

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9584 - L2 Version 4
Chandra X-Ray Center

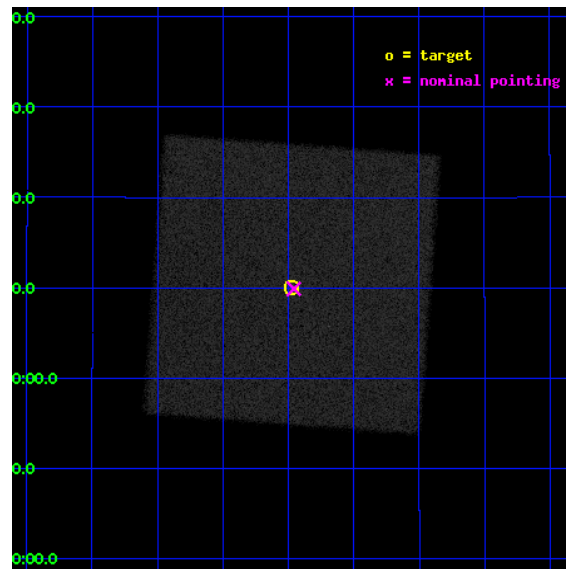
L2 Processing Date : Aug 11 2012

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1 Front

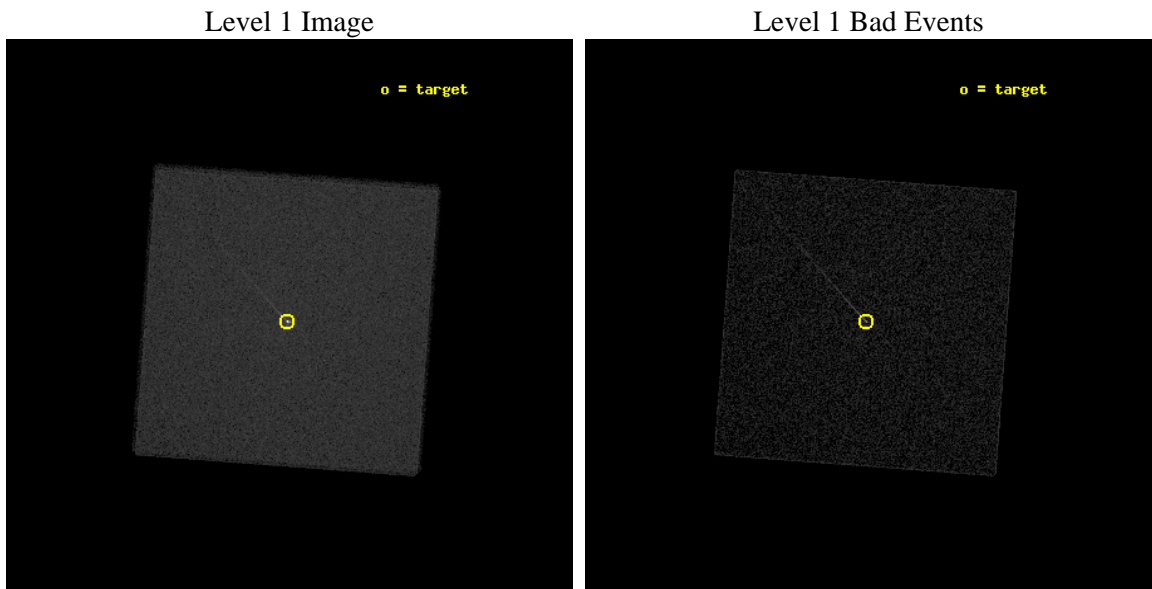
seq_num	400928	Sequence number
obs_id	9584	Observation id
title	Which M15 X-ray Source Brightened?	Proposal title
observer	Prof. Craig Heinke	Principal investigator
object	M15	Source name
ra_targ	322.493333	Observer's specified target RA [deg]
dec_targ	12.166833	Observer's specified target Dec [deg]
ra_nom	322.48937966022	Nominal RA [deg]
dec_nom	12.164880522233	Nominal Dec [deg]
roll_nom	229.25801204341	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2184.531355083	[s]
livetime	2149.3621486668	Ontime multiplied by DTCOR
l2events	215981	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	2184.531355083	[s]
caldbver	4.5.1.1	 	l1events	531069	Number of level 1 events
date	2012-08-12T00:50:23	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

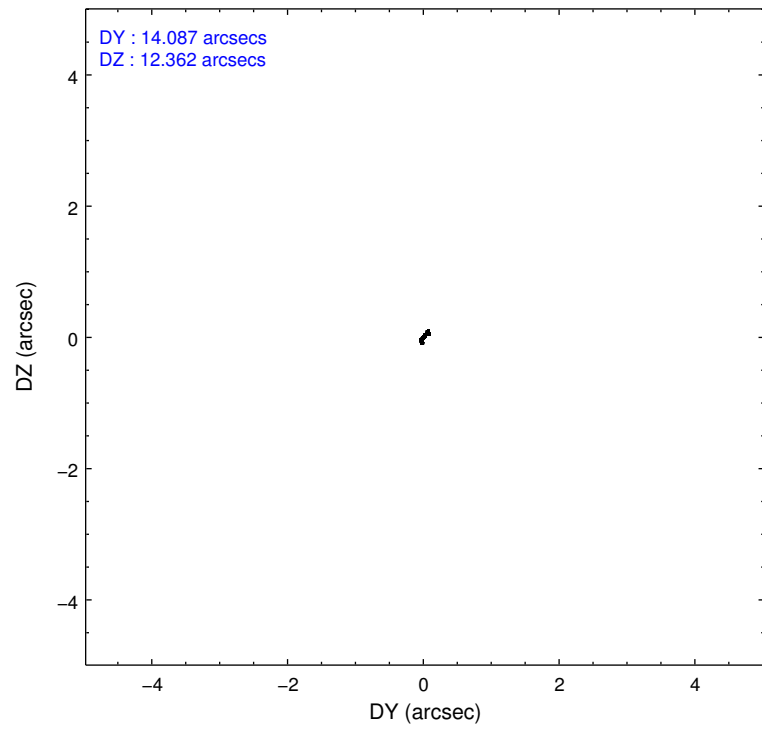
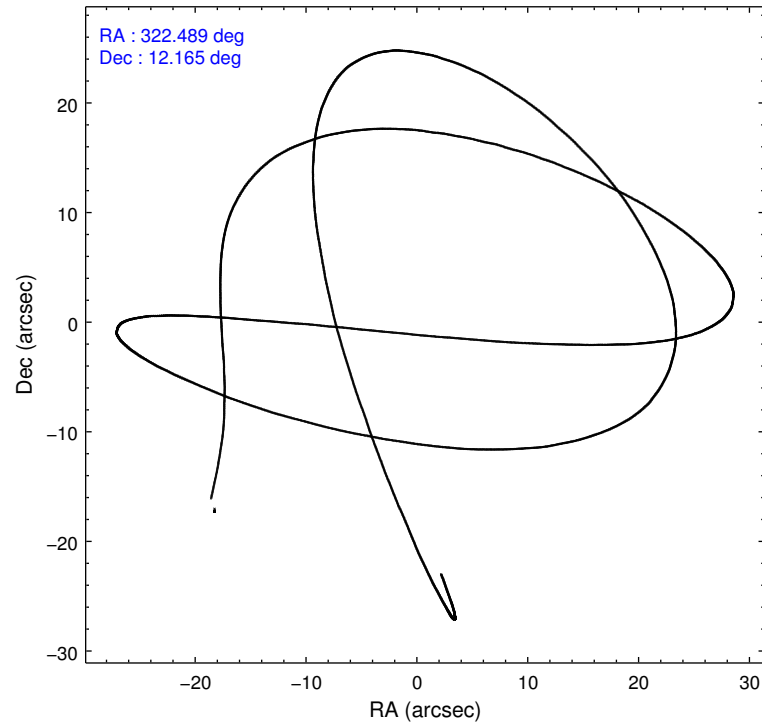
Level 1 Events

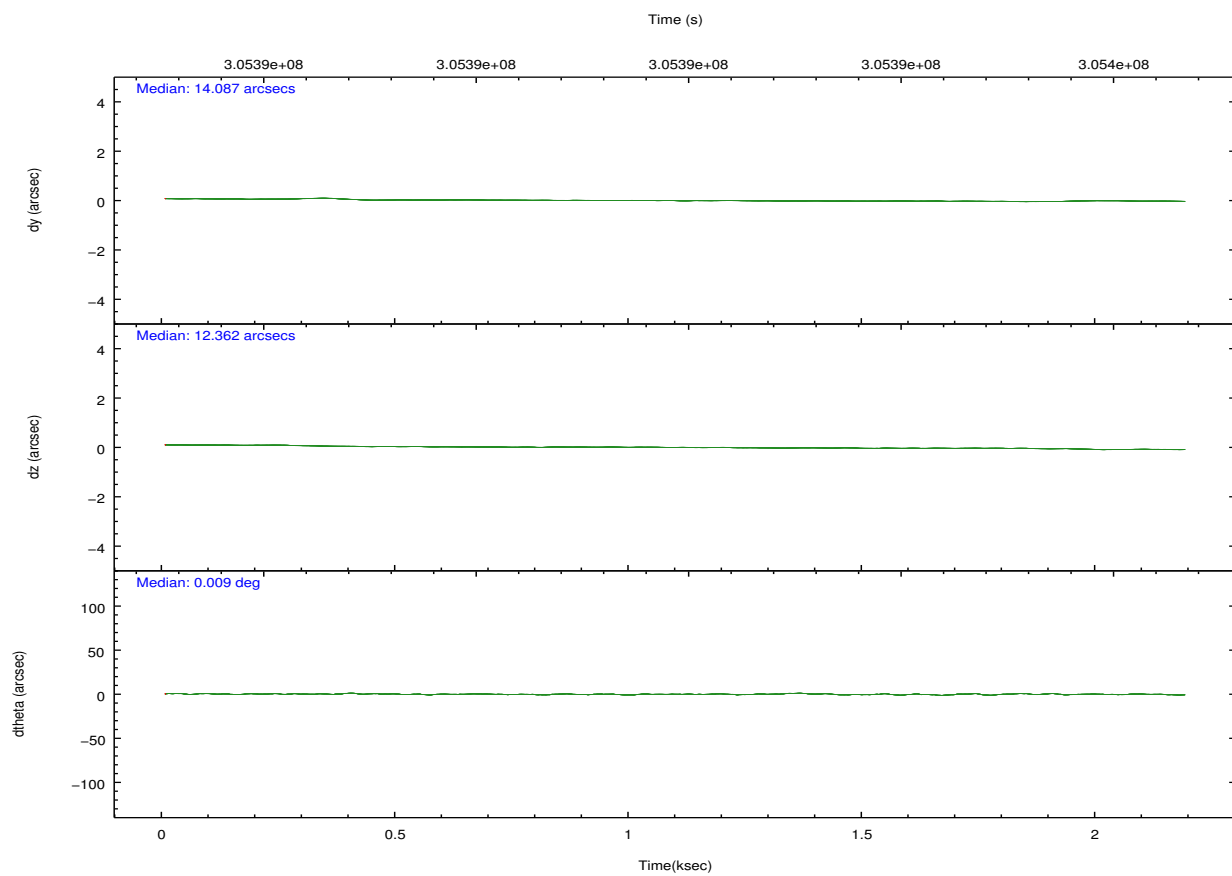
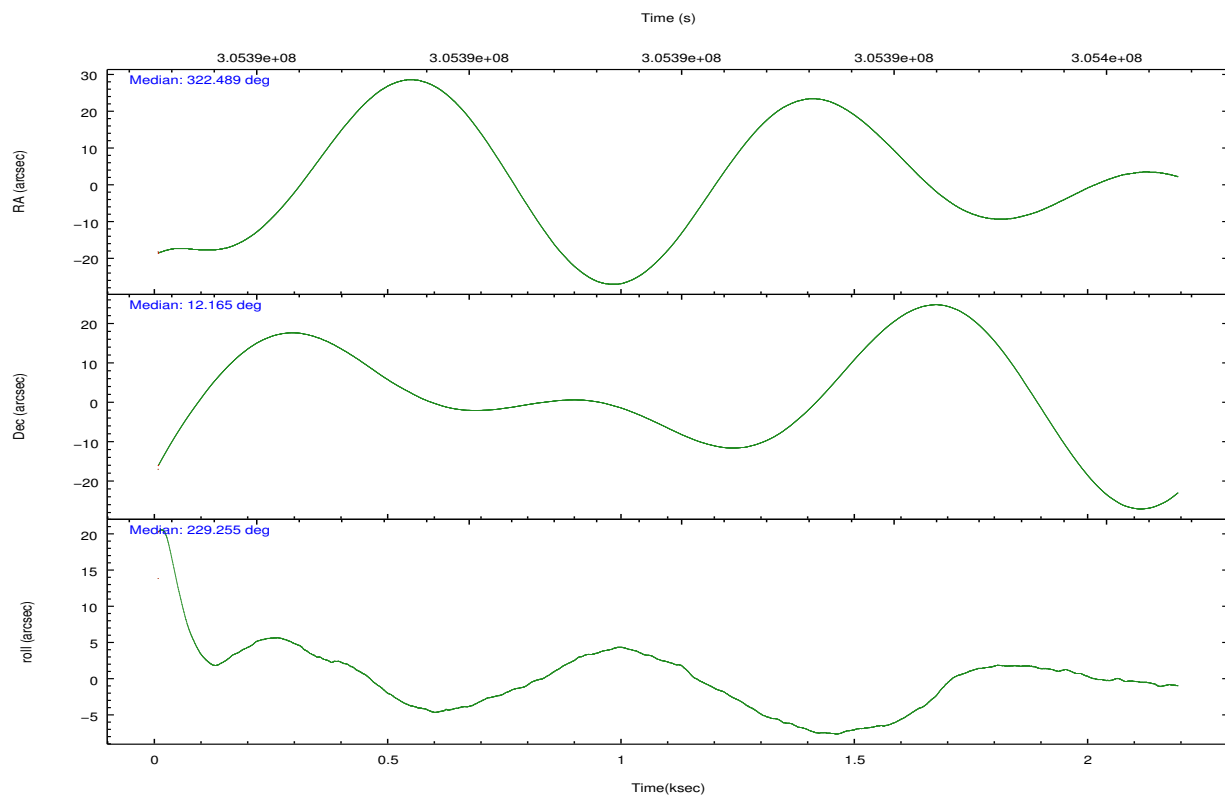
	segment 0
level 1 events	531069
rejected events	237701
rejected %	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	322.494057	322.489379660217			
[deg] Pointing Dec	12.191712	12.1648805222327			
[deg] Pointing Roll	229.352392	229.2580120434092			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9804656746847			
[mm] SIM translation stage offset	0	0.005023216916882234			
[s] Observation start time (MET)	305393057.184000	305391775.57601			
Observation start date	2007-09-05T15:23:12	2007-09-05T15:02:55			
[s] Observation end time (MET)	305395057.184000	305396433.17623			
Observation end date	2007-09-05T15:56:32	2007-09-05T16:20:33			

2.3 Aspect



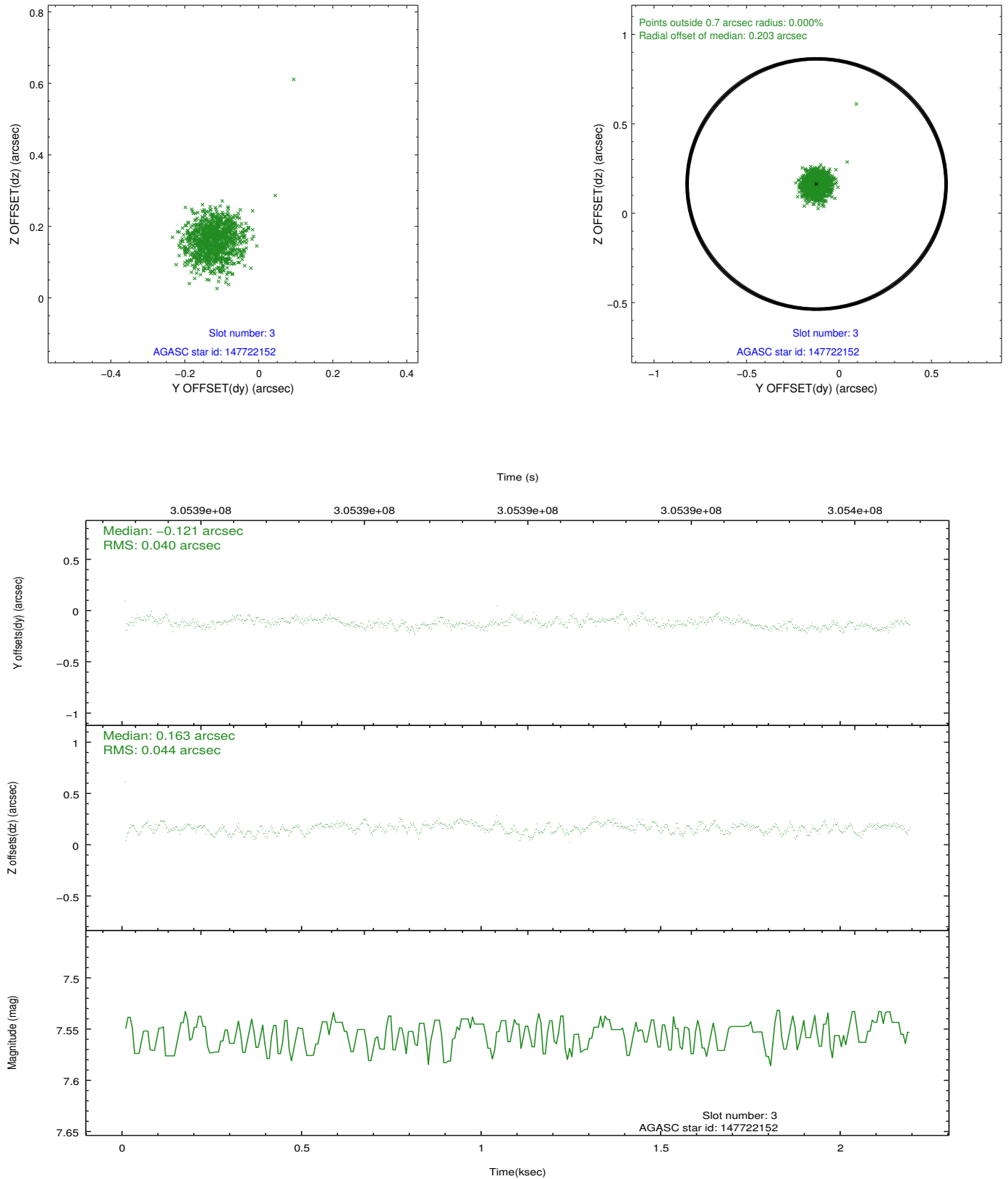


Slot Statistics

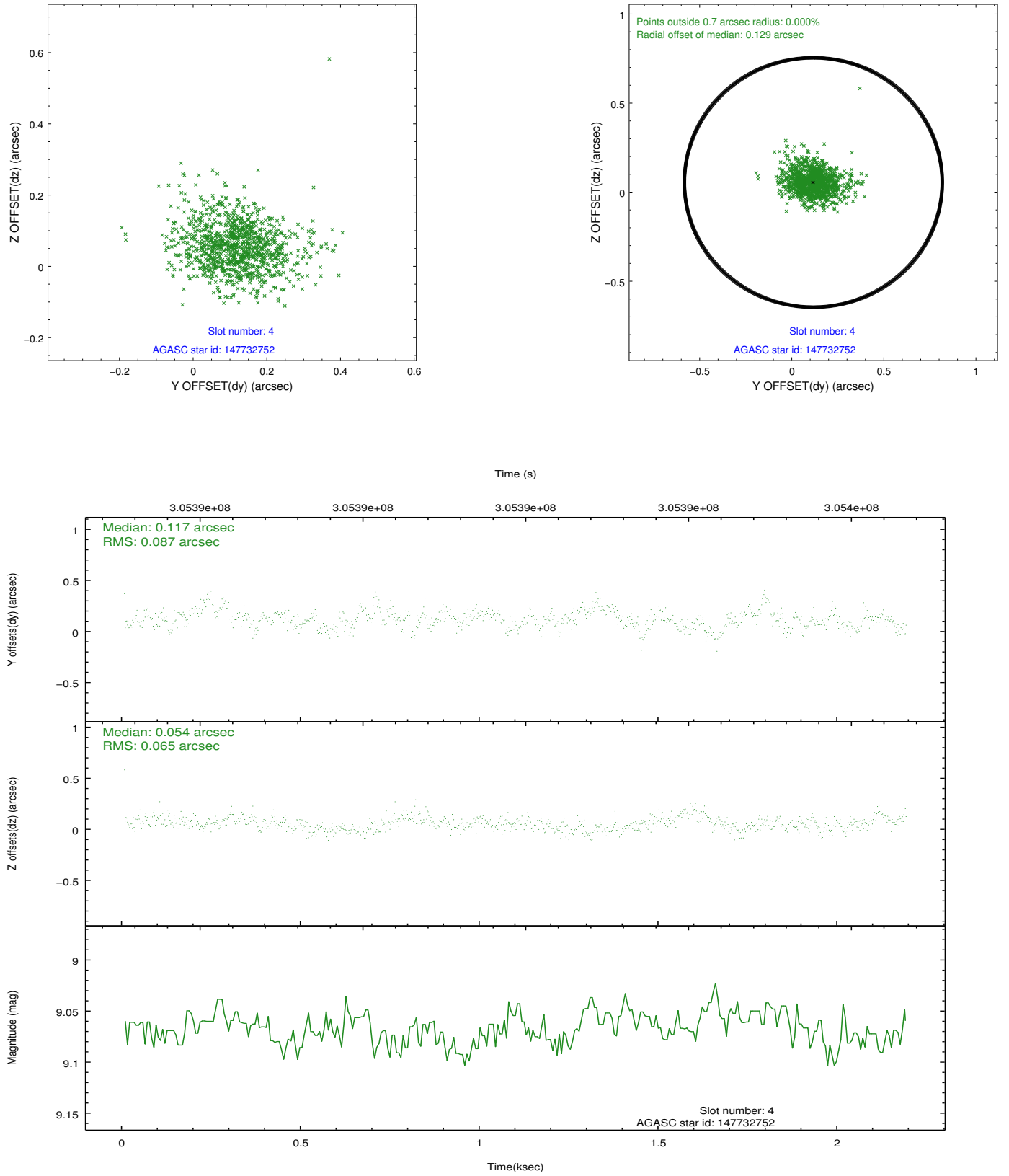
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	534	-0.062	0.007	0.007	0.012	0.000000	0.000000	-769.94	-1300.31
1	FID	HRC-I-2	7.03	534	0.241	-0.152	0.006	0.011	0.000000	0.000000	841.55	-1304.47
2	FID	HRC-I-3	7.09	534	-0.060	0.055	0.006	0.010	0.000000	0.000000	-1196.84	1001.86
3	GUIDE	147722152	7.55	1067	-0.121	0.163	0.063	0.095	322.735072	12.555367	-1545.18	-209.80
4	GUIDE	147732752	9.07	1066	0.117	0.054	0.113	0.195	321.797195	11.999048	2121.36	-1411.44
5	GUIDE	147733944	9.43	1064	0.062	-0.036	0.114	0.197	322.398395	12.904544	-1725.99	-1927.24
6	GUIDE	147735328	8.66	1066	-0.002	0.051	0.082	0.135	321.823462	12.214663	1470.82	-1847.07
7	GUIDE	147735992	6.96	1066	-0.057	-0.239	0.070	0.106	322.299566	11.952911	1099.88	39.45

2.4 Star Slots

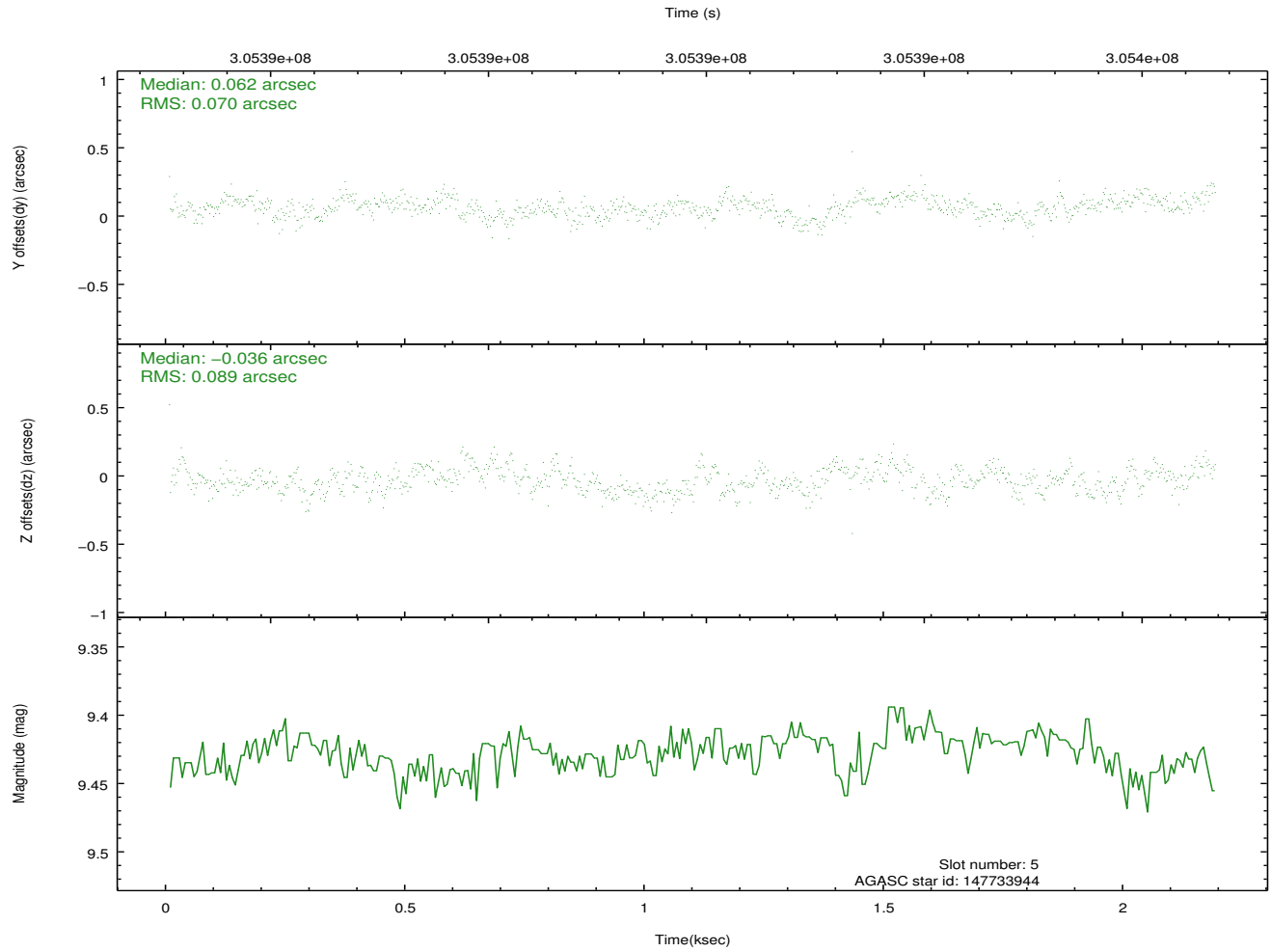
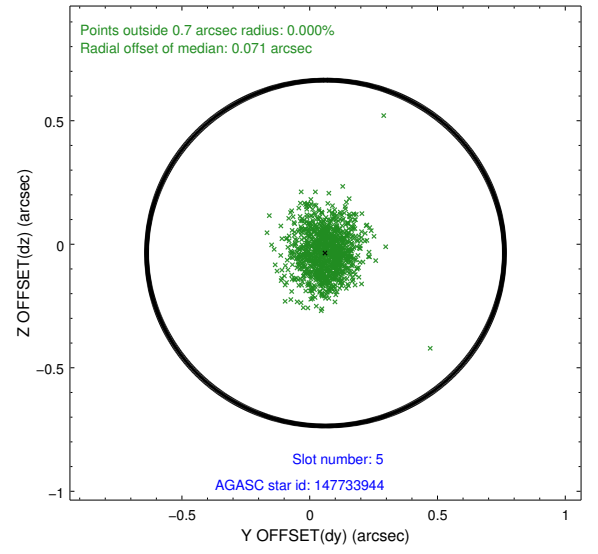
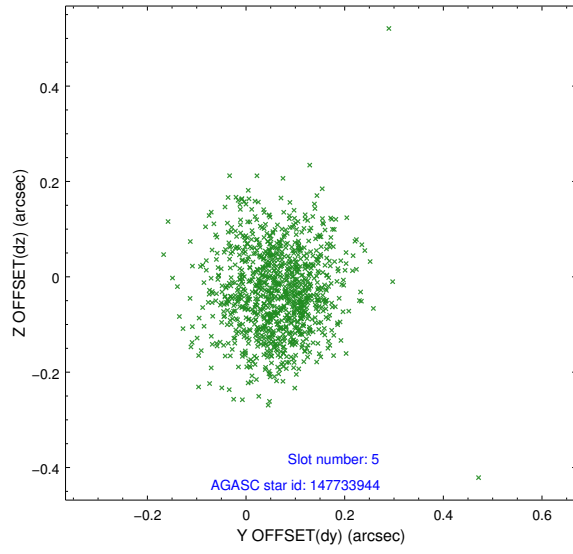
2.4.1 Slot 3



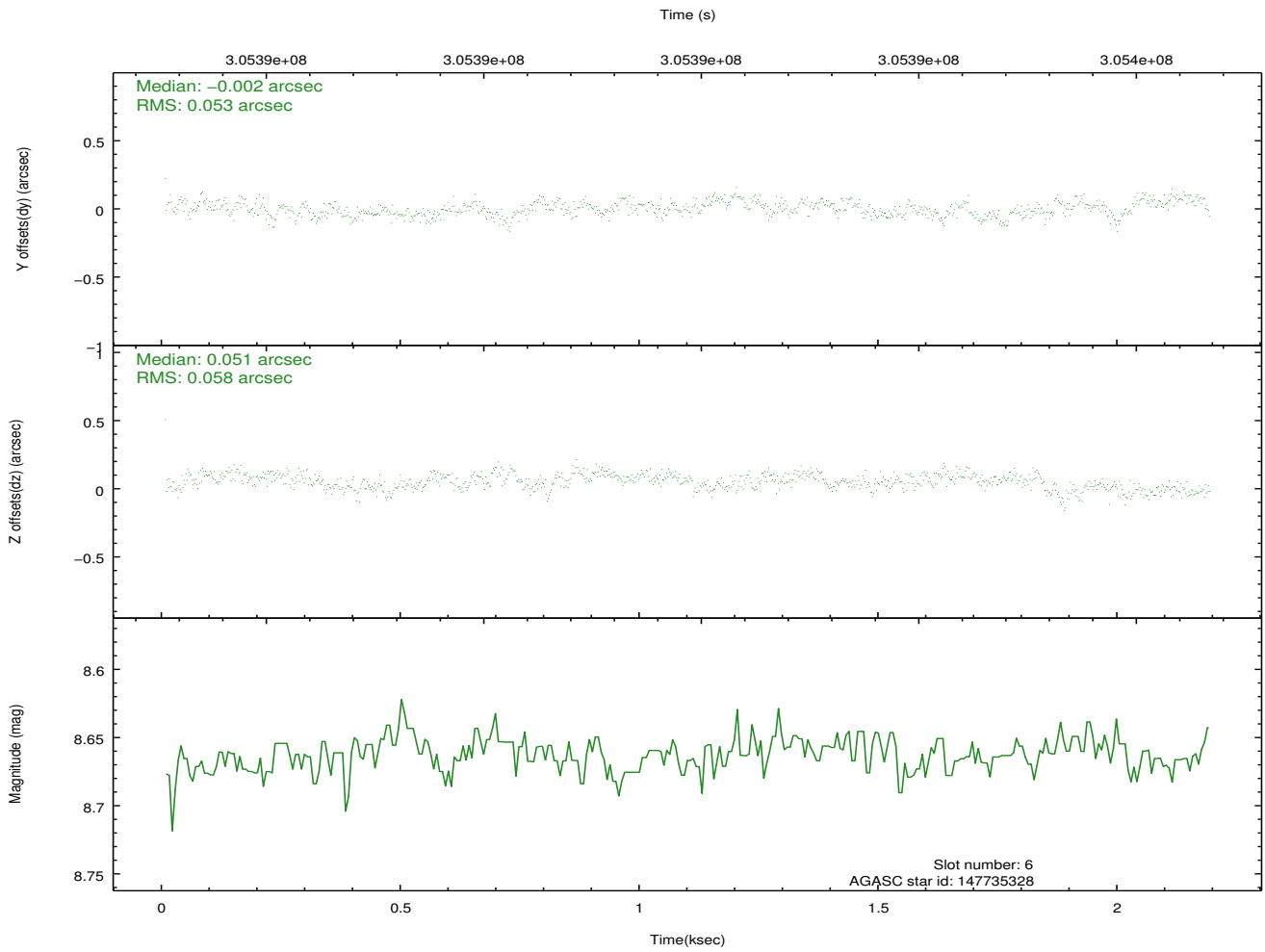
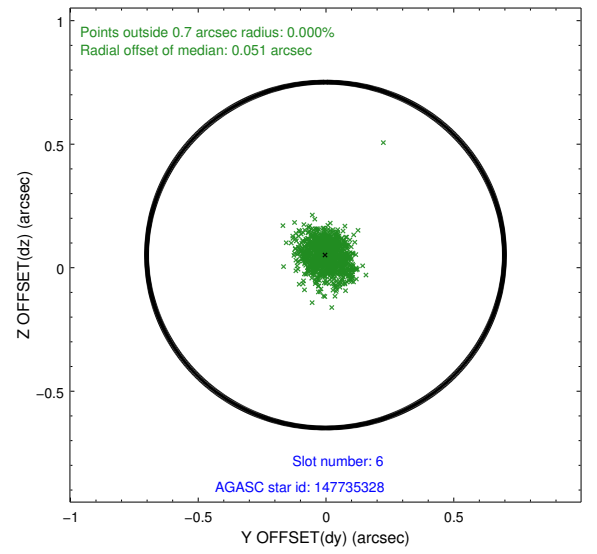
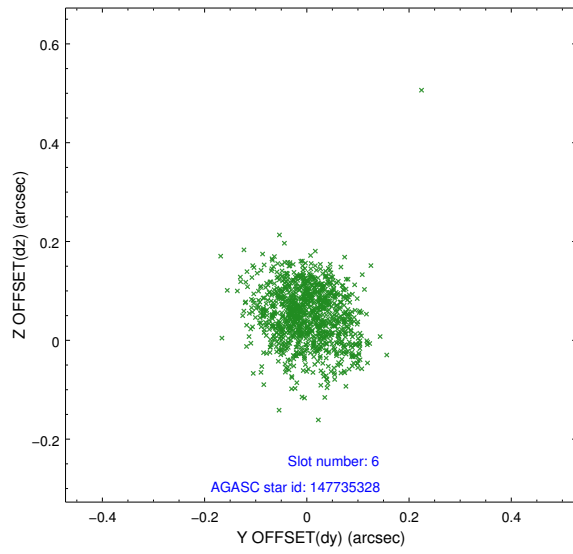
2.4.2 Slot 4



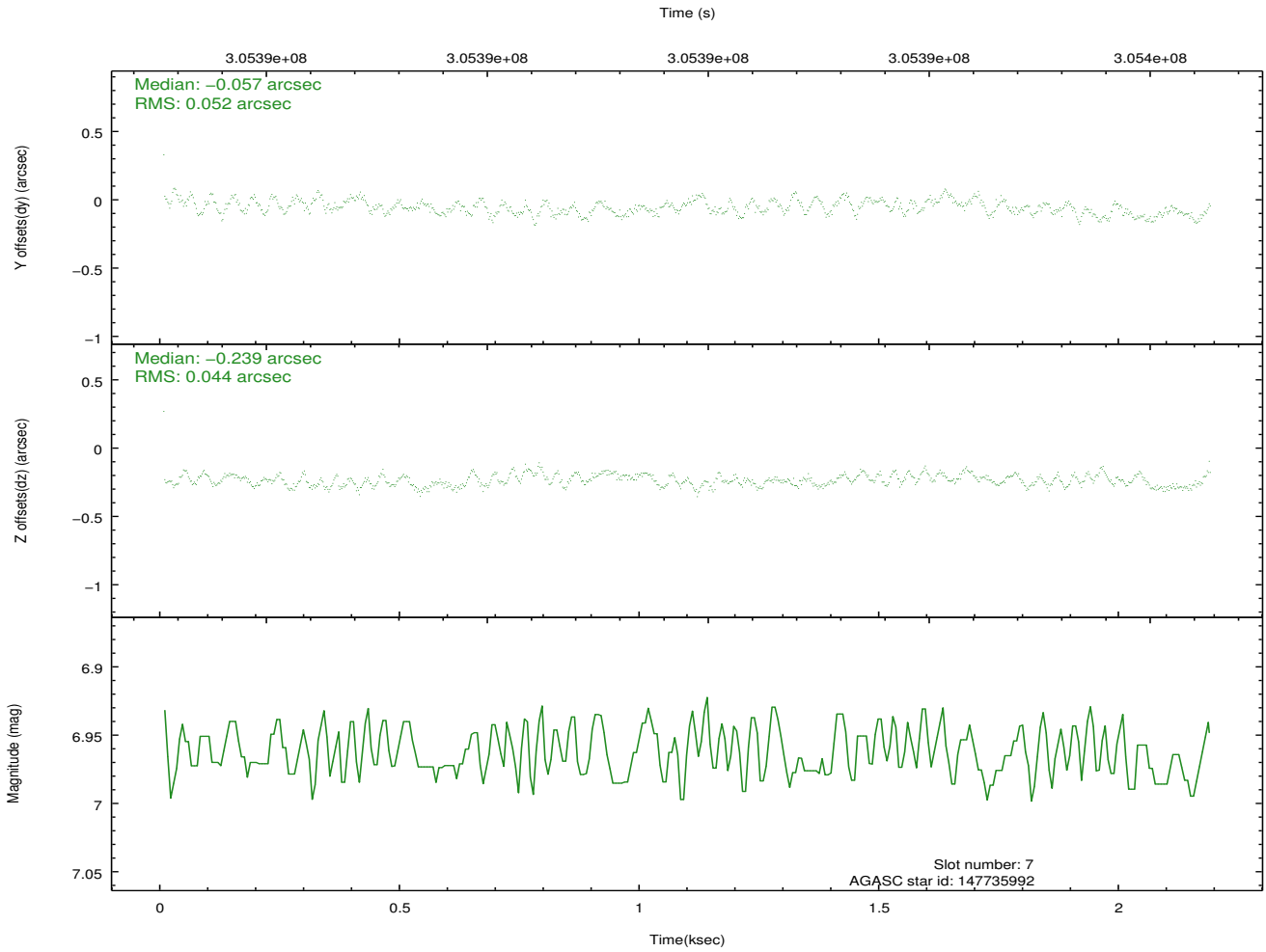
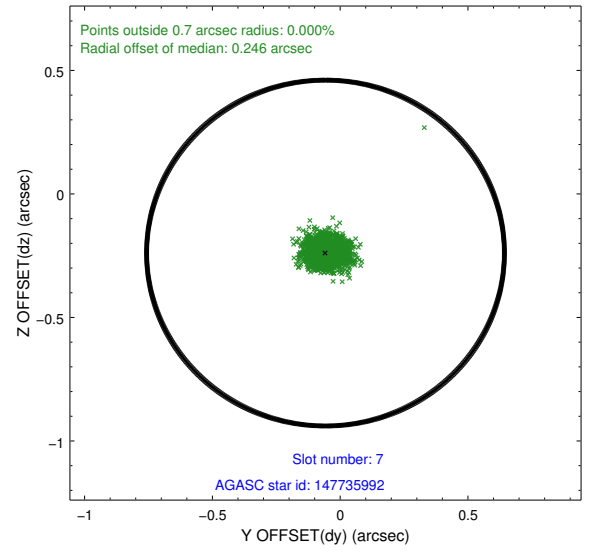
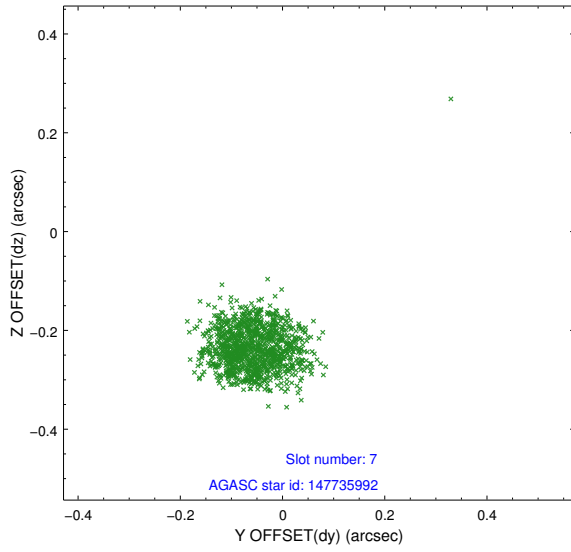
2.4.3 Slot 5



2.4.4 Slot 6

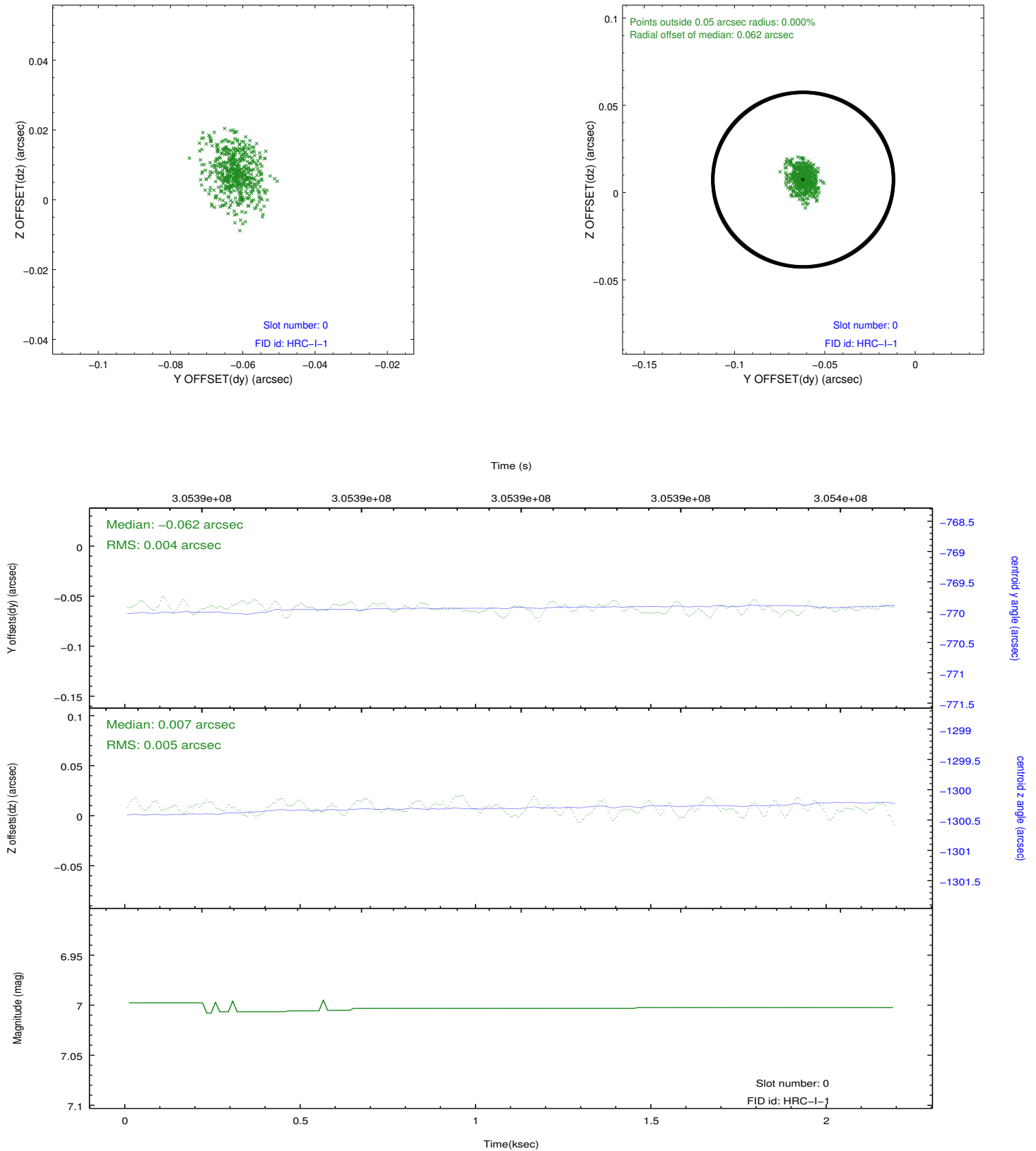


2.4.5 Slot 7

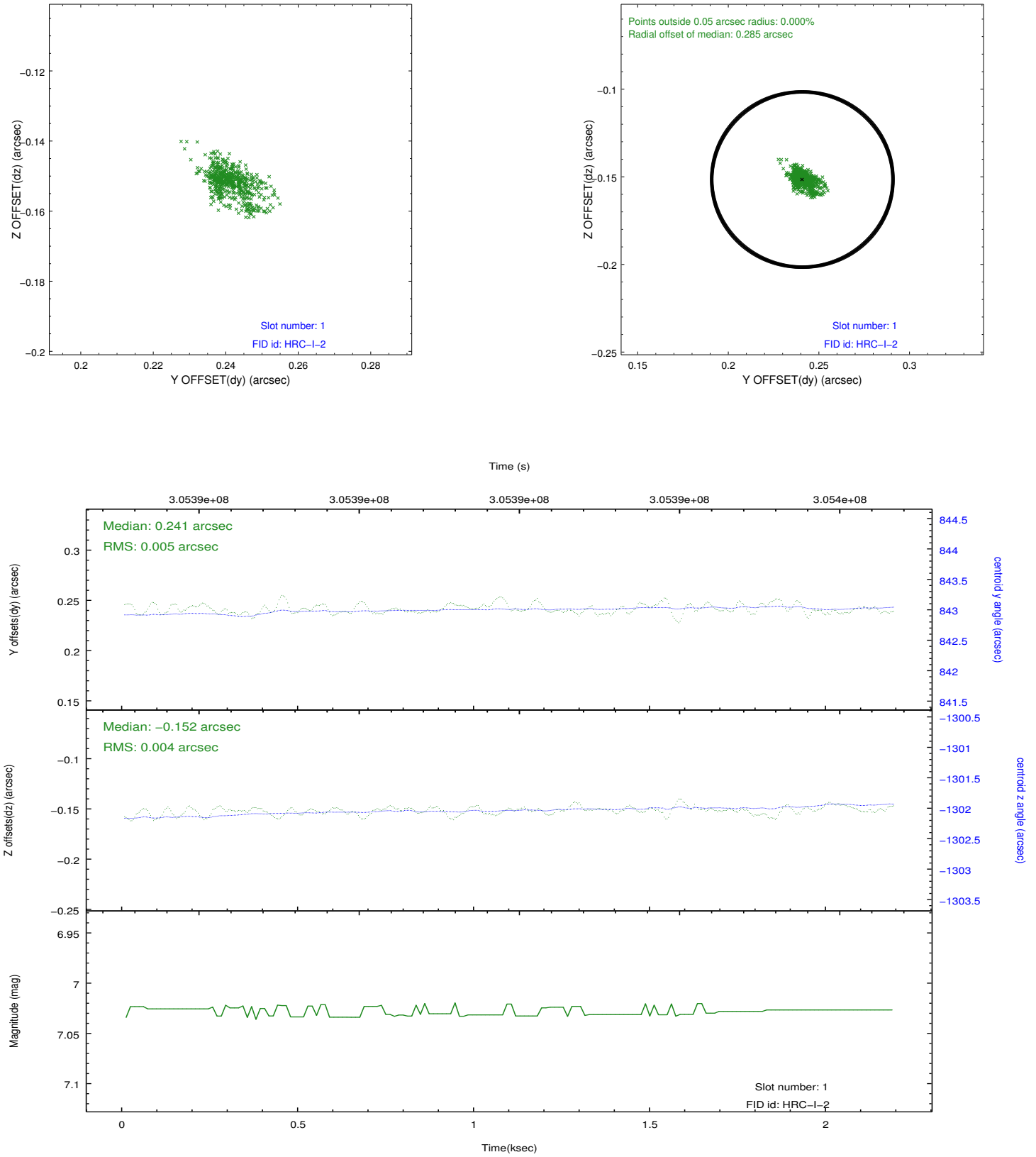


2.5 FID Slots

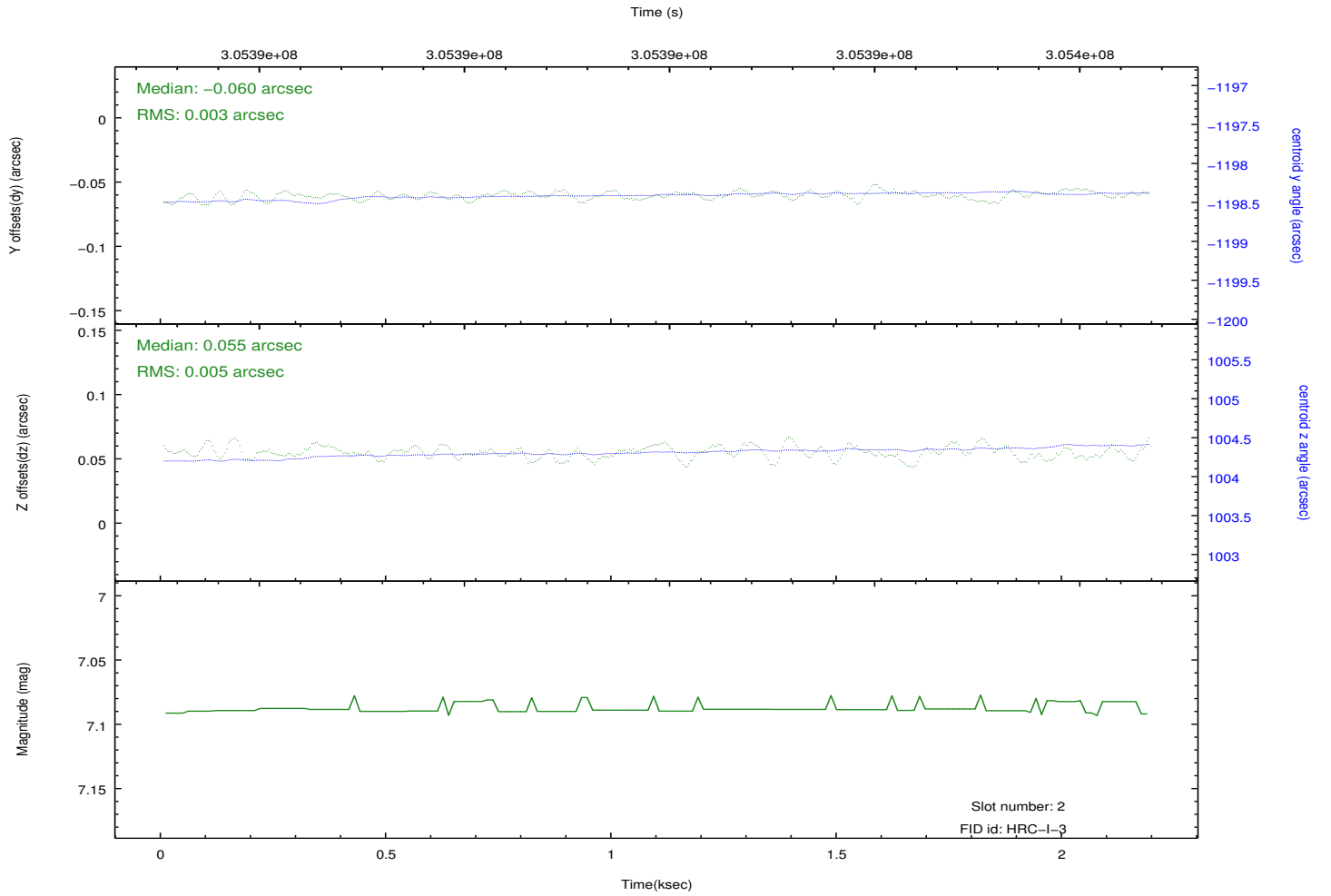
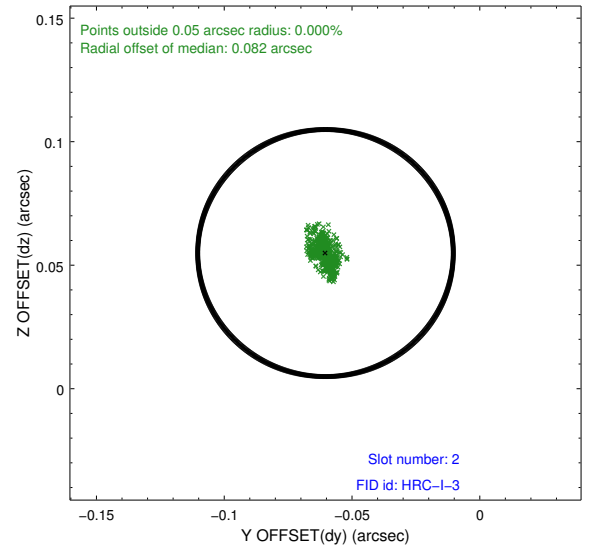
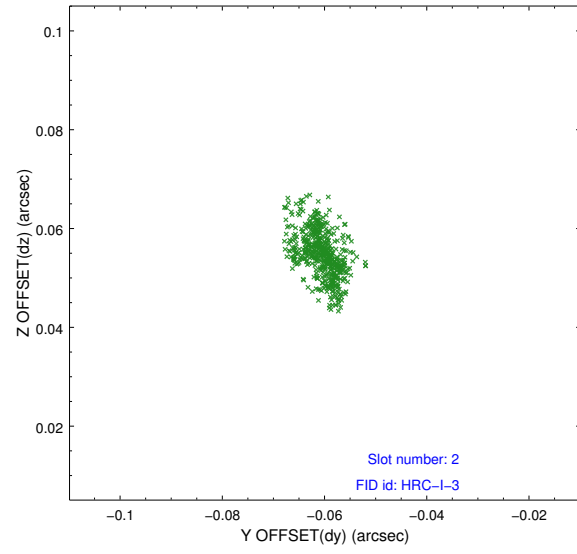
2.5.1 Slot 0



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	2.18453135

A.2 Comments