

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9624 - L2 Version 3
Chandra X-Ray Center

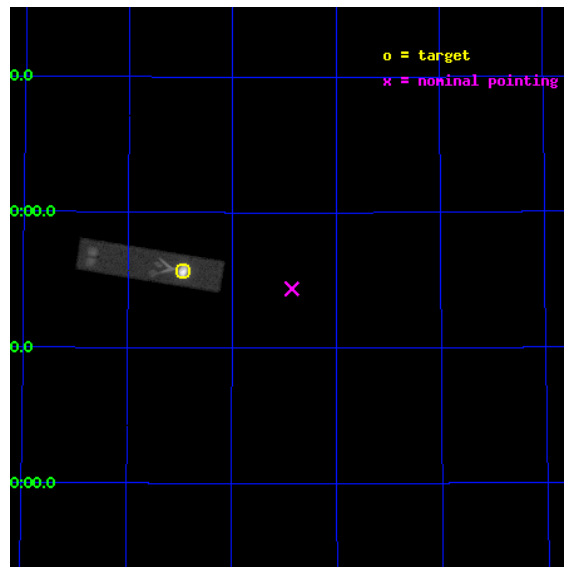
L2 Processing Date : Aug 12 2012

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1 Front

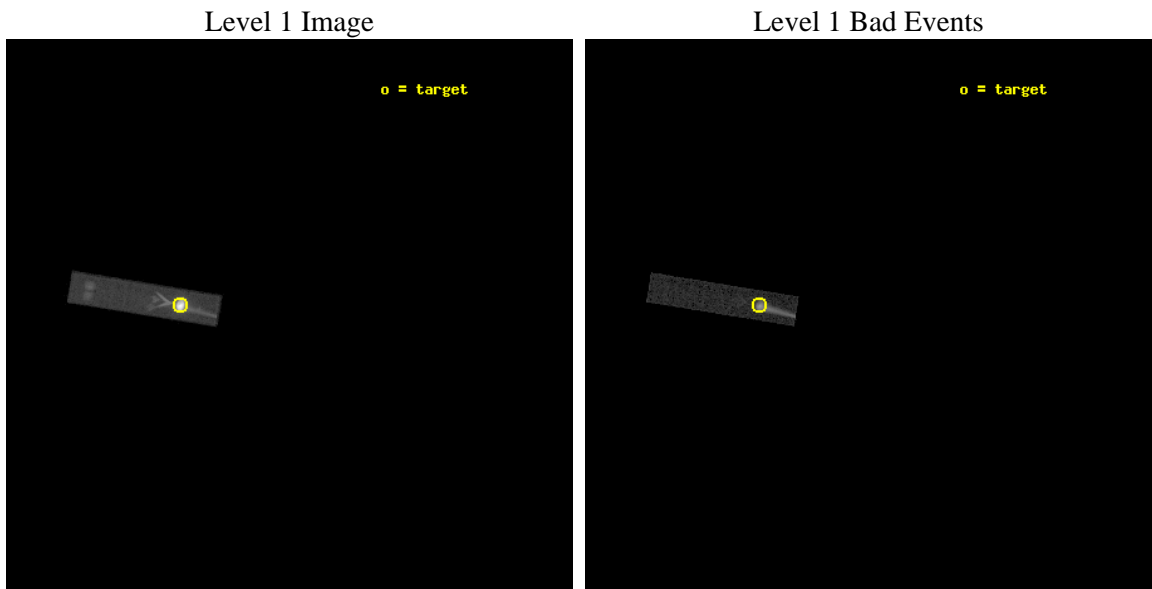
seq_num	290747	Sequence number
obs_id	9624	Observation id
title	AO9 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	278.71326968892	Nominal RA [deg]
dec_nom	38.719873006931	Nominal Dec [deg]
roll_nom	9.1488298034046	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2188.6313560009	[s]
livetime	848.66614898226	Ontime multiplied by DTCOR
l2events	387492	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	2188.6313560009	[s]
caldbver	4.5.1.1	 	l1events	464559	Number of level 1 events
date	2012-08-12T08:57:23	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

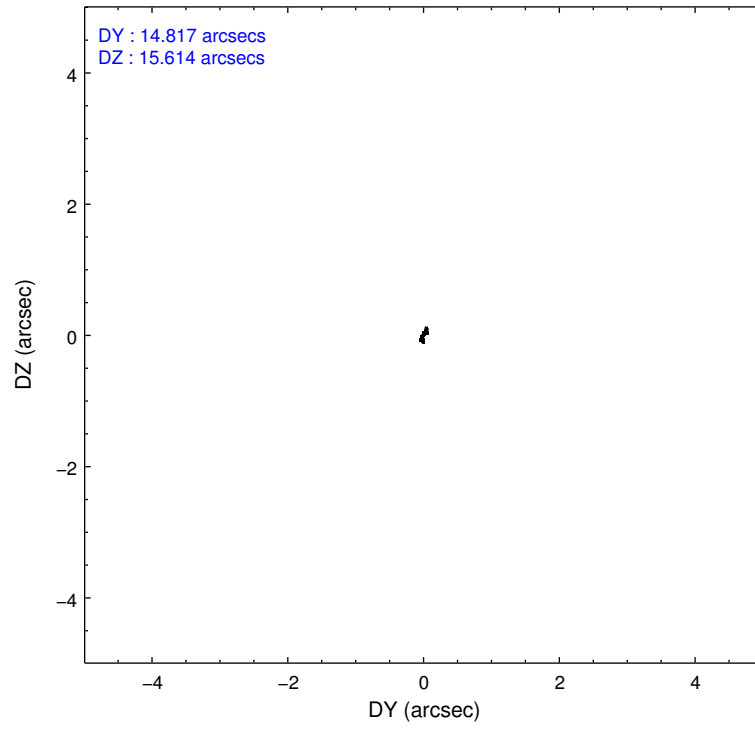
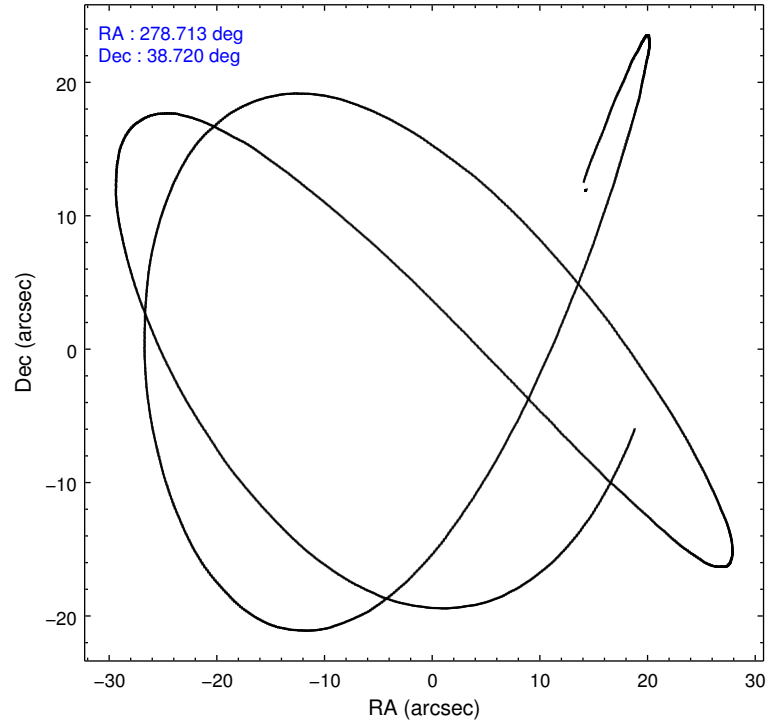
	segment 1	segment 2	segment 3
level 1 events	0	27	464532
rejected events	0	8	60926
rejected %	0%	29%	13%

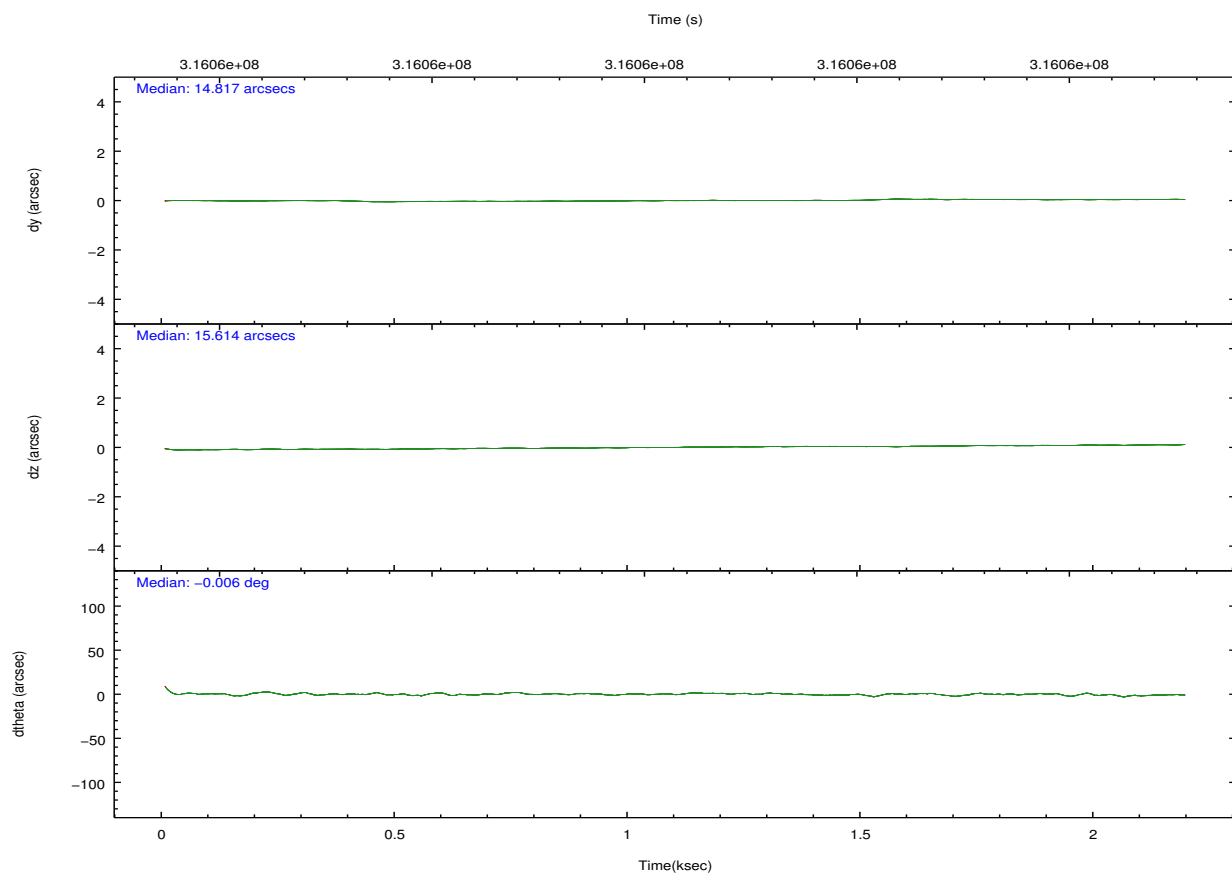
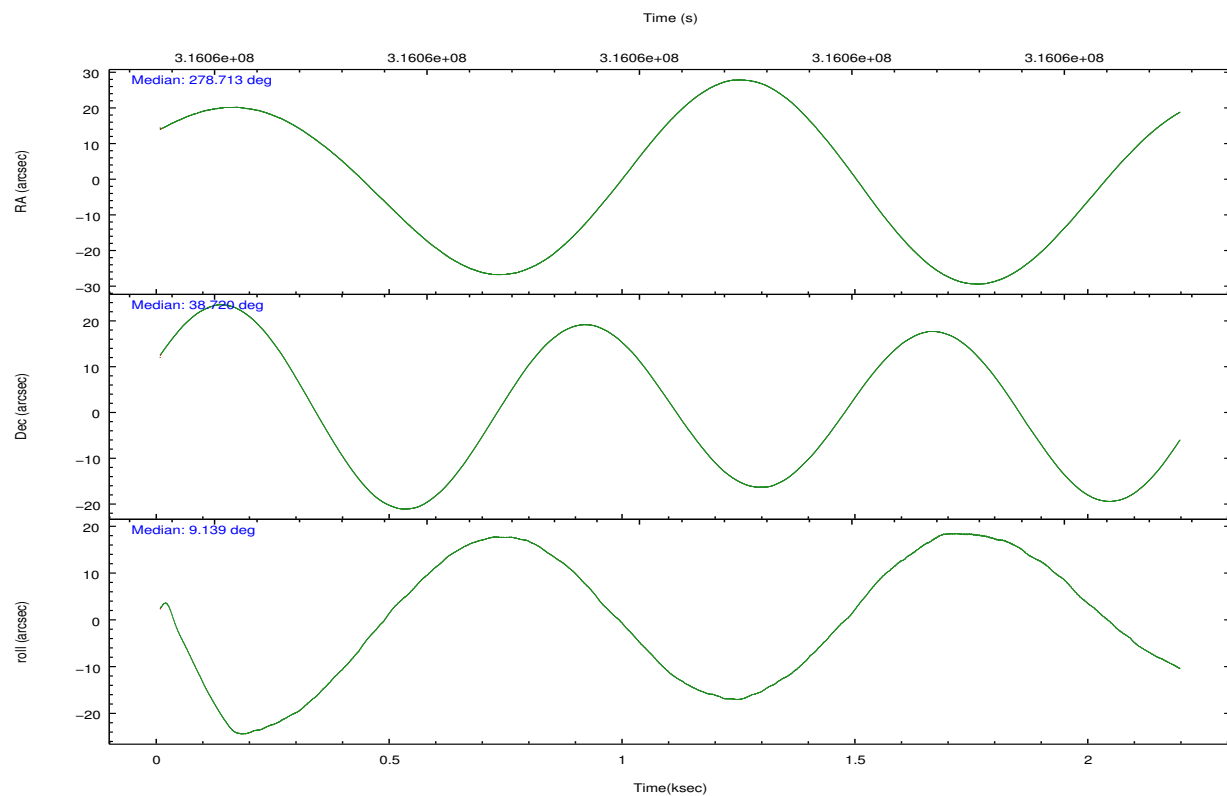
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	278.685891	278.7132696889198
[deg] Pointing Dec	38.700634	38.71987300693108
[deg] Pointing Roll	9.098574	9.148829803404643
[s] Window start time (MET)	312854465.184000	312854465.184000
[s] Window stop time (MET)	320544065.184000	320544065.184000
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	316056166.184000	316055787.94071
Observation start date	2008-01-07T01:21:41	2008-01-07T01:16:27
[s] Observation end time (MET)	316058166.184000	316058461.14084
Observation end date	2008-01-07T01:55:01	2008-01-07T02:01:01

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

2.3 Aspect



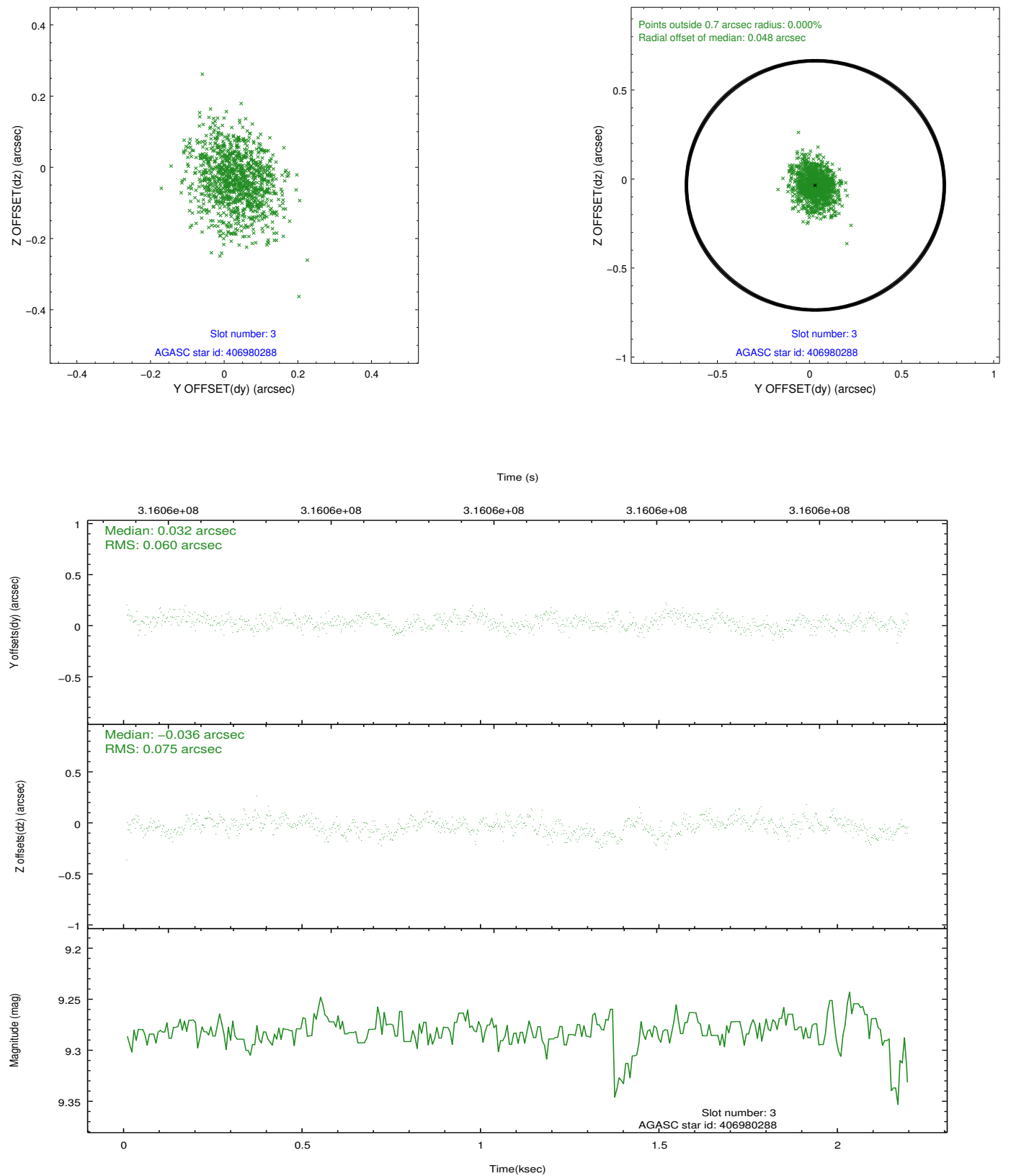


Slot Statistics

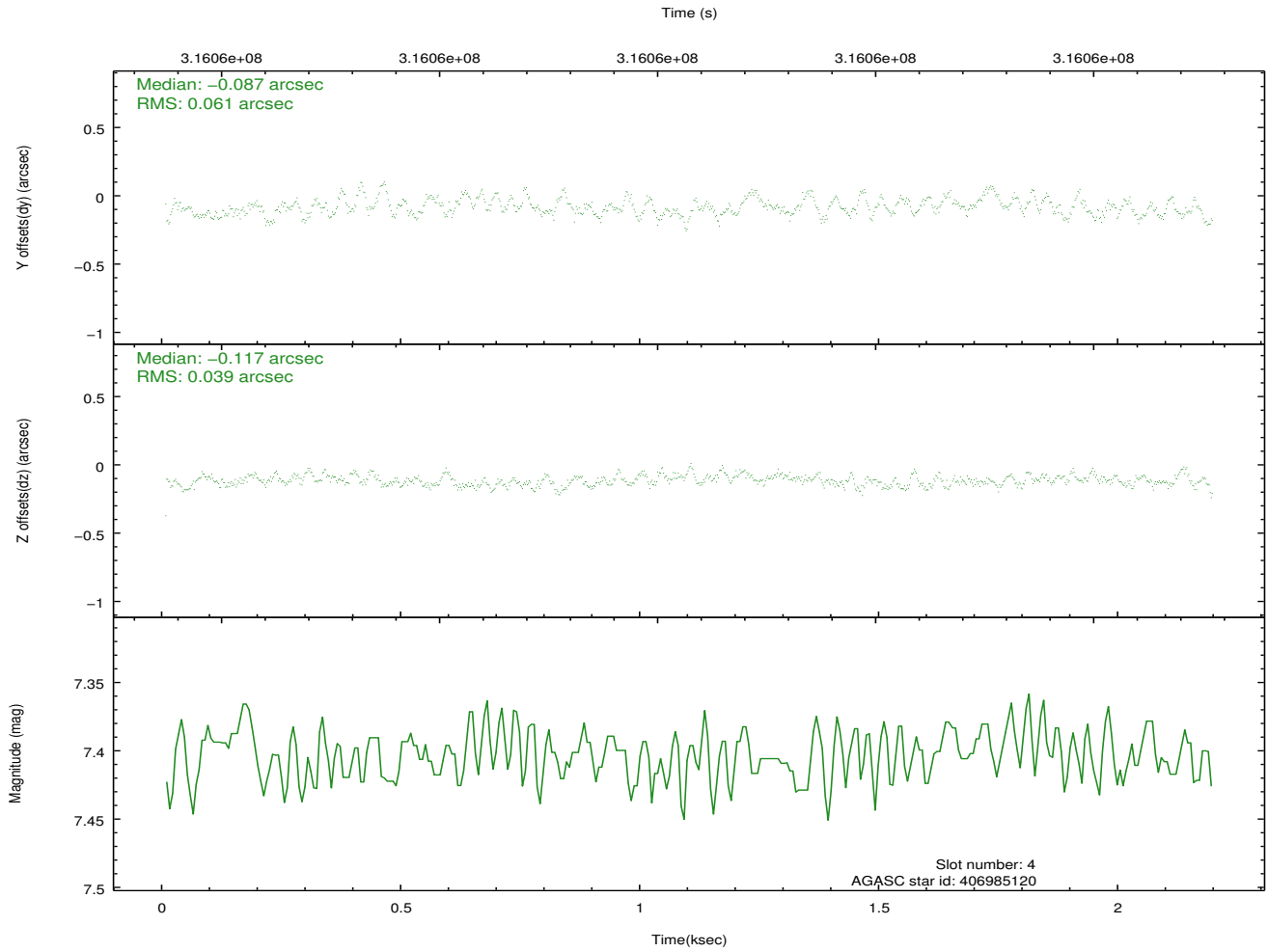
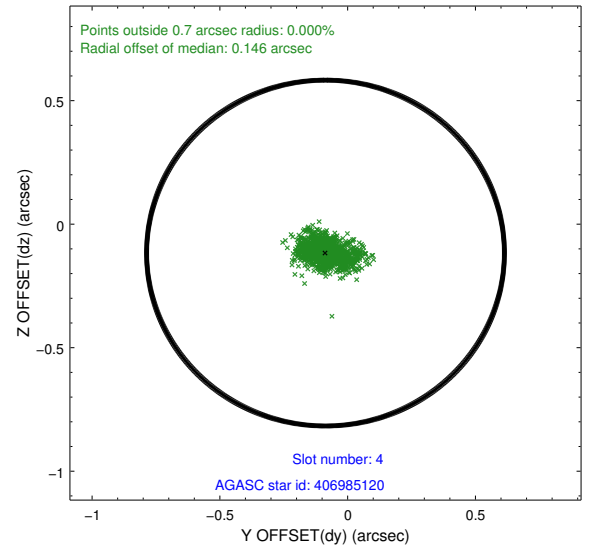
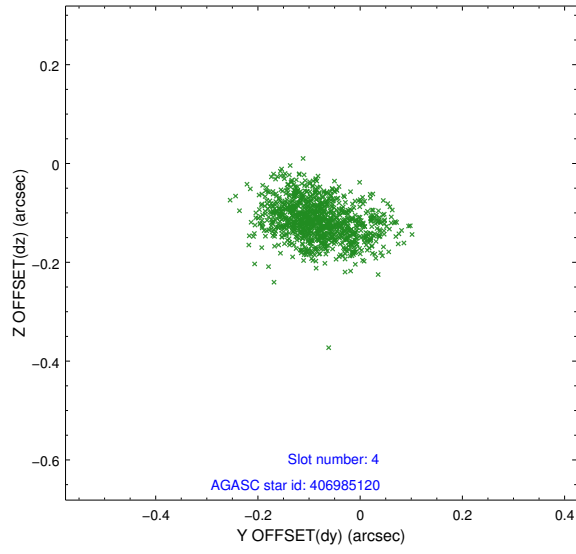
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	535	0.043	-0.214	0.007	0.012	0.000000	0.000000	-1169.22	-464.58
1	FID	HRC-S-3	7.01	535	0.155	-0.020	0.008	0.013	0.000000	0.000000	-1174.06	564.26
2	FID	HRC-S-4	6.95	535	0.189	-0.063	0.004	0.008	0.000000	0.000000	1226.92	568.80
3	GUIDE	406980288	9.28	1069	0.032	-0.036	0.101	0.163	278.903147	39.061646	806.89	1189.83
4	GUIDE	406985120	7.40	1068	-0.087	-0.117	0.075	0.127	278.839732	38.894839	536.99	623.67
5	GUIDE	406987272	6.95	1069	-0.008	0.069	0.065	0.099	278.536588	38.437504	-564.78	-867.41
6	GUIDE	406989616	8.22	1069	0.039	0.071	0.076	0.118	279.202881	38.520843	1335.97	-865.82
7	GUIDE	406990192	9.00	1066	0.019	0.021	0.092	0.151	278.510952	38.533654	-579.86	-516.06

2.4 Star Slots

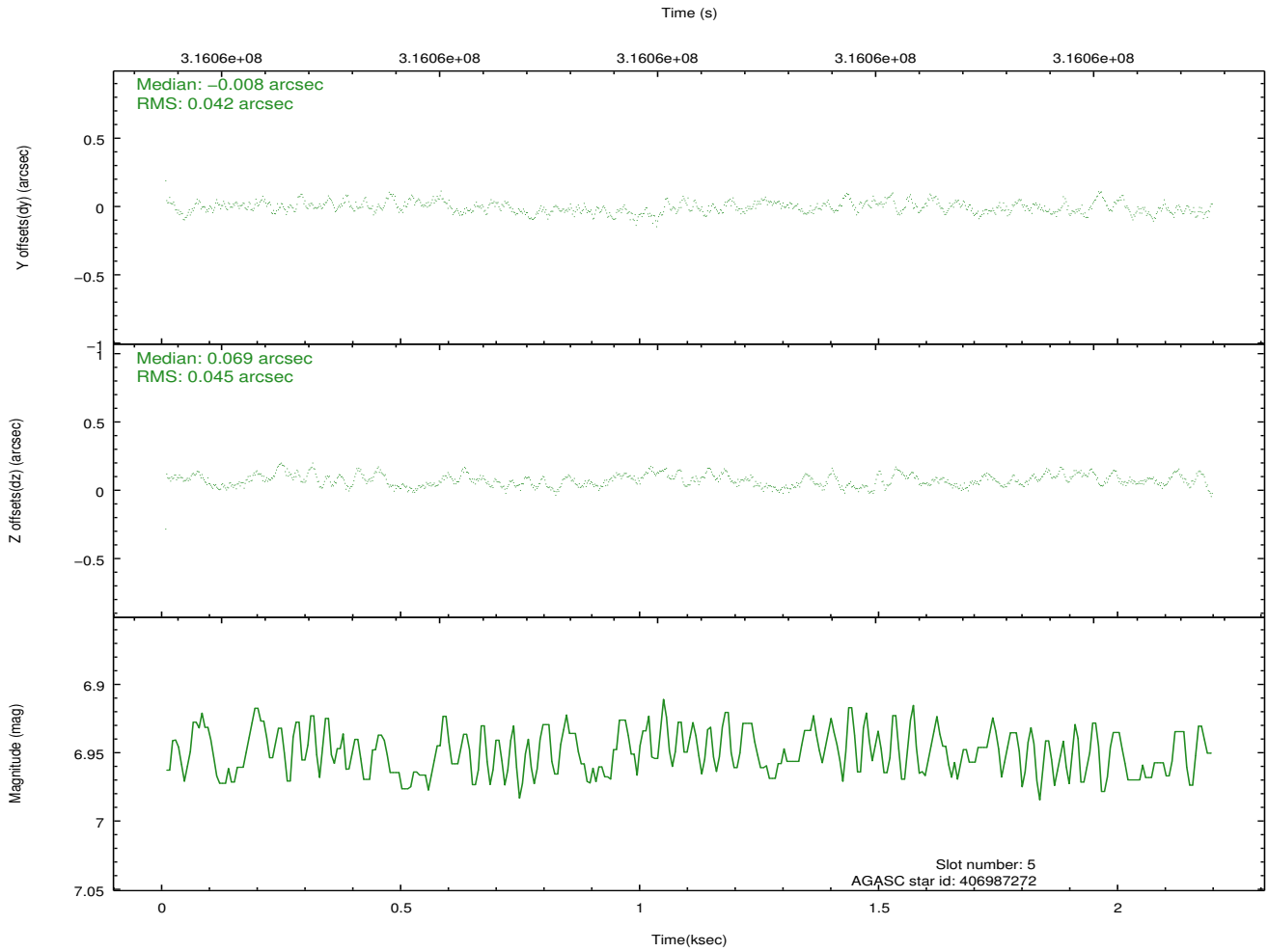
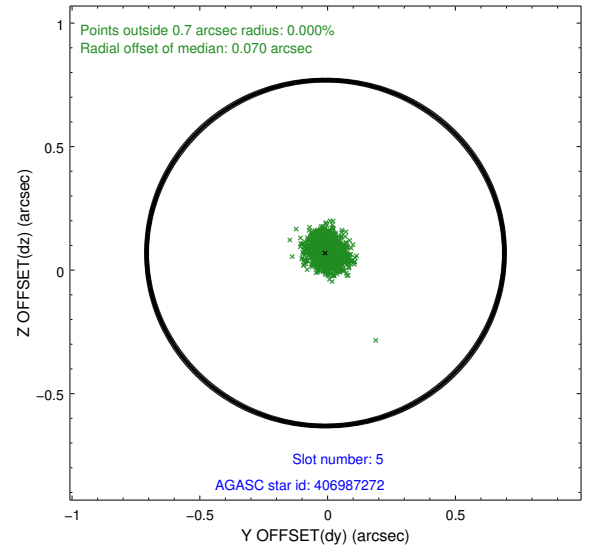
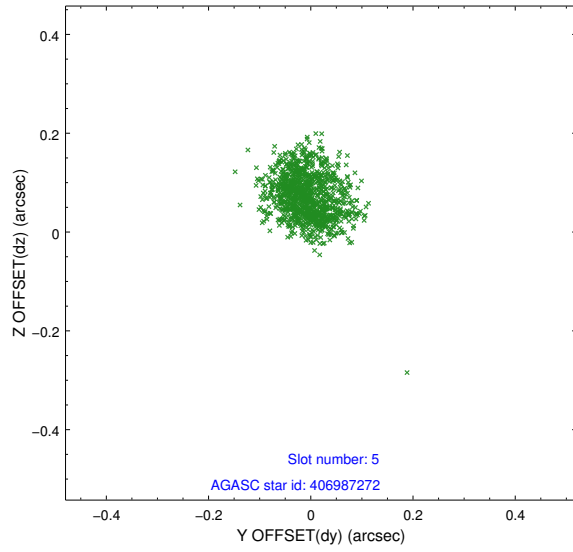
2.4.1 Slot 3



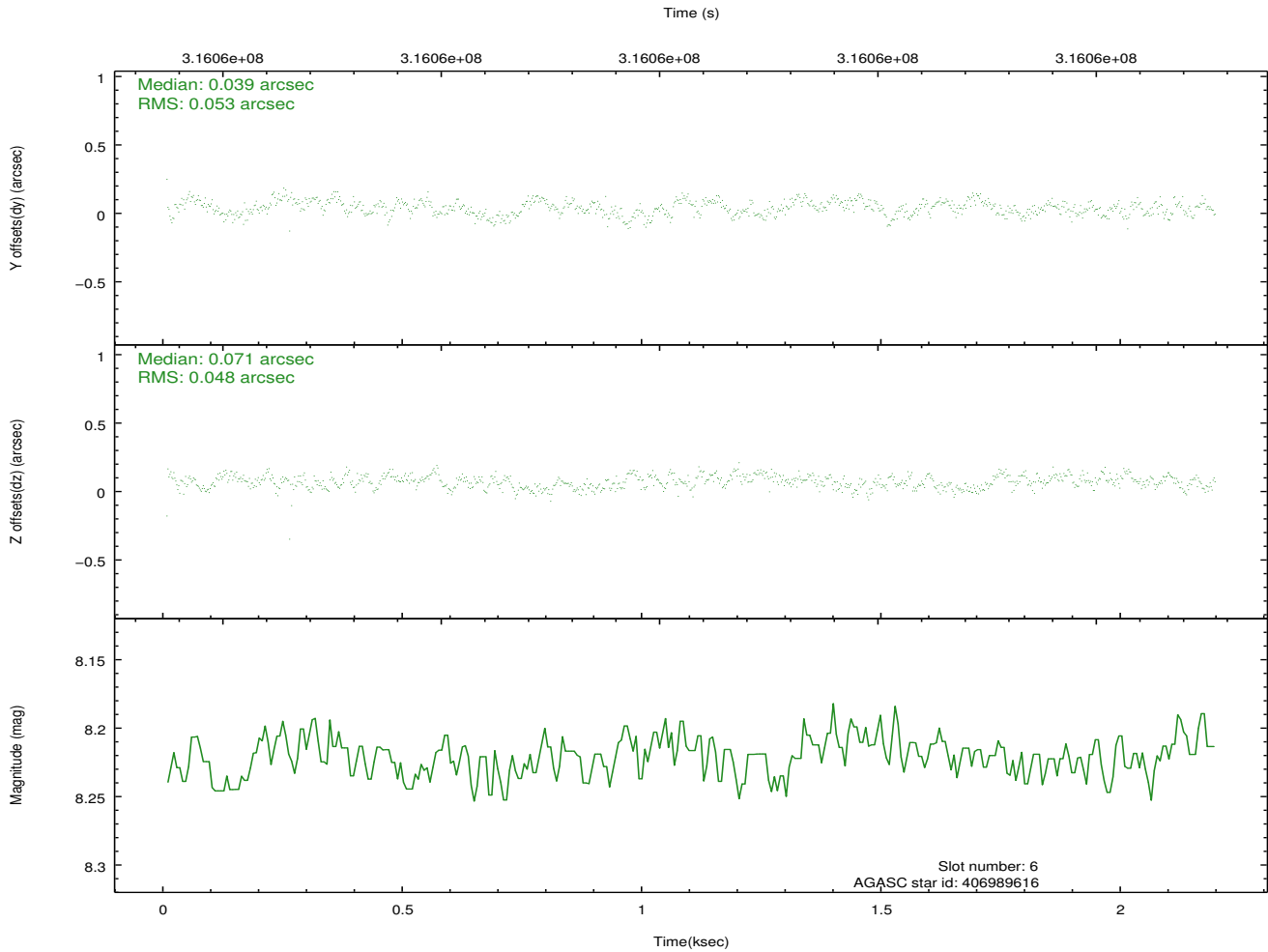
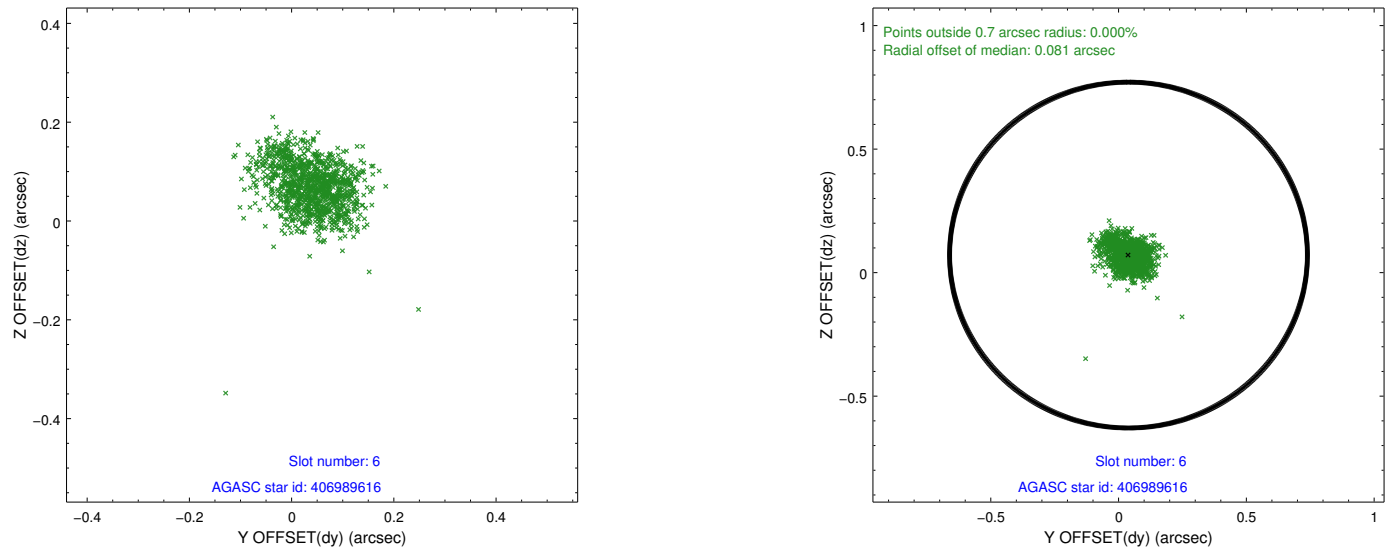
2.4.2 Slot 4



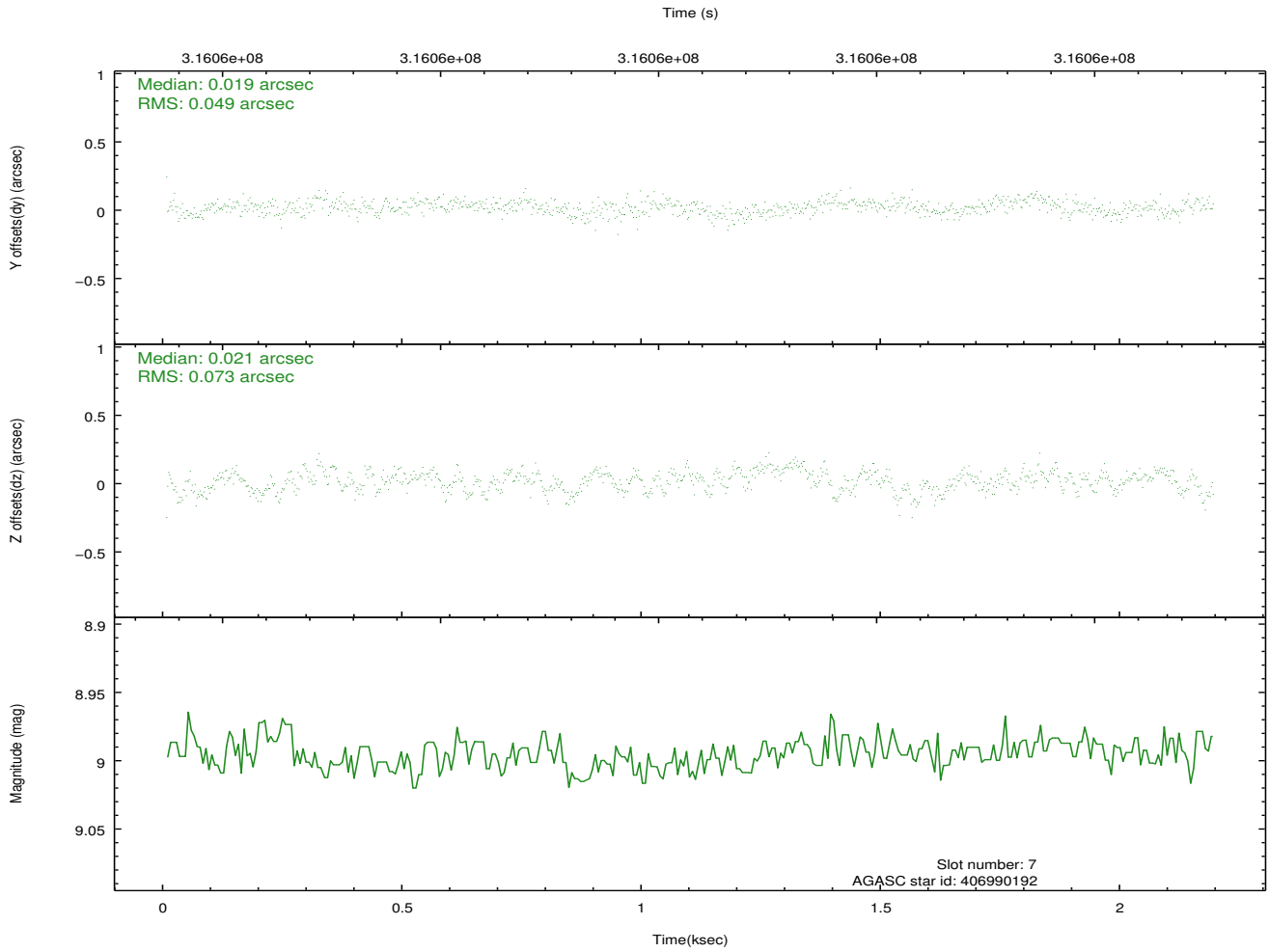
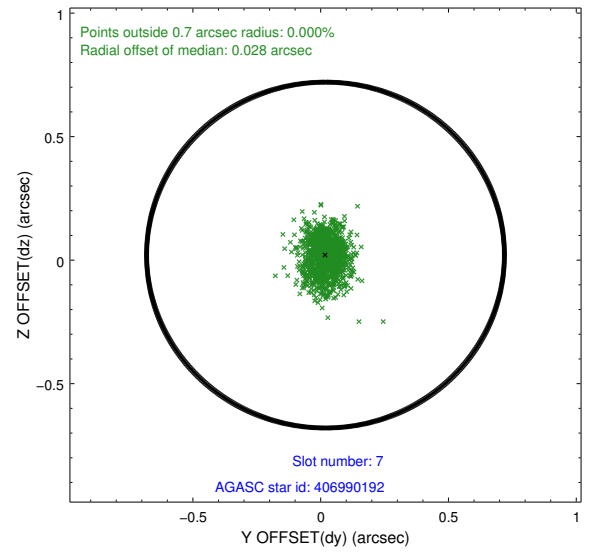
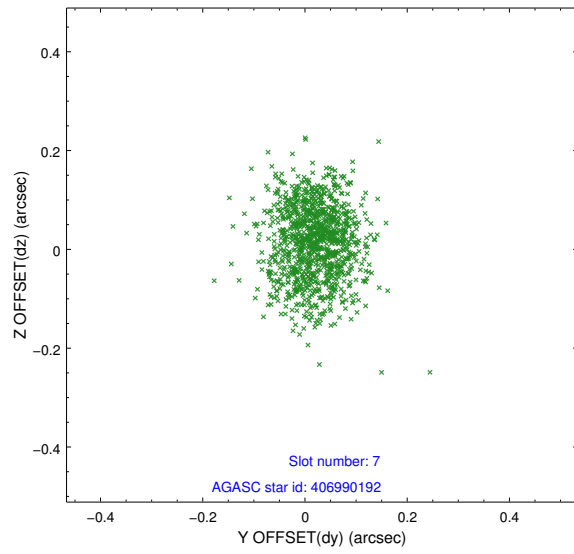
2.4.3 Slot 5



2.4.4 Slot 6

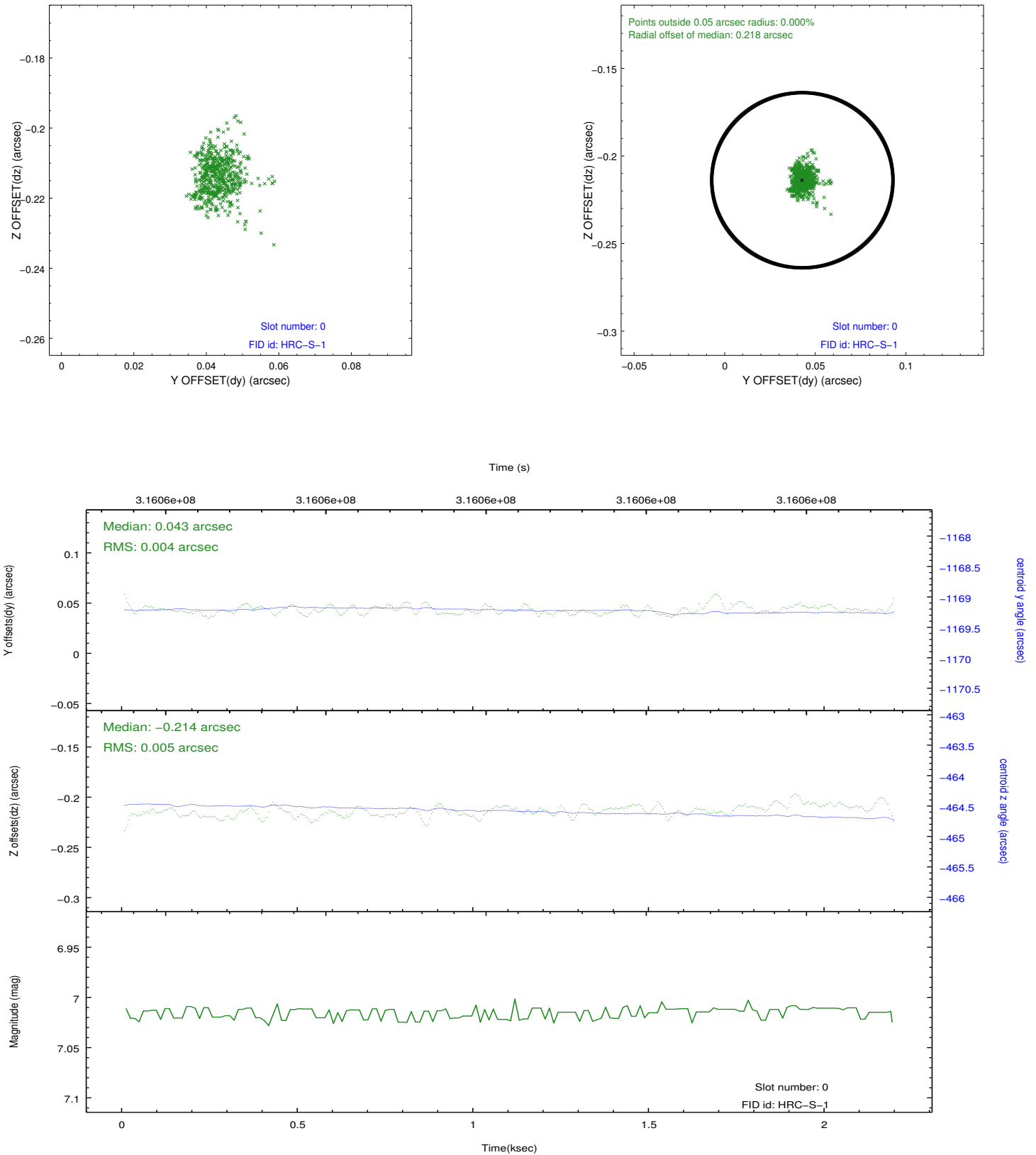


2.4.5 Slot 7

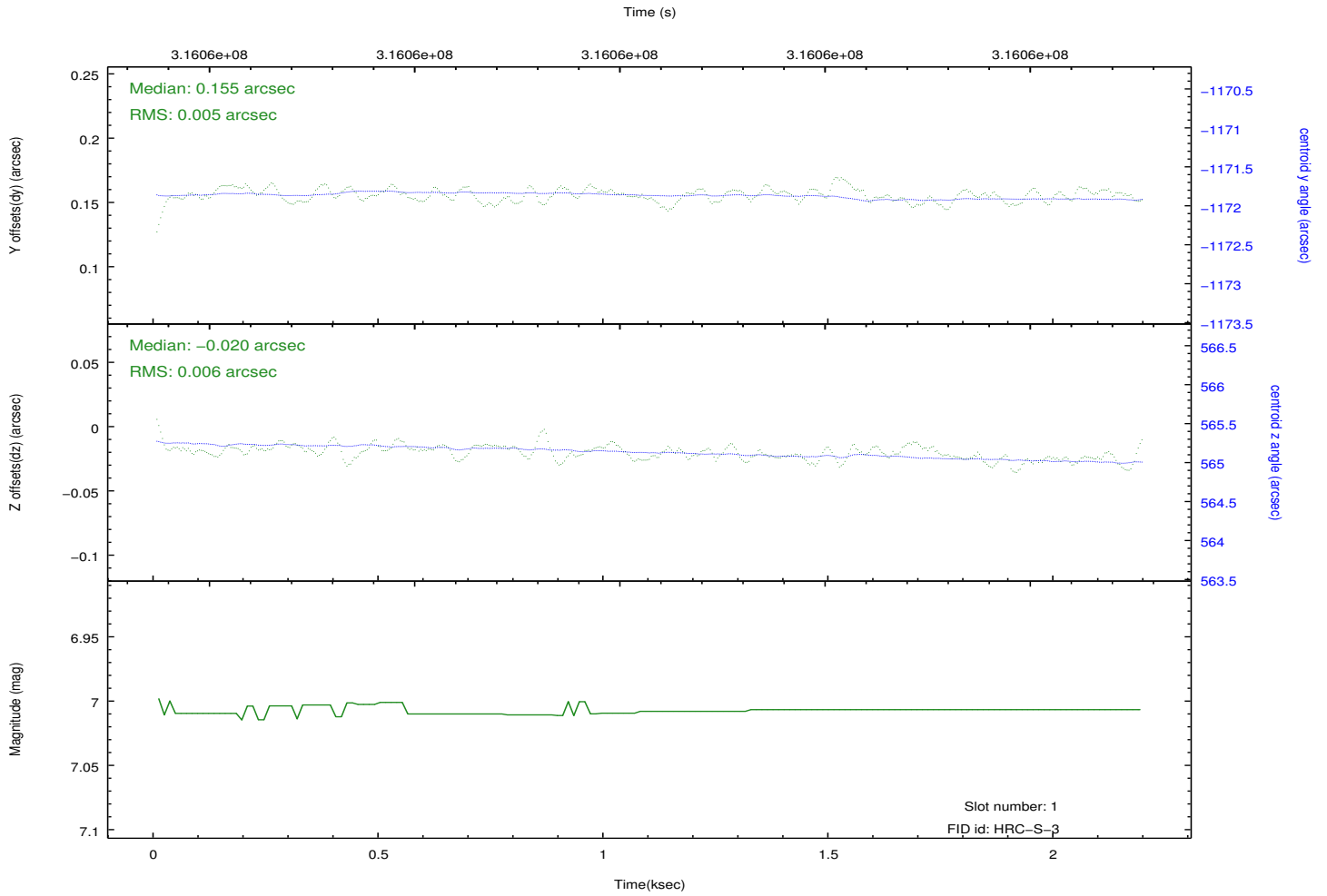
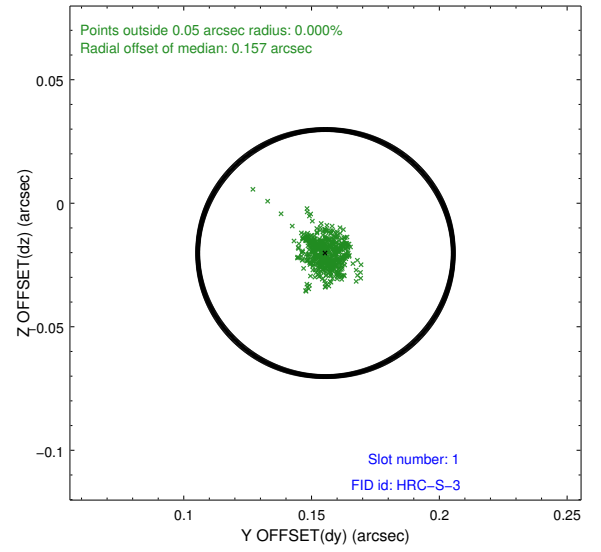
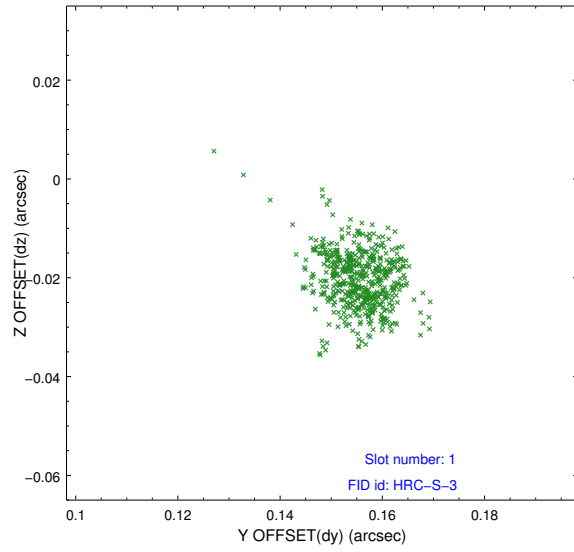


2.5 FID Slots

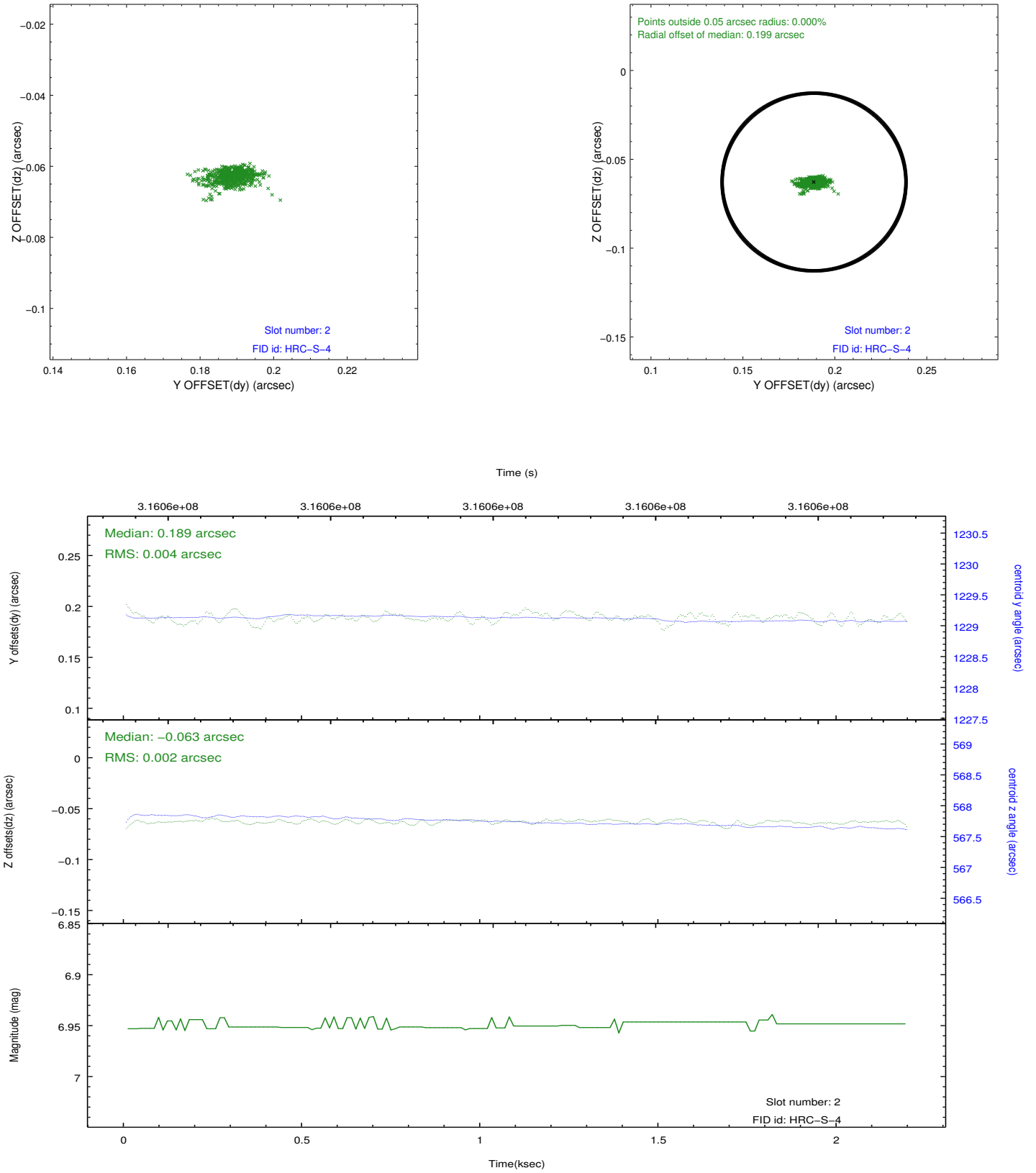
2.5.1 Slot 0



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.