

V&V Reference Report

L2 ASCDS Version : 10.4

Observation 17326 - L2 Version 1
Chandra X-Ray Center

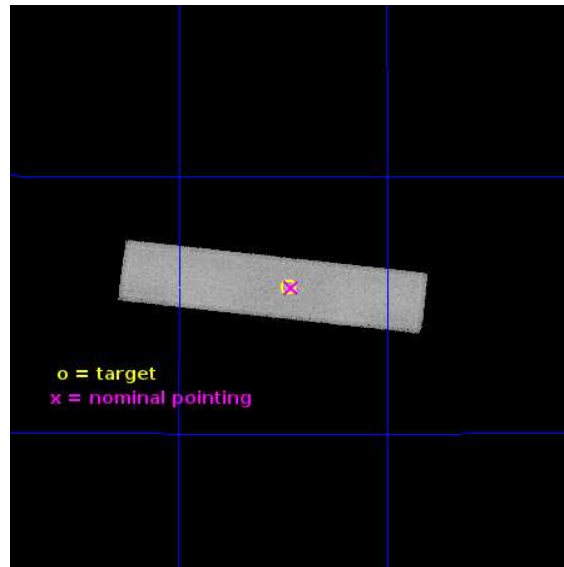
L2 Processing Date : Jul 7 2015

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1 Front

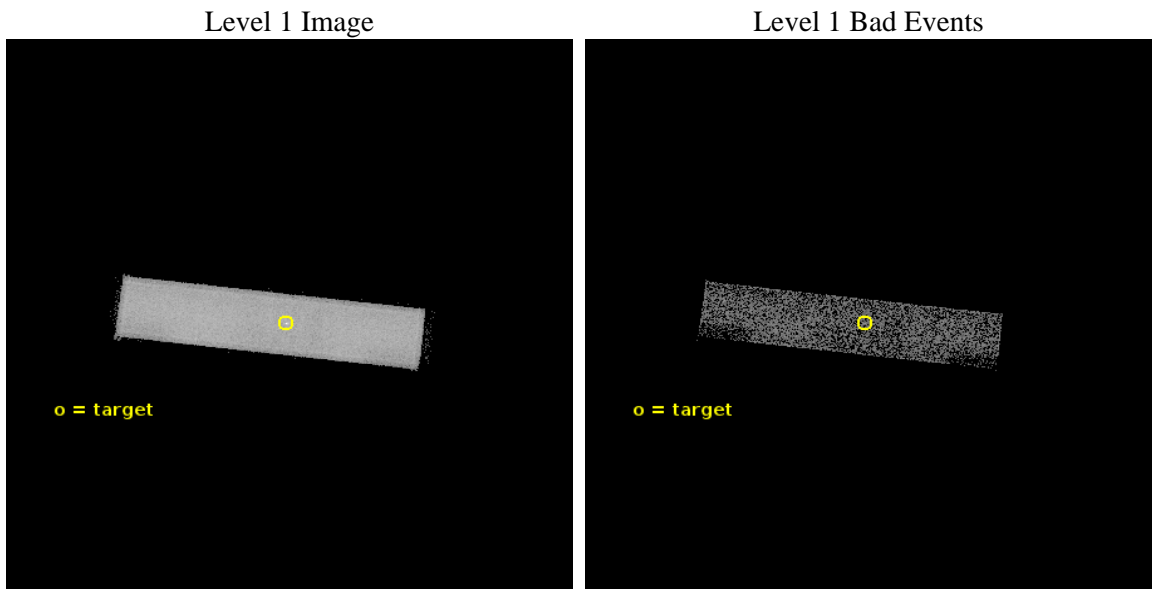
seq_num	291199	Sequence number
obs_id	17326	Observation id
title	AO-16 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235833	Observer's specified target RA [deg]
dec_targ	38.78475	Observer's specified target Dec [deg]
ra_nom	279.22951367278	Nominal RA [deg]
dec_nom	38.78445387576	Nominal Dec [deg]
roll_nom	186.50109747098	Nominal Roll [deg]
revision	1	Processing version of data
ontime	2157.8813716173	[s]
livetime	2127.6530336901	Ontime multiplied by DTCOR
l2events	151299	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	10.4	Processing system revision	ontime	2157.8813716173	[s]
caldbver	4.6.7	 	l1events	194154	Number of level 1 events
date	2015-07-07T05:45:19	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

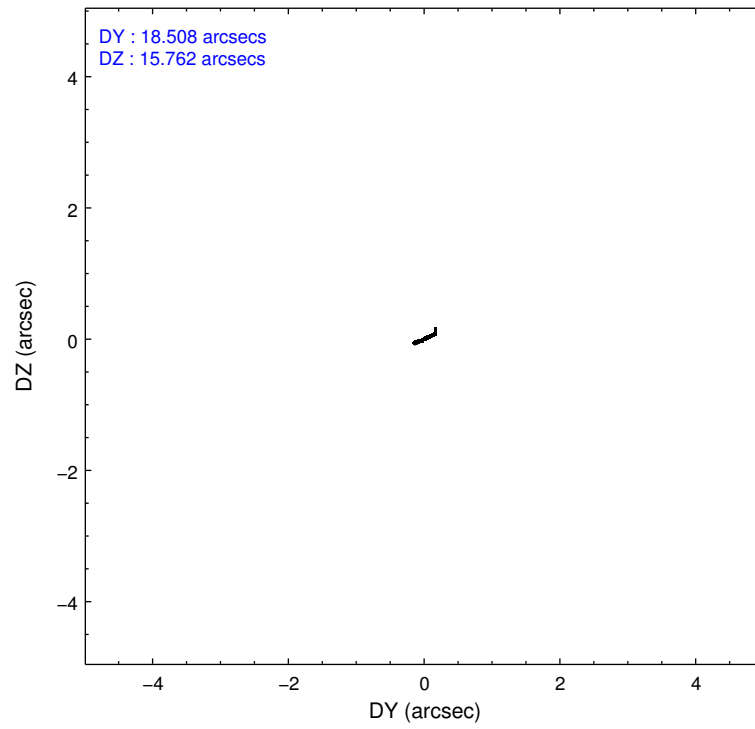
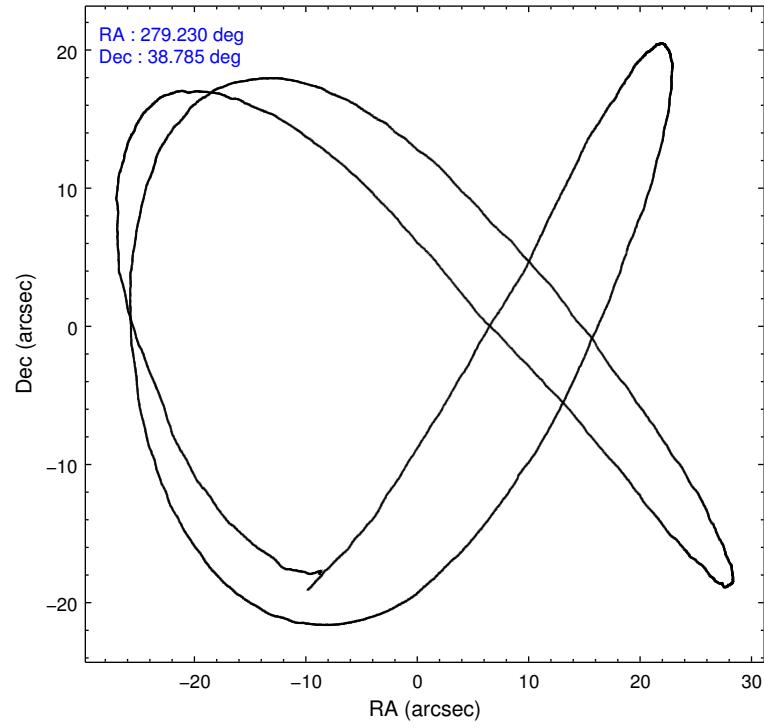
	segment 1	segment 2	segment 3
level 1 events	0	194154	0
rejected events	0	25288	0
rejected %	0%	13%	0%

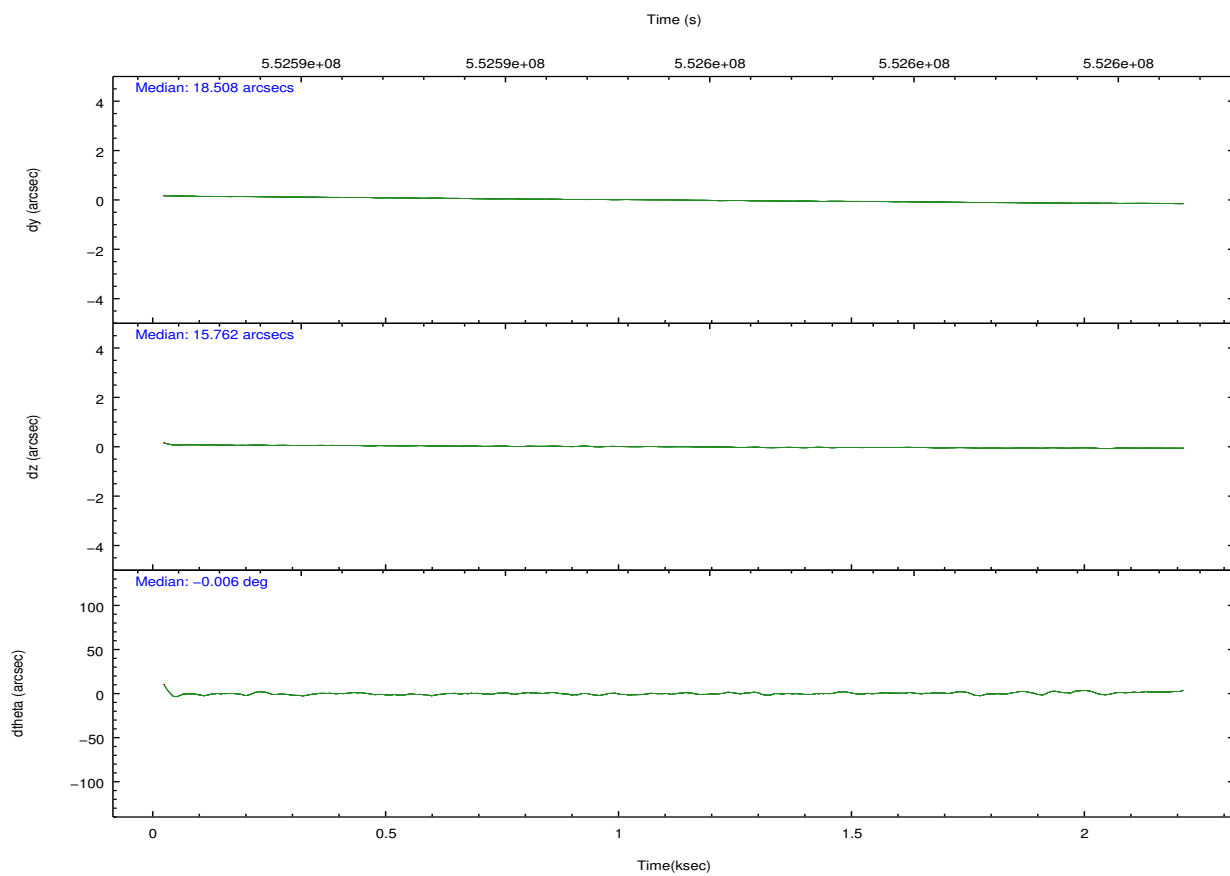
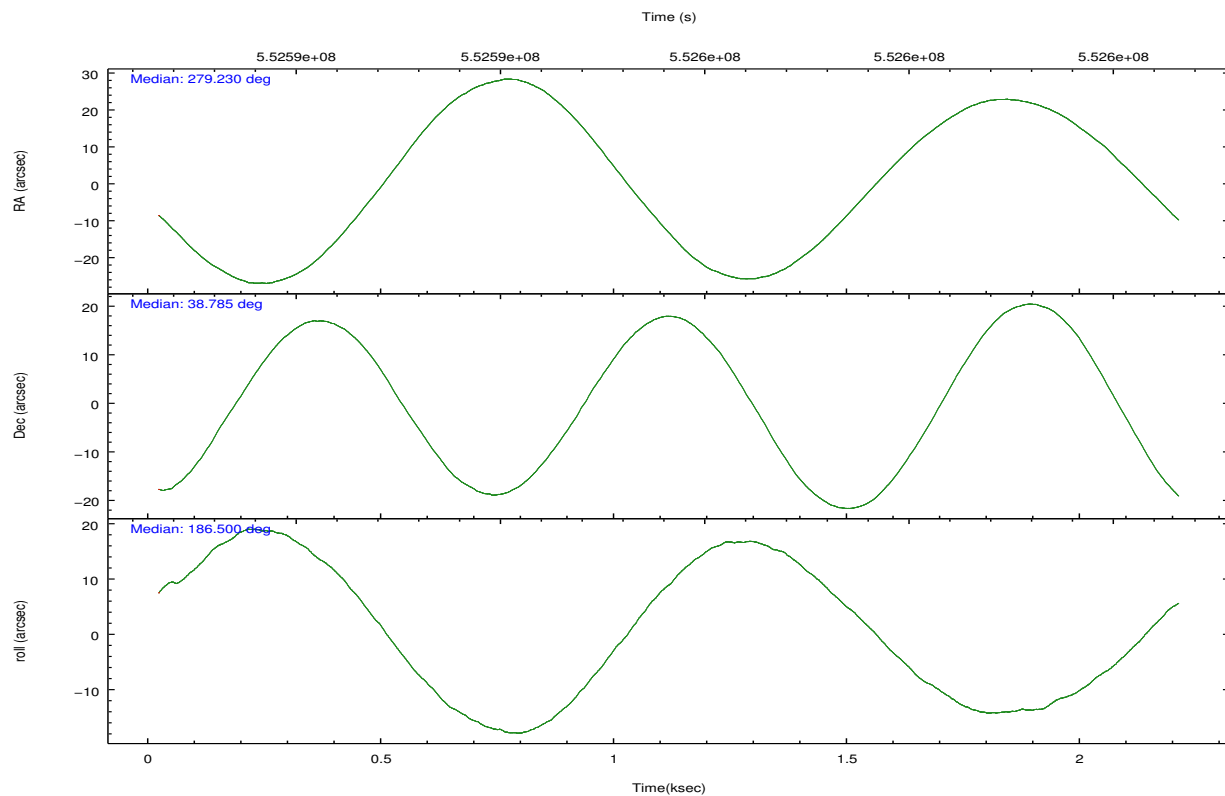
2.2 Compared Parameters

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	279.258224	279.2295136727811
[deg] Pointing Dec	38.802482	38.78445387576022
[deg] Pointing Roll	186.415755	186.5010974709751
[s] Window start time (MET)	549504067.184000	549504067.184000
[s] Window stop time (MET)	554688068.184000	554688068.184000
[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)	552594006.184000	552593626.83065
Observation start date	2015-07-06T18:18:58	2015-07-06T18:13:46
[s] Observation end time (MET)	552596006.184000	552596139.6182899
Observation end date	2015-07-06T18:52:18	2015-07-06T18:55:39

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

2.3 Aspect



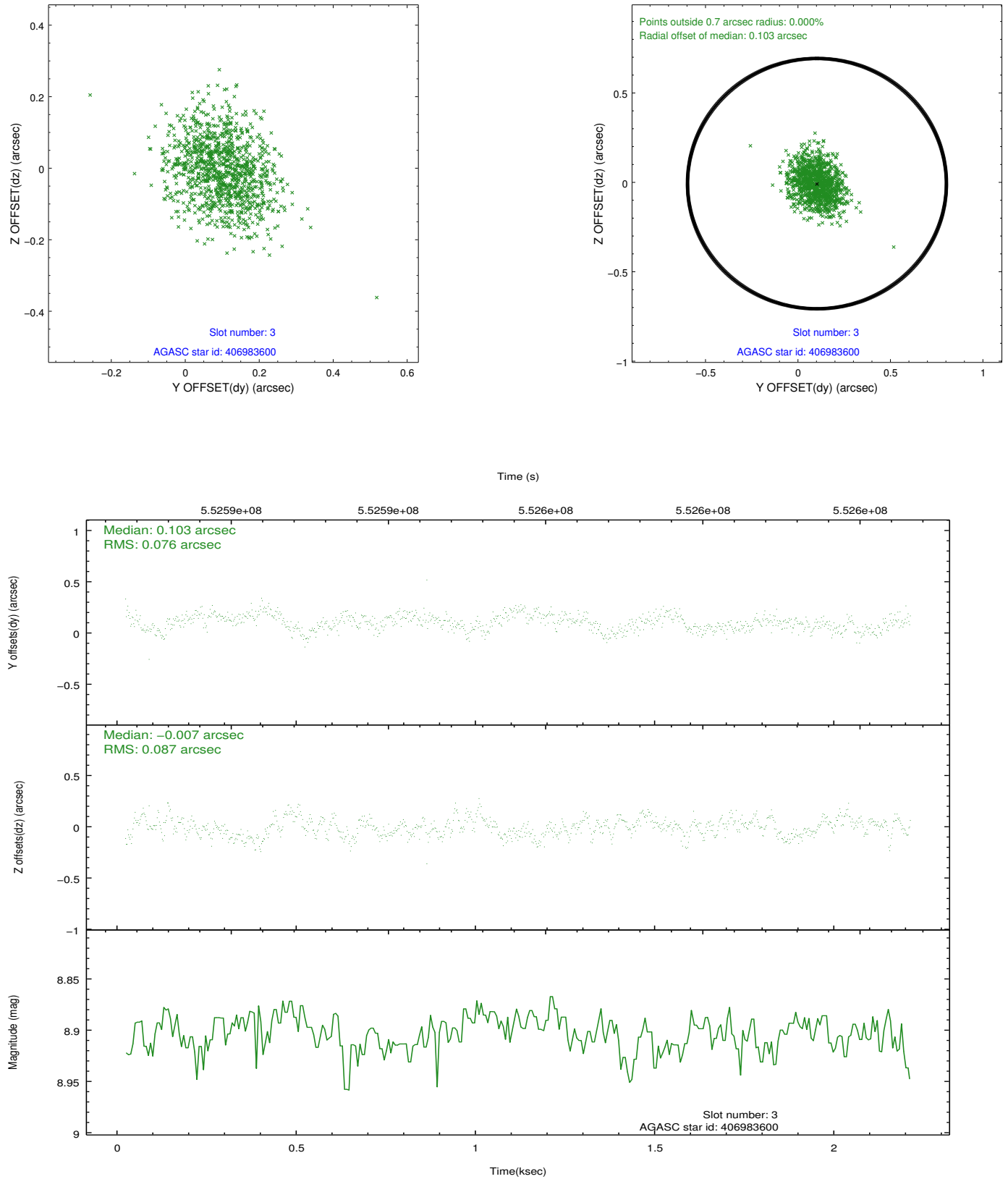


Slot Statistics

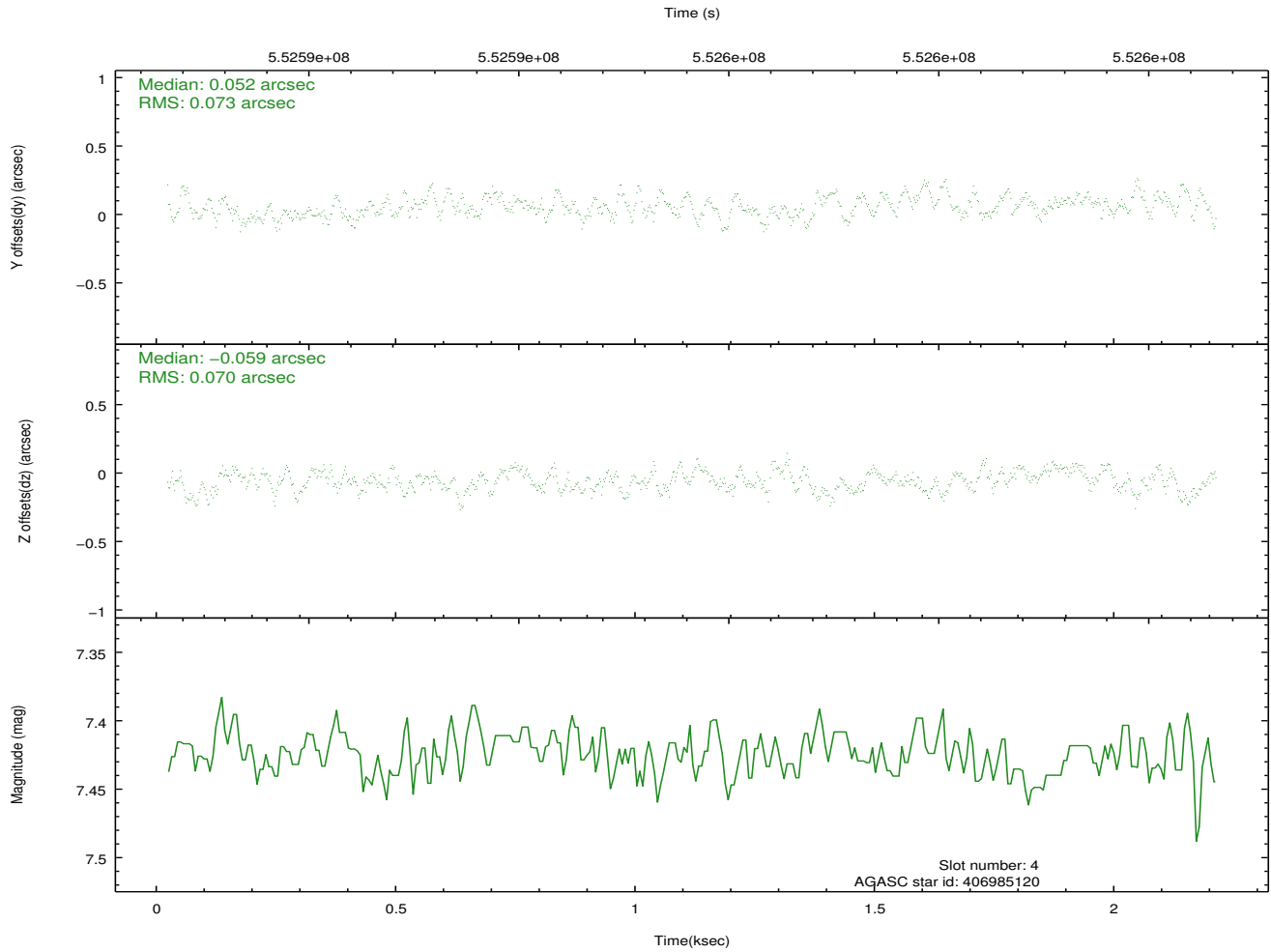
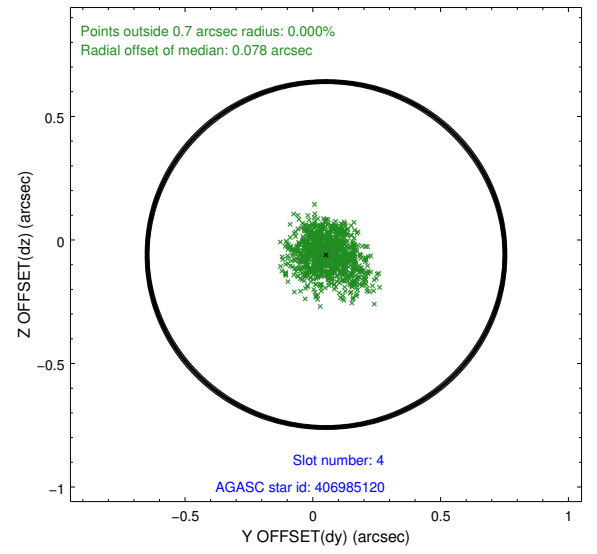
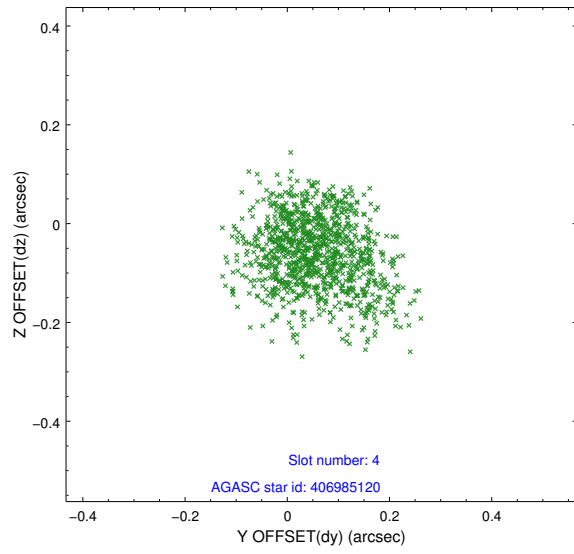
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-S-1	7.05	535	-0.030	-0.258	0.008	0.015	0.000000	0.000000	-1173.08	-464.79
1	FID		HRC-S-3	7.05	535	0.080	-0.008	0.011	0.017	0.000000	0.000000	-1177.92	564.11
2	FID		HRC-S-4	7.00	535	0.338	-0.031	0.005	0.010	0.000000	0.000000	1223.28	568.66
3	GUIDE	used	406983600	8.90	1067	0.103	-0.007	0.123	0.196	279.940957	39.020708	-1986.79	-571.84
4	GUIDE	used	406985120	7.42	1069	0.052	-0.059	0.110	0.177	278.839732	38.894839	1126.48	-463.50
5	GUIDE	used	406987272	6.93	1069	-0.658	-0.416	0.084	0.140	278.536588	38.437504	2169.32	1069.90
6	GUIDE	used	407513096	8.13	1069	0.264	0.307	0.090	0.150	279.928965	39.436841	-2106.43	-2065.47
7	GUIDE	used	407521232	8.62	1067	0.239	0.190	0.099	0.168	279.628883	39.431715	-1278.76	-2138.58

2.4 Star Slots

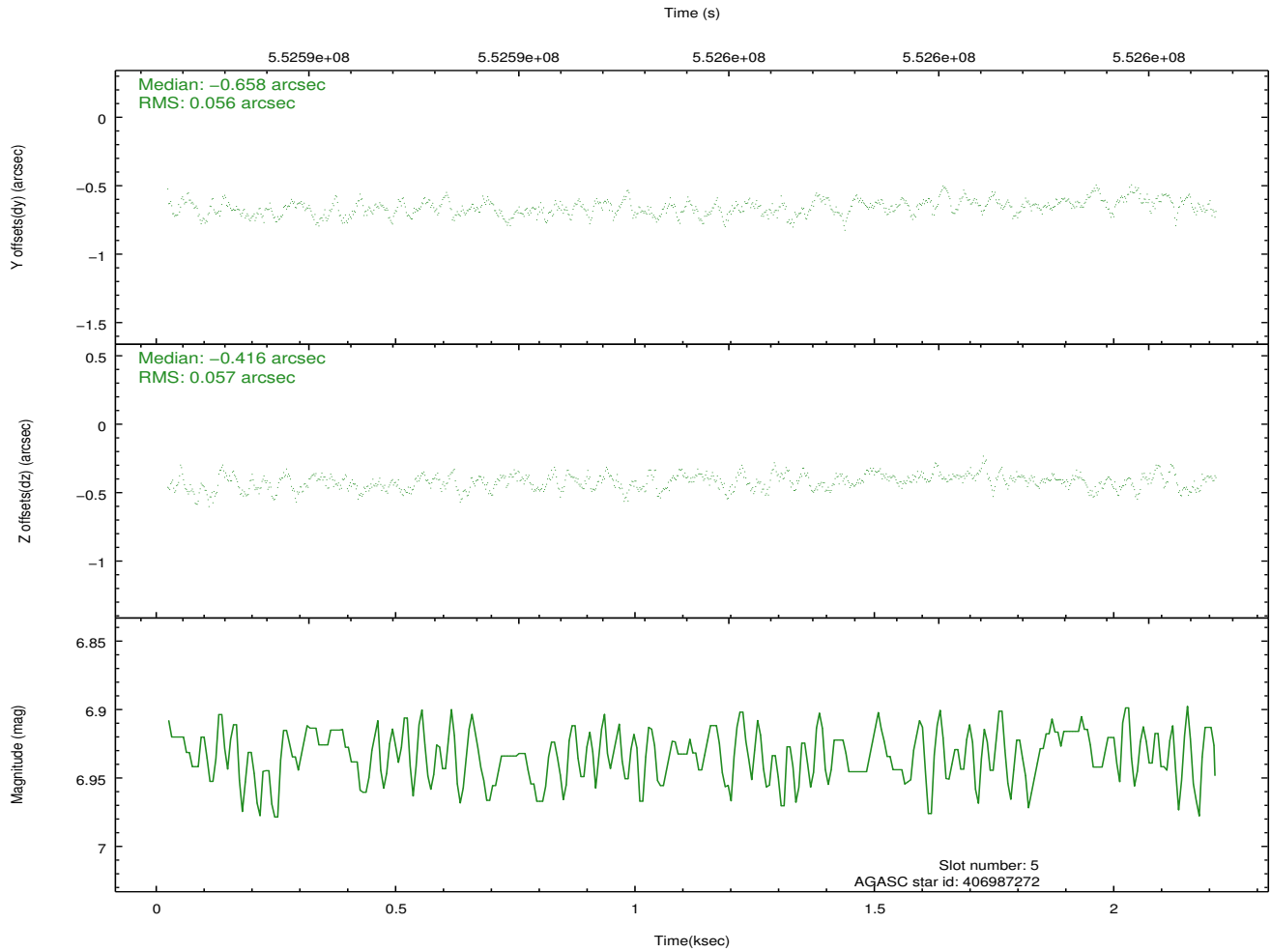
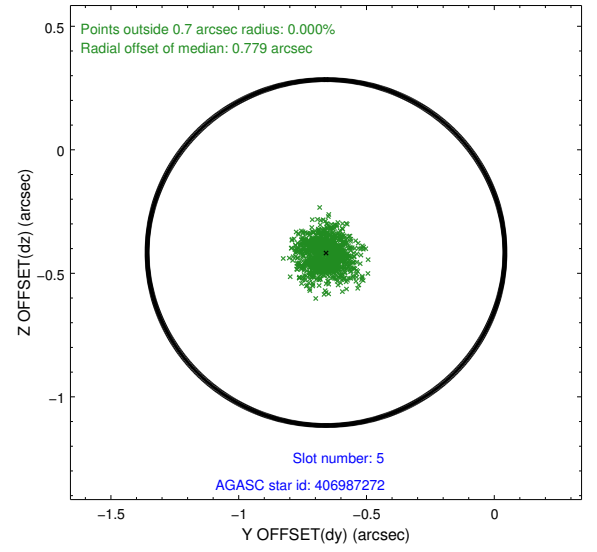
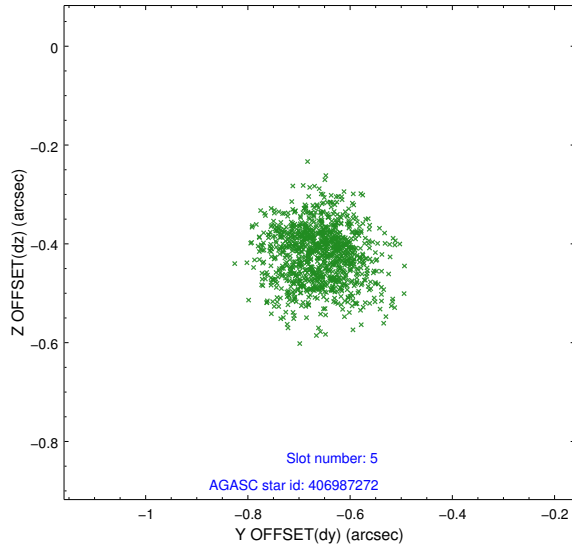
2.4.1 Slot 3



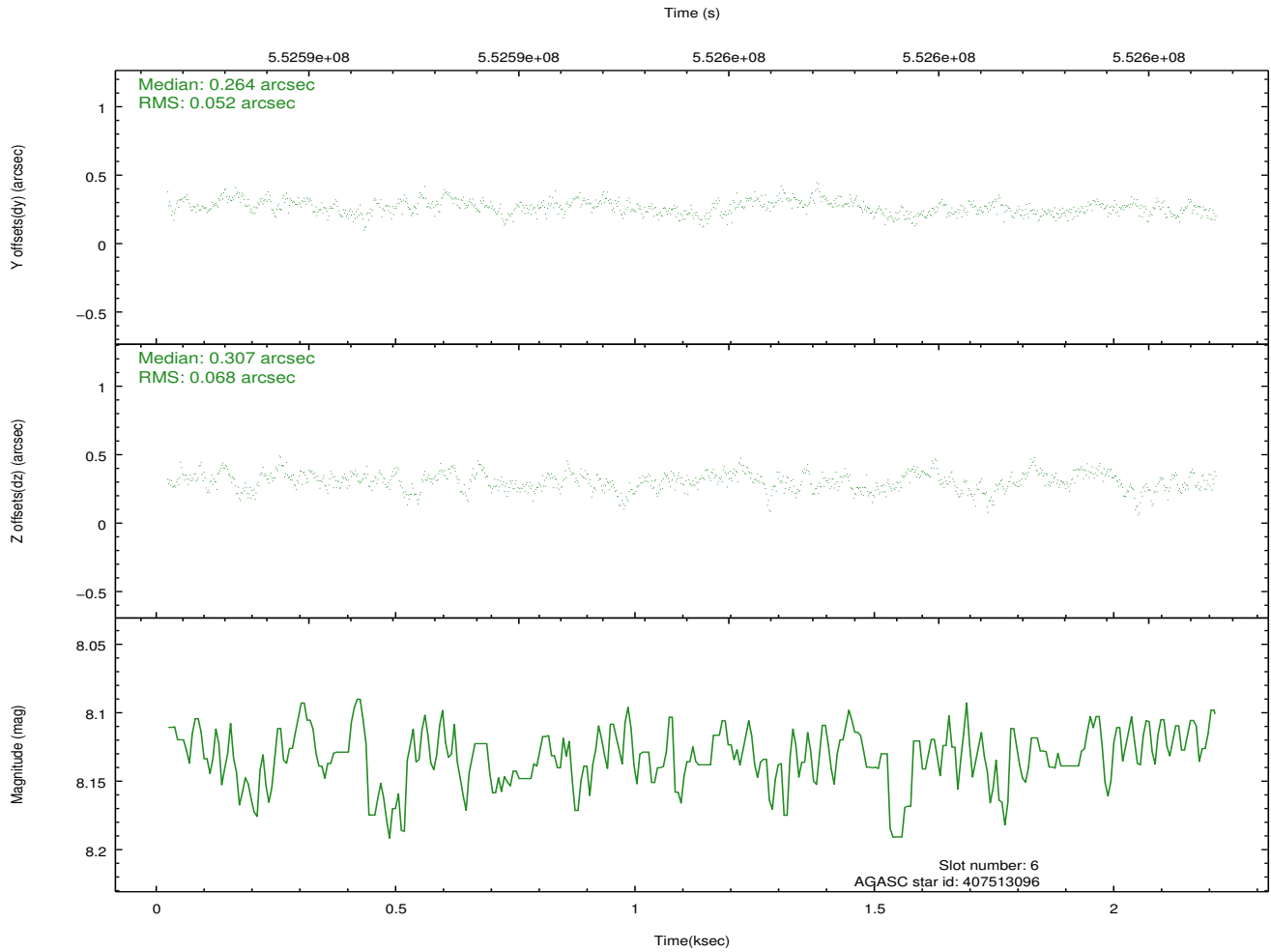
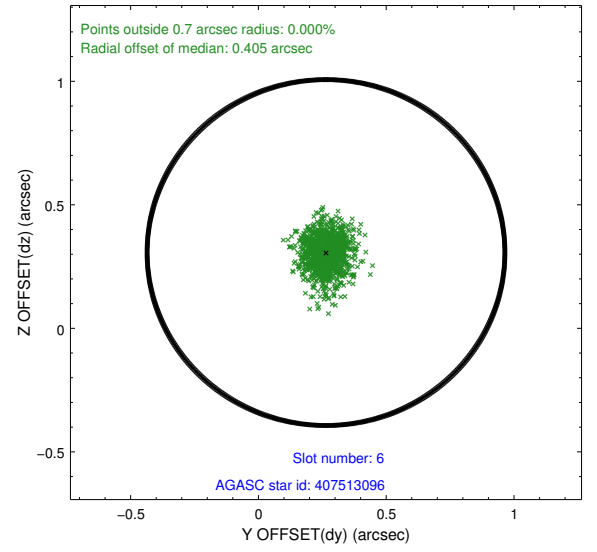
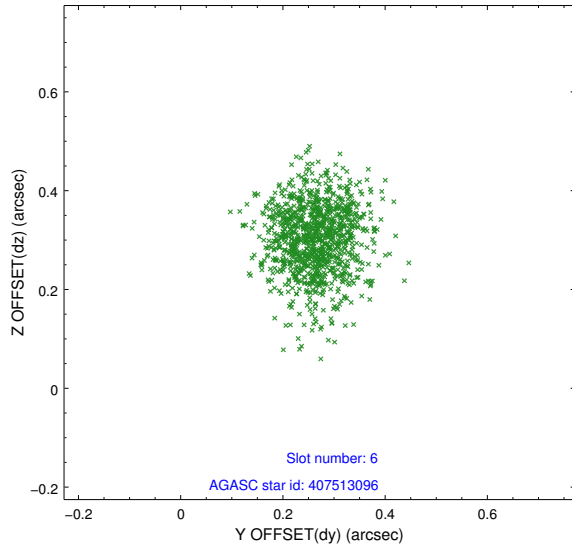
2.4.2 Slot 4



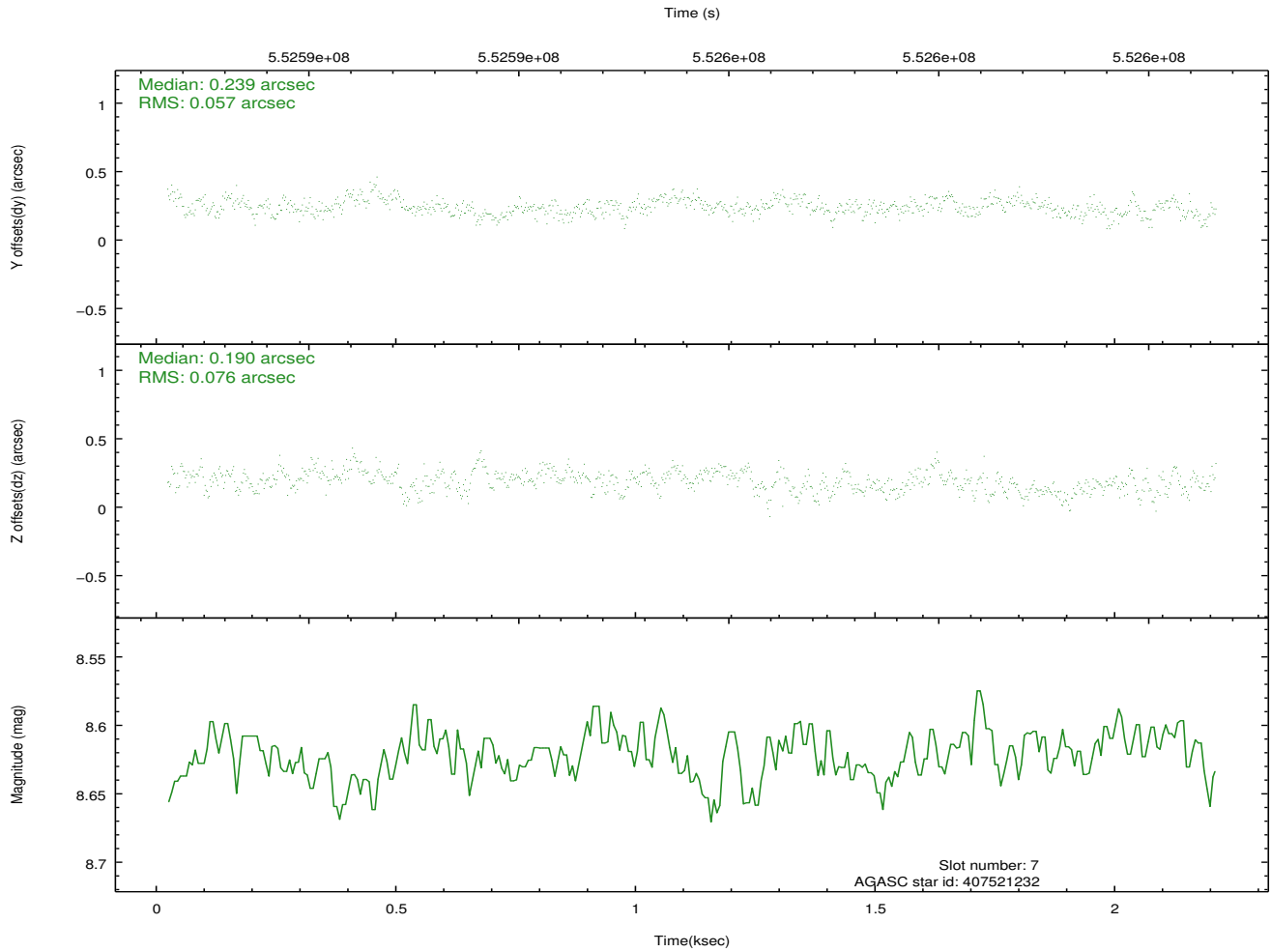
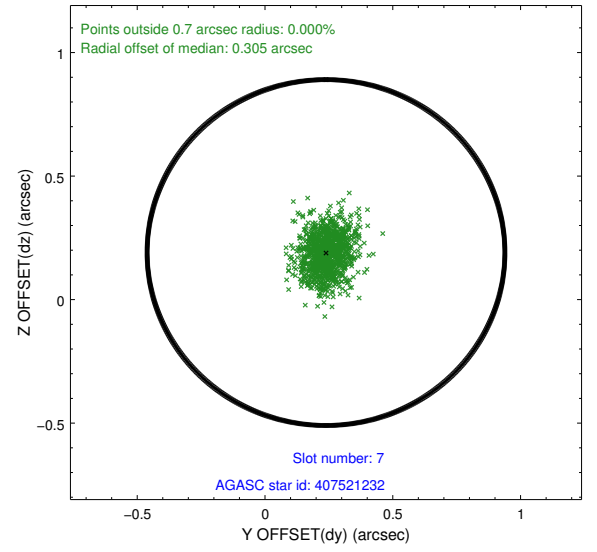
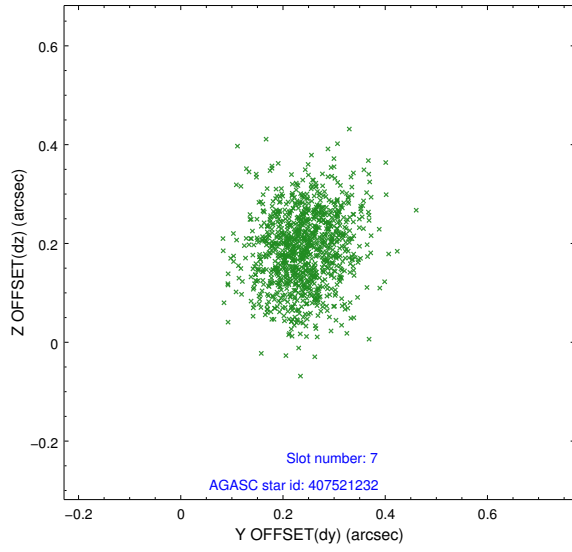
2.4.3 Slot 5



2.4.4 Slot 6

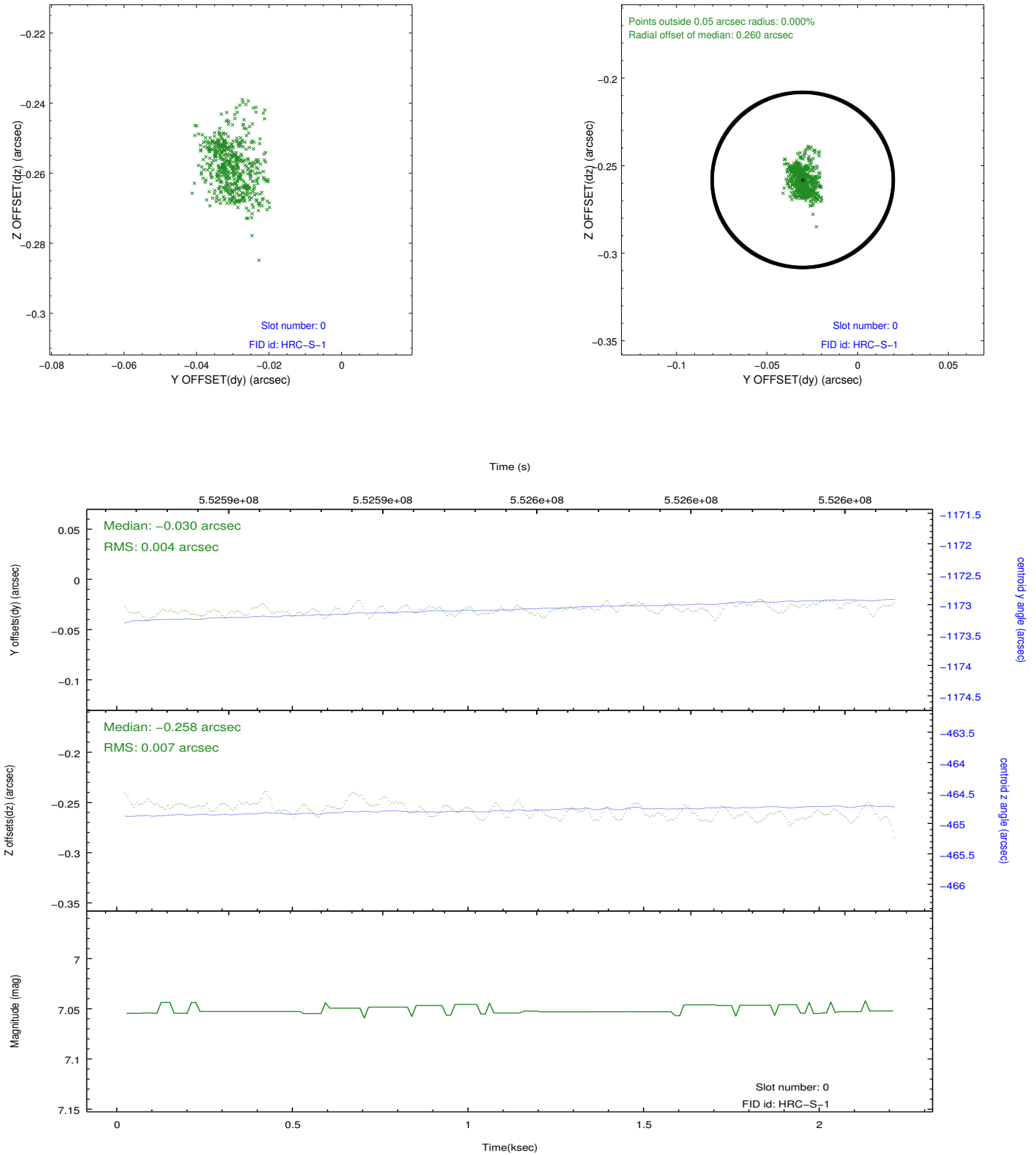


2.4.5 Slot 7

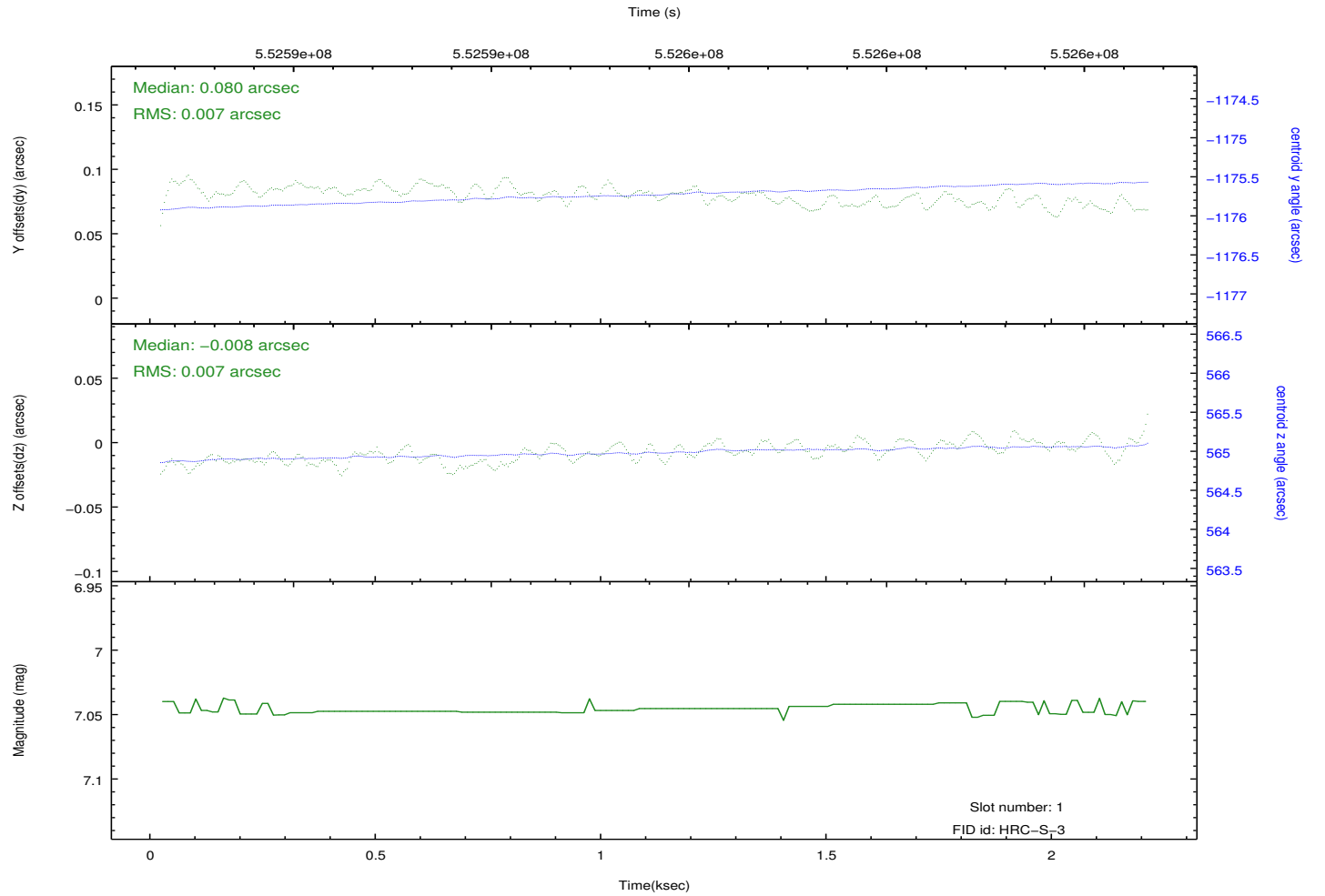
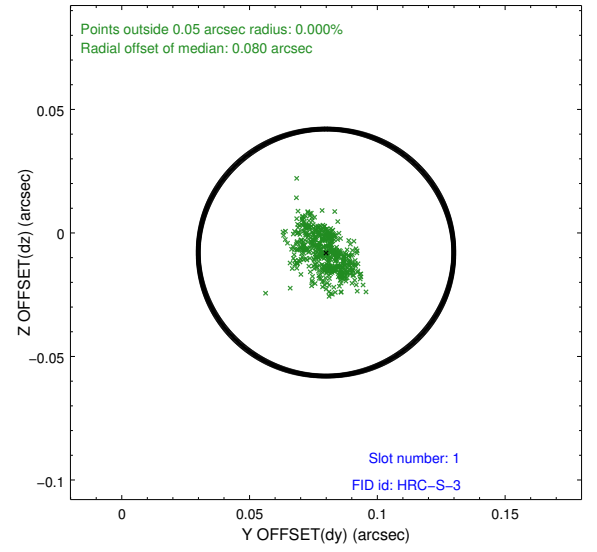
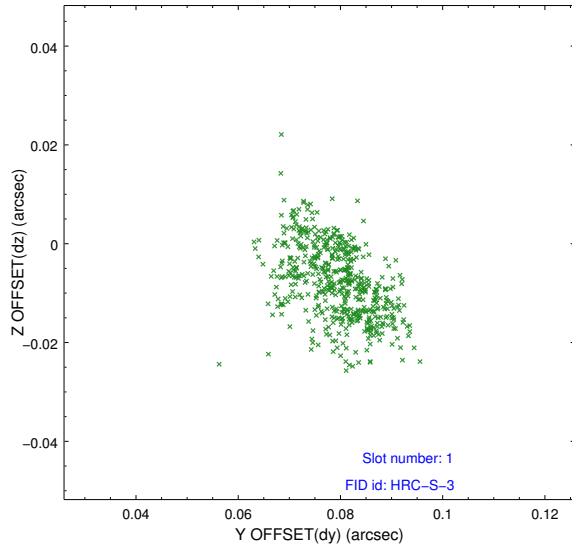


2.5 FID Slots

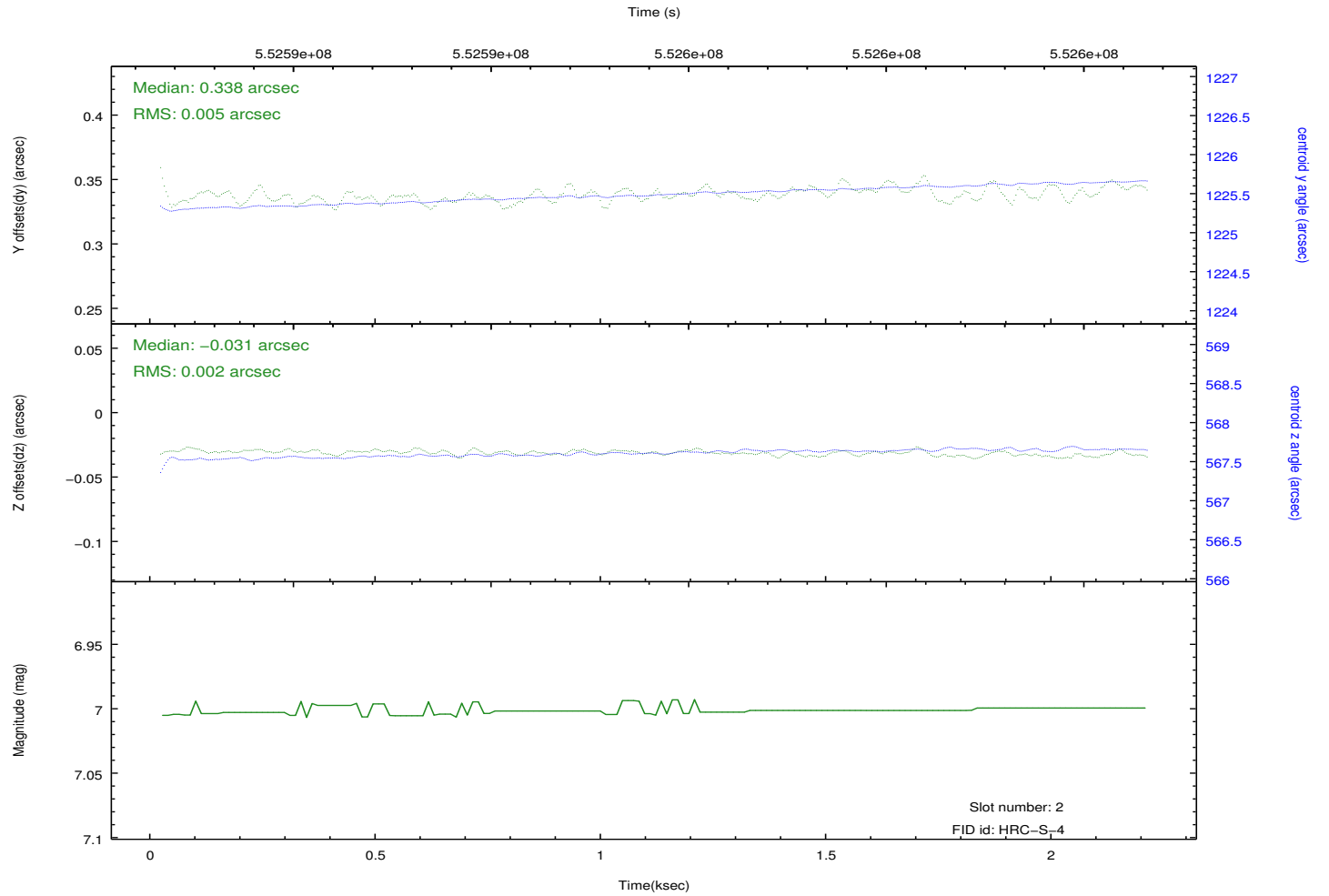
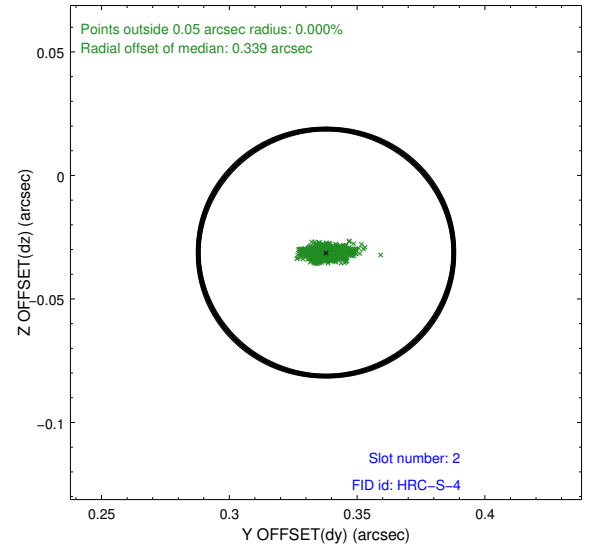
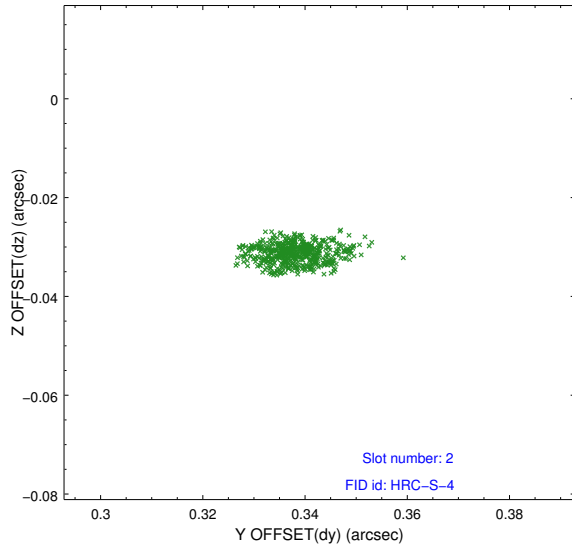
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.07.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1578813716173

A.2 Comments