

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8286 - L2 Version 4
Chandra X-Ray Center

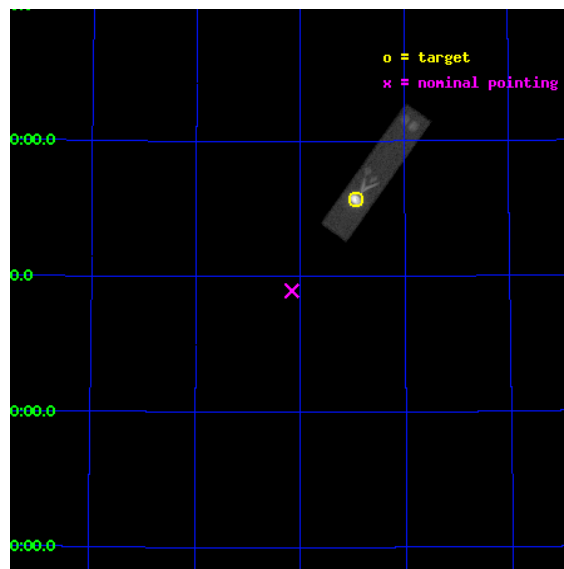
L2 Processing Date : Aug 11 2012

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1 Front

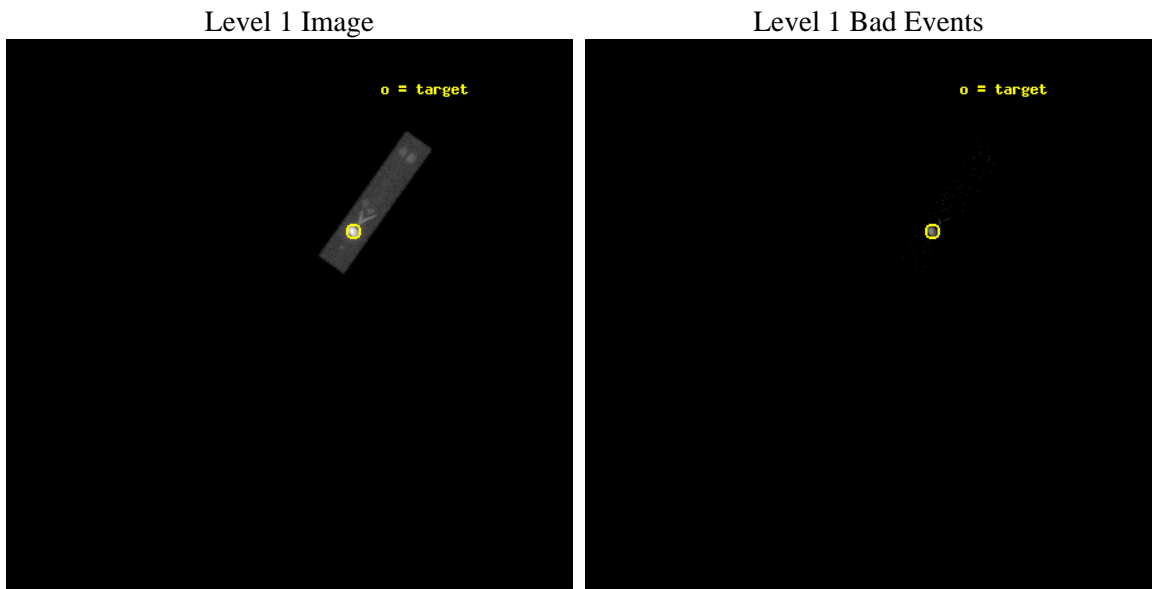
seq_num	290665	Sequence number
obs_id	8286	Observation id
title	AO8 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.54109781613	Nominal RA [deg]
dec_nom	38.448413169869	Nominal Dec [deg]
roll_nom	125.50084930335	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2186.5813543797	[s]
livetime	839.70573680065	Ontime multiplied by DTCOR
l2events	386918	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	2186.5813543797	[s]
caldbver	4.5.1.1	 	l1events	437782	Number of level 1 events
date	2012-08-11T21:17:28	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

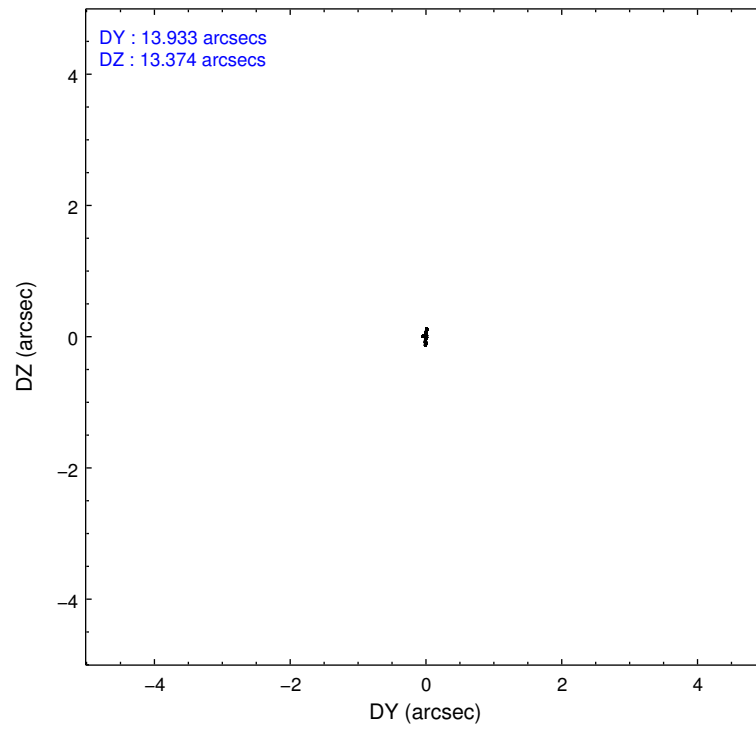
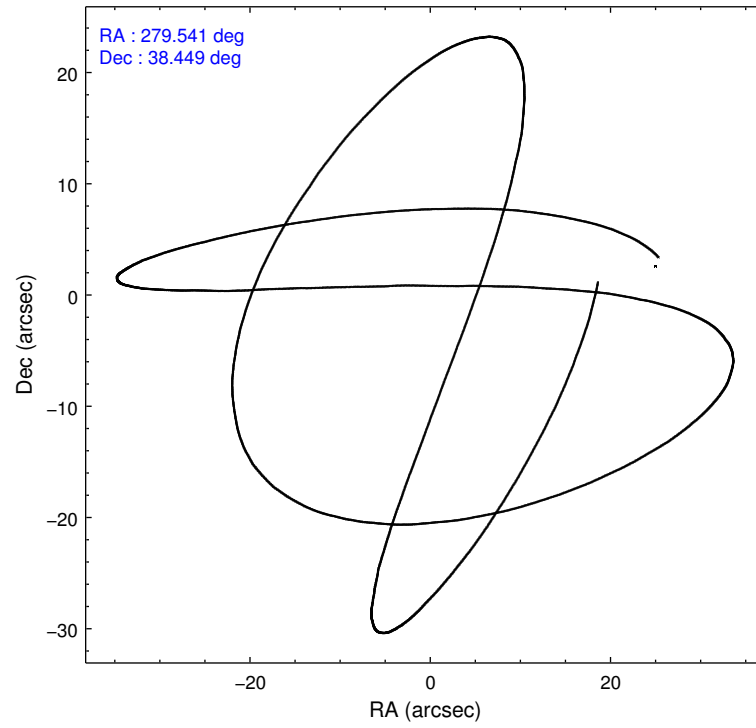
	segment 1	segment 2	segment 3
level 1 events	0	24	437758
rejected events	0	1	34695
rejected %	0%	4%	7%

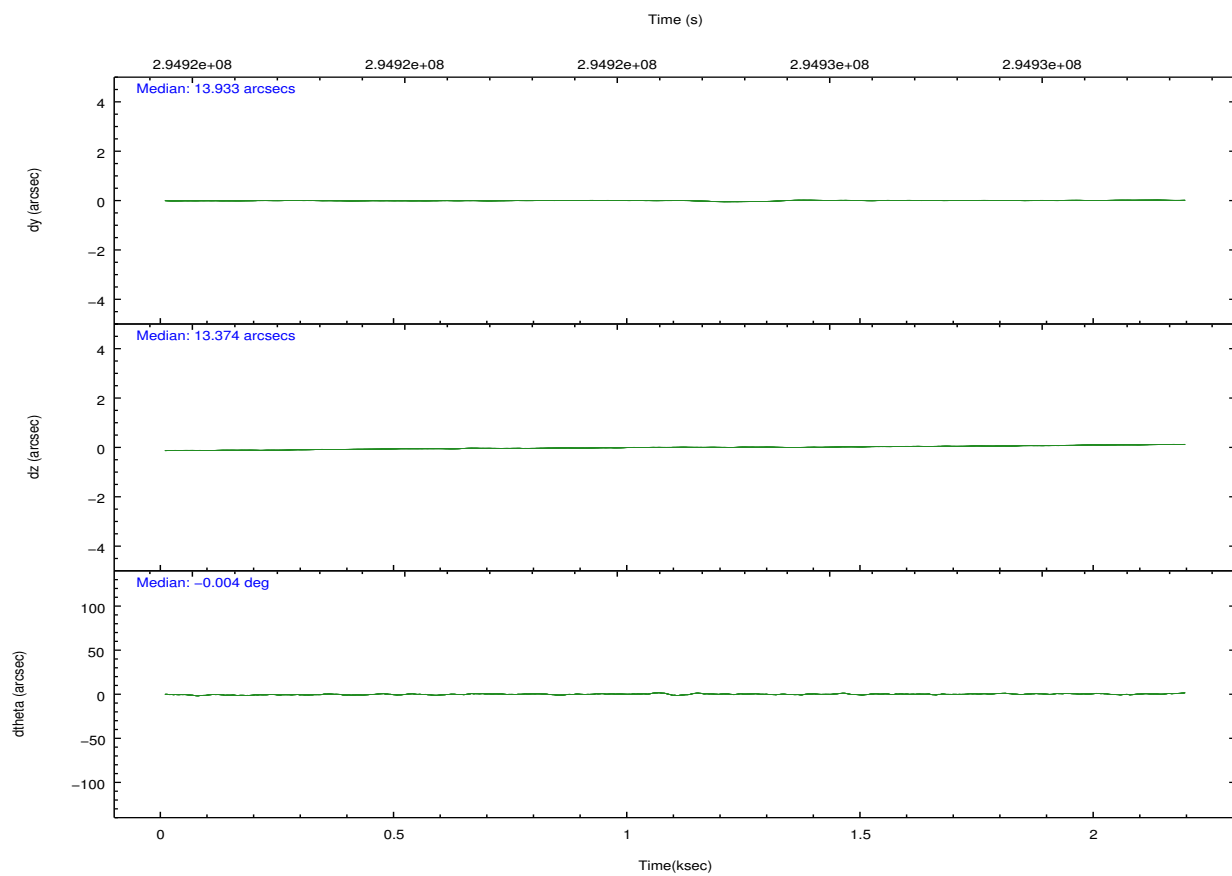
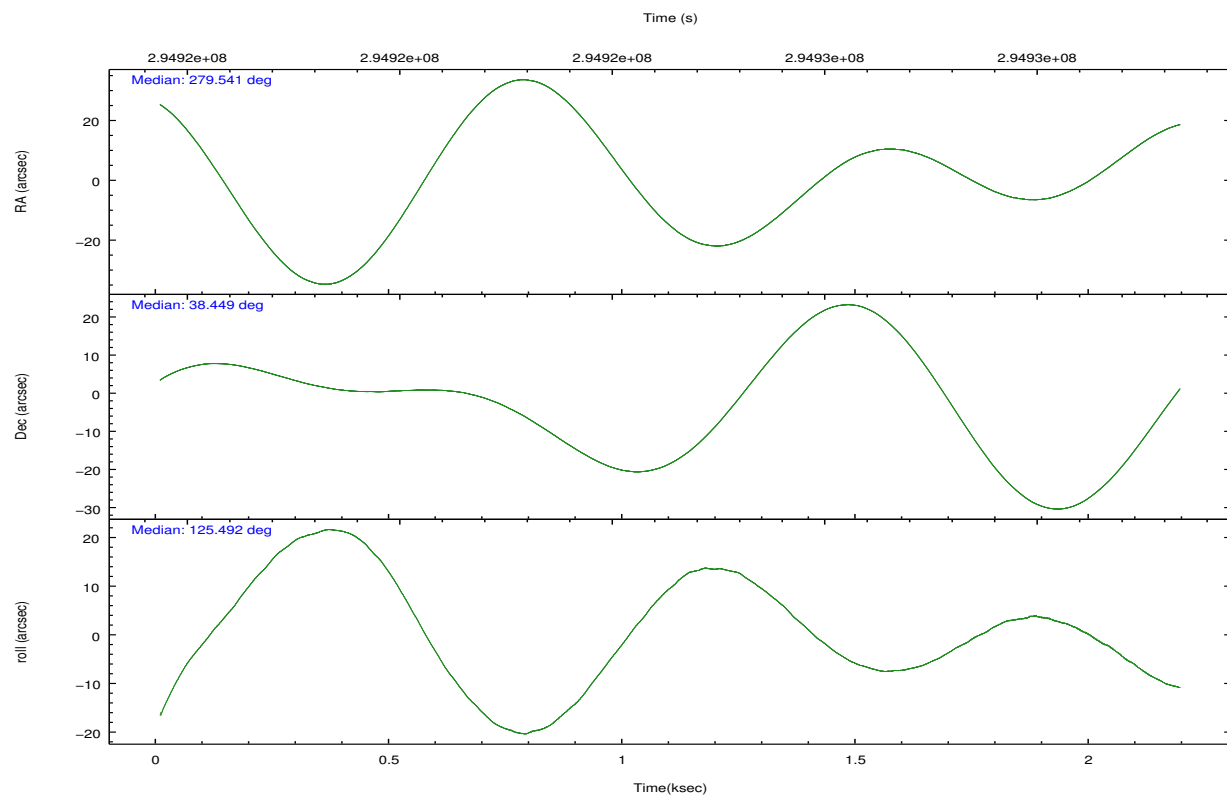
2.2 Compared Parameters

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	279.575485	279.5410978161337
[deg] Pointing Dec	38.438001	38.44841316986869
[deg] Pointing Roll	125.412137	125.5008493033526
[s] Window start time (MET)	289094465.184000	289094465.184000
[s] Window stop time (MET)	296956865.184000	296956865.184000
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	294924228.184000	294923852.38712
Observation start date	2007-05-07T11:22:43	2007-05-07T11:17:32
[s] Observation end time (MET)	294926228.184000	294926399.51224
Observation end date	2007-05-07T11:56:03	2007-05-07T11:59:59

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

2.3 Aspect



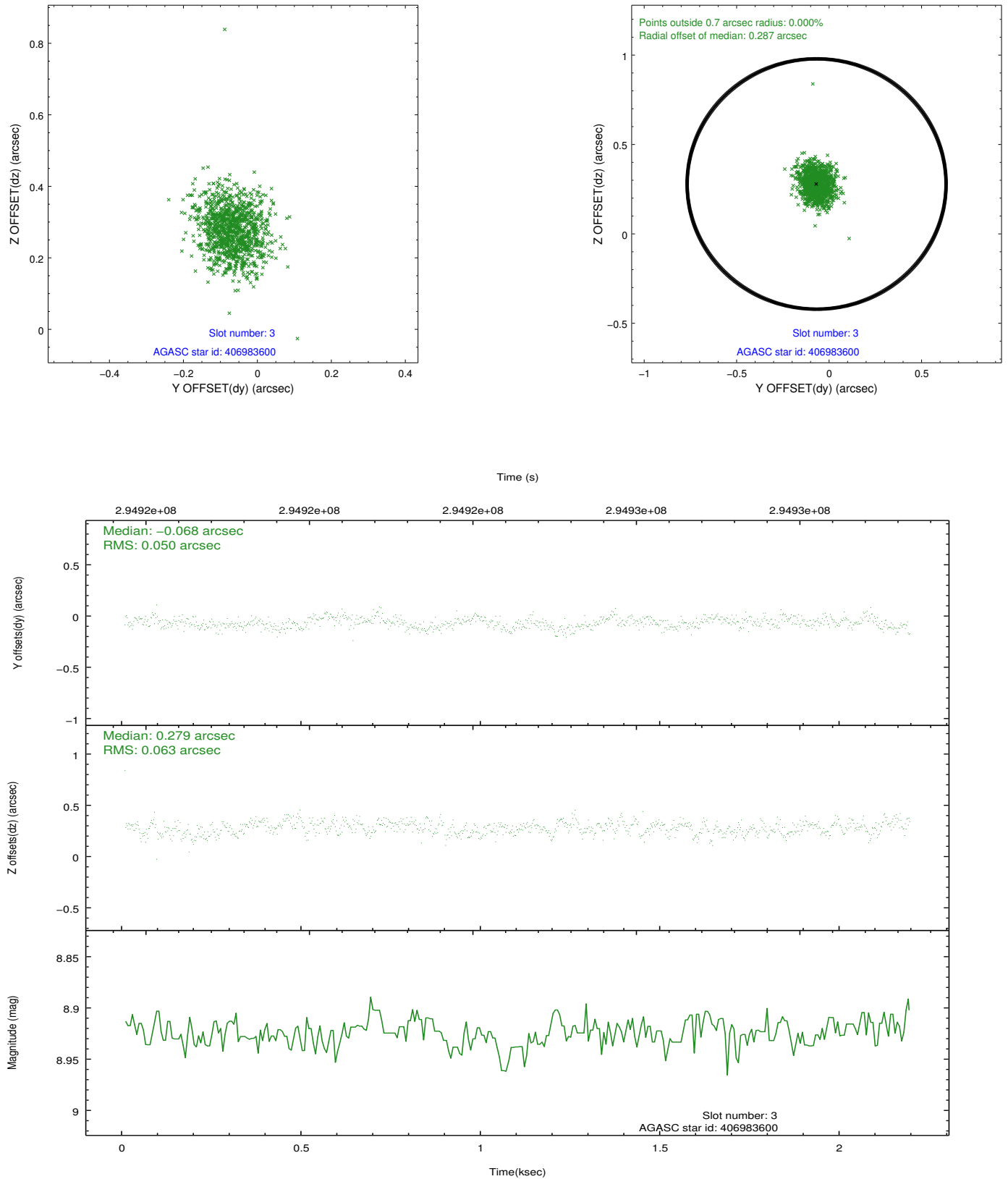


Slot Statistics

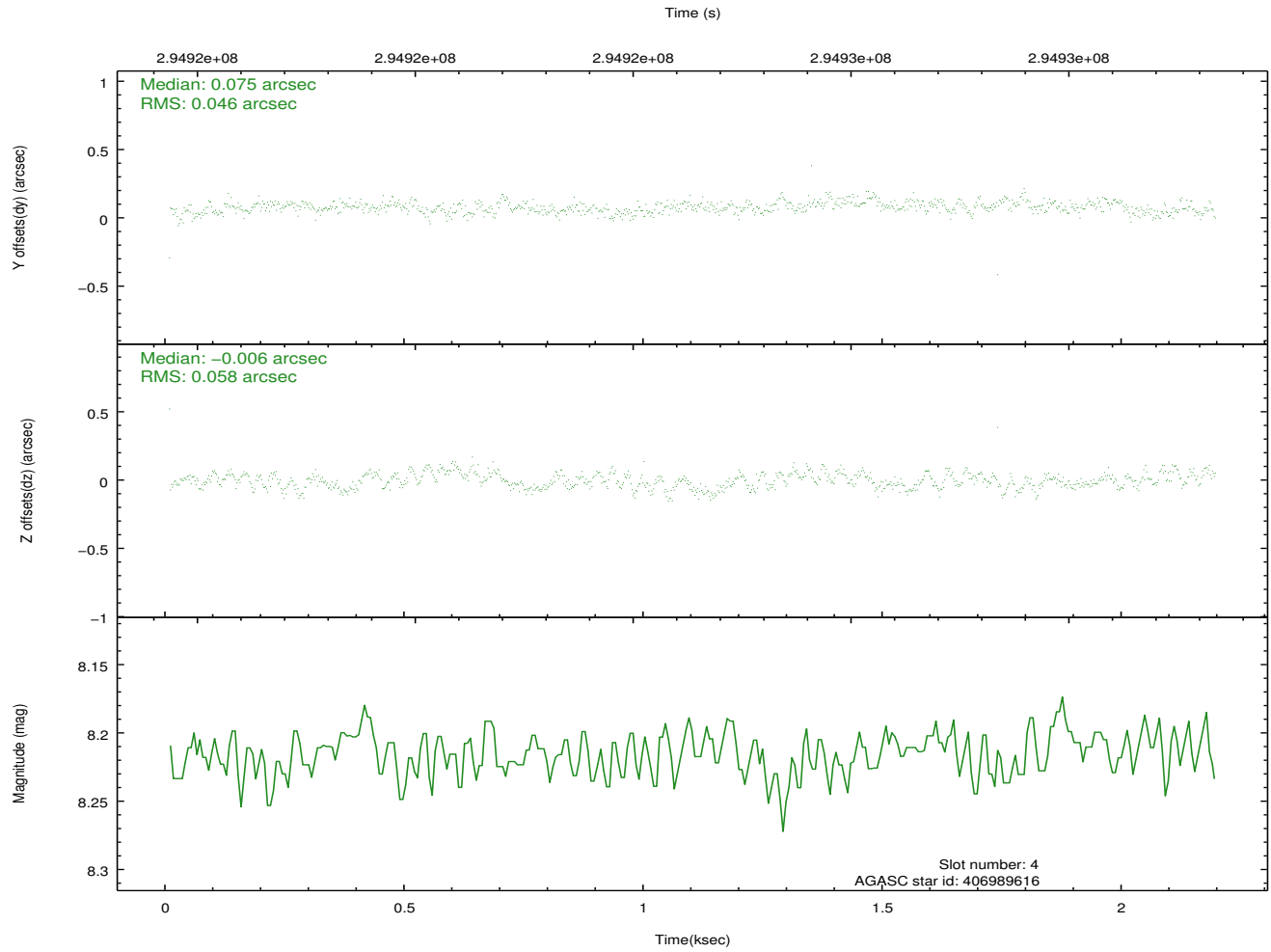
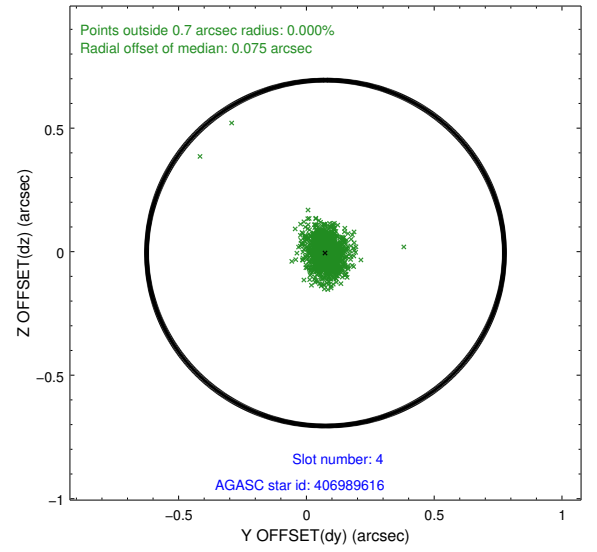
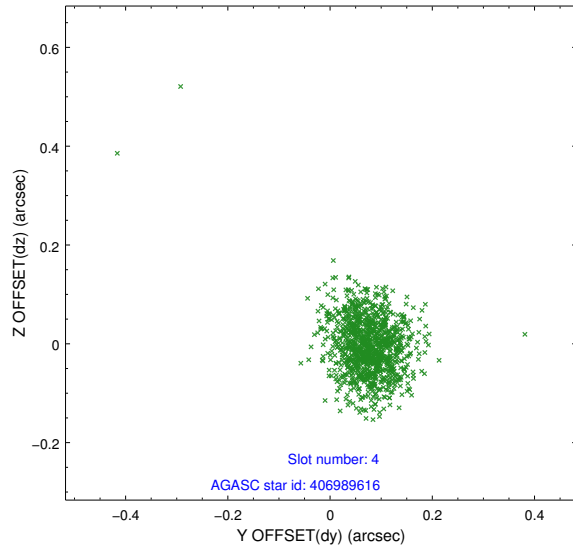
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	534	0.095	-0.159	0.008	0.012	0.000000	0.000000	-1168.28	-462.13
1	FID	HRC-S-2	6.96	534	0.169	-0.102	0.005	0.009	0.000000	0.000000	1229.27	-455.55
2	FID	HRC-S-3	6.98	534	0.126	-0.041	0.007	0.011	0.000000	0.000000	-1168.68	566.66
3	GUIDE	406983600	8.92	1066	-0.068	0.279	0.083	0.135	279.940957	39.020708	1118.51	-2050.55
4	GUIDE	406989616	8.22	1067	0.075	-0.006	0.073	0.119	279.202881	38.520843	854.06	678.51
5	GUIDE	406992968	7.64	1067	0.085	0.027	0.066	0.106	279.925490	37.993090	-1877.84	117.04
6	GUIDE	406993992	7.63	1067	0.020	-0.120	0.066	0.107	279.053714	38.034587	-325.16	2043.69
7	GUIDE	406987272	6.94	1066	-0.116	-0.187	0.067	0.103	278.536588	38.437504	1709.34	2379.99

2.4 Star Slots

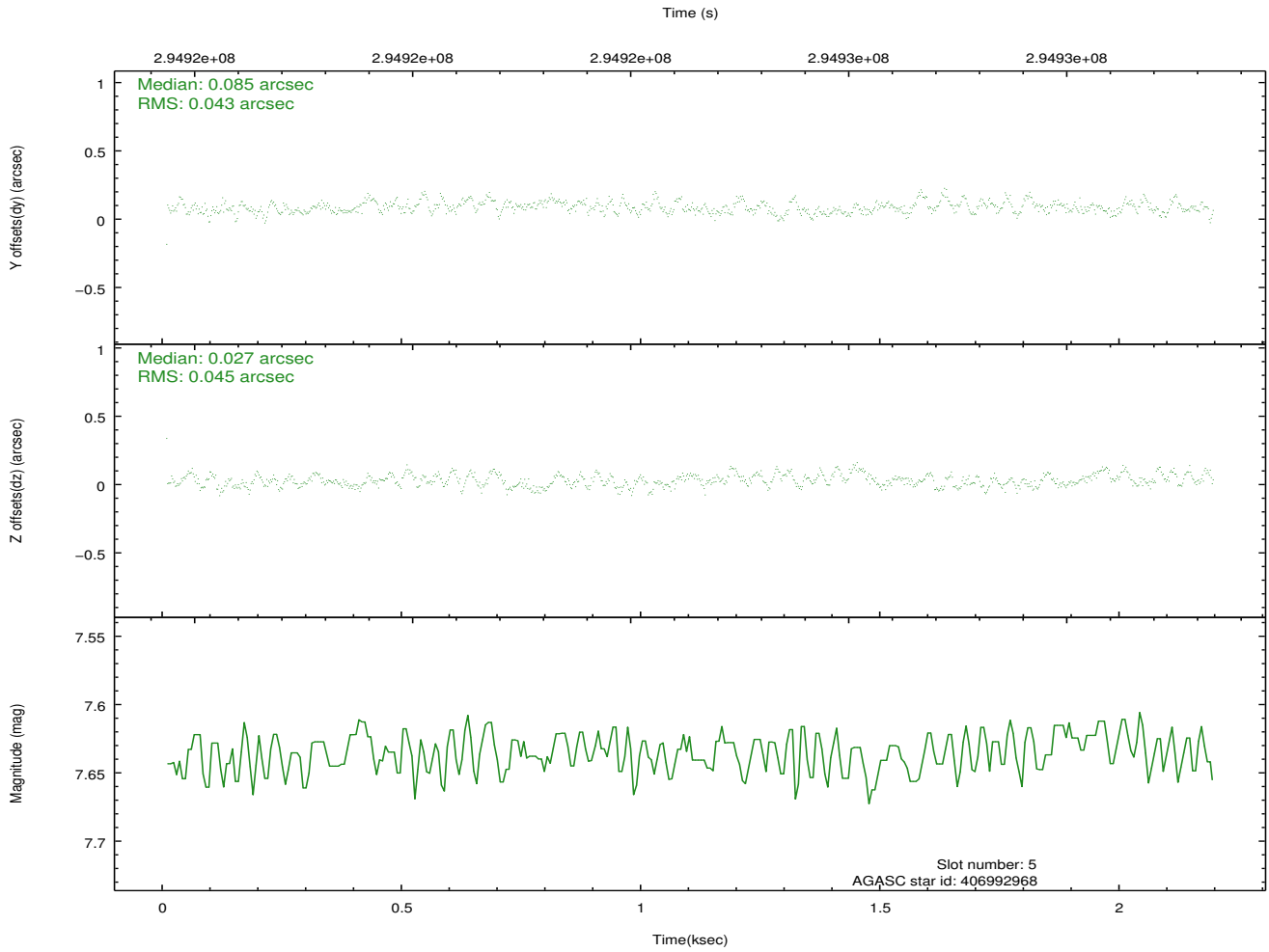
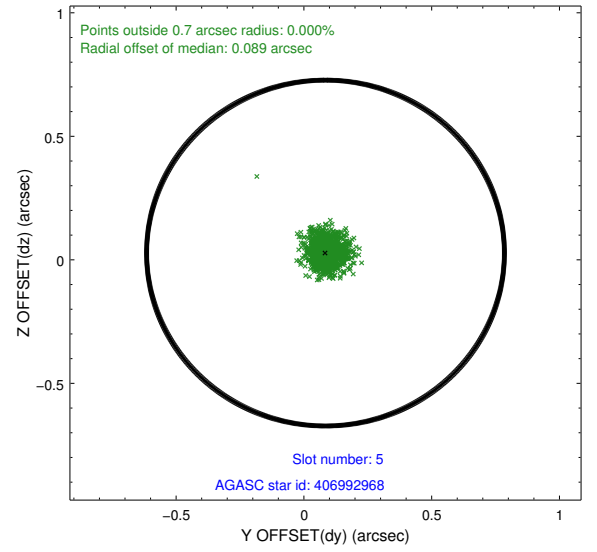
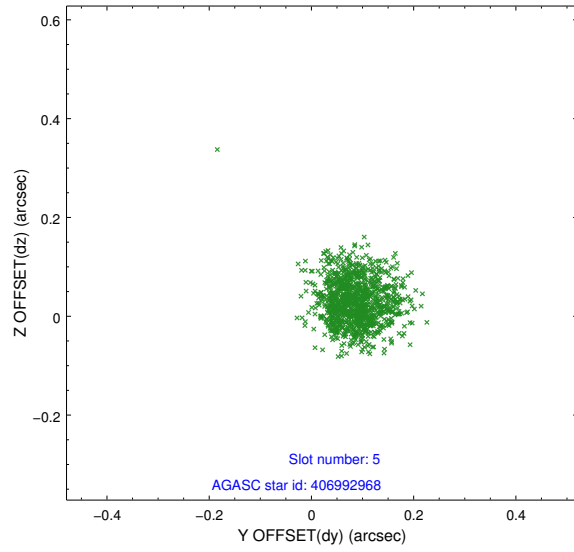
2.4.1 Slot 3



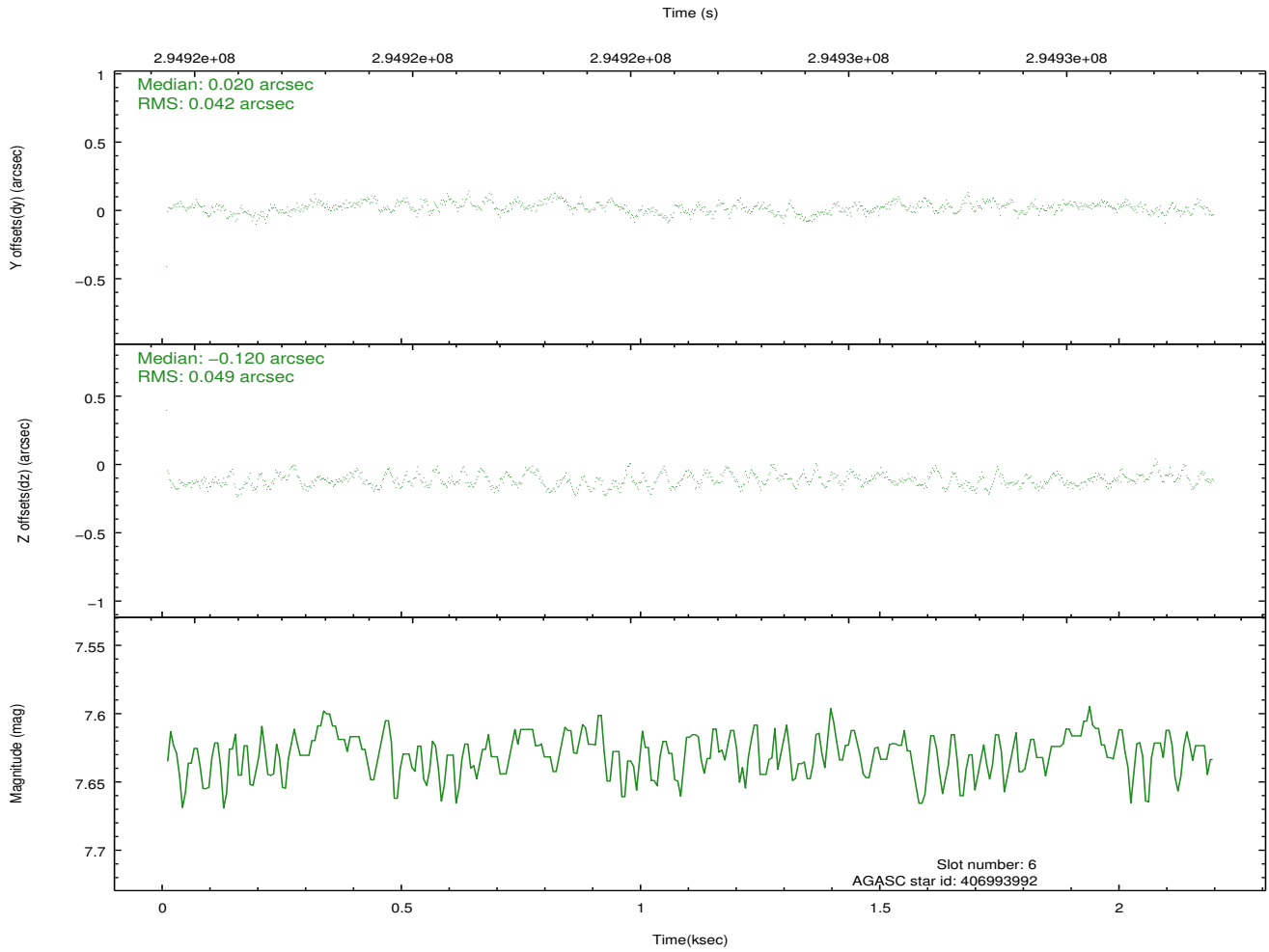
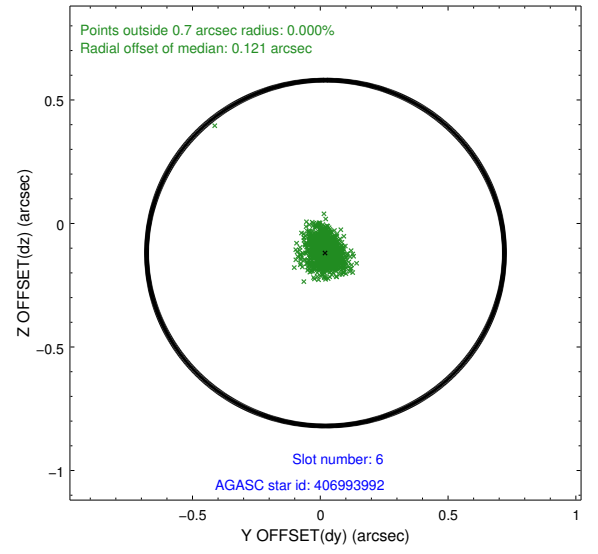
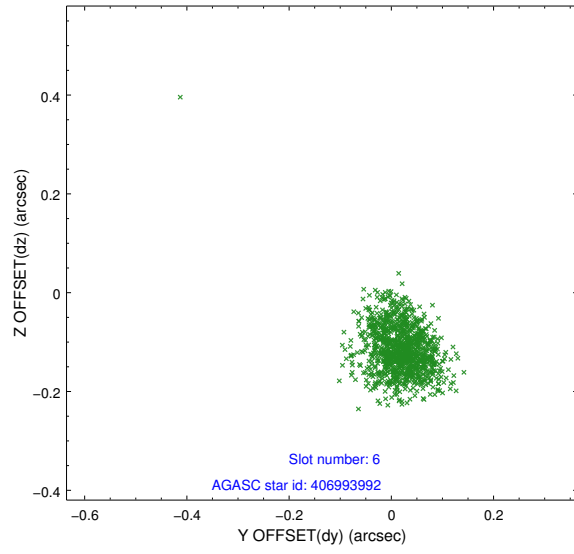
2.4.2 Slot 4



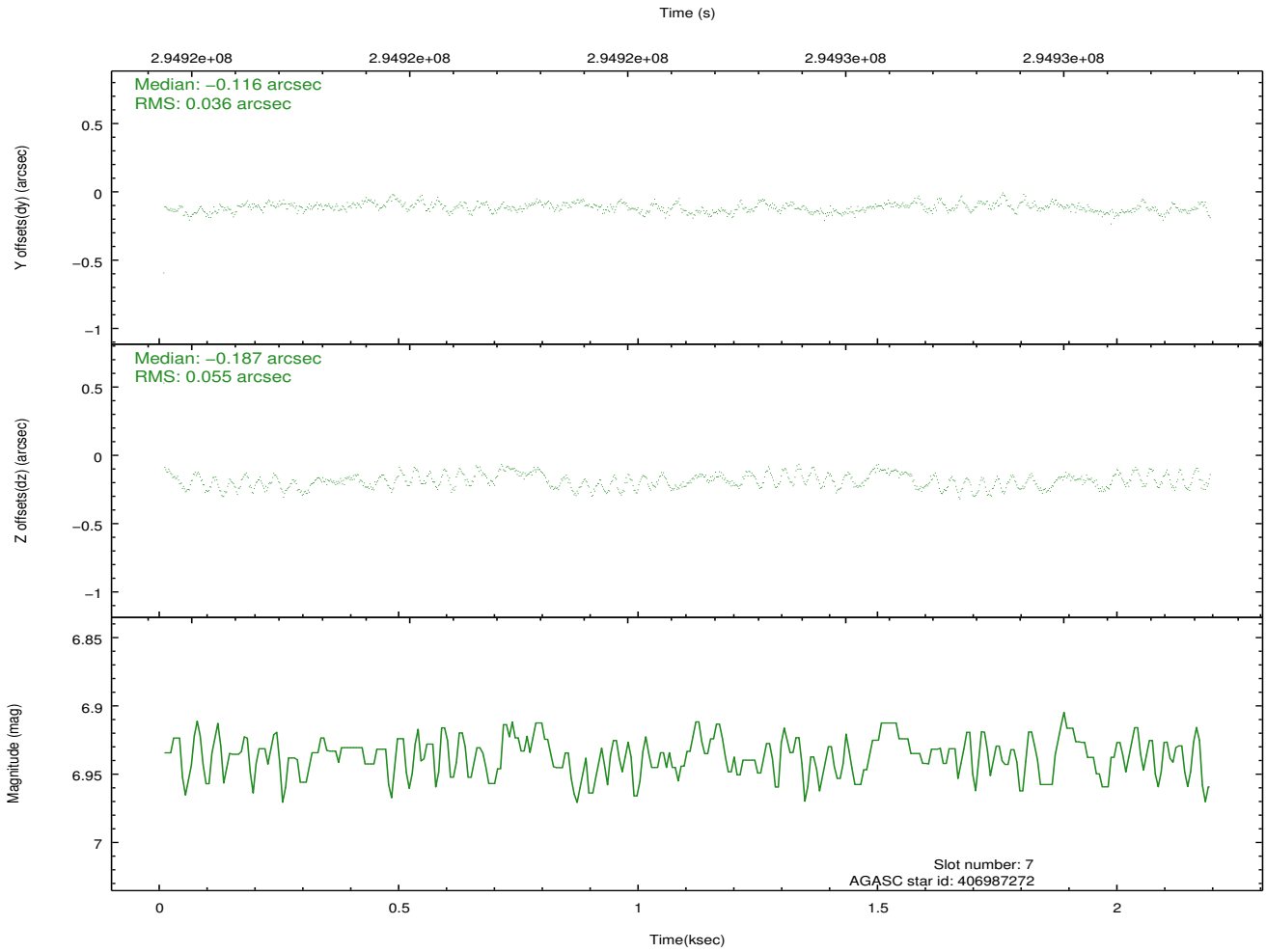
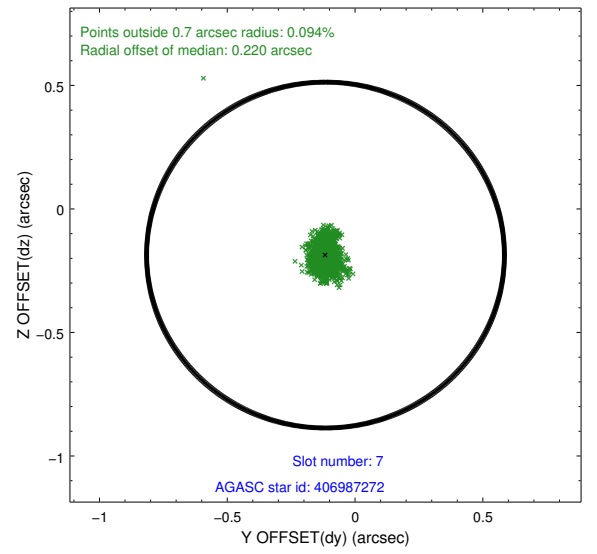
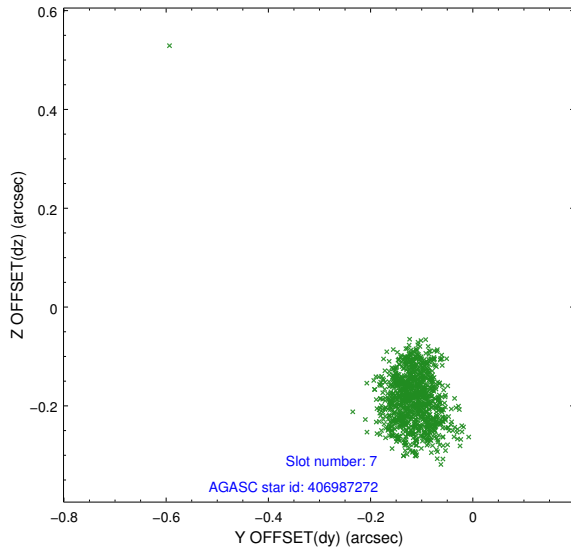
2.4.3 Slot 5



2.4.4 Slot 6

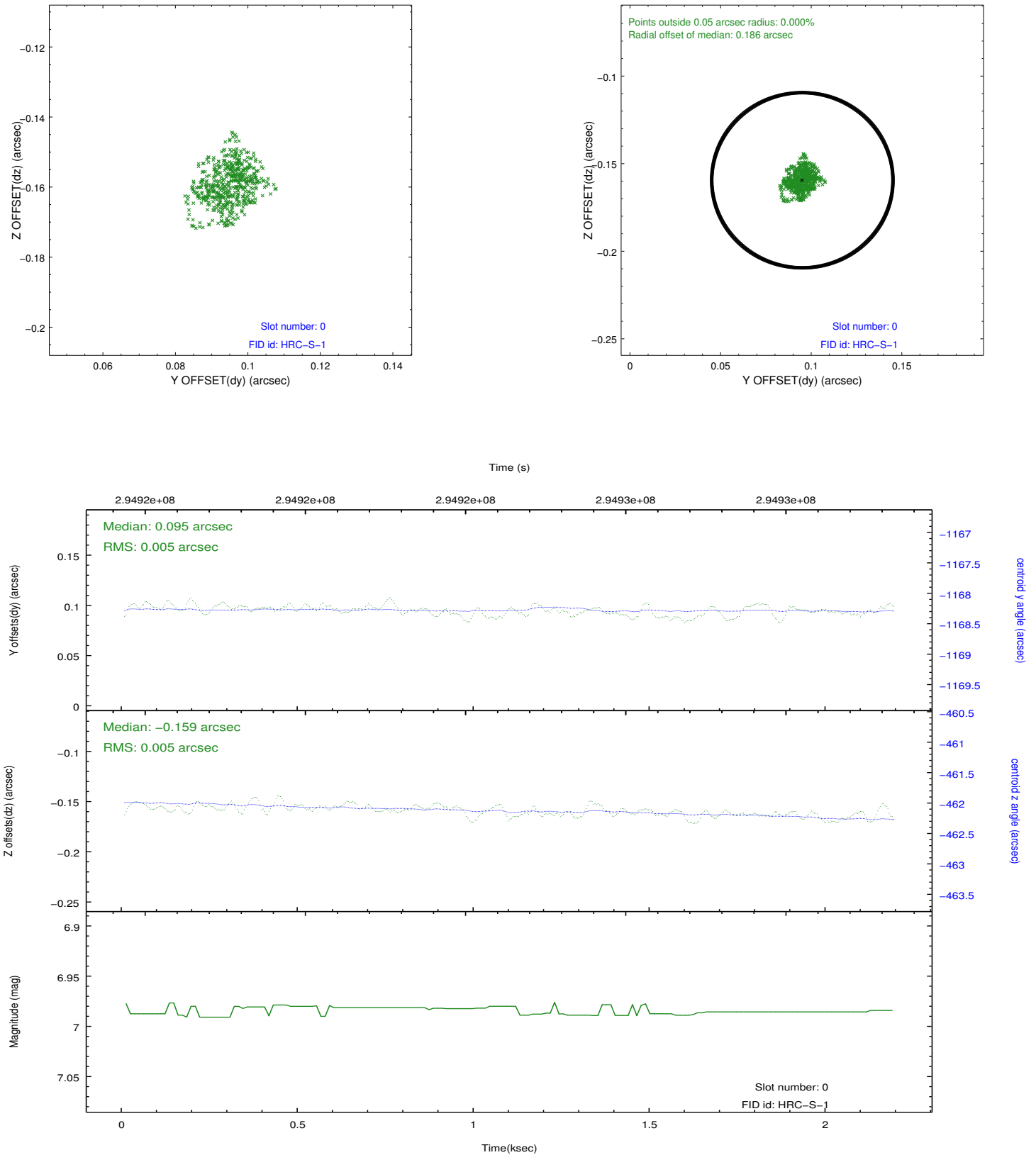


2.4.5 Slot 7

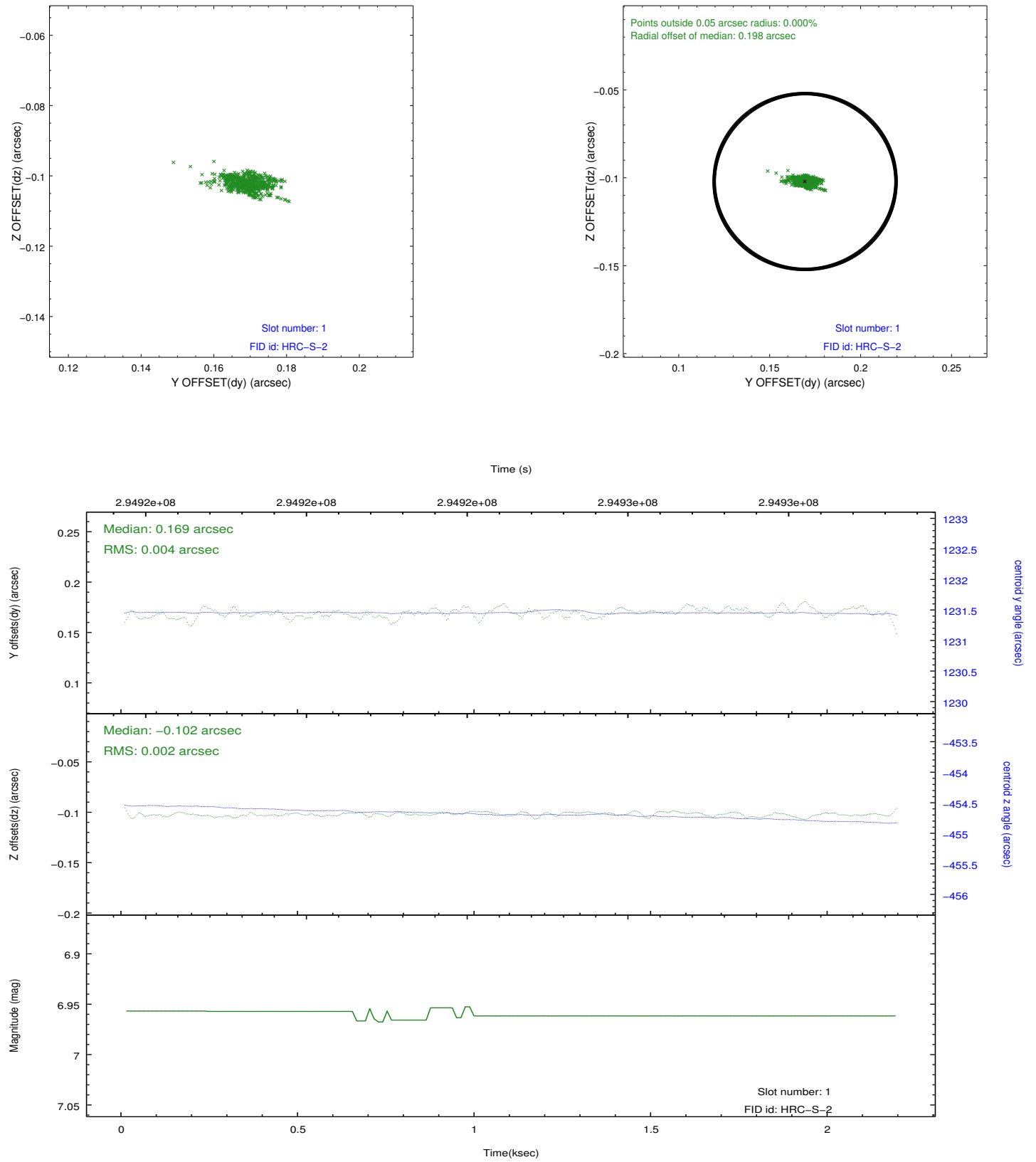


2.5 FID Slots

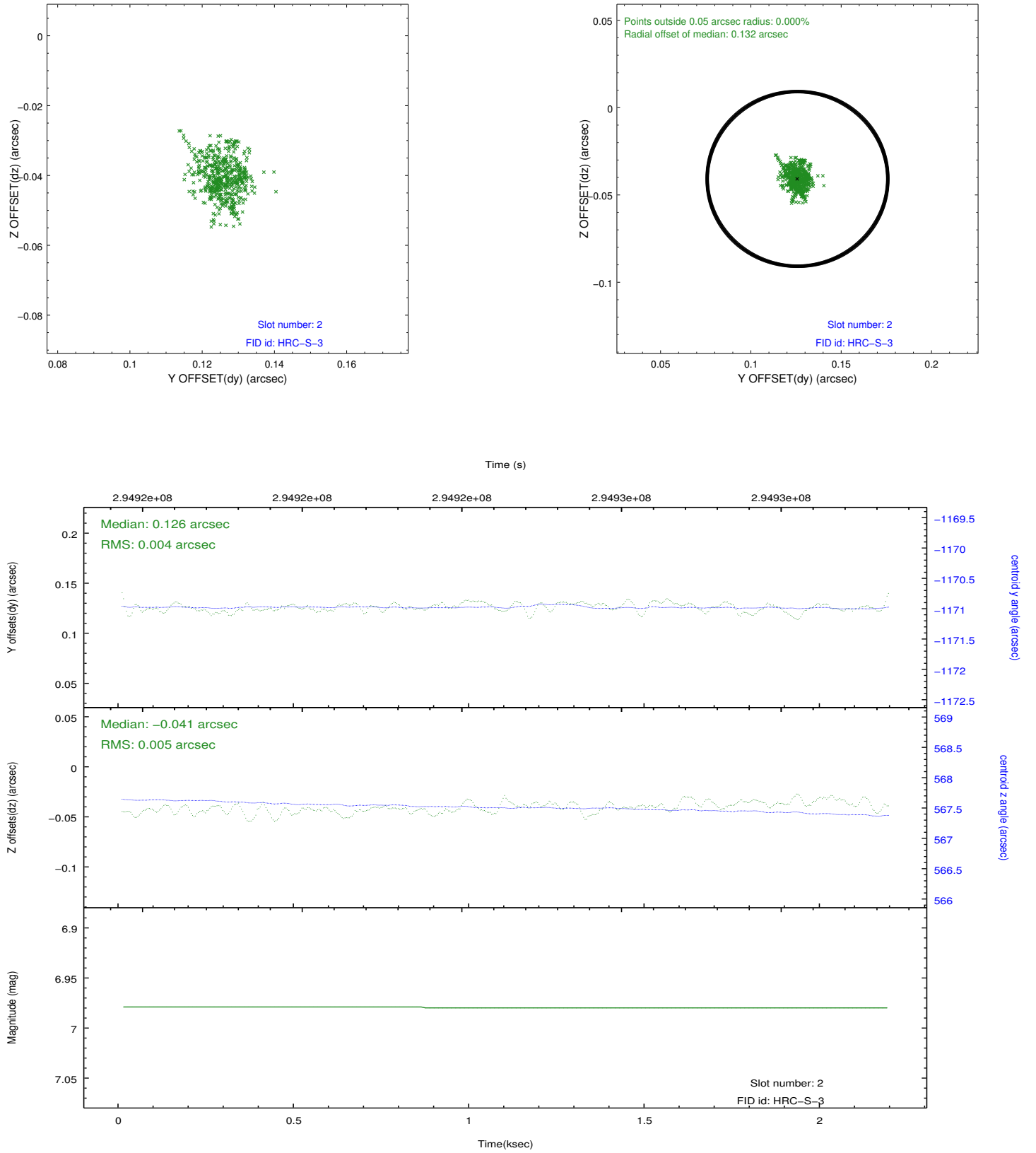
2.5.1 Slot 0



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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.18658135

A.2 Comments

Window preference met.