

V&V Reference Report

L2 ASCDS Version : 10.4

Observation 17328 - L2 Version 1
Chandra X-Ray Center

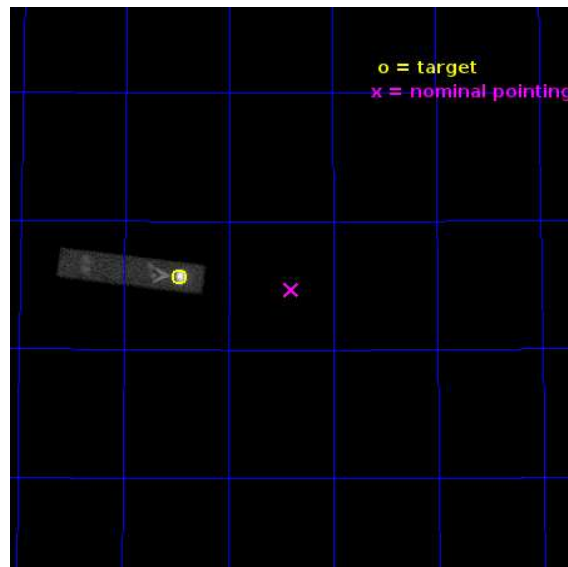
L2 Processing Date : Jul 7 2015

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1 Front

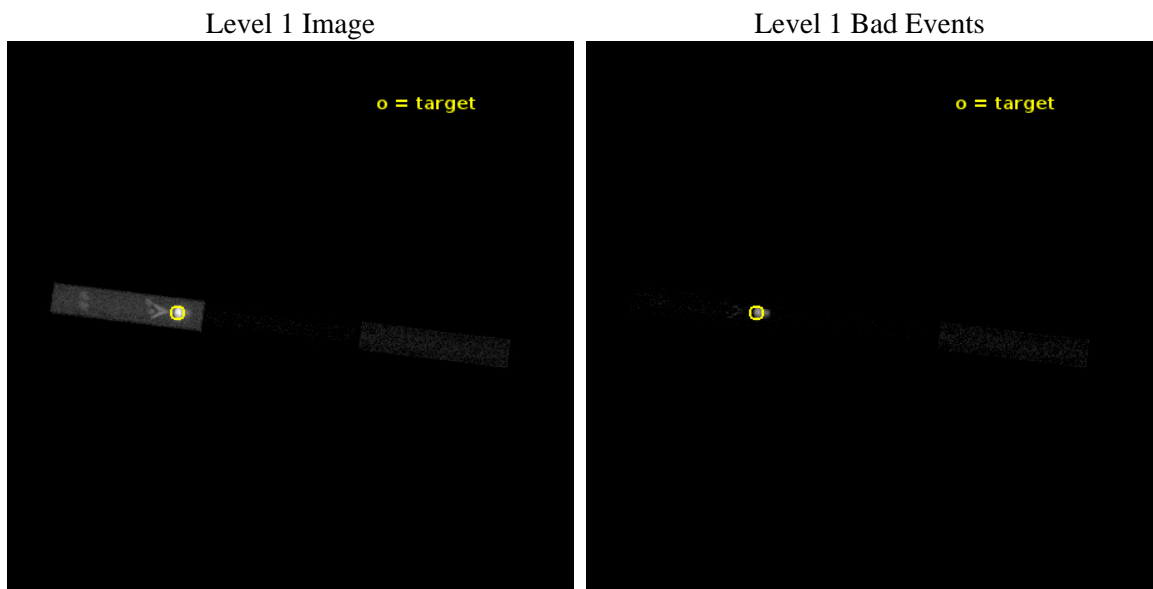
seq_num	291201	Sequence number
obs_id	17328	Observation id
title	AO-16 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235833	Observer's specified target RA [deg]
dec_targ	38.78475	Observer's specified target Dec [deg]
ra_nom	278.69948687847	Nominal RA [deg]
dec_nom	38.735281554944	Nominal Dec [deg]
roll_nom	187.10722085793	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1182.0813167095	[s]
livetime	485.08065759776	Ontime multiplied by DTCOR
l2events	212116	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	10.4	Processing system revision	ontime	1182.0813167095	[s]
caldbver	4.6.7	 	l1events	267394	Number of level 1 events
date	2015-07-07T05:46:47	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

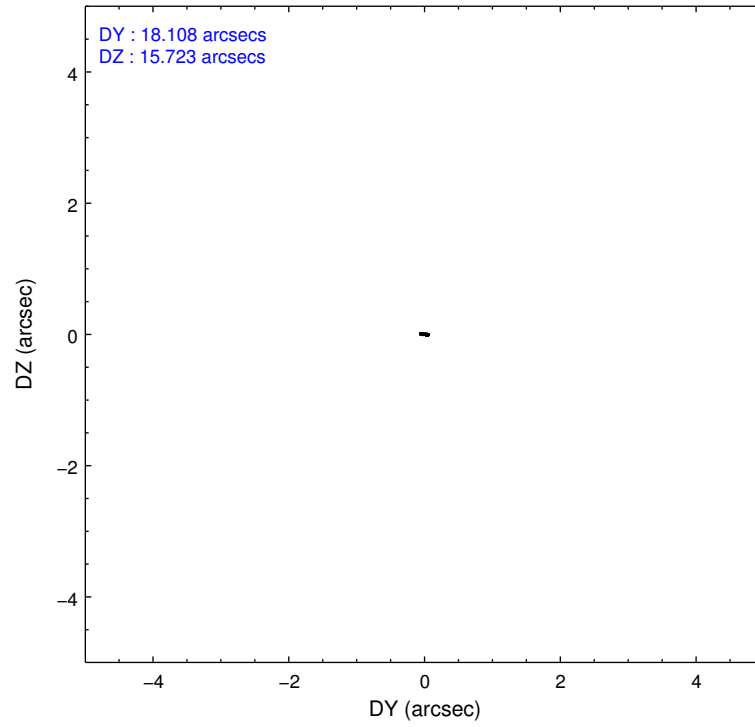
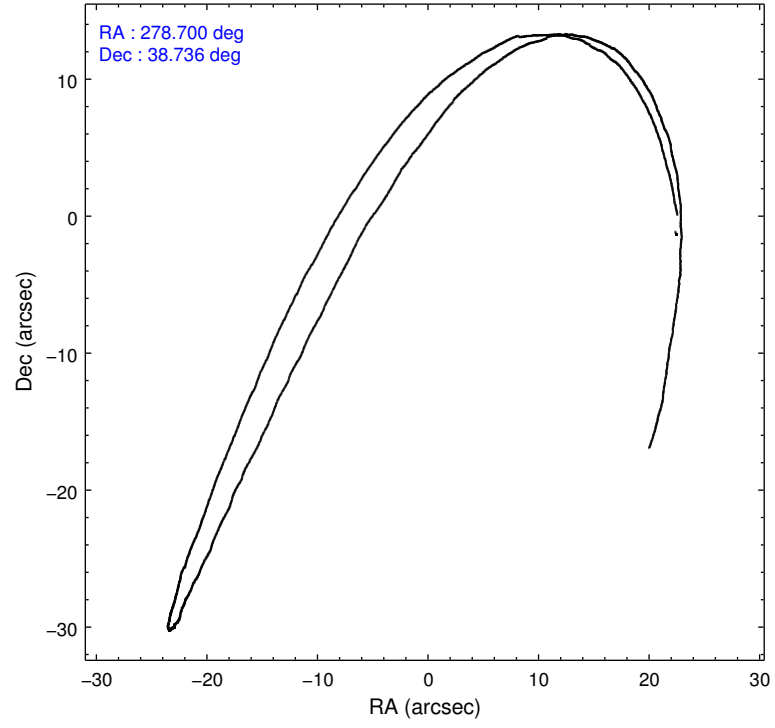
	segment 1	segment 2	segment 3
level 1 events	262188	349	4857
rejected events	44241	334	4857
rejected %	16%	95%	100%

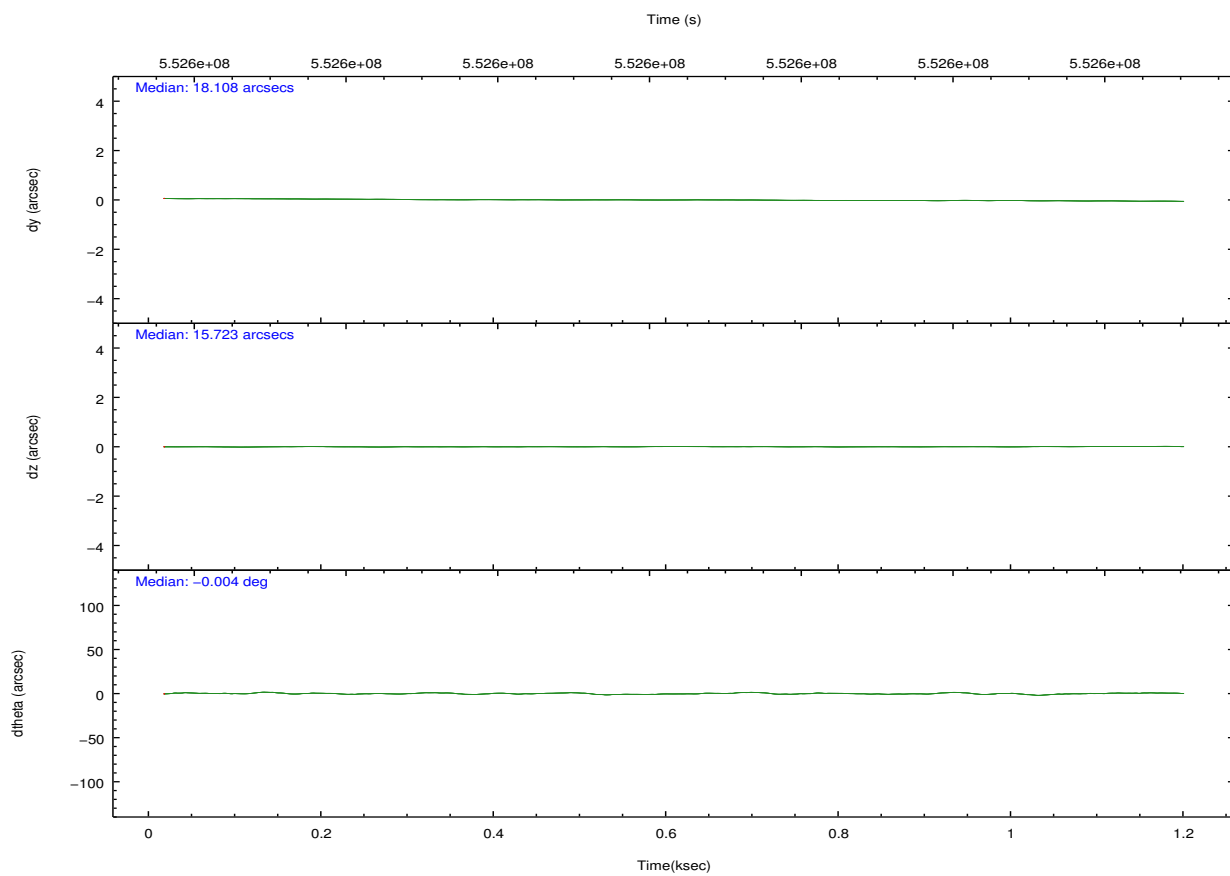
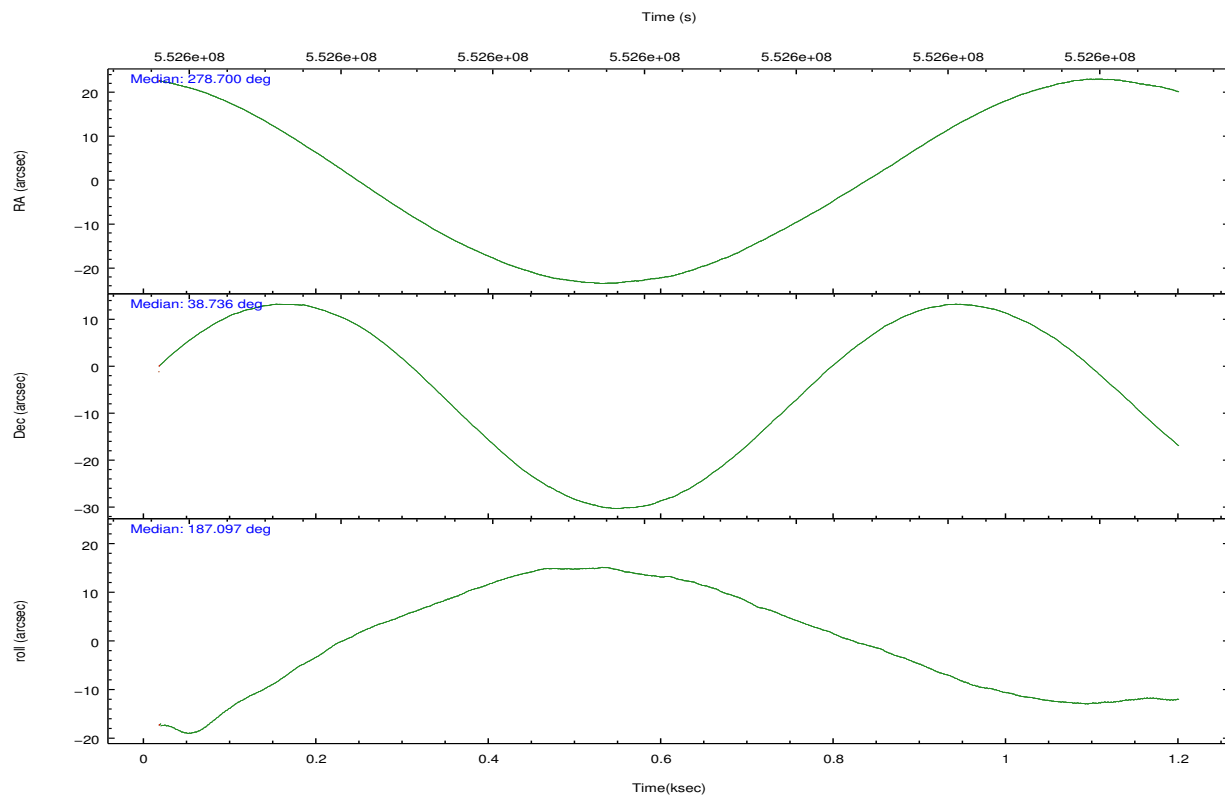
2.2 Compared Parameters

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	278.727469	278.6994868784697
[deg] Pointing Dec	38.752822	38.73528155494358
[deg] Pointing Roll	187.022300	187.1072208579328
[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)	552598026.184000	552597649.44338
Observation start date	2015-07-06T19:25:58	2015-07-06T19:20:49
[s] Observation end time (MET)	552599026.184000	552599161.31846
Observation end date	2015-07-06T19:42:38	2015-07-06T19:46:01

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

2.3 Aspect



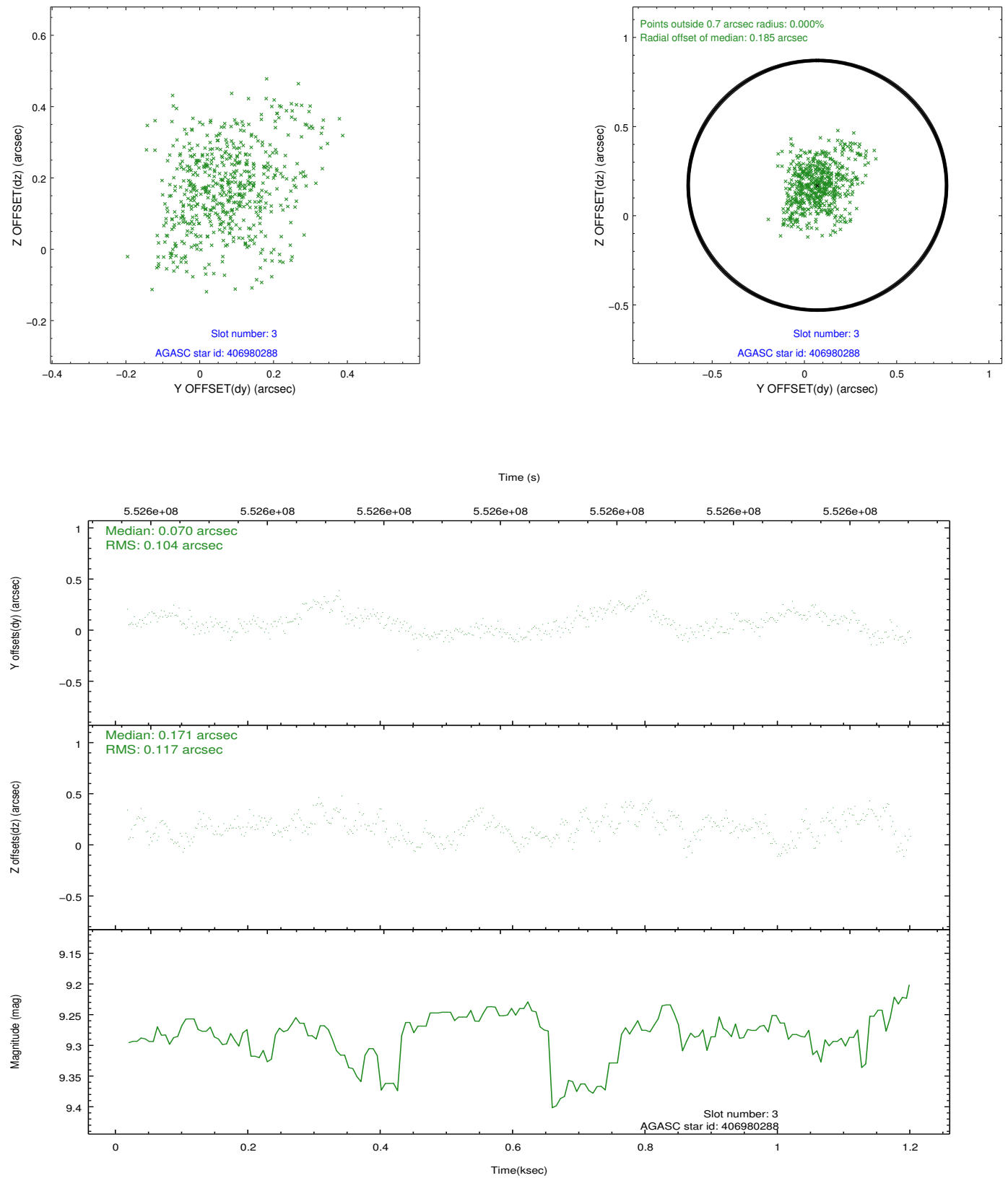


Slot Statistics

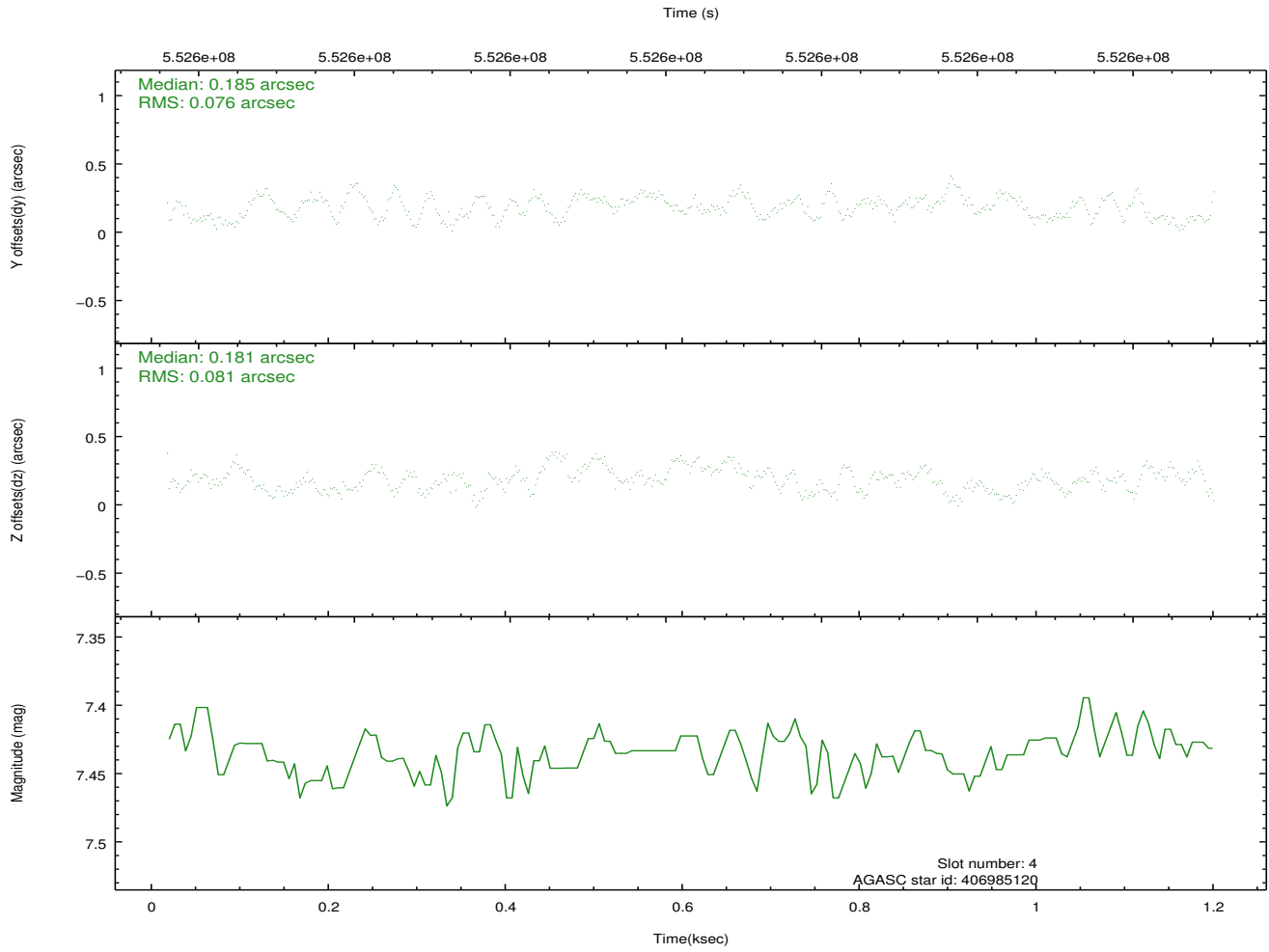
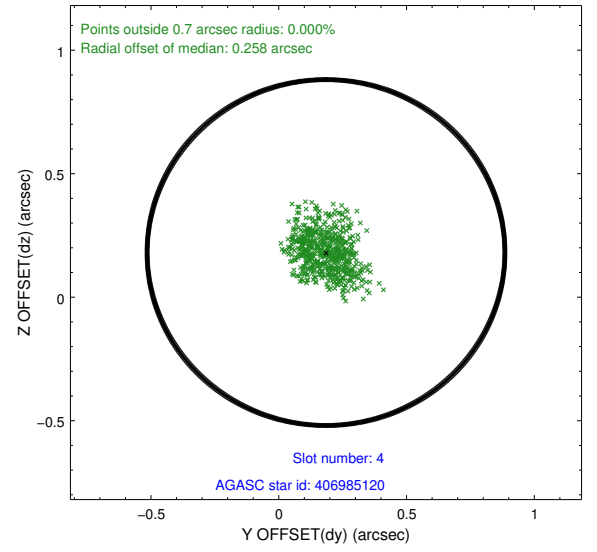
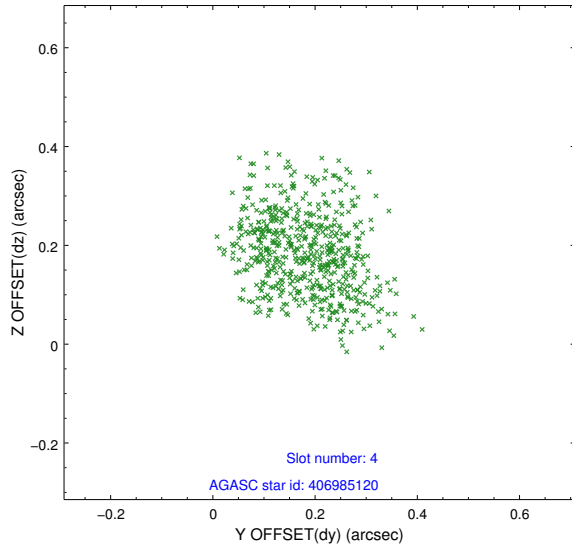
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-S-1	7.05	289	0.020	-0.227	0.006	0.011	0.000000	0.000000	-1172.64	-464.68
1	FID		HRC-S-2	7.02	289	0.298	-0.125	0.005	0.011	0.000000	0.000000	1223.24	-458.81
2	FID		HRC-S-3	7.05	289	0.072	0.049	0.007	0.010	0.000000	0.000000	-1171.08	563.53
3	GUIDE	used	406980288	9.28	578	0.070	0.171	0.166	0.281	278.903147	39.061646	-623.95	-1043.83
4	GUIDE	used	406985120	7.44	578	0.185	0.181	0.120	0.183	278.839732	38.894839	-373.45	-467.42
5	GUIDE	used	406987272	6.93	578	-0.336	-0.316	0.100	0.153	278.536588	38.437504	674.20	1061.84
6	GUIDE	used	406989616	8.22	578	0.044	0.017	0.098	0.156	279.202881	38.520843	-1224.20	994.21
7	GUIDE	used	406990192	8.97	577	0.038	-0.050	0.107	0.184	278.510952	38.533654	701.38	713.08

2.4 Star Slots

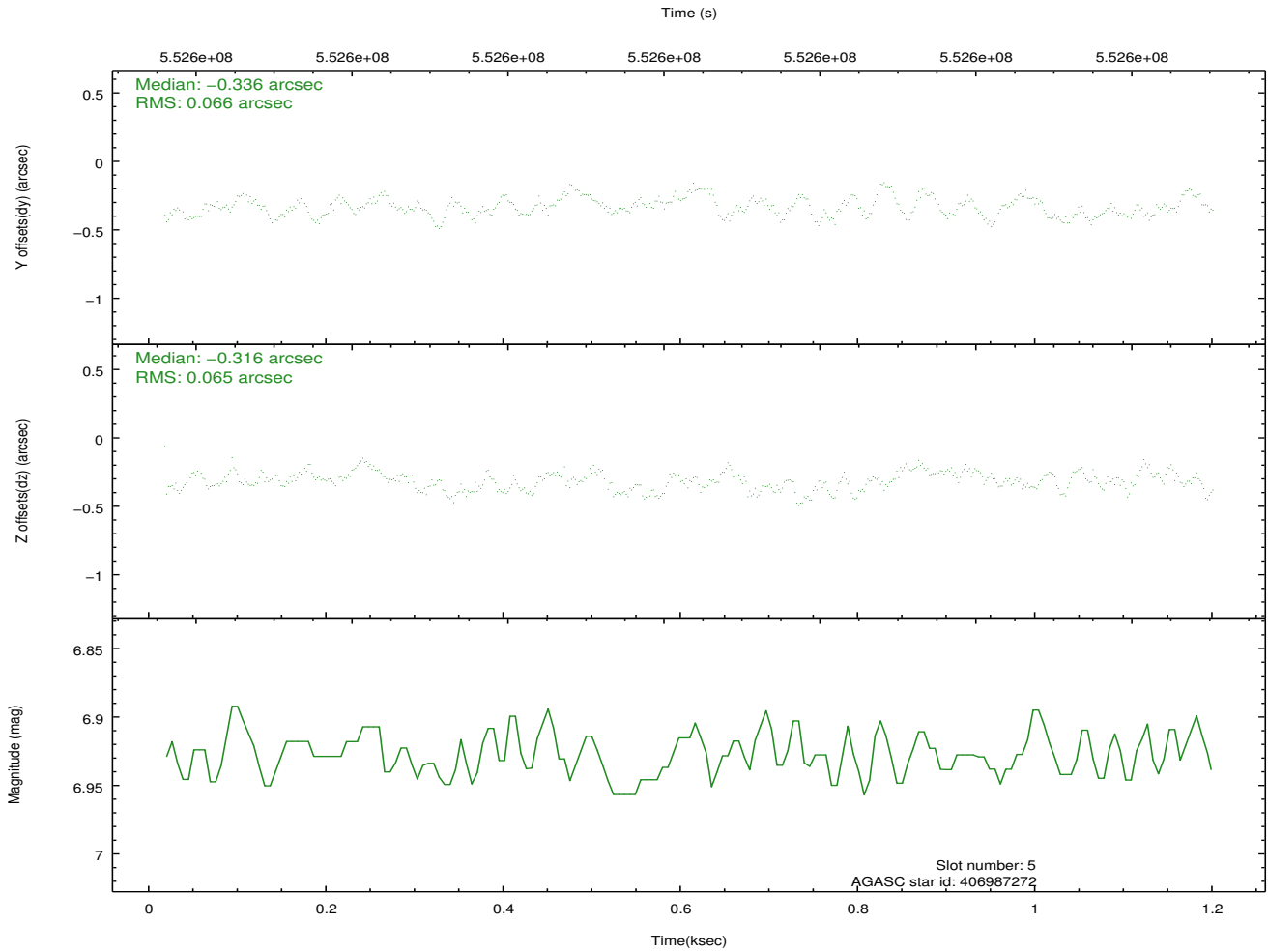
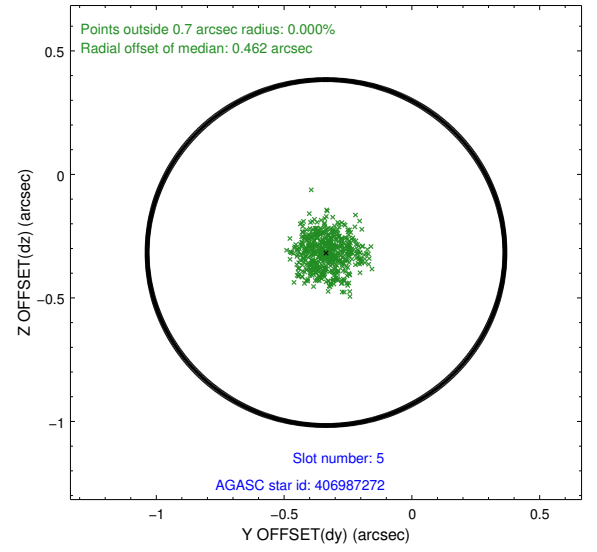
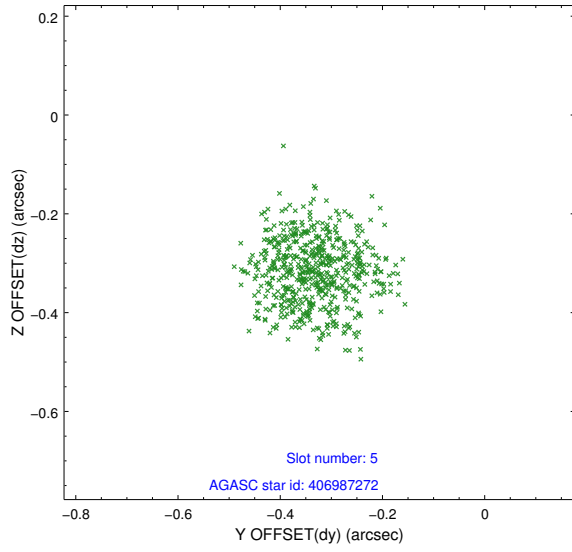
2.4.1 Slot 3



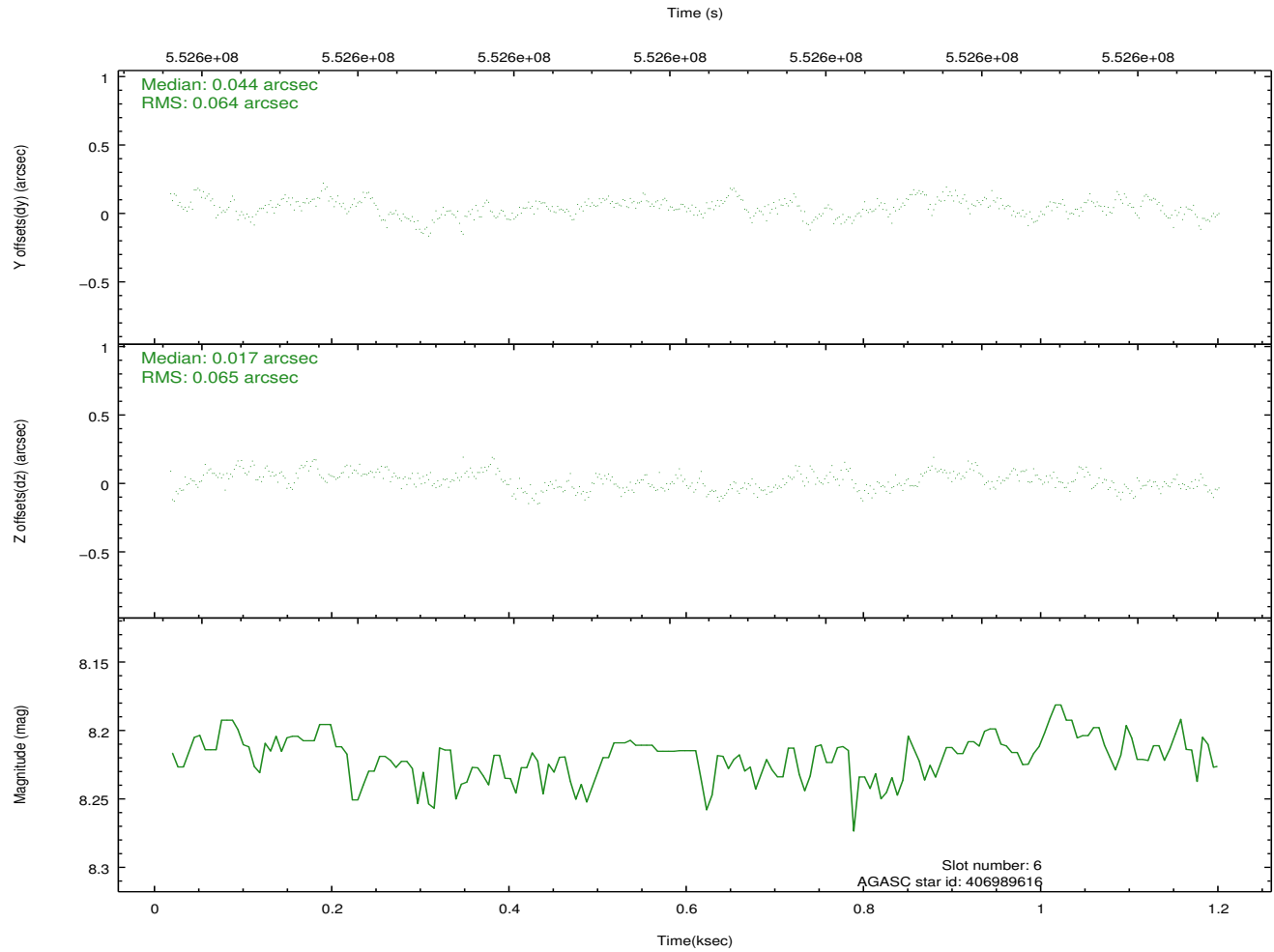
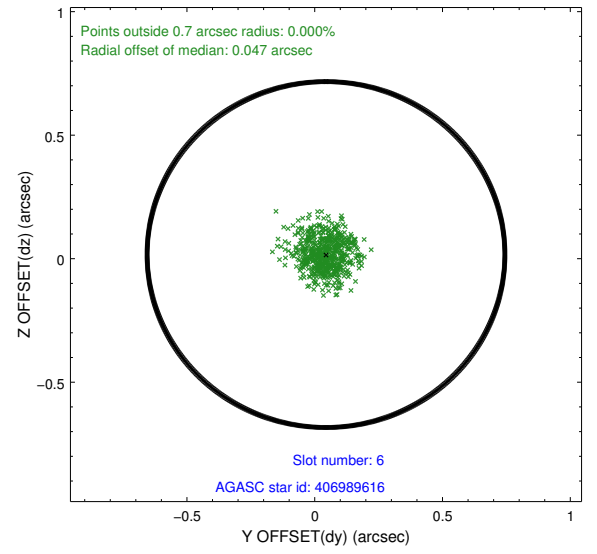
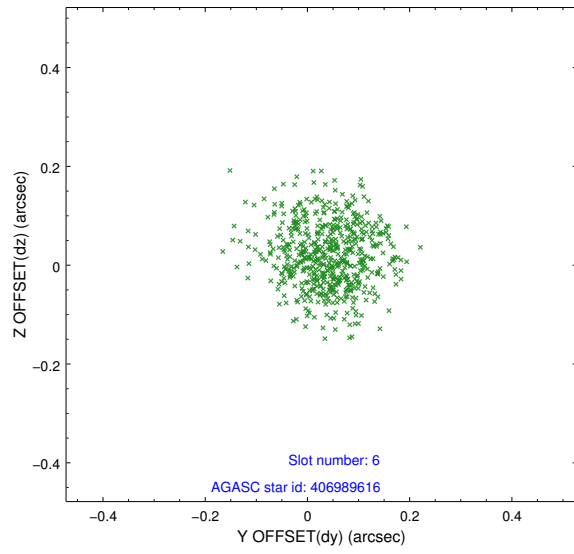
2.4.2 Slot 4



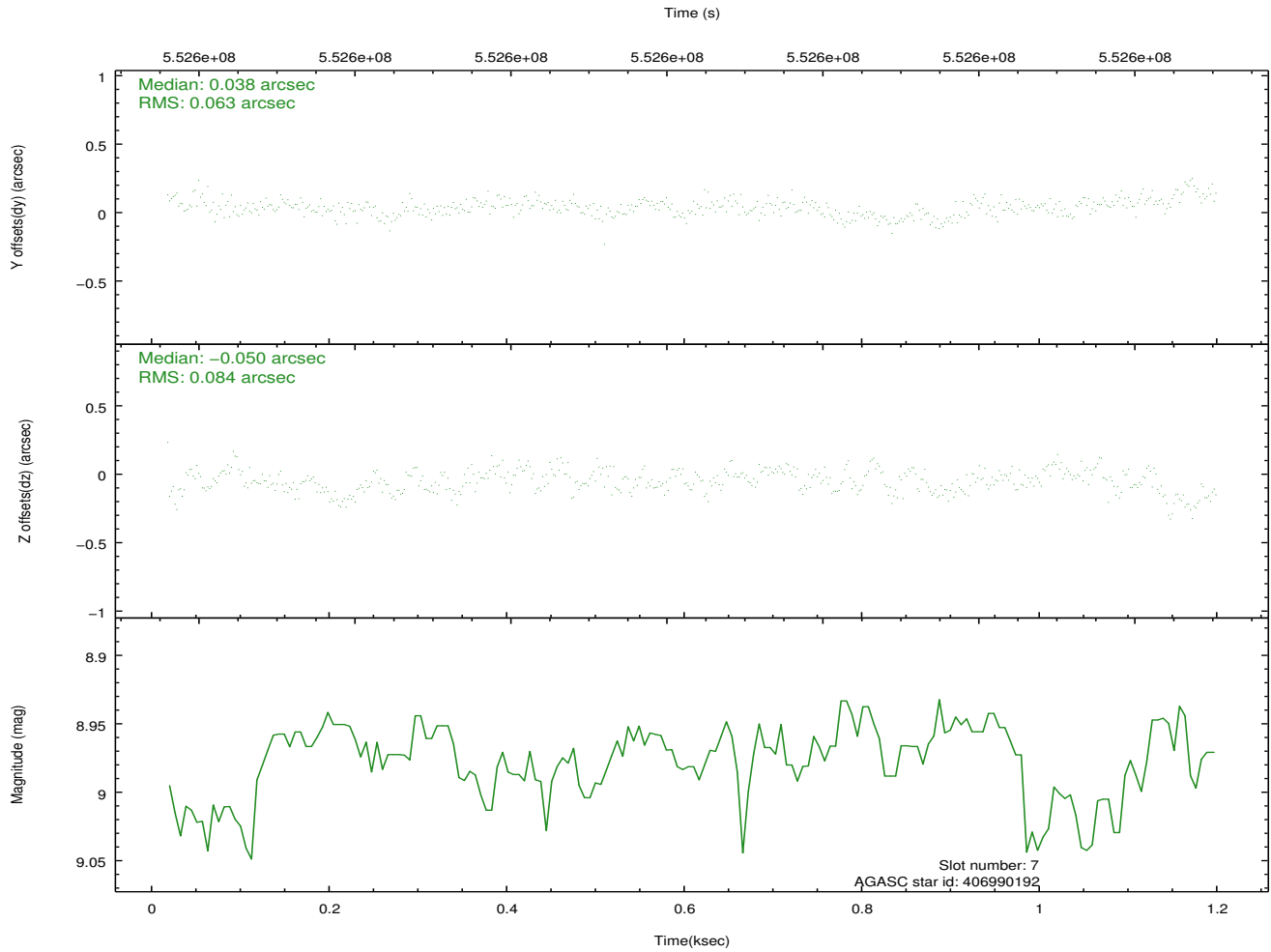
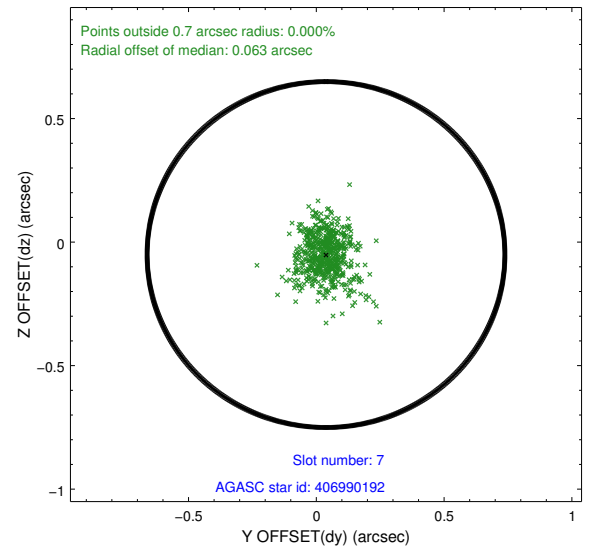
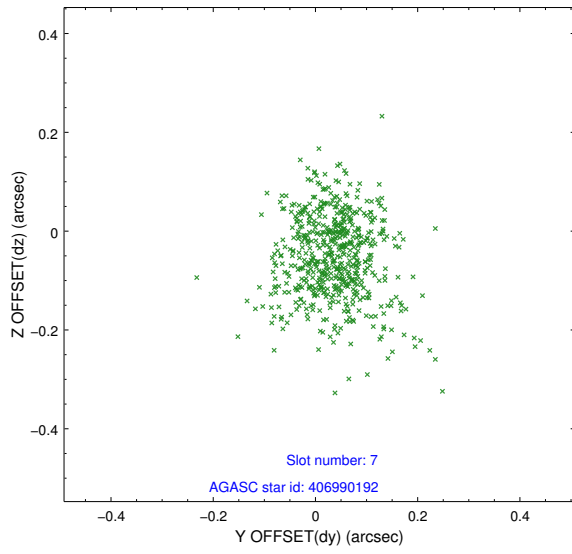
2.4.3 Slot 5



2.4.4 Slot 6

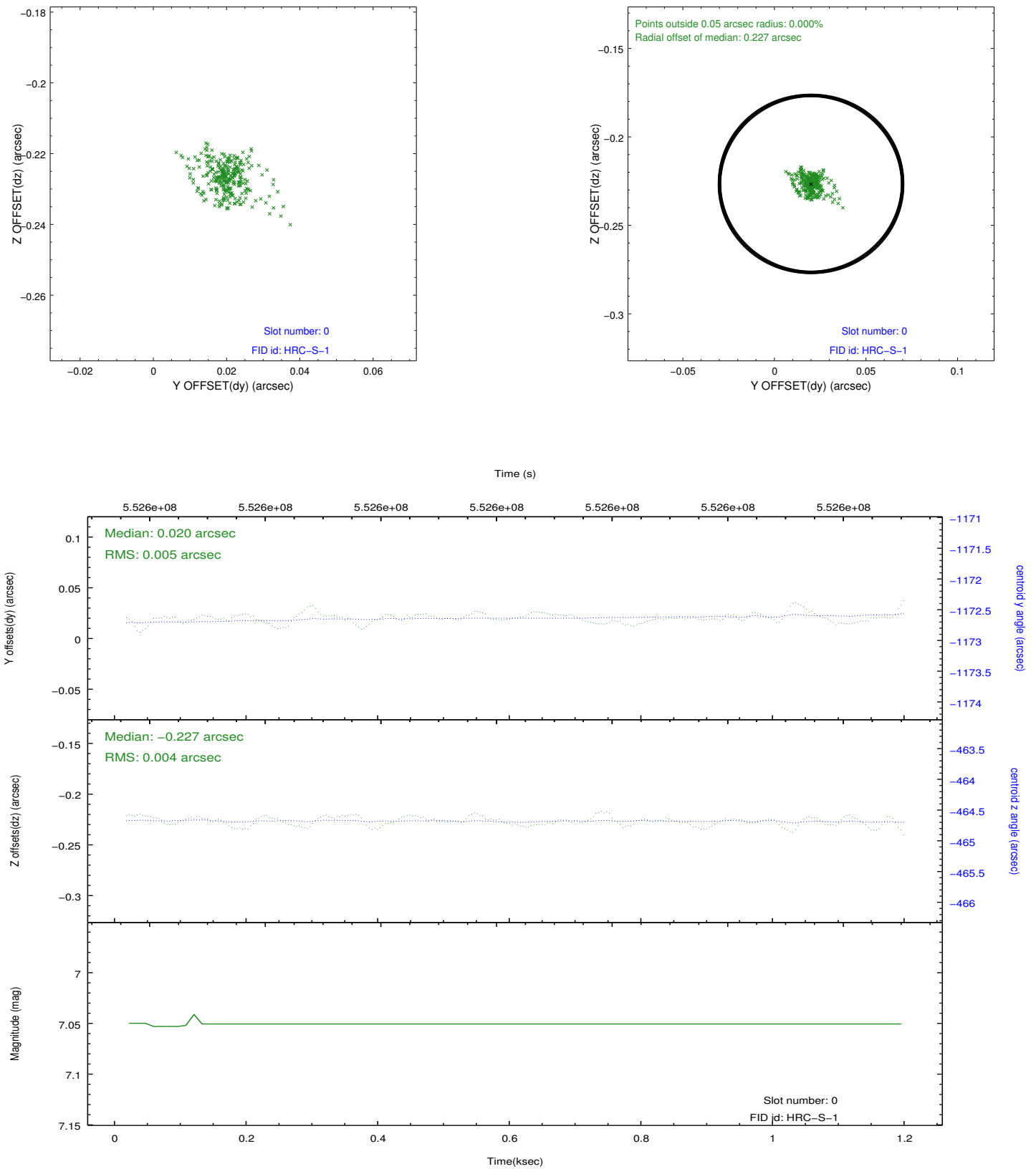


2.4.5 Slot 7

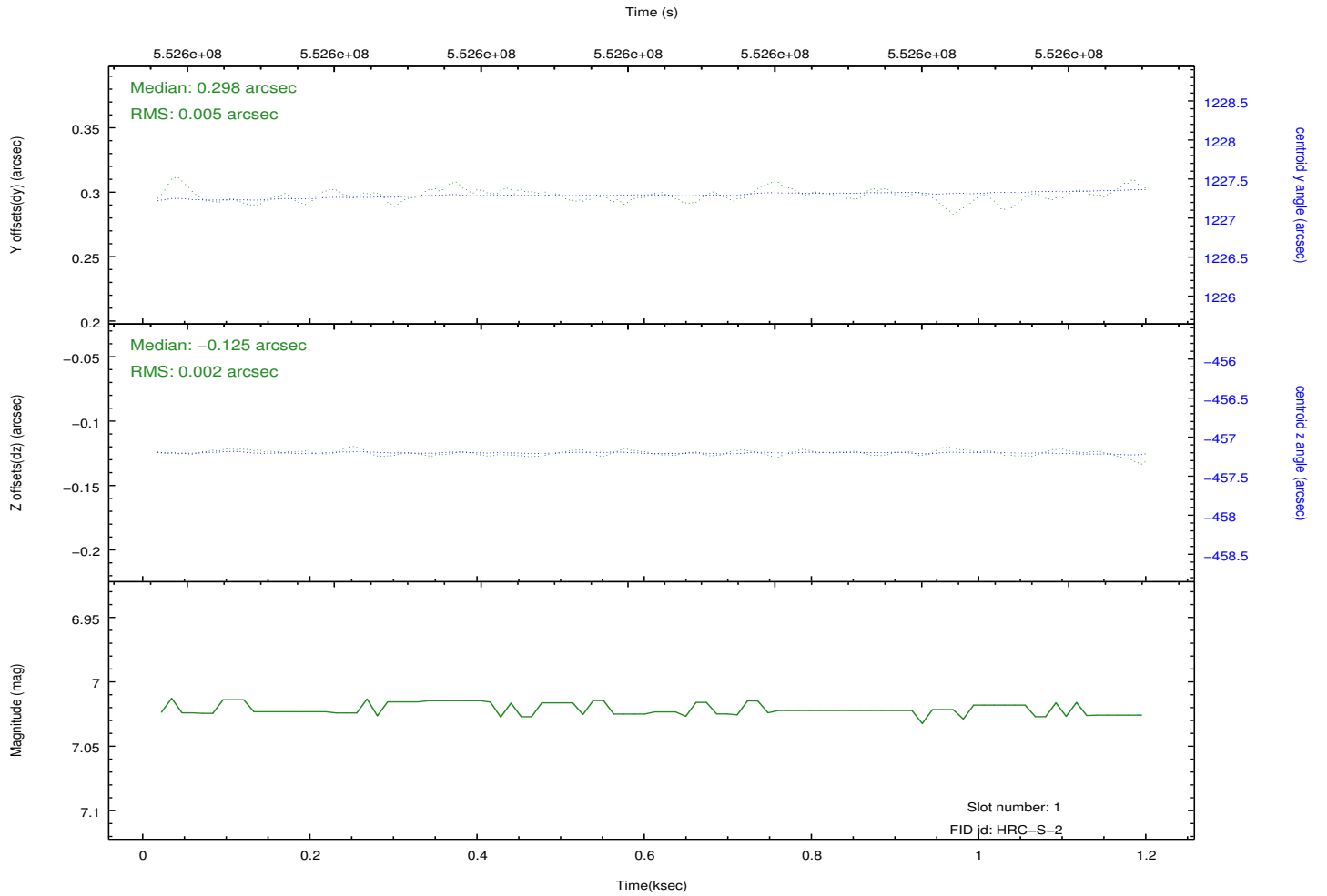
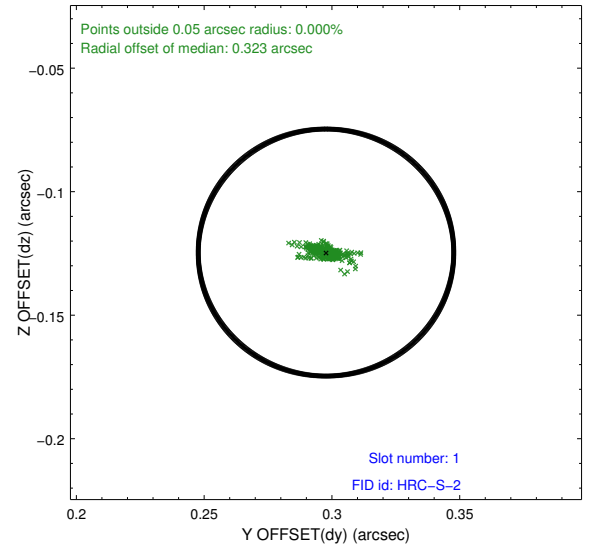
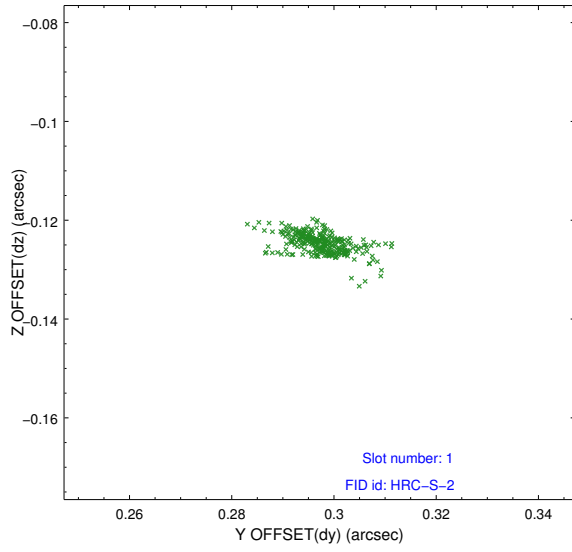


2.5 FID Slots

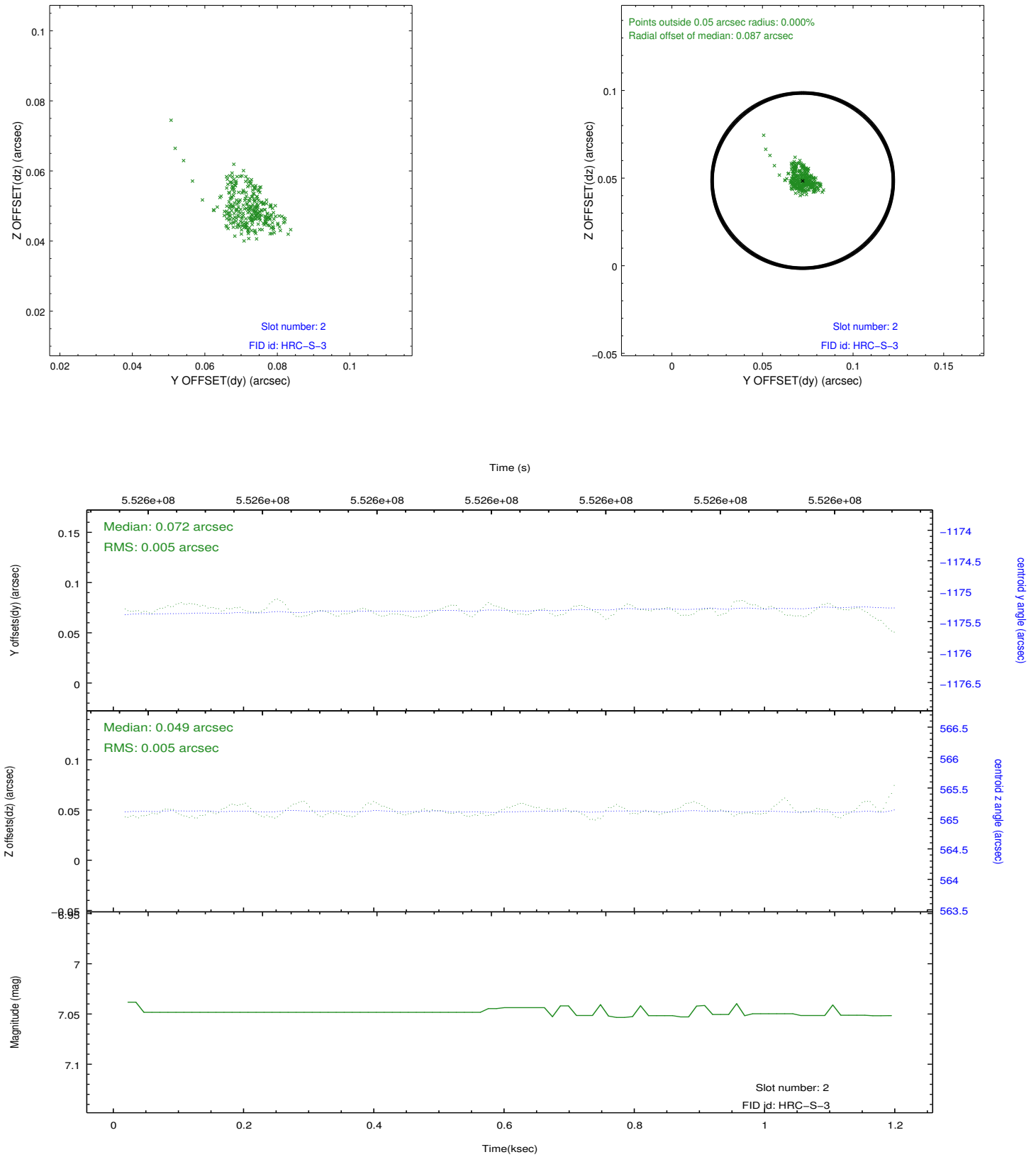
2.5.1 Slot 0



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	1.1820813167095

A.2 Comments