

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10612 - L2 Version 3
Chandra X-Ray Center

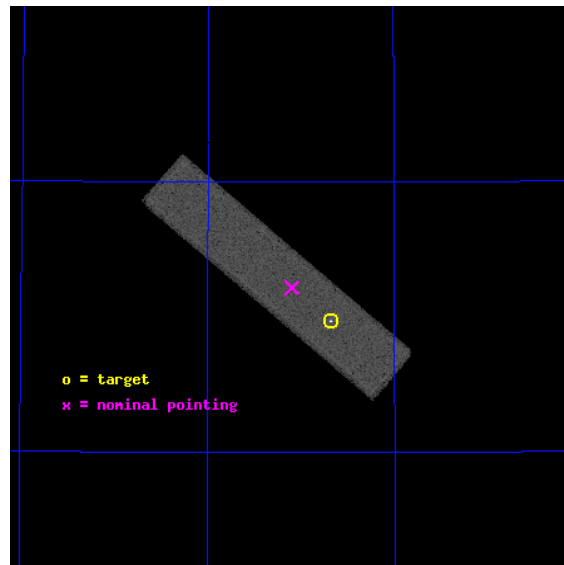
L2 Processing Date : Aug 13 2012

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1 Front

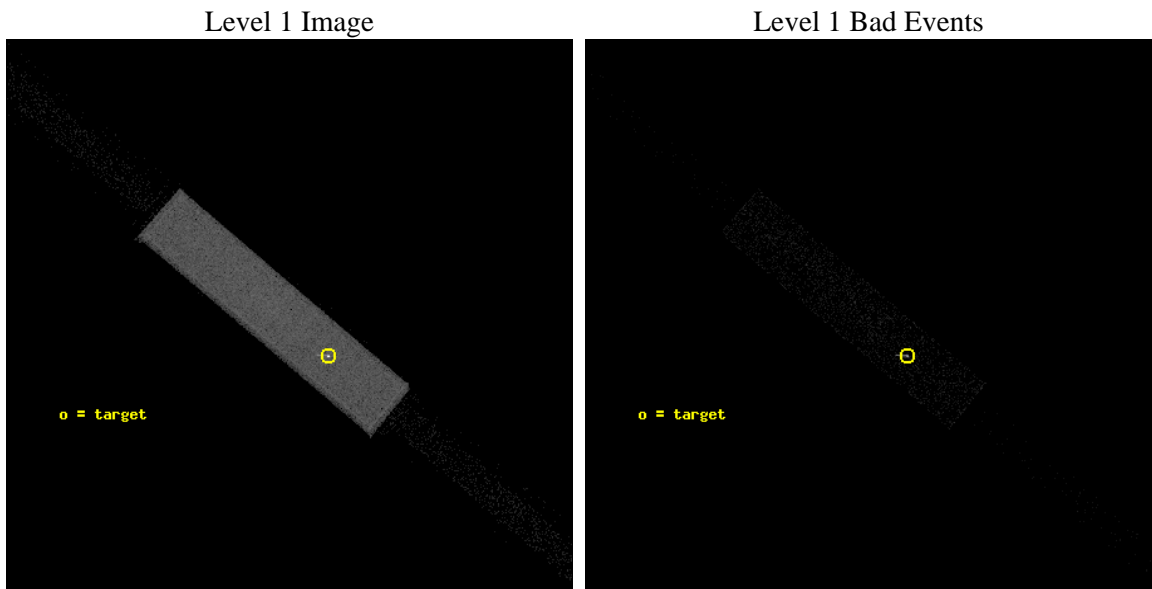
seq_num	290848	Sequence number
obs_id	10612	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.27435969202	Nominal RA [deg]
dec_nom	45.804281699149	Nominal Dec [deg]
roll_nom	220.15723882253	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1179.7750592828	[s]
livetime	1168.2181495751	Ontime multiplied by DTCOR
l2events	84255	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	1179.7750592828	[s]
caldsver	4.5.1.1	 	l1events	128819	Number of level 1 events
date	2012-08-13T16:35:13	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

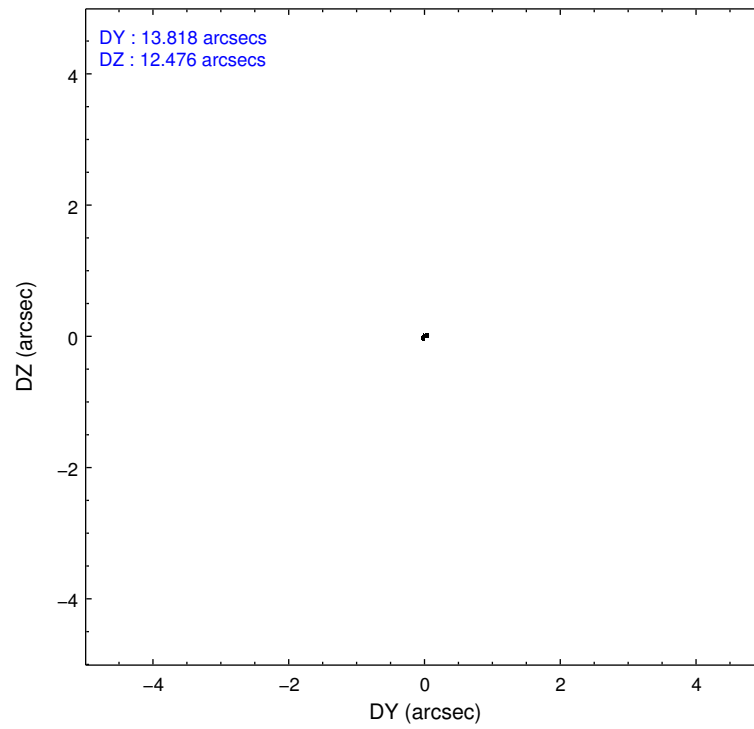
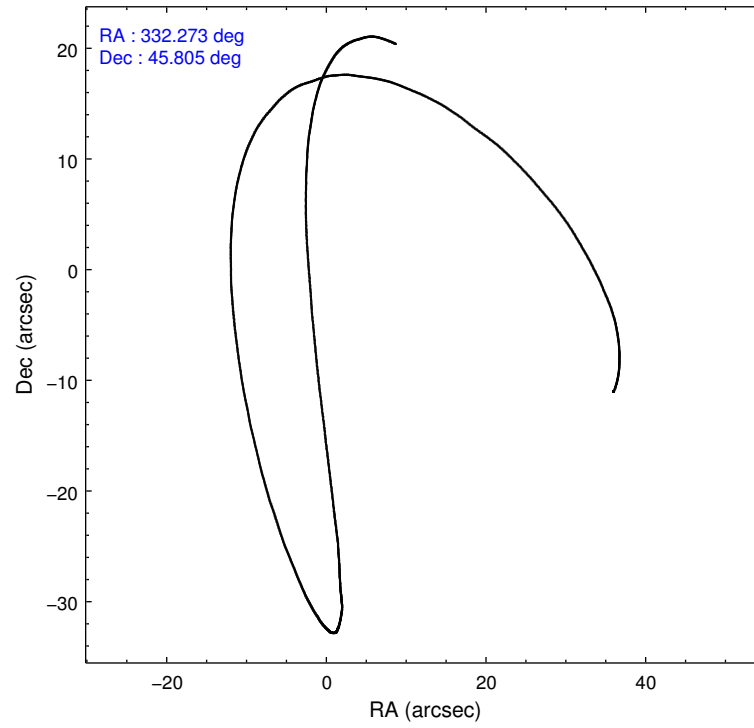
	segment 1	segment 2	segment 3
level 1 events	1008	126737	1074
rejected events	1008	26765	1074
rejected %	100%	21%	100%

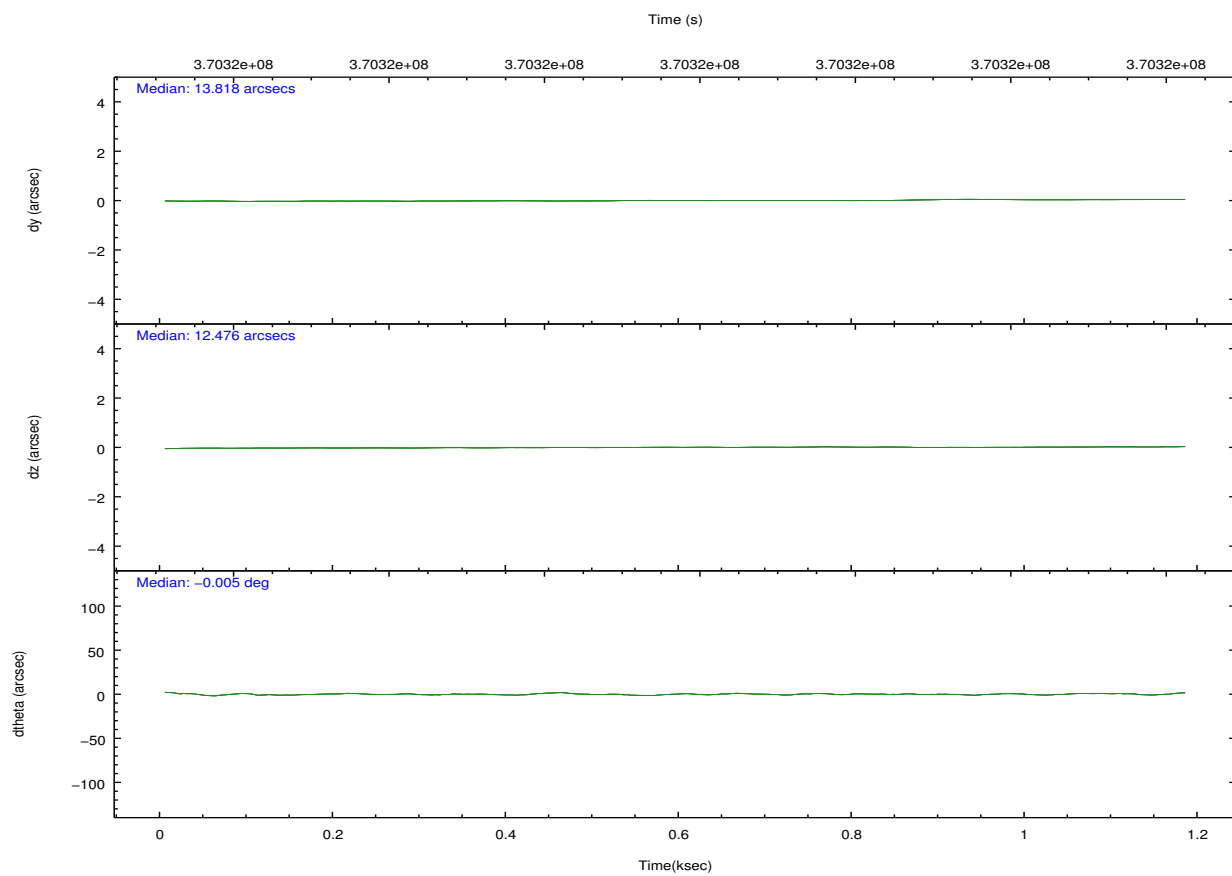
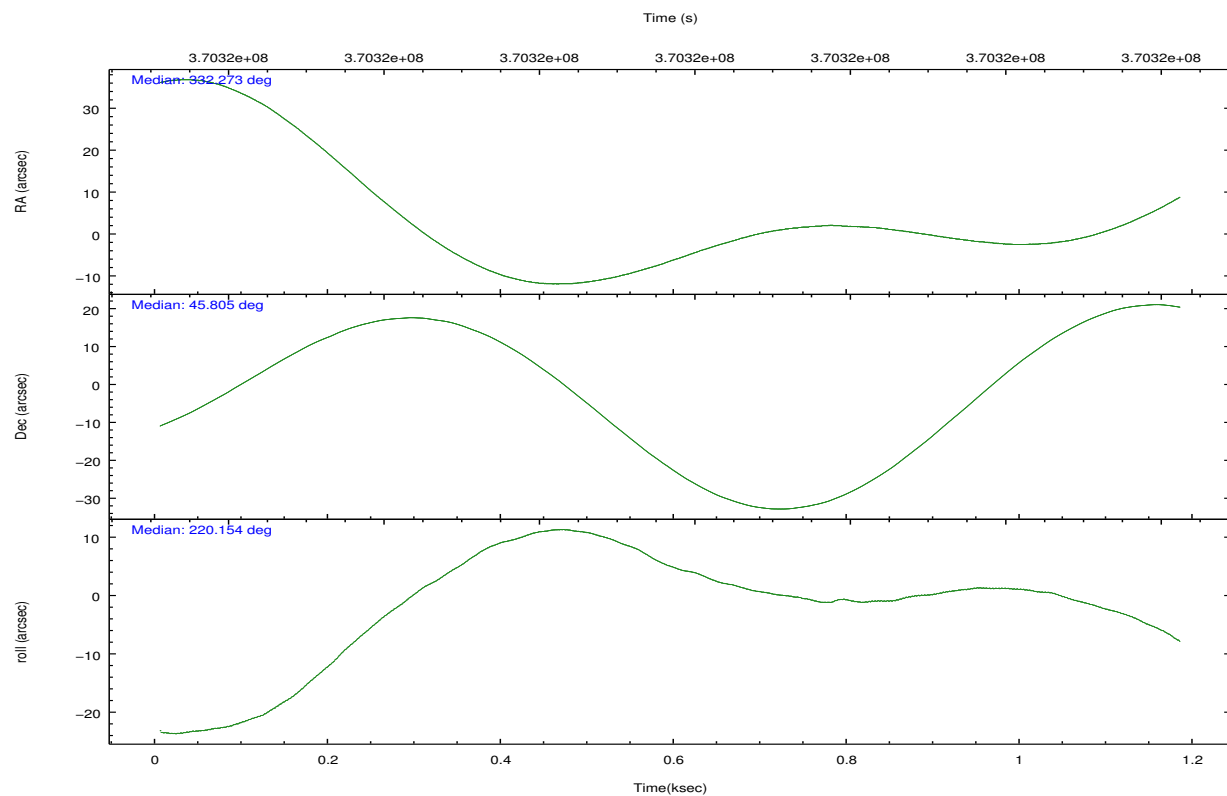
2.2 Compared Parameters

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	332.286381	332.2743596920239
[deg] Pointing Dec	45.831194	45.80428169914946
[deg] Pointing Roll	220.081251	220.1572388225349
[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)	370322363.184000	370321987.16481
Observation start date	2009-09-26T03:18:17	2009-09-26T03:13:07
[s] Observation end time (MET)	370323363.184000	370323496.98989
Observation end date	2009-09-26T03:34:57	2009-09-26T03:38:16

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

2.3 Aspect



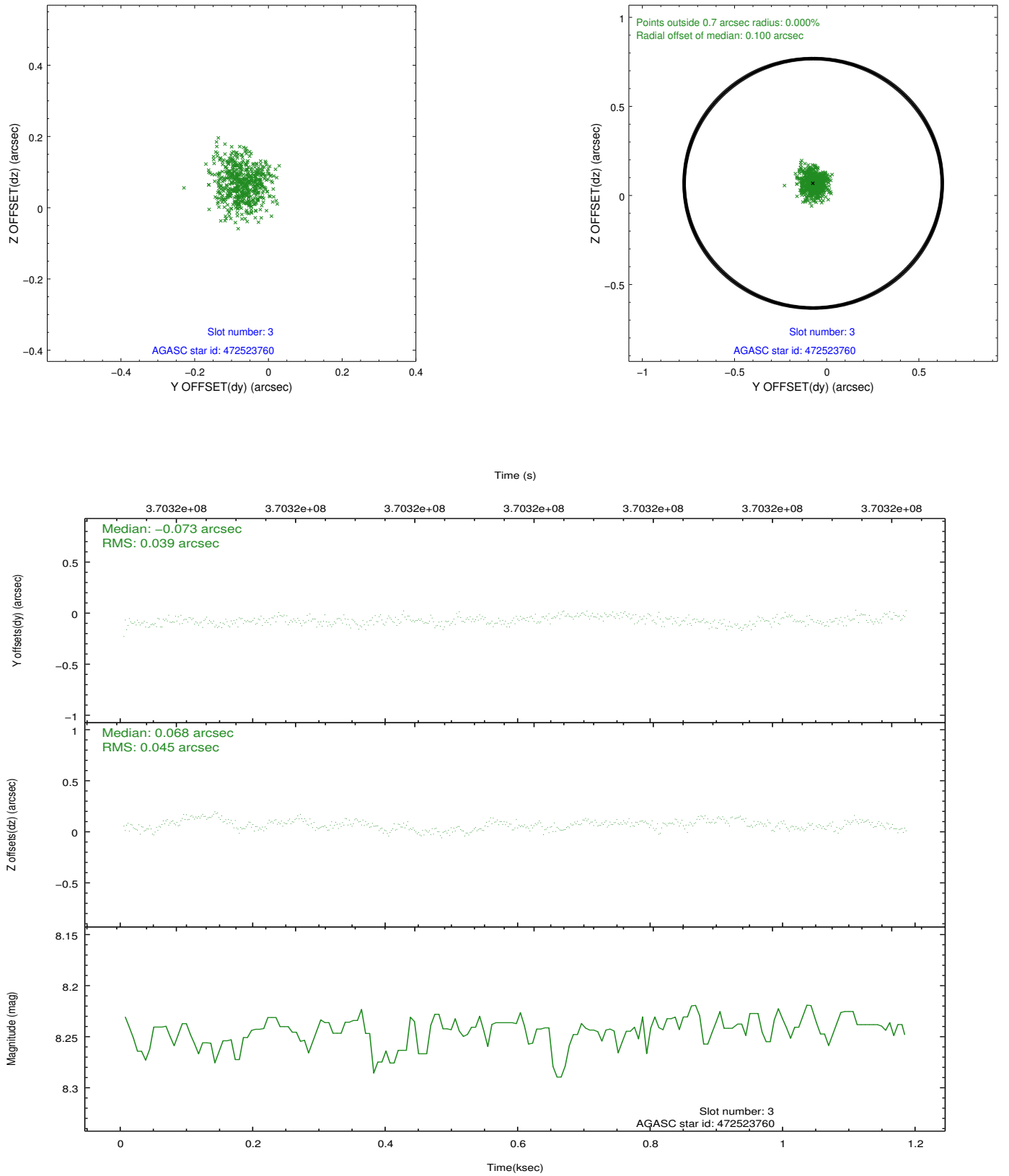


Slot Statistics

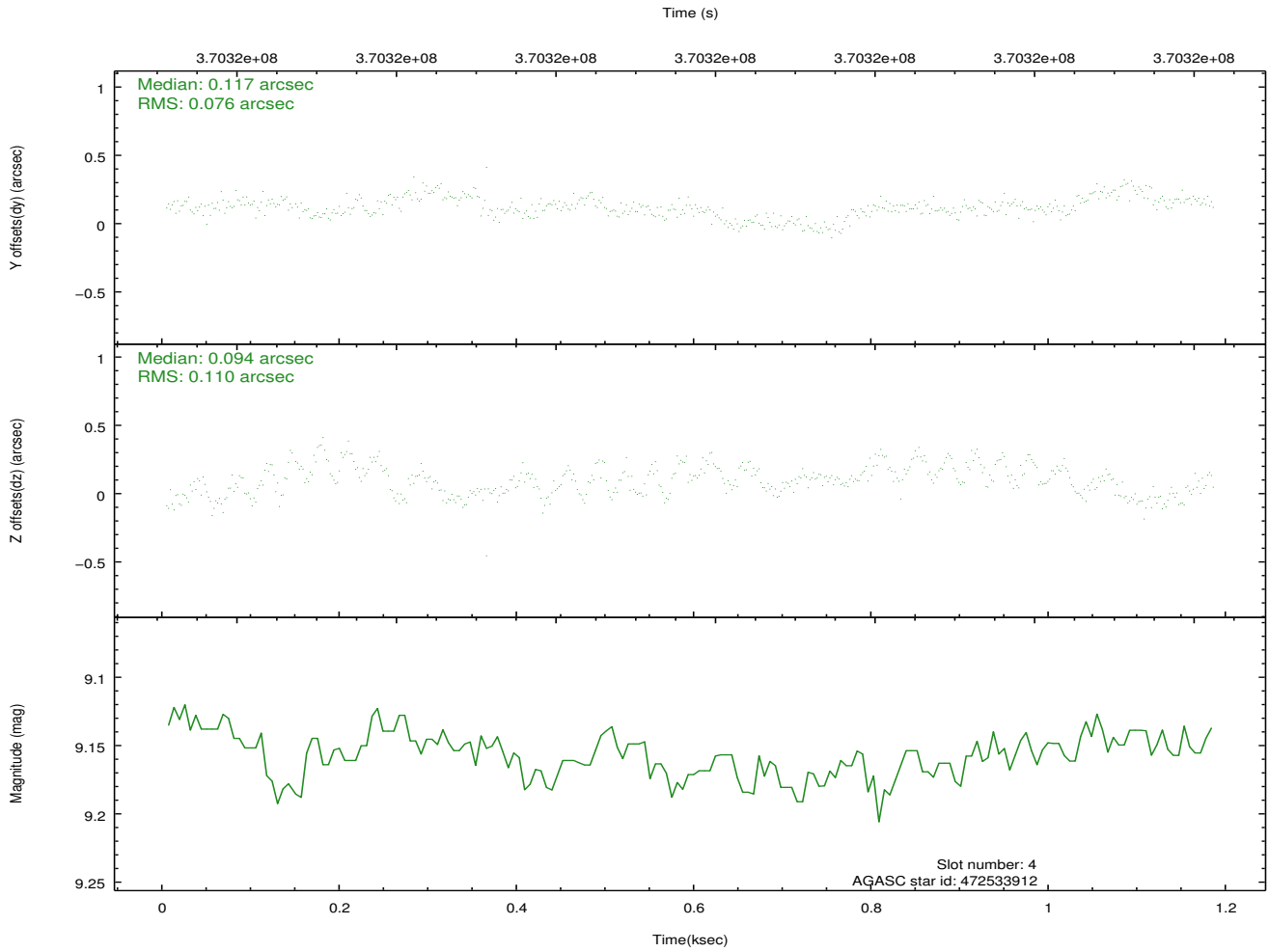
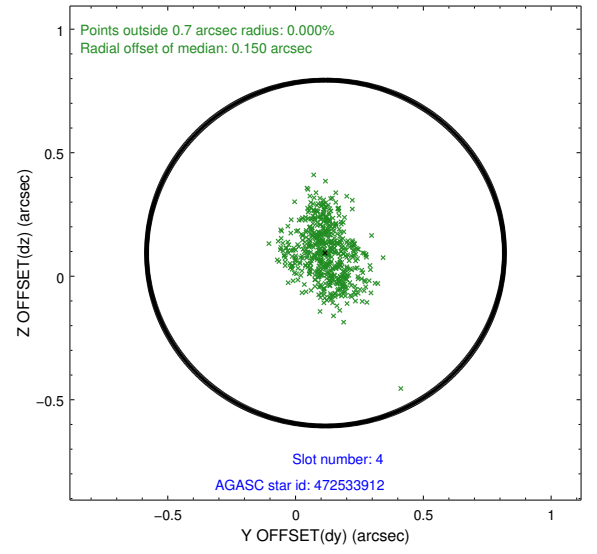
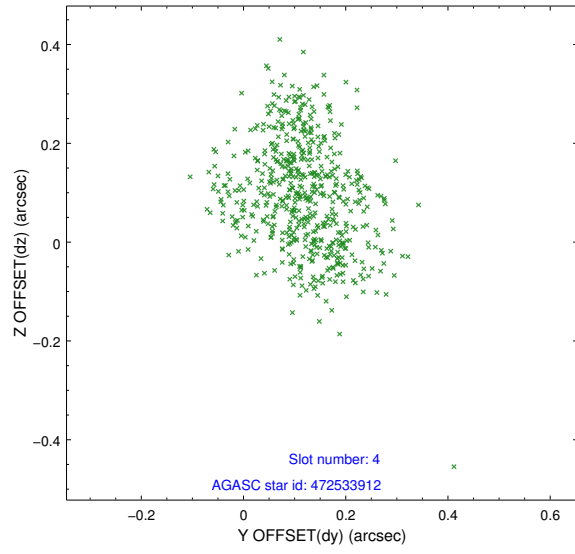
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	288	0.072	-0.126	0.008	0.014	0.000000	0.000000	-1168.18	-461.24
1	FID	HRC-S-2	6.97	288	0.210	-0.110	0.005	0.010	0.000000	0.000000	1227.55	-455.41
2	FID	HRC-S-3	6.99	288	0.107	-0.067	0.008	0.014	0.000000	0.000000	-1166.63	566.76
3	GUIDE	472523760	8.24	575	-0.073	0.068	0.064	0.101	331.645363	45.403260	2229.15	132.51
4	GUIDE	472533912	9.16	576	0.117	0.094	0.146	0.218	331.791136	46.368695	-301.31	-2273.48
5	GUIDE	472651904	6.08	577	-0.144	-0.278	0.076	0.126	332.170077	45.742257	430.67	53.57
6	GUIDE	472655152	9.43	576	0.064	-0.035	0.137	0.216	332.504239	45.862991	-489.62	265.41
7	GUIDE	472665256	9.02	576	0.042	0.160	0.087	0.137	332.808125	46.195041	-1840.06	-166.08

2.4 Star Slots

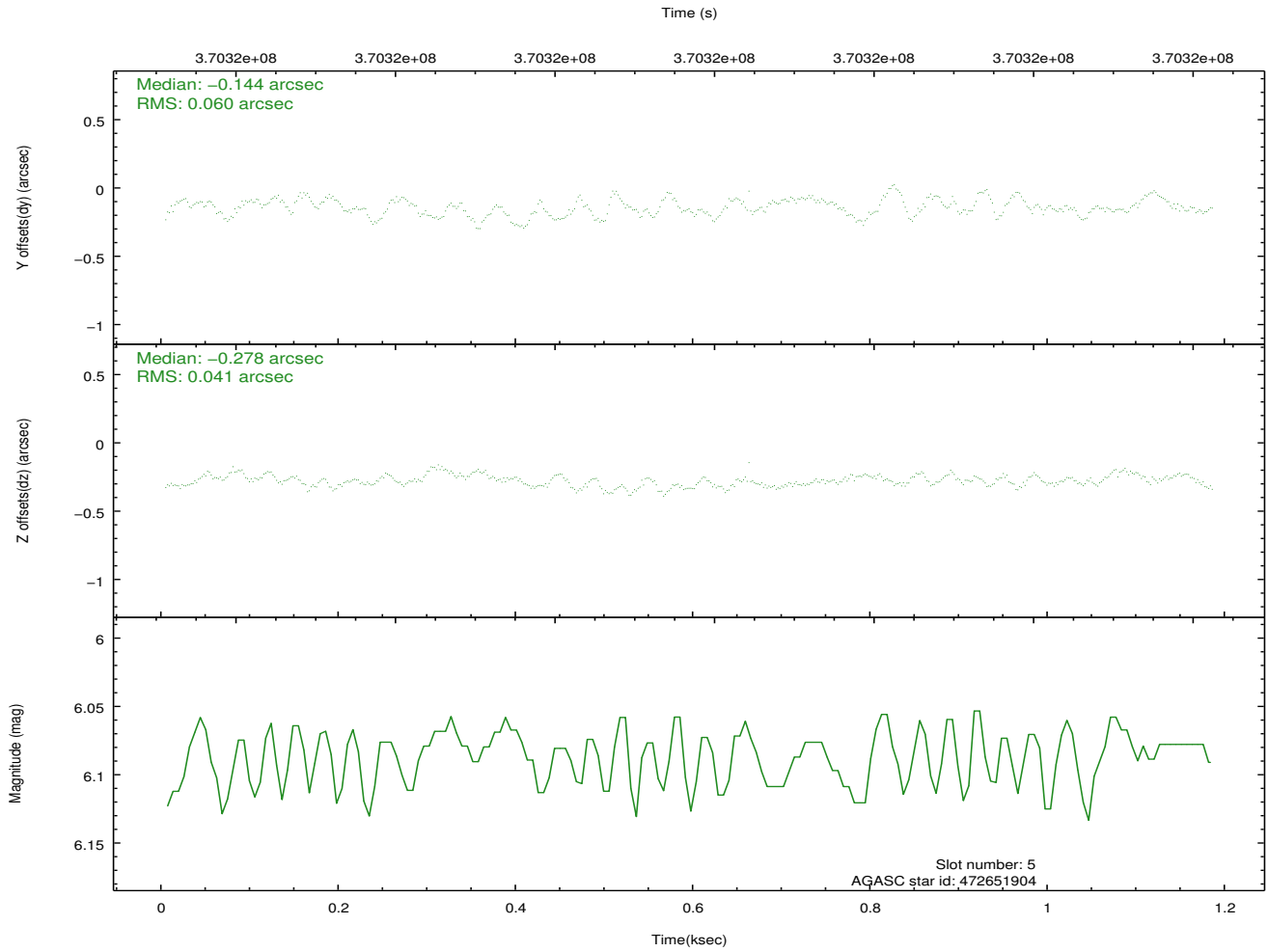
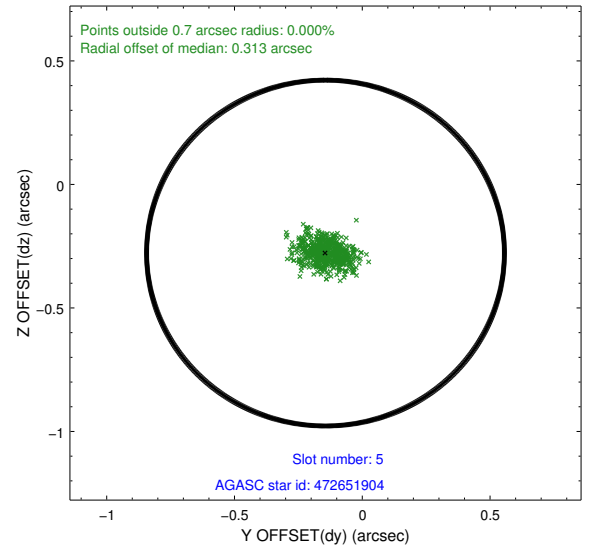
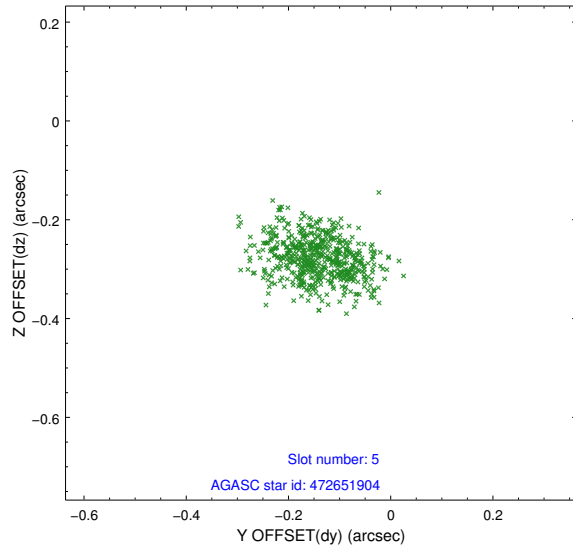
2.4.1 Slot 3



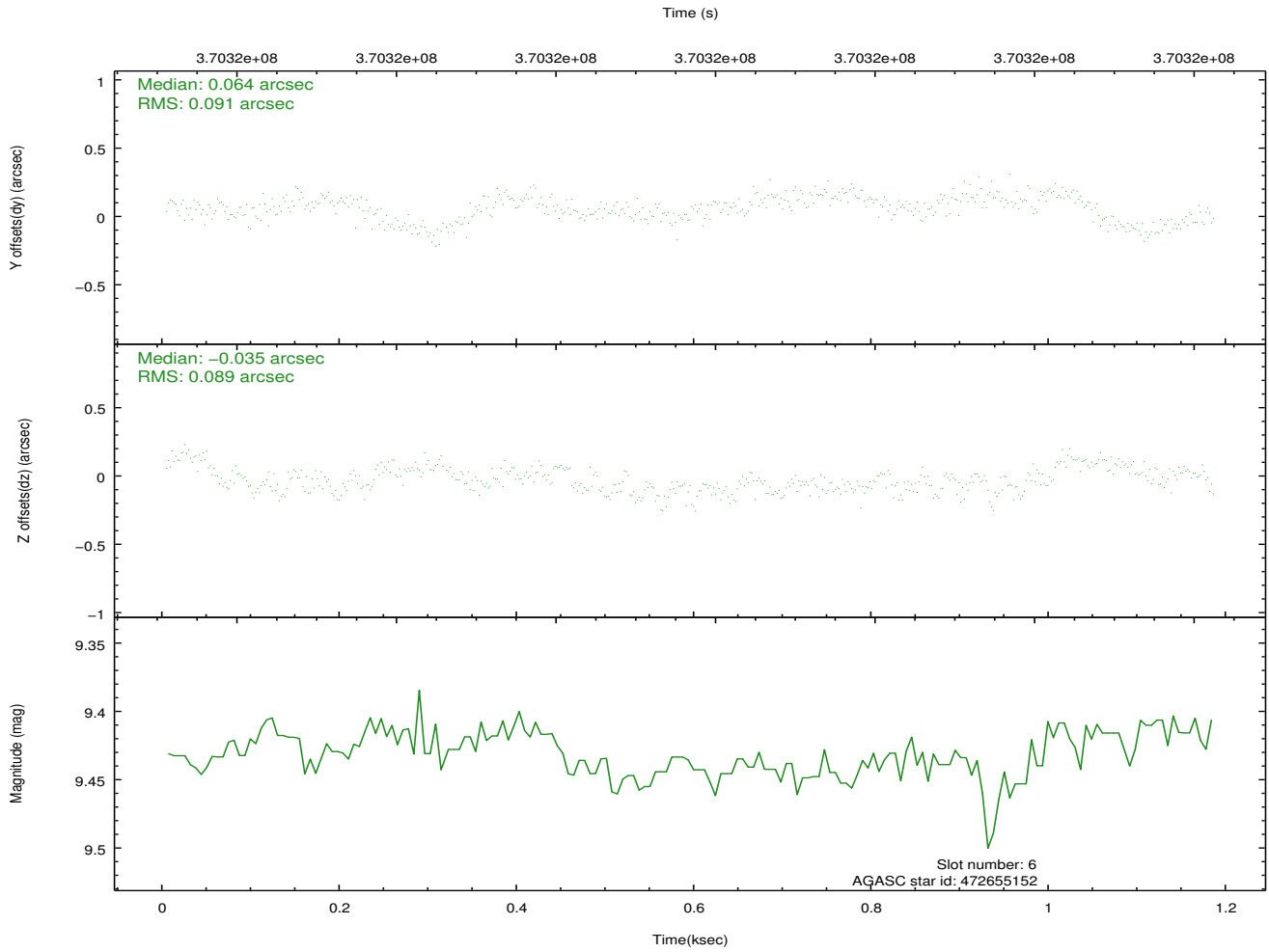
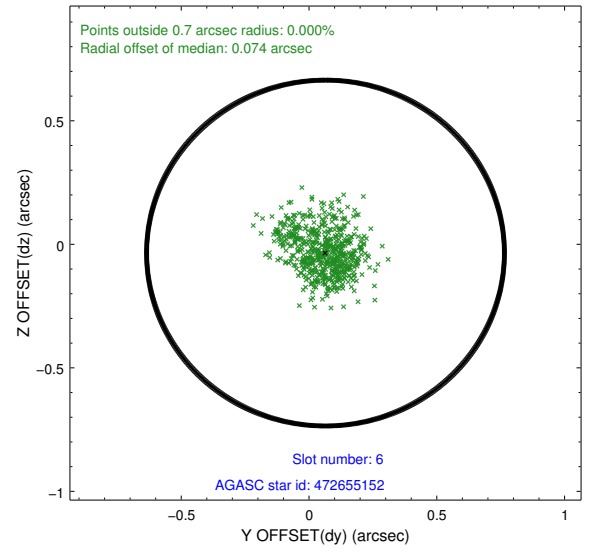
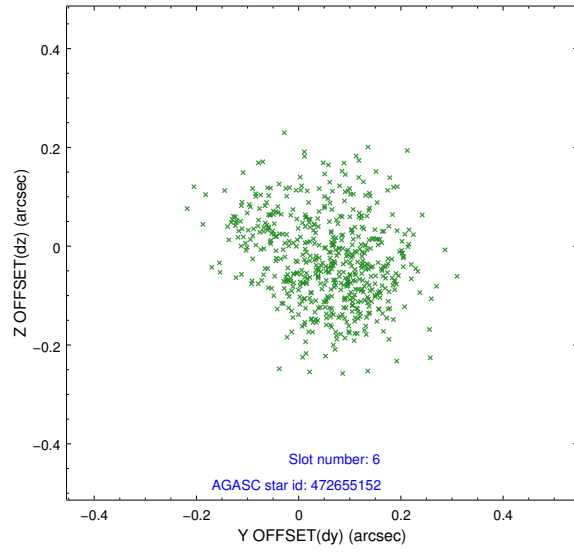
2.4.2 Slot 4



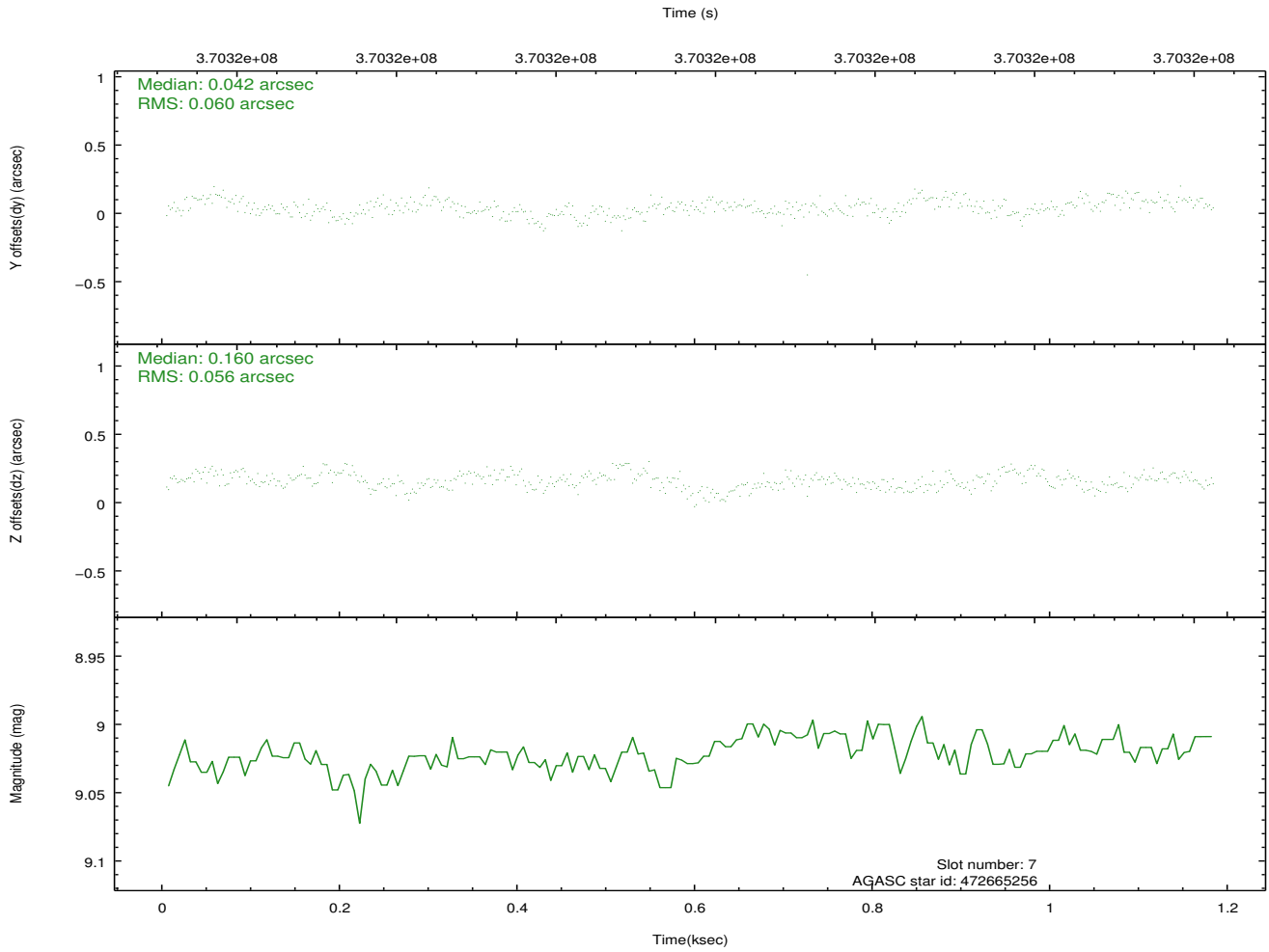
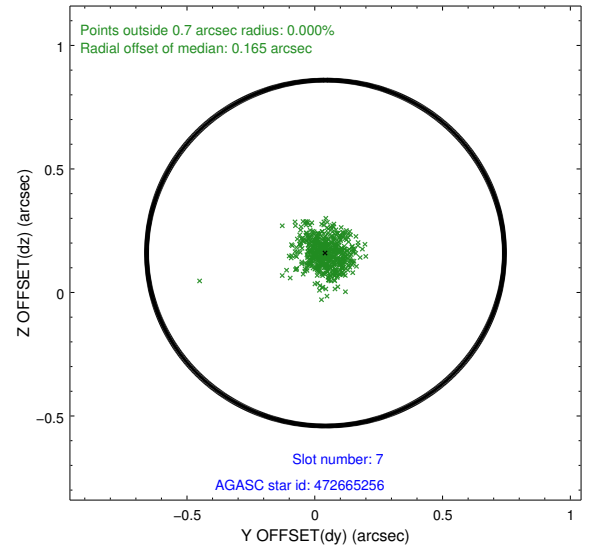
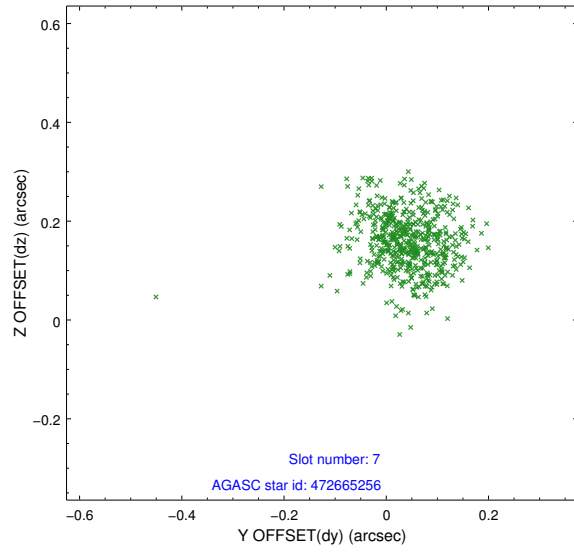
2.4.3 Slot 5



2.4.4 Slot 6

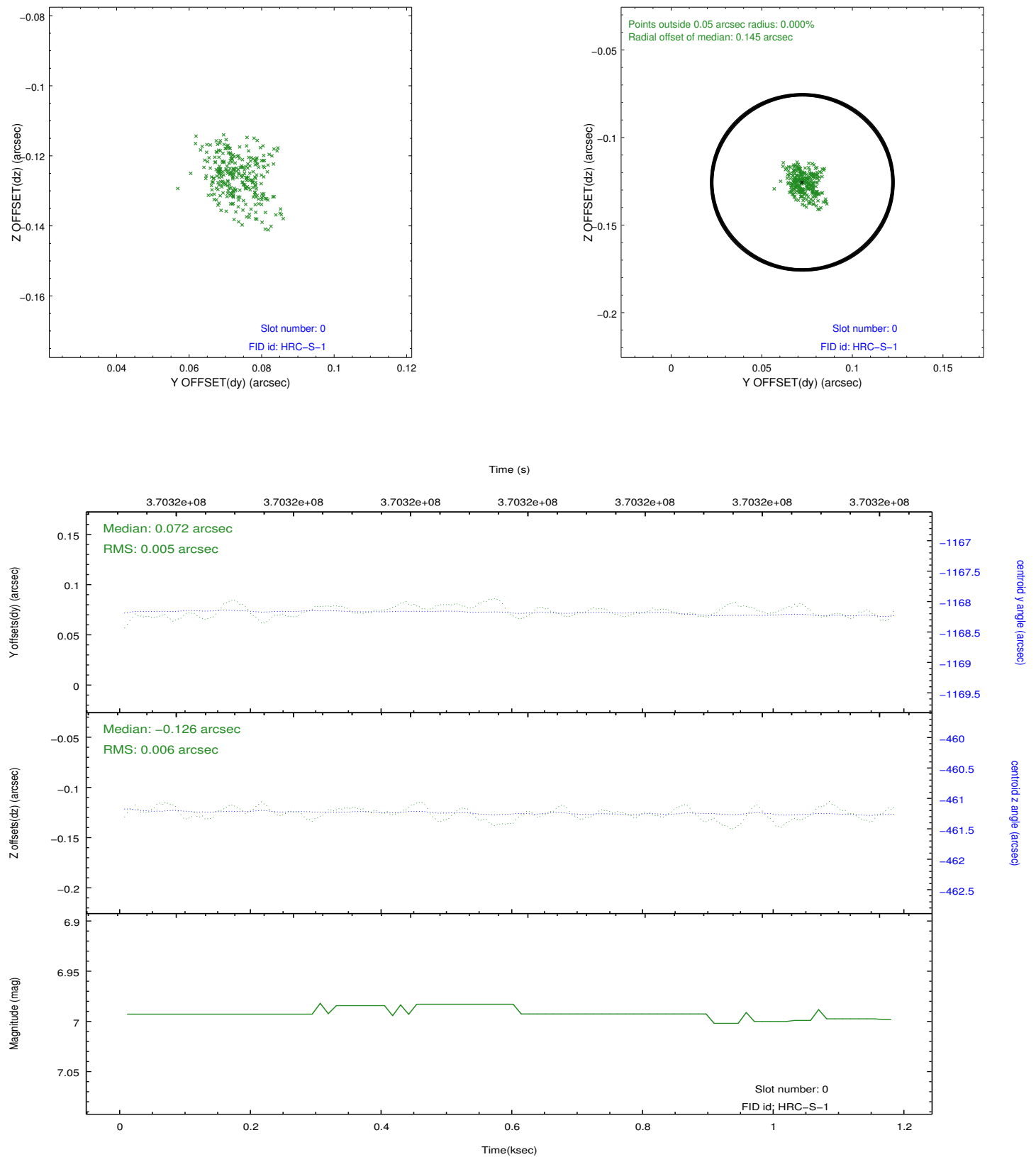


2.4.5 Slot 7

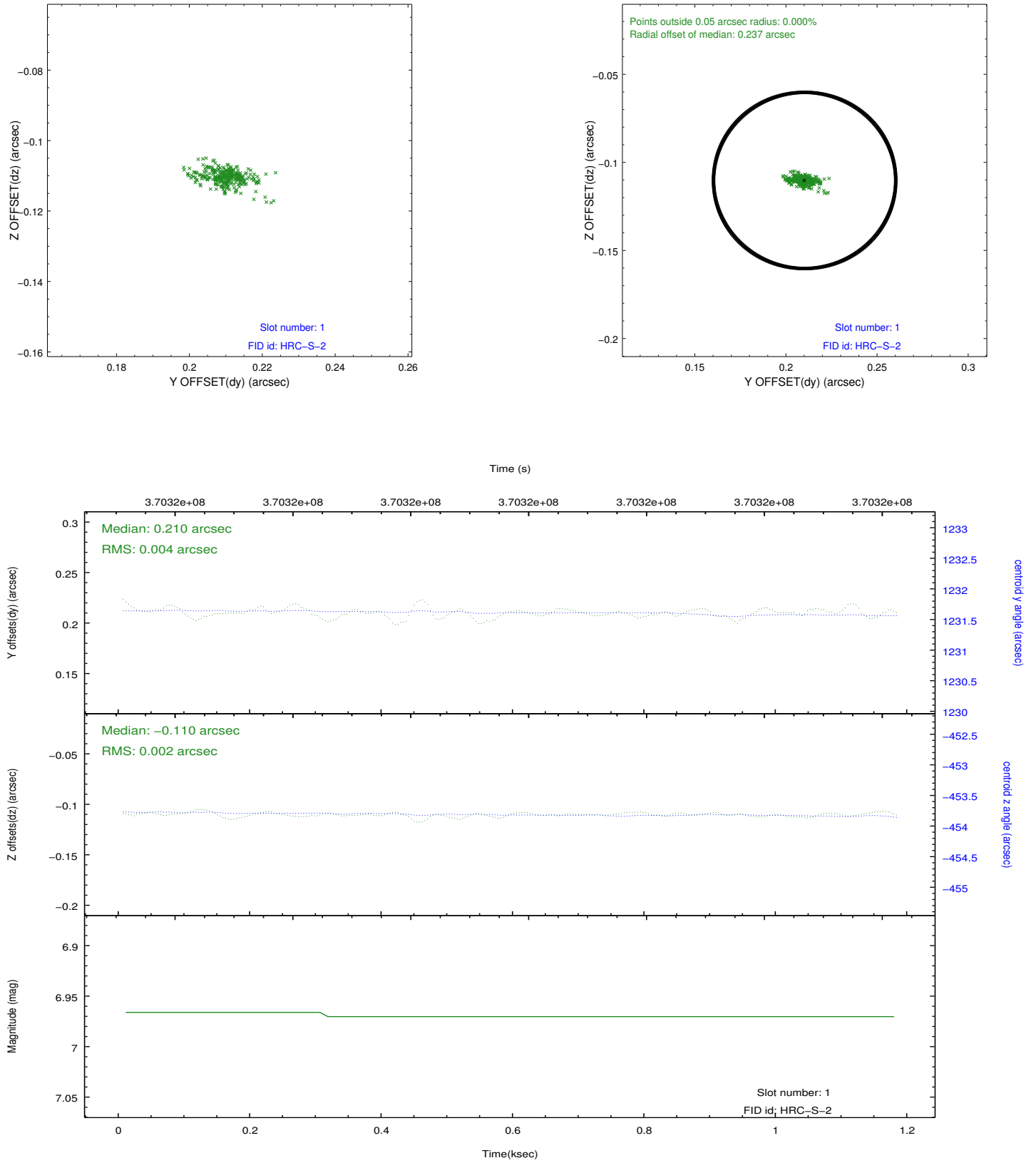


2.5 FID Slots

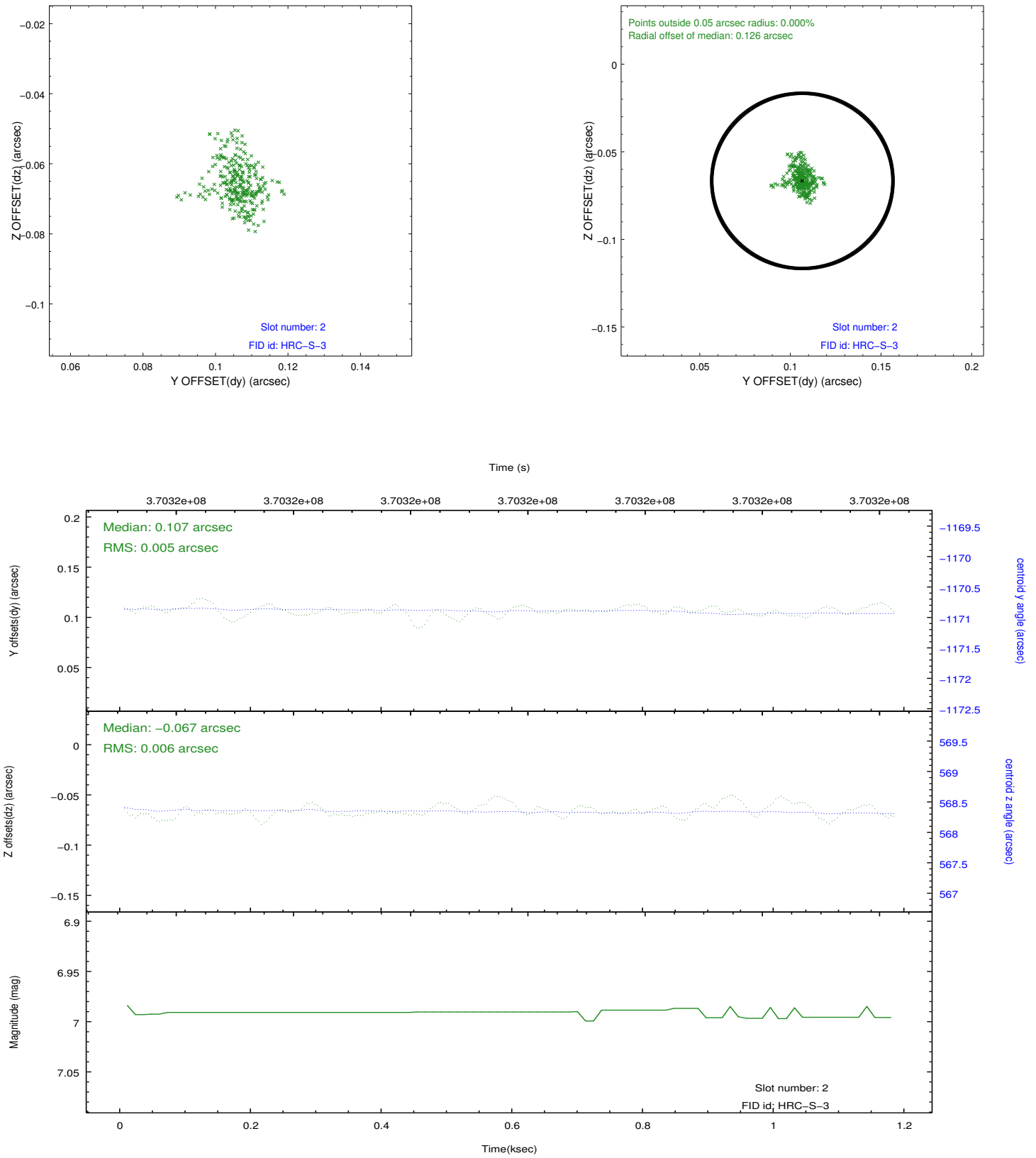
2.5.1 Slot 0



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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.179775059104

A.2 Comments