

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13032 - L2 Version 4
Chandra X-Ray Center

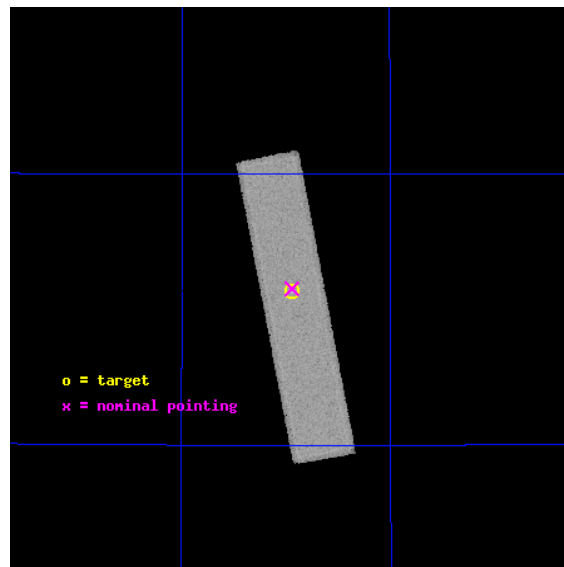
L2 Processing Date : Aug 9 2012

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1 Front

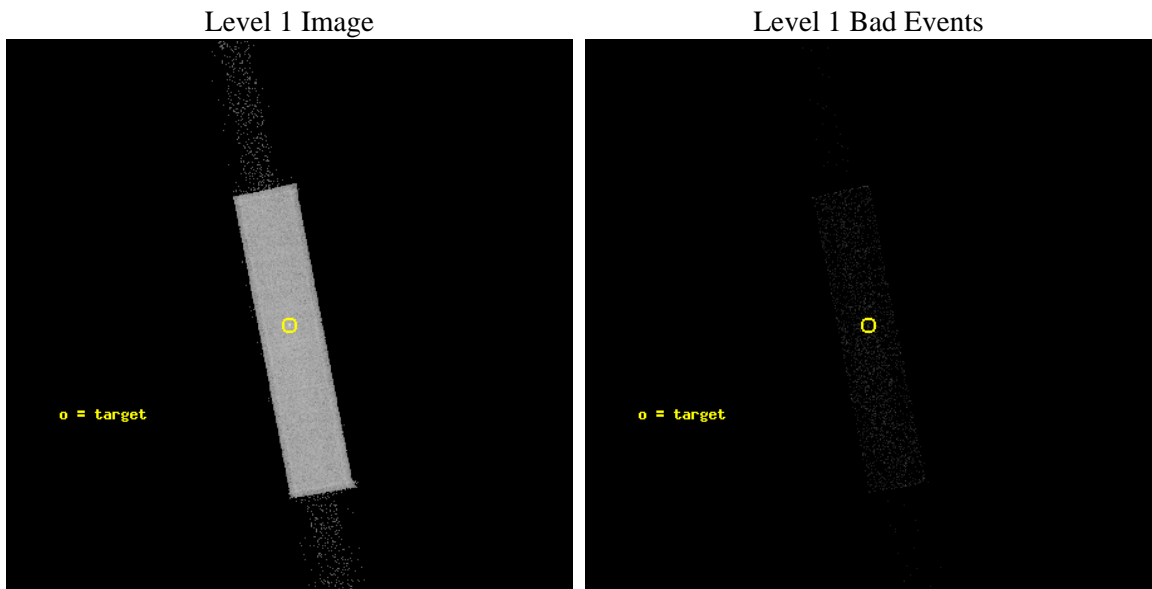
seq_num	290951	Sequence number
obs_id	13032	Observation id
title	AO-12 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.2360452562	Nominal RA [deg]
dec_nom	38.788513775596	Nominal Dec [deg]
roll_nom	79.045858100951	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2157.8813617826	[s]
liveltime	2142.0747431692	Ontime multiplied by DTCOR
l2events	111834	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	2157.8813617826	[s]
caldbver	4.5.1.1	 	l1events	145114	Number of level 1 events
date	2012-08-09T16:57:02	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

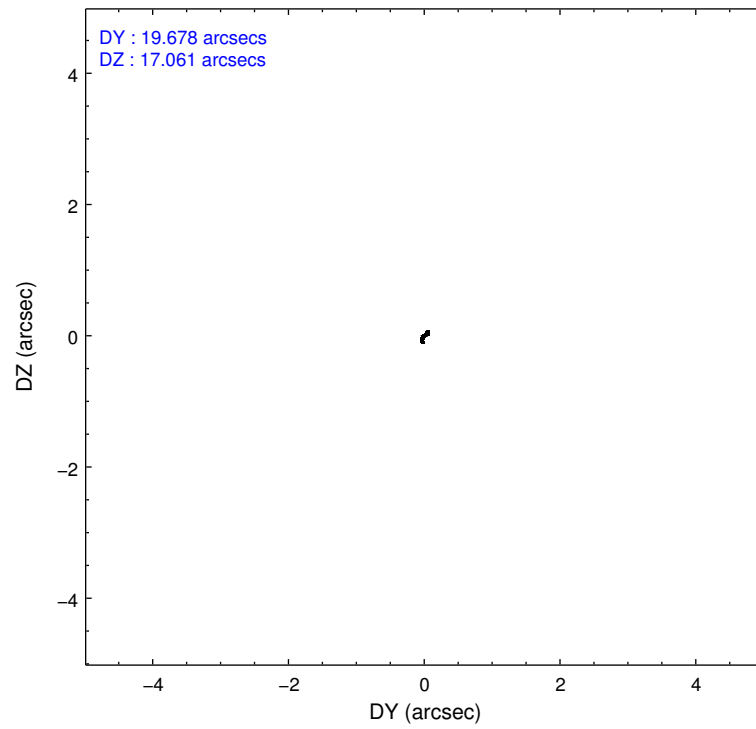
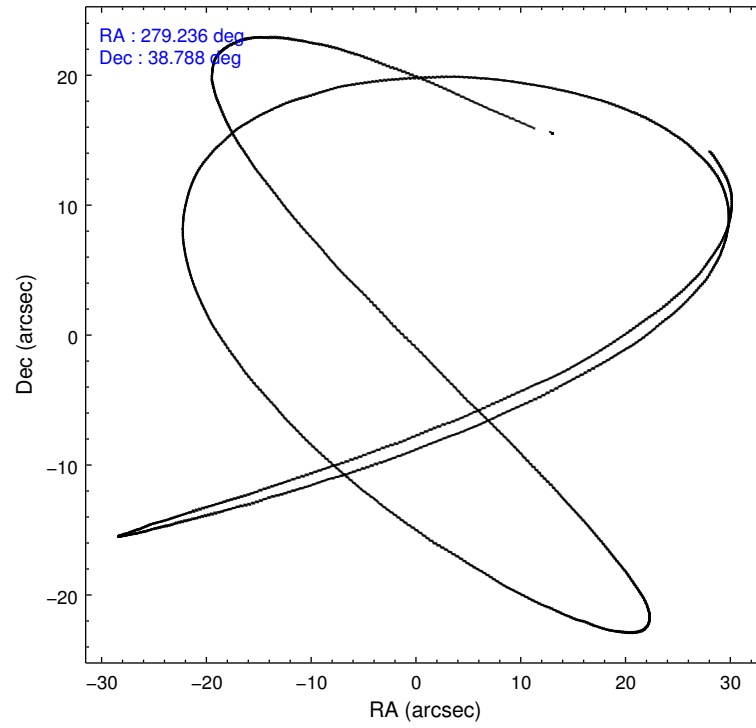
	segment 1	segment 2	segment 3
level 1 events	895	143331	888
rejected events	895	9516	888
rejected %	100%	6%	100%

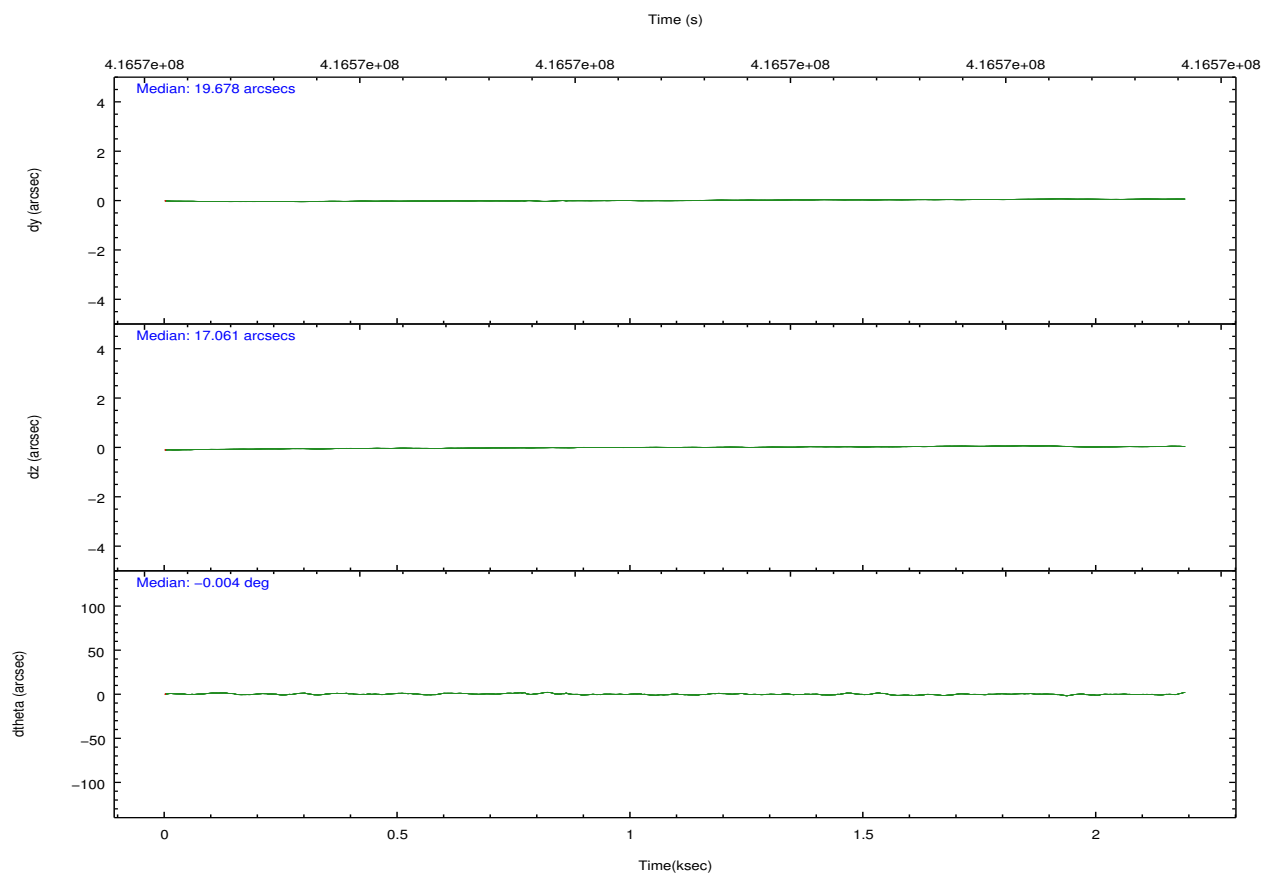
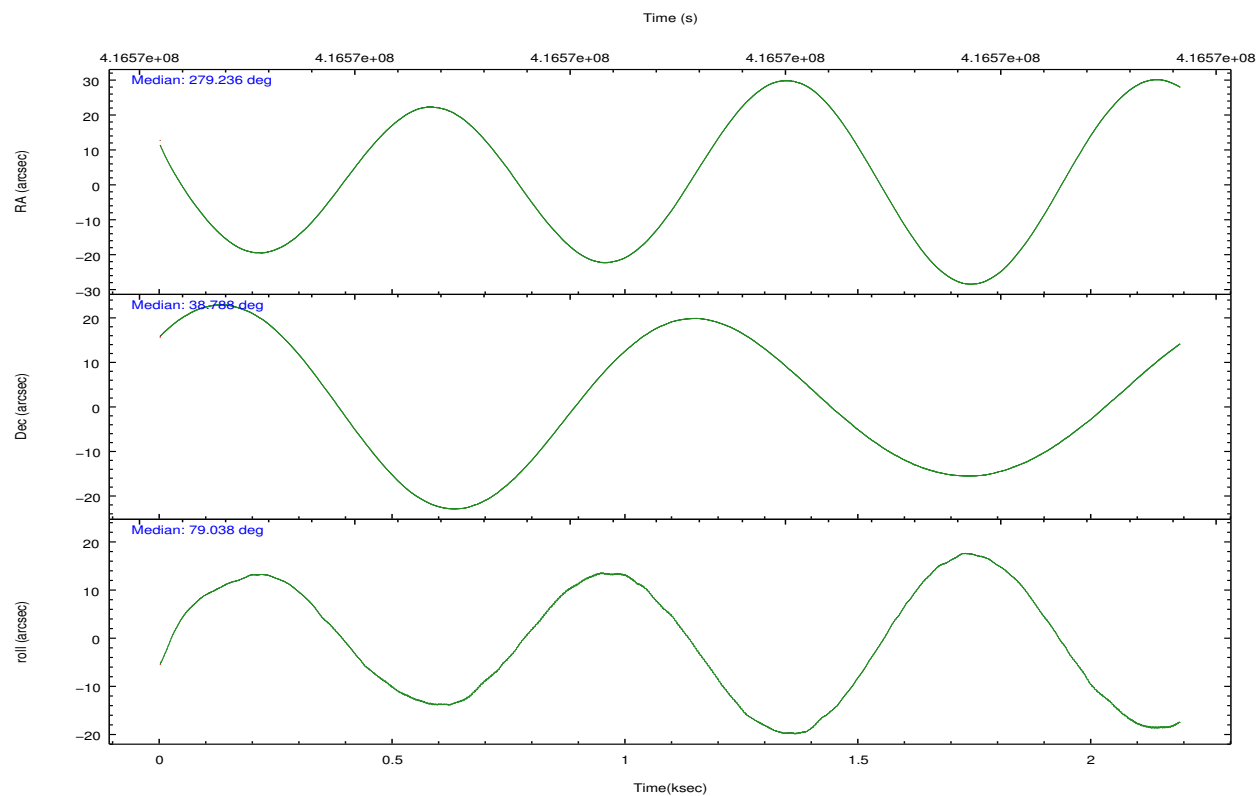
2.2 Compared Parameters

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	279.249983	279.2360452561996
[deg] Pointing Dec	38.761809	38.78851377559584
[deg] Pointing Roll	78.969803	79.04585810095136
[s] Window start time (MET)	415324866.184000	415324866.184000
[s] Window stop time (MET)	423187266.184000	423187266.184000
[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)	416566336.184000	416565957.17554
Observation start date	2011-03-15T08:51:10	2011-03-15T08:45:57
[s] Observation end time (MET)	416568336.184000	416568469.96317
Observation end date	2011-03-15T09:24:30	2011-03-15T09:27:49

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

2.3 Aspect



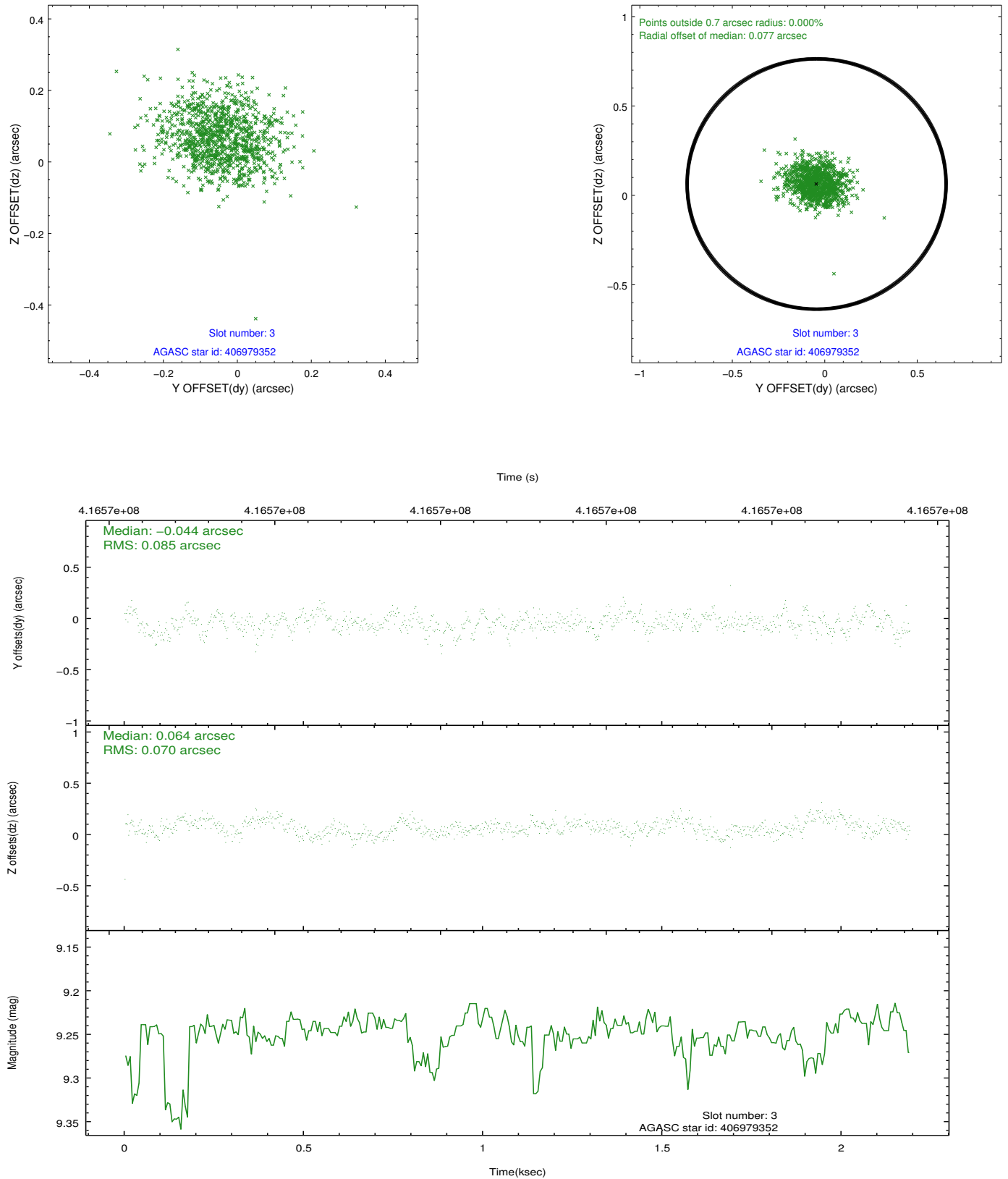


Slot Statistics

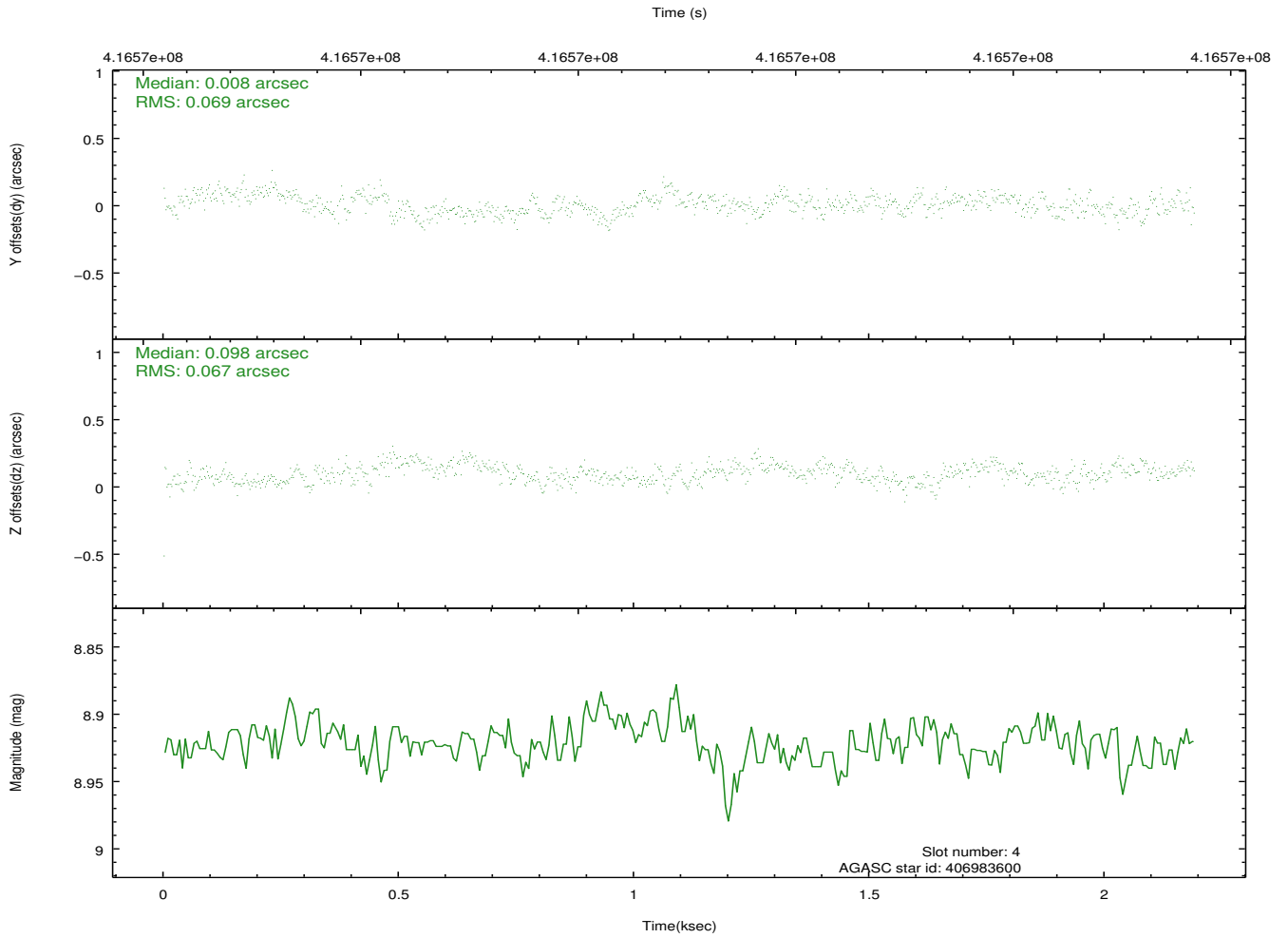
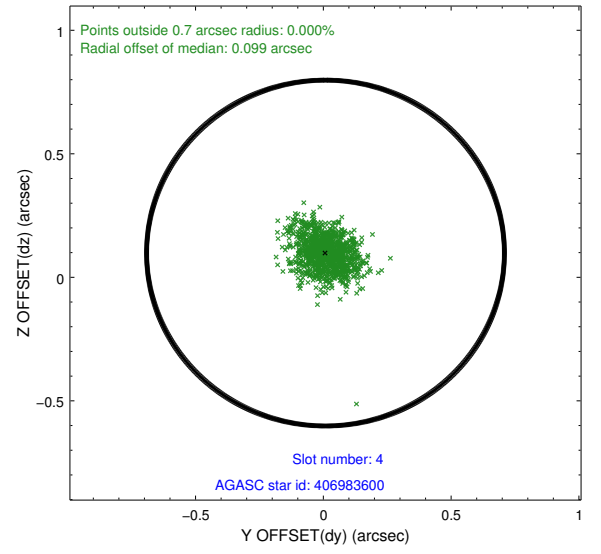
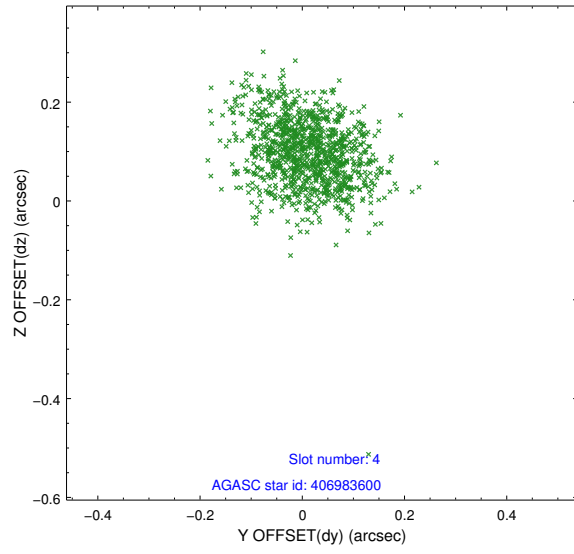
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	535	0.033	-0.159	0.007	0.012	0.000000	0.000000	-1174.24	-466.00
1	FID	HRC-S-2	6.98	535	0.224	-0.099	0.005	0.011	0.000000	0.000000	1223.41	-459.42
2	FID	HRC-S-3	7.01	534	0.134	-0.045	0.007	0.011	0.000000	0.000000	-1174.59	562.78
3	GUIDE	406979352	9.25	1063	-0.044	0.064	0.116	0.184	279.968297	39.230258	2044.97	-1642.58
4	GUIDE	406983600	8.92	1066	0.008	0.098	0.101	0.164	279.940957	39.020708	1293.27	-1719.94
5	GUIDE	406985120	7.42	1069	-0.108	-0.088	0.088	0.146	278.839732	38.894839	253.65	1218.36
6	GUIDE	406987272	6.95	1069	0.140	-0.328	0.069	0.115	278.536588	38.437504	-1522.48	1753.31
7	GUIDE	406992968	7.65	1068	0.008	0.245	0.097	0.144	279.925490	37.993090	-2343.26	-2407.79

2.4 Star Slots

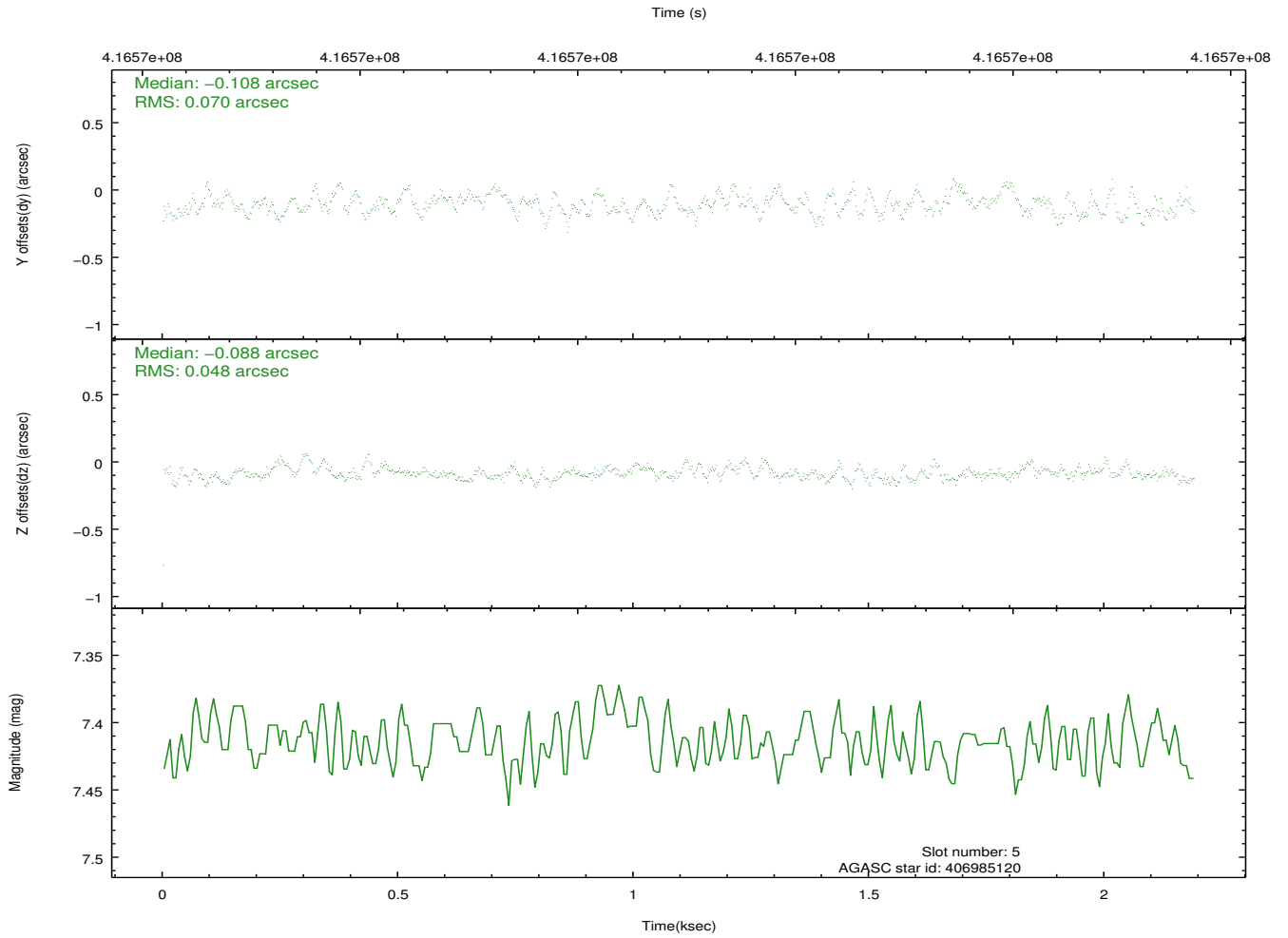
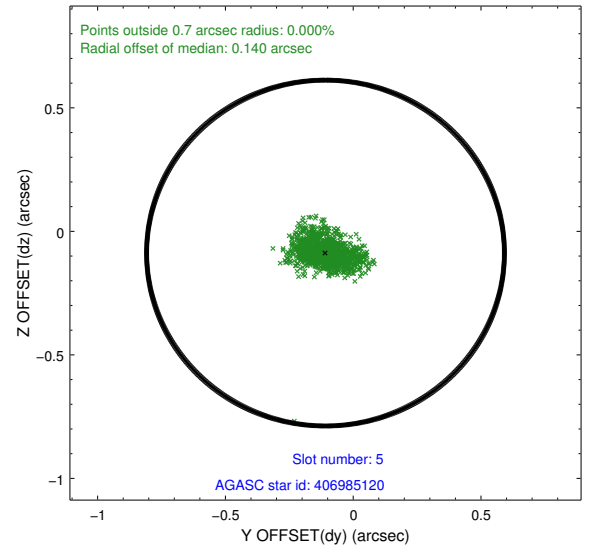
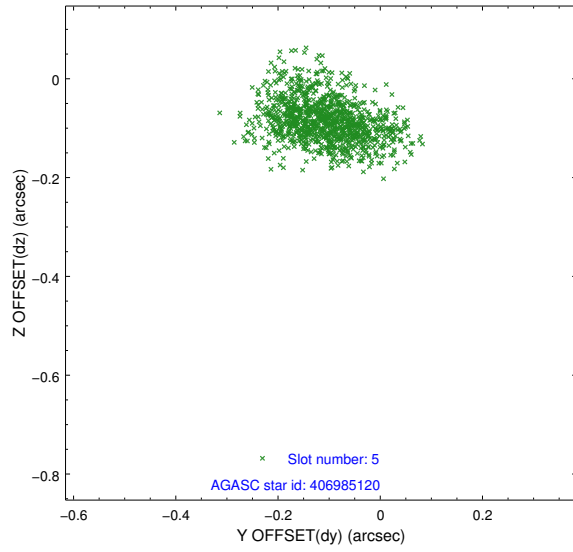
2.4.1 Slot 3



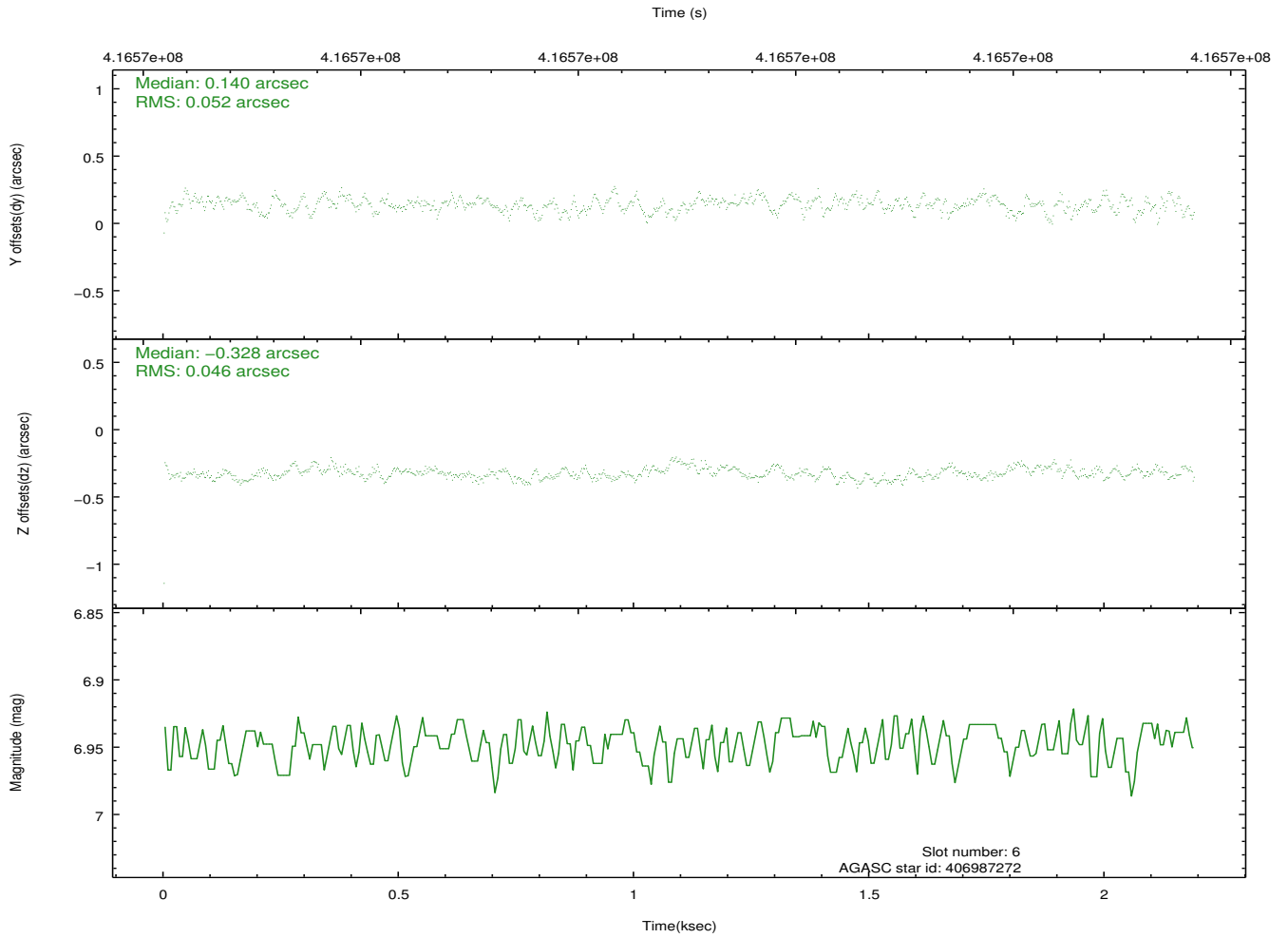
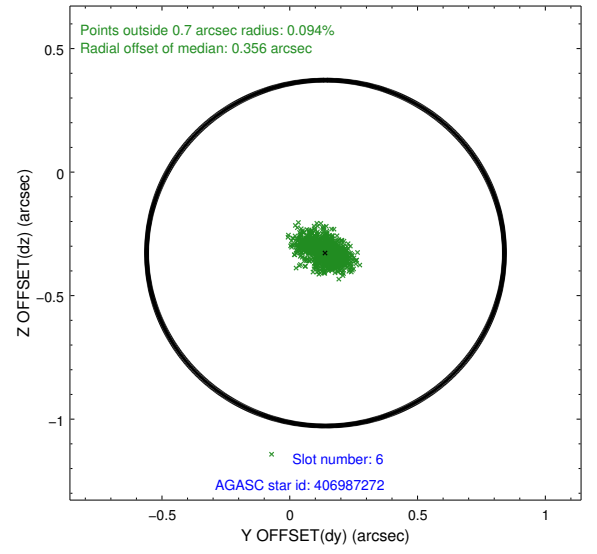
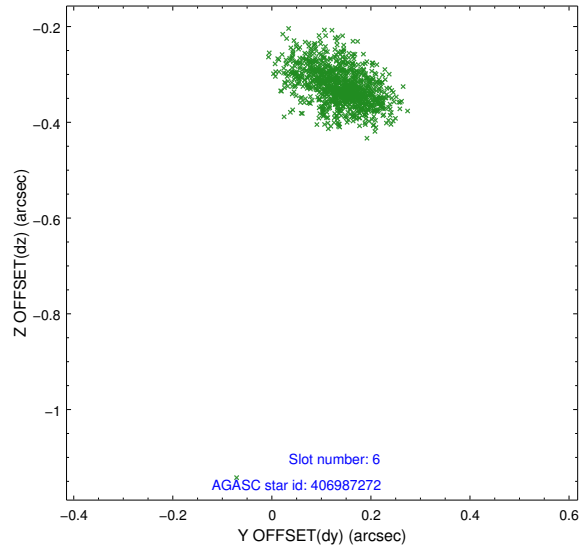
2.4.2 Slot 4



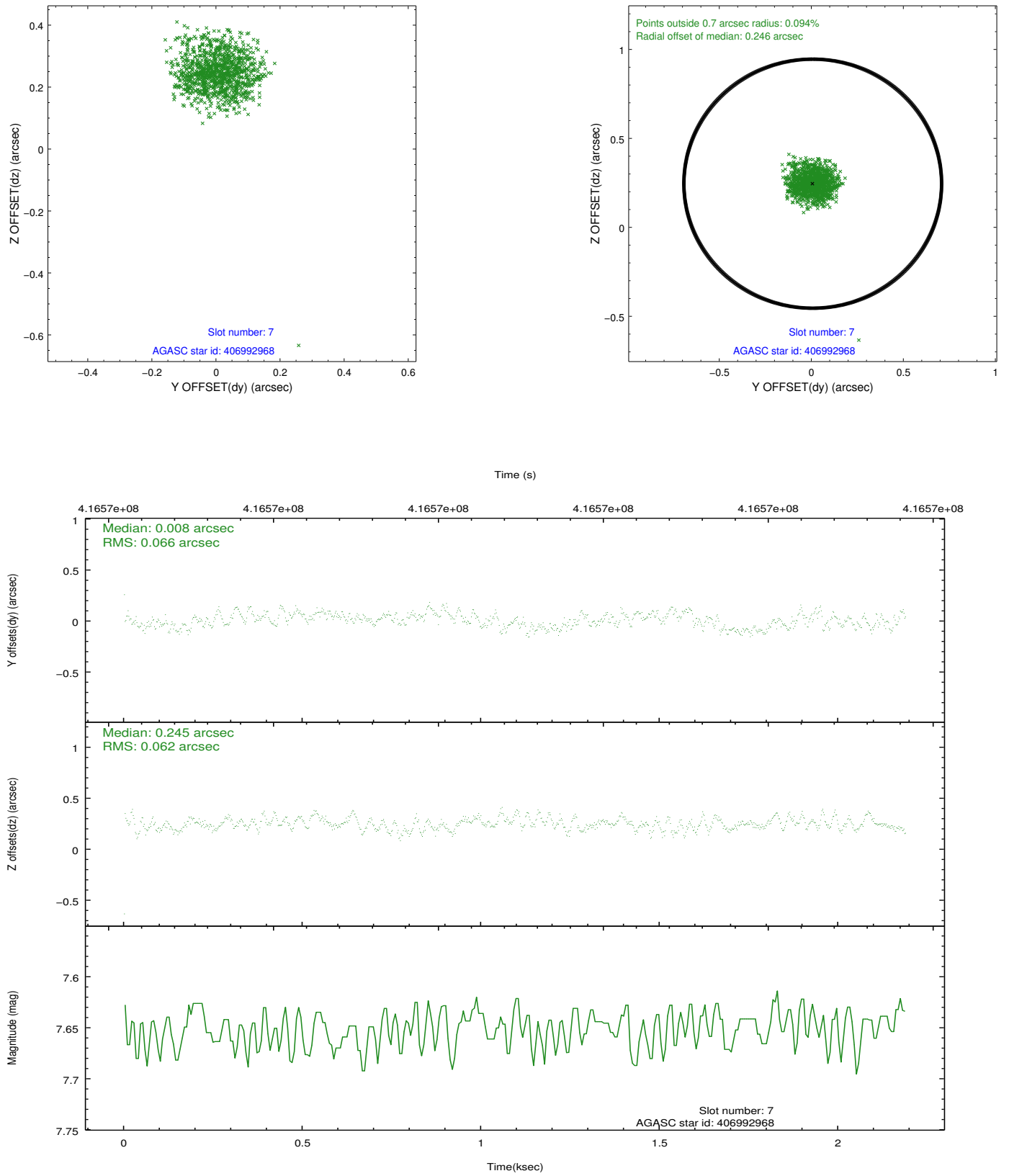
2.4.3 Slot 5



2.4.4 Slot 6

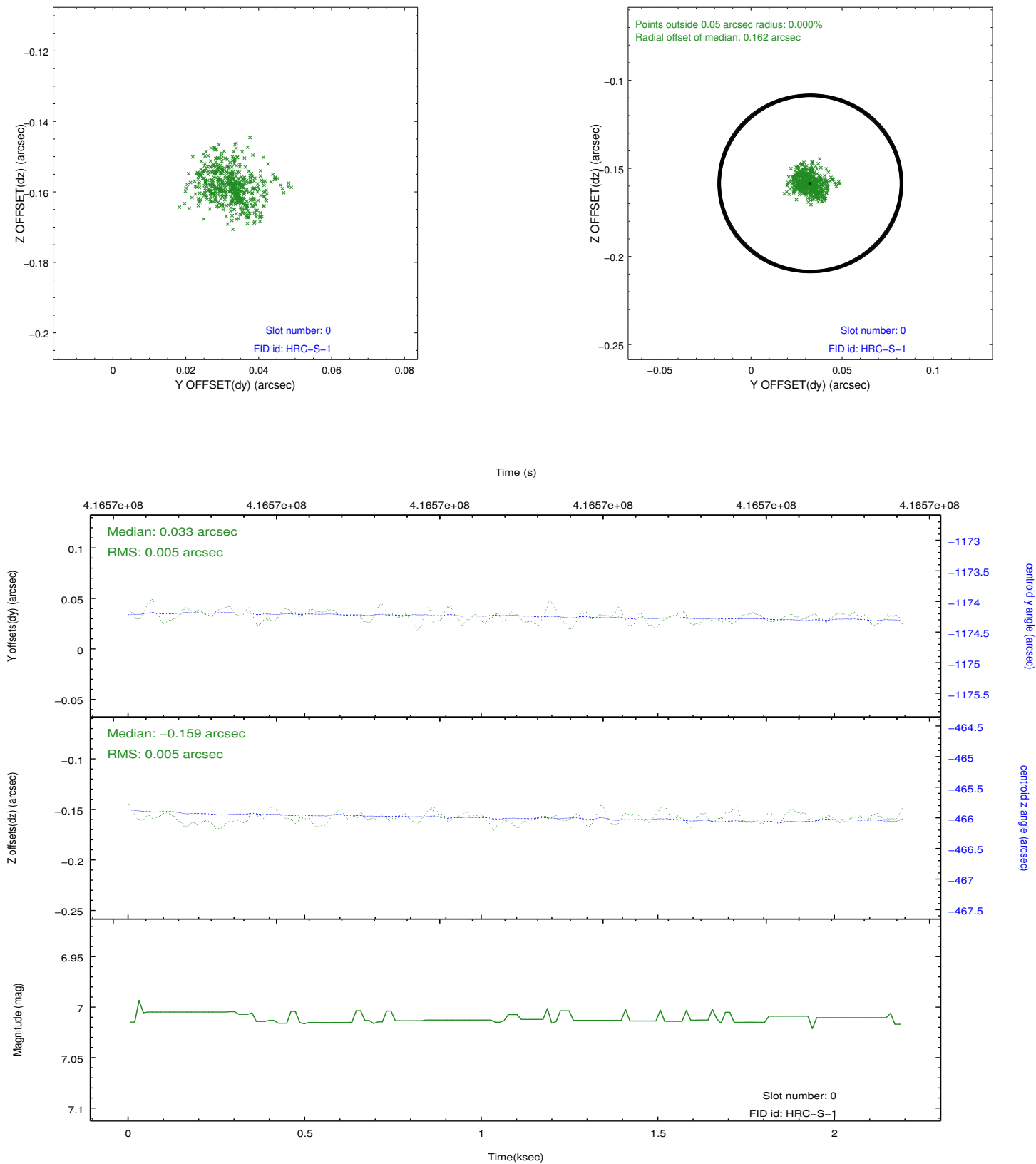


2.4.5 Slot 7

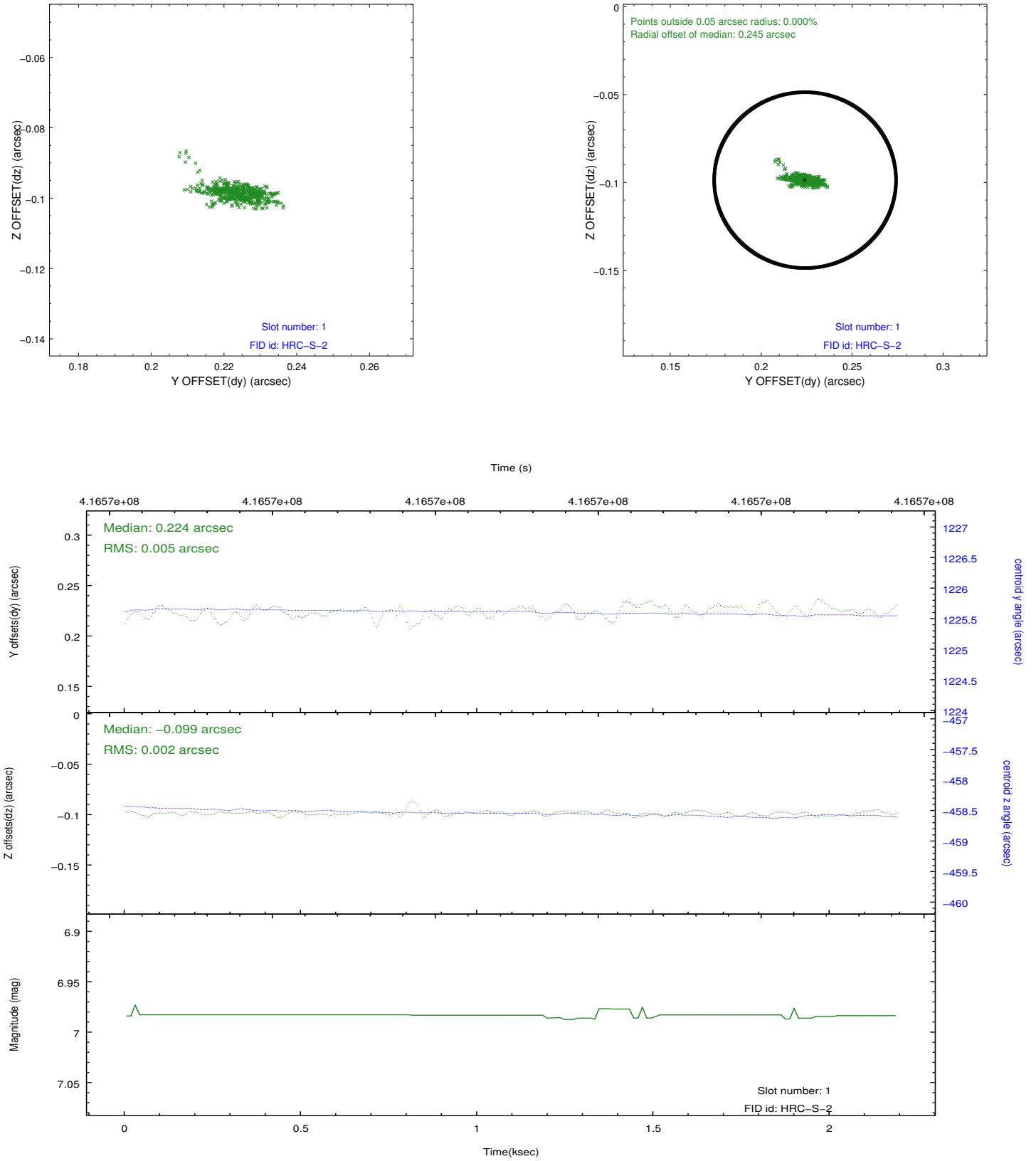


2.5 FID Slots

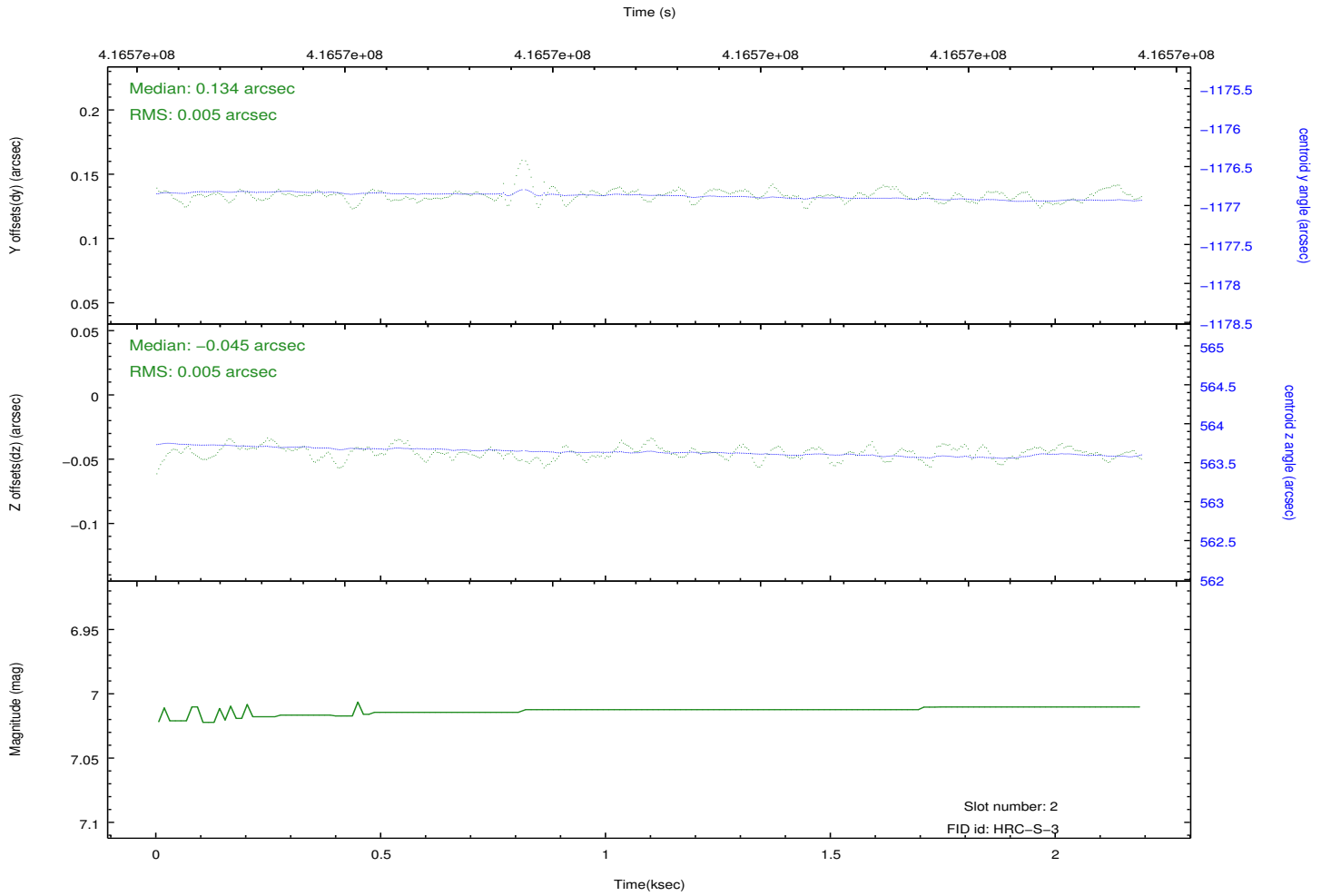
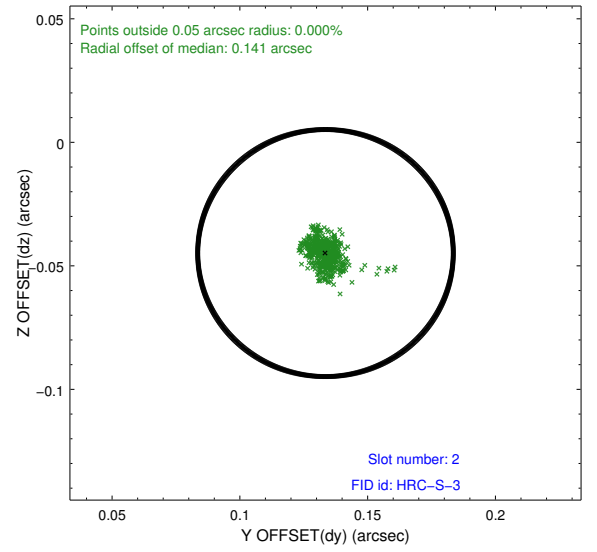
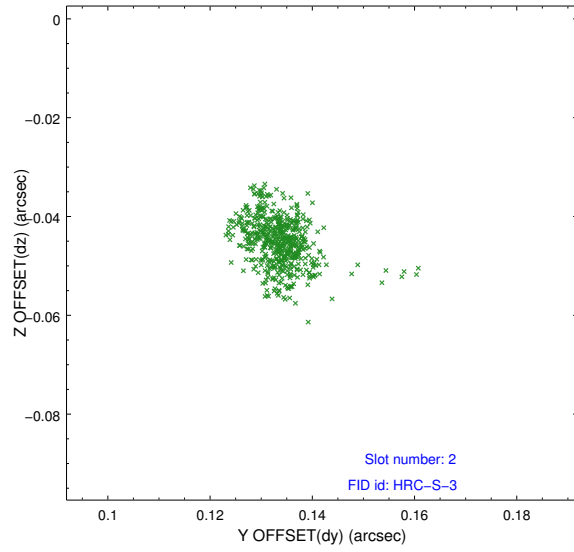
2.5.1 Slot 0



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)	2012.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1578813617826

A.2 Comments

Window preference met.