

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9620 - L2 Version 3
Chandra X-Ray Center

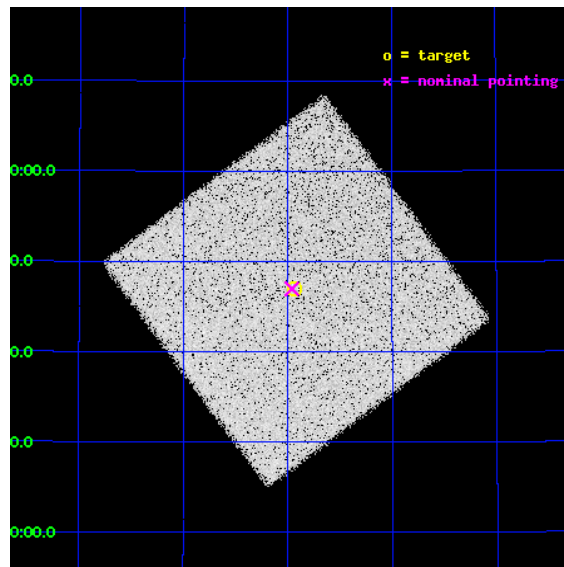
L2 Processing Date : Aug 12 2012

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1 Front

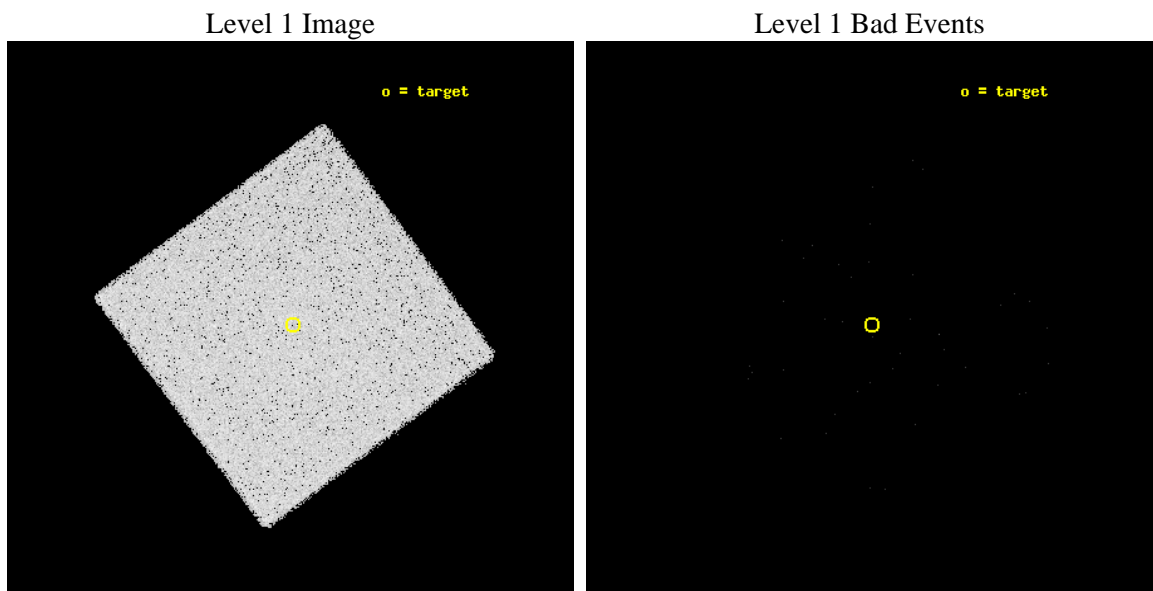
seq_num	290743	Sequence number
obs_id	9620	Observation id
title	AO9 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.24018705222	Nominal RA [deg]
dec_nom	38.78292379061	Nominal Dec [deg]
roll_nom	8.2820290679647	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2188.6313560605	[s]
livedtime	2166.6839588996	Ontime multiplied by DTCOR
l2events	128028	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	2188.6313560605	[s]
caldbver	4.5.1.1	 	l1events	246656	Number of level 1 events
date	2012-08-12T08:56:25	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

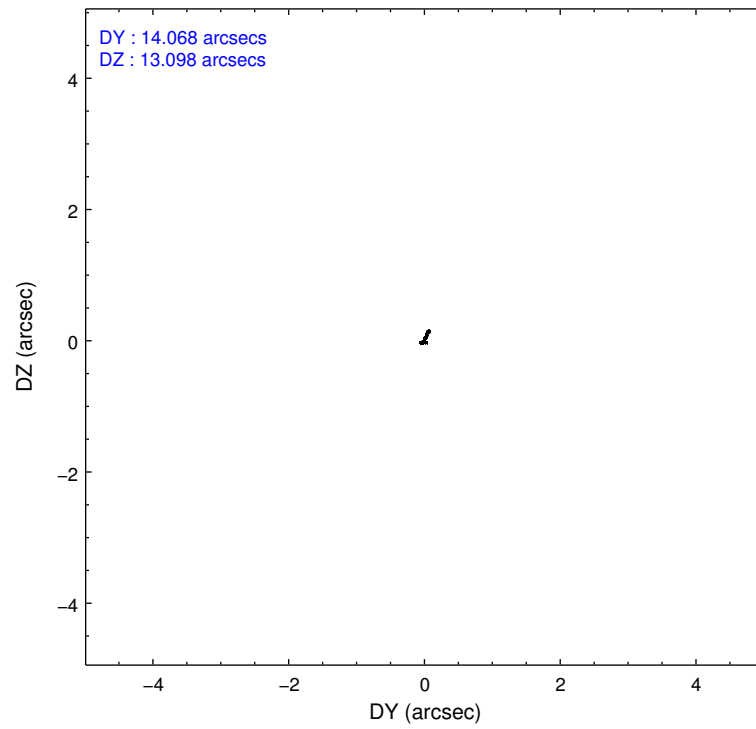
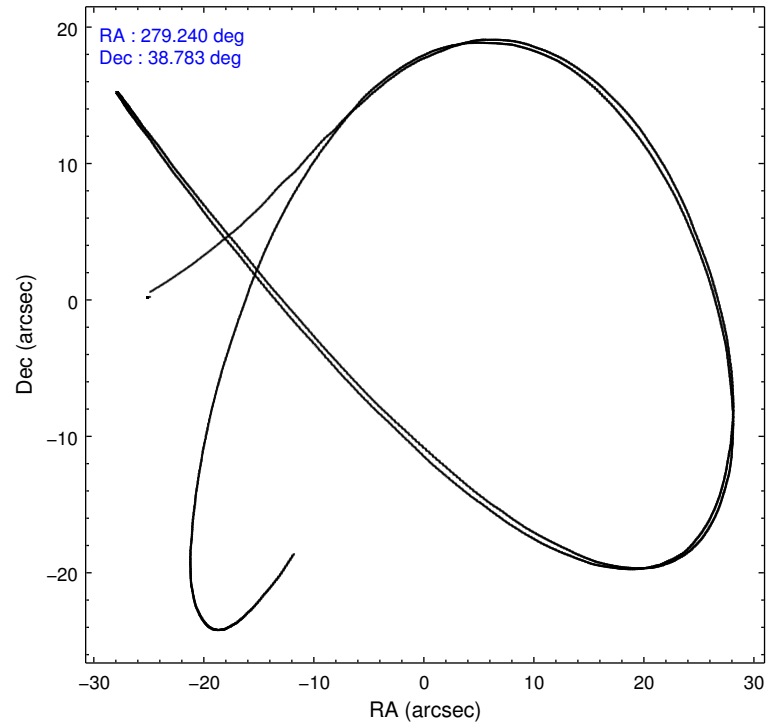
	segment 0
level 1 events	246656
rejected events	58395
rejected %	23%

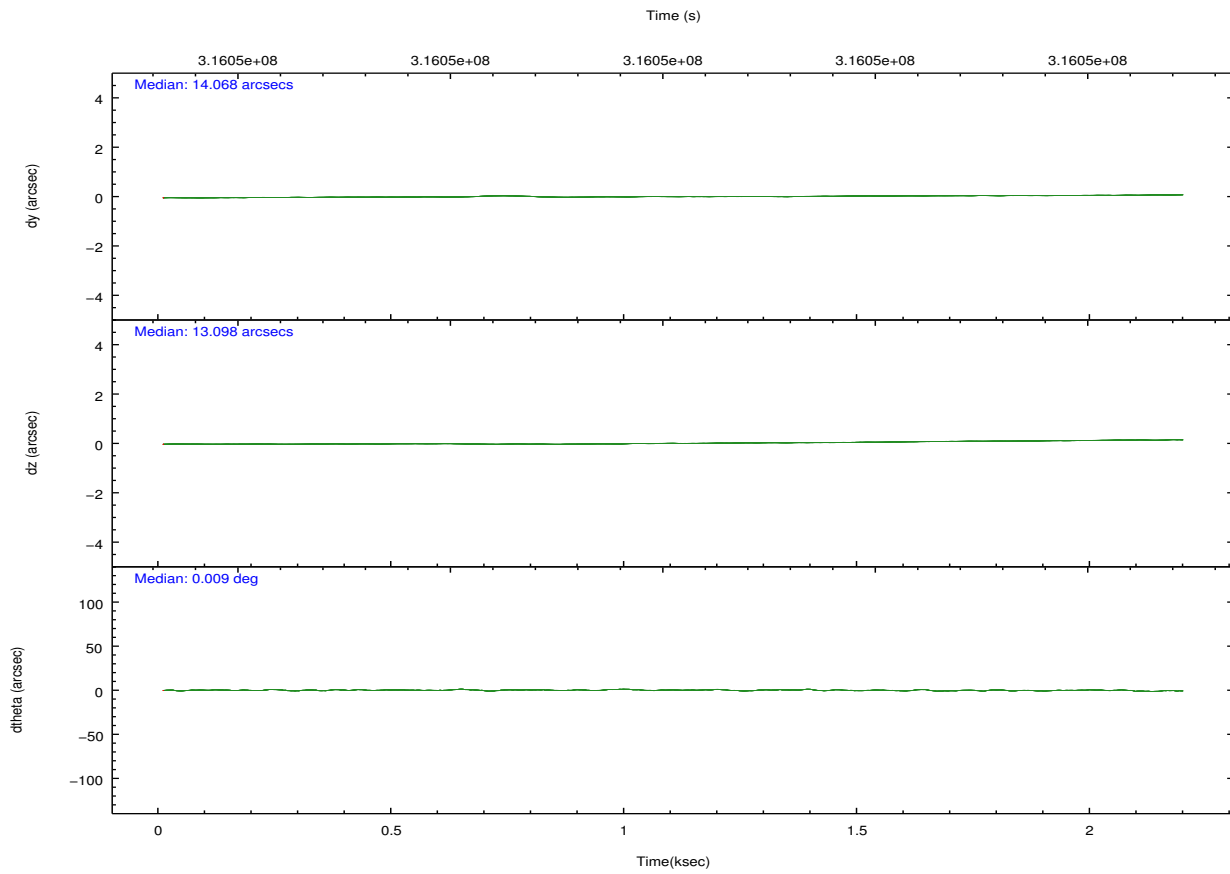
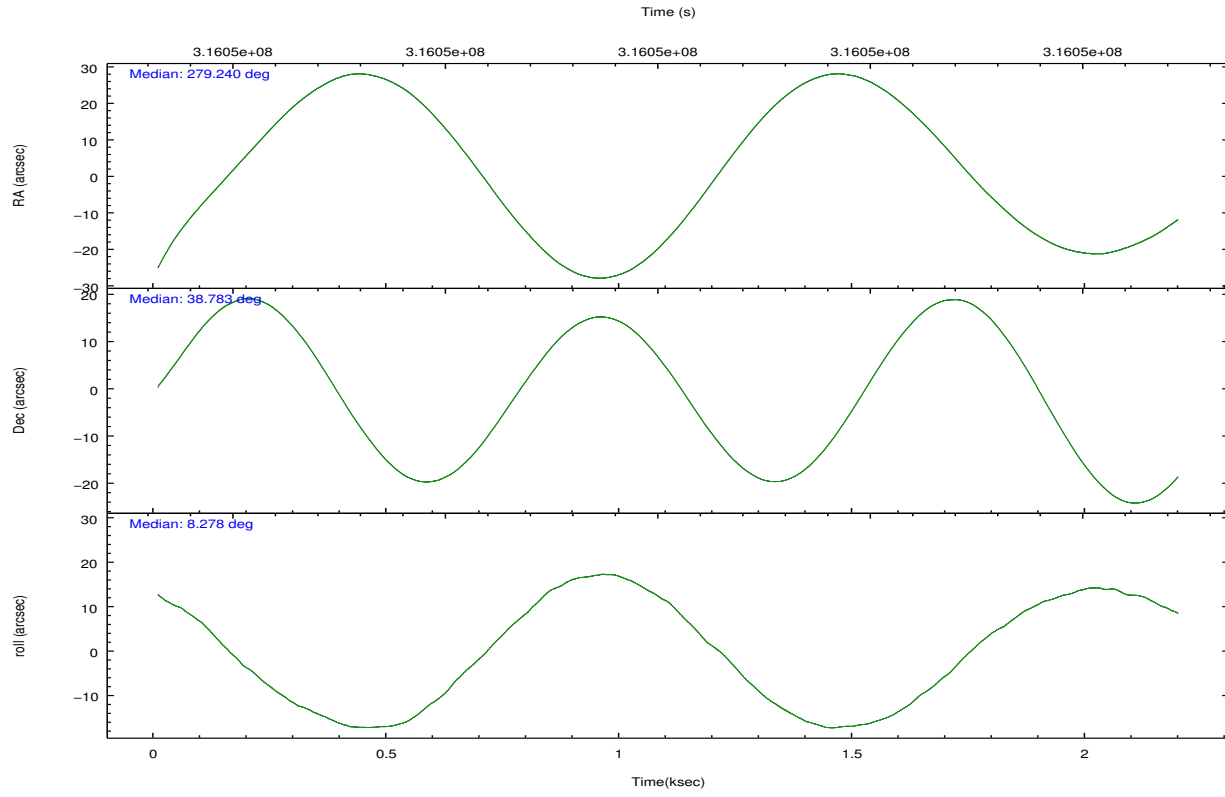
2.2 Compared Parameters

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	279.213404	279.2401870522169
[deg] Pointing Dec	38.765460	38.7829237906096
[deg] Pointing Roll	8.394334	8.28202906796465
[s] Window start time (MET)	312854465.184000	312854465.184000
[s] Window stop time (MET)	320544065.184000	320544065.184000
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	316046121.184000	316045274.5152
Observation start date	2008-01-06T22:34:16	2008-01-06T22:21:14
[s] Observation end time (MET)	316048121.184000	316048255.72785
Observation end date	2008-01-06T23:07:36	2008-01-06T23:10:55

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

2.3 Aspect



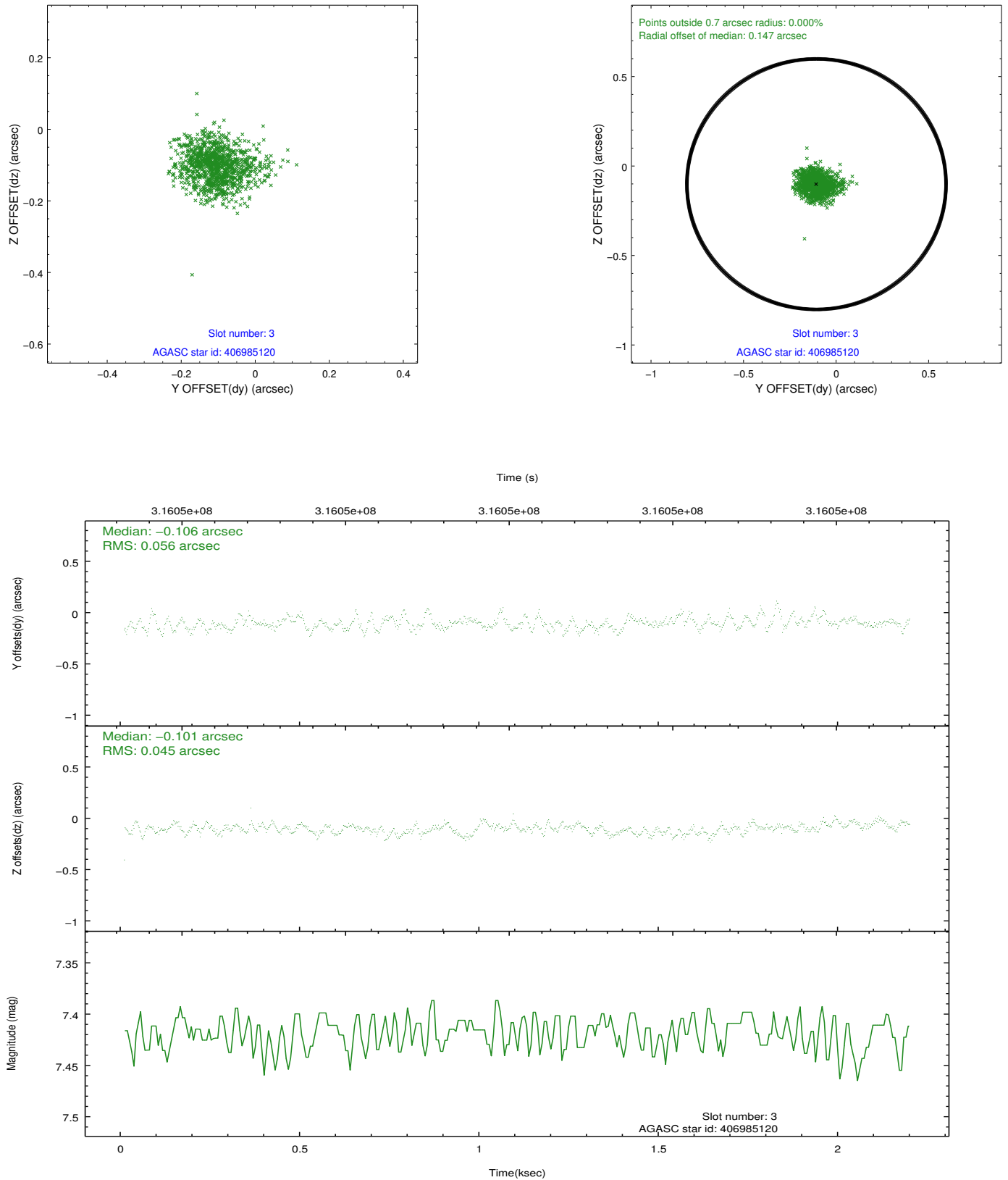


Slot Statistics

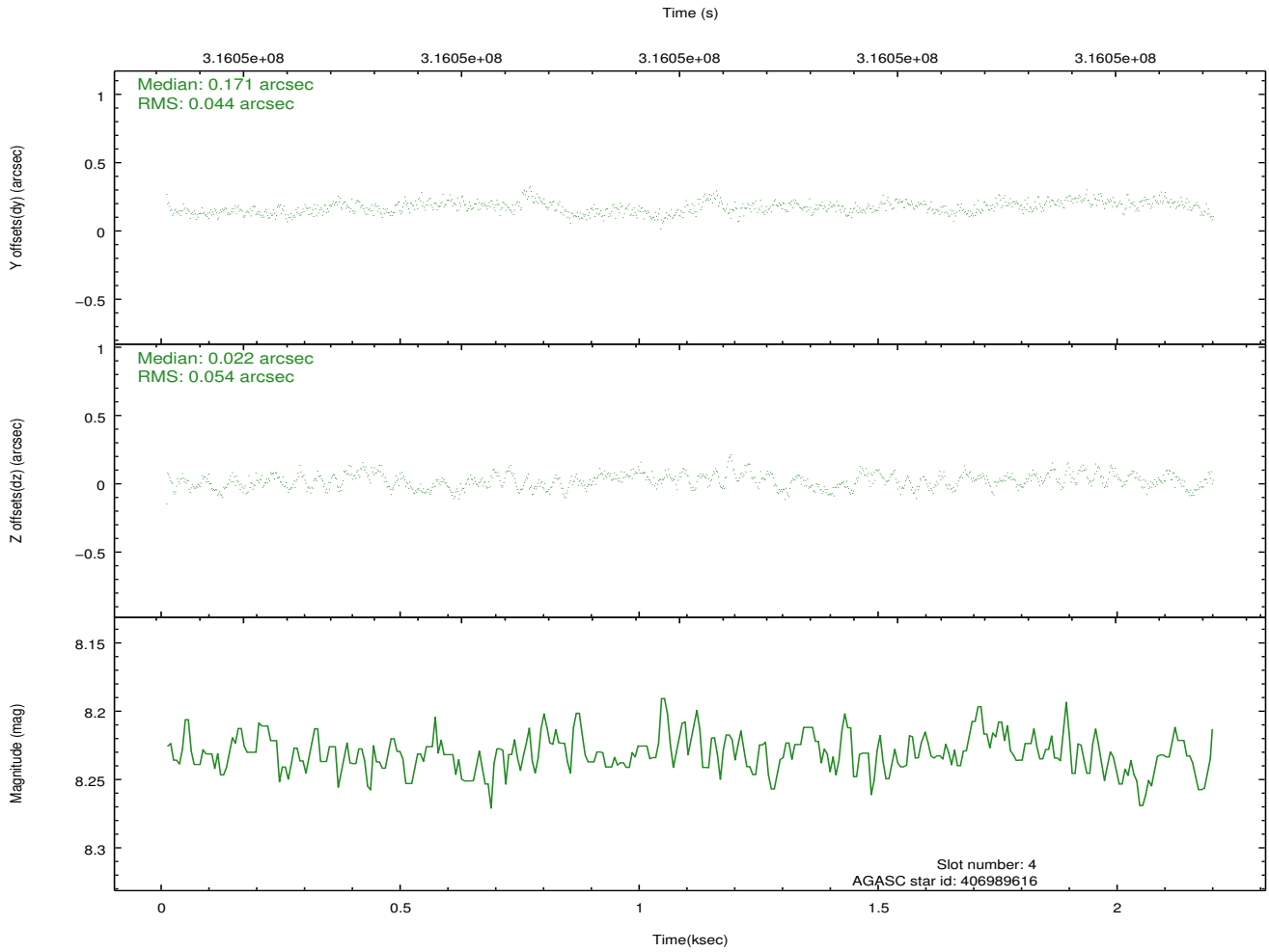
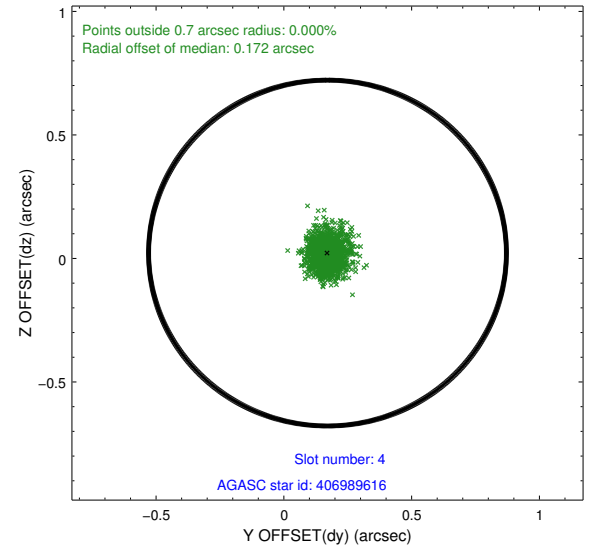
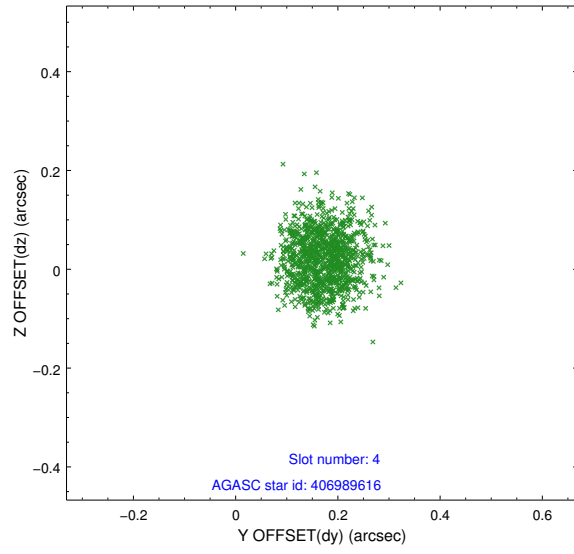
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	535	-0.061	0.044	0.009	0.014	0.000000	0.000000	-769.91	-1301.10
1	FID	HRC-I-2	7.02	535	0.241	-0.160	0.011	0.019	0.000000	0.000000	841.58	-1305.31
2	FID	HRC-I-3	7.07	535	-0.062	0.027	0.015	0.021	0.000000	0.000000	-1196.82	1001.01
3	GUIDE	406985120	7.42	1069	-0.106	-0.101	0.077	0.124	278.839732	38.894839	-967.17	615.10
4	GUIDE	406989616	8.23	1067	0.171	0.022	0.075	0.115	279.202881	38.520843	-158.10	-866.74
5	GUIDE	407513096	8.14	1069	-0.146	-0.062	0.062	0.101	279.928965	39.436841	2322.29	2107.29
6	GUIDE	407521232	8.63	1068	0.021	-0.110	0.095	0.149	279.628883	39.431715	1495.99	2208.33
7	GUIDE	406987384	8.95	1067	0.057	0.266	0.093	0.150	278.815518	38.115336	-1454.25	-2146.73

2.4 Star Slots

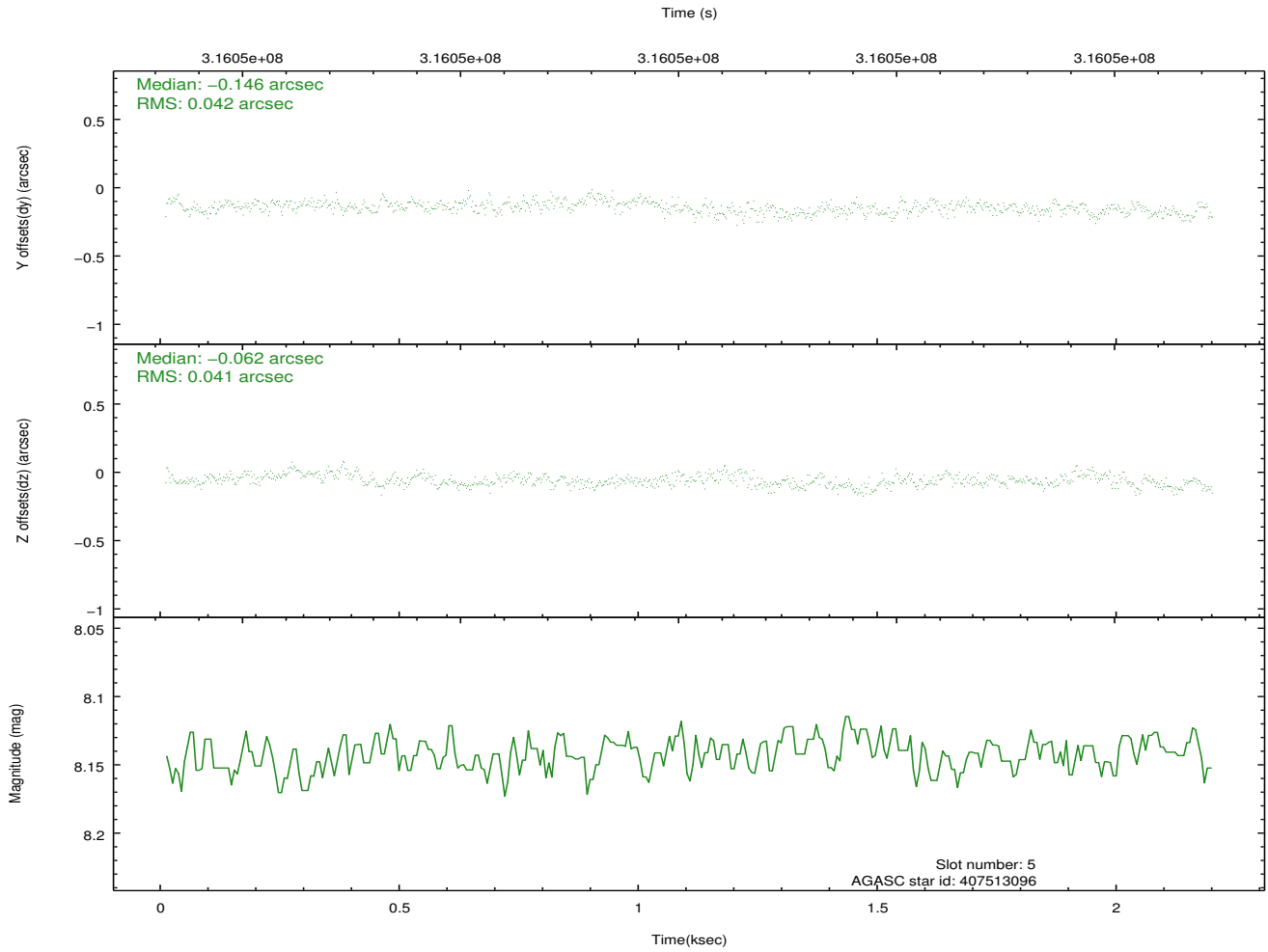
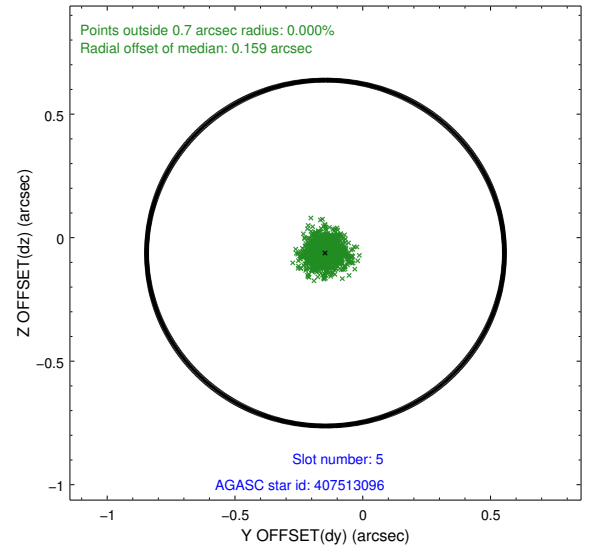
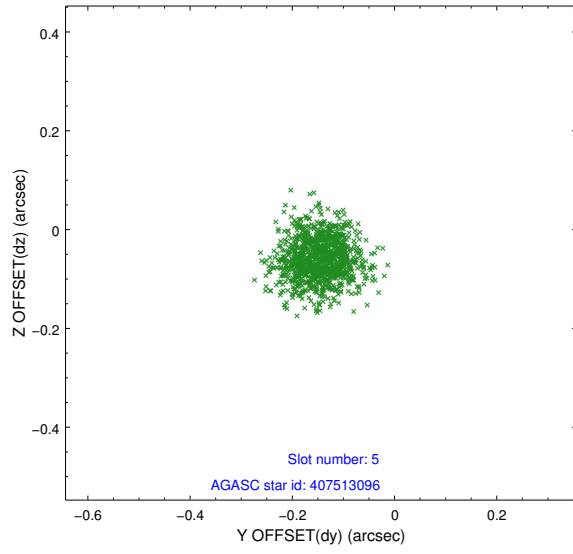
2.4.1 Slot 3



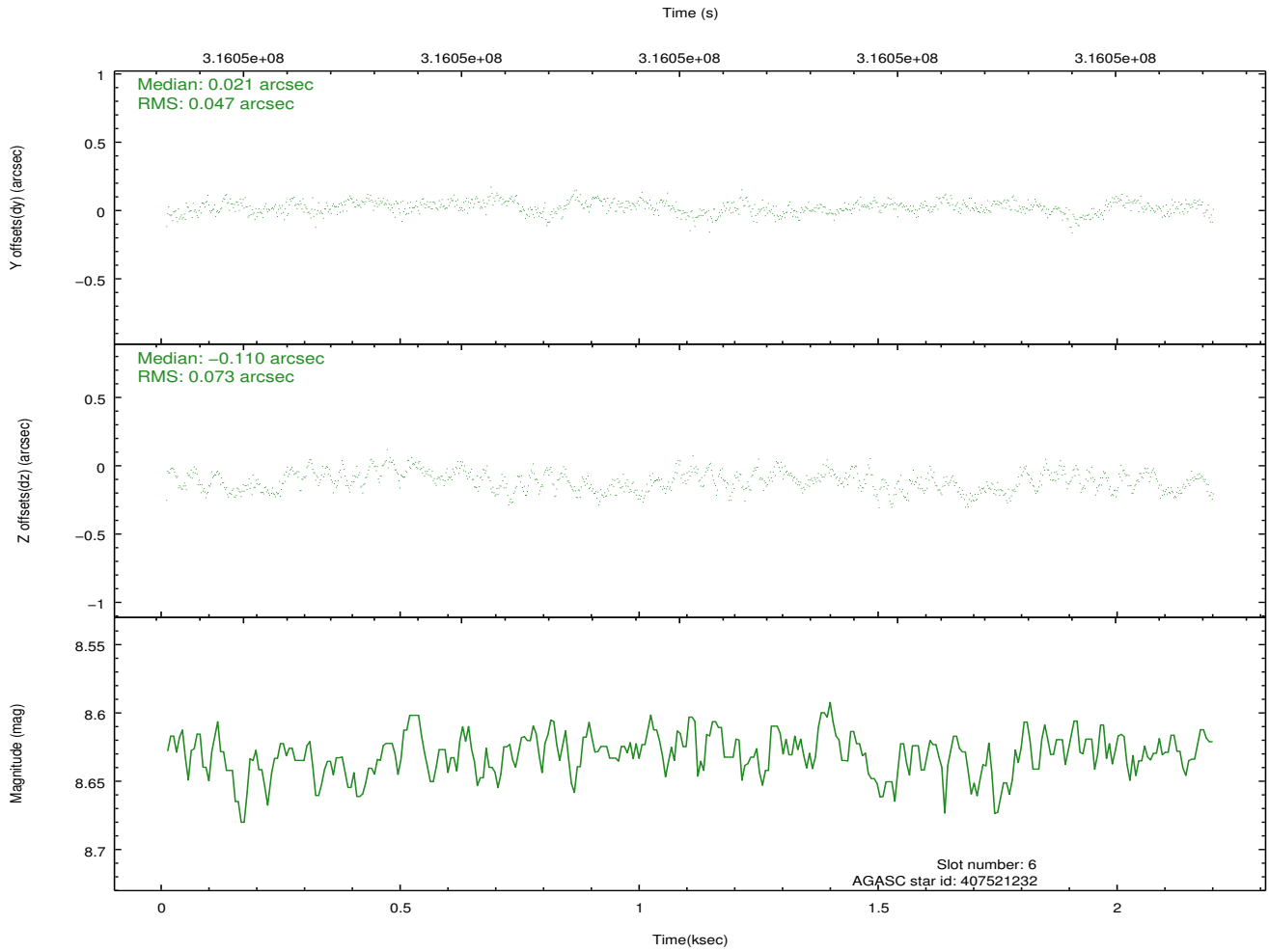
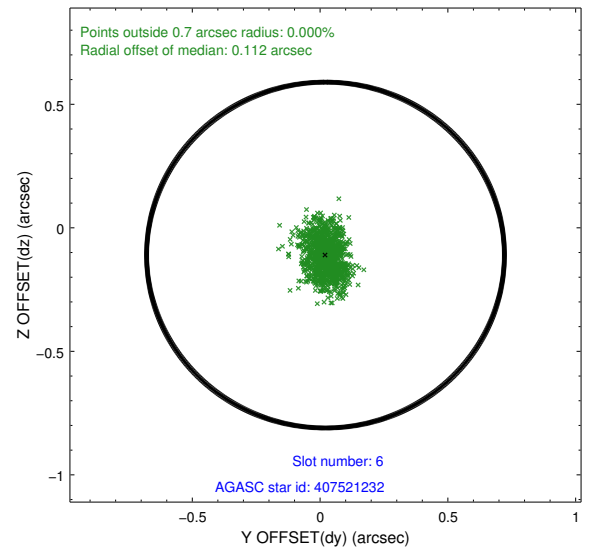
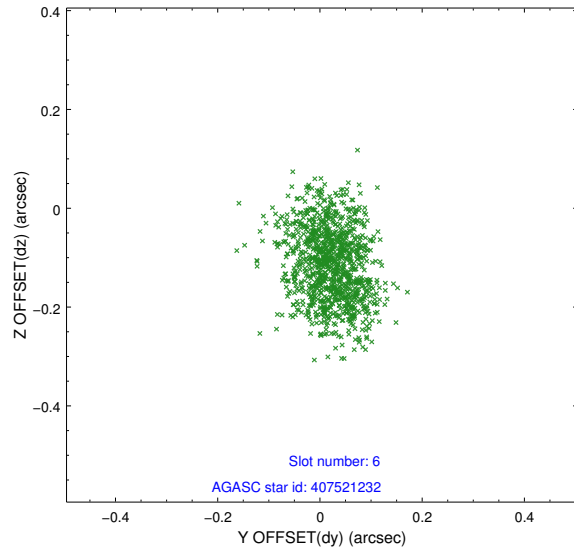
2.4.2 Slot 4



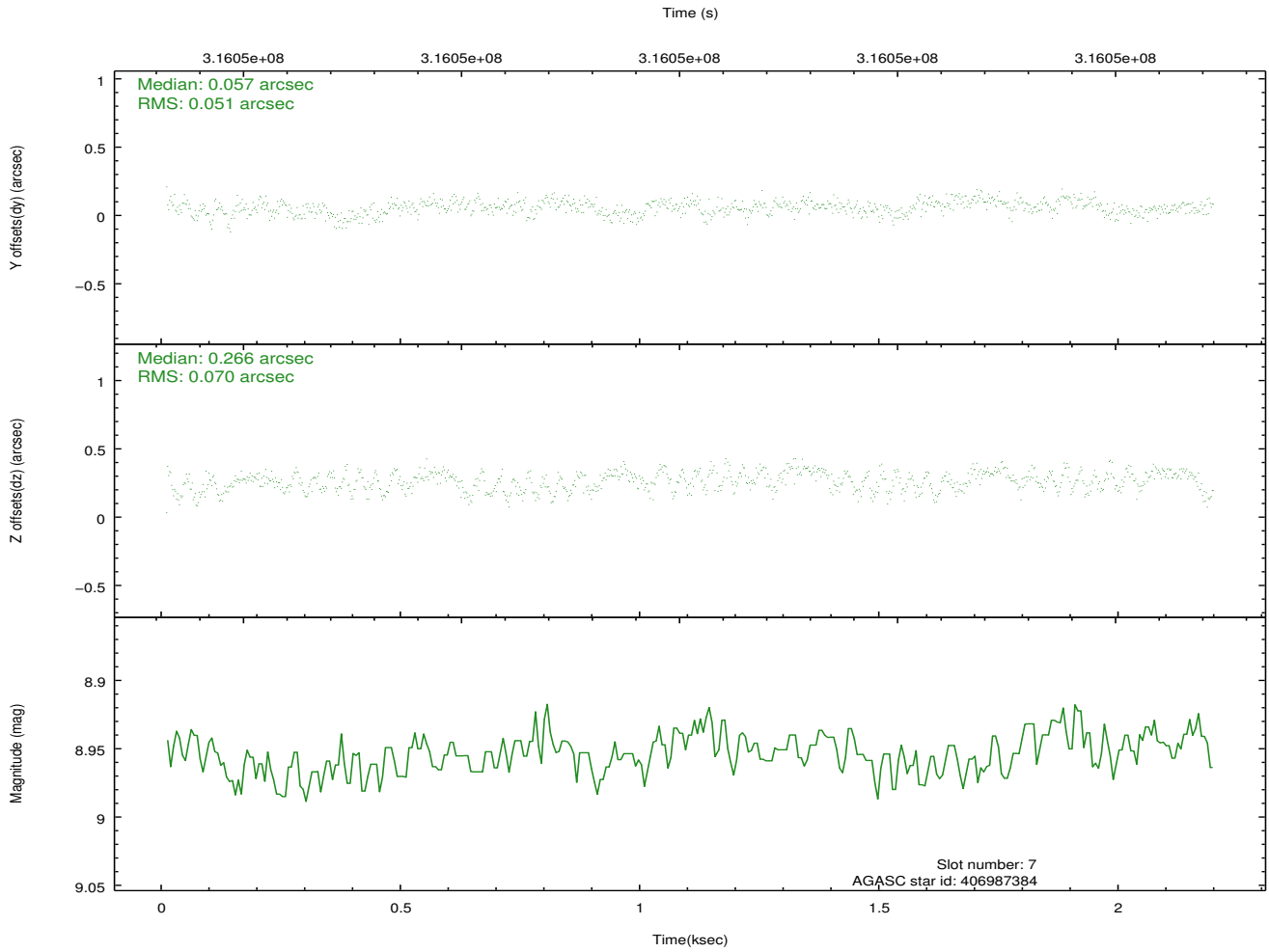
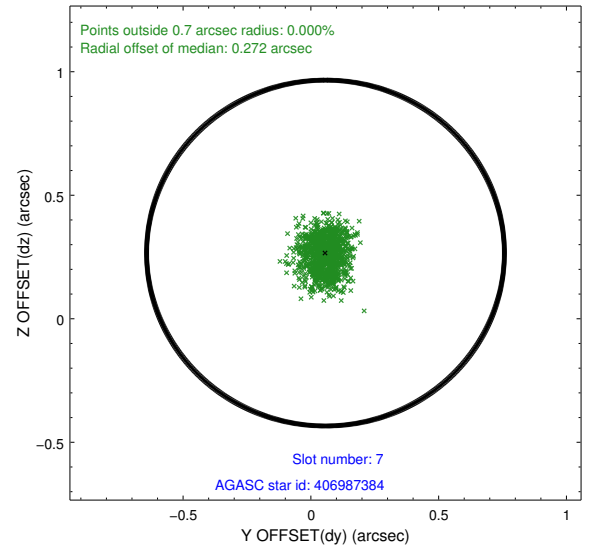
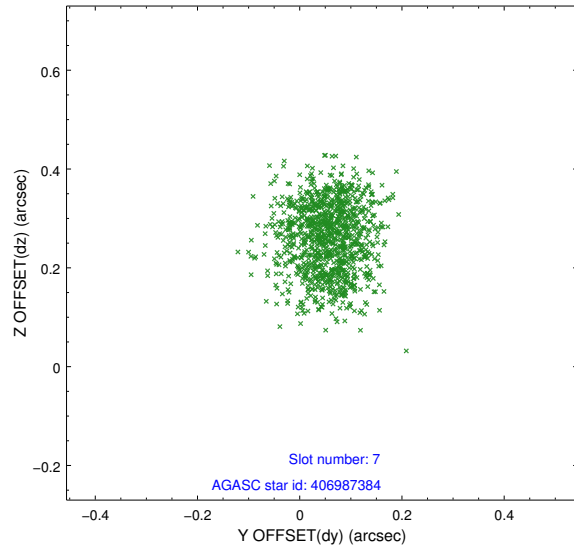
2.4.3 Slot 5



2.4.4 Slot 6

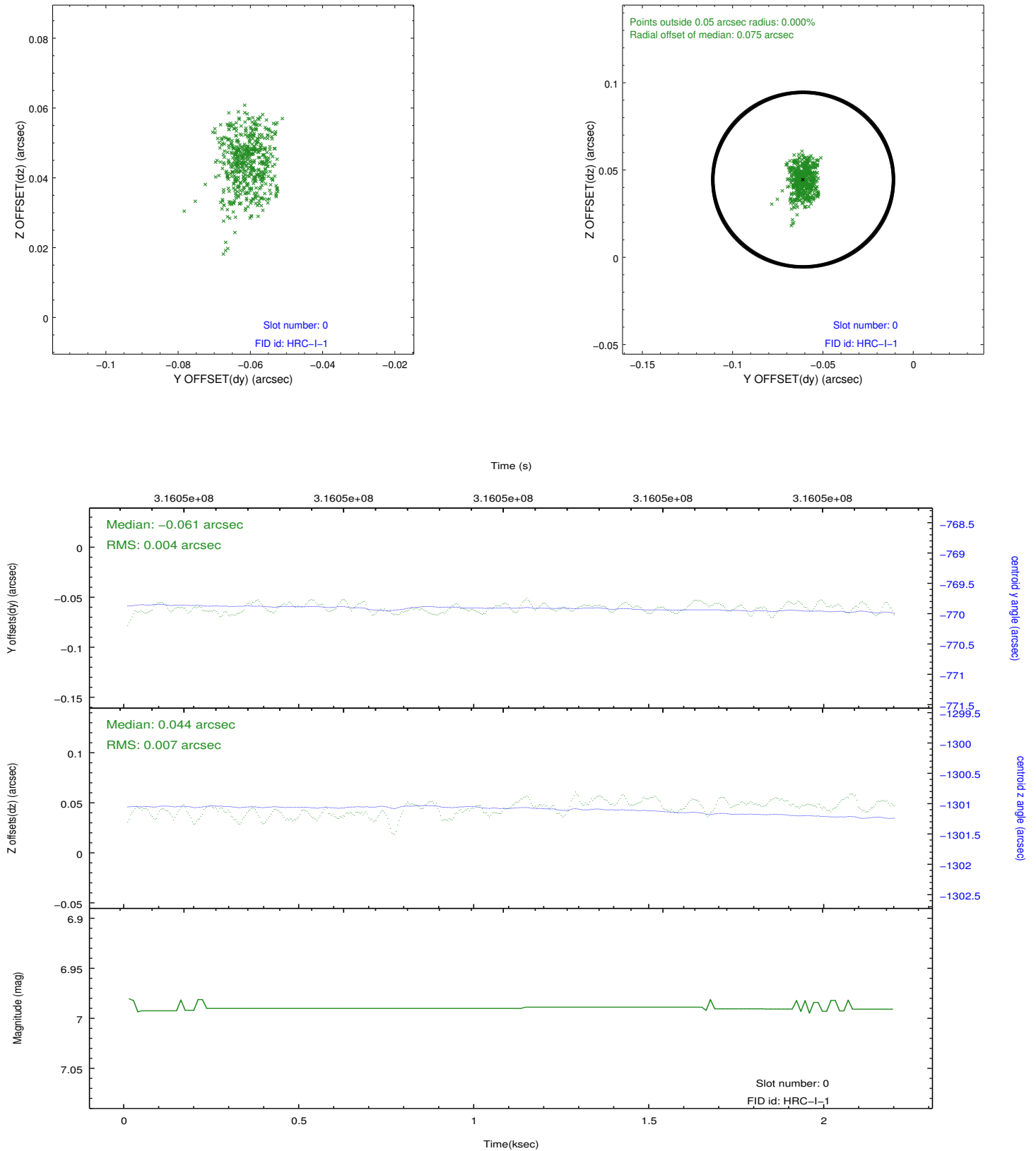


2.4.5 Slot 7

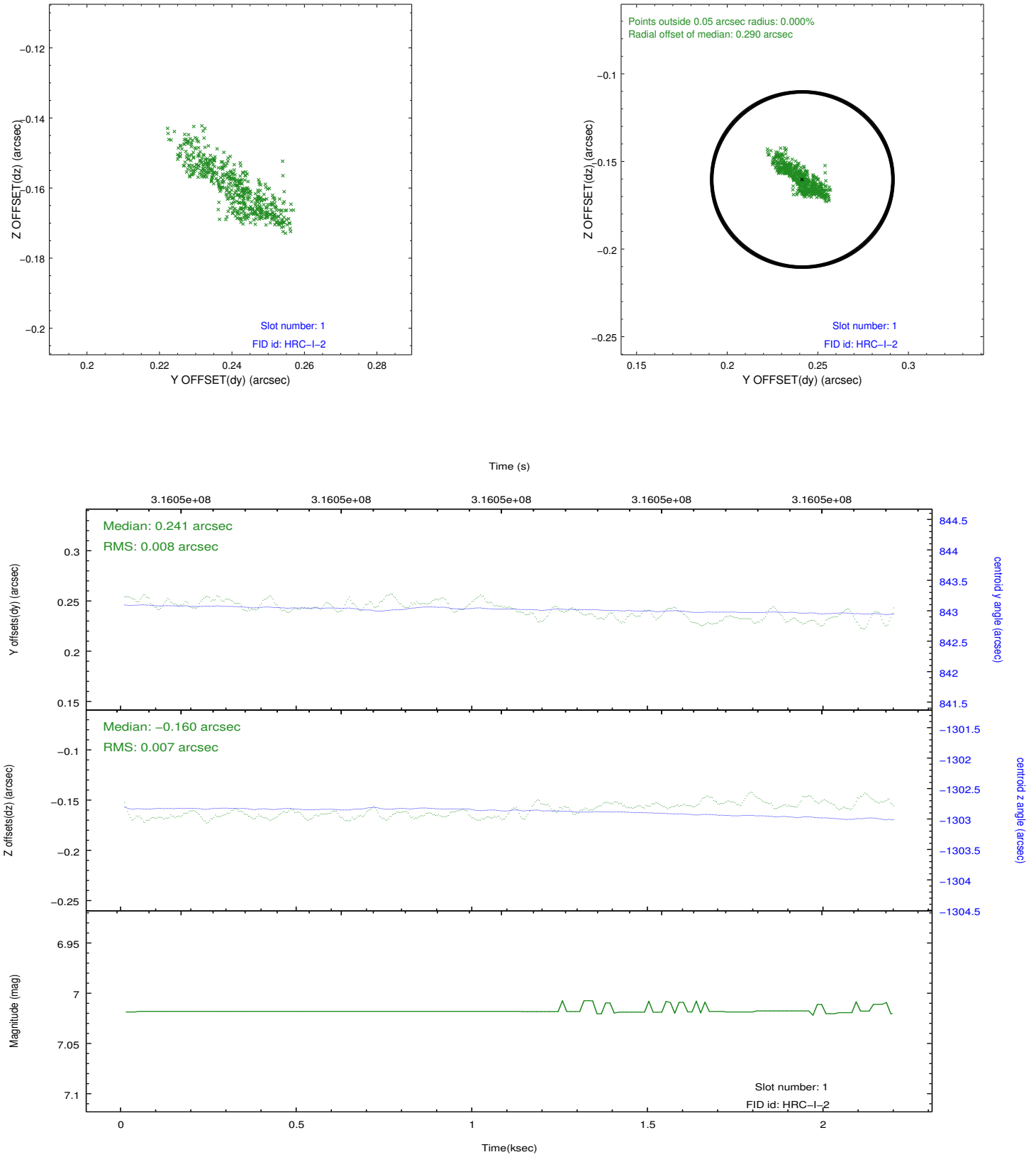


2.5 FID Slots

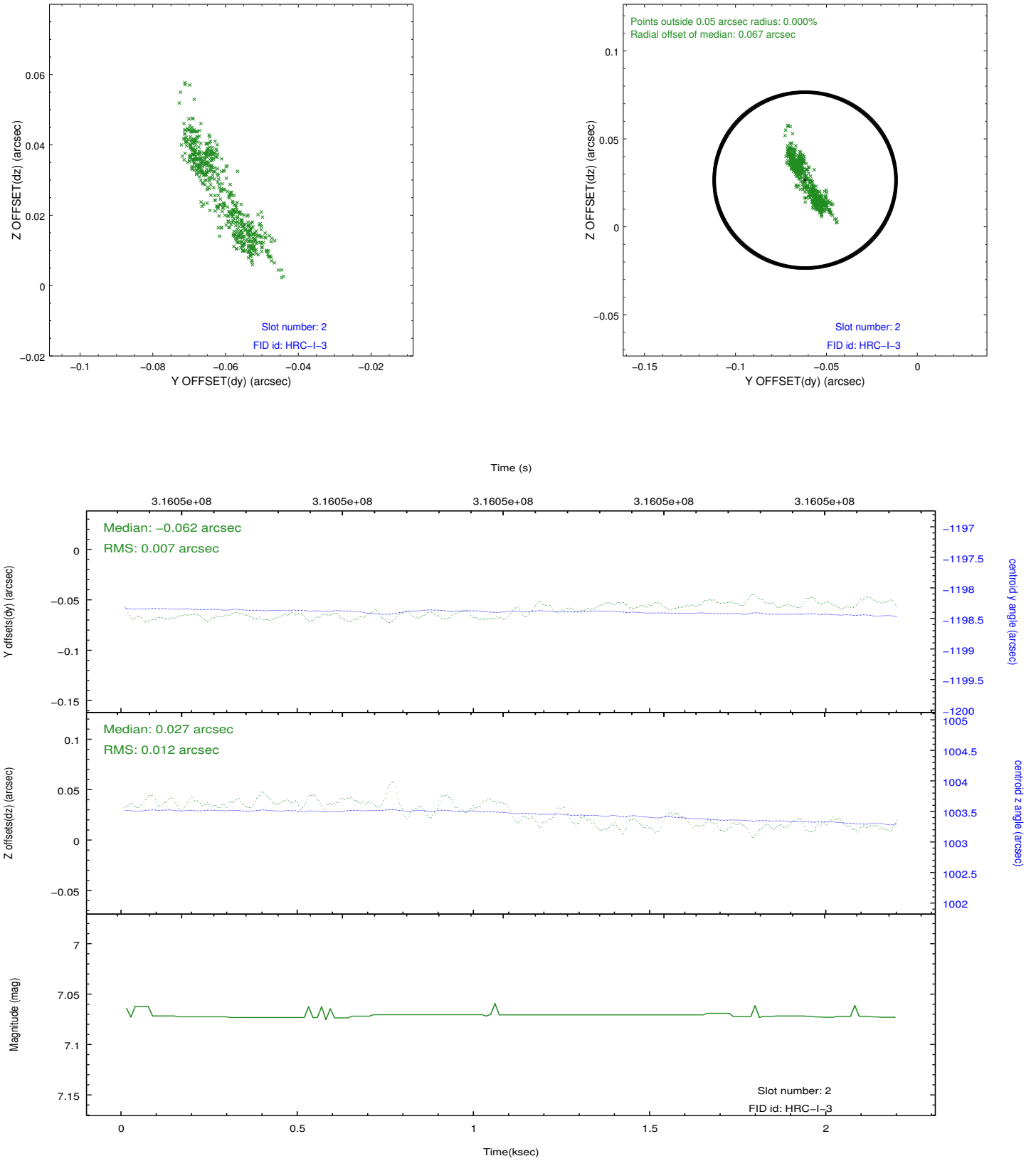
2.5.1 Slot 0



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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.18863135

A.2 Comments

Time constraint met.