

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8323 - L2 Version 3
Chandra X-Ray Center

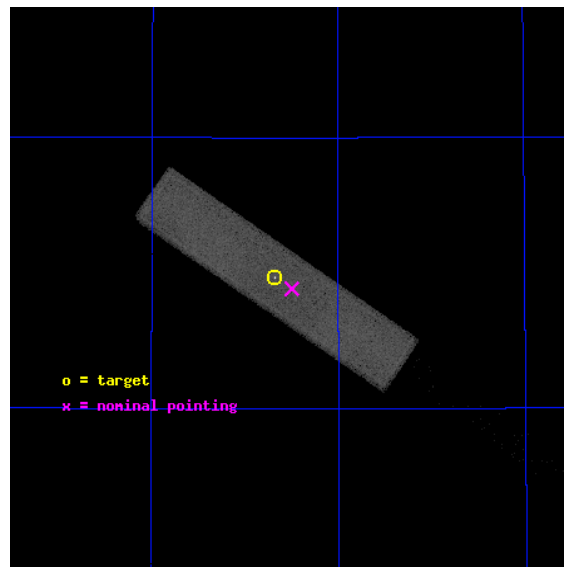
L2 Processing Date : Aug 12 2012

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1 Front

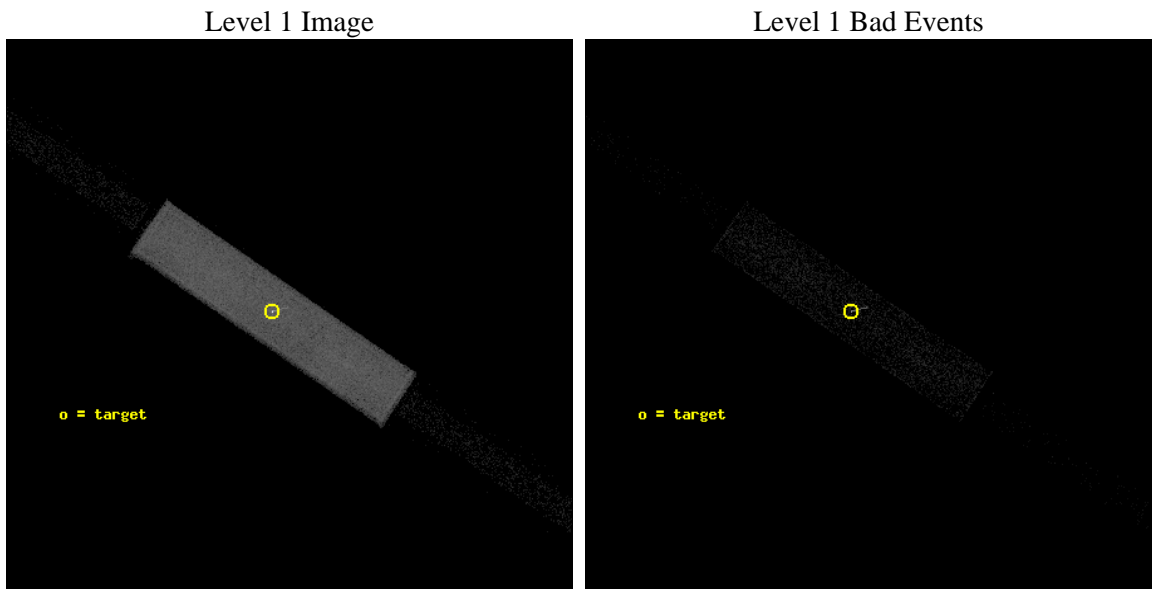
seq_num	290702	Sequence number
obs_id	8323	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.12422539317	Nominal RA [deg]
dec_nom	45.721650570497	Nominal Dec [deg]
roll_nom	214.34734497307	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1151.07505548	[s]
livetime	1137.9822073335	Ontime multiplied by DTCOR
l2events	97535	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1151.07505548	[s]
caldbver	4.5.1.1	 	l1events	152443	Number of level 1 events
date	2012-08-12T03:25:22	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

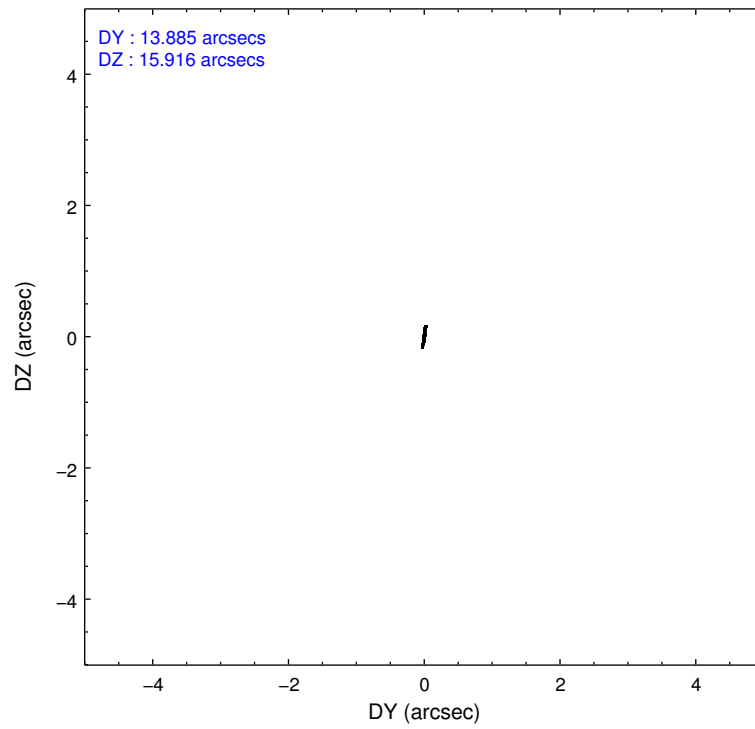
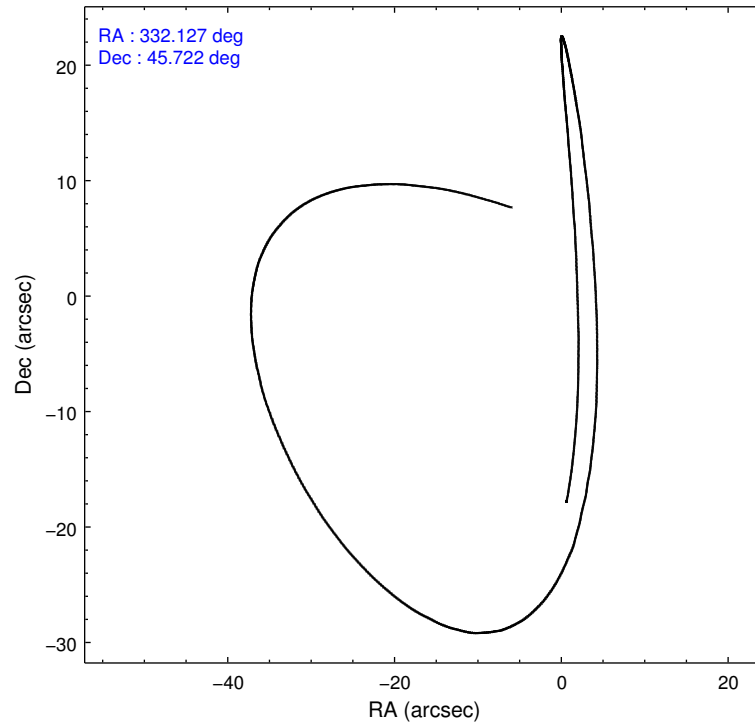
	segment 1	segment 2	segment 3
level 1 events	1661	149291	1491
rejected events	1661	37328	1426
rejected %	100%	25%	95%

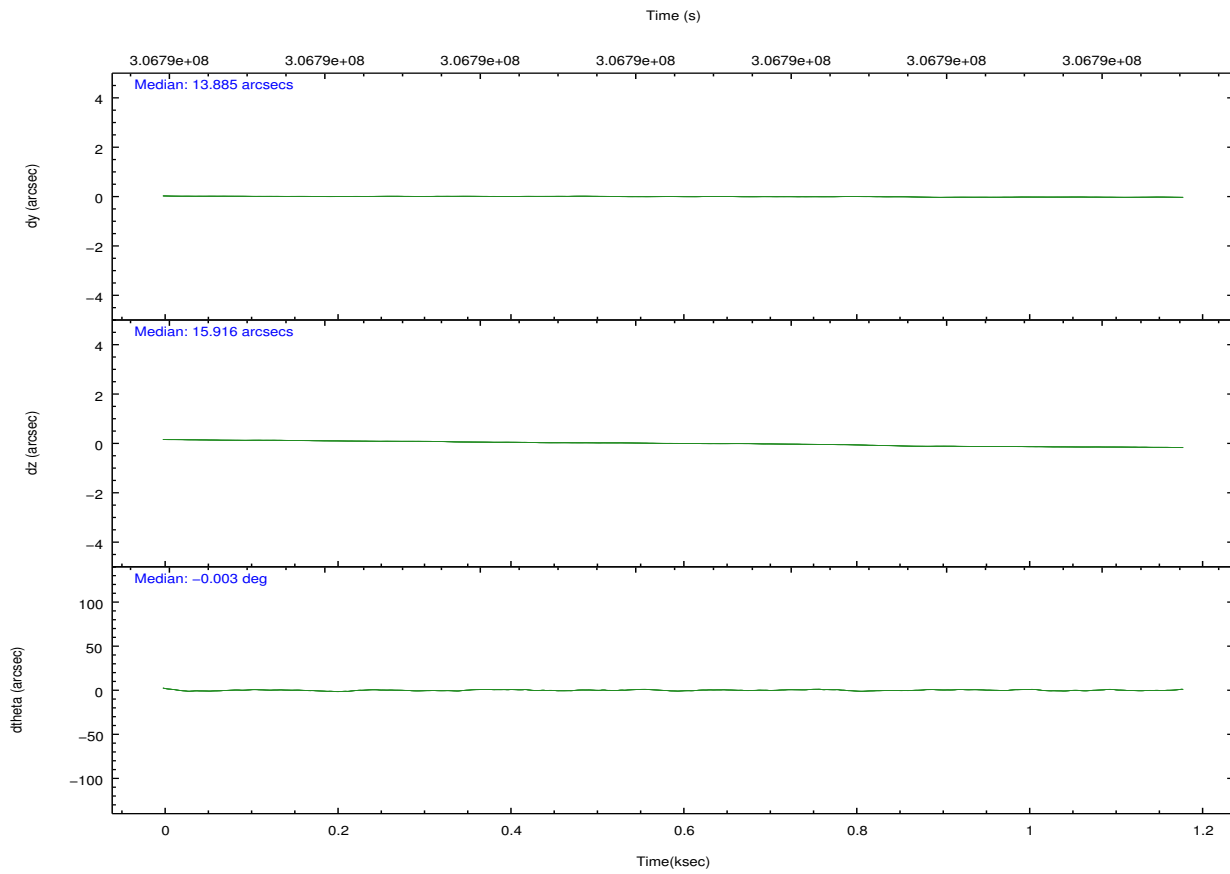
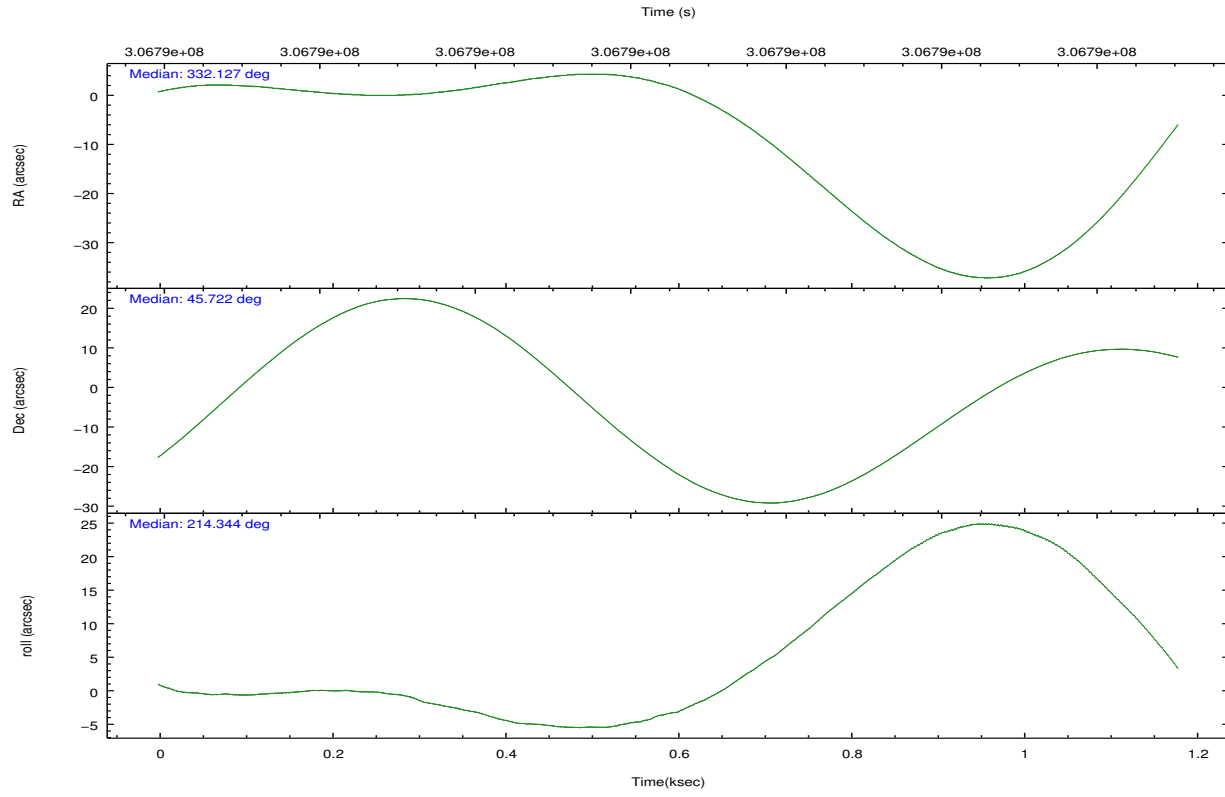
2.2 Compared Parameters

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	332.140786	332.1242253931711
[deg] Pointing Dec	45.747375	45.7216505704972
[deg] Pointing Roll	214.268142	214.3473449730683
[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)	306789233.184000	306788857.30574
Observation start date	2007-09-21T19:12:48	2007-09-21T19:07:37
[s] Observation end time (MET)	306790233.184000	306790368.15582
Observation end date	2007-09-21T19:29:28	2007-09-21T19:32:48

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

2.3 Aspect



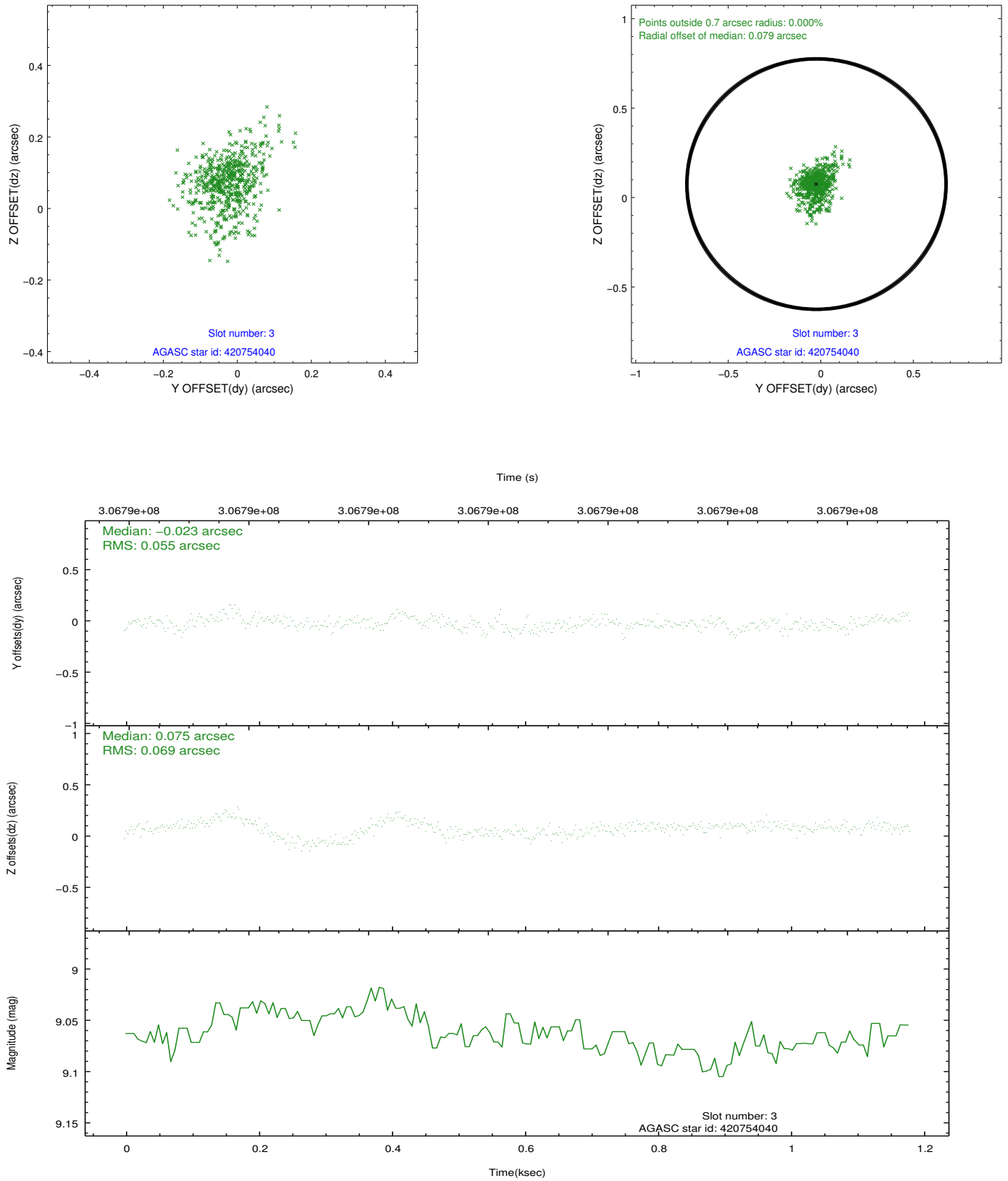


Slot Statistics

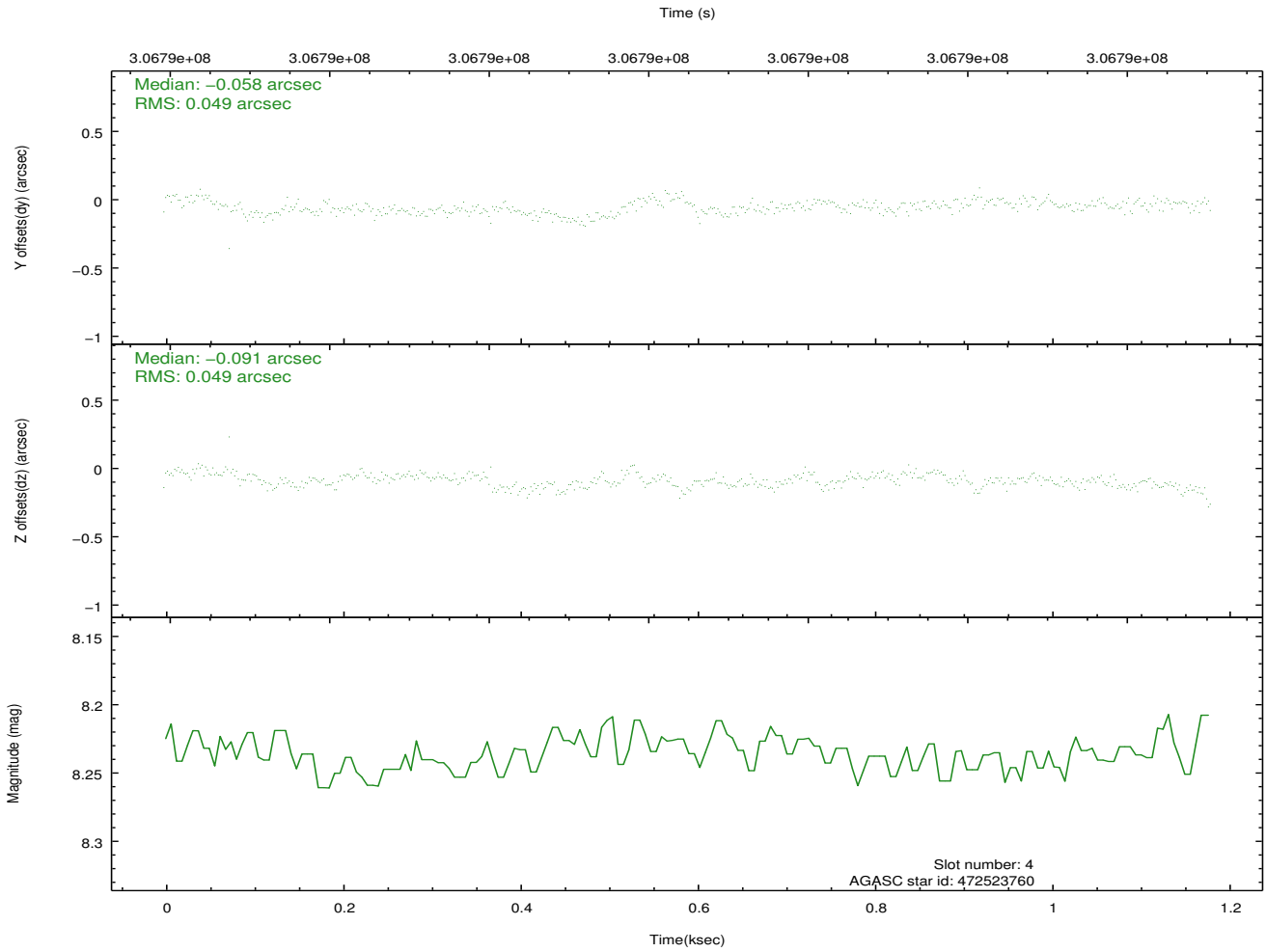
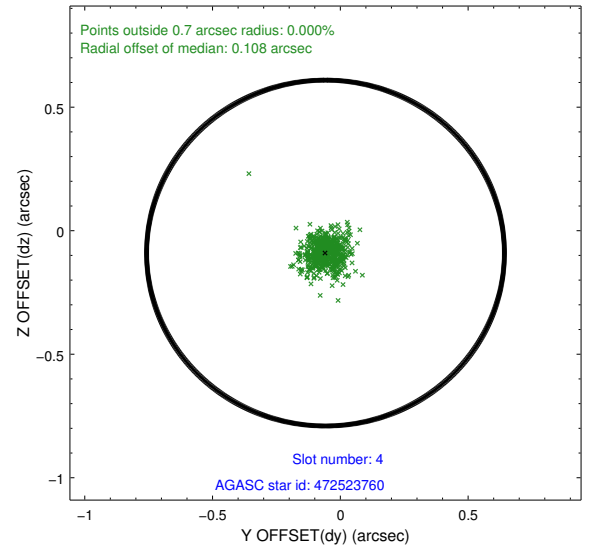
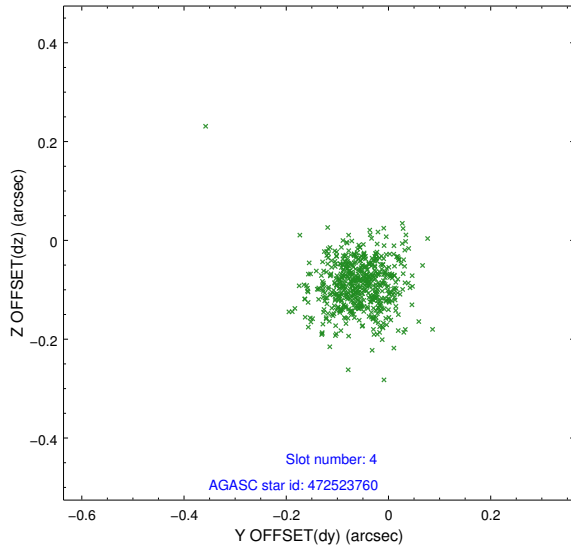
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.08	288	0.102	-0.203	0.008	0.016	0.000000	0.000000	-1168.22	-464.81
1	FID	HRC-S-2	7.05	288	0.170	-0.106	0.005	0.009	0.000000	0.000000	1227.45	-458.99
2	FID	HRC-S-3	7.07	288	0.117	0.006	0.008	0.015	0.000000	0.000000	-1166.65	563.32
3	GUIDE	420754040	9.06	576	-0.023	0.075	0.089	0.164	331.917939	44.882543	2222.03	2256.00
4	GUIDE	472523760	8.24	577	-0.058	-0.091	0.069	0.120	331.645363	45.403260	1734.63	322.69
5	GUIDE	472533912	9.16	575	0.018	0.085	0.118	0.190	331.791136	46.368695	-539.06	-2335.23
6	GUIDE	472655152	9.42	576	0.002	-0.155	0.111	0.180	332.504239	45.862991	-988.88	166.56
7	GUIDE	472665256	9.00	576	0.067	0.108	0.078	0.126	332.808125	46.195041	-2286.75	-397.61

2.4 Star Slots

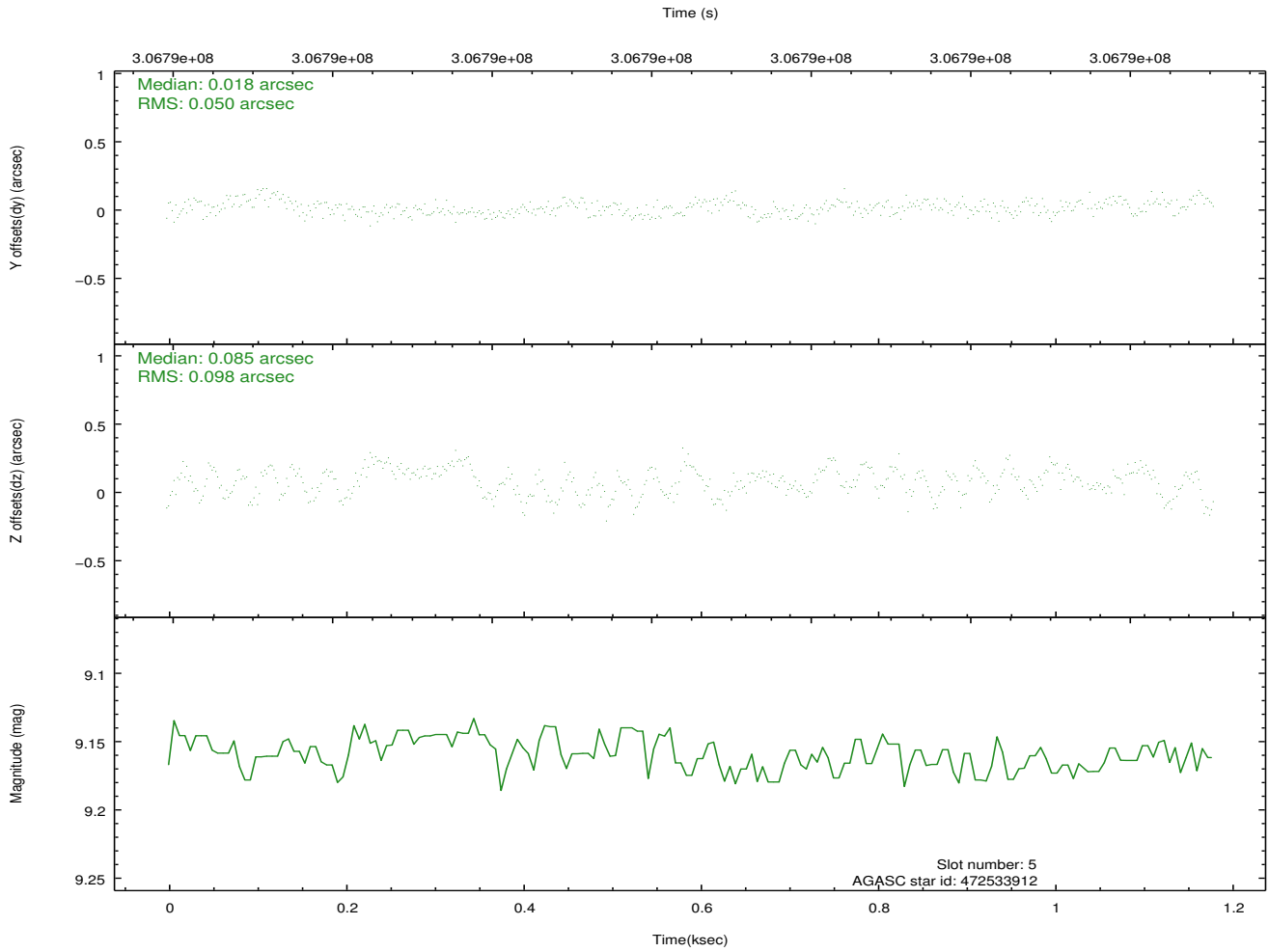
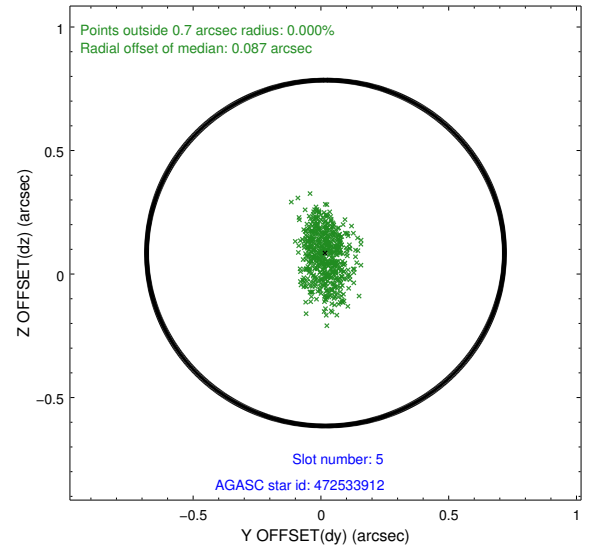
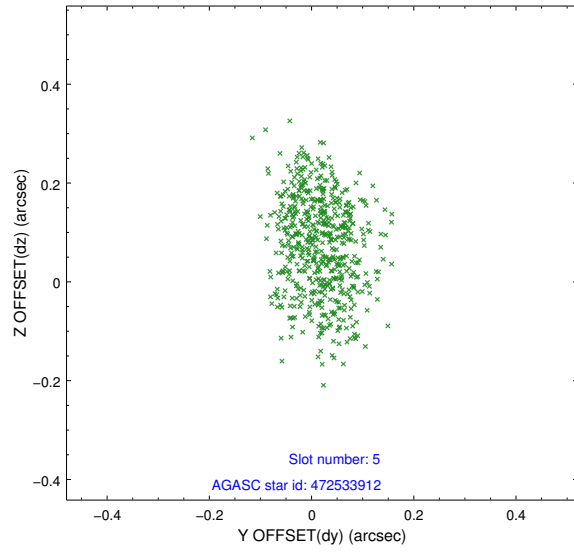
2.4.1 Slot 3



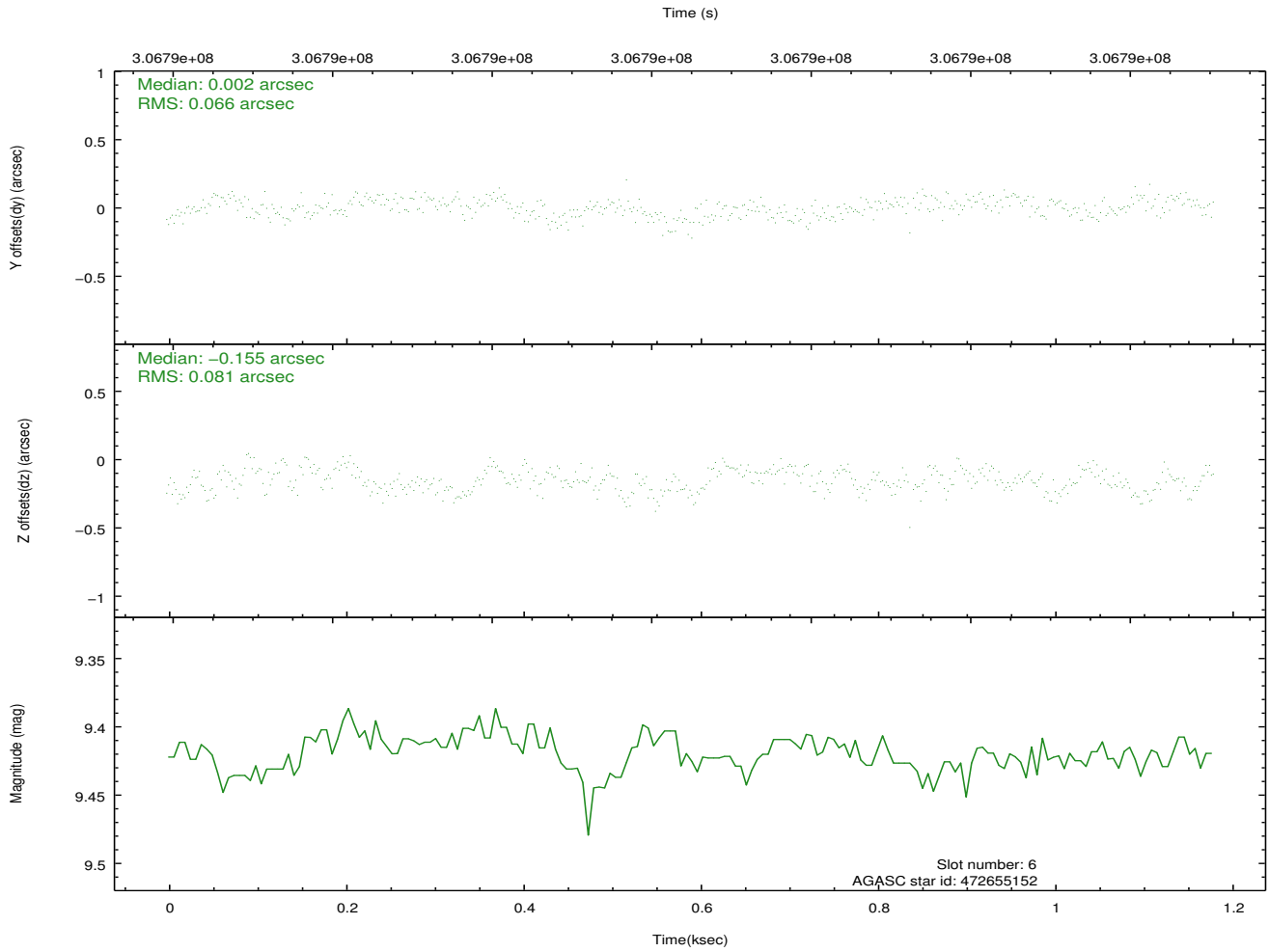
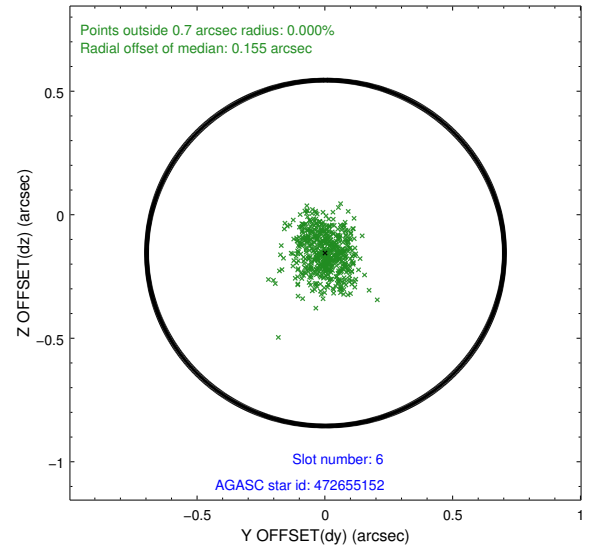
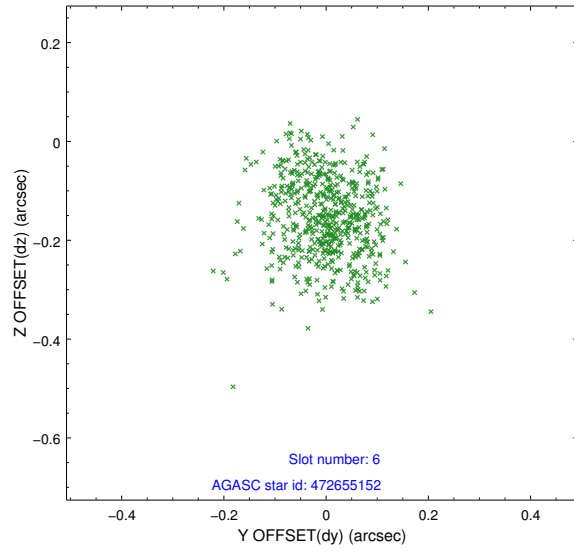
2.4.2 Slot 4



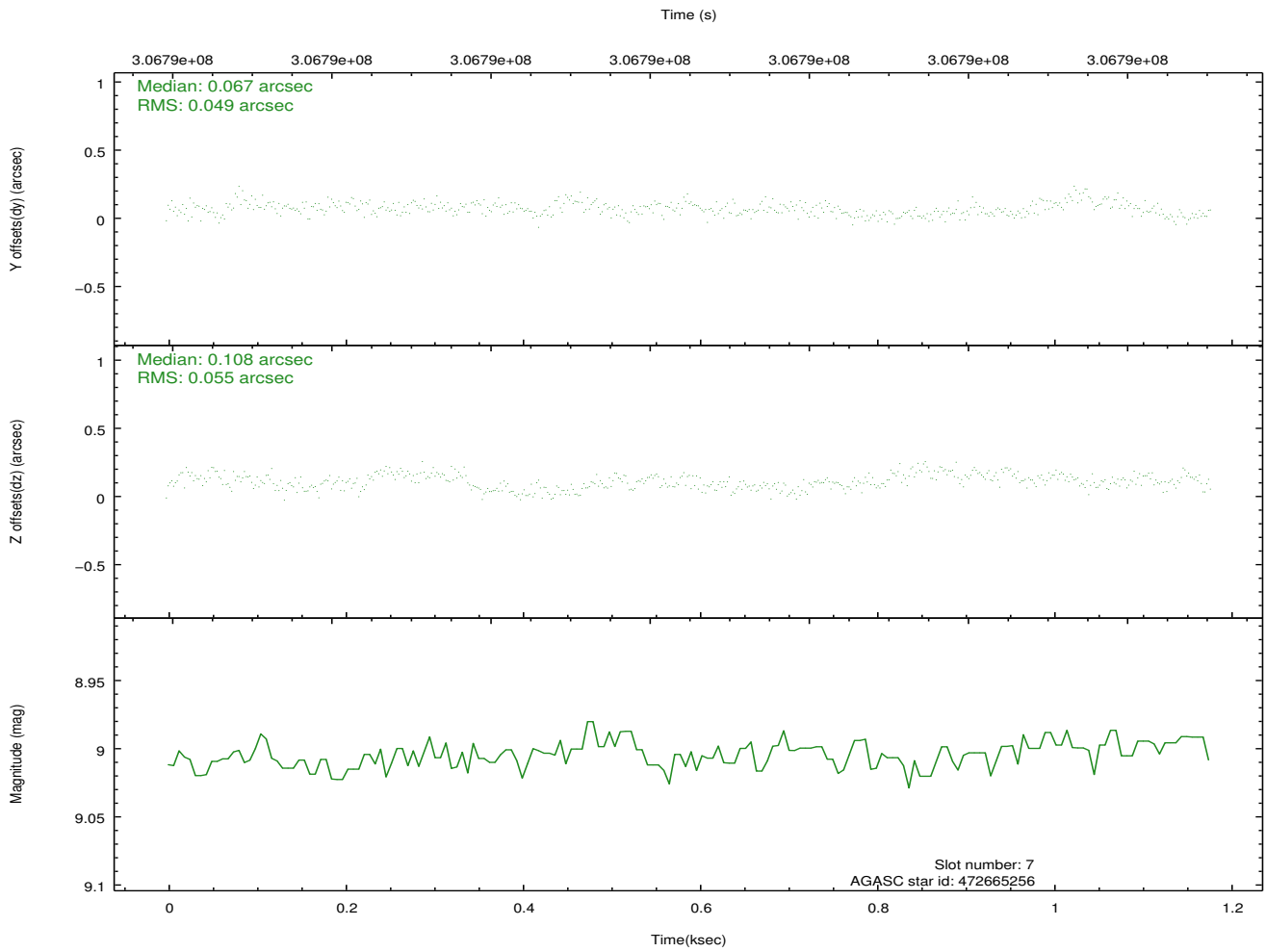
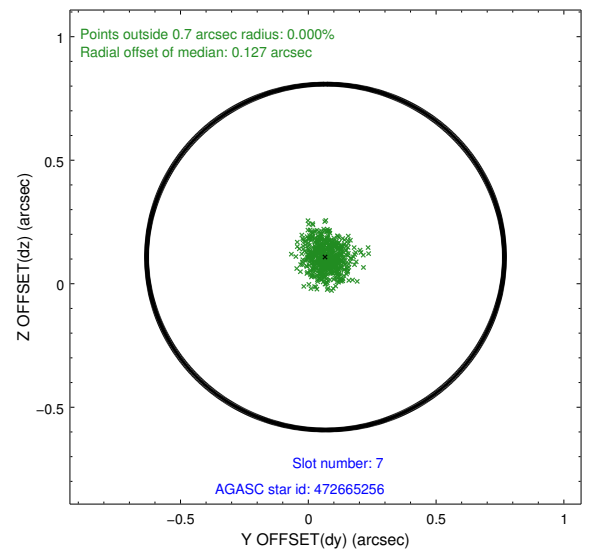
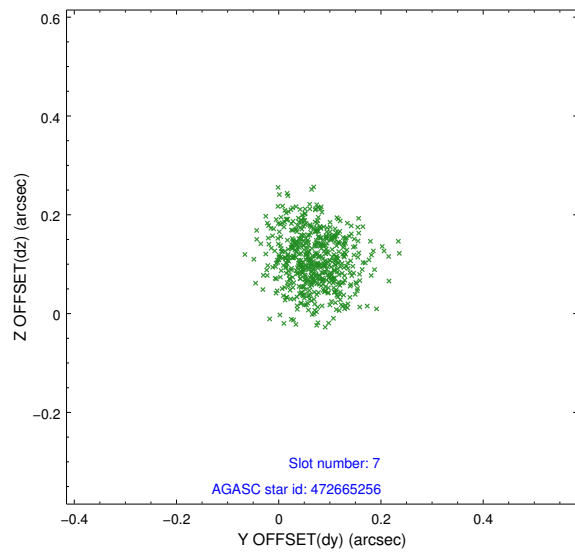
2.4.3 Slot 5



2.4.4 Slot 6

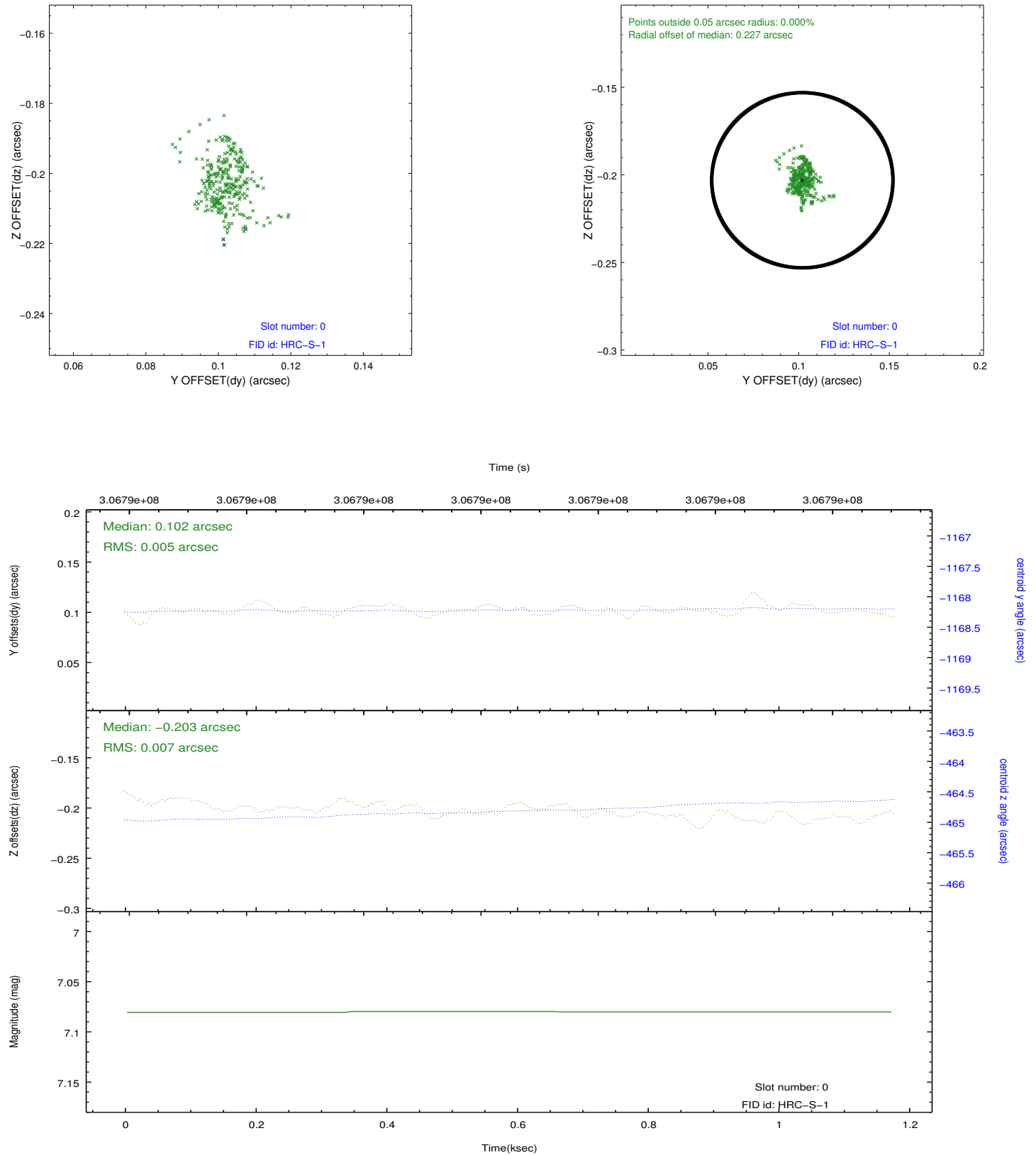


2.4.5 Slot 7

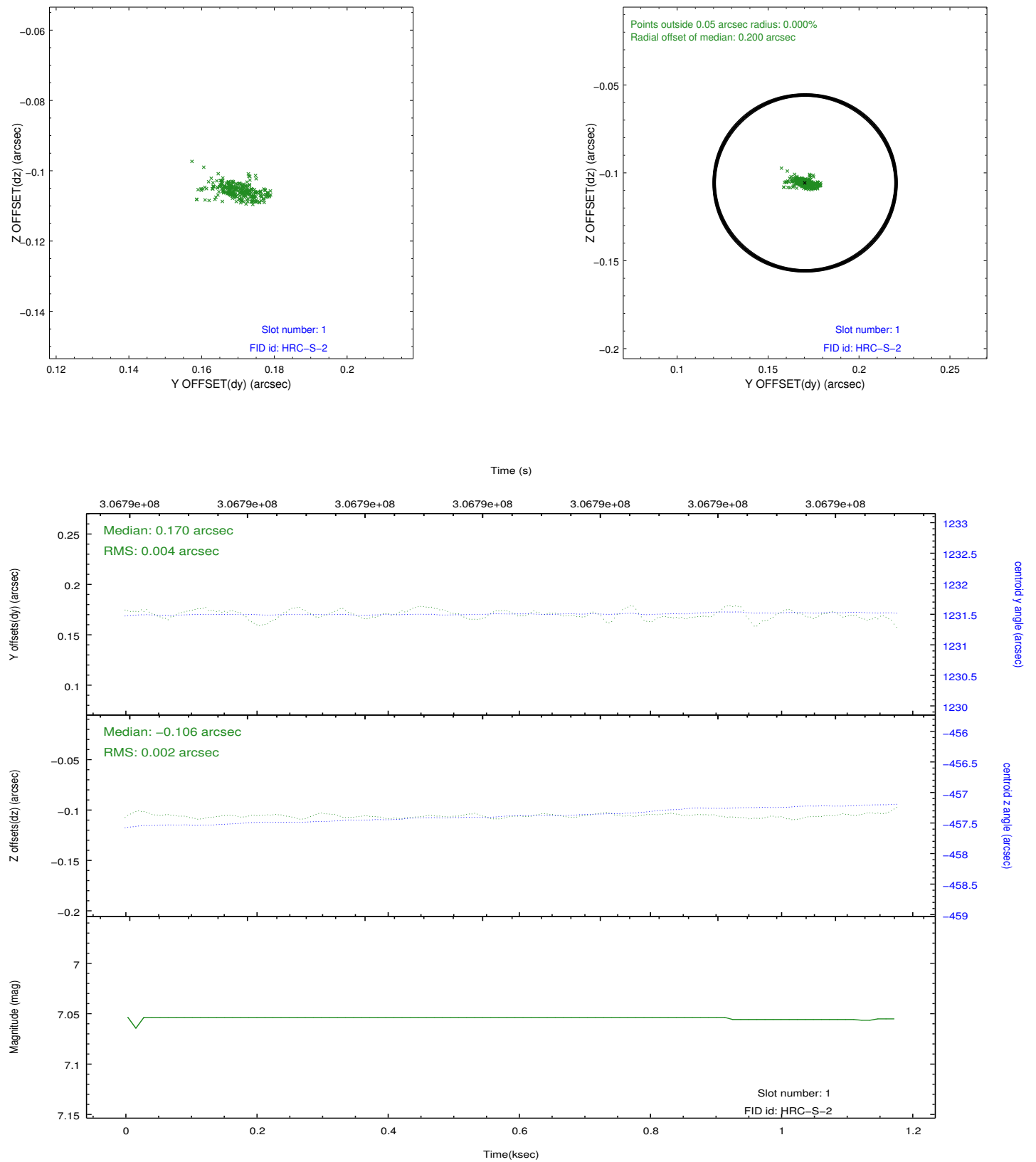


2.5 FID Slots

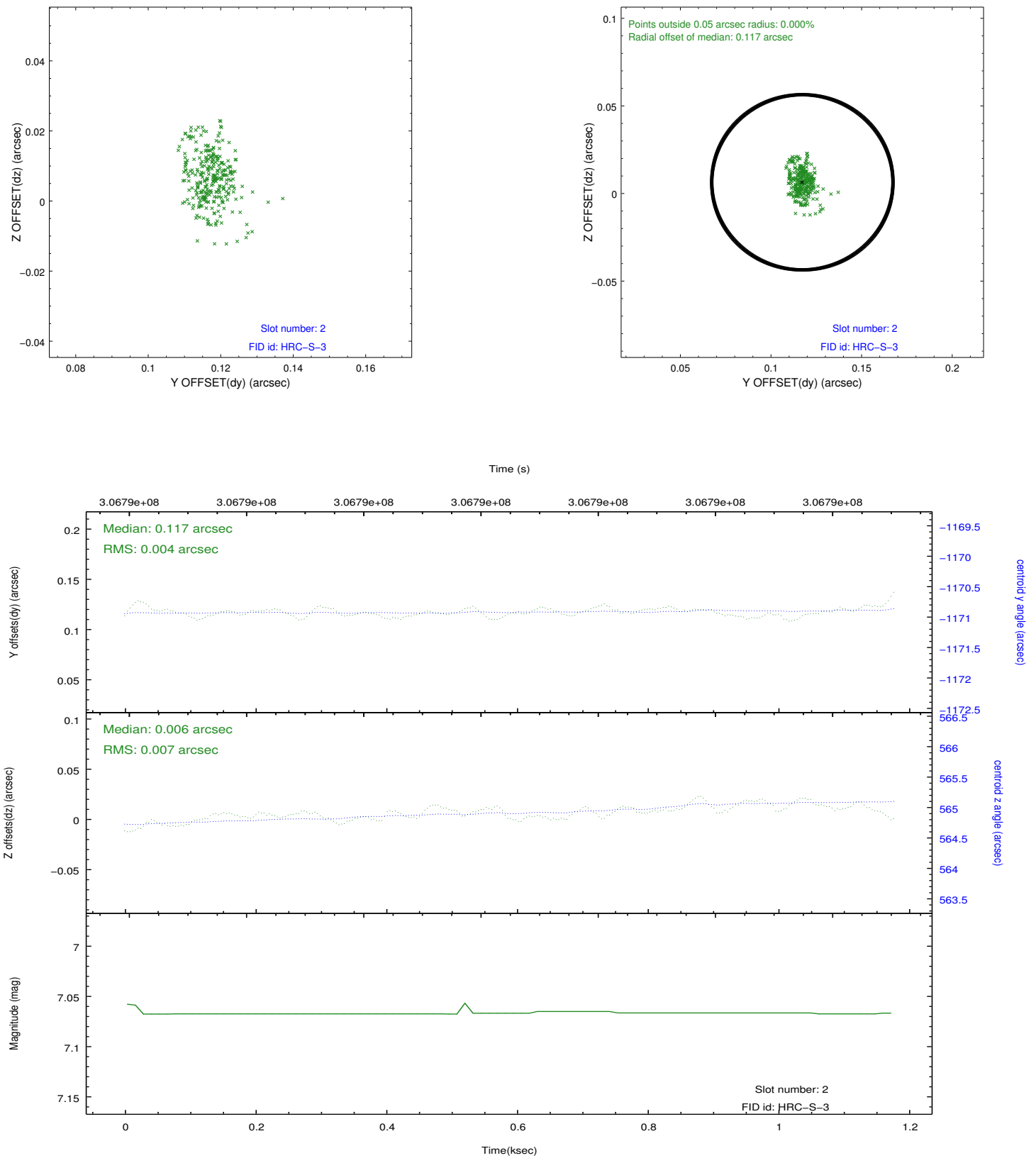
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1513313

A.2 Comments