

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8326 - L2 Version 3
Chandra X-Ray Center

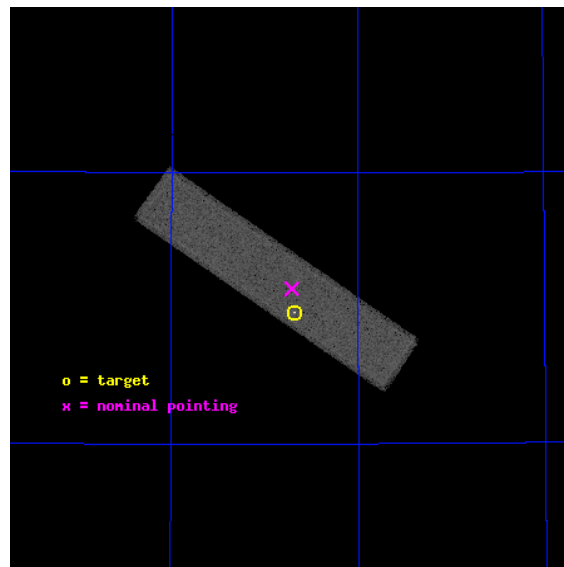
L2 Processing Date : Aug 12 2012

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1 Front

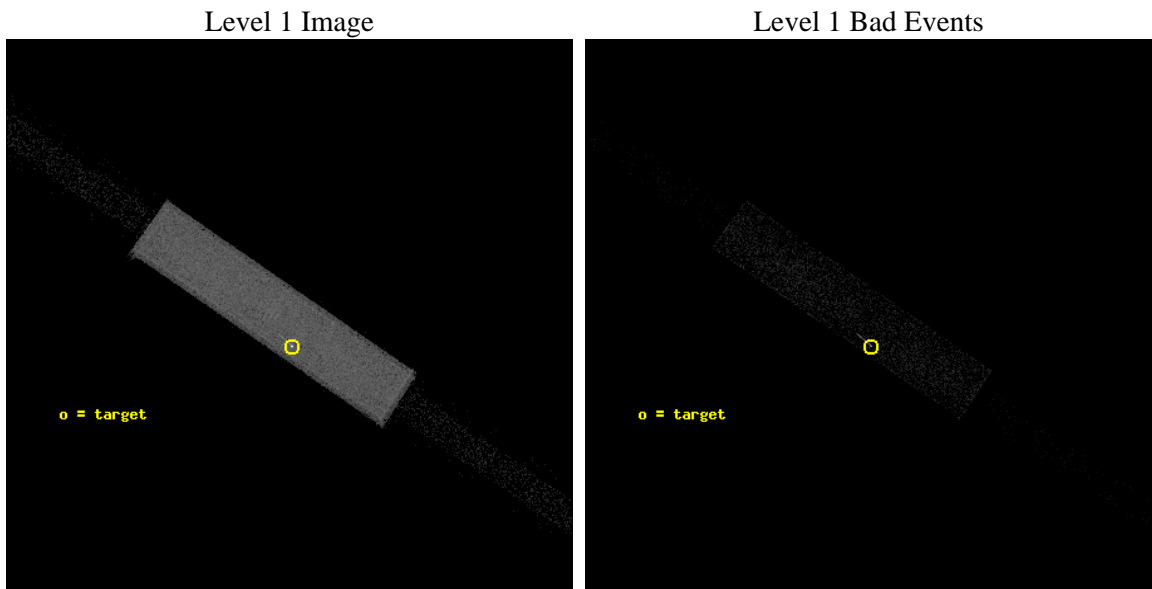
seq_num	290705	Sequence number
obs_id	8326	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.17724925157	Nominal RA [deg]
dec_nom	45.786401600316	Nominal Dec [deg]
roll_nom	214.32028741921	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1157.481305778	[s]
livetime	1146.9564006291	Ontime multiplied by DTCOR
l2events	75720	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	1157.481305778	[s]
caldbver	4.5.1.1	 	l1events	122771	Number of level 1 events
date	2012-08-12T03:28:38	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

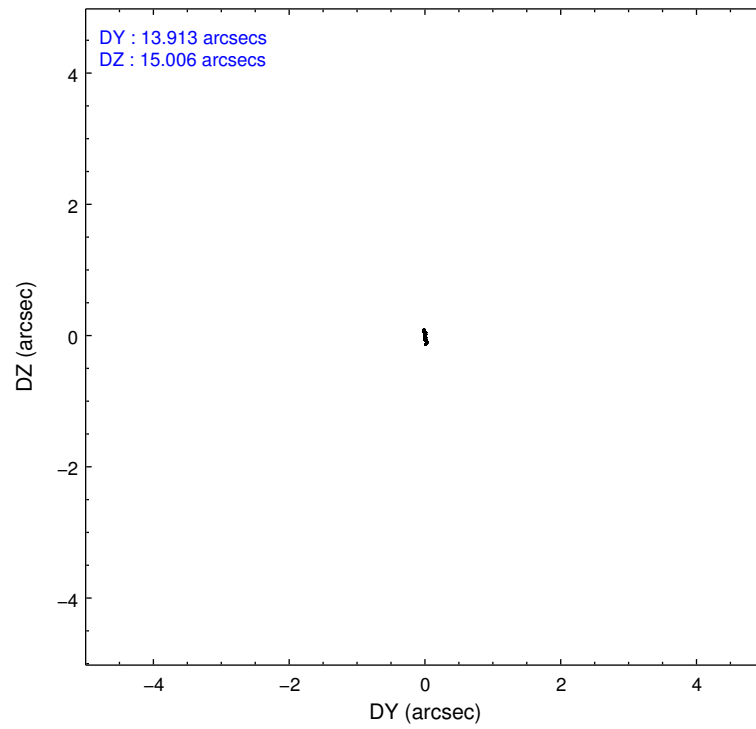
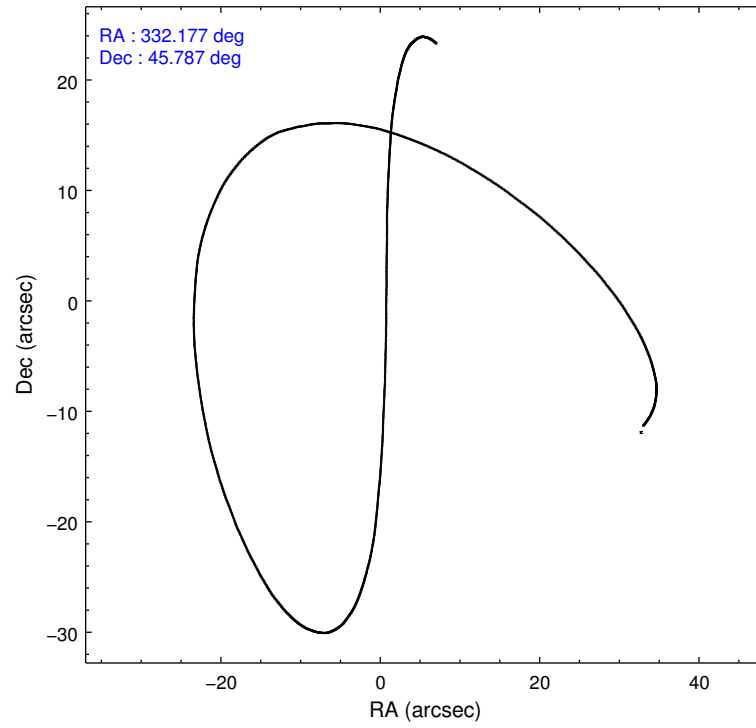
	segment 1	segment 2	segment 3
level 1 events	1397	120053	1321
rejected events	1397	29970	1321
rejected %	100%	24%	100%

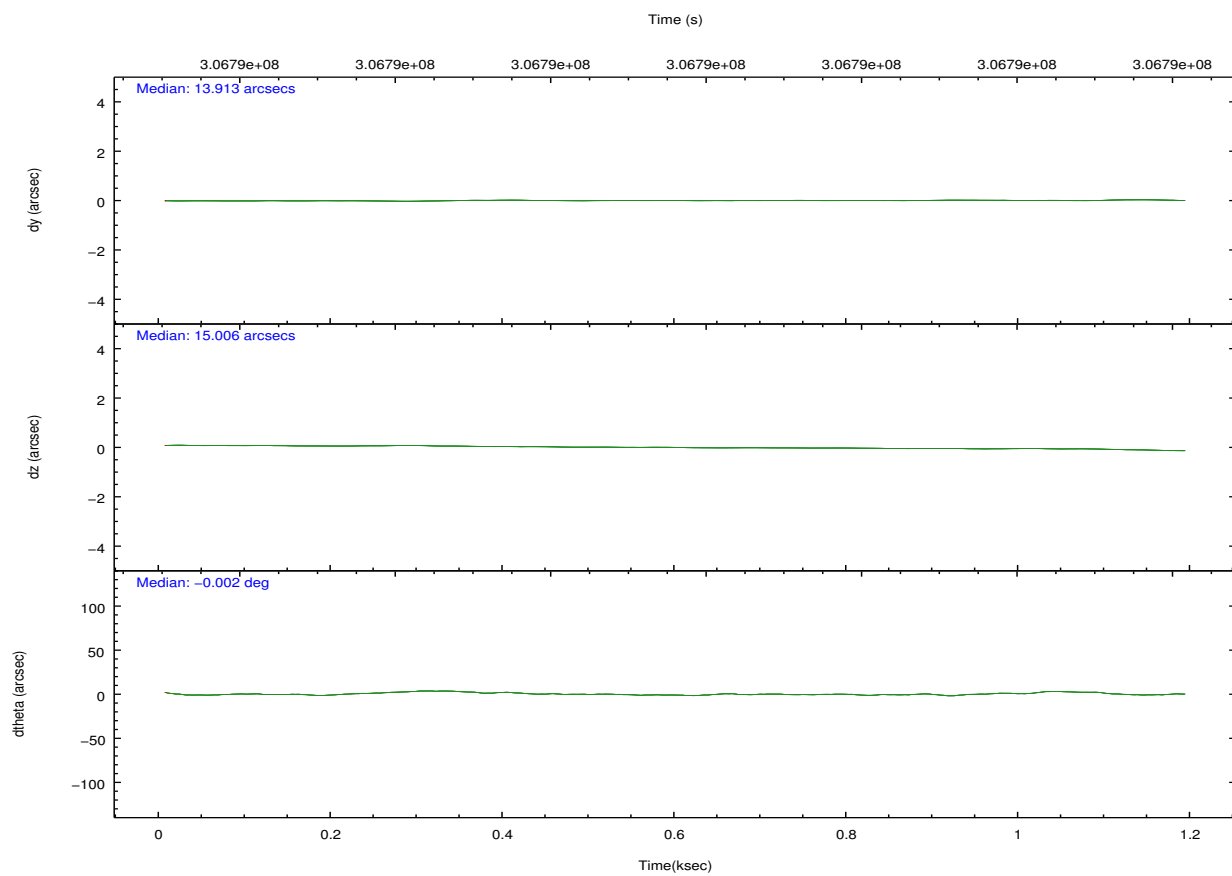
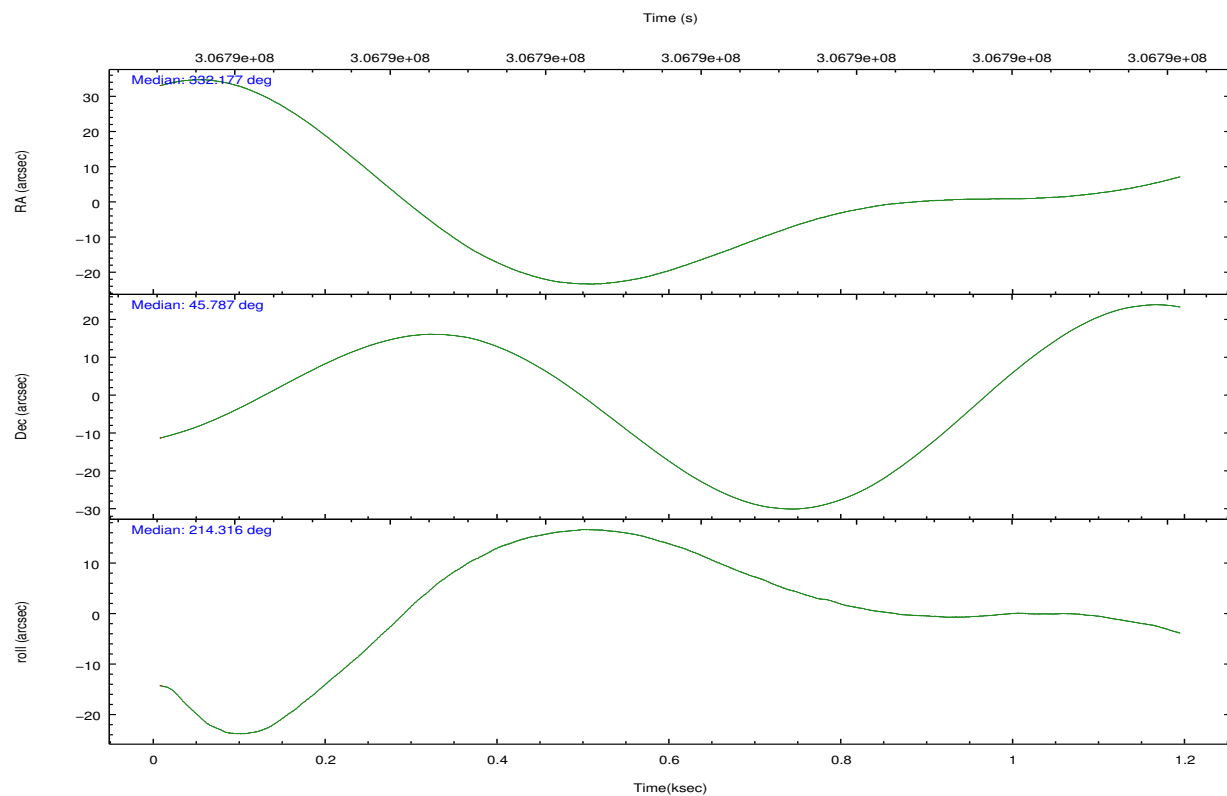
2.2 Compared Parameters

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	332.192886	332.1772492515664
[deg] Pointing Dec	45.812456	45.78640160031624
[deg] Pointing Roll	214.241704	214.3202874192104
[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)	306793763.184000	306793387.80596
Observation start date	2007-09-21T20:28:18	2007-09-21T20:23:07
[s] Observation end time (MET)	306794763.184000	306794897.63103
Observation end date	2007-09-21T20:44:58	2007-09-21T20:48:17

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

2.3 Aspect



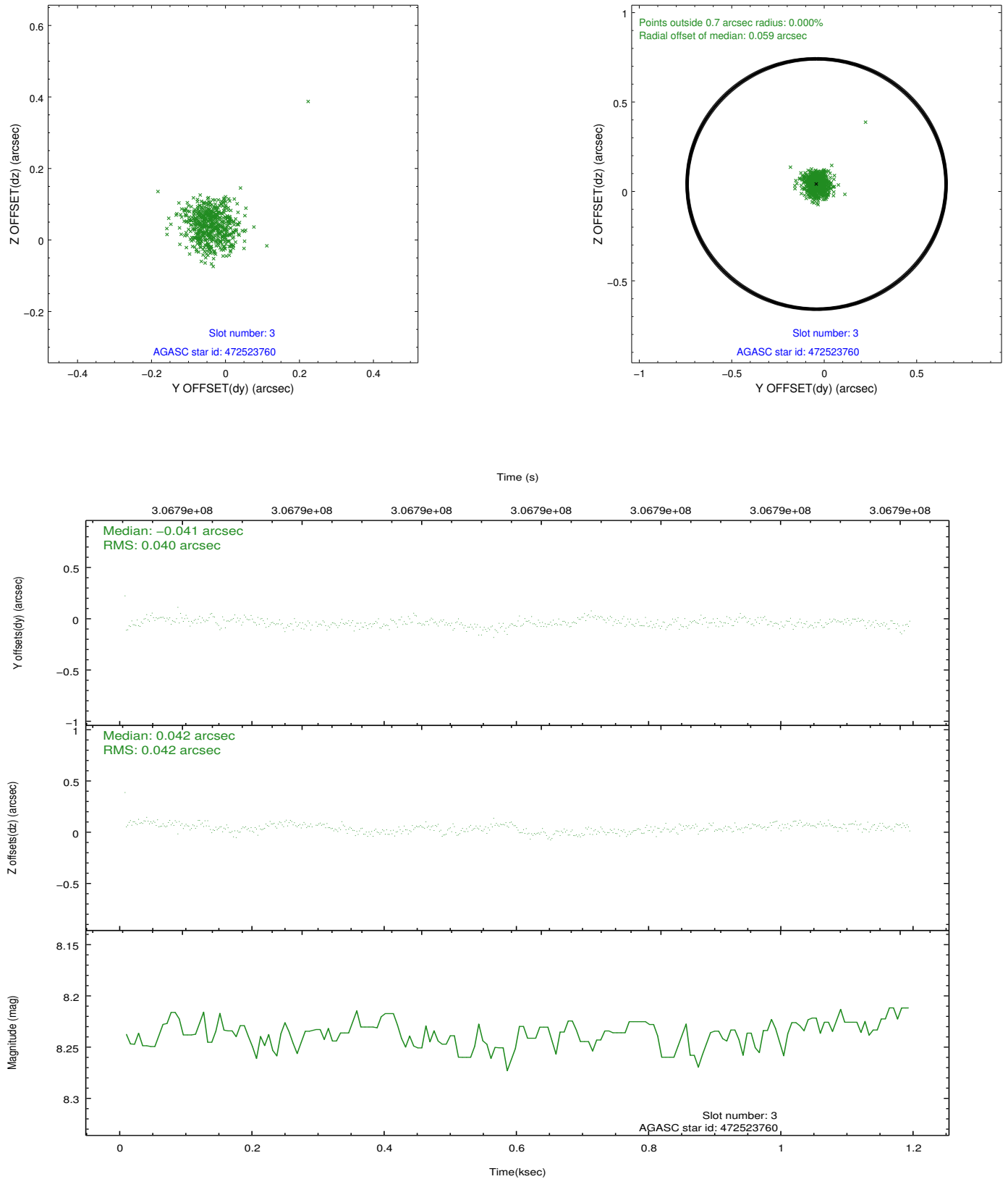


Slot Statistics

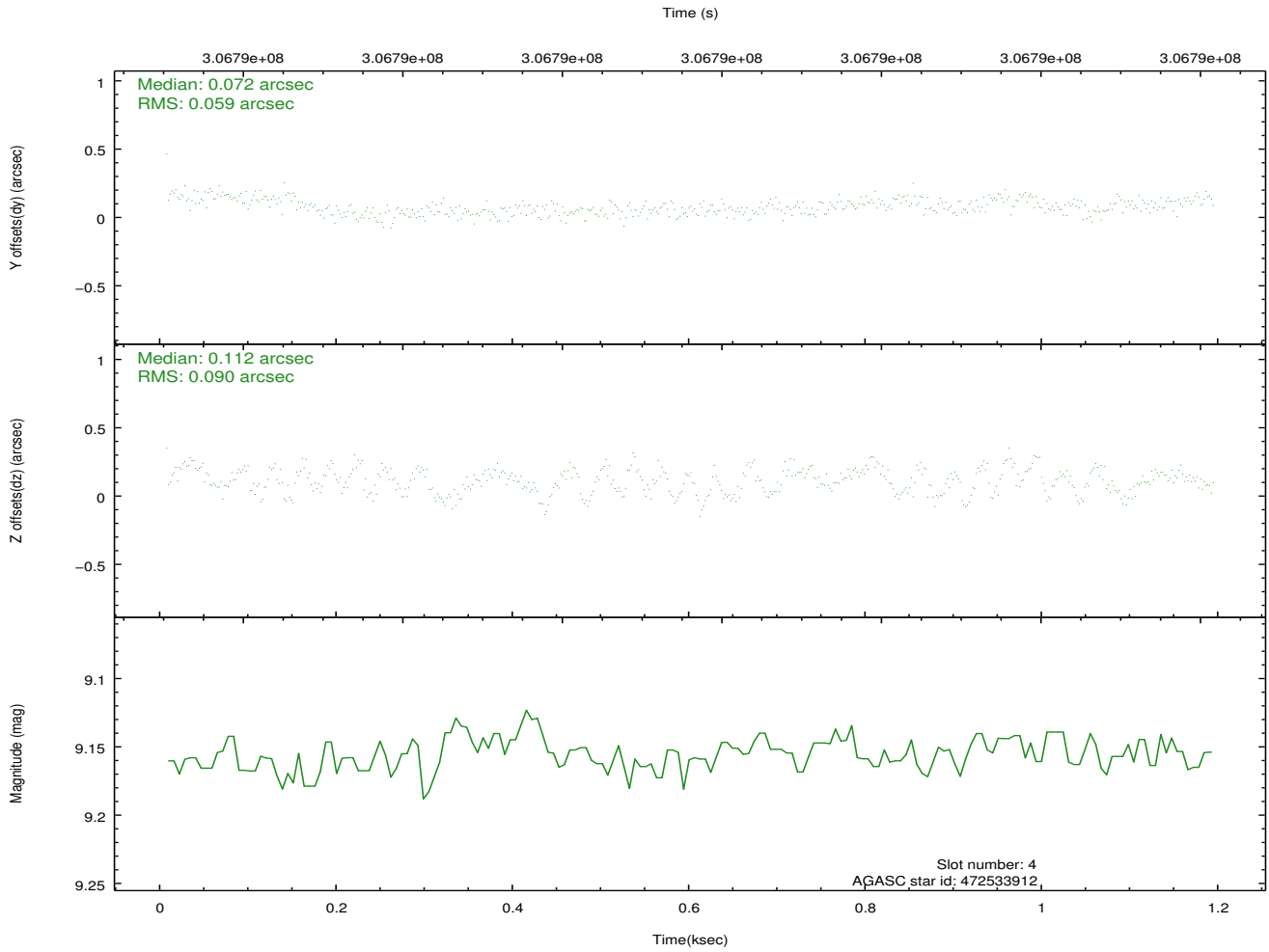
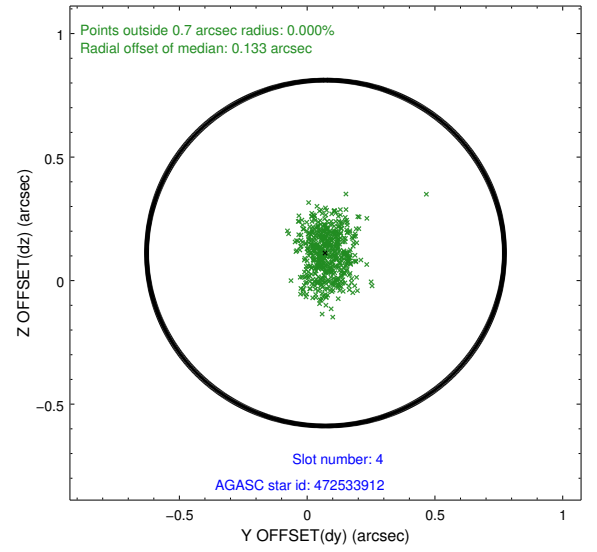
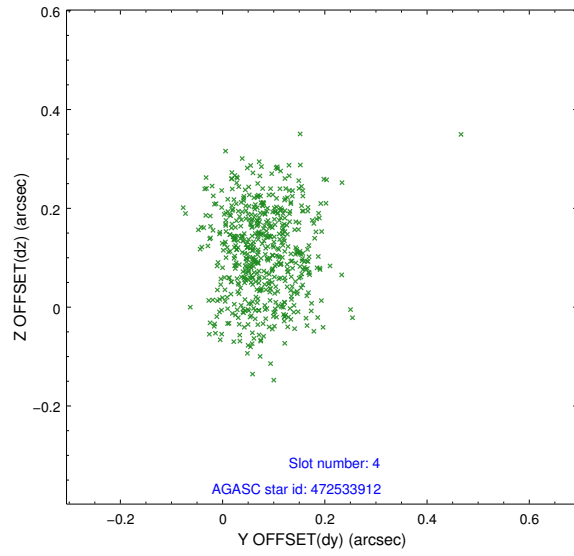
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.08	290	0.107	-0.231	0.010	0.015	0.000000	0.000000	-1168.26	-463.90
1	FID	HRC-S-2	7.05	290	0.173	-0.109	0.010	0.027	0.000000	0.000000	1227.44	-458.07
2	FID	HRC-S-3	7.06	290	0.111	0.038	0.009	0.019	0.000000	0.000000	-1166.72	564.31
3	GUIDE	472523760	8.24	578	-0.041	0.042	0.059	0.094	331.645363	45.403260	1972.12	436.30
4	GUIDE	472533912	9.16	580	0.072	0.112	0.116	0.183	331.791136	46.368695	-297.71	-2217.15
5	GUIDE	472655152	9.42	580	0.011	-0.071	0.111	0.182	332.504239	45.862991	-747.15	284.72
6	GUIDE	472665256	9.01	580	0.083	0.148	0.089	0.145	332.808125	46.195041	-2045.06	-279.29
7	GUIDE	472651904	6.71	579	-0.135	-0.200	0.082	0.133	332.170077	45.742257	187.82	176.44

2.4 Star Slots

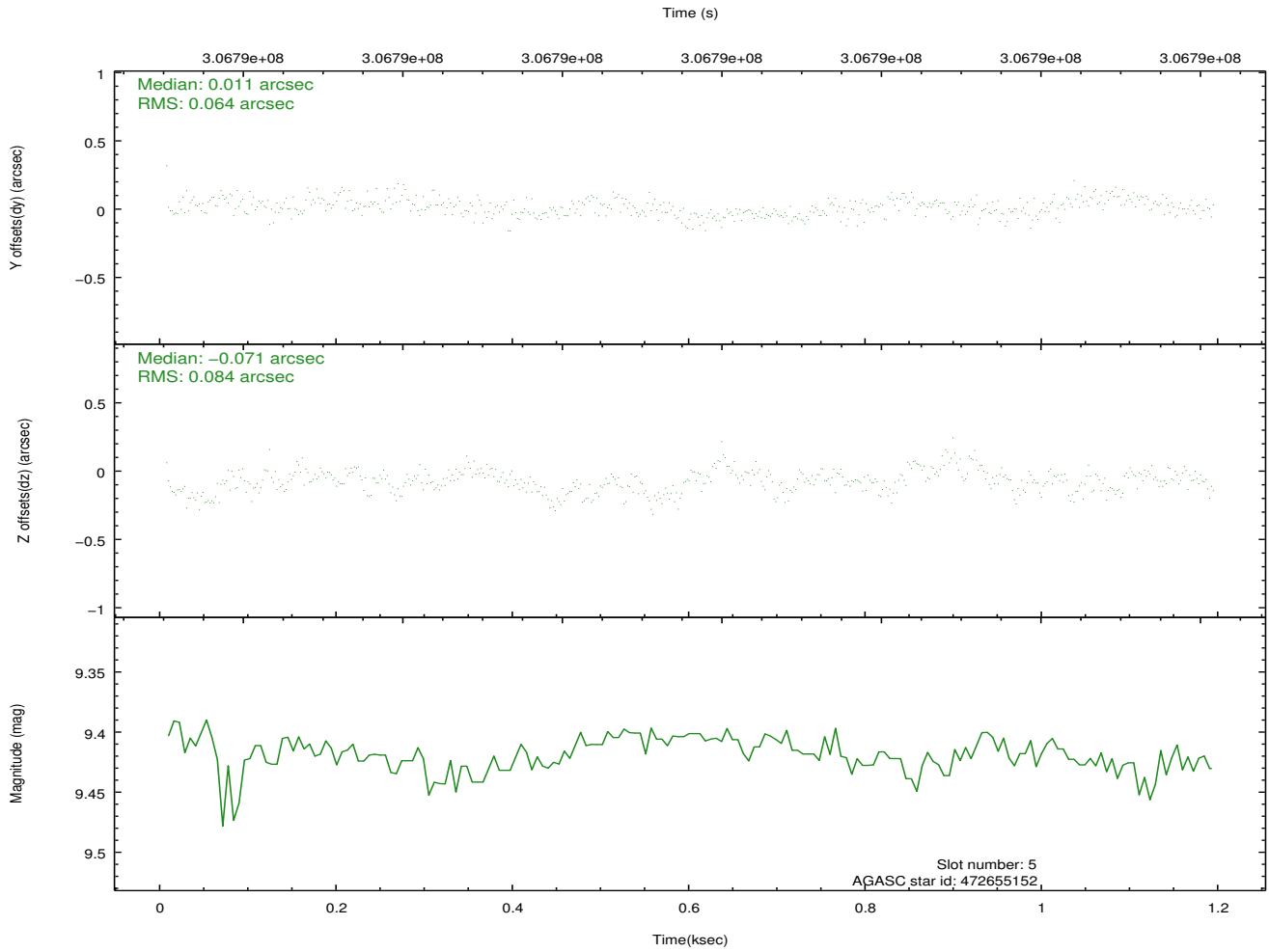
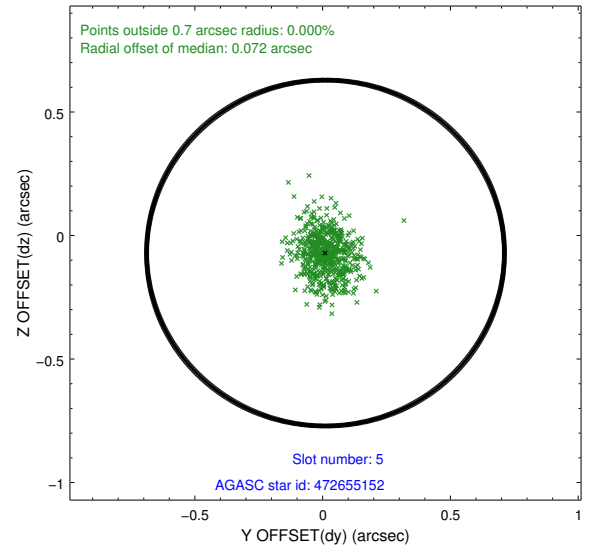
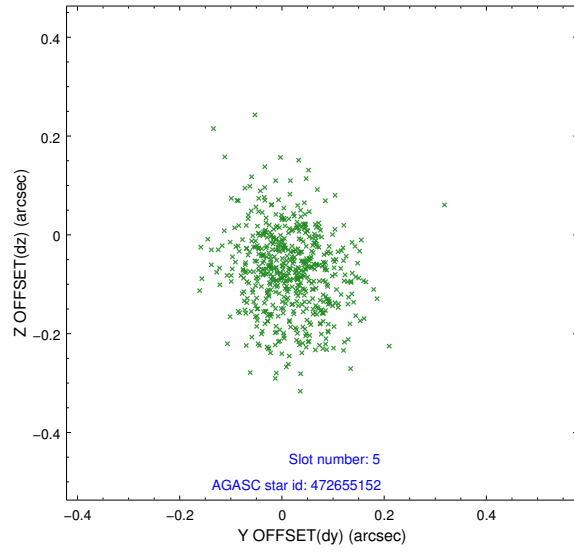
2.4.1 Slot 3



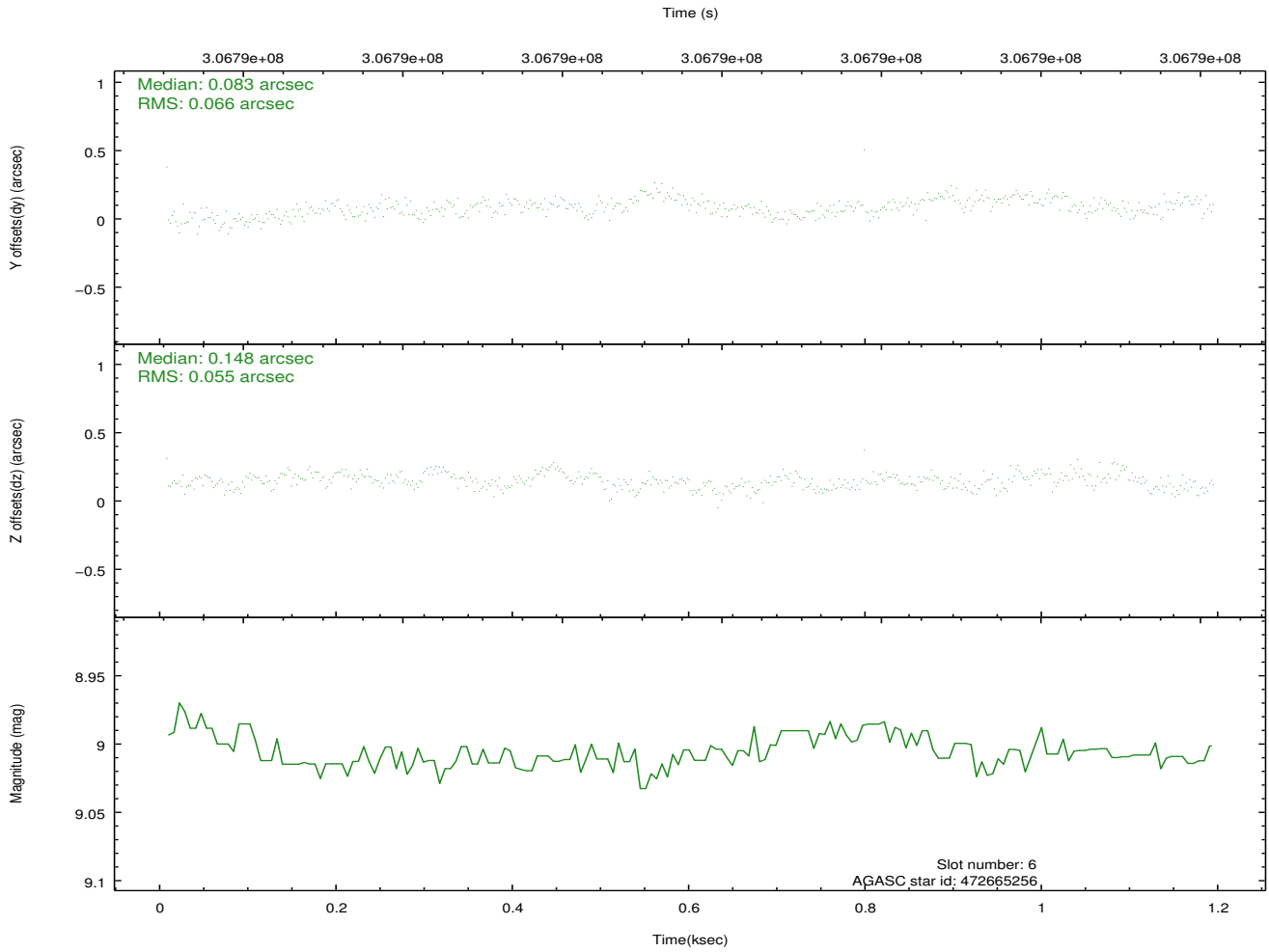
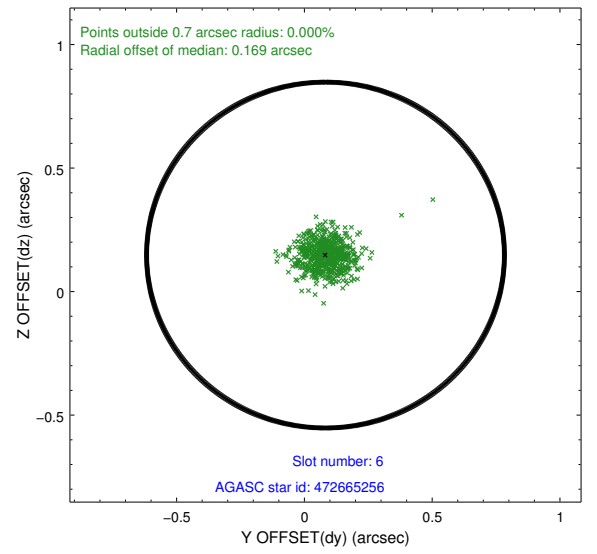
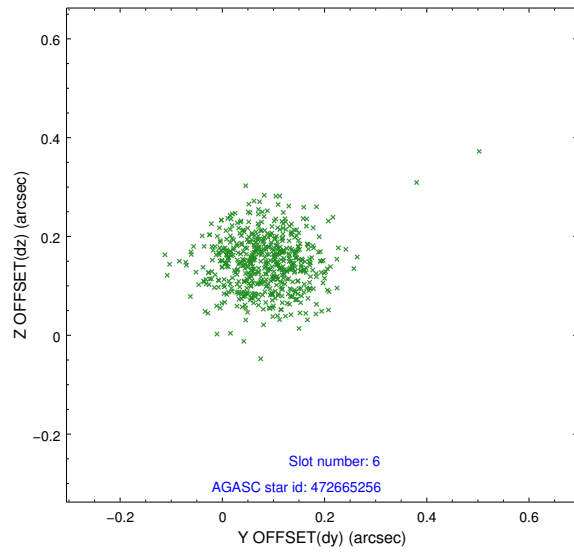
2.4.2 Slot 4



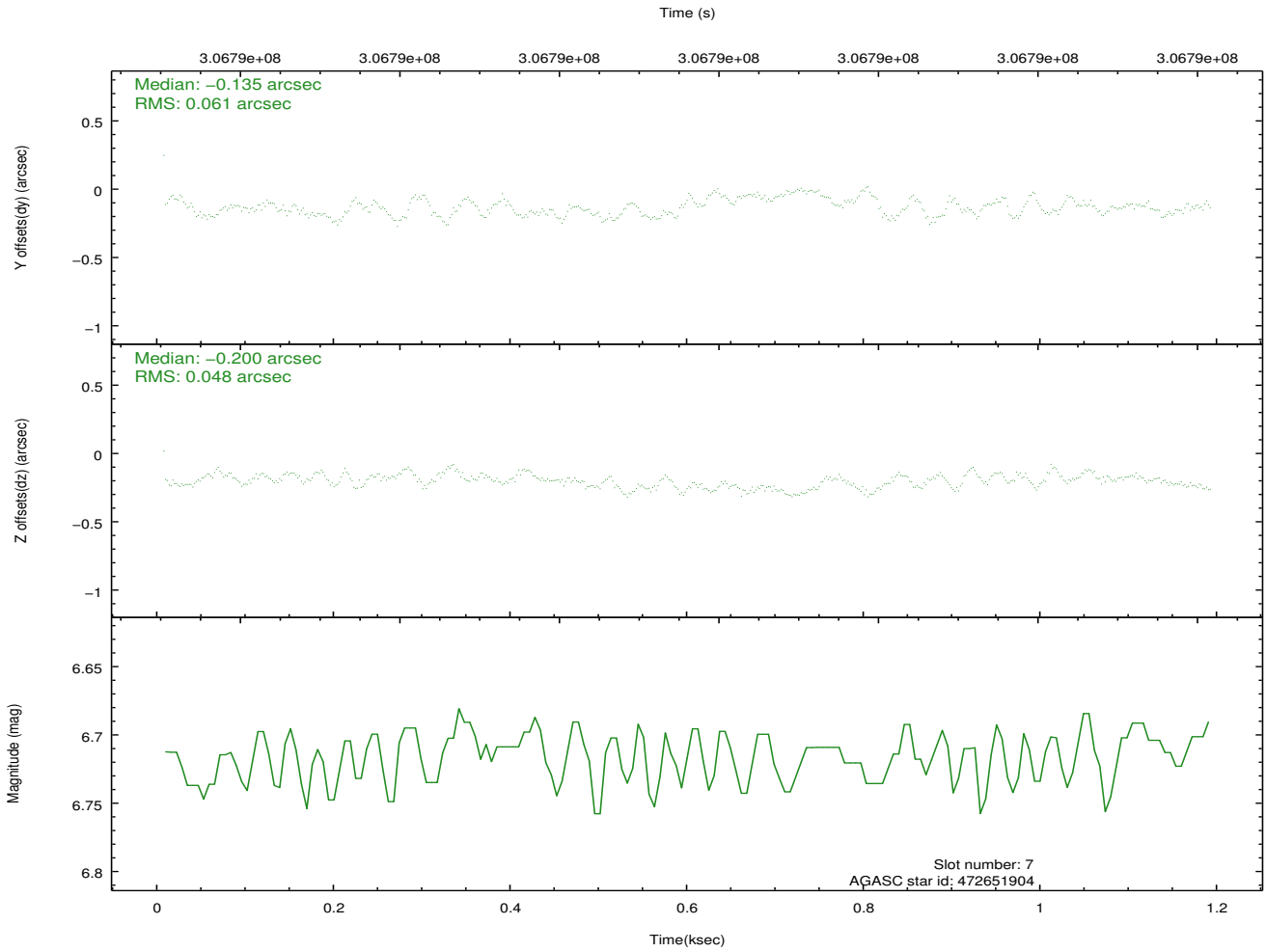
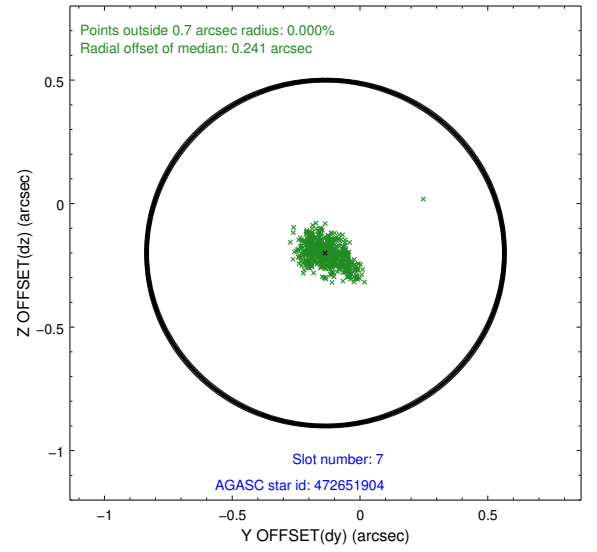
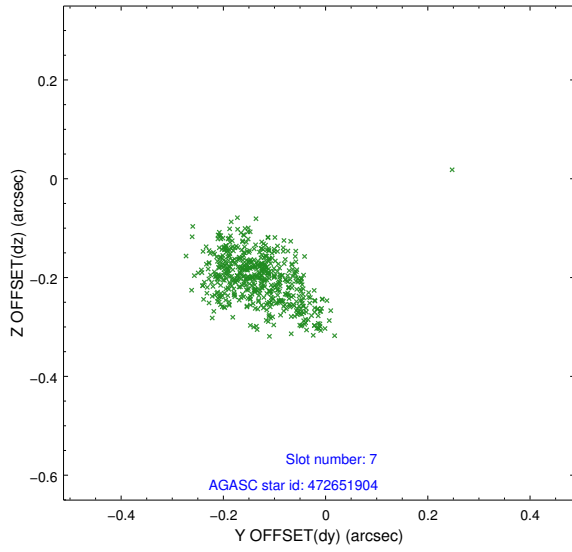
2.4.3 Slot 5



2.4.4 Slot 6

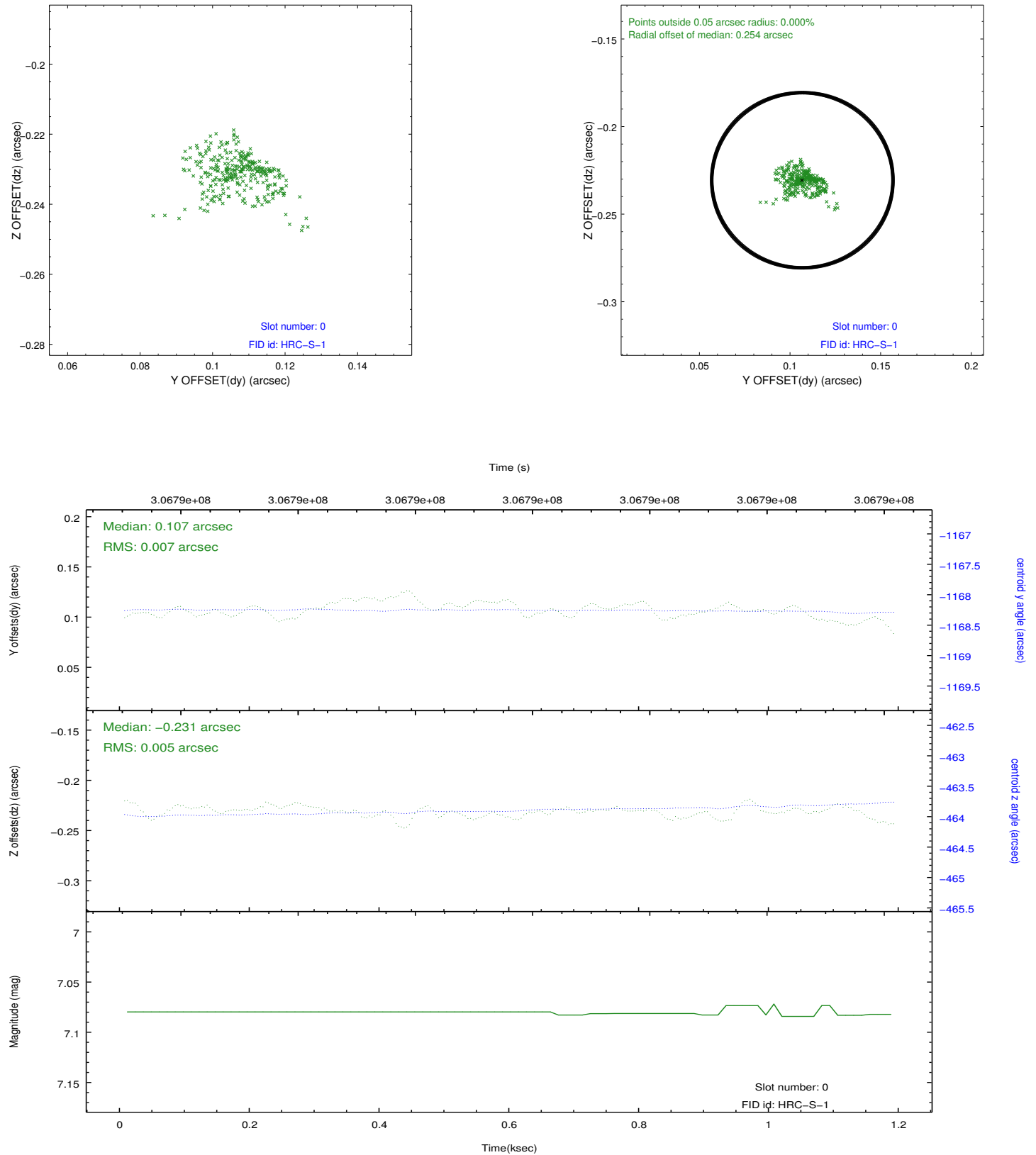


2.4.5 Slot 7

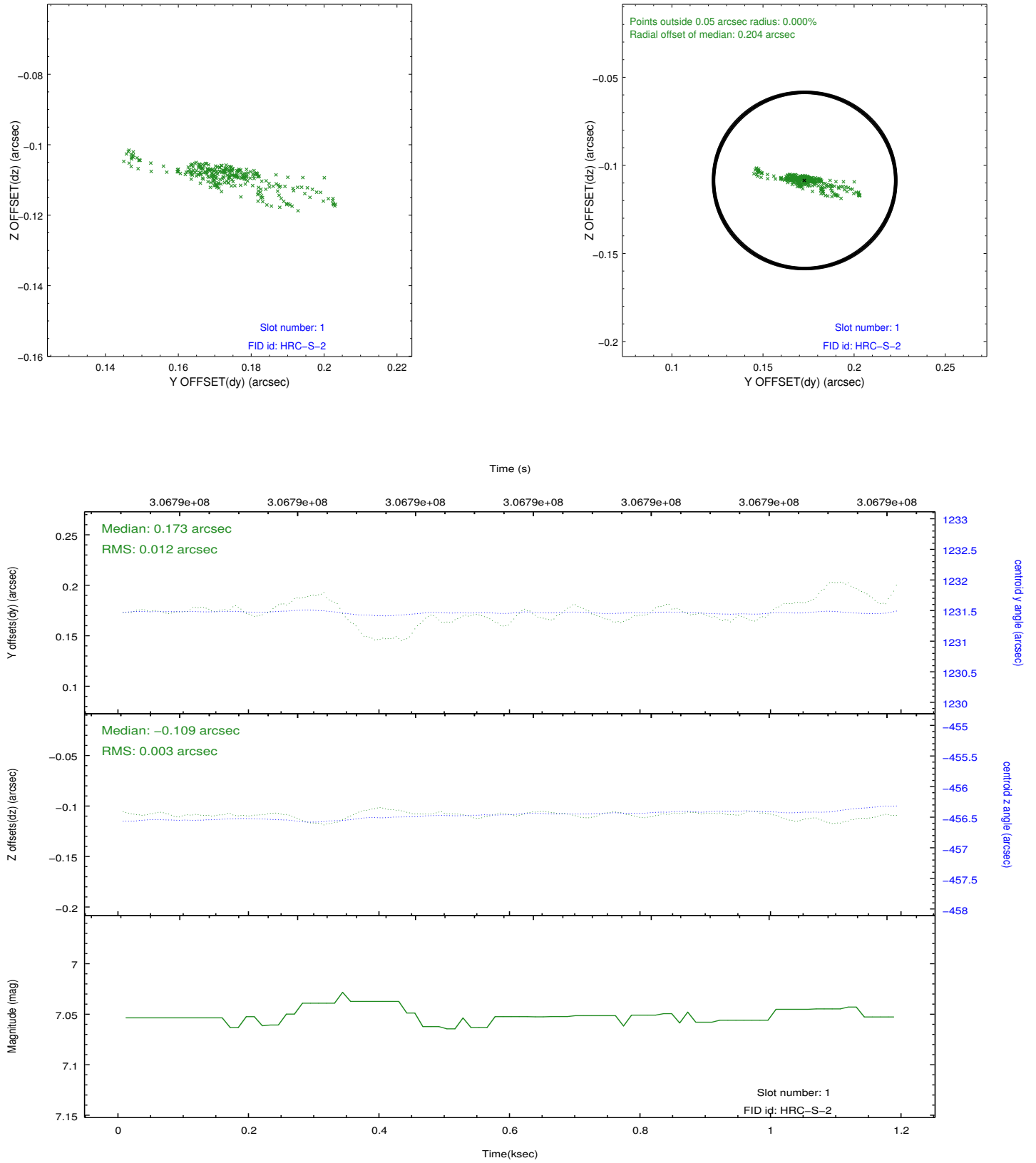


2.5 FID Slots

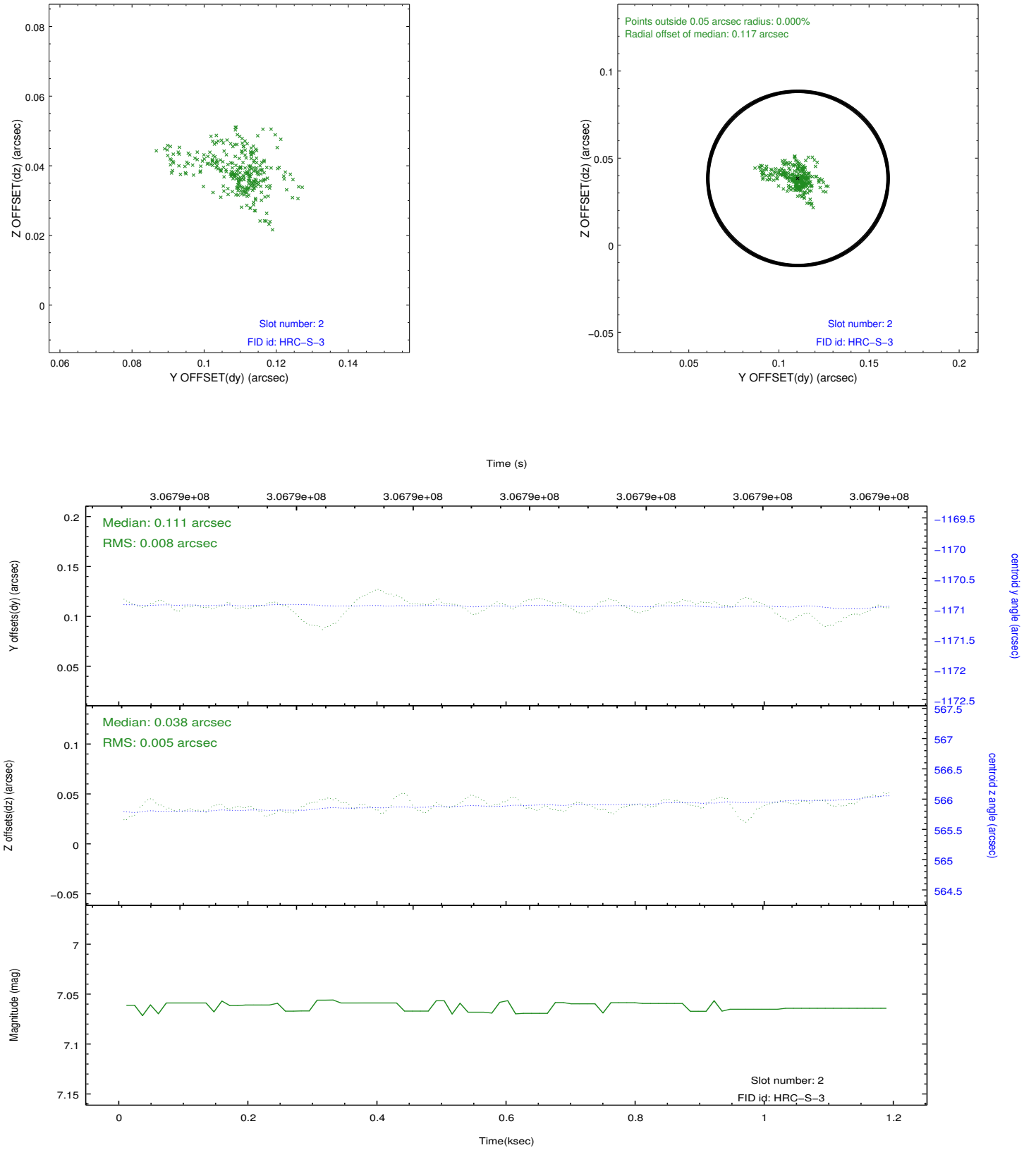
2.5.1 Slot 0



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	1.1574813

A.2 Comments