

V&V Reference Report

L2 ASCDS Version : 10.6

Observation 19843 - L2 Version 1
Chandra X-Ray Center

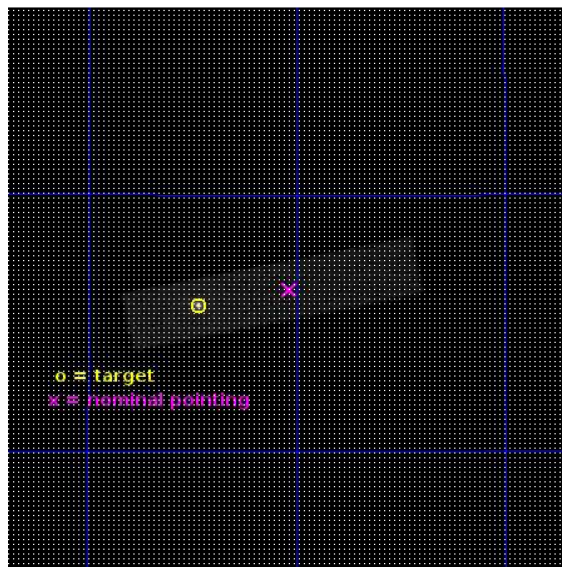
L2 Processing Date : Jun 19 2017

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1 Front

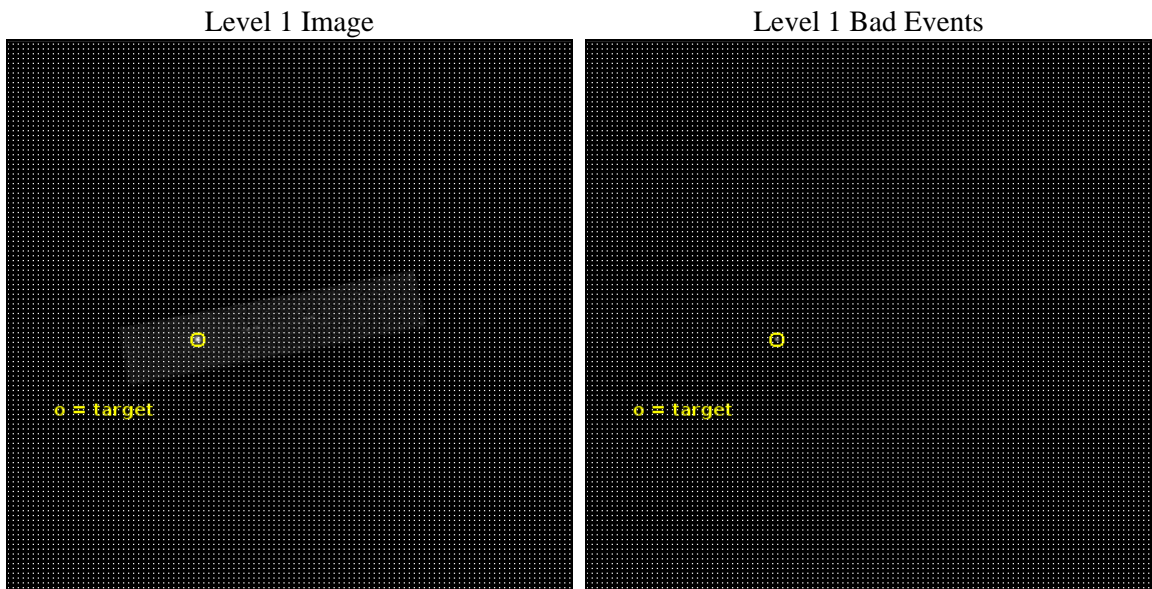
seq_num	291360	Sequence number
obs_id	19843	Observation id
title	AO-18 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235833	Observer's specified target RA [deg]
dec_targ	38.78475	Observer's specified target Dec [deg]
ra_nom	279.01661142166	Nominal RA [deg]
dec_nom	38.815781616904	Nominal Dec [deg]
roll_nom	168.42025269043	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1131.6000659466	[s]
livetime	985.92089051289	Ontime multiplied by DTCOR
l2events	196921	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	10.6	Processing system revision	ontime	1131.6000659466	[s]
caldsver	4.7.5	 	l1events	312015	Number of level 1 events
date	2017-06-19T13:33:34	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

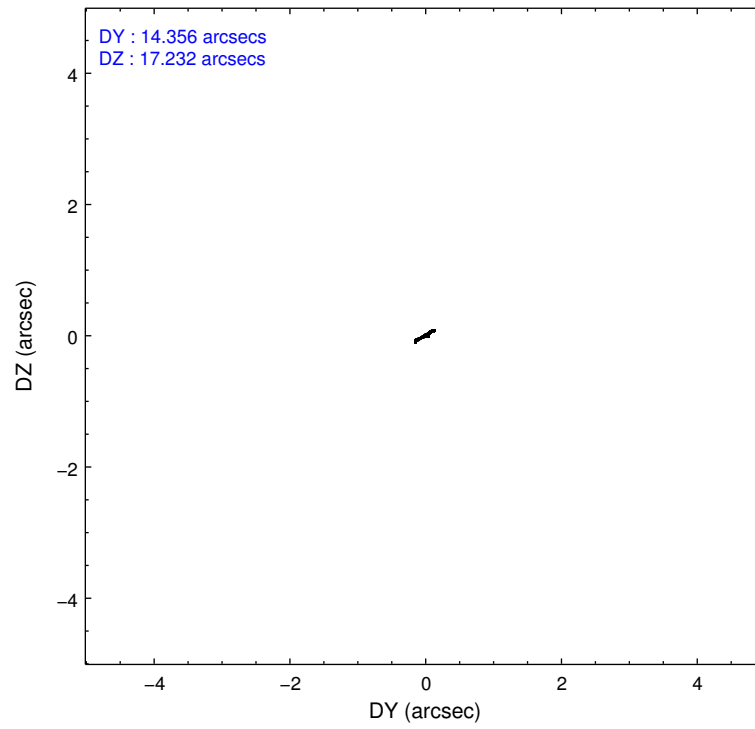
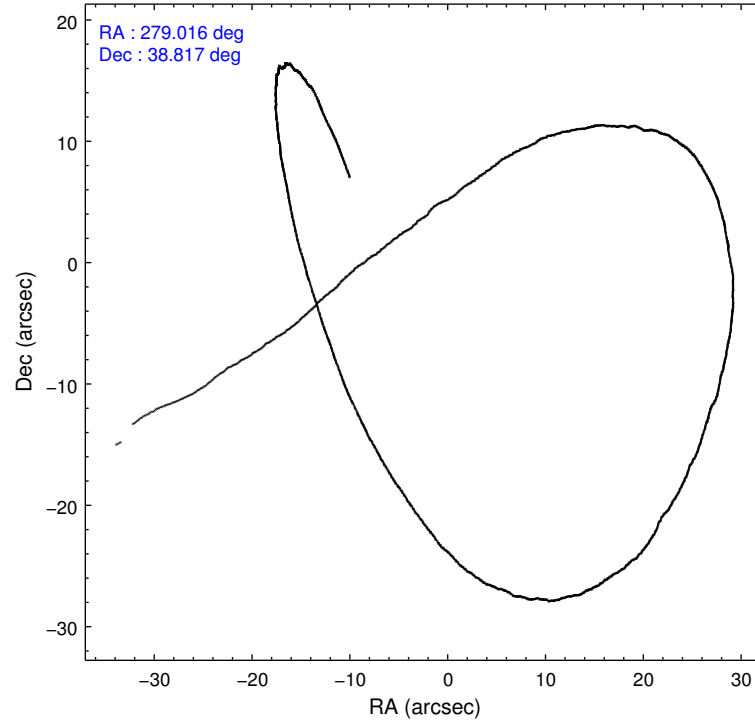
	segment 1	segment 2	segment 3
level 1 events	9	312005	1
rejected events	9	103340	1
rejected %	100%	33%	100%

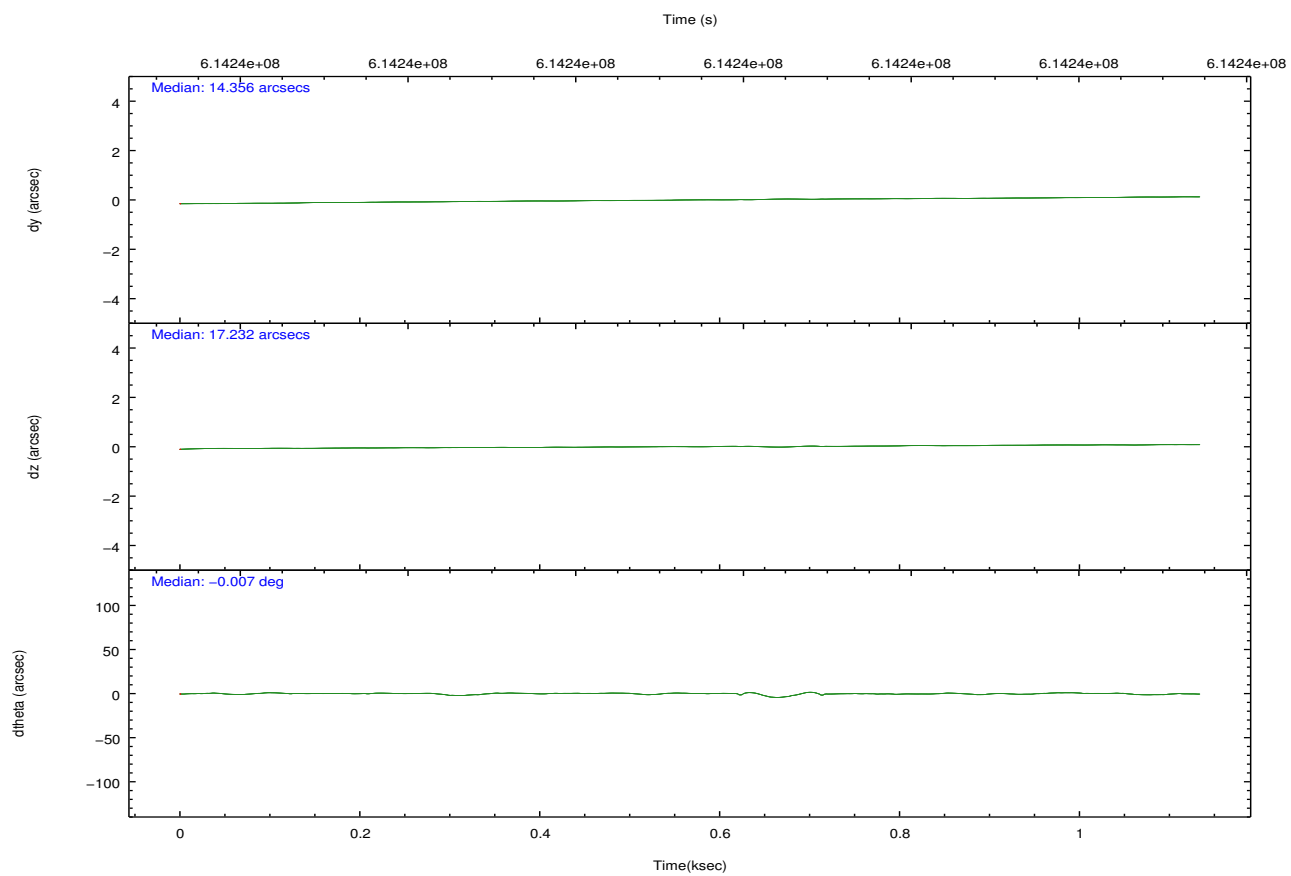
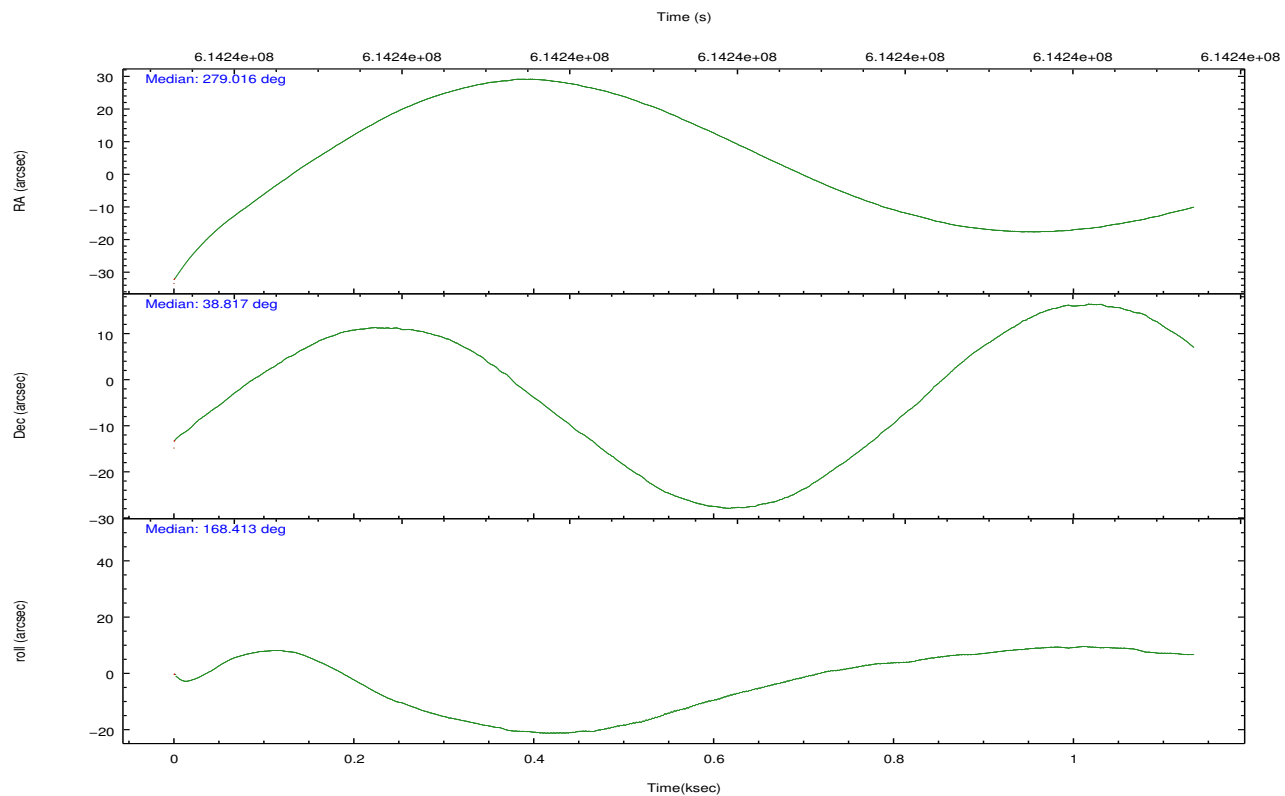
2.2 Compared Parameters

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	279.051306	279.016611421657
[deg] Pointing Dec	38.825186	38.81578161690373
[deg] Pointing Roll	168.331585	168.420252690428
[s] Window start time (MET)	612662469.184000	612662469.184000
[s] Window stop time (MET)	617846469.184000	617846469.184000
[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)	614238706.184000	614237485.73702
Observation start date	2017-06-19T05:50:37	2017-06-19T05:31:25
[s] Observation end time (MET)	614239706.184000	614240316.27469
Observation end date	2017-06-19T06:07:17	2017-06-19T06:18:36

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

2.3 Aspect



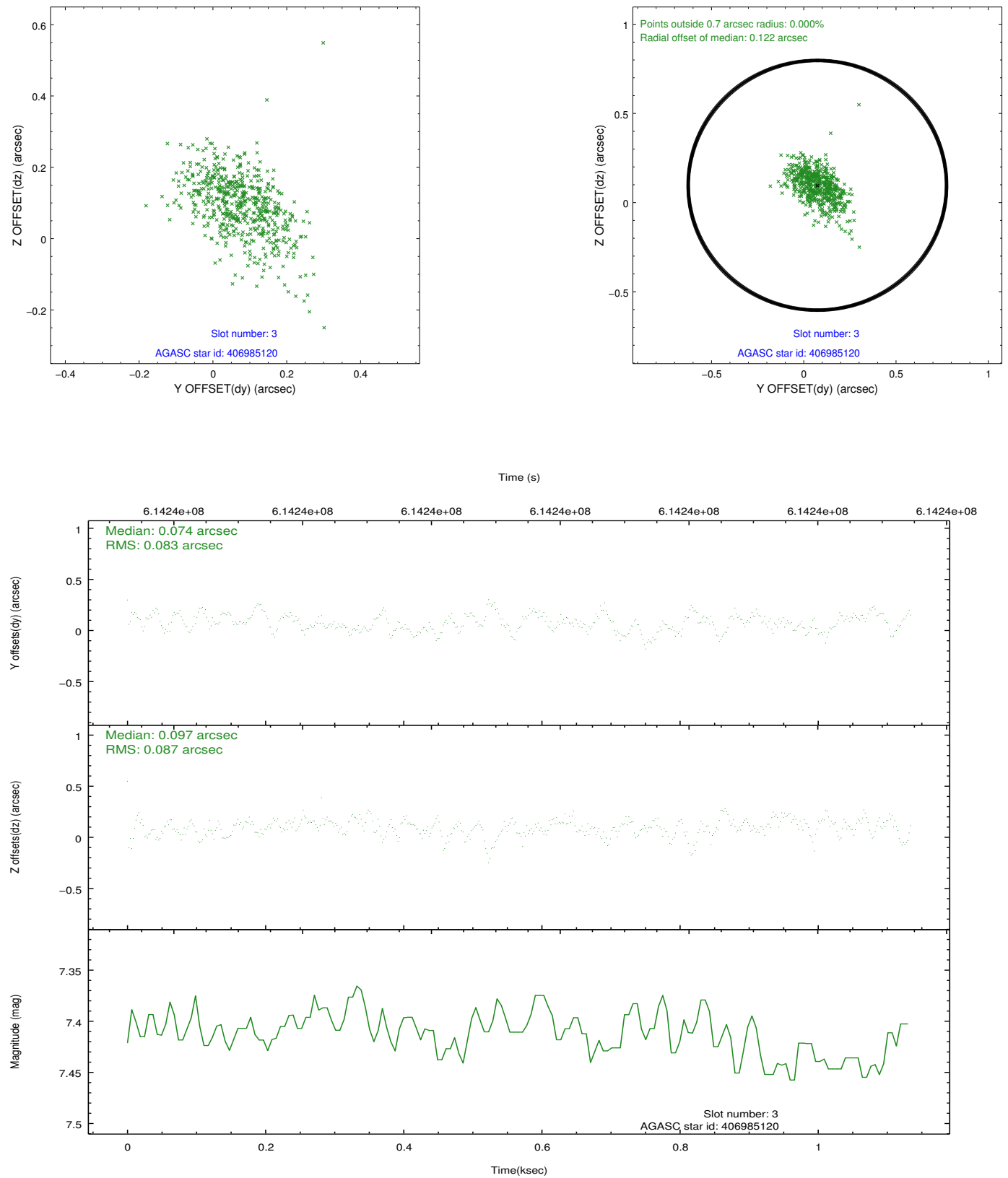


Slot Statistics

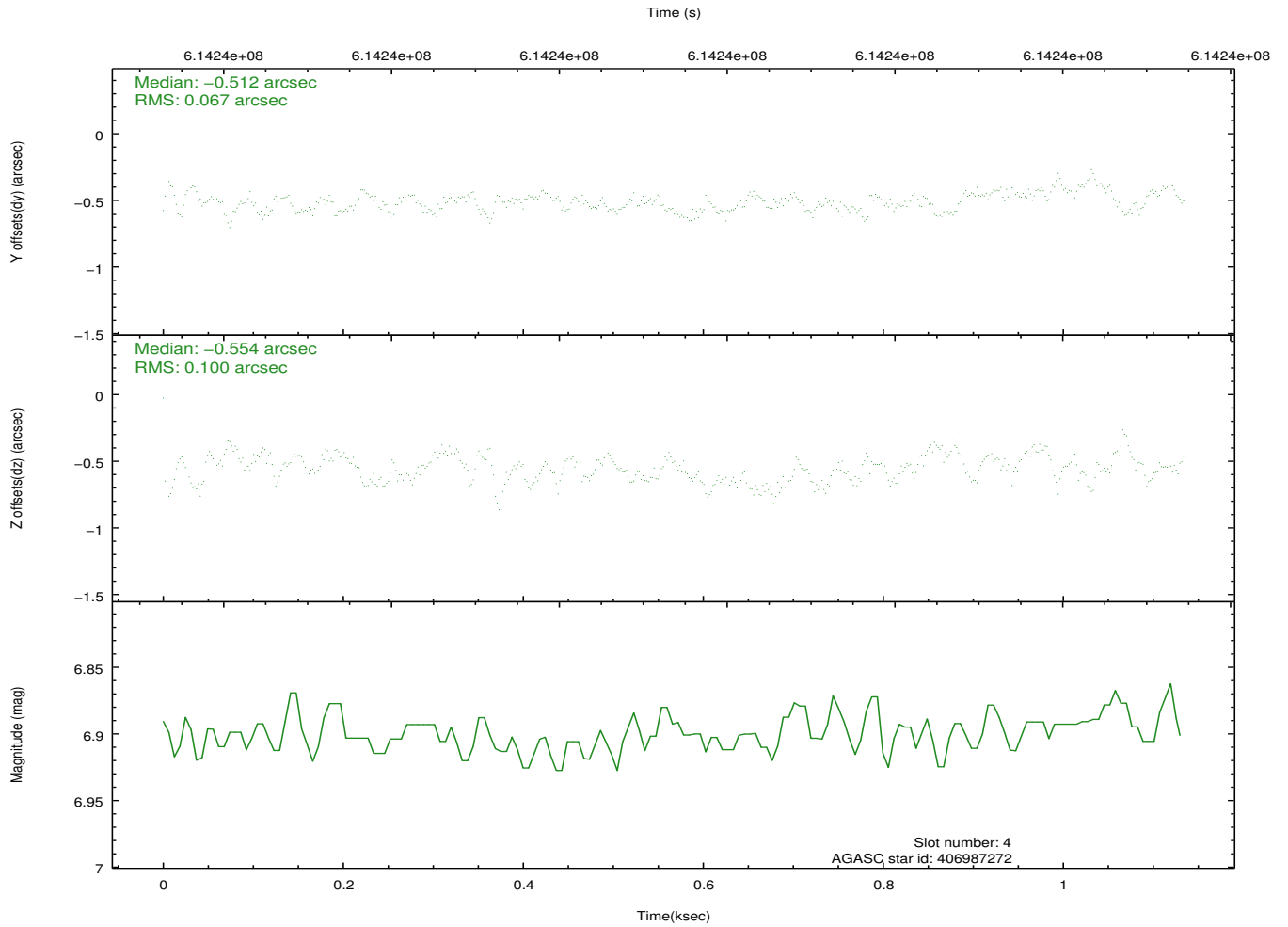
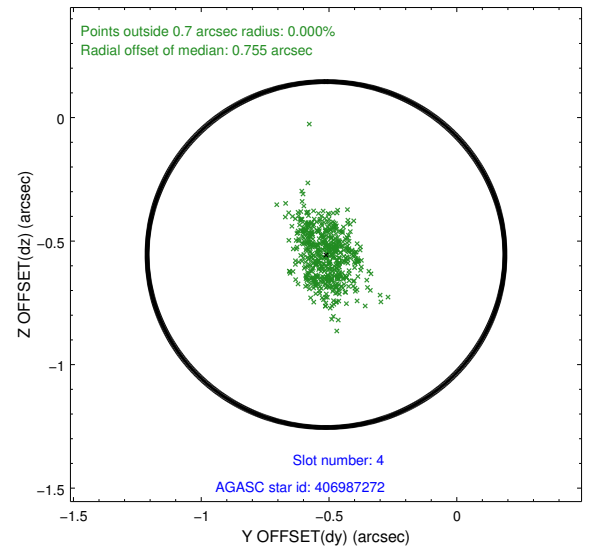
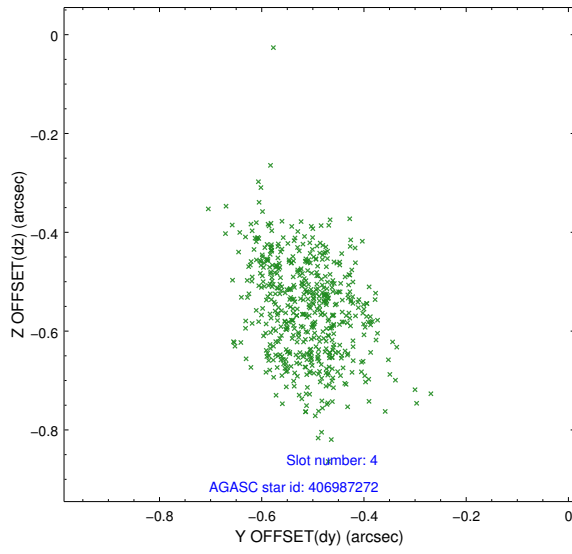
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-S-1	7.04	277	-0.036	-0.166	0.007	0.013	0.000000	0.000000	-1168.80	-466.23
1	FID		HRC-S-2	7.02	277	0.333	-0.116	0.006	0.010	0.000000	0.000000	1227.01	-460.35
2	FID		HRC-S-3	7.02	277	0.093	-0.020	0.006	0.014	0.000000	0.000000	-1167.02	561.78
3	GUIDE	used	406985120	7.41	554	0.074	0.097	0.120	0.201	278.839732	38.894839	630.63	-122.30
4	GUIDE	used	406987272	6.90	554	-0.512	-0.554	0.125	0.203	278.536588	38.437504	1140.20	1658.85
5	GUIDE	used	406989616	8.21	553	0.056	-0.224	0.123	0.207	279.202881	38.520843	-638.55	992.87
6	GUIDE	used	407510432	8.12	554	0.122	0.104	0.145	0.246	278.762778	39.530640	1296.99	-2320.44
7	GUIDE	used	406979352	9.19	553	0.256	0.588	0.151	0.260	279.968297	39.230258	-2205.76	-1955.49

2.4 Star Slots

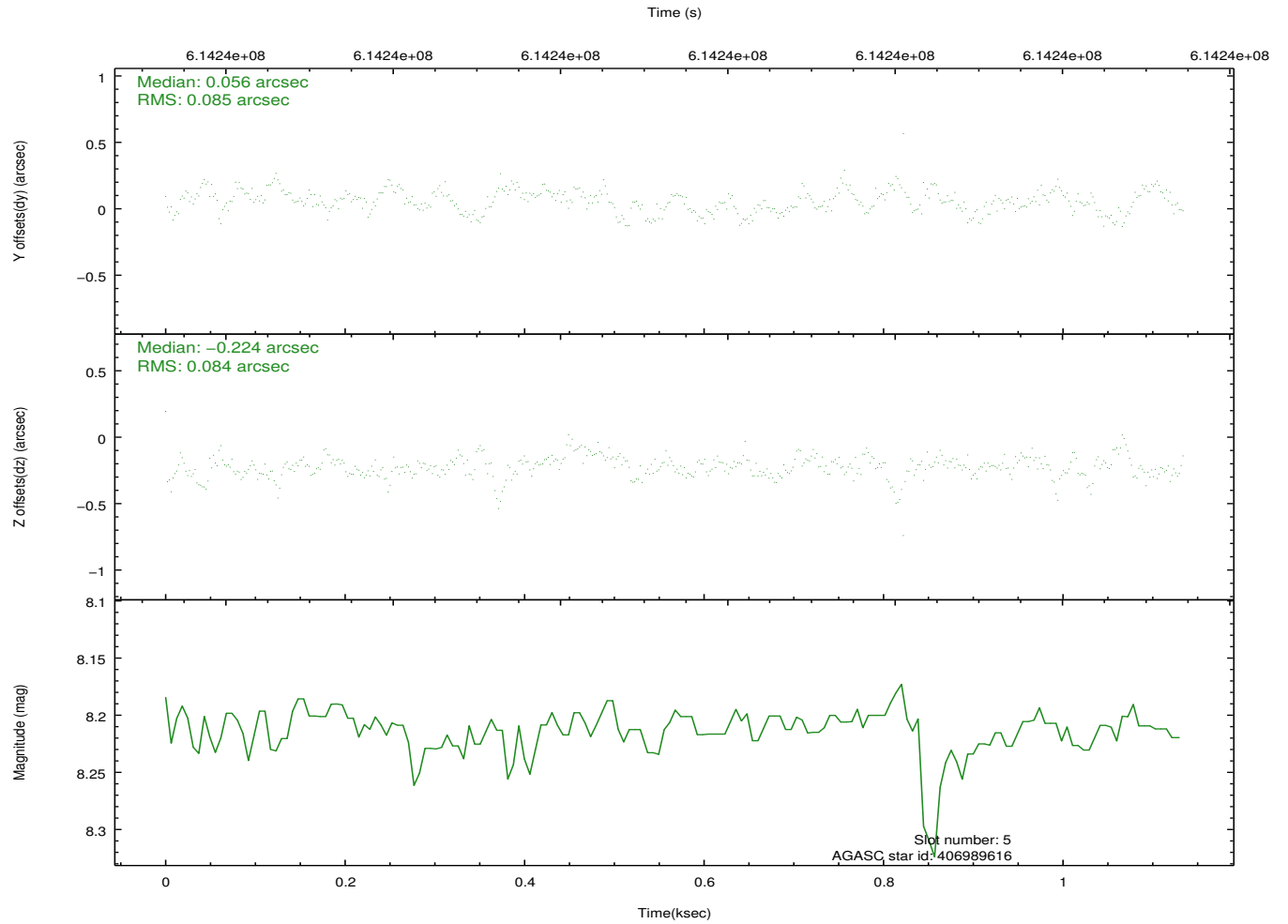
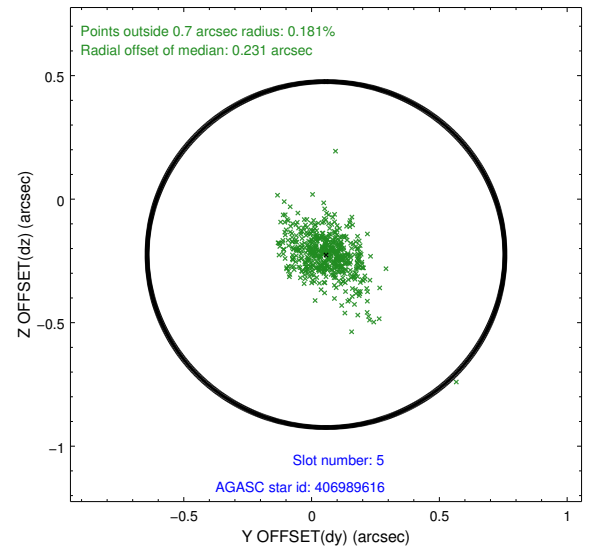
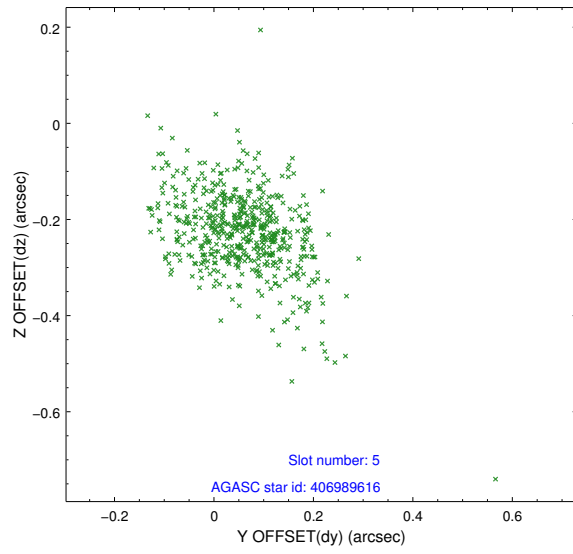
2.4.1 Slot 3



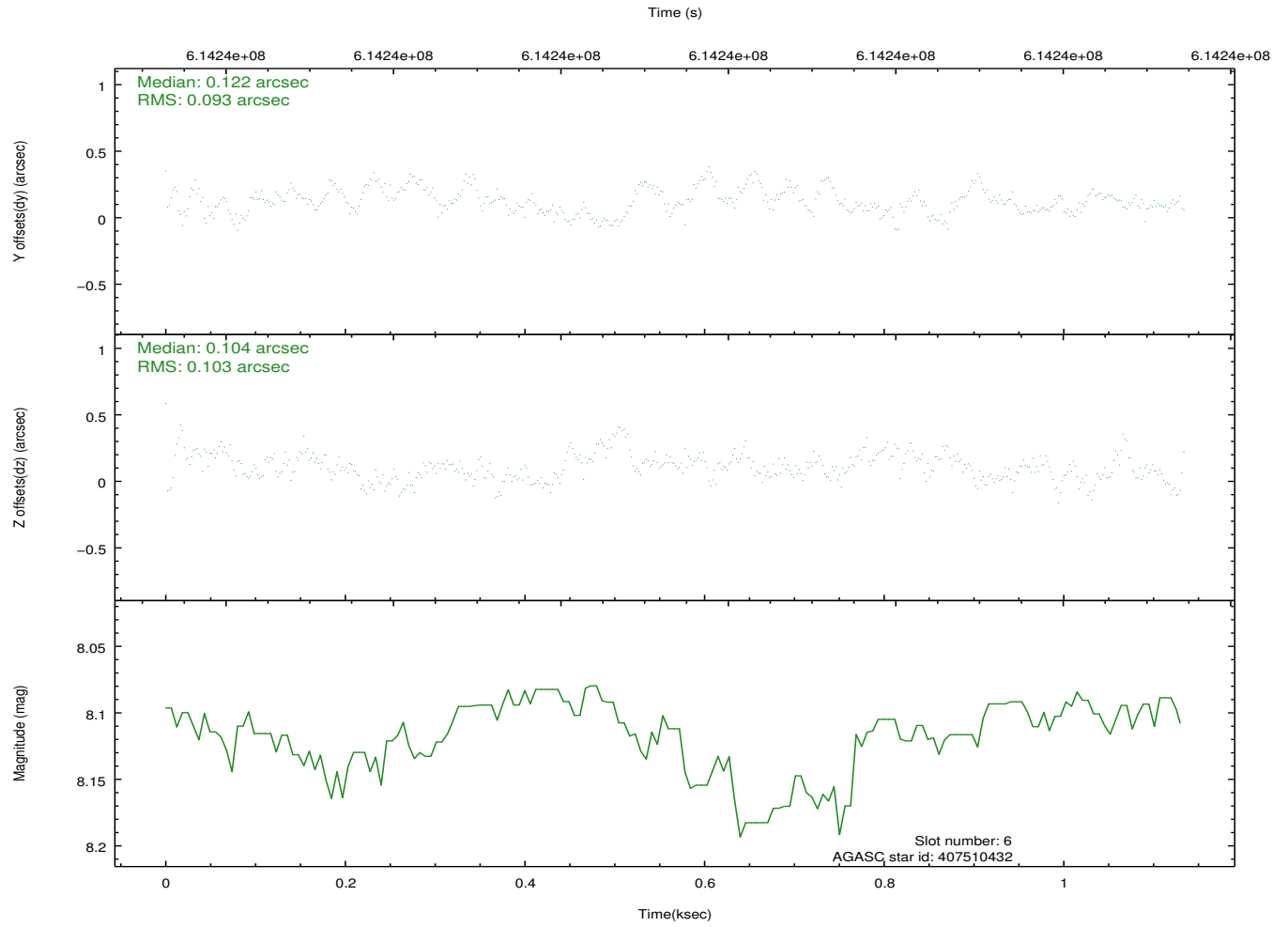
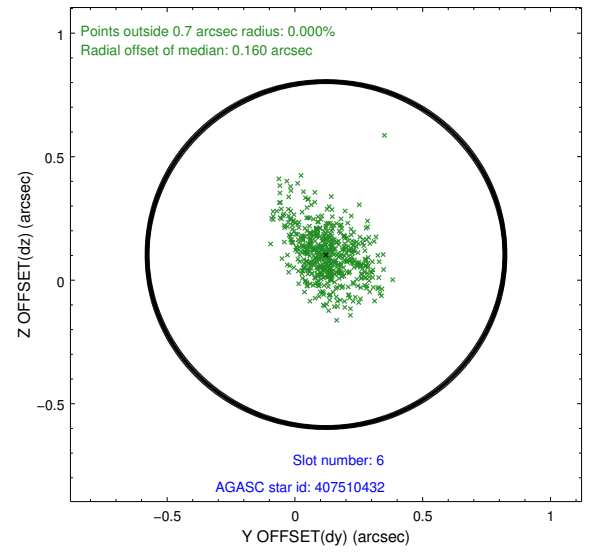
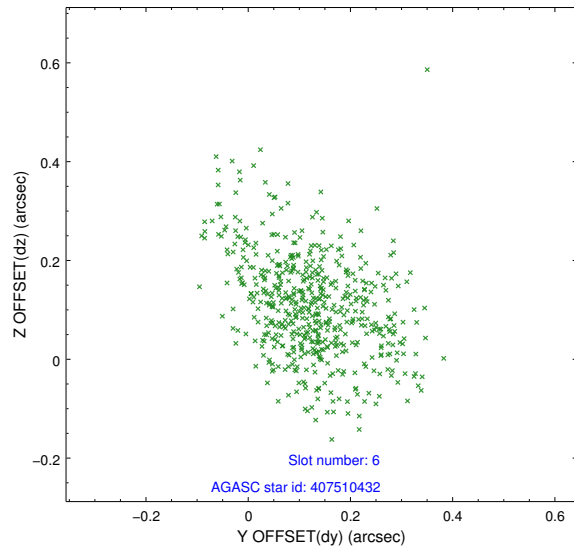
2.4.2 Slot 4



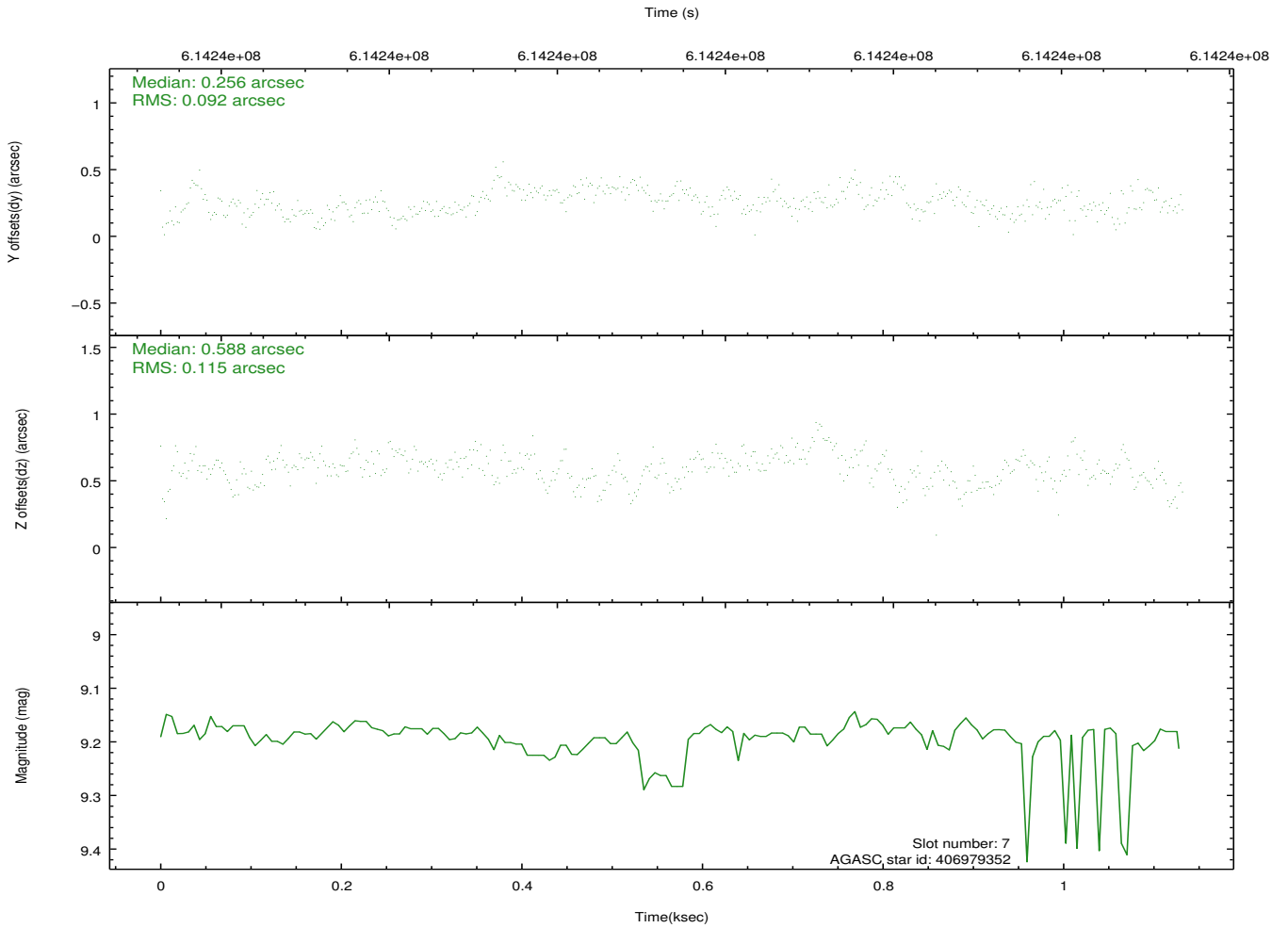
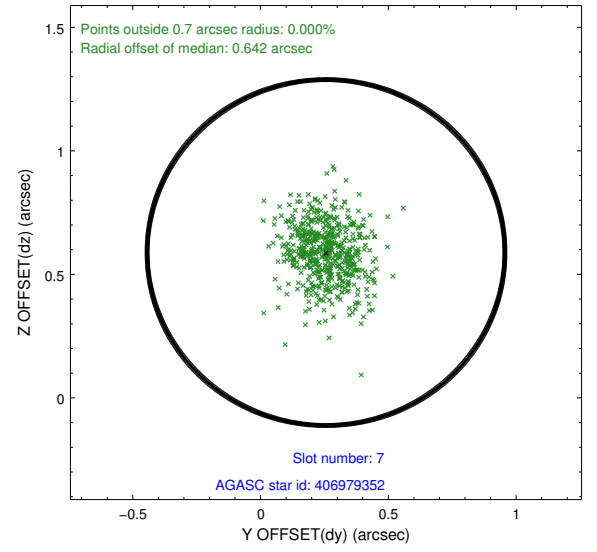
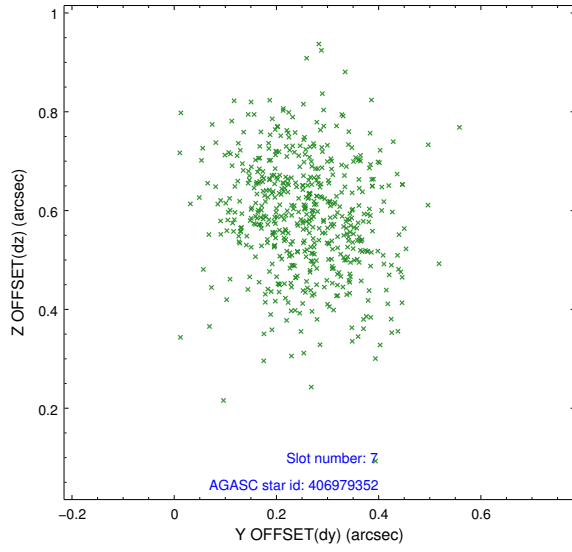
2.4.3 Slot 5



2.4.4 Slot 6

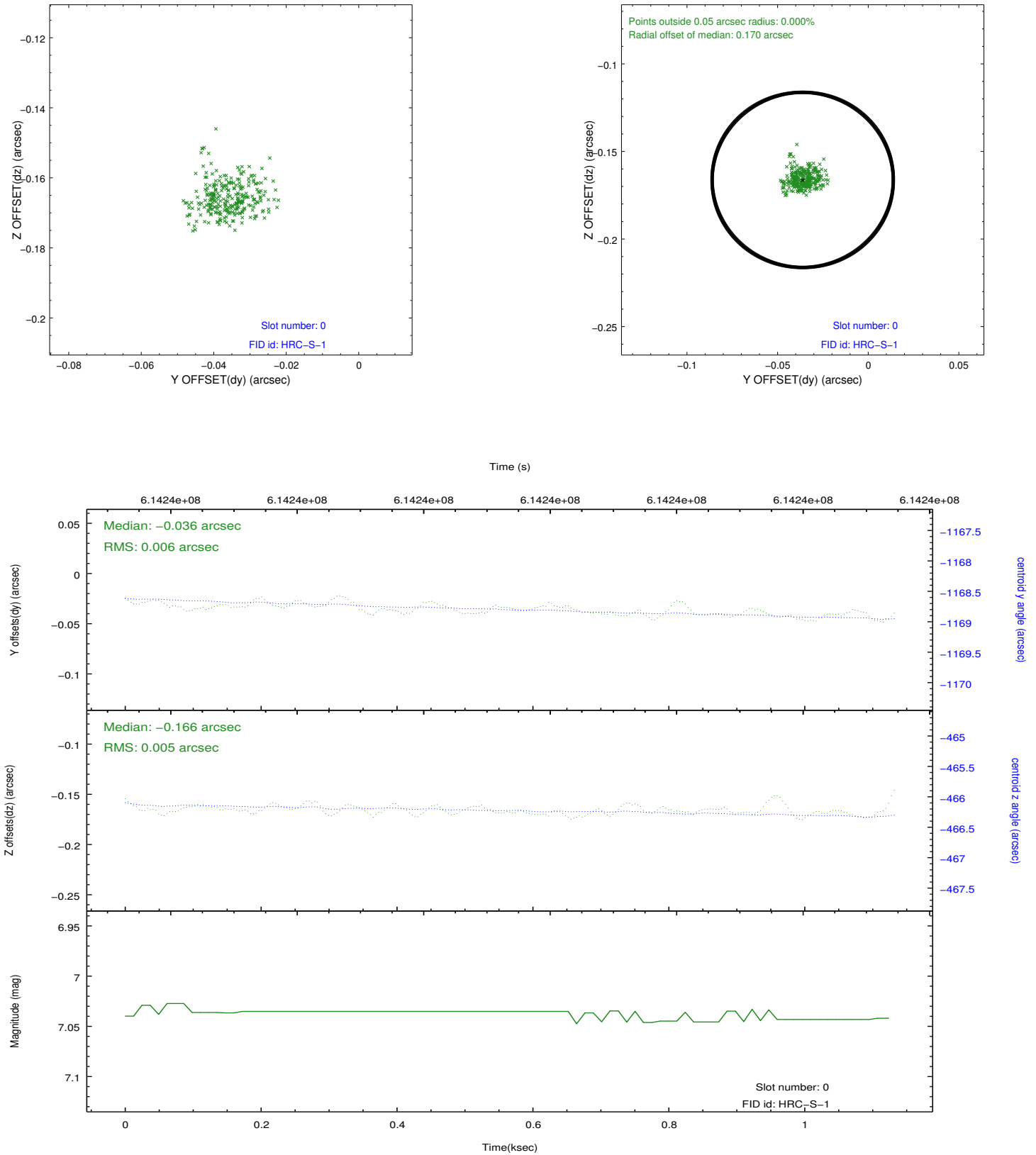


2.4.5 Slot 7

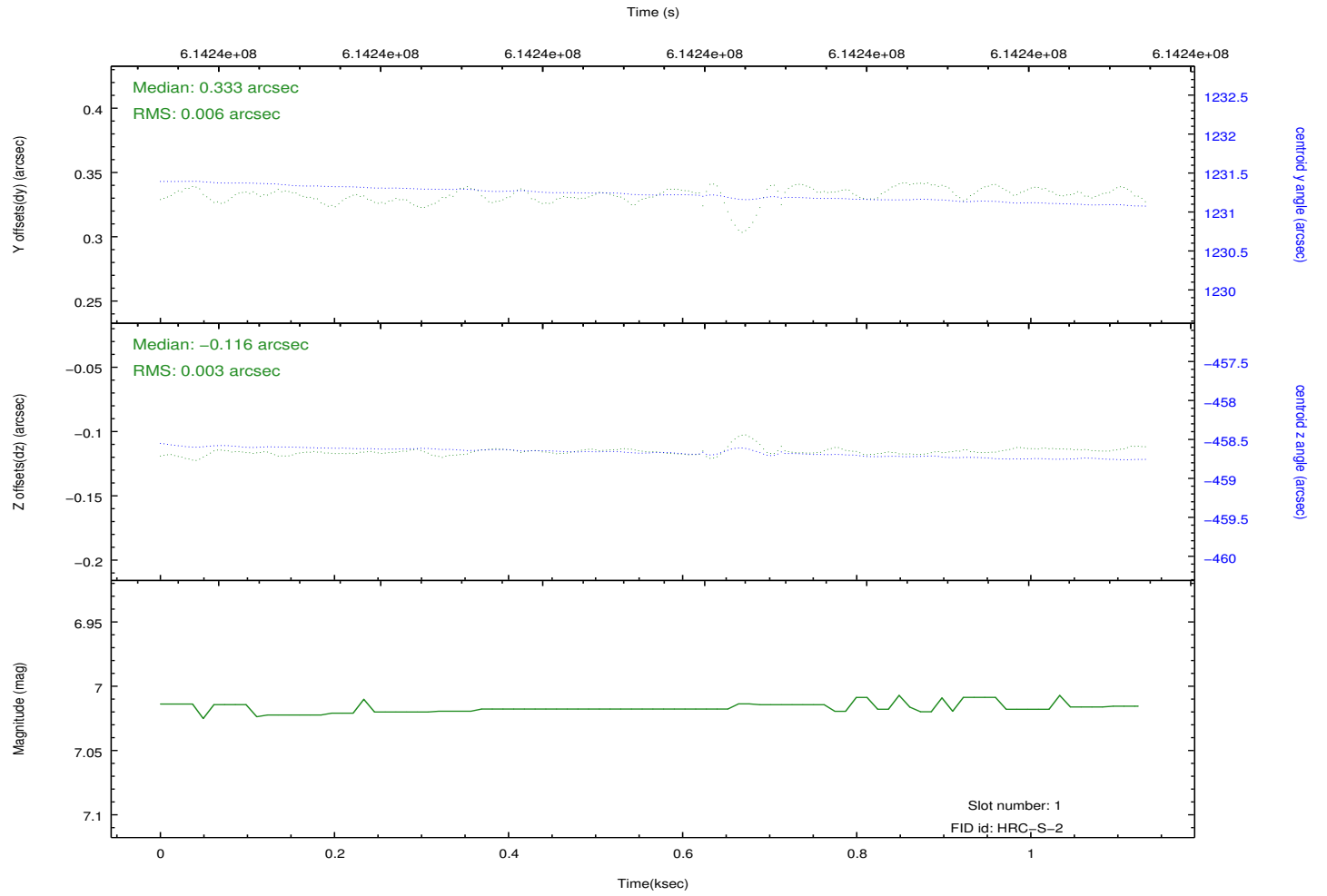
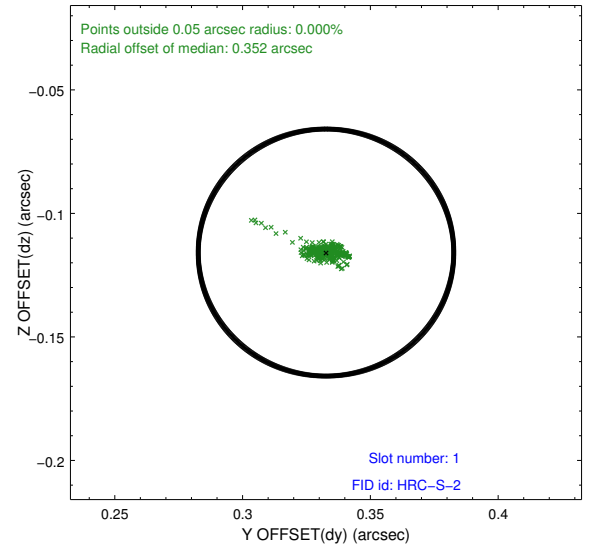
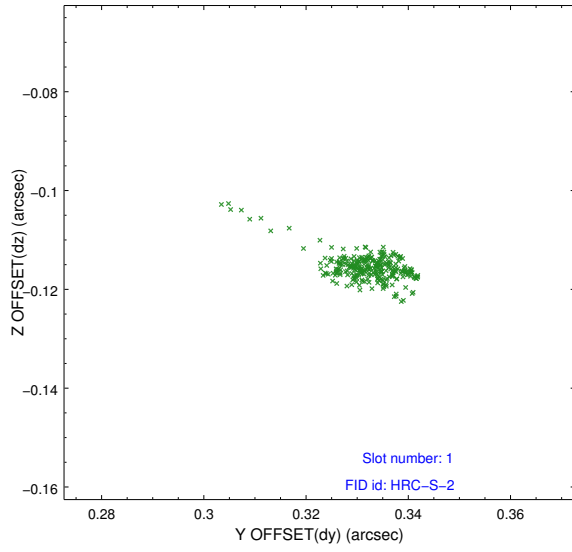


2.5 FID Slots

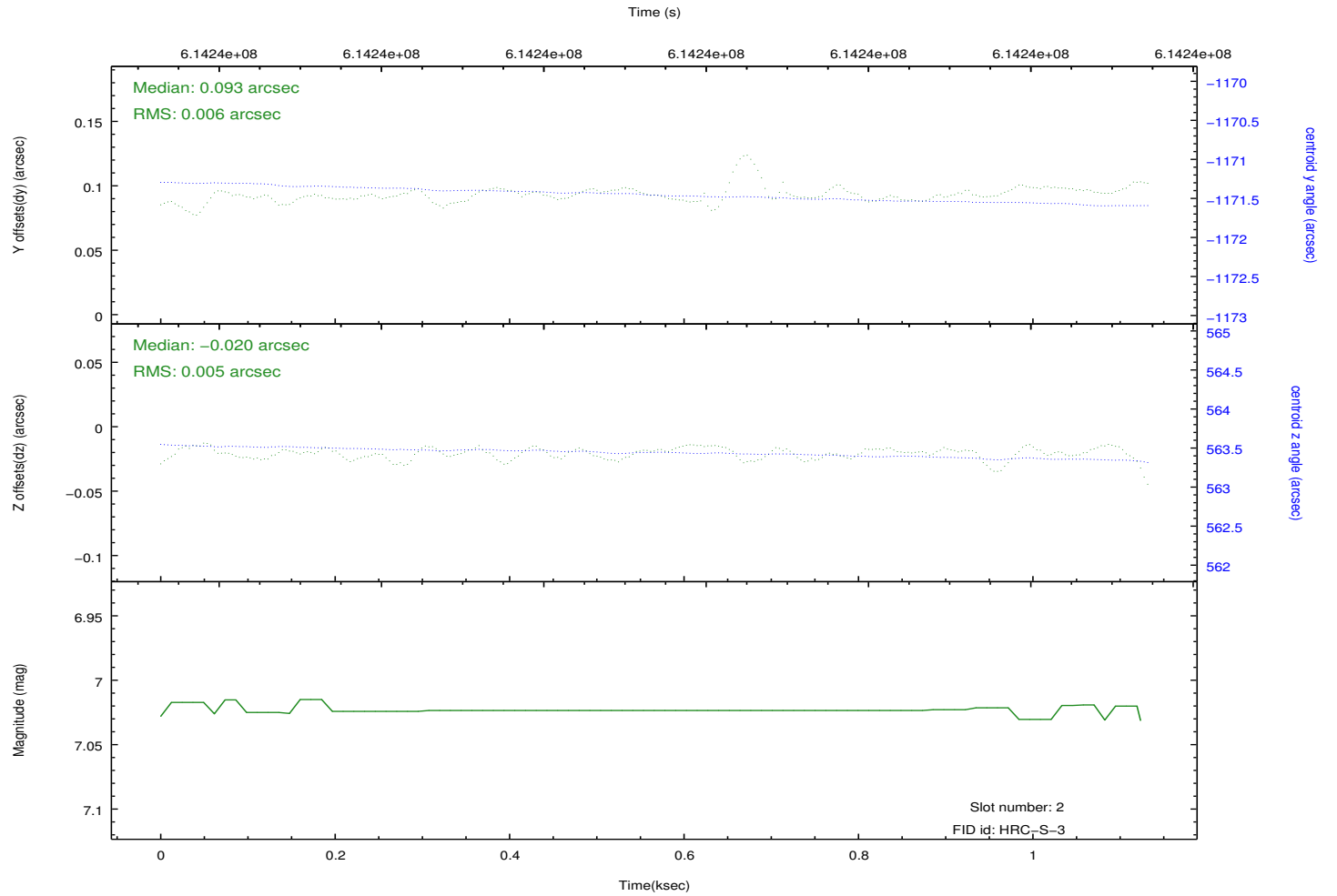
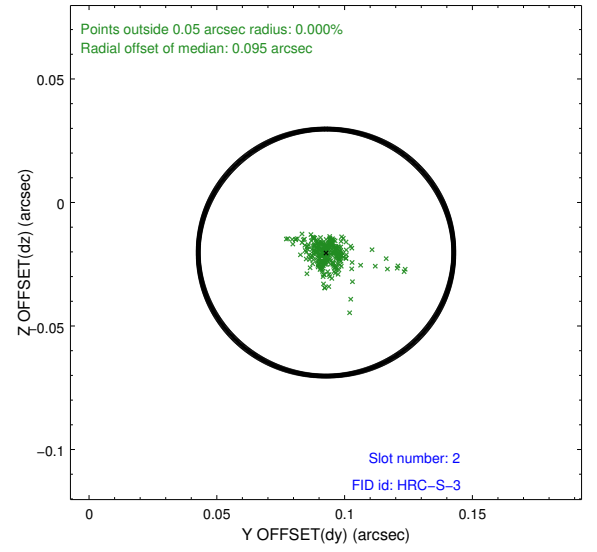
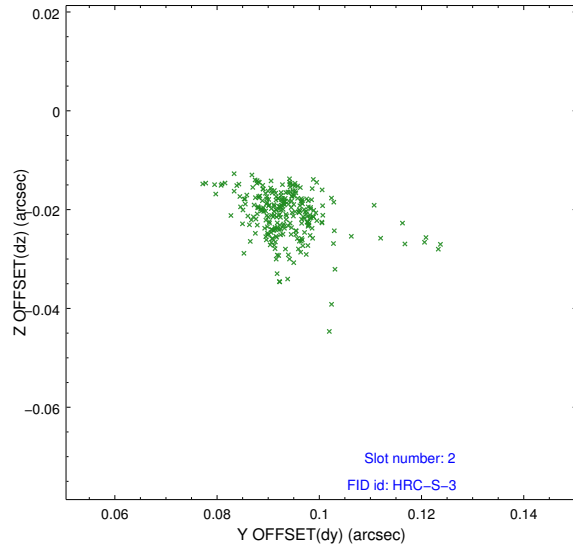
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2017.06.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1316000659466

A.2 Comments

Window preference met.