

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9630 - L2 Version 3
Chandra X-Ray Center

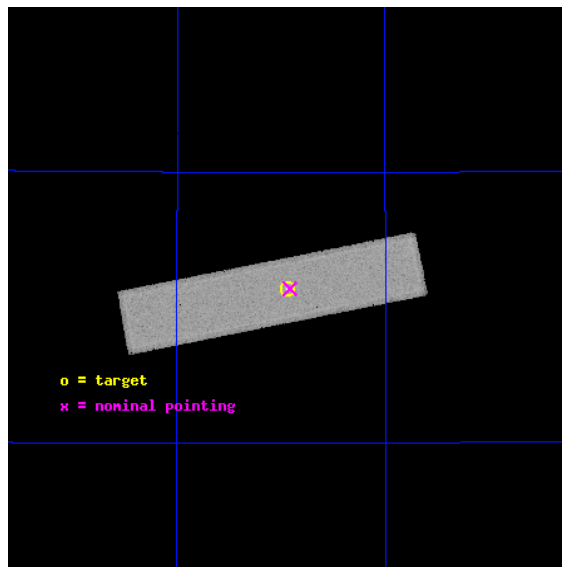
L2 Processing Date : Aug 12 2012

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1 Front

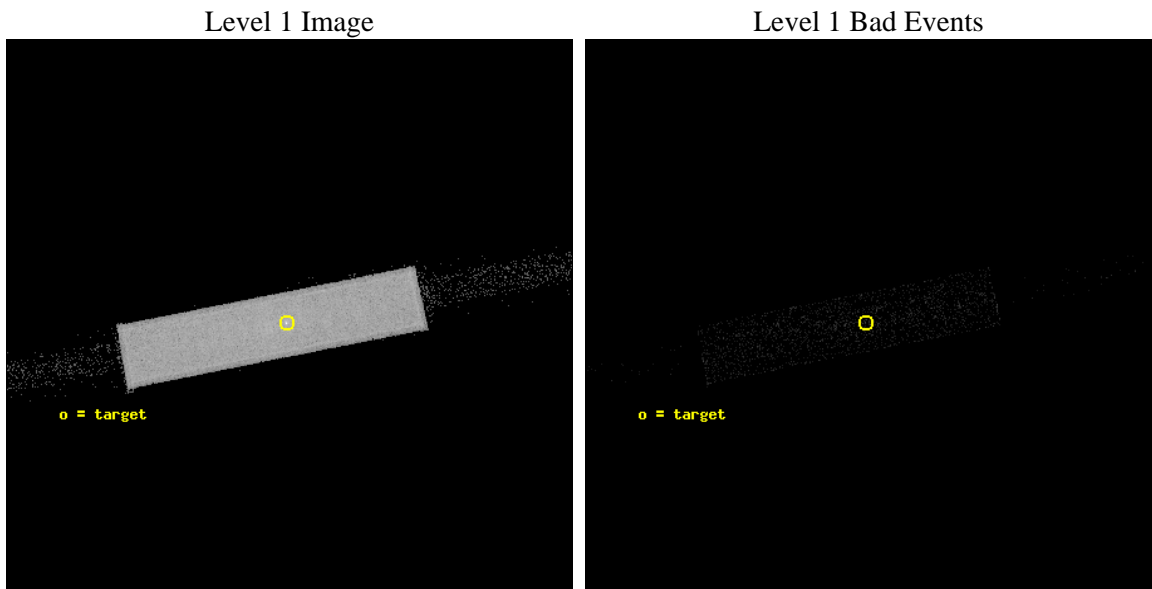
seq_num	290753	Sequence number
obs_id	9630	Observation id
title	AO9 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.22896625099	Nominal RA [deg]
dec_nom	38.784650353974	Nominal Dec [deg]
roll_nom	168.75235660017	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2182.2251067162	[s]
livetime	2164.680610454	Ontime multiplied by DTCOR
l2events	121469	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	2182.2251067162	[s]
caldsver	4.5.1.1	 	l1events	234002	Number of level 1 events
date	2012-08-12T13:47:41	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

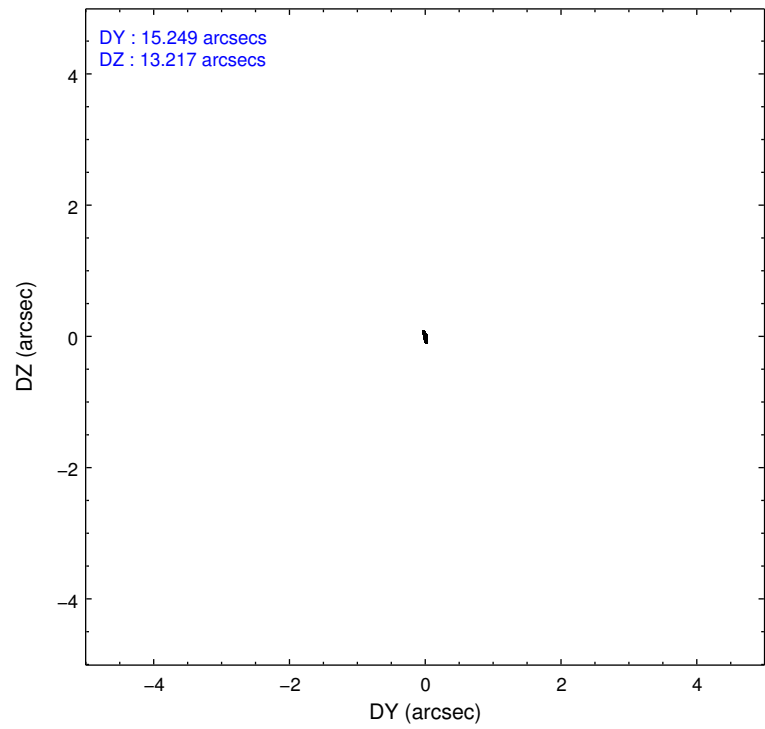
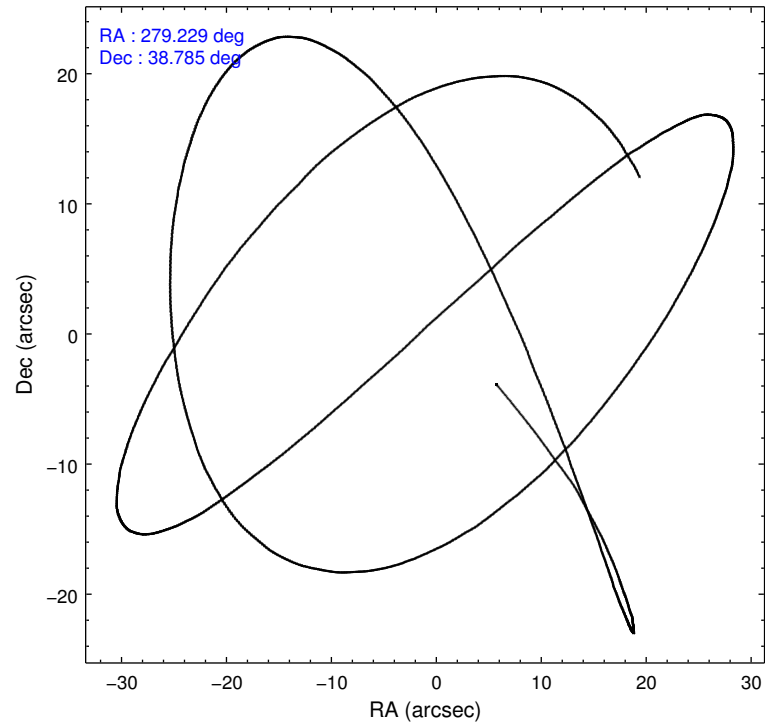
	segment 1	segment 2	segment 3
level 1 events	988	232043	971
rejected events	988	84691	971
rejected %	100%	36%	100%

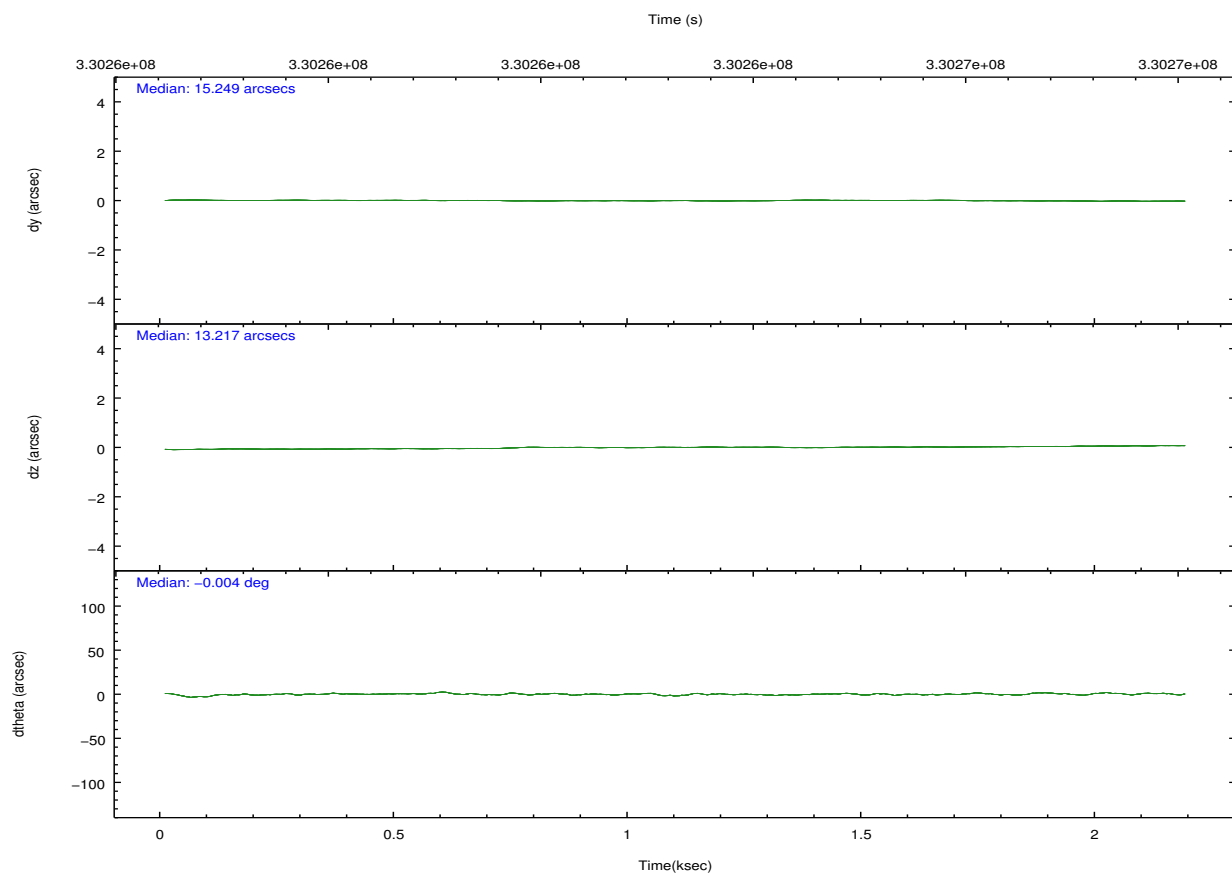
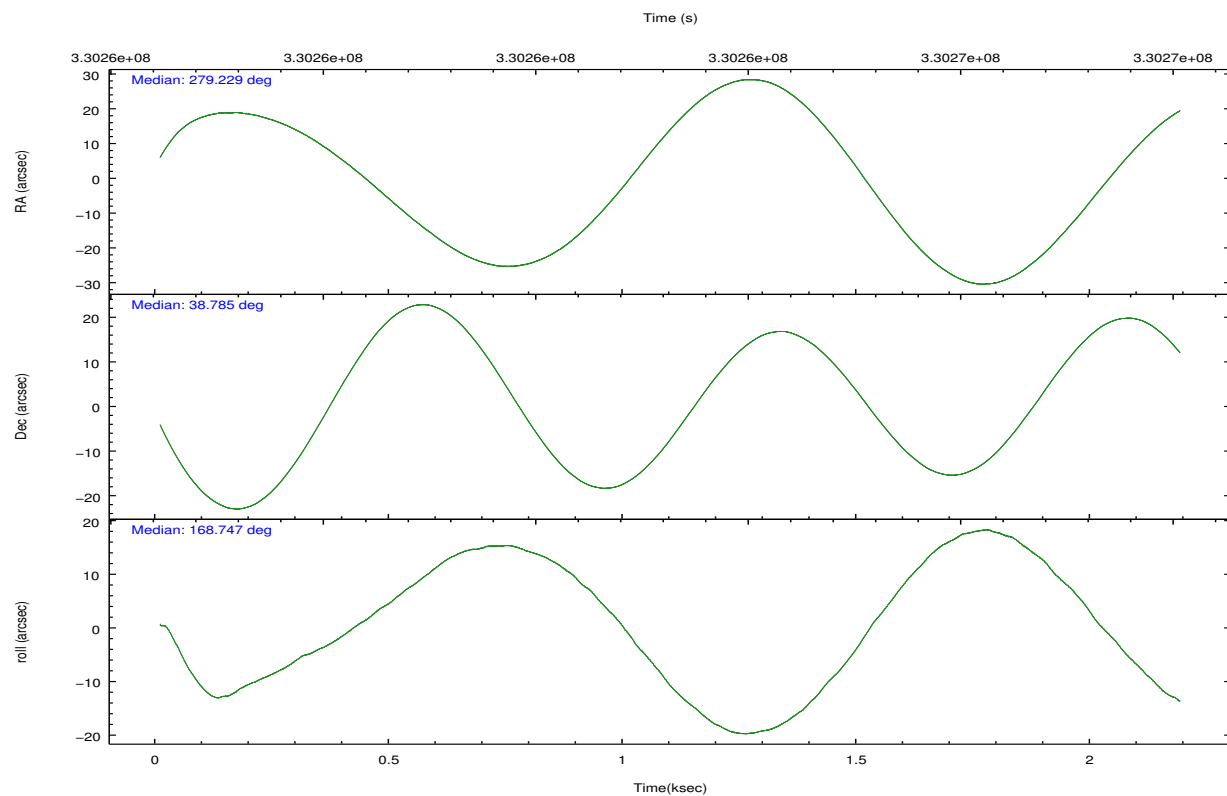
2.2 Compared Parameters

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	279.263276	279.2289662509868
[deg] Pointing Dec	38.795347	38.78465035397448
[deg] Pointing Roll	168.663476	168.752356600173
[s] Window start time (MET)	328665665.184000	328665665.184000
[s] Window stop time (MET)	336528065.184000	336528065.184000
[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)	330263905.184000	330262603.81943
Observation start date	2008-06-19T11:57:20	2008-06-19T11:36:43
[s] Observation end time (MET)	330265905.184000	330266039.61959
Observation end date	2008-06-19T12:30:40	2008-06-19T12:33:59

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

2.3 Aspect



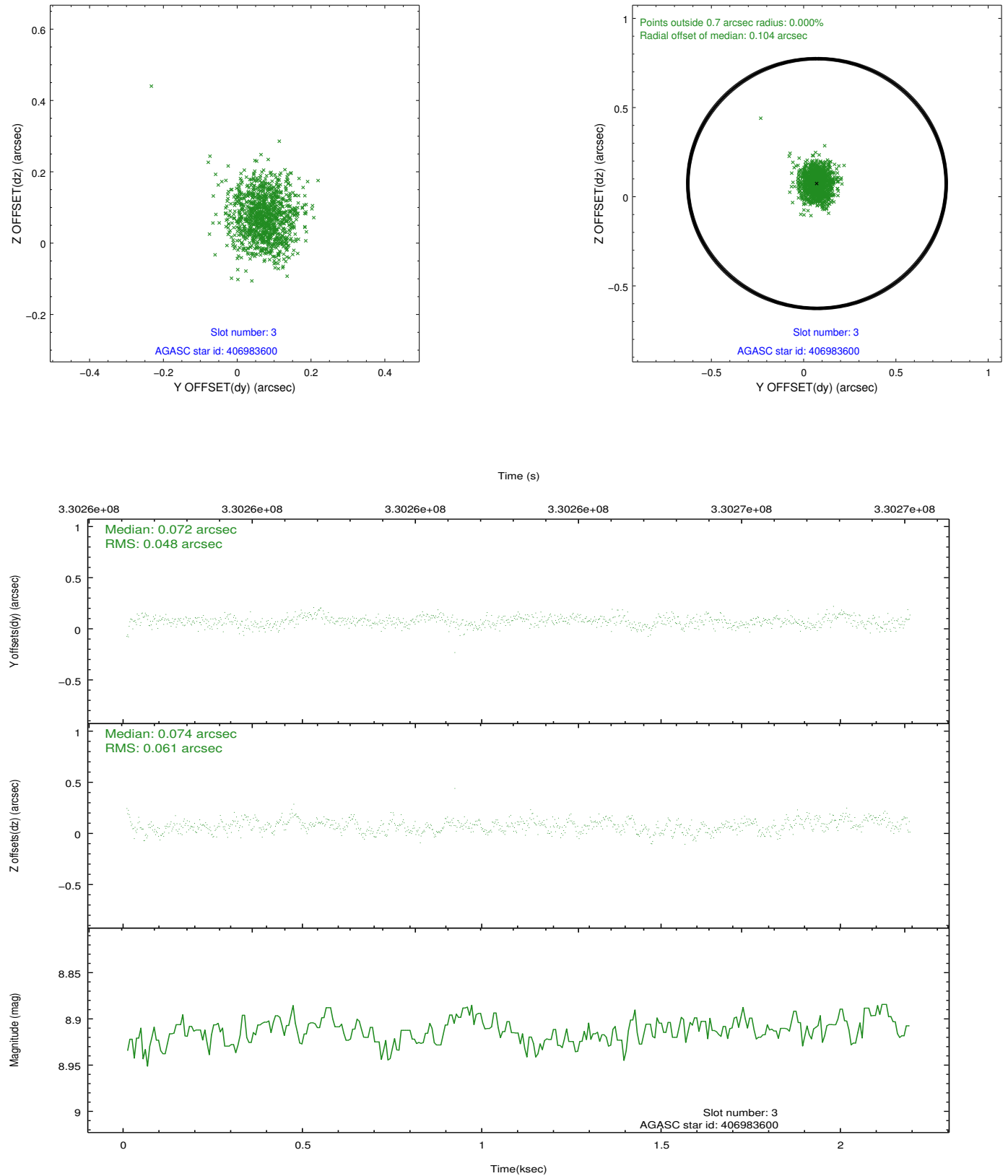


Slot Statistics

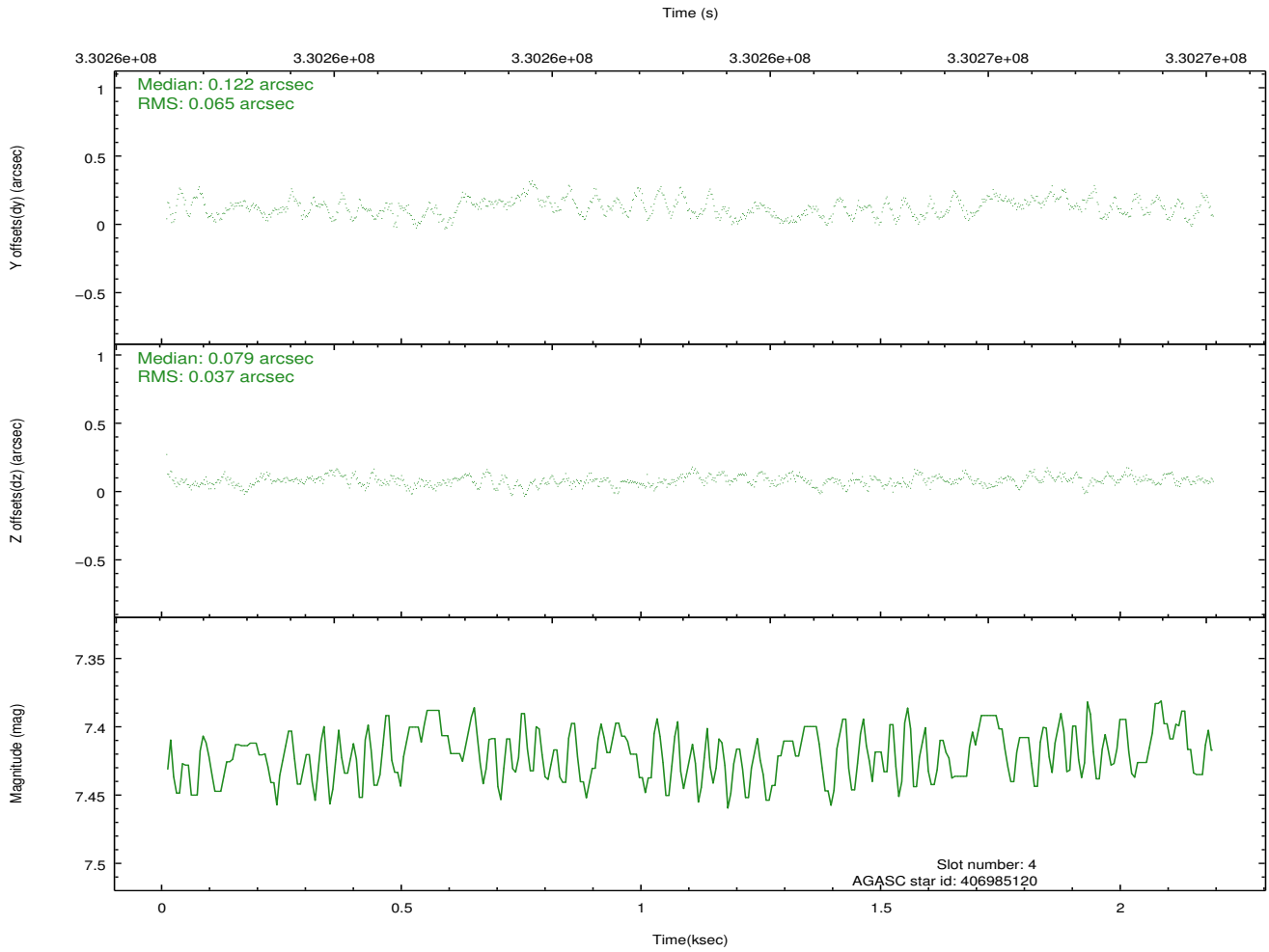
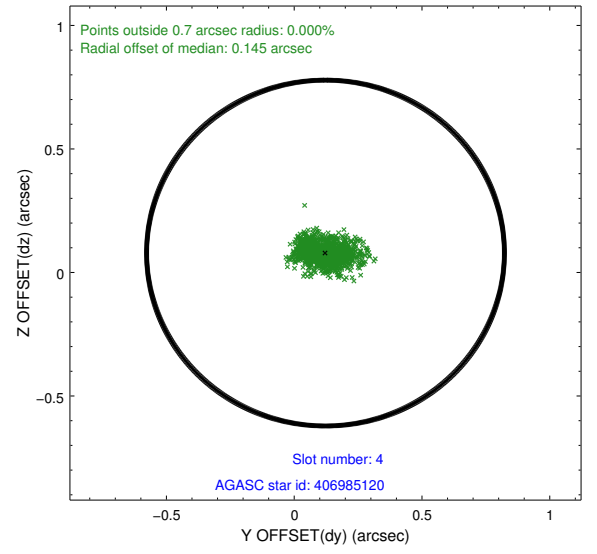
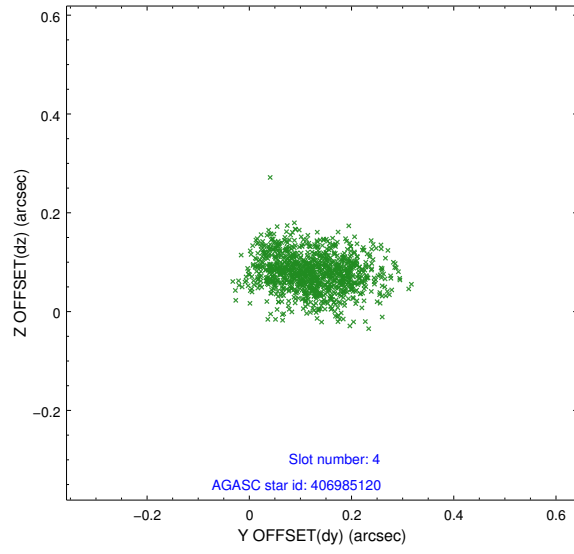
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	532	0.033	-0.132	0.005	0.010	0.000000	0.000000	-1169.70	-461.98
1	FID	HRC-S-2	6.97	533	0.166	-0.043	0.010	0.019	0.000000	0.000000	1227.90	-455.39
2	FID	HRC-S-4	6.95	533	0.203	-0.129	0.008	0.017	0.000000	0.000000	1231.01	569.25
3	GUIDE	406983600	8.91	1066	0.072	0.074	0.083	0.130	279.940957	39.020708	-1698.00	-1174.72
4	GUIDE	406985120	7.42	1066	0.122	0.079	0.080	0.129	278.839732	38.894839	1233.35	-121.73
5	GUIDE	406987272	6.94	1066	-0.282	-0.340	0.066	0.111	278.536588	38.437504	1758.90	1657.10
6	GUIDE	407510432	8.16	1066	0.076	-0.012	0.102	0.170	278.762778	39.530640	1886.03	-2324.53
7	GUIDE	407521232	8.64	1065	-0.005	0.203	0.104	0.164	279.628883	39.431715	-543.79	-2450.34

2.4 Star Slots

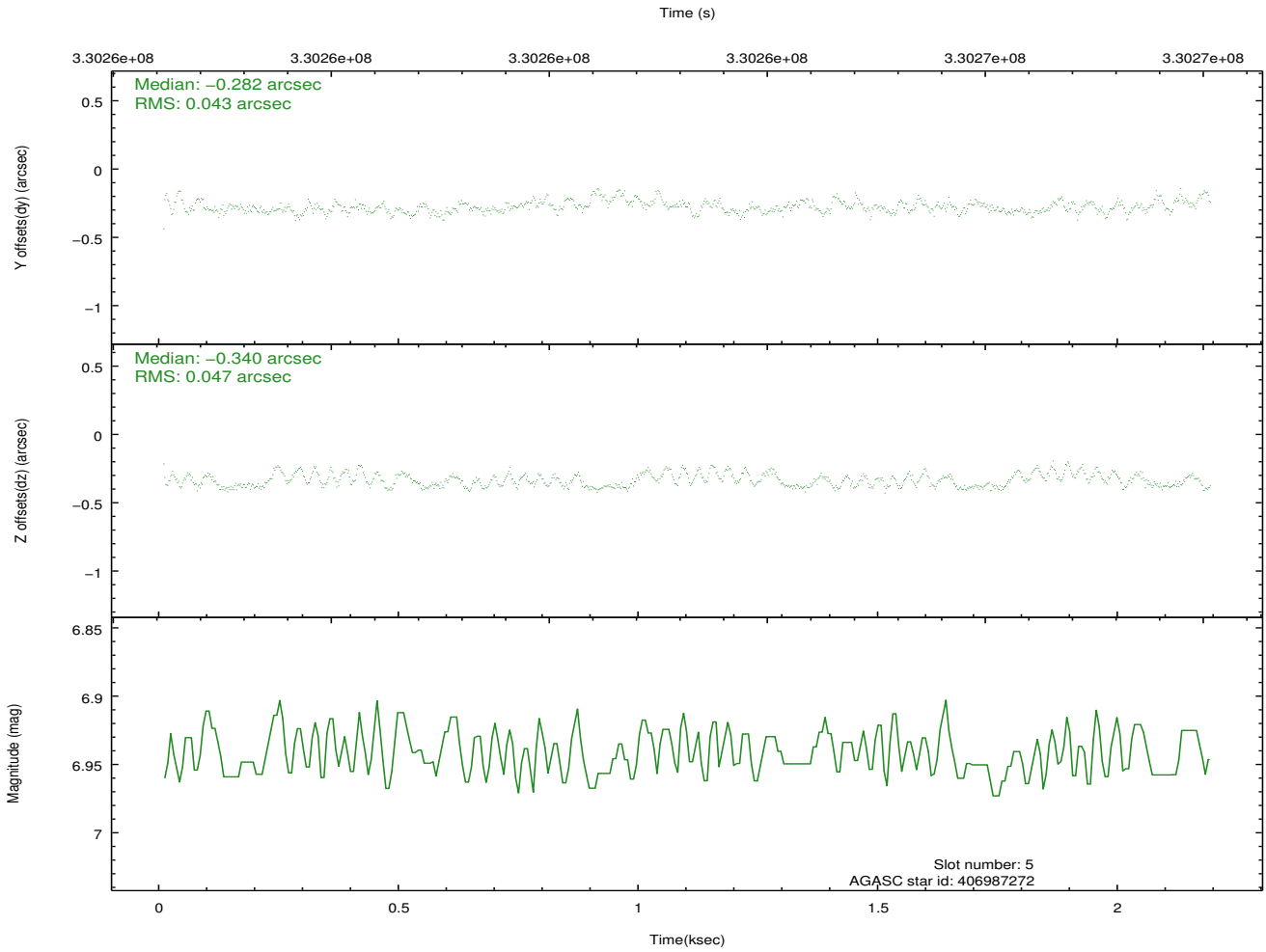
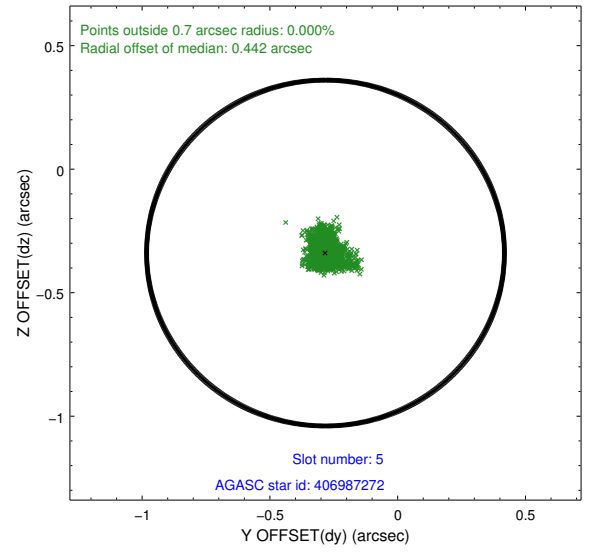
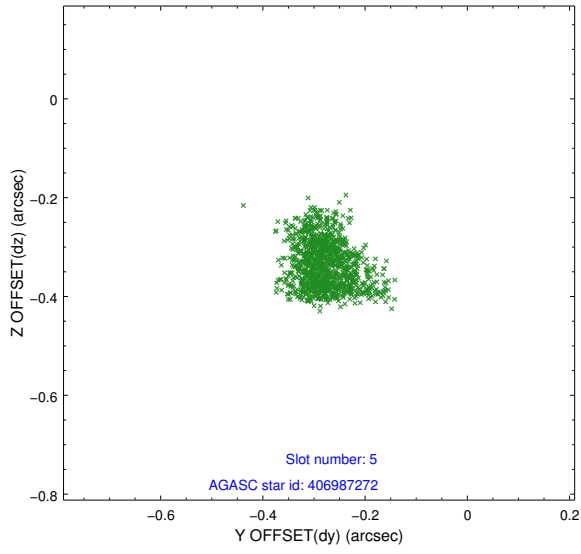
2.4.1 Slot 3



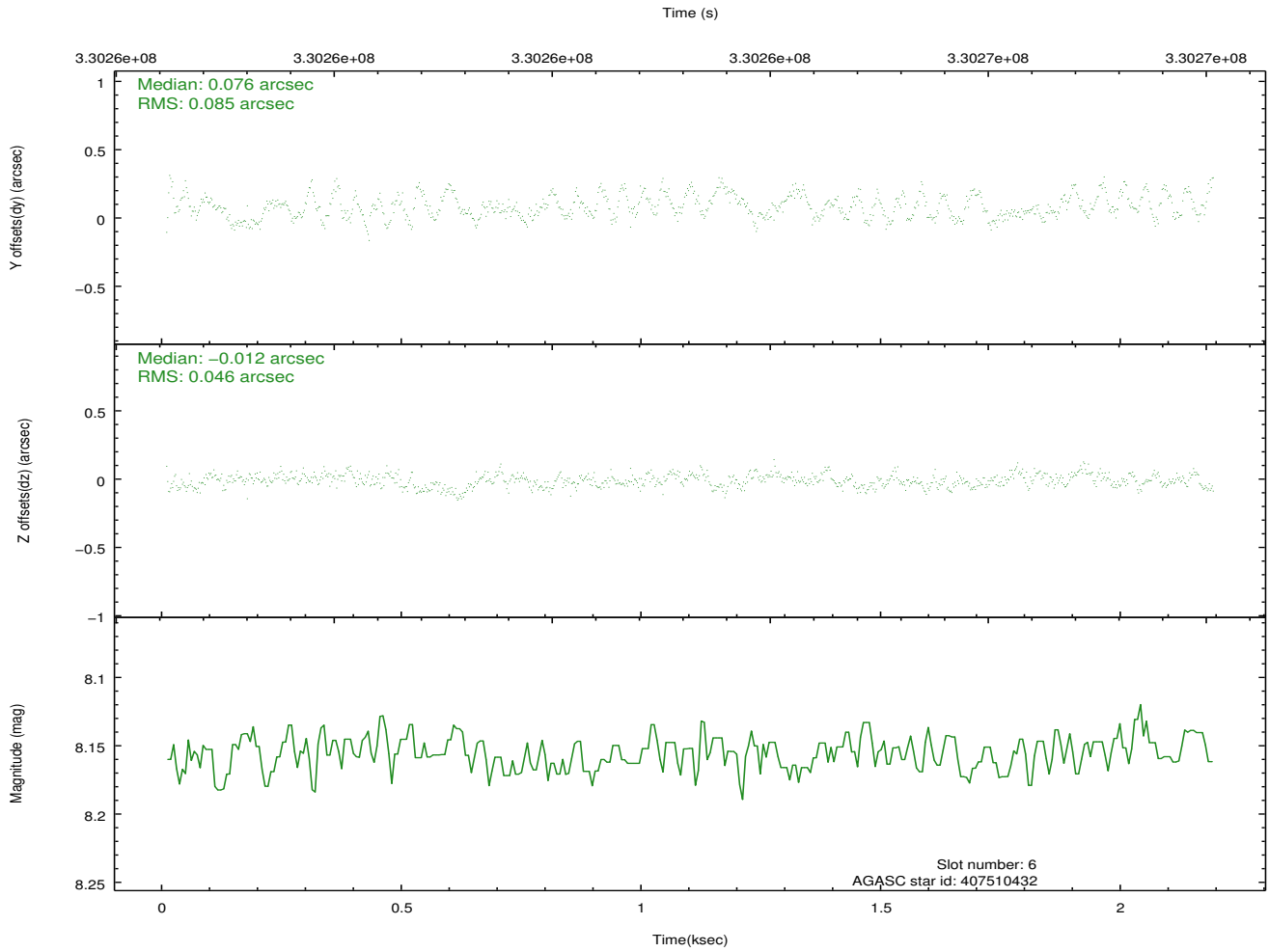
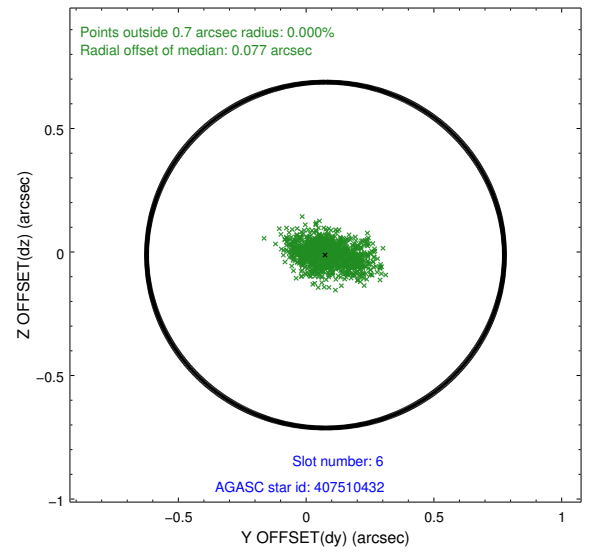
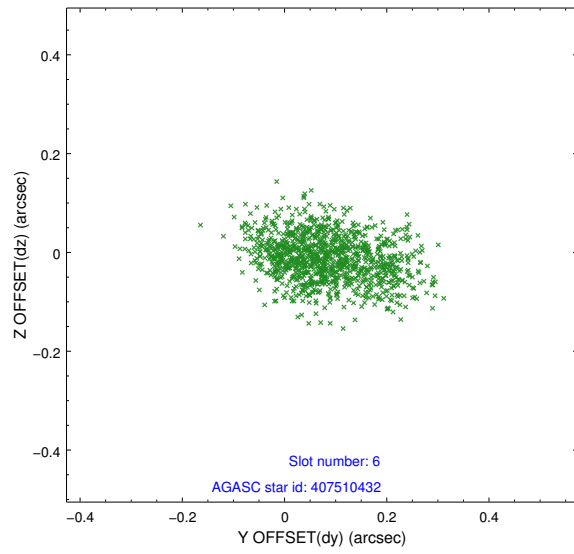
2.4.2 Slot 4



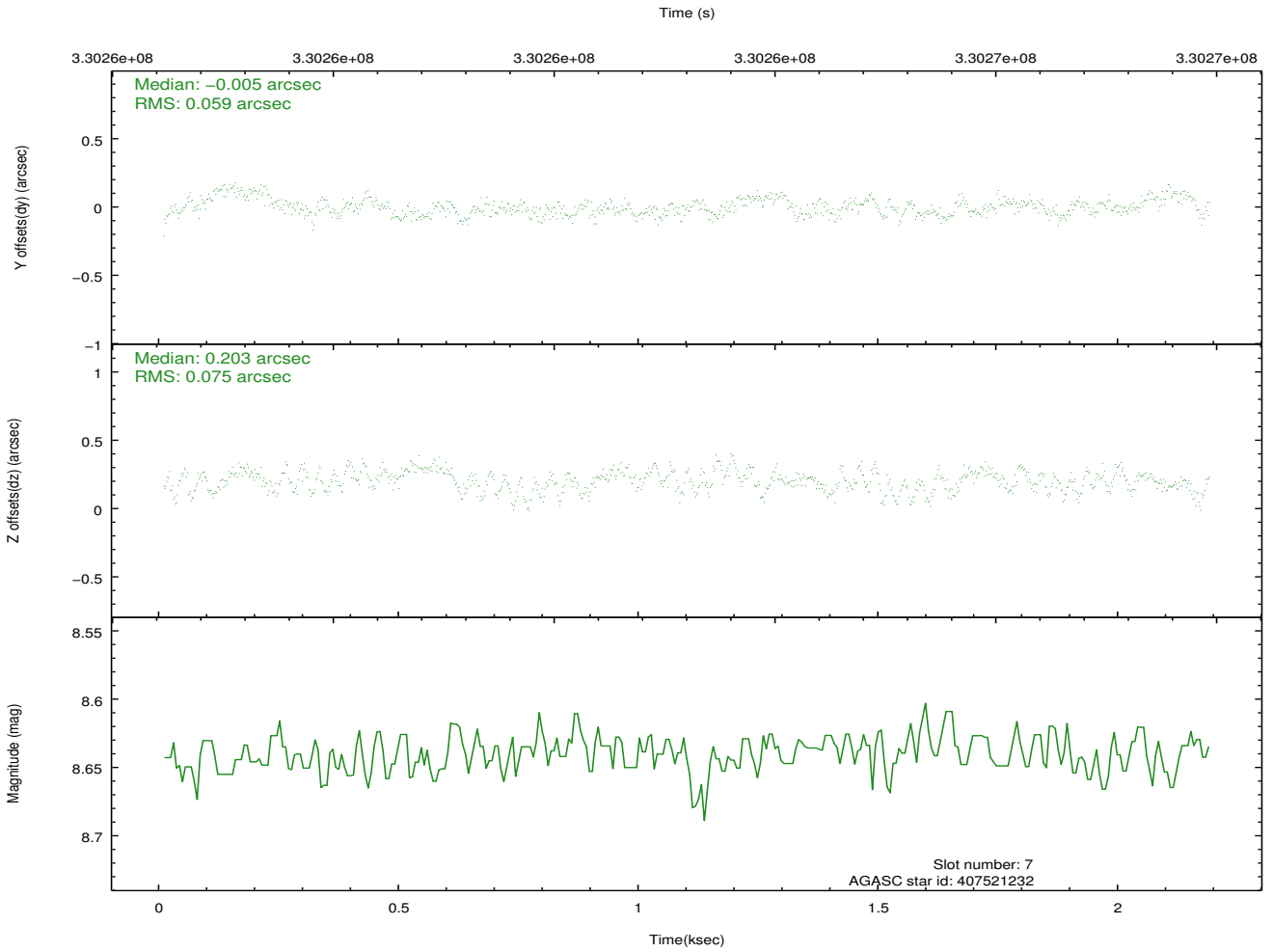
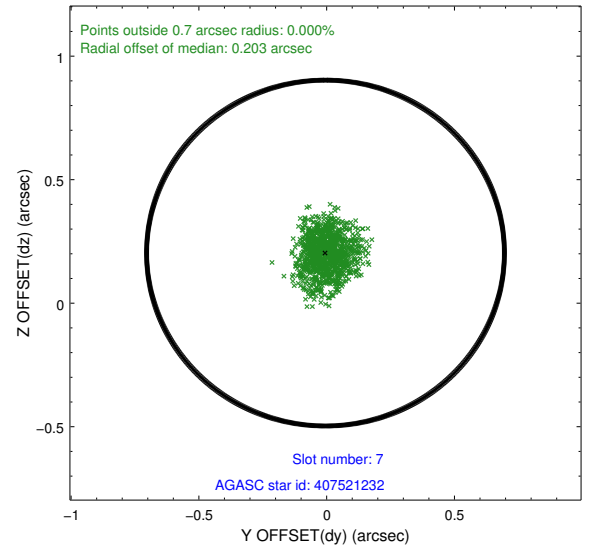
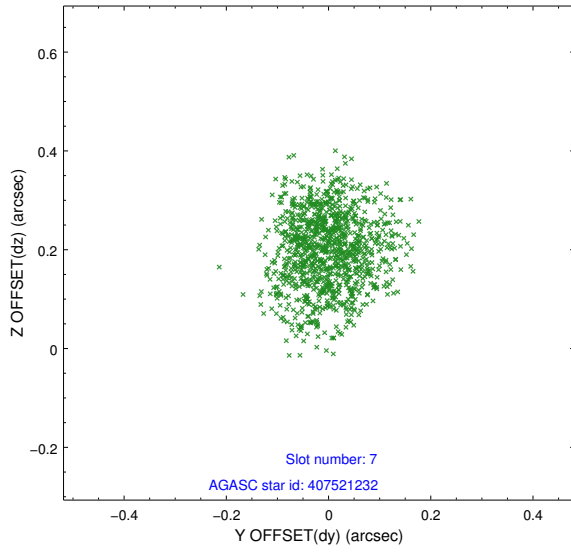
2.4.3 Slot 5



2.4.4 Slot 6

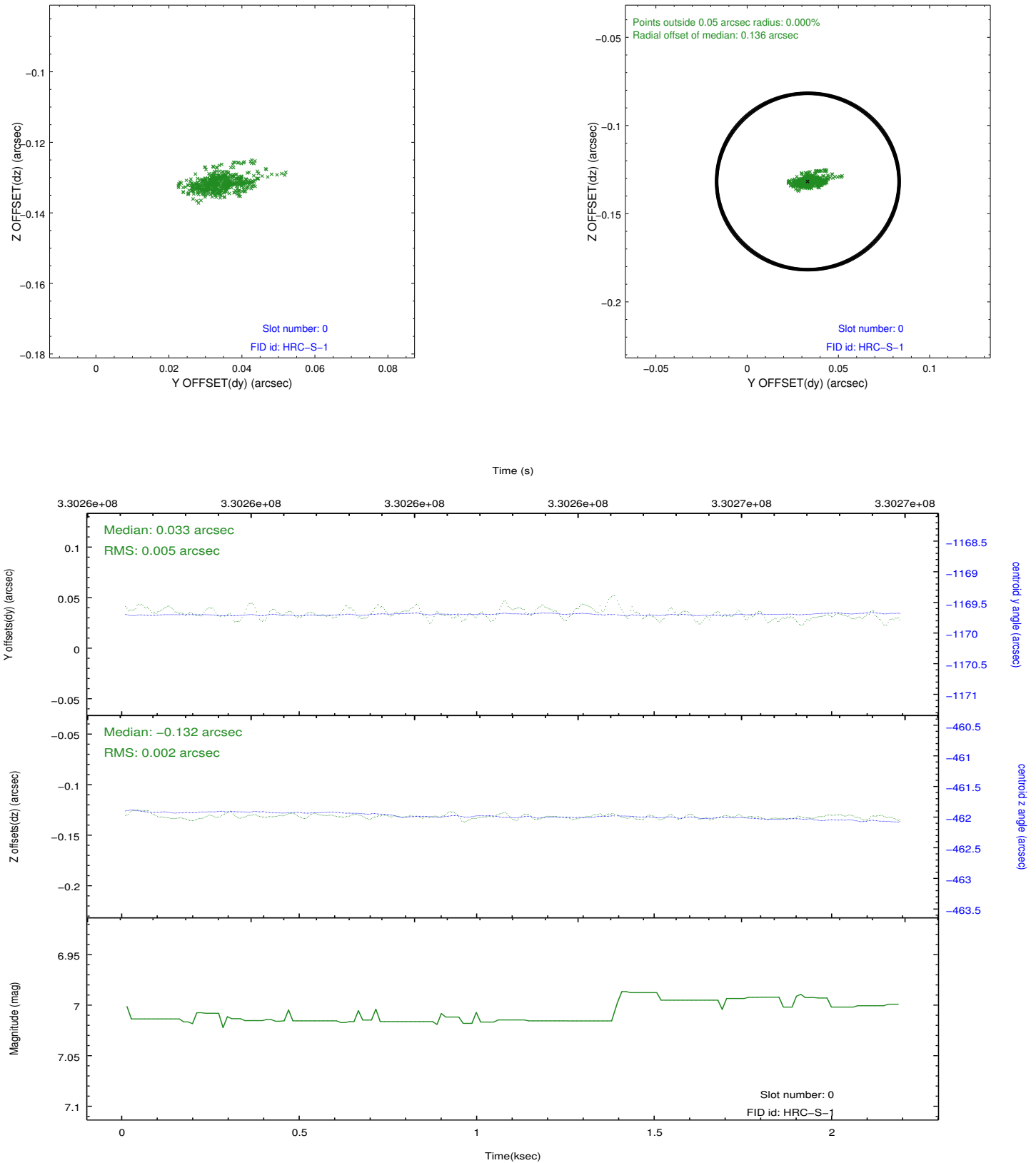


2.4.5 Slot 7

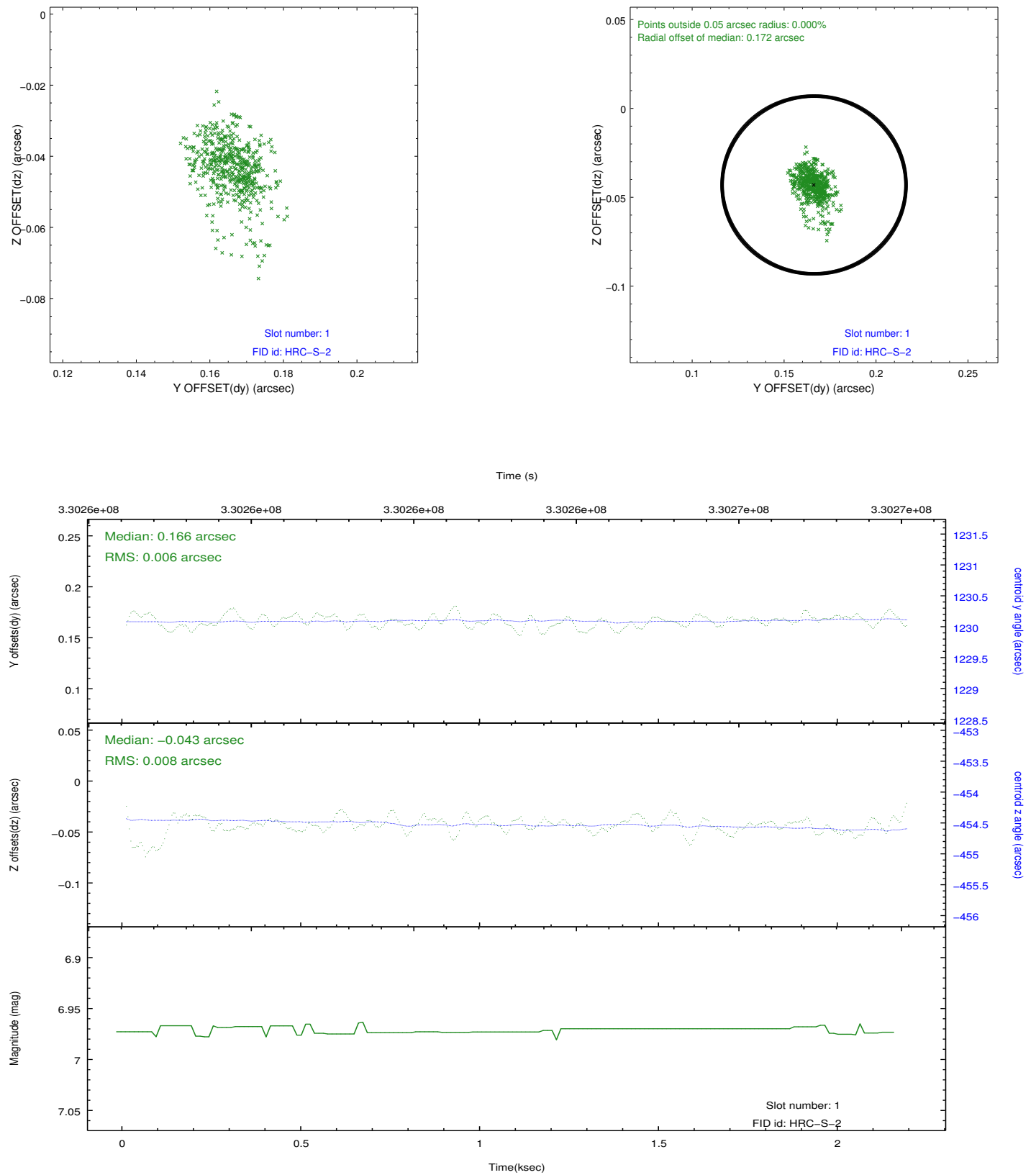


2.5 FID Slots

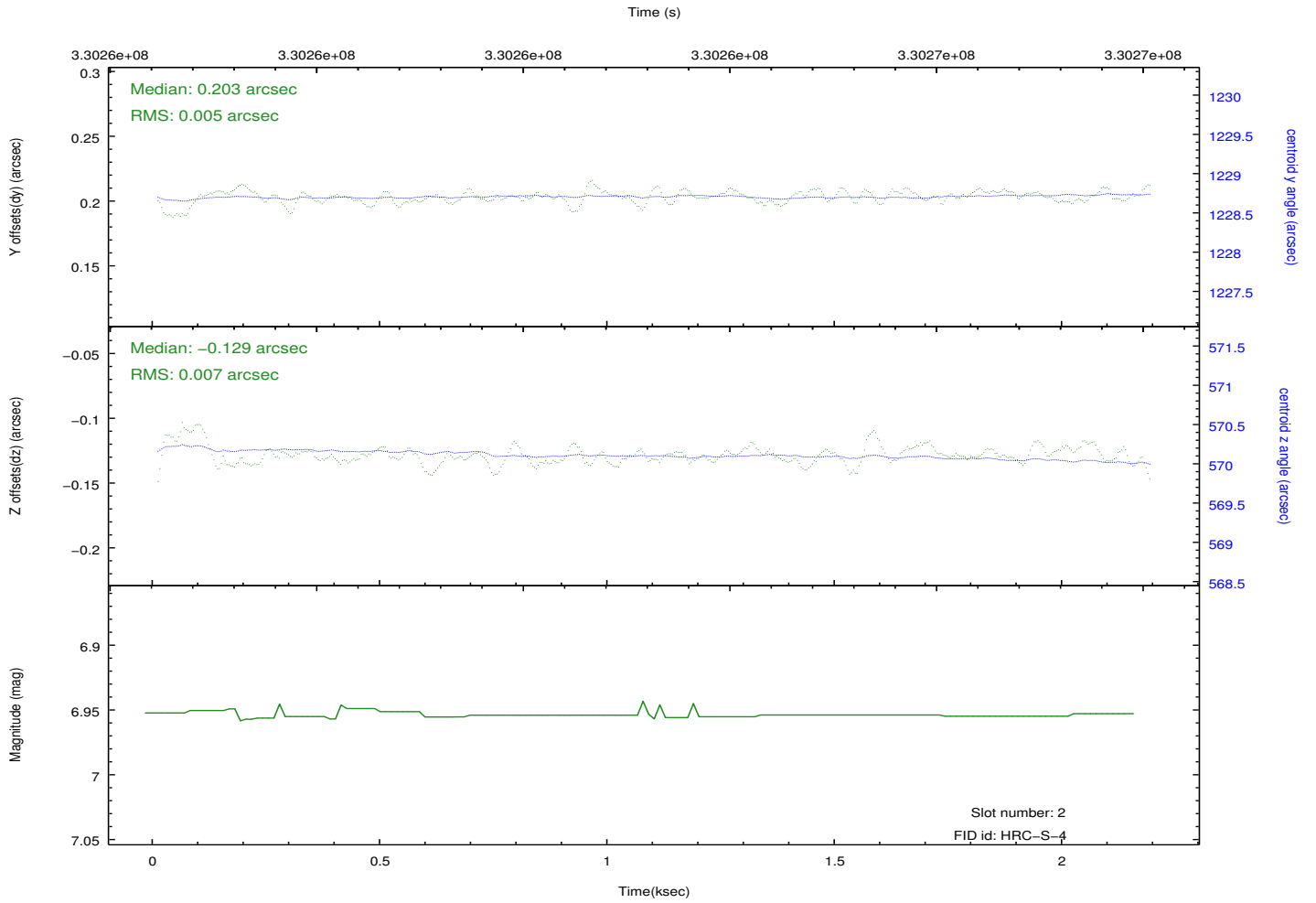
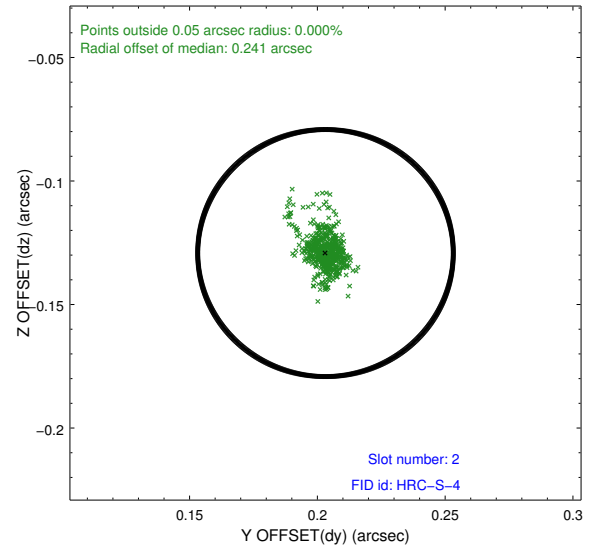
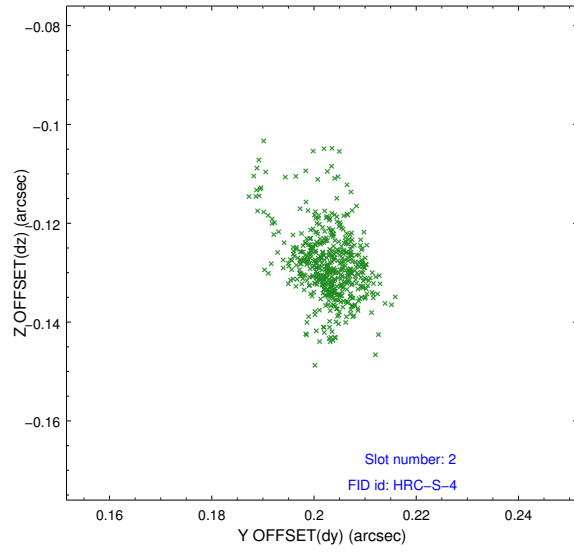
2.5.1 Slot 0



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	2.18248135

A.2 Comments

Window preference met.