

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9629 - L2 Version 3
Chandra X-Ray Center

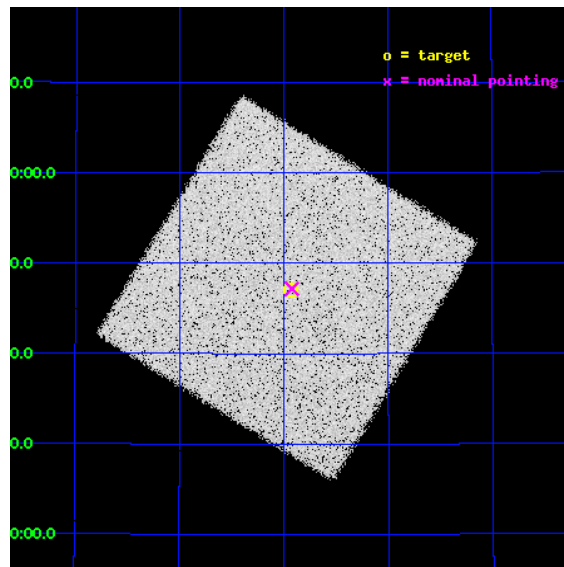
L2 Processing Date : Aug 12 2012

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1 Front

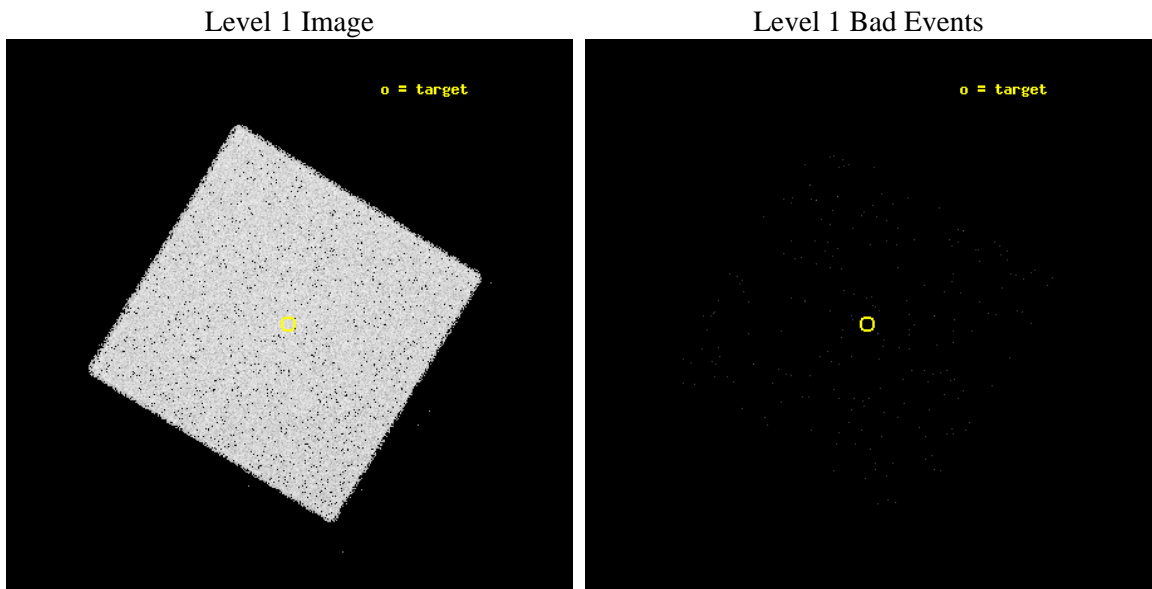
seq_num	290752	Sequence number
obs_id	9629	Observation id
title	AO9 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23062933871	Nominal RA [deg]
dec_nom	38.786411987922	Nominal Dec [deg]
roll_nom	166.57349796373	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2183.2501067519	[s]
liveltime	2161.0829010924	Ontime multiplied by DTCOR
l2events	133232	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	2183.2501067519	[s]
caldbver	4.5.1.1	 	l1events	263228	Number of level 1 events
date	2012-08-12T13:36:30	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

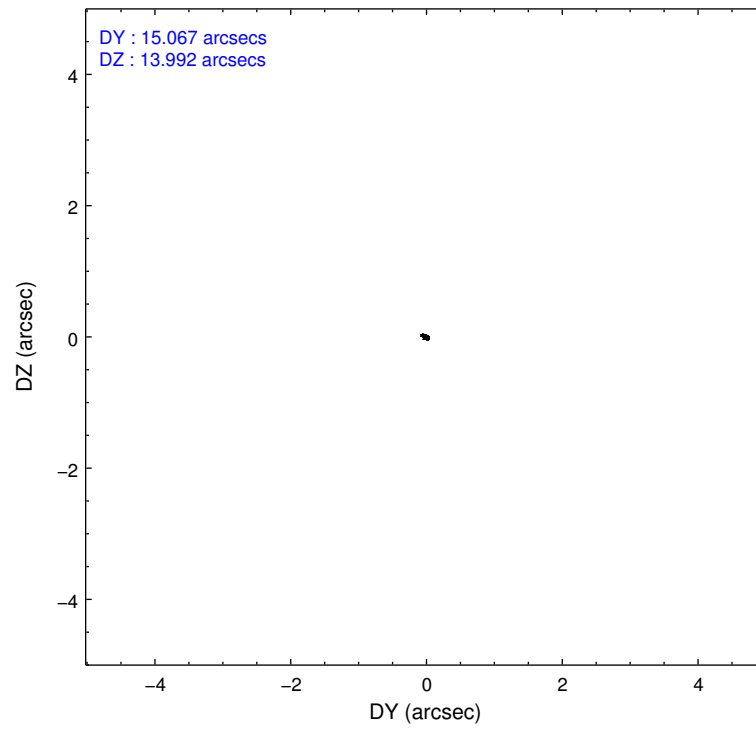
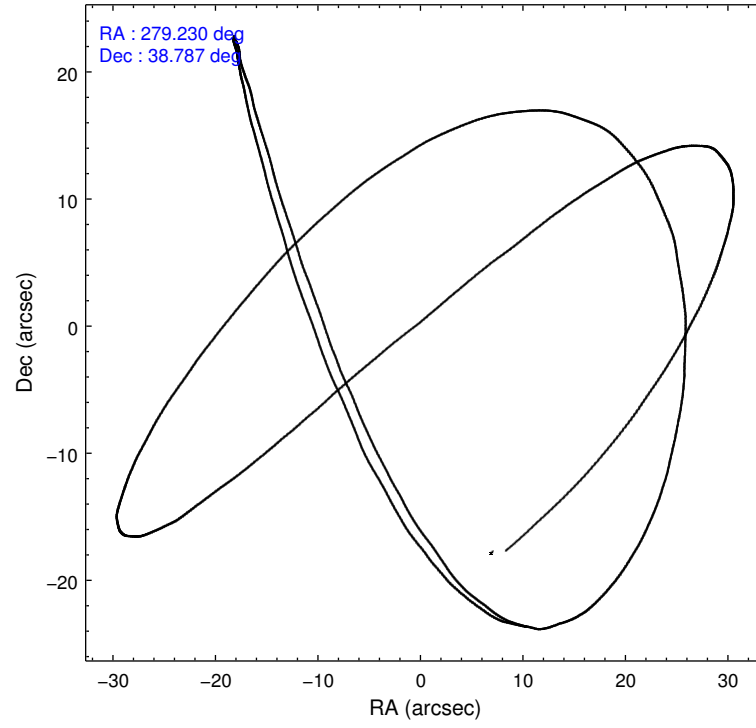
Level 1 Events

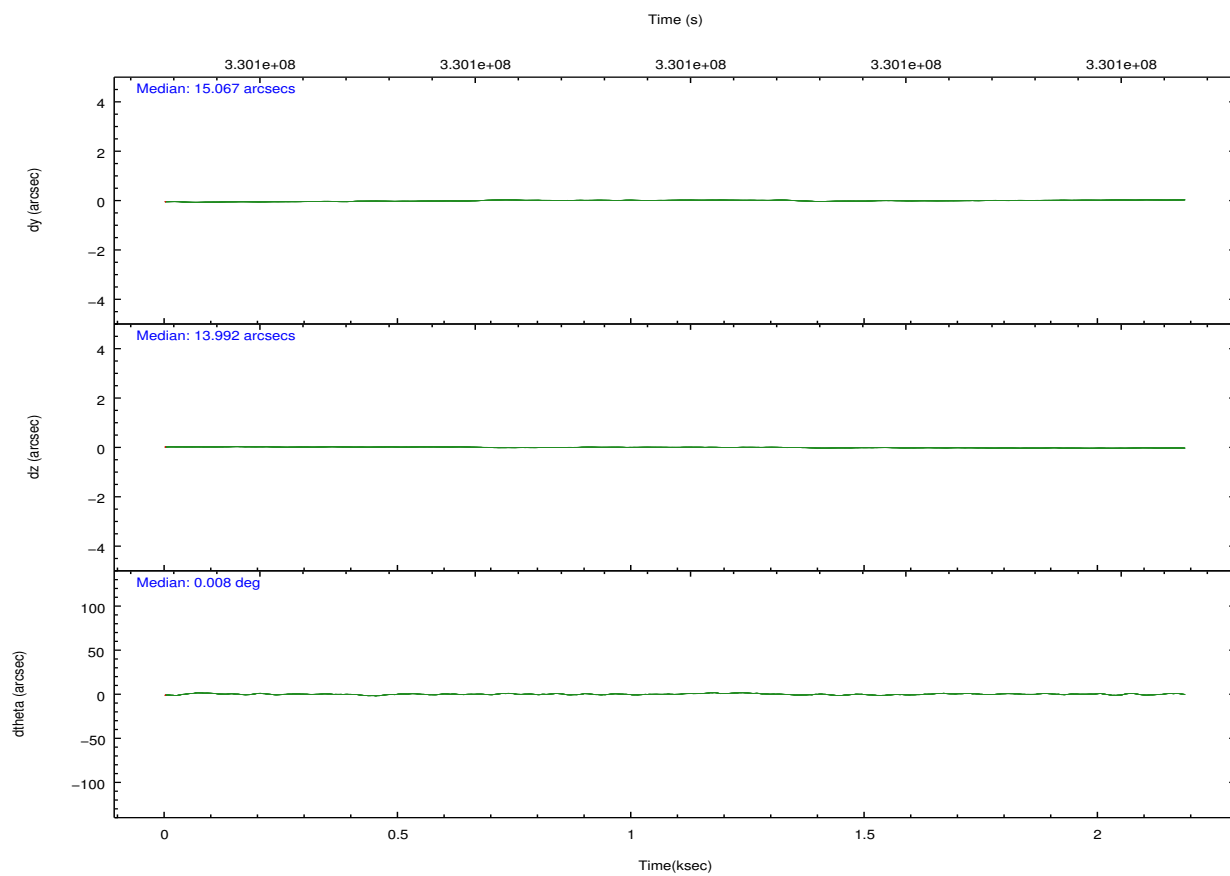
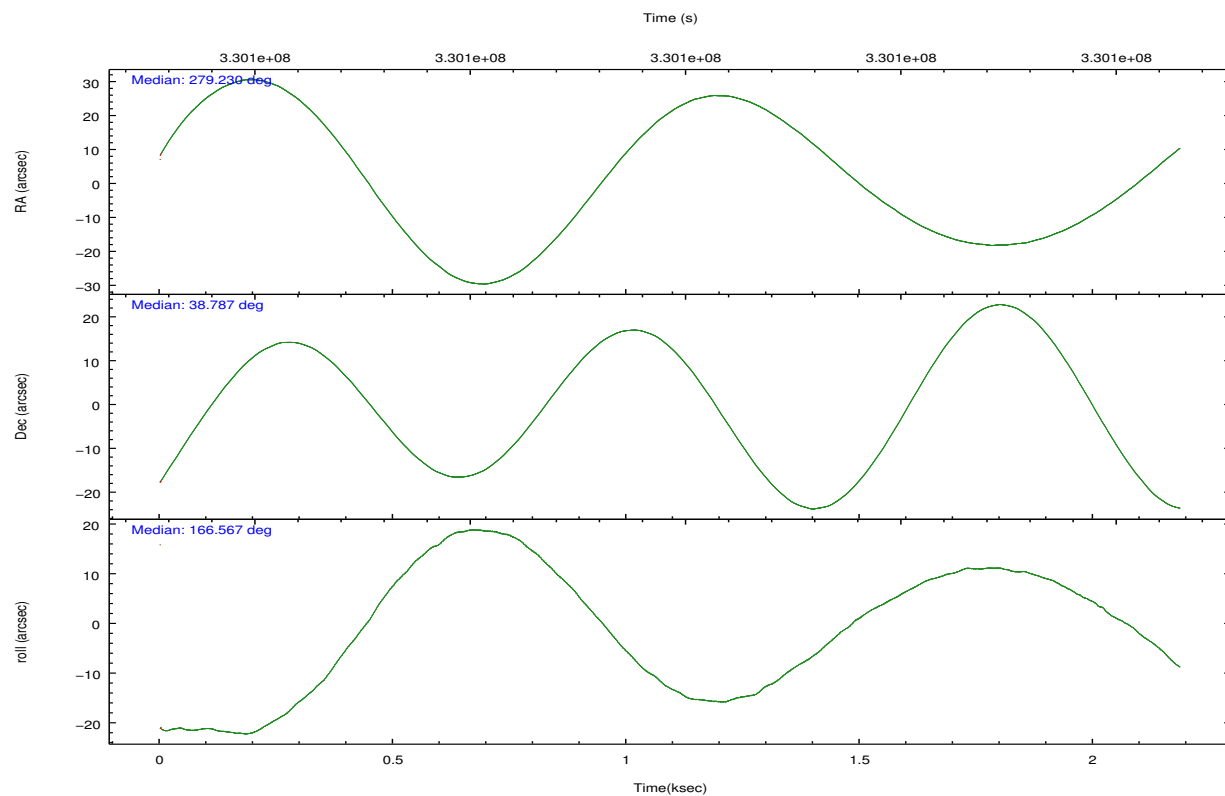
	segment 0
level 1 events	263228
rejected events	67981
rejected %	25%

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	279.263771	279.2306293387114			
[deg] Pointing Dec	38.794558	38.7864119879223			
[deg] Pointing Roll	166.648228	166.5734979637282			
[s] Window start time (MET)	328665665.184000	328665665.184000			
[s] Window stop time (MET)	336528065.184000	336528065.184000			
[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)	330097563.184000	330096662.97382			
Observation start date	2008-06-17T13:44:58	2008-06-17T13:31:02			
[s] Observation end time (MET)	330099563.184000	330100351.949			
Observation end date	2008-06-17T14:18:18	2008-06-17T14:32:31			

2.3 Aspect



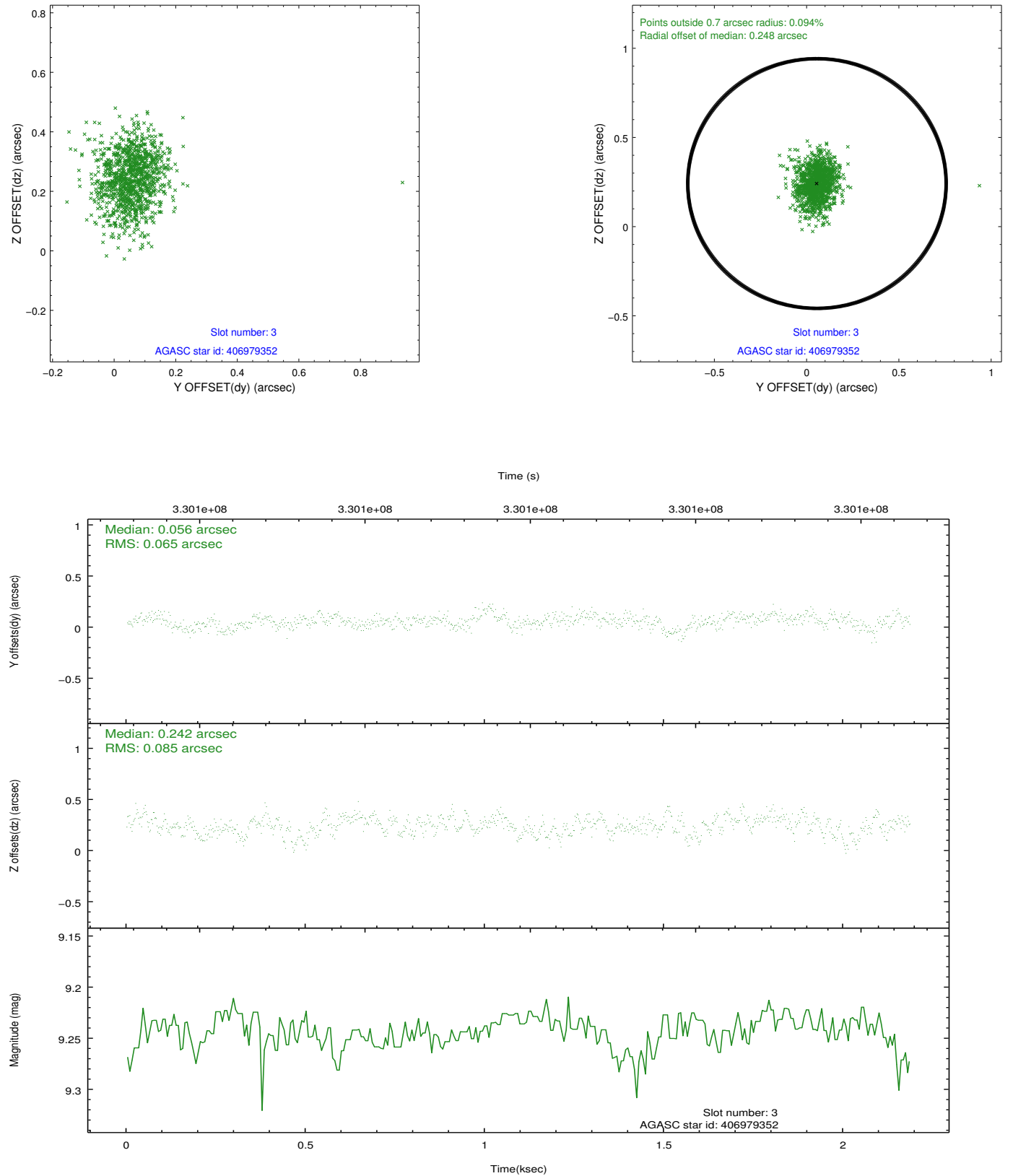


Slot Statistics

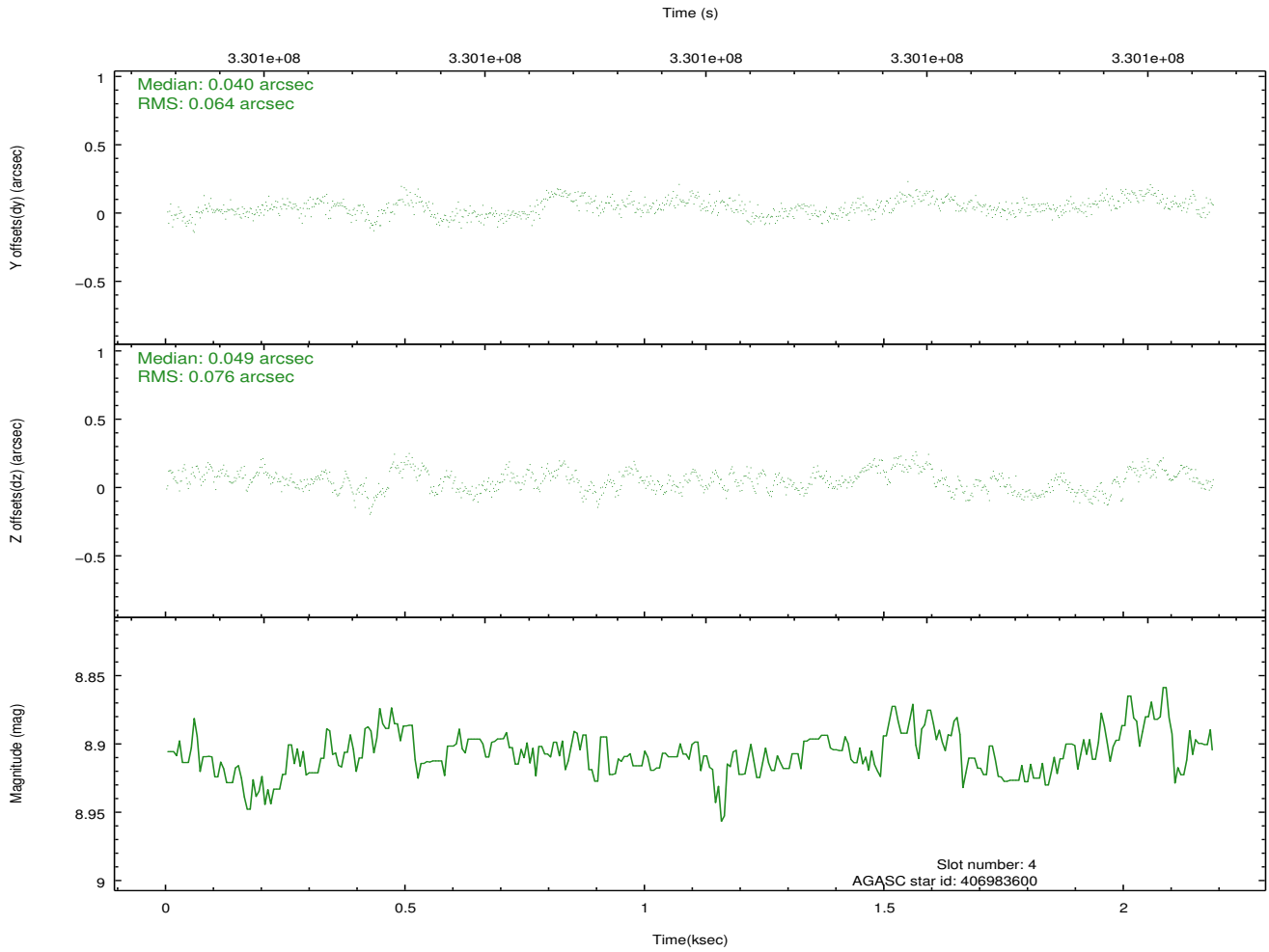
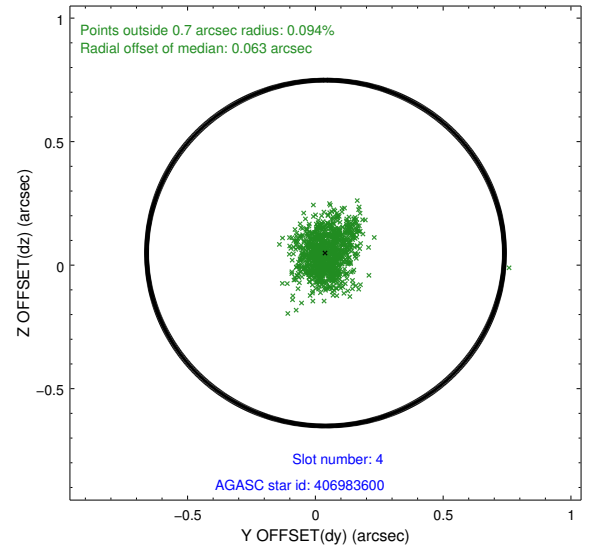
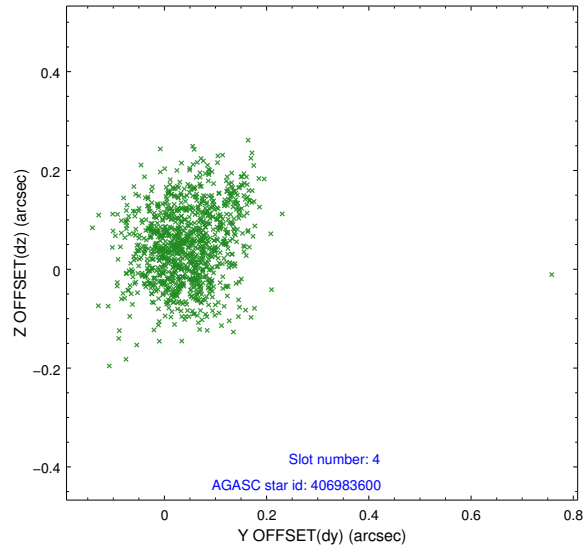
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	534	-0.074	0.044	0.008	0.012	0.000000	0.000000	-770.93	-1301.95
1	FID	HRC-I-2	7.00	534	0.206	-0.107	0.006	0.012	0.000000	0.000000	840.54	-1306.10
2	FID	HRC-I-3	7.05	533	-0.014	-0.027	0.008	0.019	0.000000	0.000000	-1197.79	1000.09
3	GUIDE	406979352	9.24	1067	0.056	0.242	0.109	0.182	279.968297	39.230258	-1547.52	-1984.94
4	GUIDE	406983600	8.91	1067	0.040	0.049	0.102	0.166	279.940957	39.020708	-1655.05	-1236.85
5	GUIDE	406987272	6.93	1067	-0.288	-0.241	0.068	0.104	278.536588	38.437504	1698.84	1715.72
6	GUIDE	407510432	8.16	1067	0.116	0.020	0.103	0.170	278.762778	39.530640	1968.71	-2257.97
7	GUIDE	406989616	8.23	1066	0.079	-0.070	0.068	0.107	279.202881	38.520843	-58.52	997.11

2.4 Star Slots

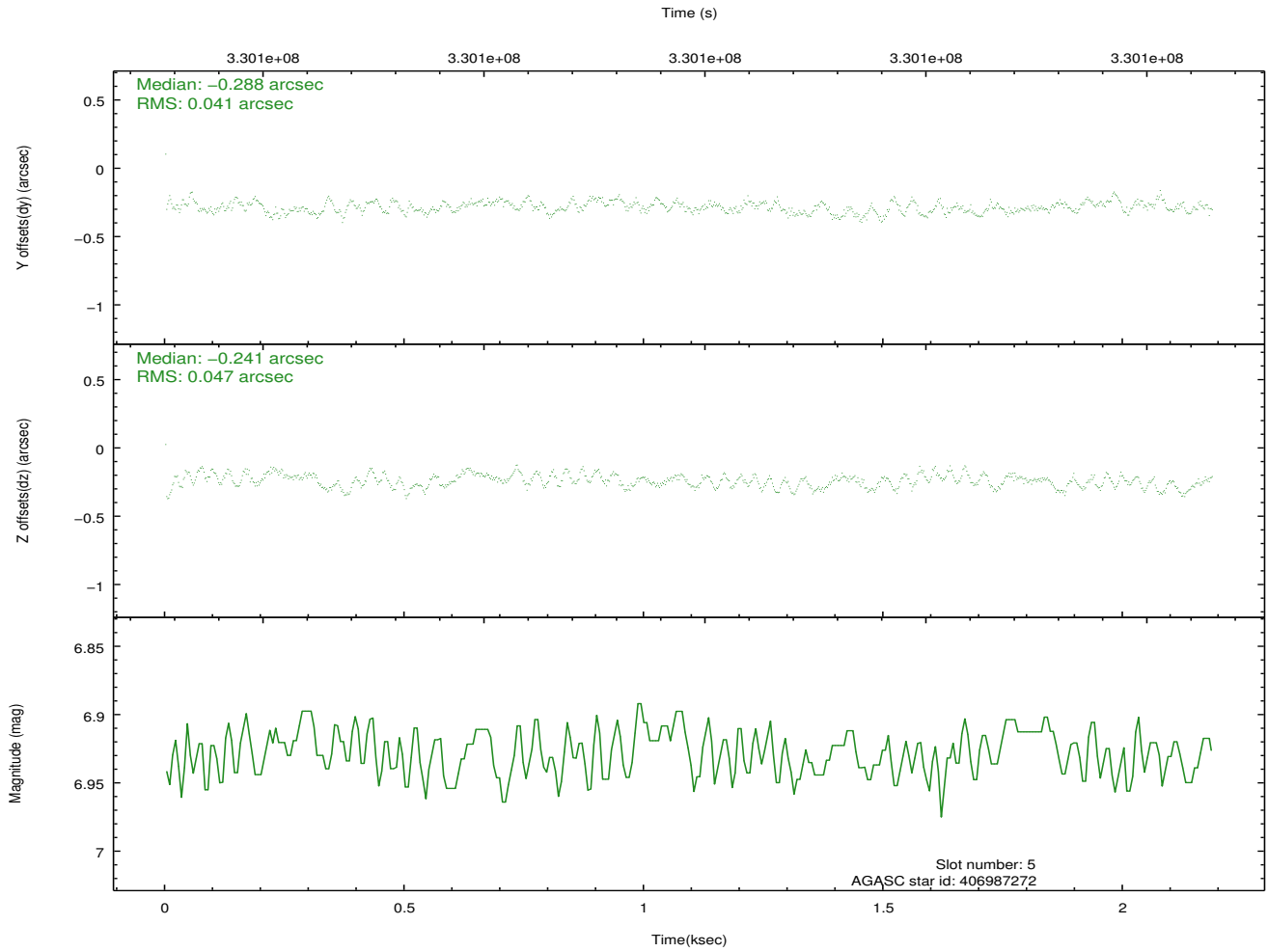
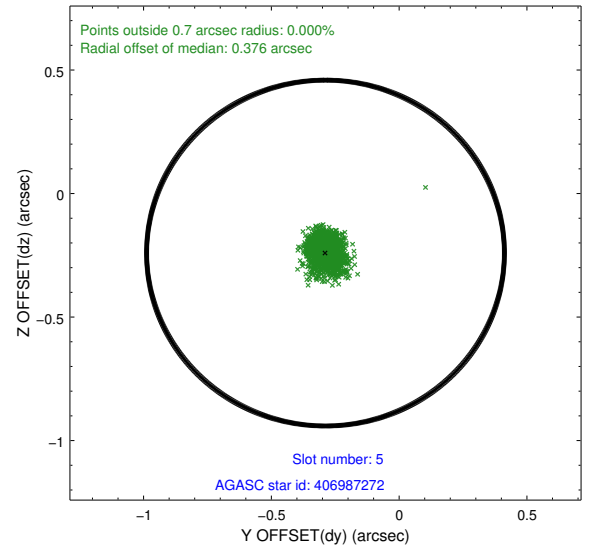
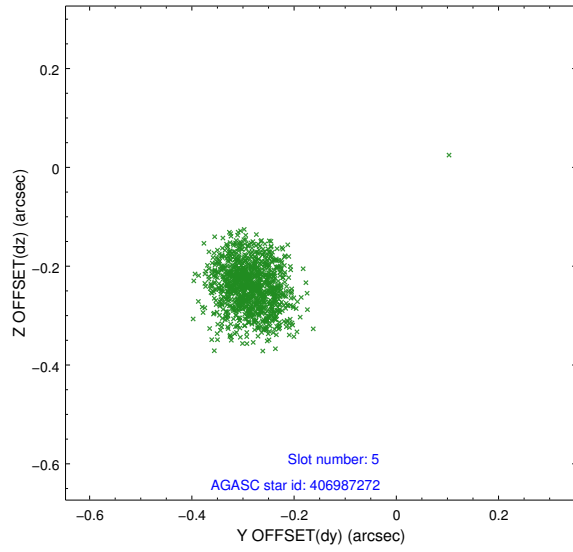
2.4.1 Slot 3



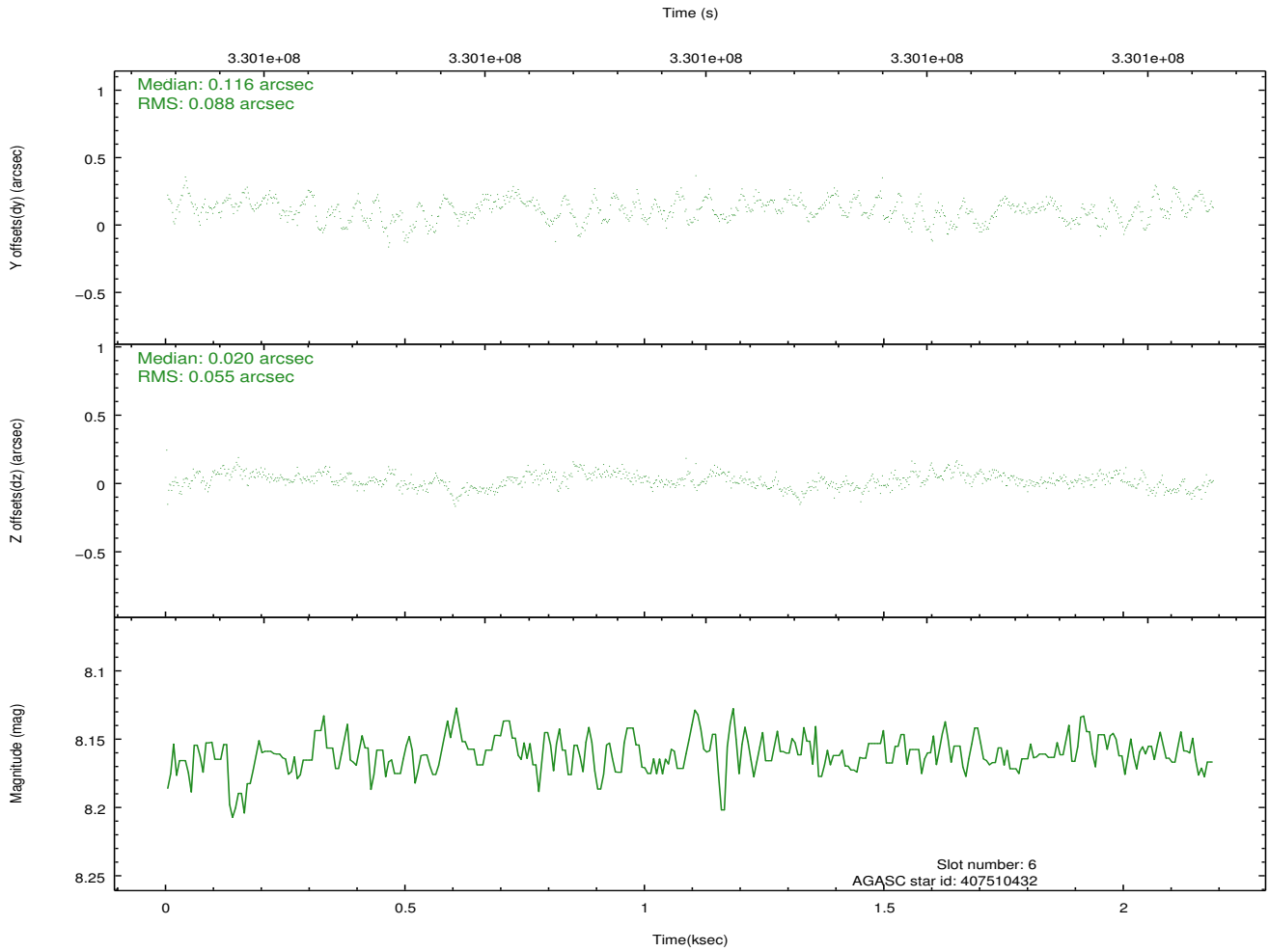
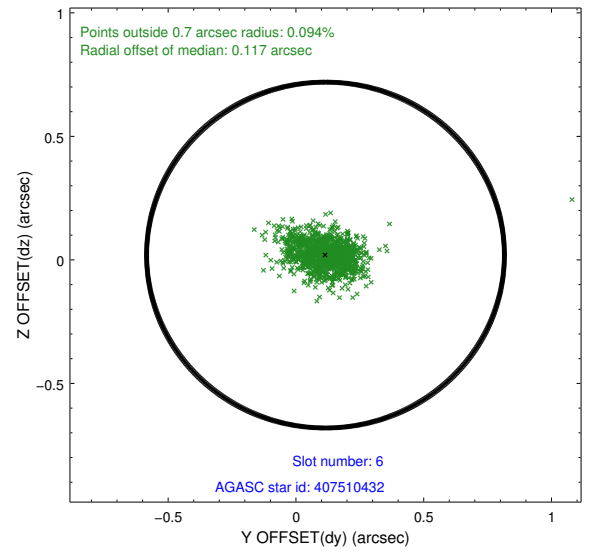
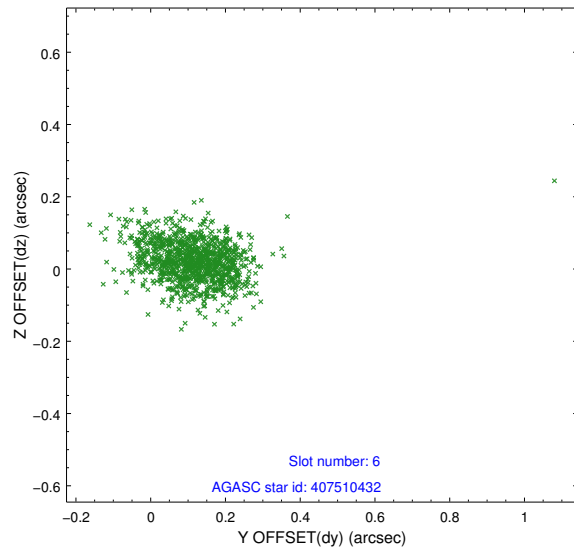
2.4.2 Slot 4



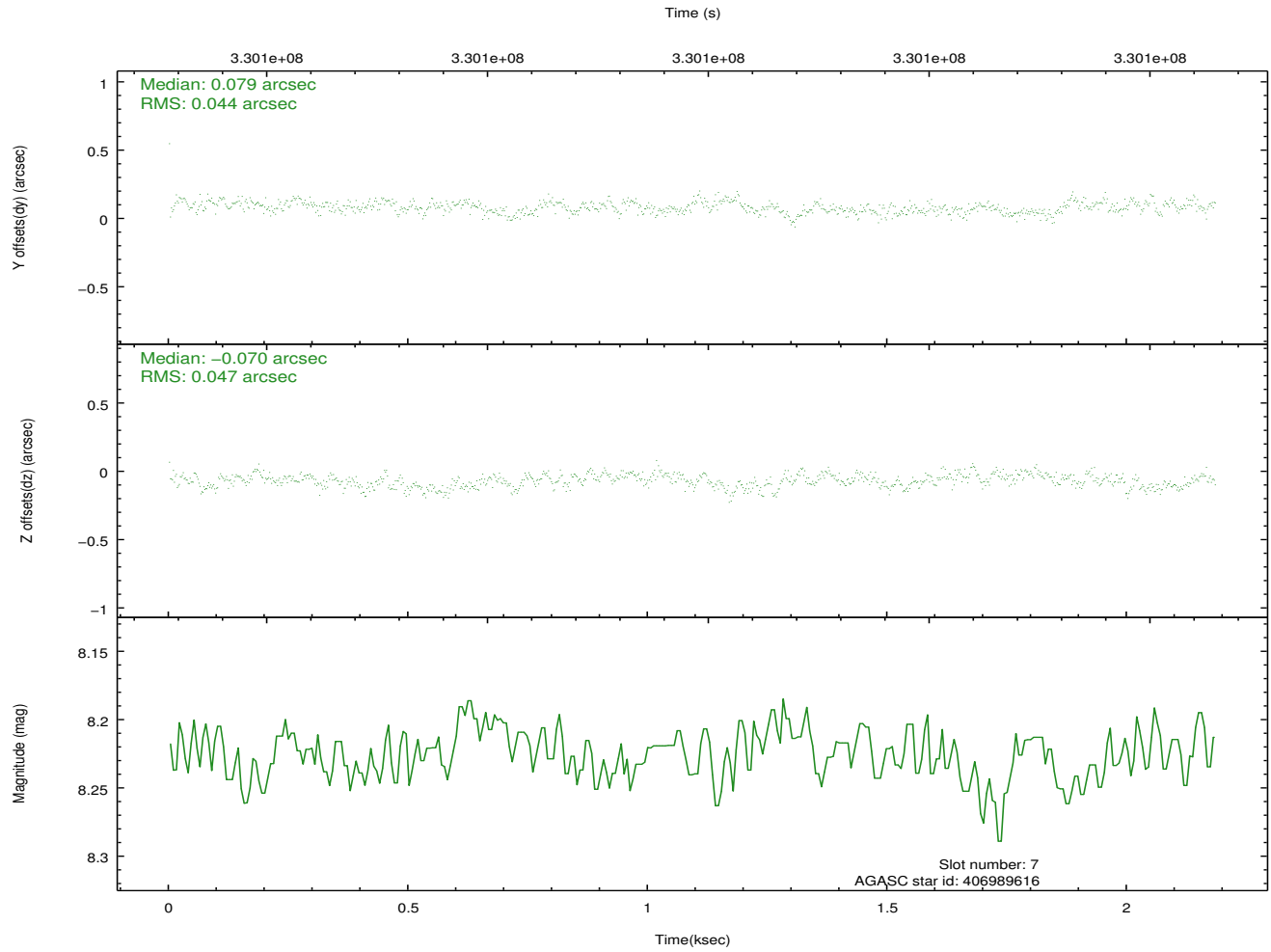
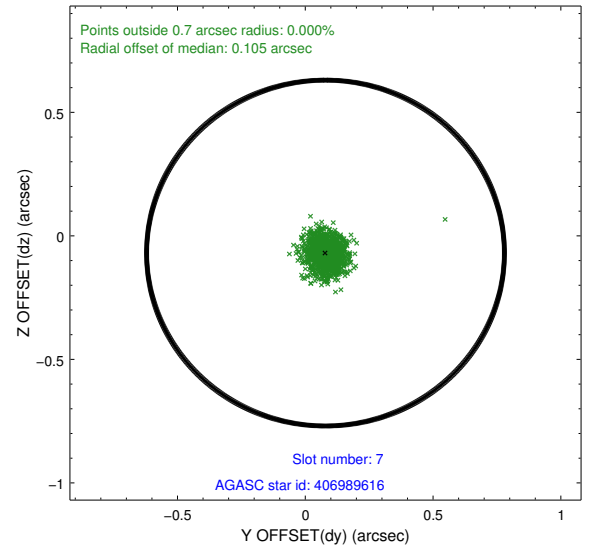
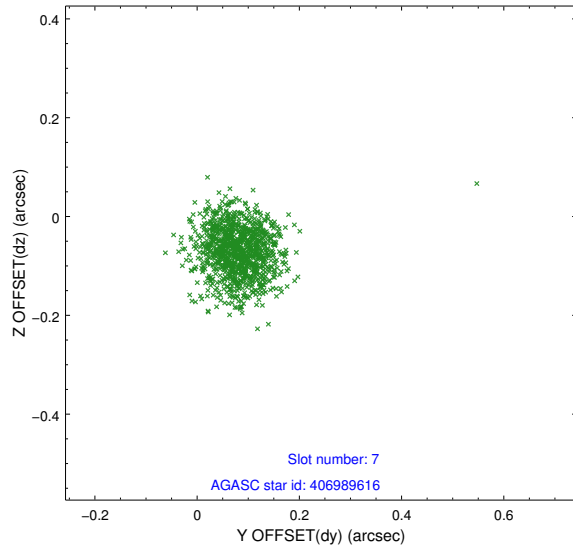
2.4.3 Slot 5



2.4.4 Slot 6

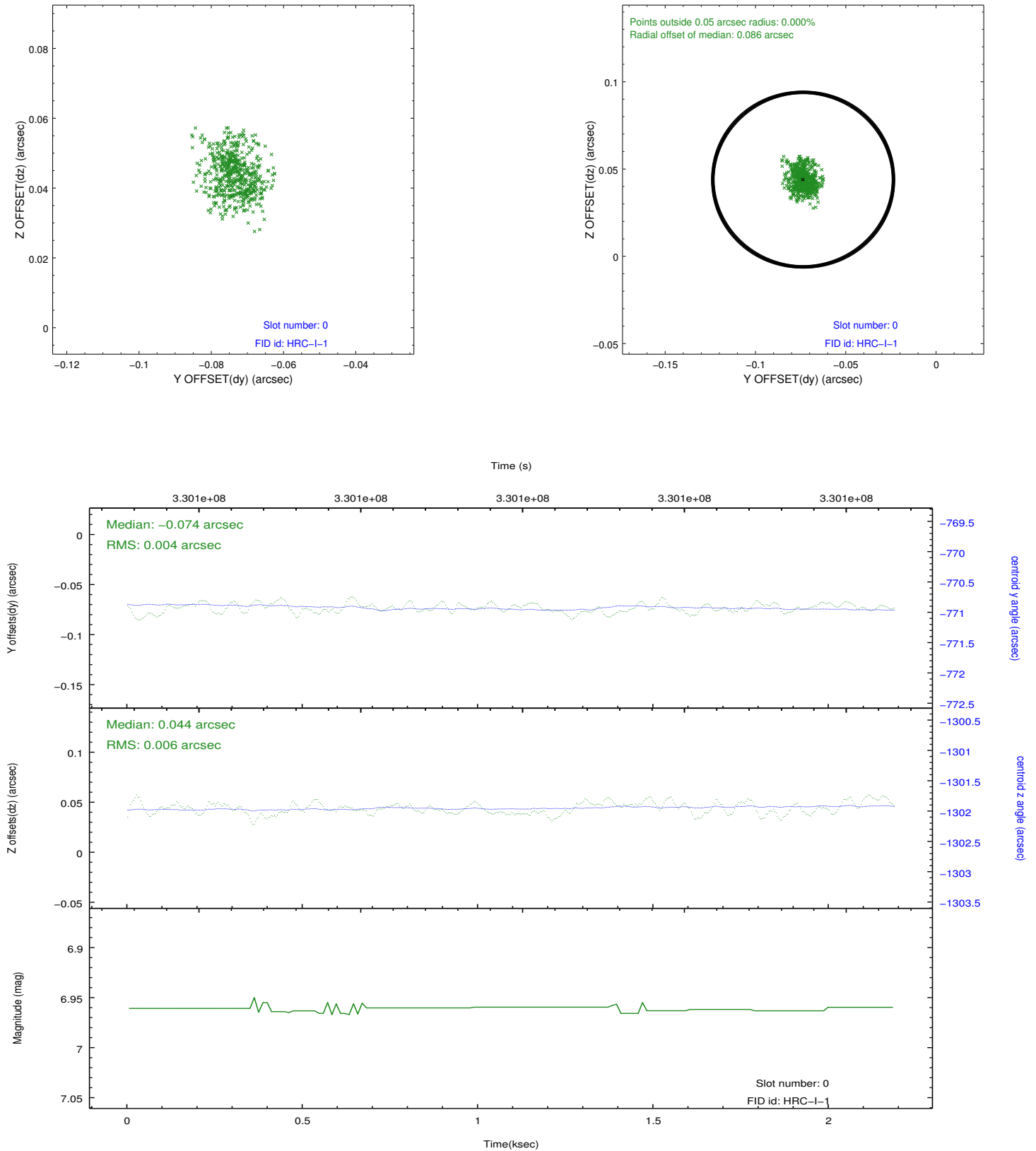


2.4.5 Slot 7

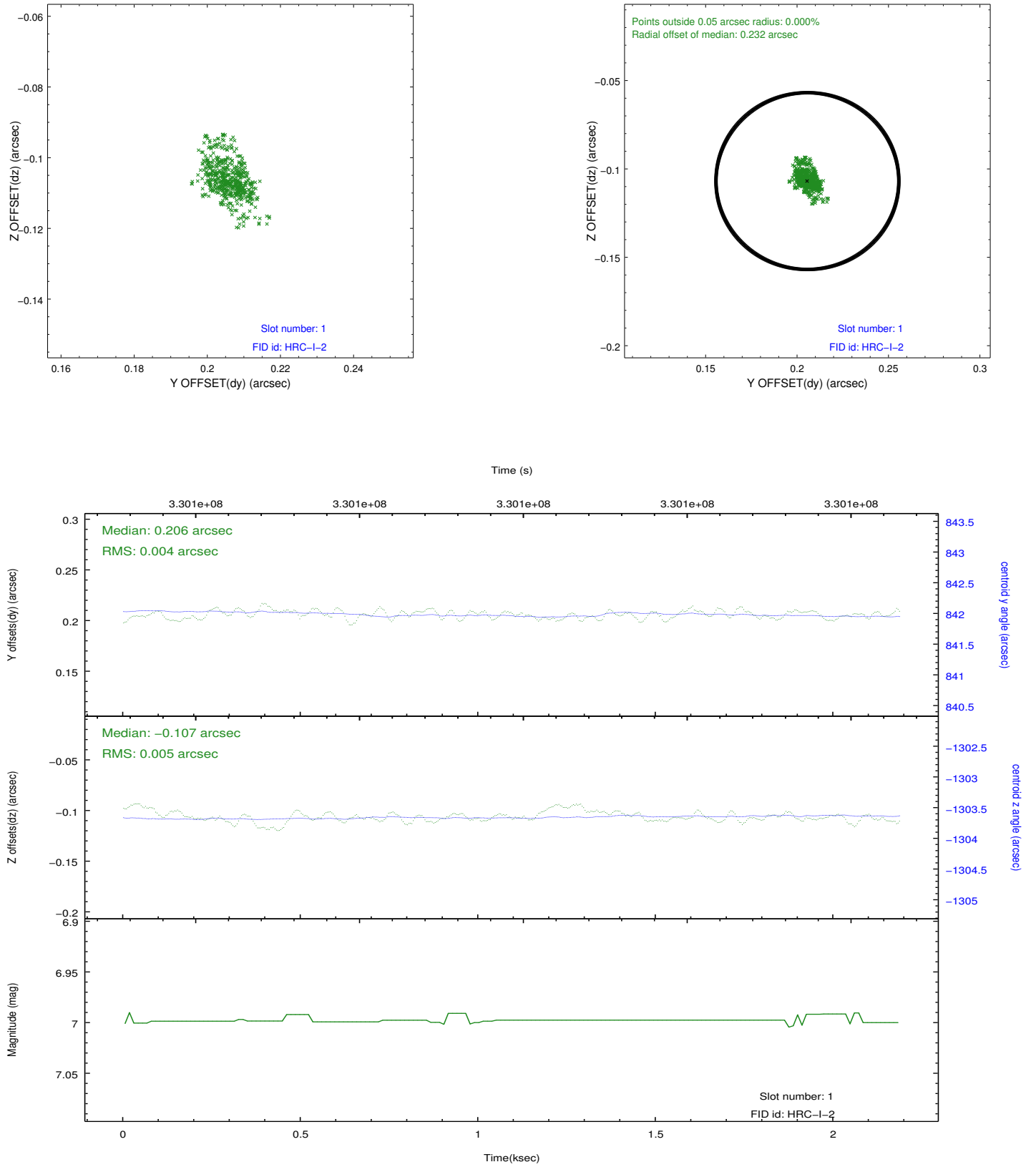


2.5 FID Slots

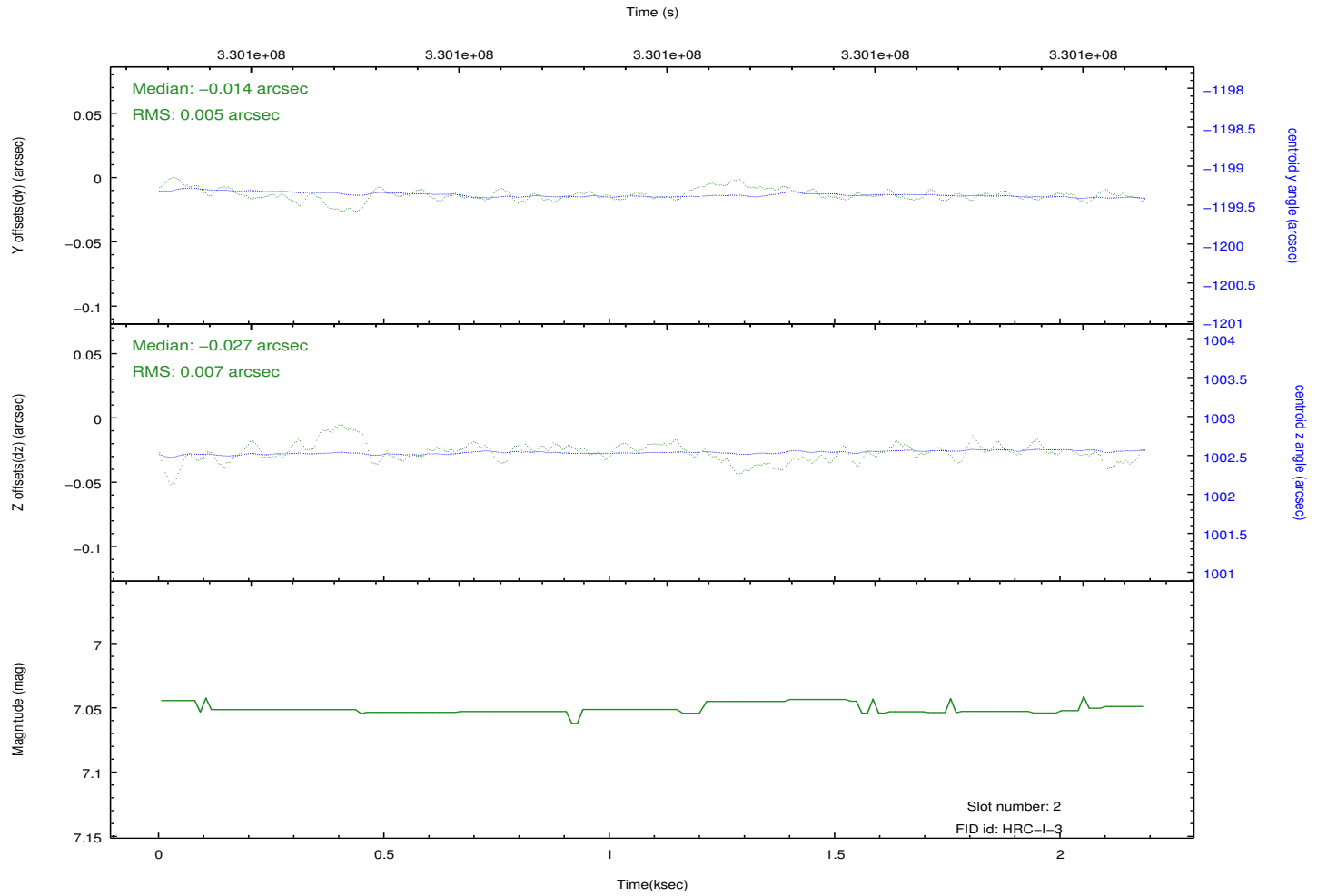
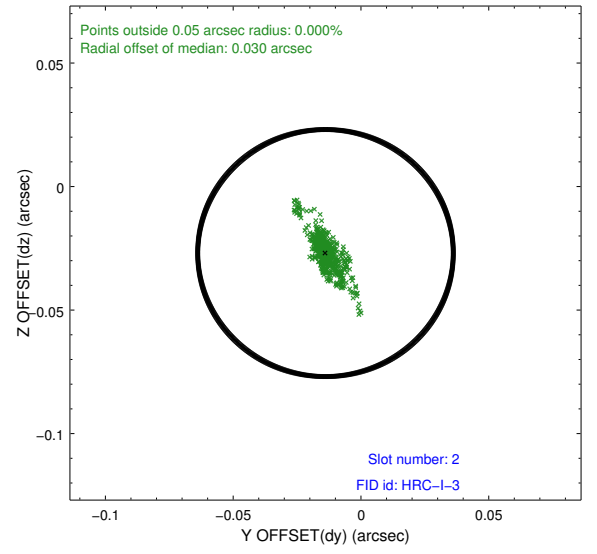
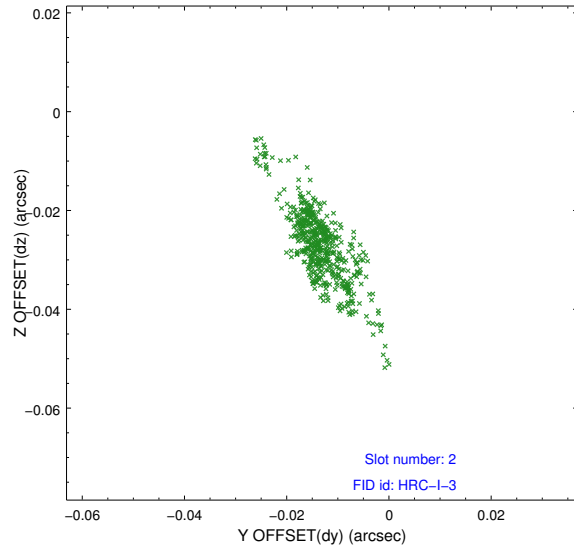
2.5.1 Slot 0



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	2.1832501

A.2 Comments

Window preference met.