

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2589 - L2 Version 3
Chandra X-Ray Center

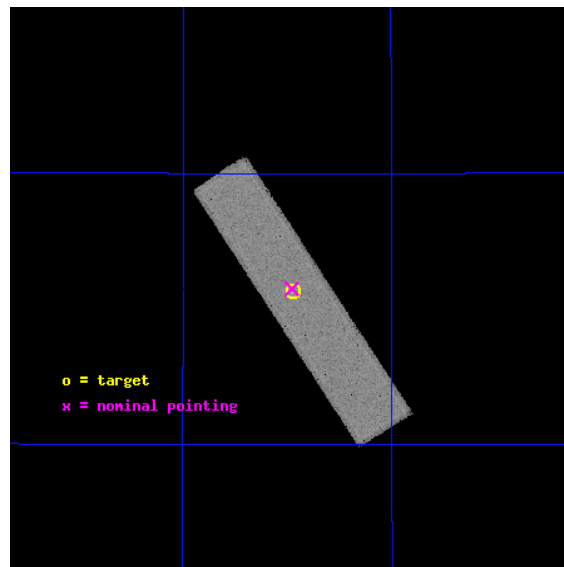
L2 Processing Date : Oct 2 2012

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1 Front

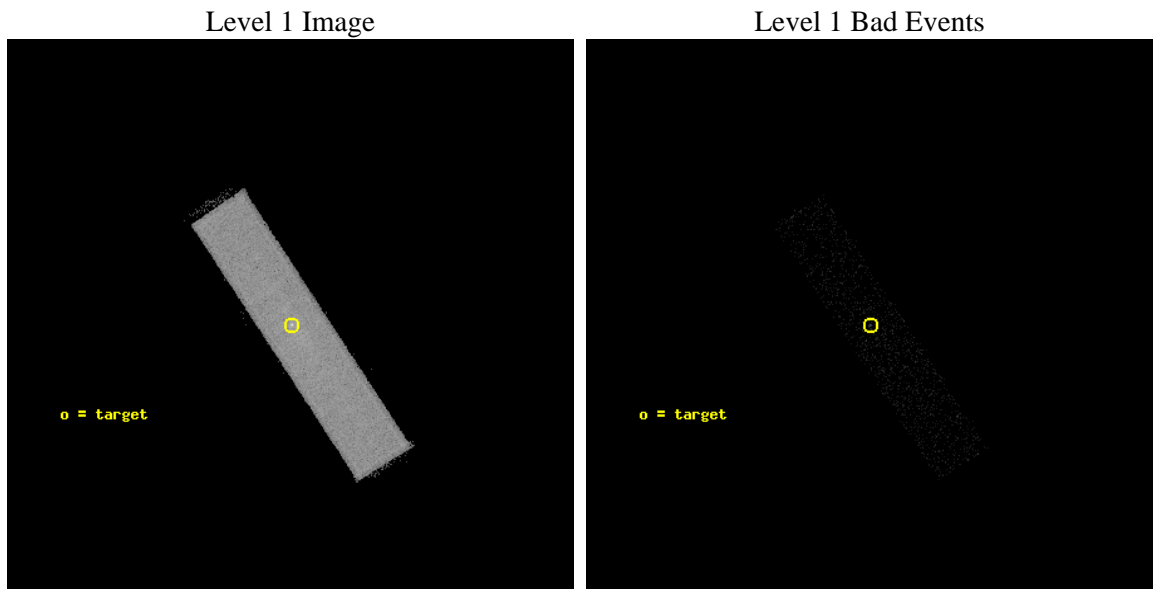
seq_num	290145	Sequence number
obs_id	2589	Observation id
title	AO3 CALIBRATION OBSERVATIONS OF VEGA	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	VEGA	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23868473323	Nominal RA [deg]
dec_nom	38.787662039444	Nominal Dec [deg]
roll_nom	56.651017439046	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2820.0313638896	[s]
livetime	2805.9225044872	Ontime multiplied by DTCOR
l2events	89094	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	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2820.0313638896	[s]
caldbver	4.5.2	 	l1events	121314	Number of level 1 events
date	2012-10-02T07:29:01	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

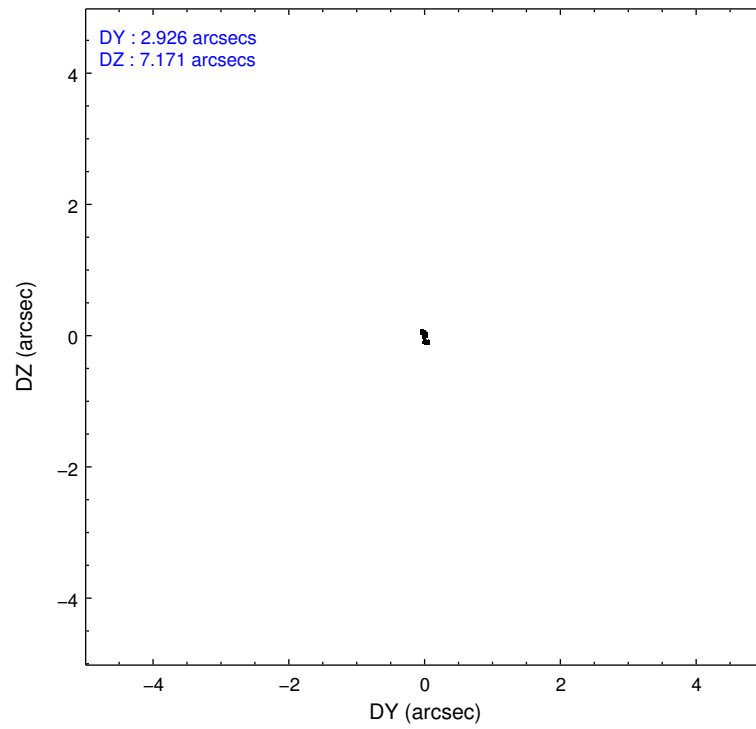
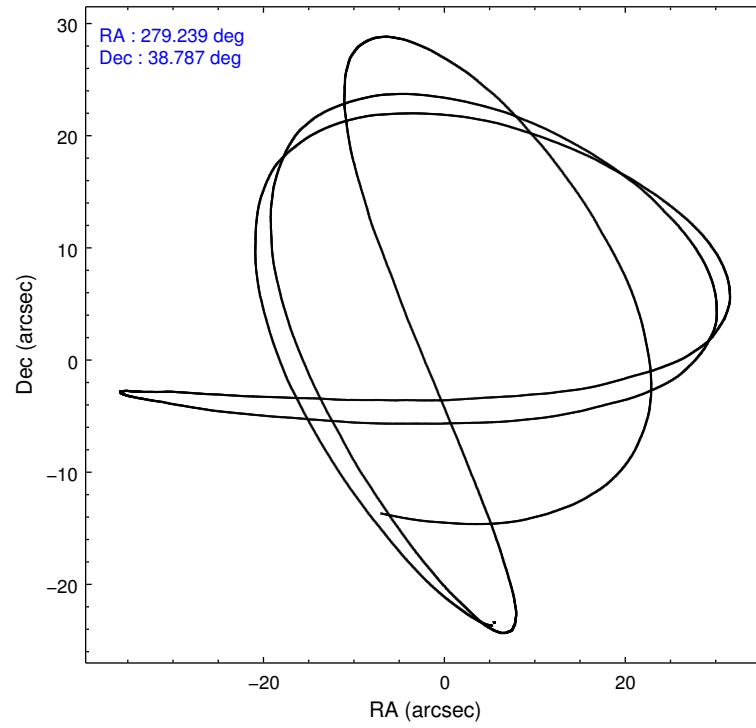
	segment 1	segment 2	segment 3
level 1 events	0	121314	0
rejected events	0	6969	0
rejected %	0%	5%	0%

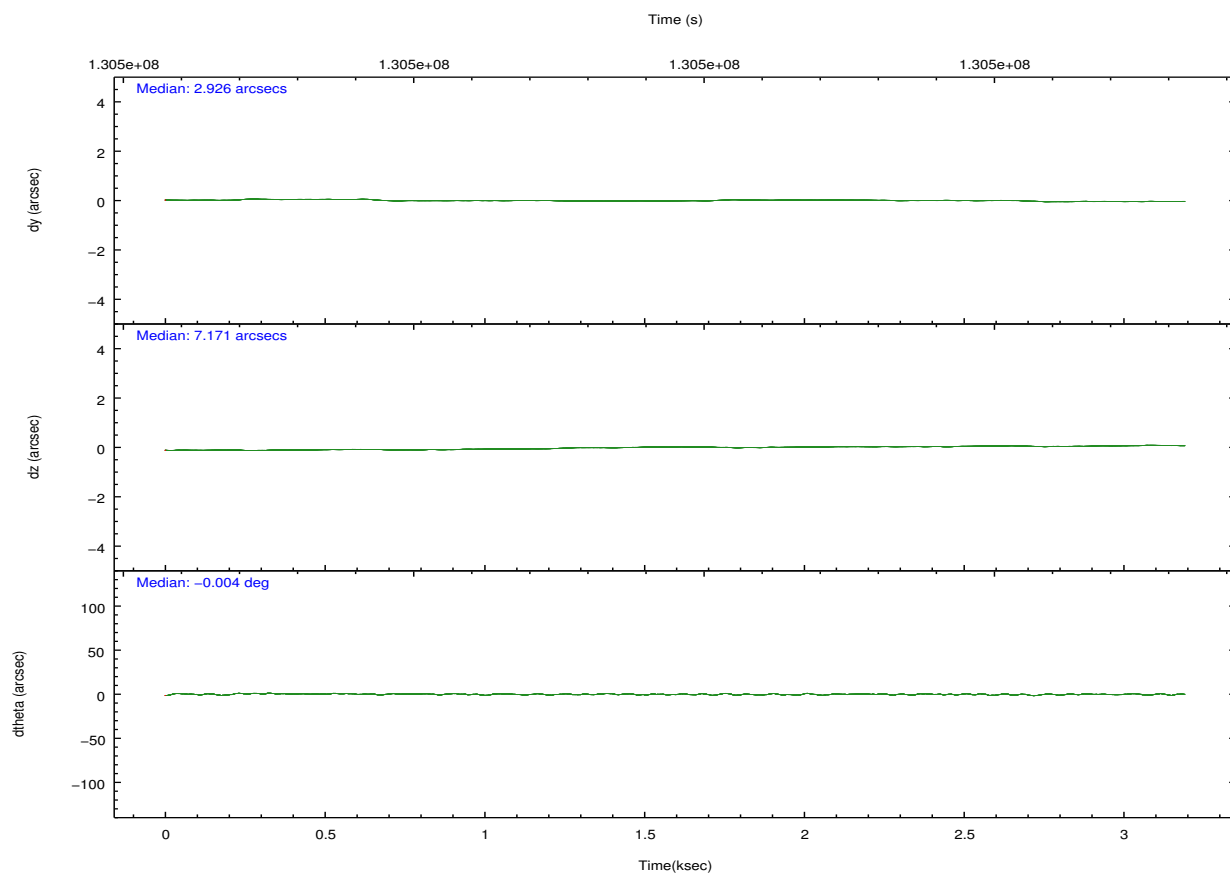
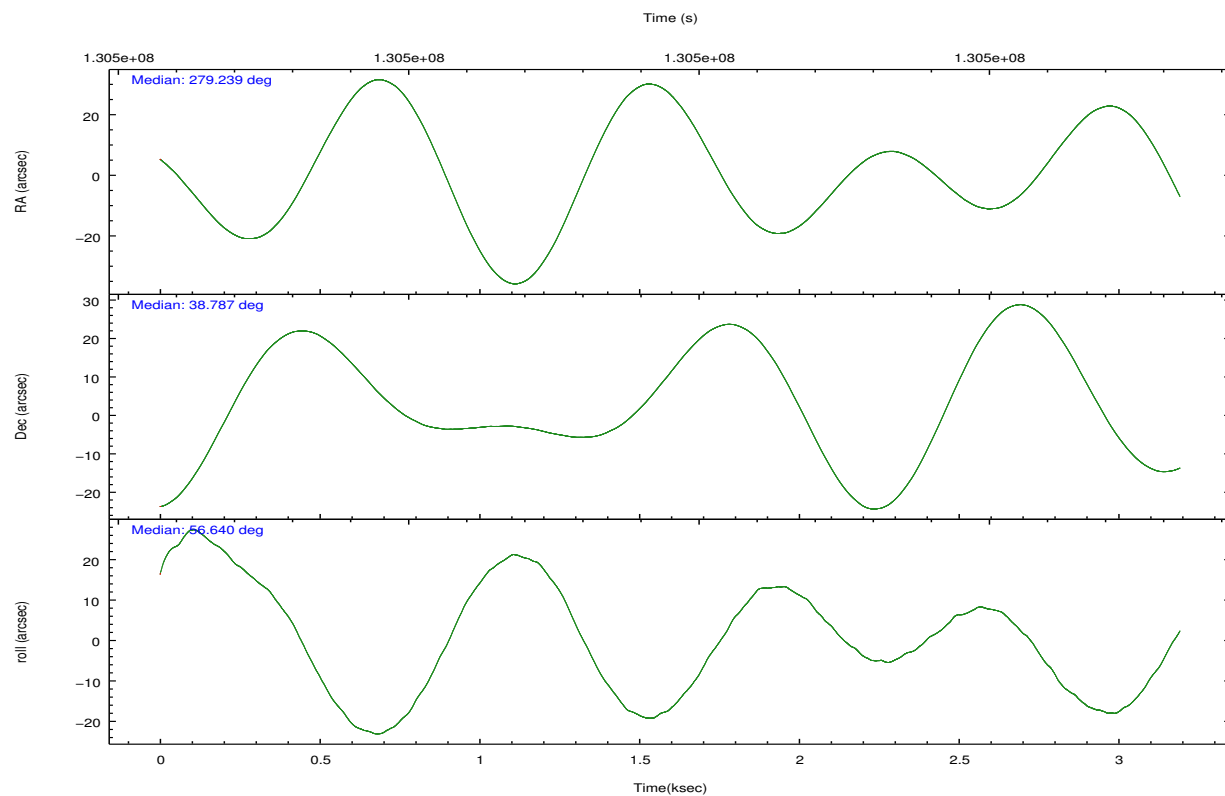
2.2 Compared Parameters

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	279.238117	279.2386847332307
[deg] Pointing Dec	38.759014	38.78766203944412
[deg] Pointing Roll	56.584041	56.65101743904614
[s] Window start time (MET)	128908864.184000	128908864.184000
[s] Window stop time (MET)	131241664.184000	131241664.184000
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	130497495.184000	130497039.1837
Observation start date	2002-02-19T09:17:11	2002-02-19T09:10:39
[s] Observation end time (MET)	130500495.184000	130500629.24634
Observation end date	2002-02-19T10:07:11	2002-02-19T10:10:29

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

2.3 Aspect



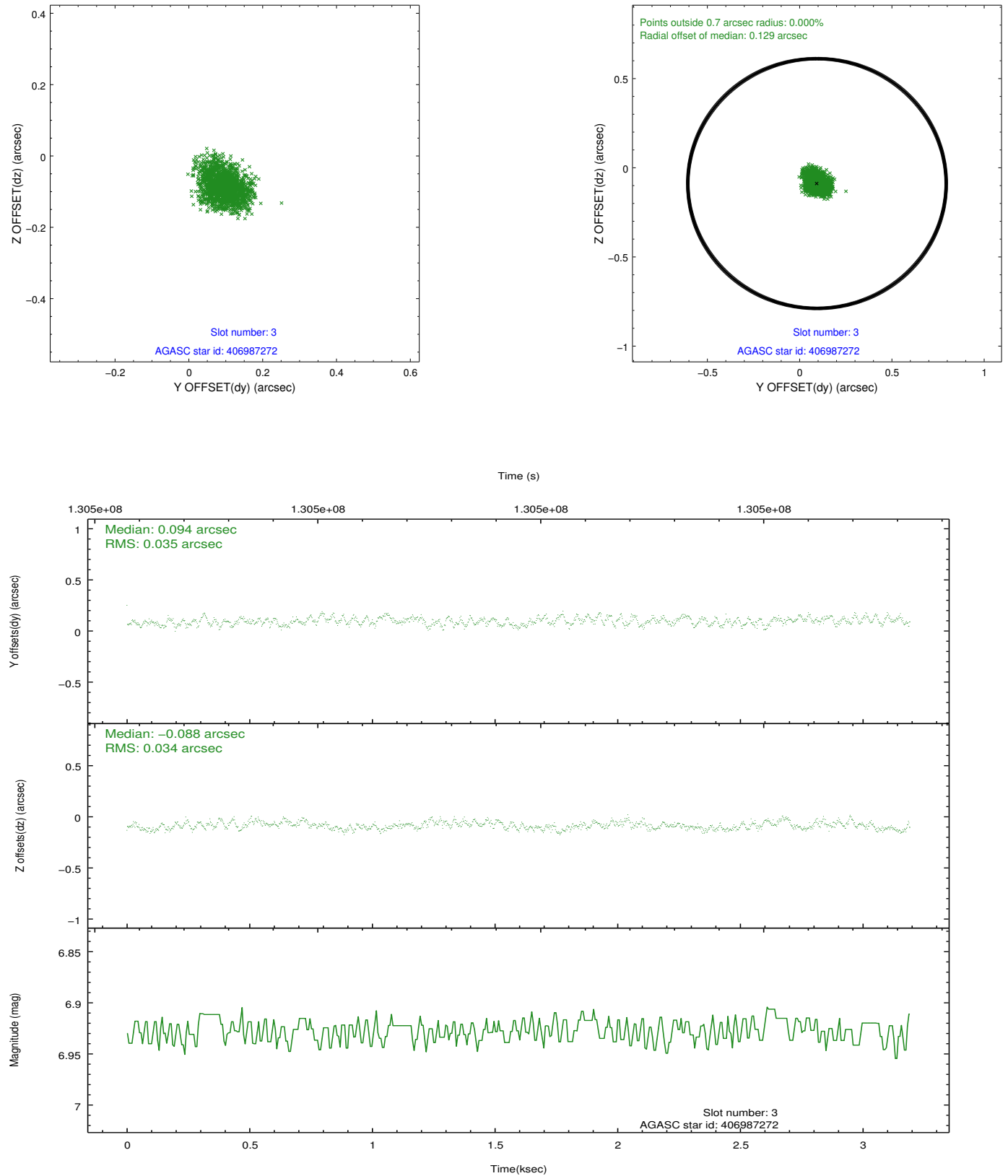


Slot Statistics

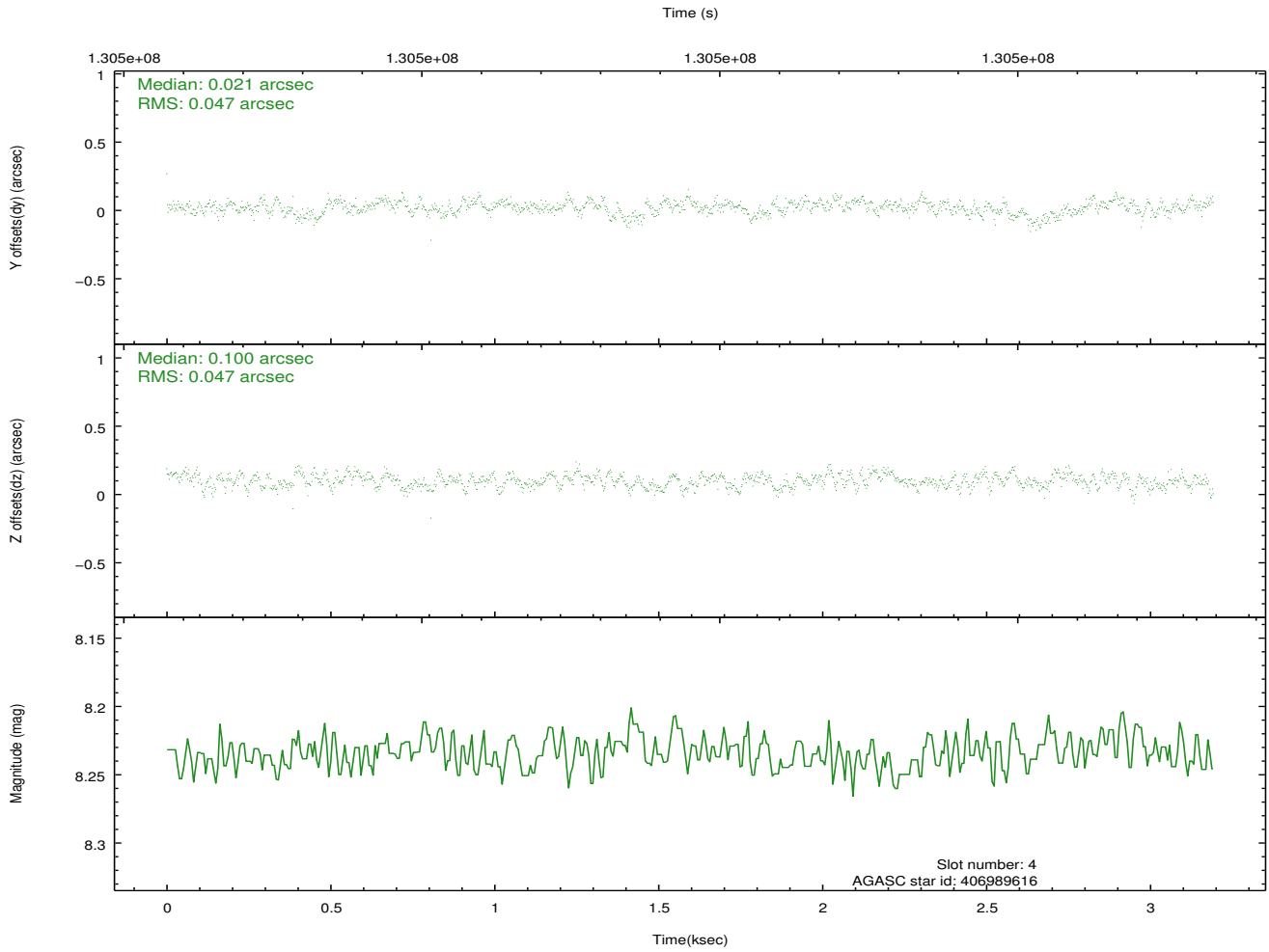
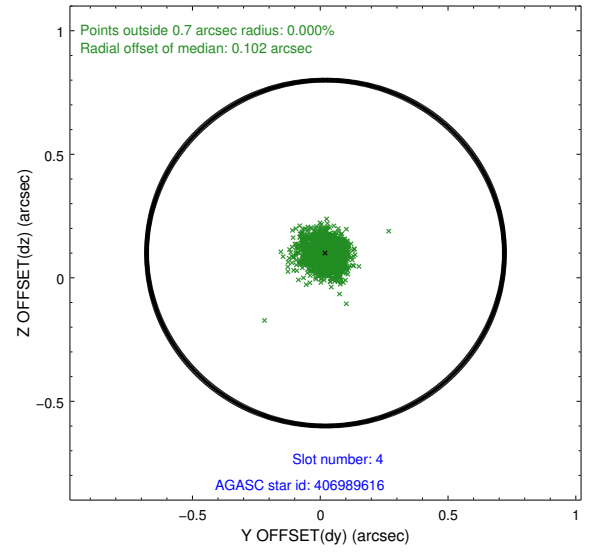
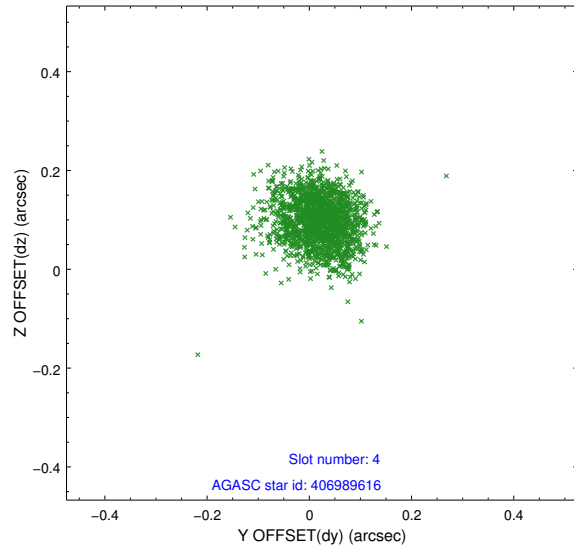
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.95	779	0.143	-0.078	0.006	0.010	0.000000	0.000000	-1156.95	-455.66
1	FID	HRC-S-2	6.96	779	0.091	-0.089	0.004	0.008	0.000000	0.000000	1241.19	-448.89
2	FID	HRC-S-3	6.99	779	0.156	-0.134	0.006	0.010	0.000000	0.000000	-1158.07	573.23
3	GUIDE	406987272	6.93	1558	0.094	-0.088	0.054	0.085	278.536588	38.437504	-2050.02	1018.64
4	GUIDE	406989616	8.23	1558	0.021	0.100	0.071	0.113	279.202881	38.520843	-772.32	-387.70
5	GUIDE	406990192	9.00	1558	0.057	-0.036	0.080	0.128	278.510952	38.533654	-1799.58	1267.36
6	GUIDE	406983600	8.92	1557	-0.155	0.092	0.083	0.130	279.940957	39.020708	1873.34	-1115.84
7	GUIDE	406980288	9.30	1551	-0.015	-0.070	0.088	0.148	278.903147	39.061646	395.90	1382.75

2.4 Star Slots

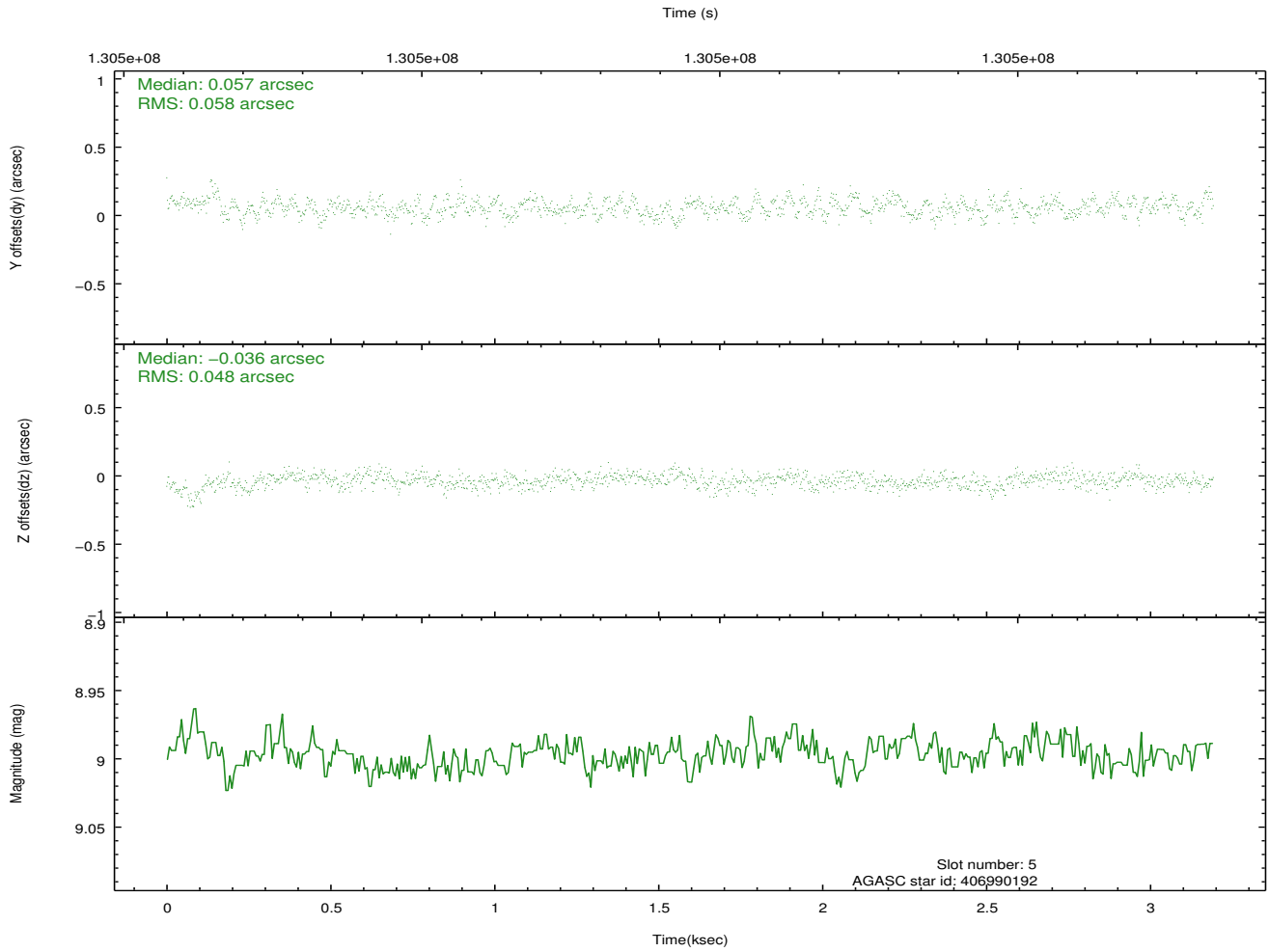
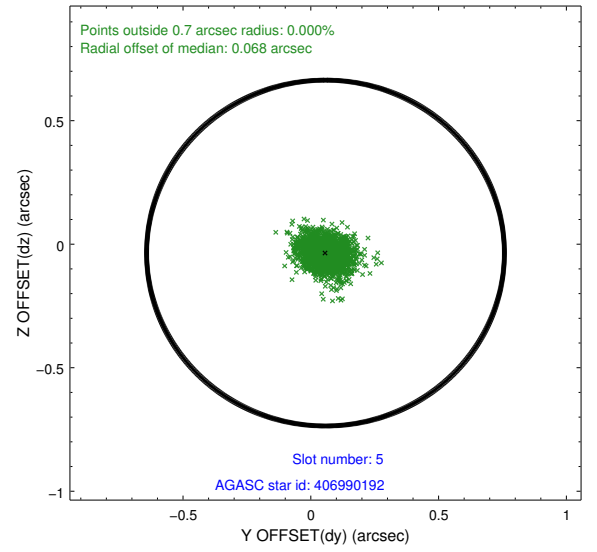
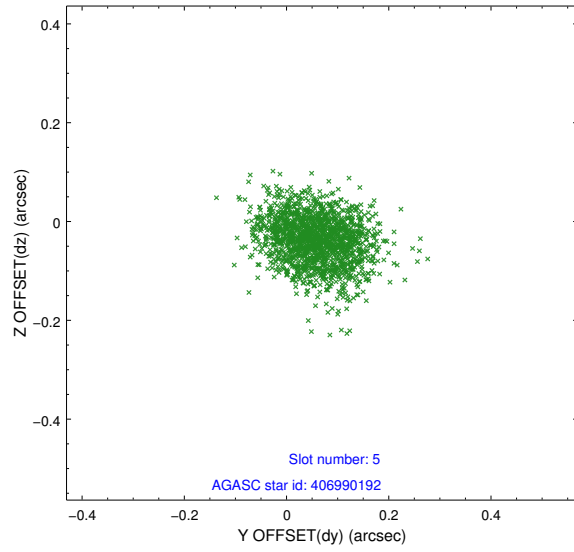
2.4.1 Slot 3



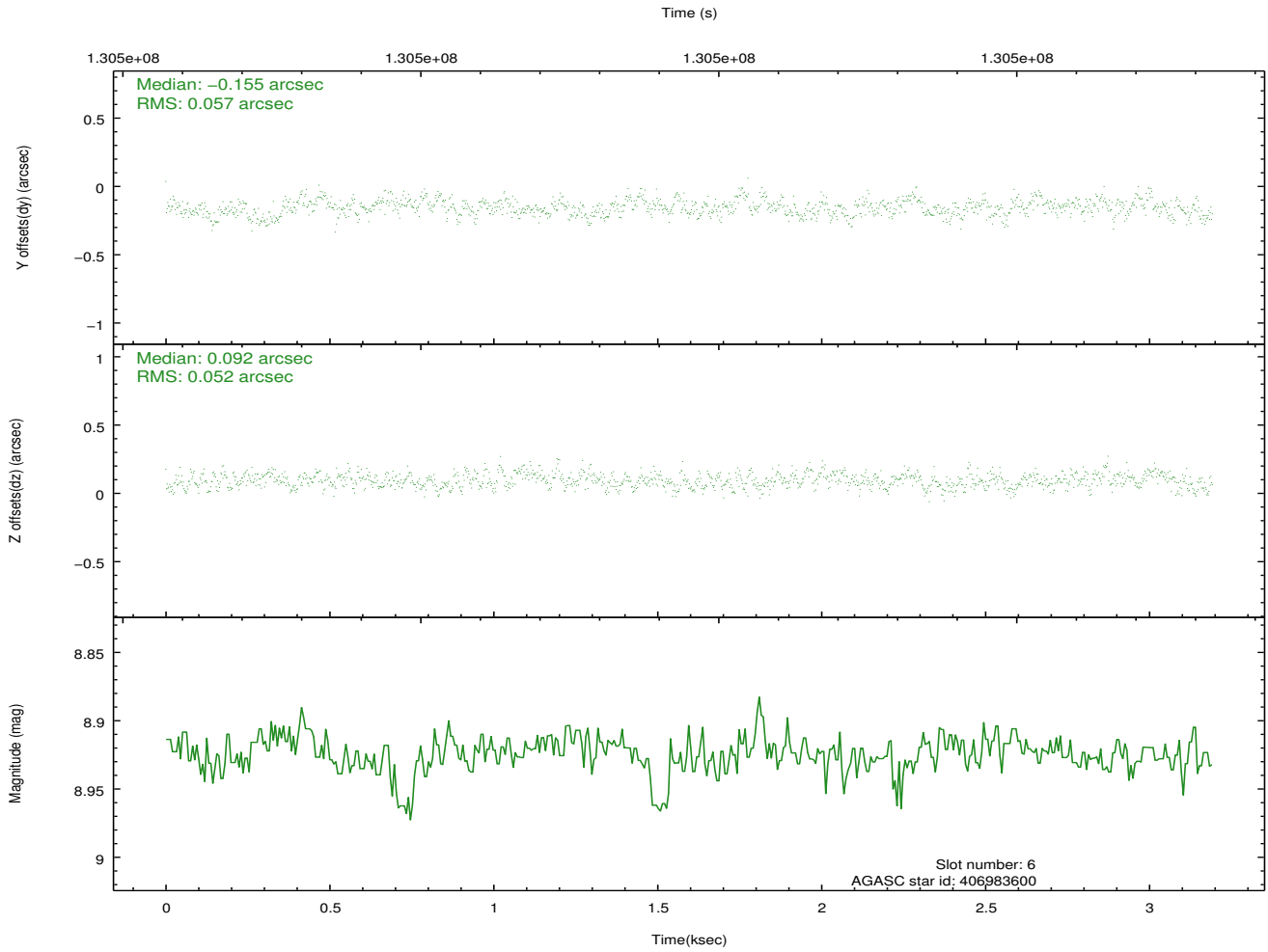
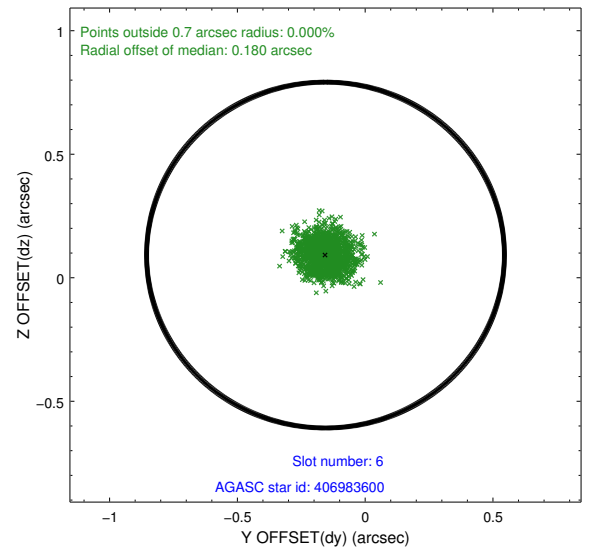
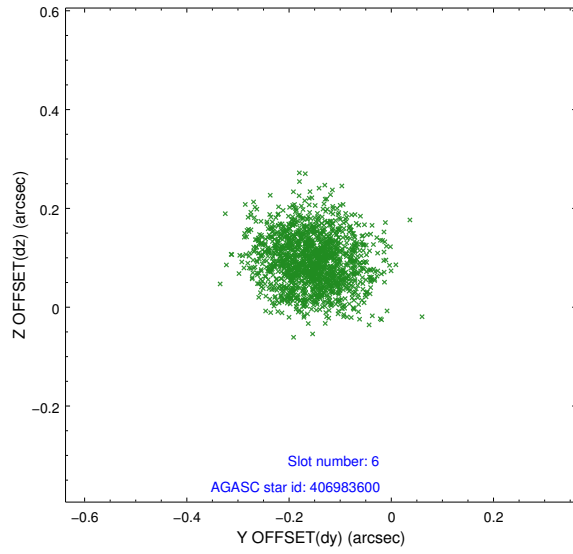
2.4.2 Slot 4



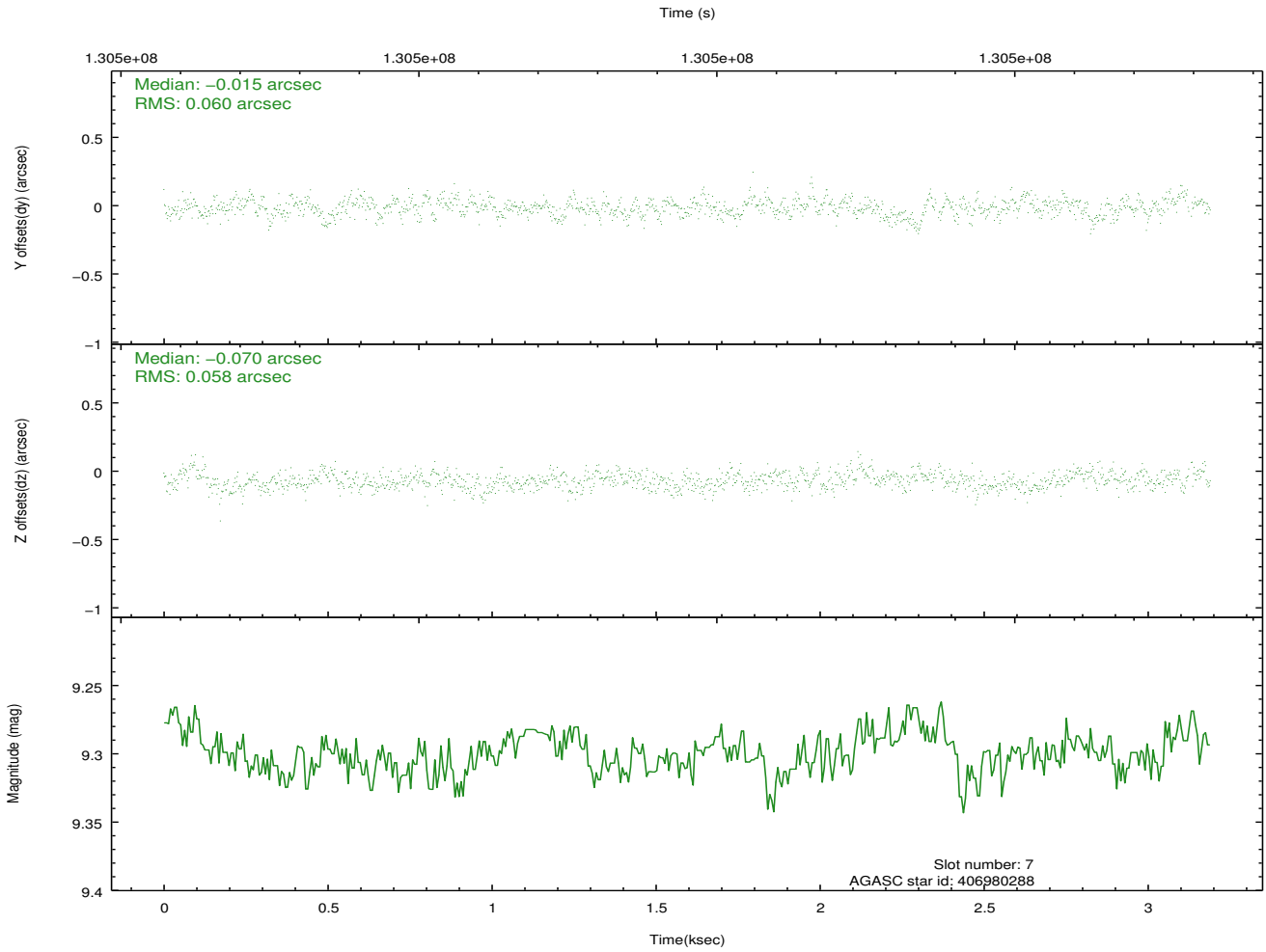
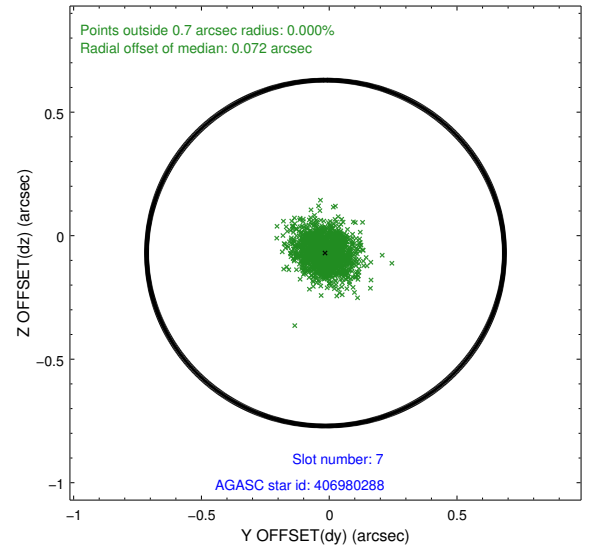
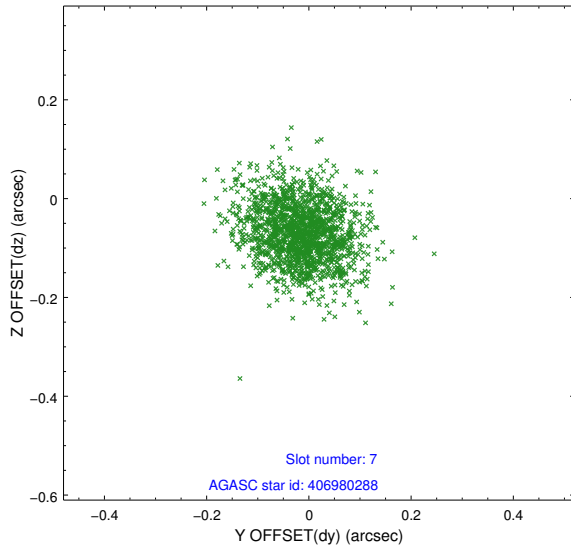
2.4.3 Slot 5



2.4.4 Slot 6

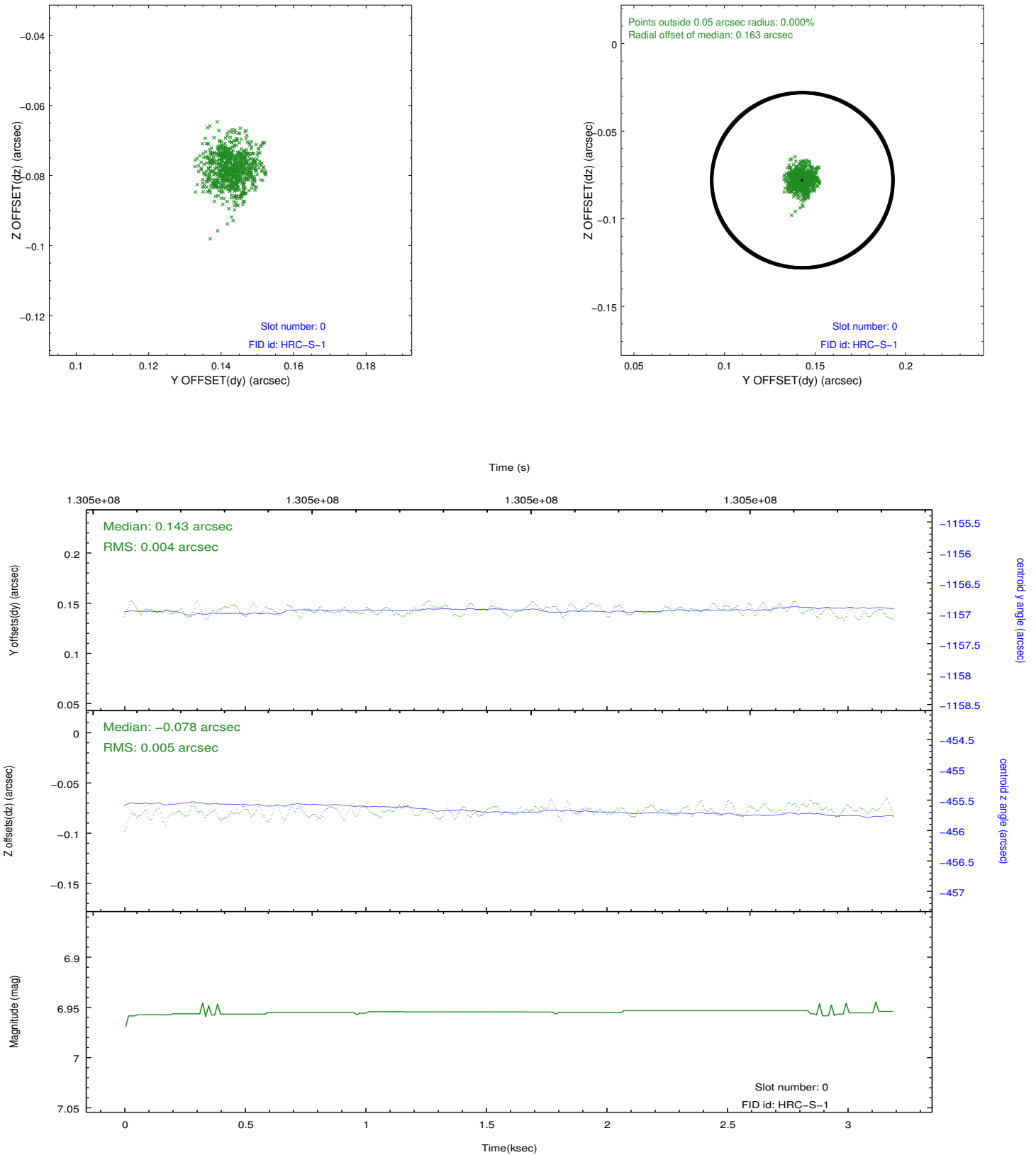


2.4.5 Slot 7

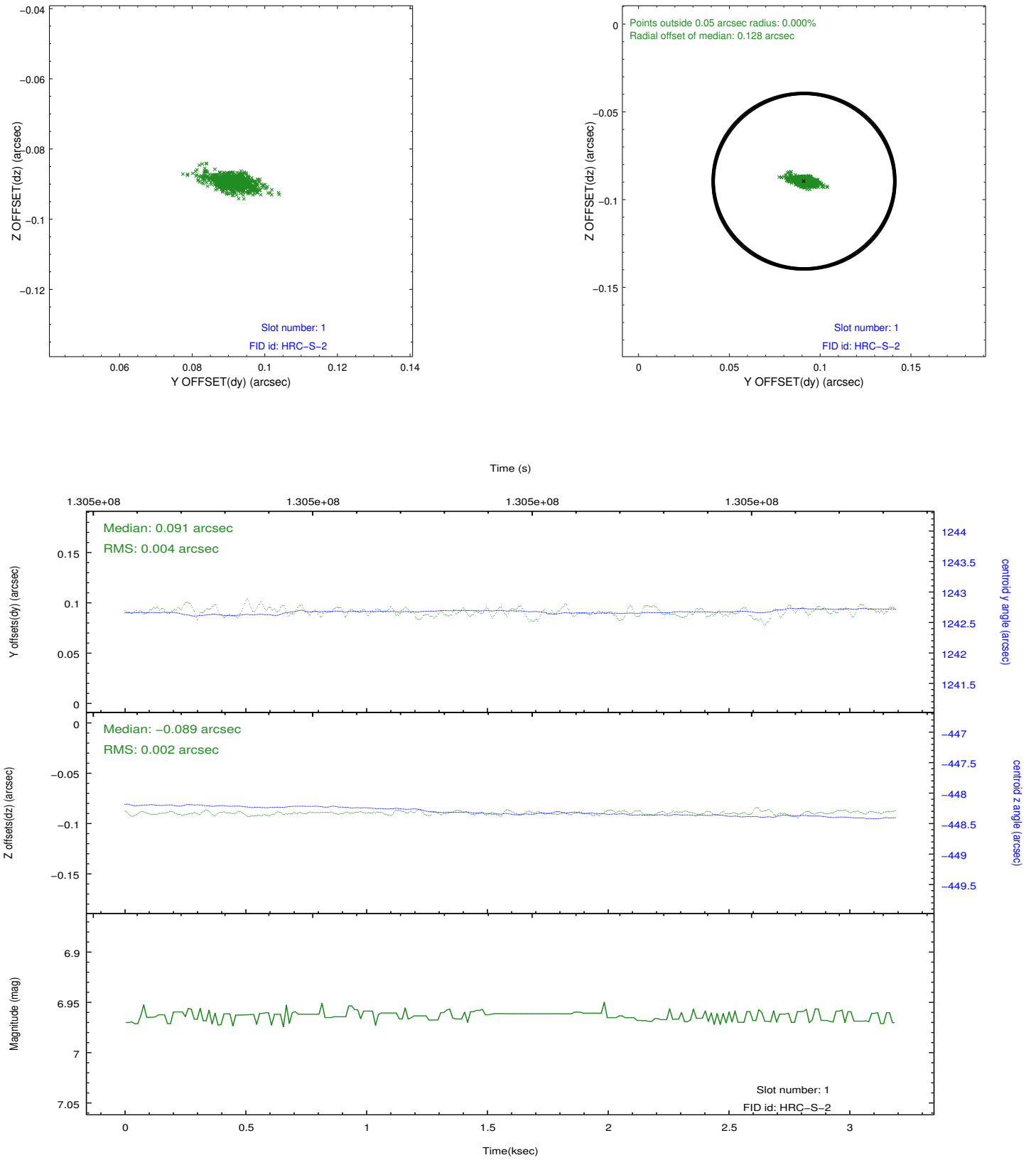


2.5 FID Slots

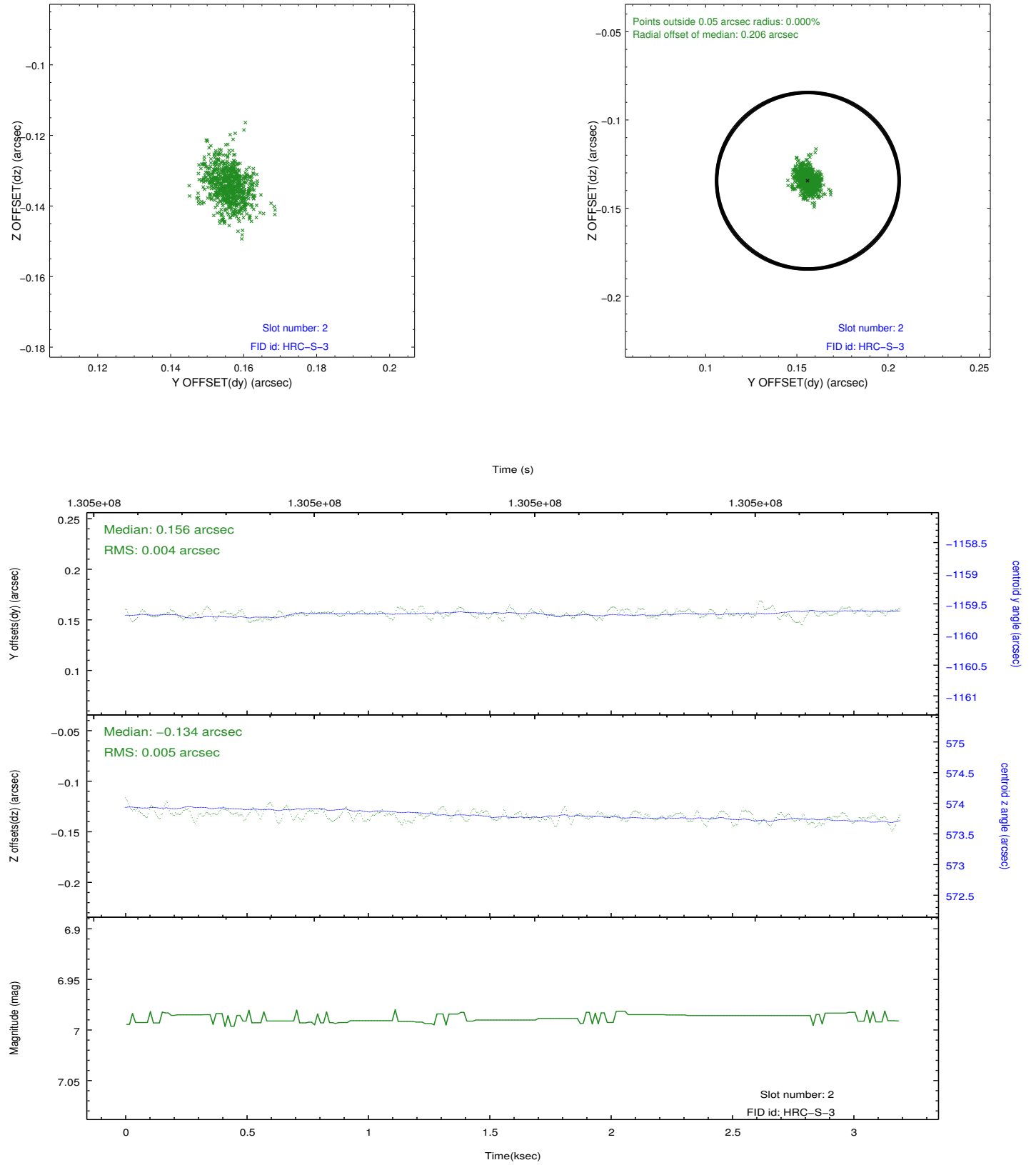
2.5.1 Slot 0



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)	2012.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.82

A.2 Comments

Window constraint met.