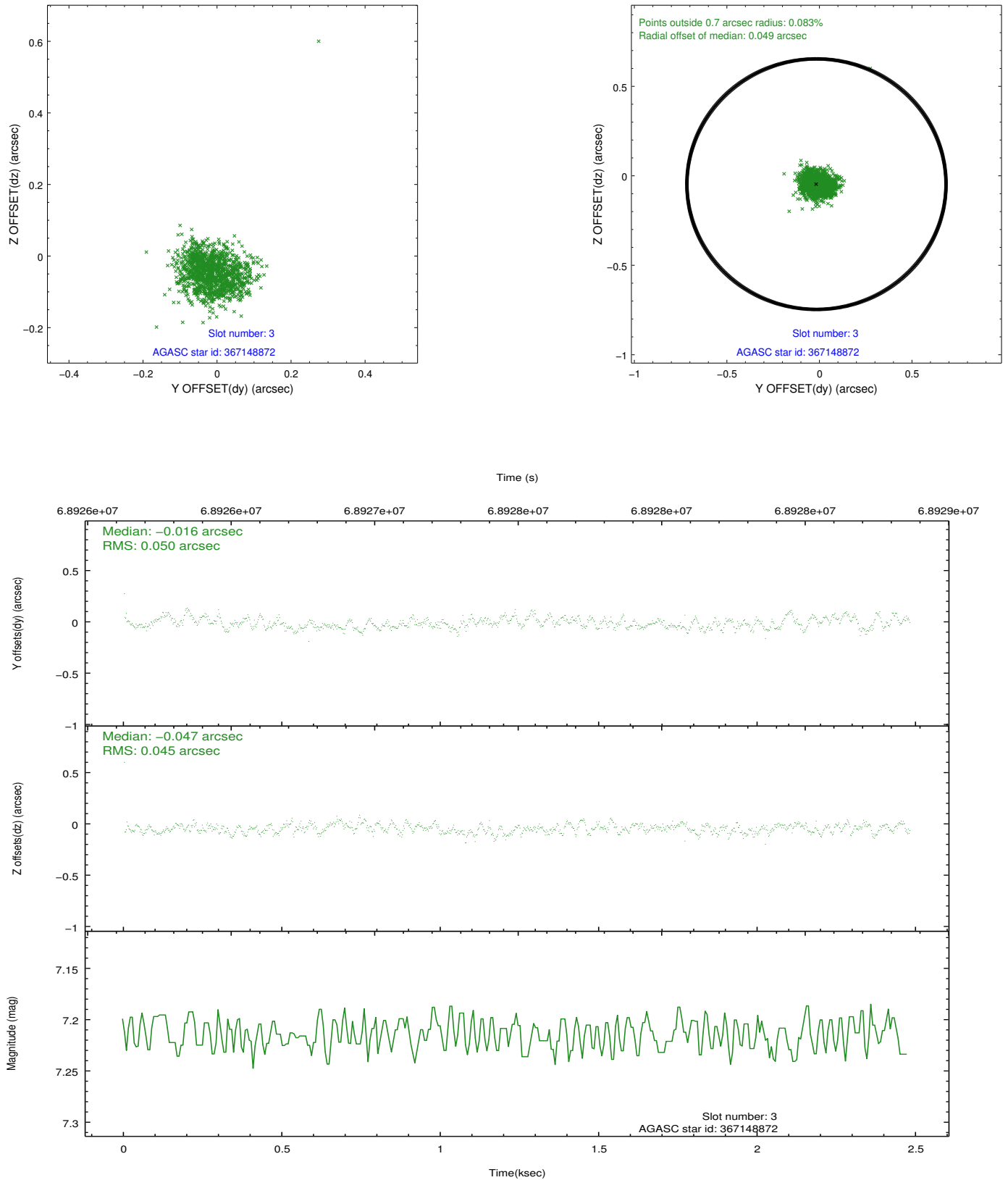


Slot Statistics

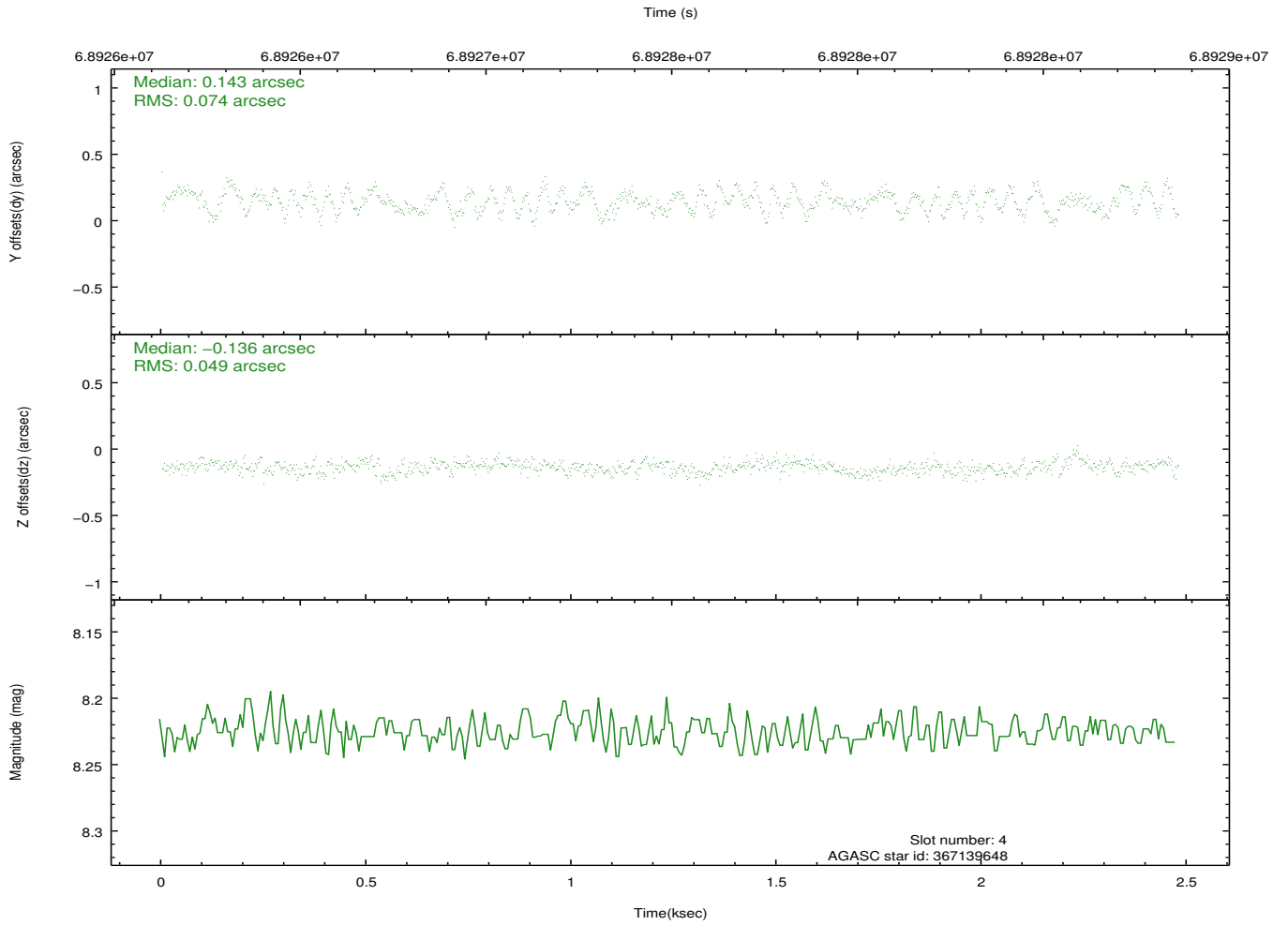
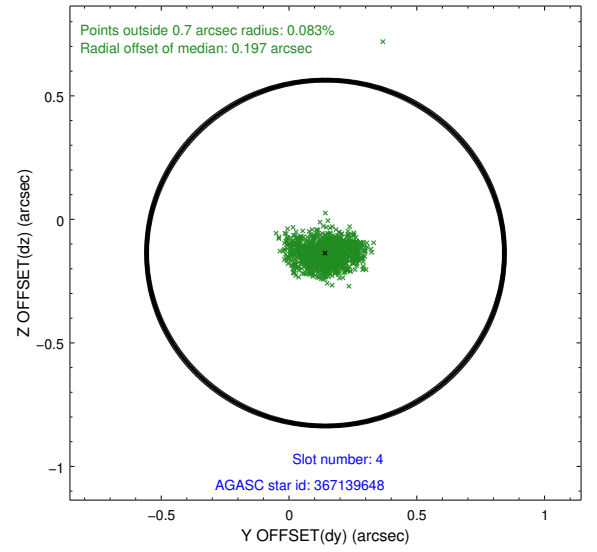
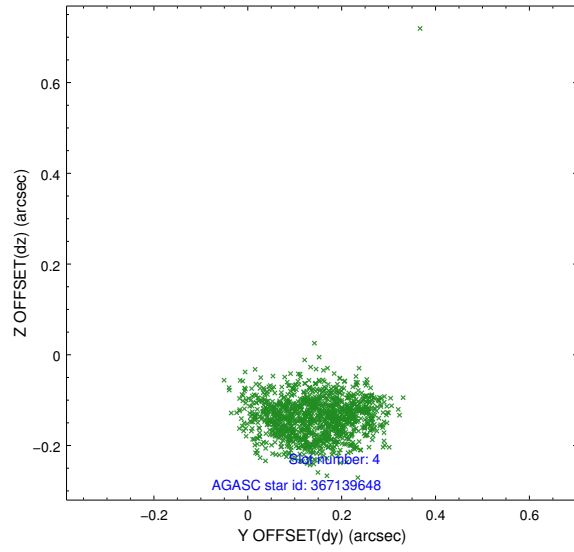
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.94	605	0.065	0.012	0.008	0.026	0.000000	0.000000	-756.88	-1290.59
1	FID	HRC-I-3	7.03	605	0.035	-0.038	0.008	0.035	0.000000	0.000000	-1186.60	1011.80
2	FID	HRC-I-4	6.98	605	0.015	-0.063	0.005	0.018	0.000000	0.000000	1283.96	1013.12
3	GUIDE	367148872	7.21	1210	-0.016	-0.047	0.069	0.108	10.505940	40.688258	625.52	-2015.78
4	GUIDE	367139648	8.23	1210	0.143	-0.136	0.091	0.144	11.021290	40.433909	2301.29	-2156.84
5	GUIDE	367671800	9.42	1210	-0.075	0.006	0.108	0.169	10.554735	41.964935	-1421.43	2098.83
6	GUIDE	367674552	8.85	1210	-0.036	0.079	0.079	0.125	11.016238	41.570845	338.95	1439.87
7	GUIDE	367665472	9.48	1208	-0.013	0.103	0.099	0.154	10.241611	41.730843	-1768.42	963.44

2.4 Star Slots

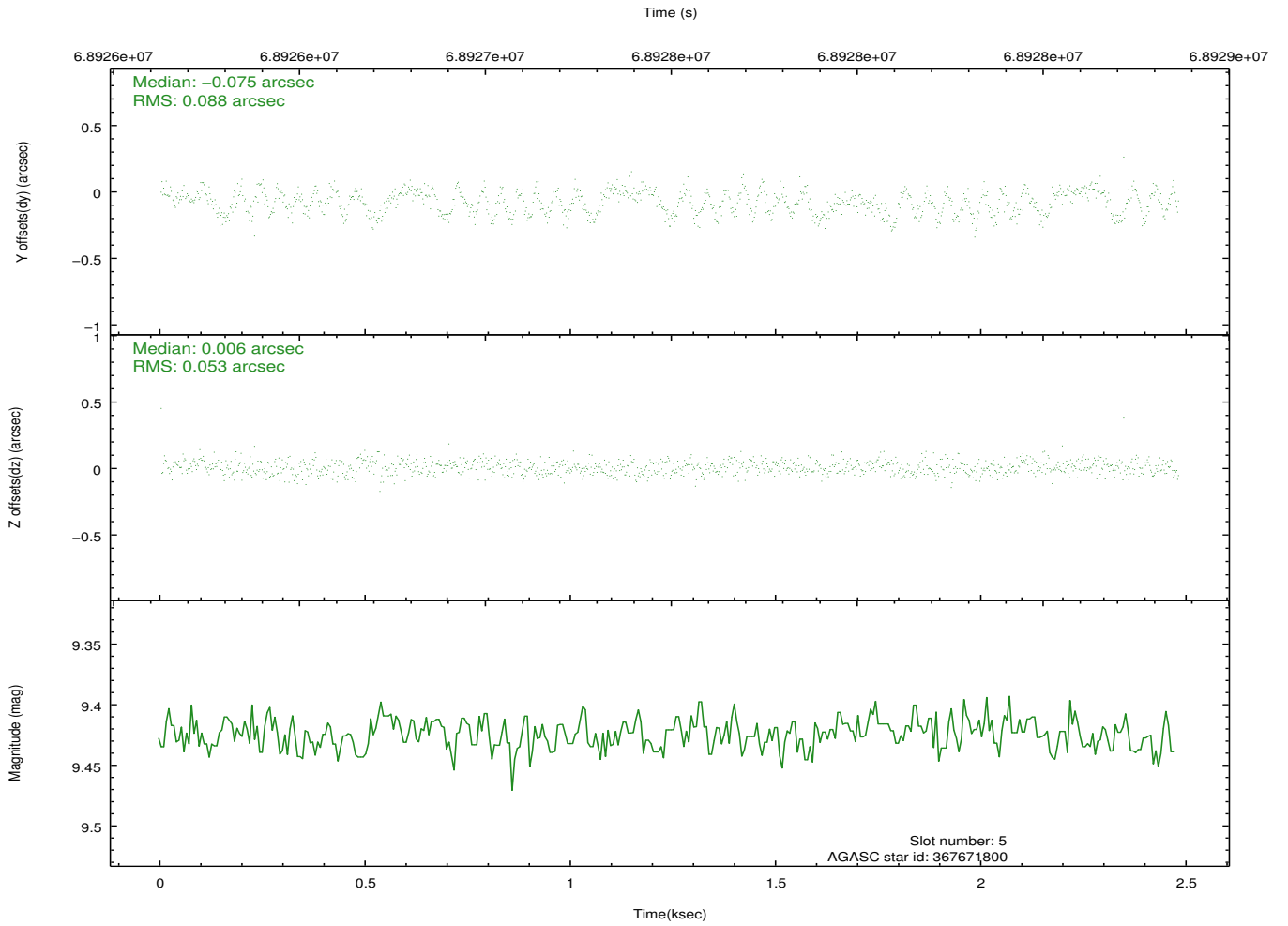
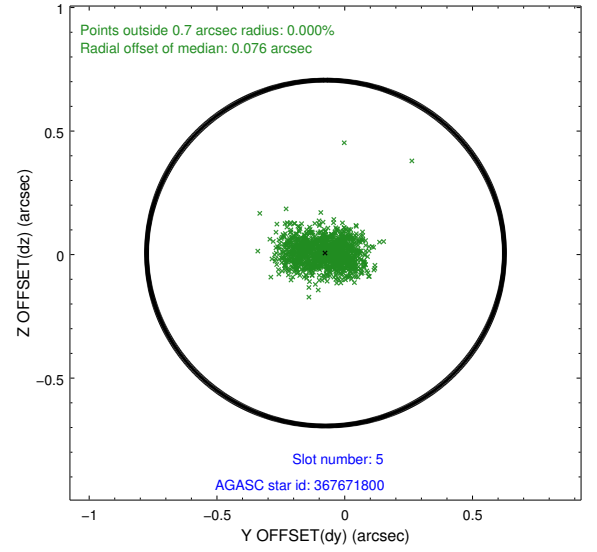
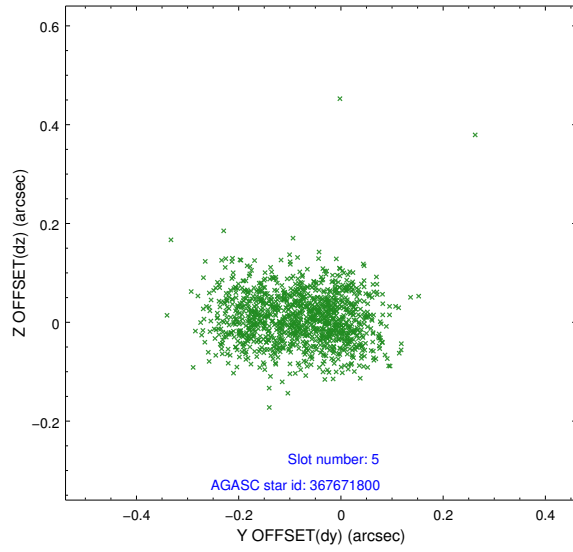
2.4.1 Slot 3



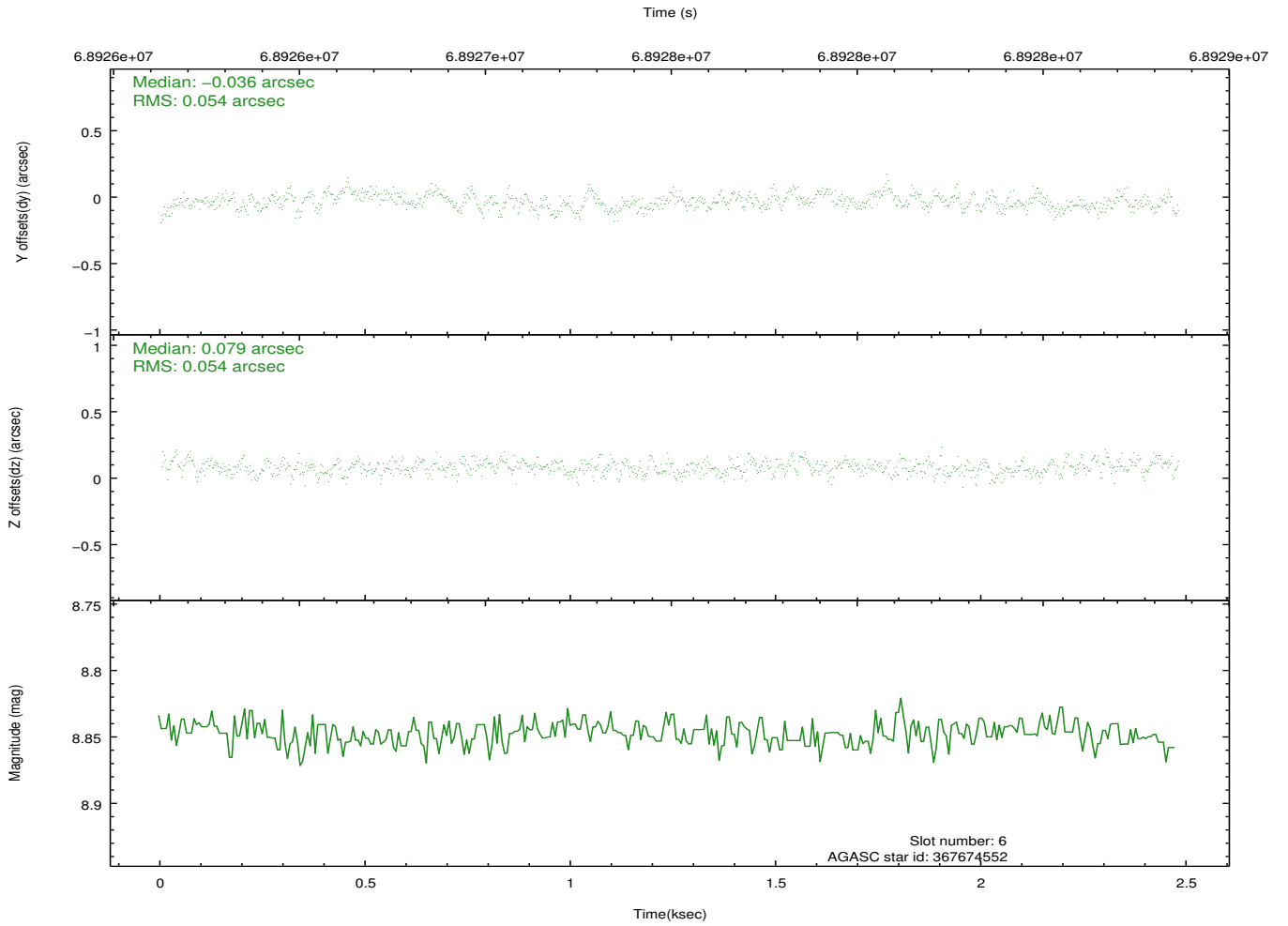
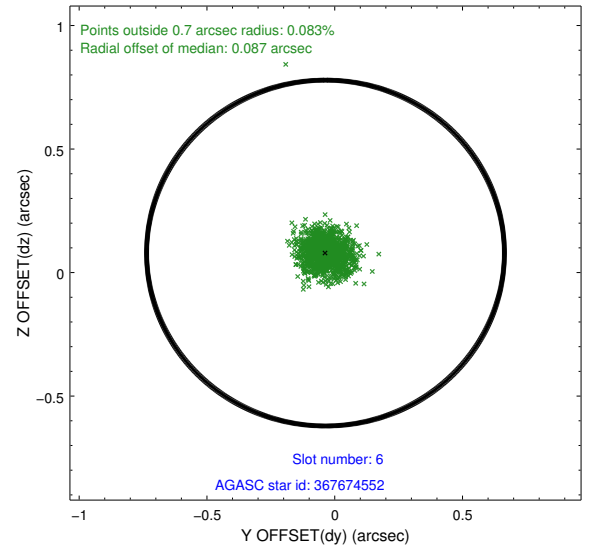
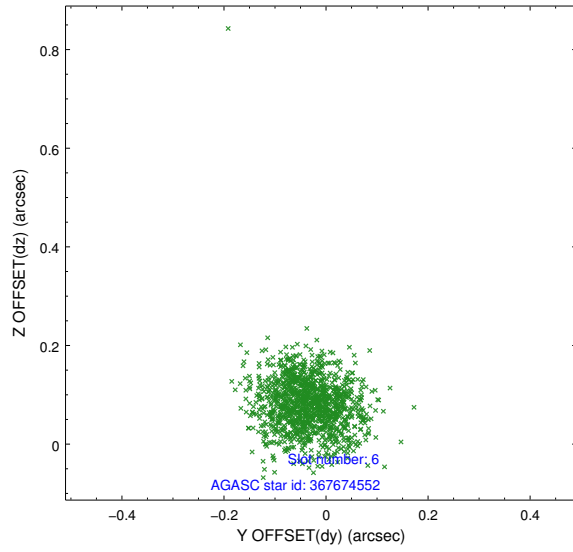
2.4.2 Slot 4



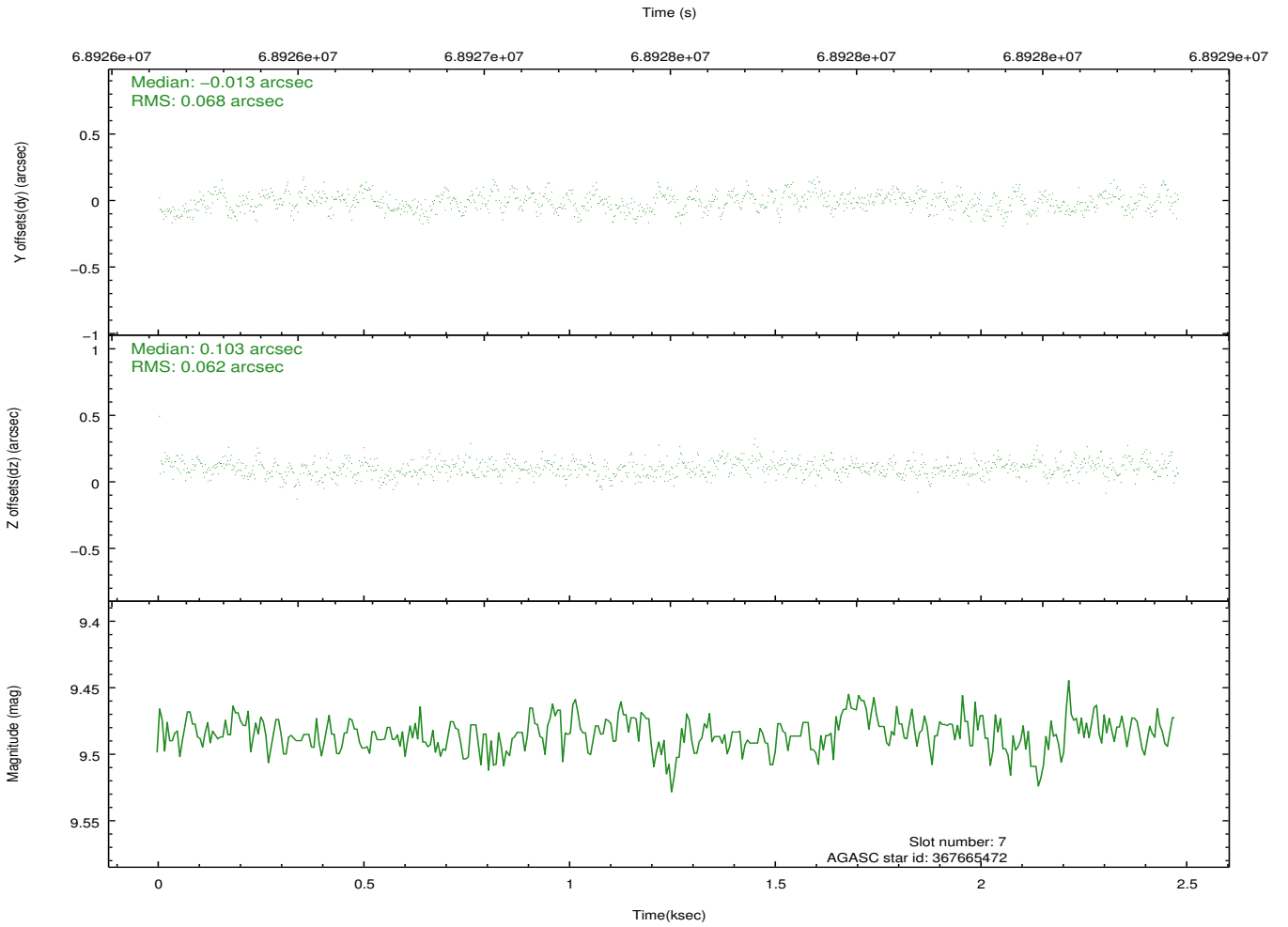
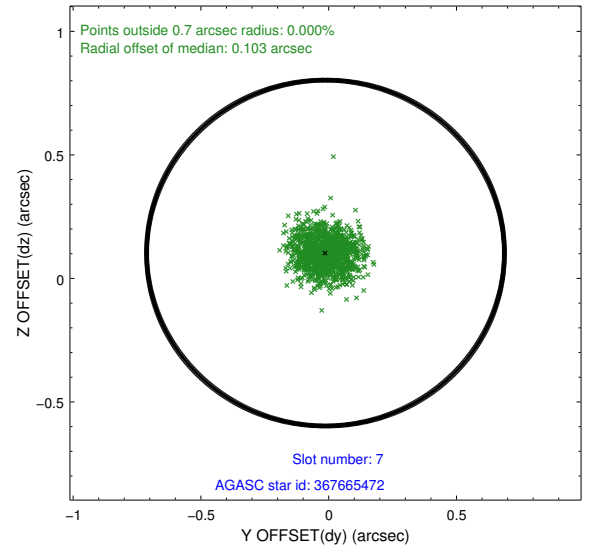
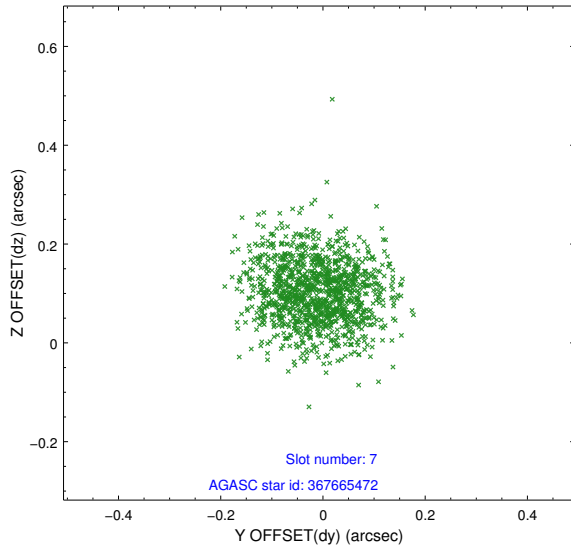
2.4.3 Slot 5



2.4.4 Slot 6

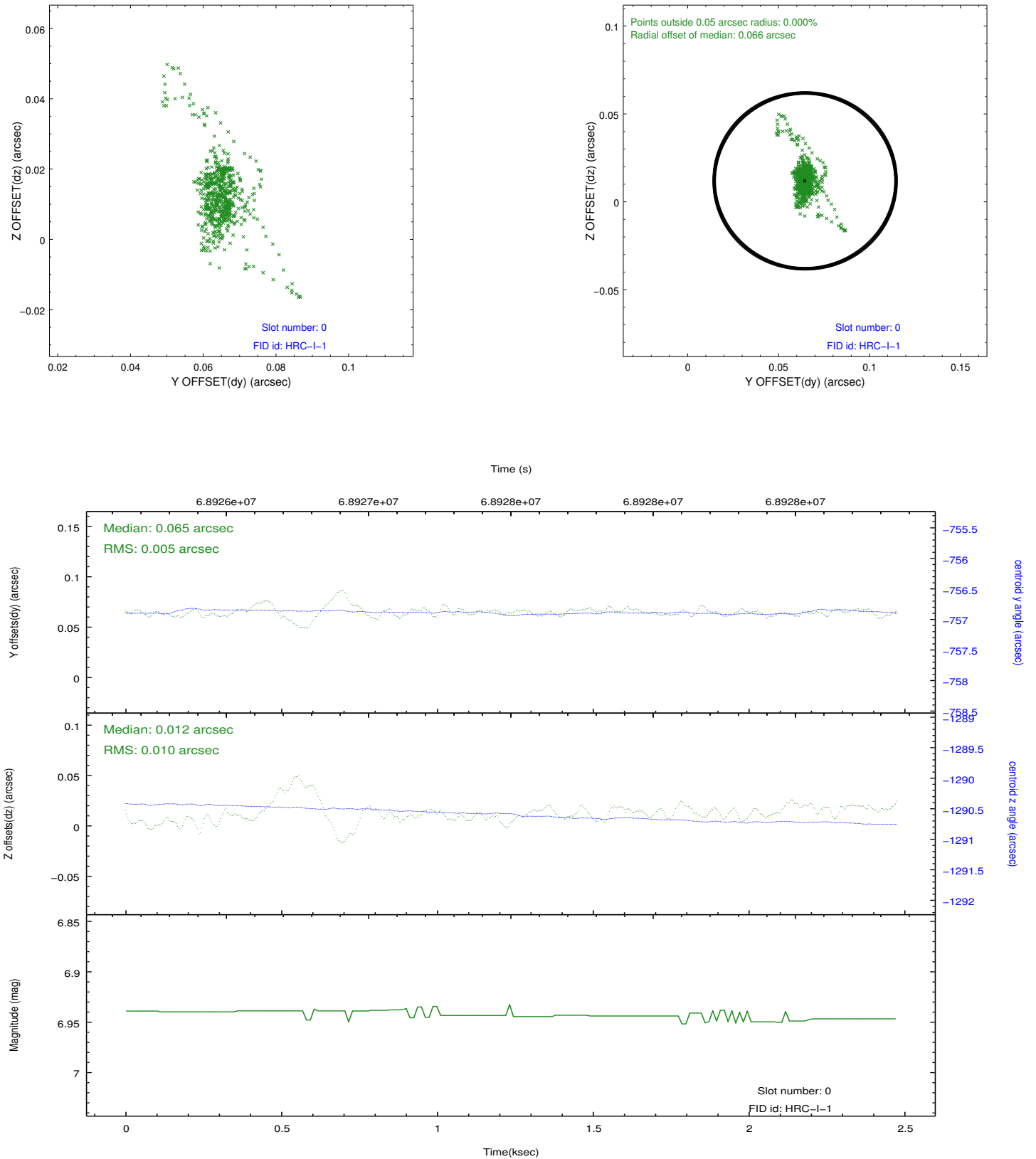


2.4.5 Slot 7

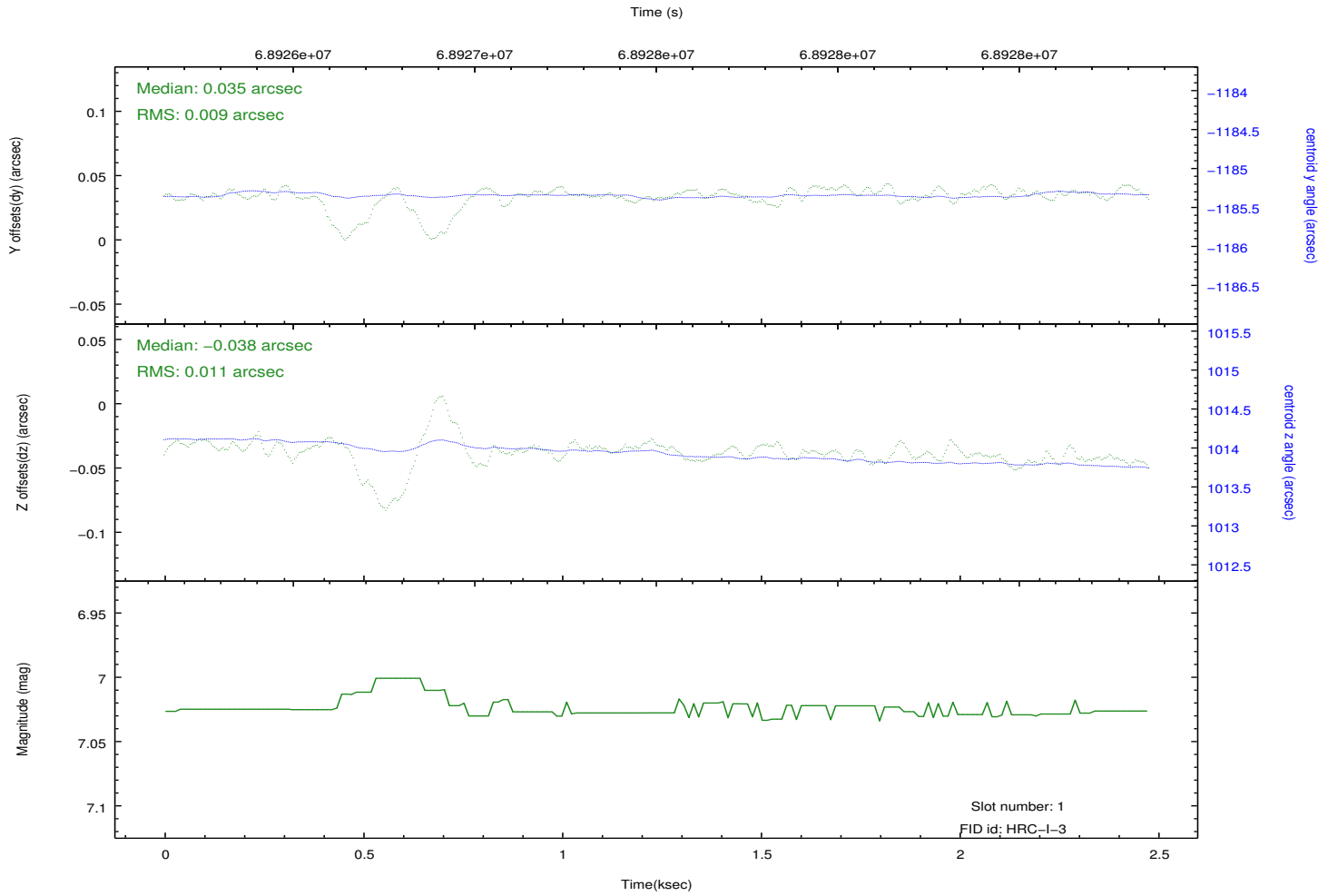
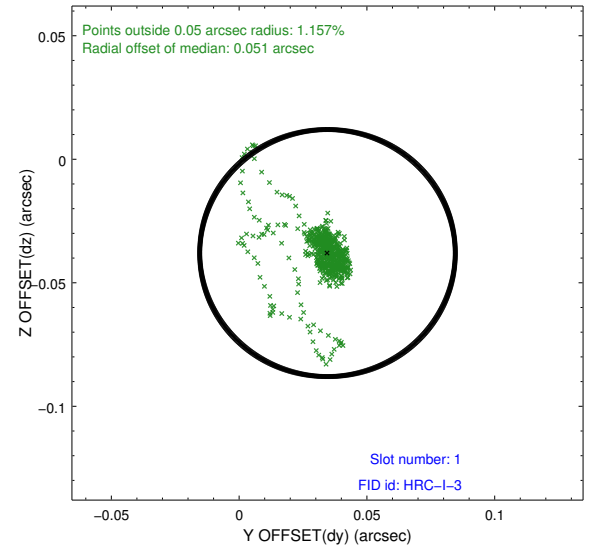
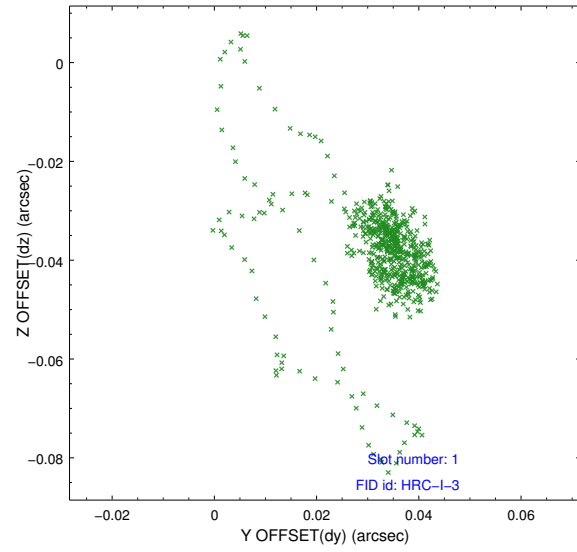


2.5 FID Slots

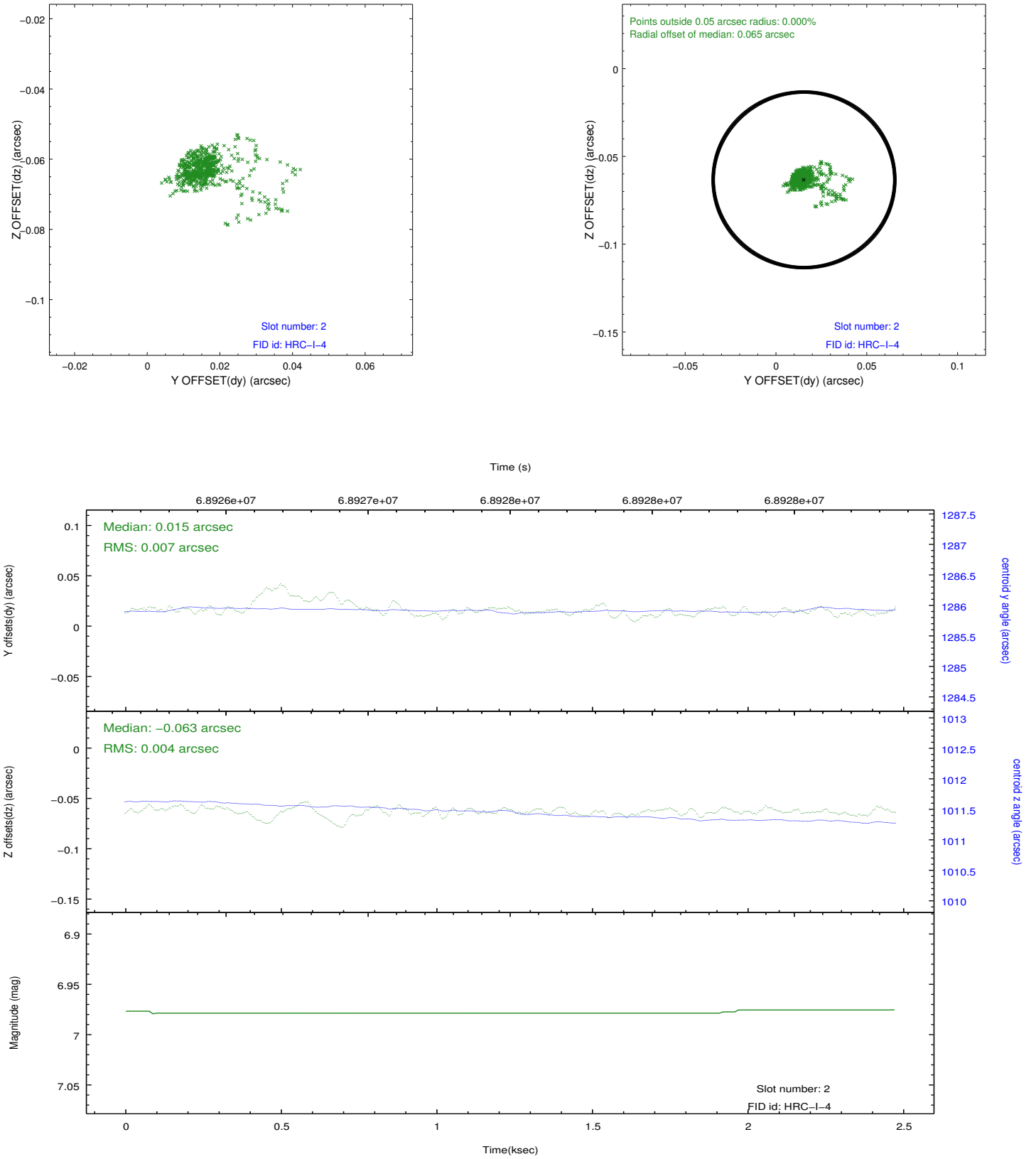
2.5.1 Slot 0



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	2.478

A.2 Comments