

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11929 - L2 Version 2
Chandra X-Ray Center

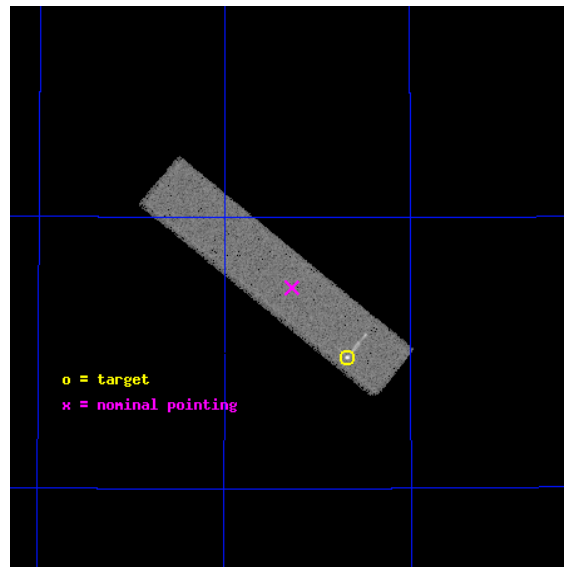
L2 Processing Date : Jul 3 2012

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1 Front

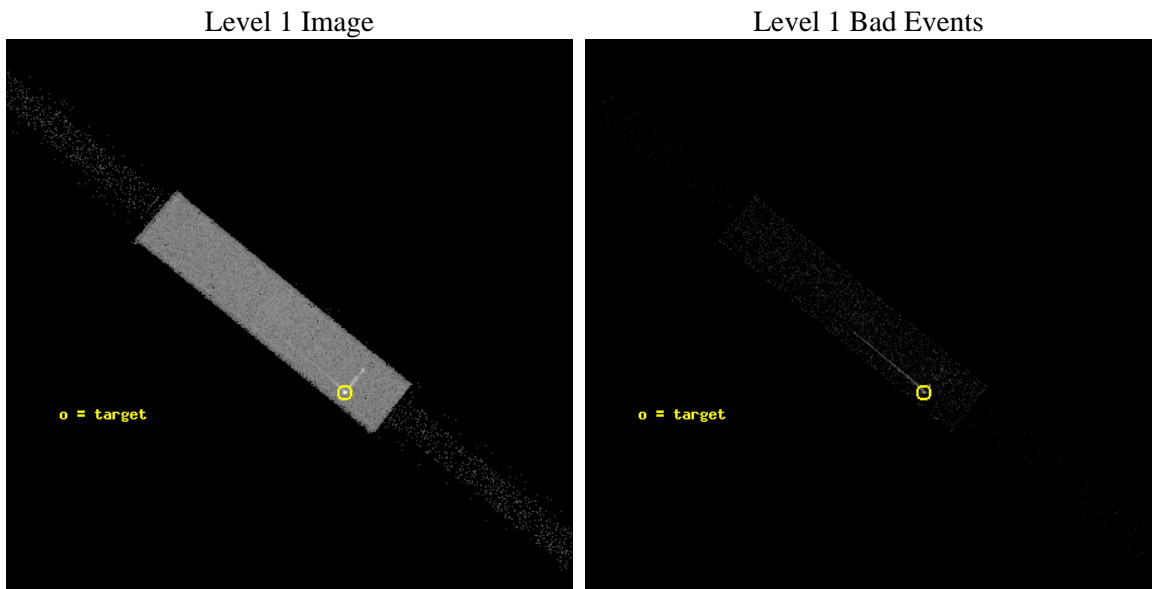
seq_num	290918	Sequence number
obs_id	11929	Observation id
title	AO-11 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.31899089646	Nominal RA [deg]
dec_nom	45.870842430312	Nominal Dec [deg]
roll_nom	219.04602402849	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1159.5313094258	[s]
livetime	1150.2366653702	Ontime multiplied by DTCOR
l2events	67655	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	1159.5313094258	[s]
caldbver	4.5.0	 	l1events	106192	Number of level 1 events
date	2012-07-03T23:52:25	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

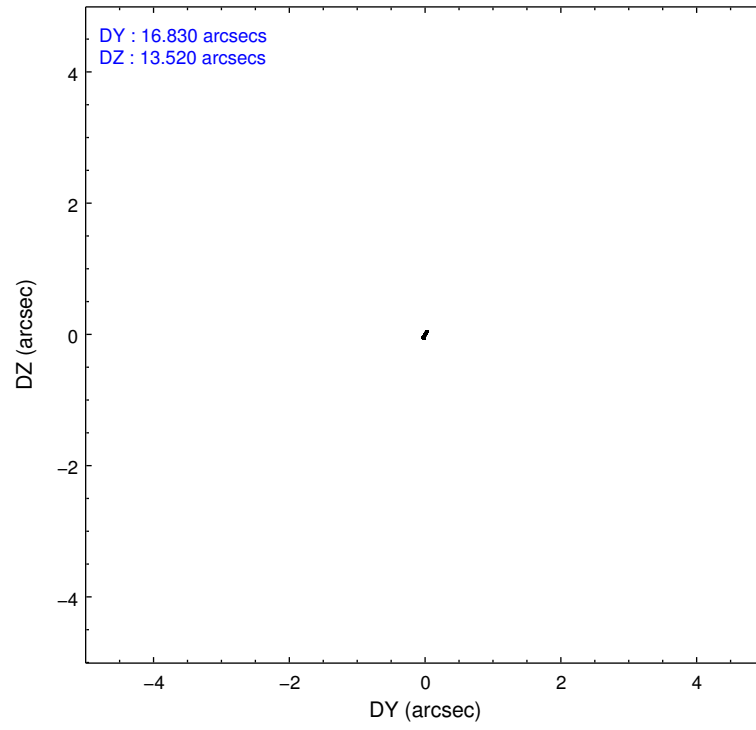
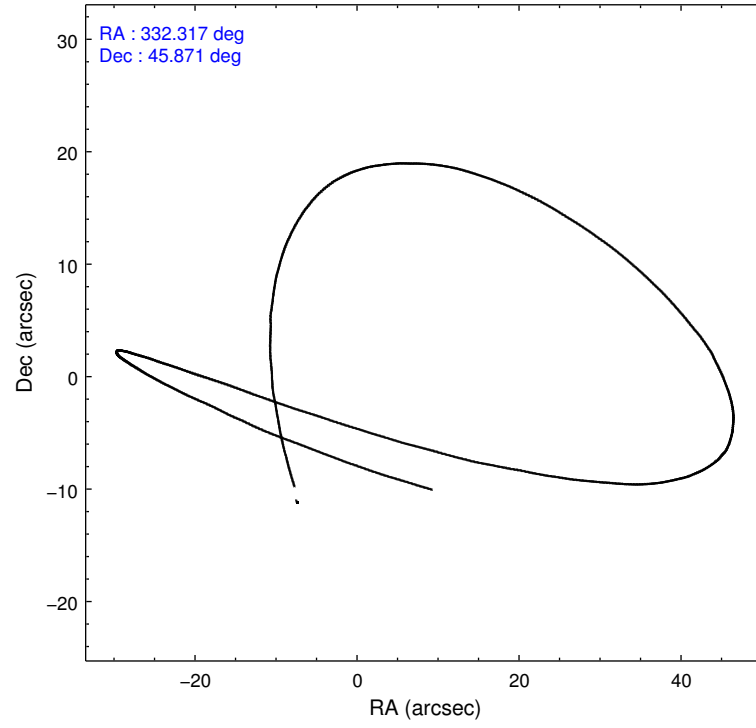
	segment 1	segment 2	segment 3
level 1 events	961	104303	928
rejected events	961	23957	928
rejected %	100%	22%	100%

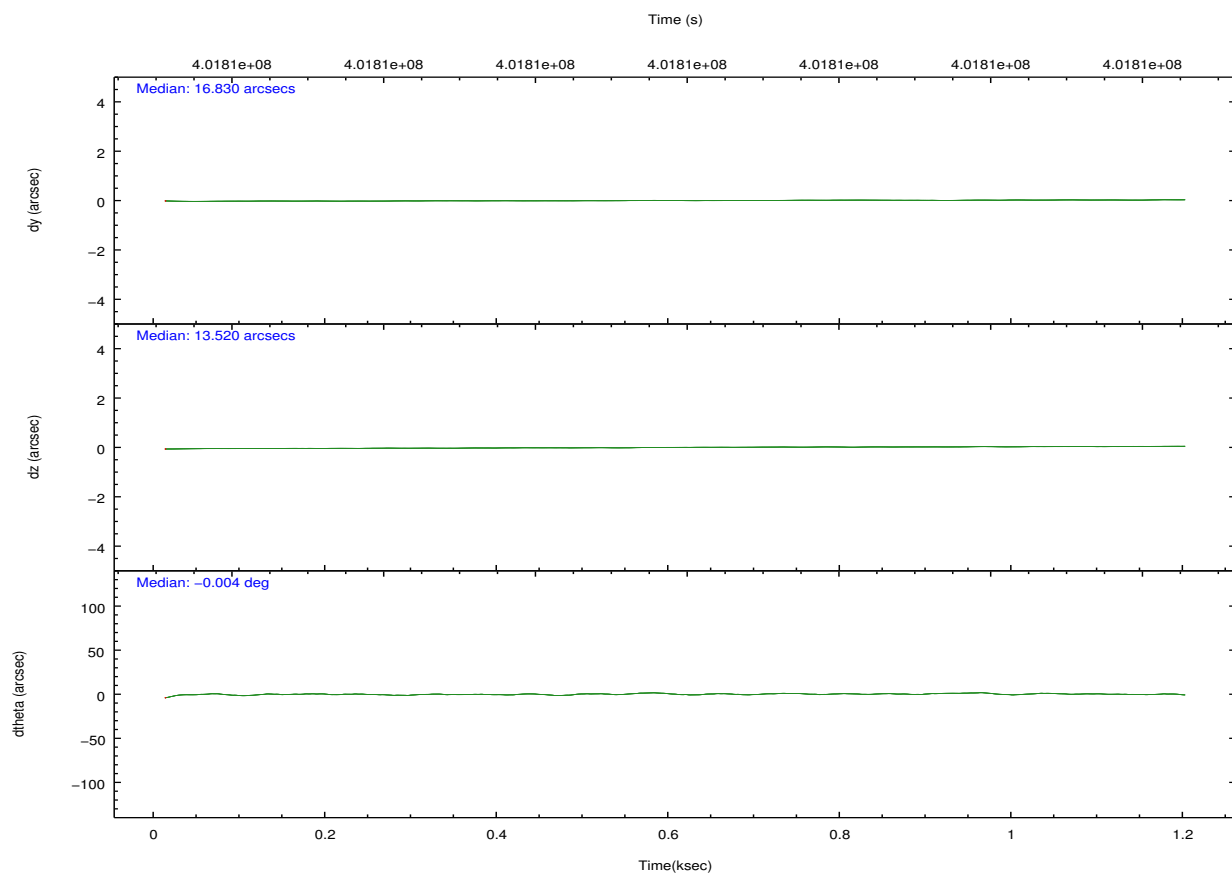
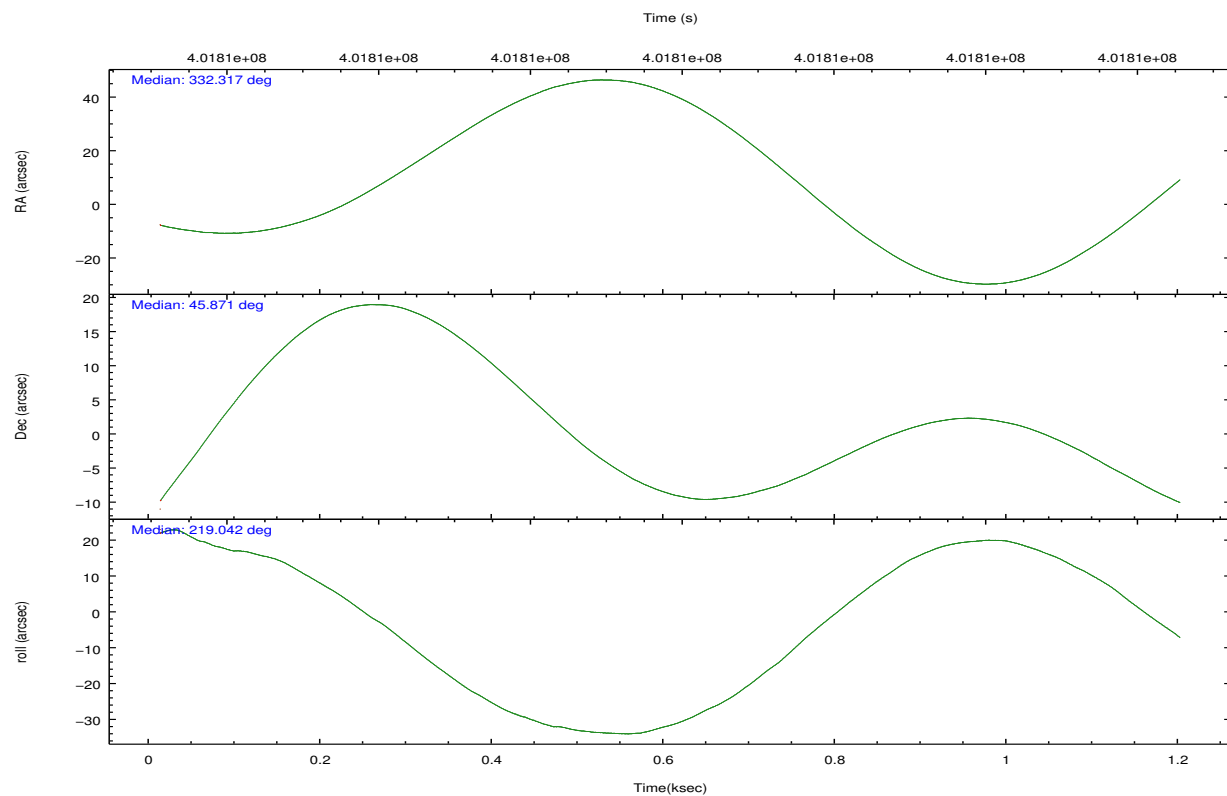
2.2 Compared Parameters

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	332.333063	332.3189908964561
[deg] Pointing Dec	45.897494	45.87084243031209
[deg] Pointing Roll	218.968539	219.046024028494
[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)	401807179.184000	401806803.06389
Observation start date	2010-09-25T13:05:13	2010-09-25T13:00:03
[s] Observation end time (MET)	401808179.184000	401808313.40147
Observation end date	2010-09-25T13:21:53	2010-09-25T13:25:13

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

2.3 Aspect



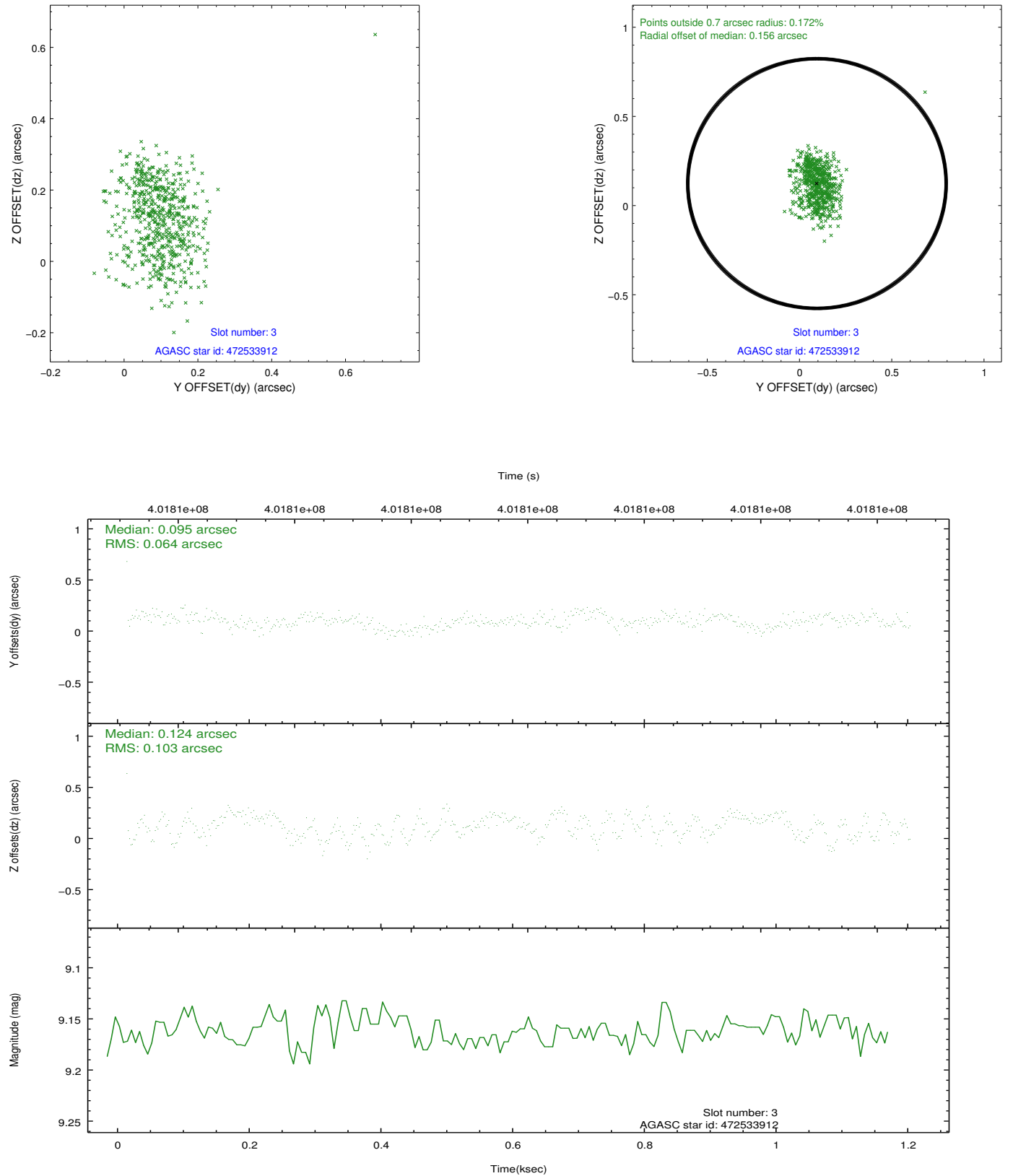


Slot Statistics

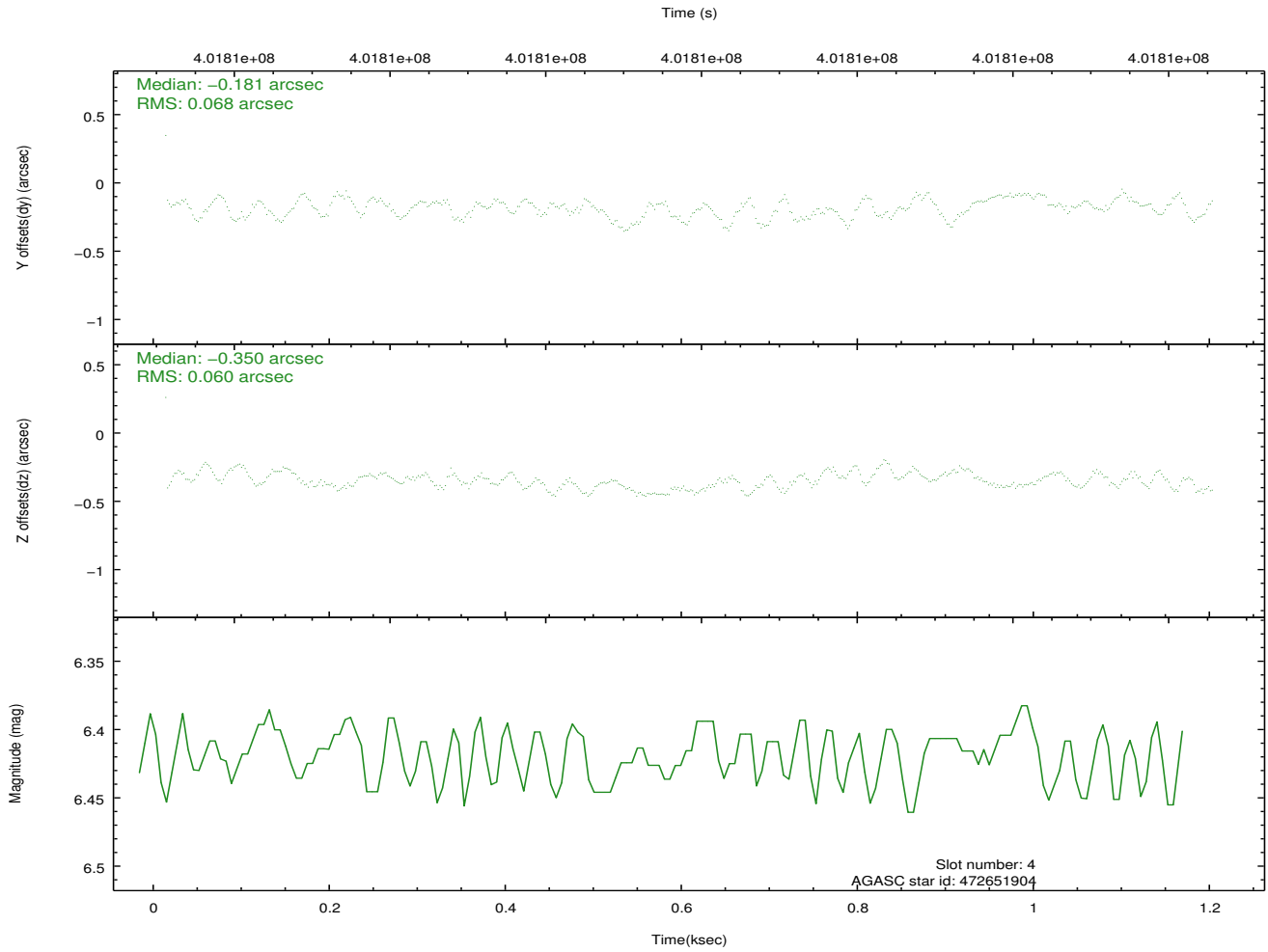
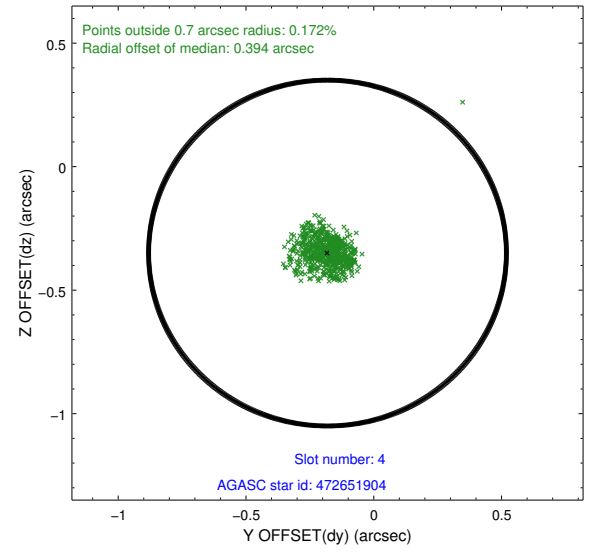
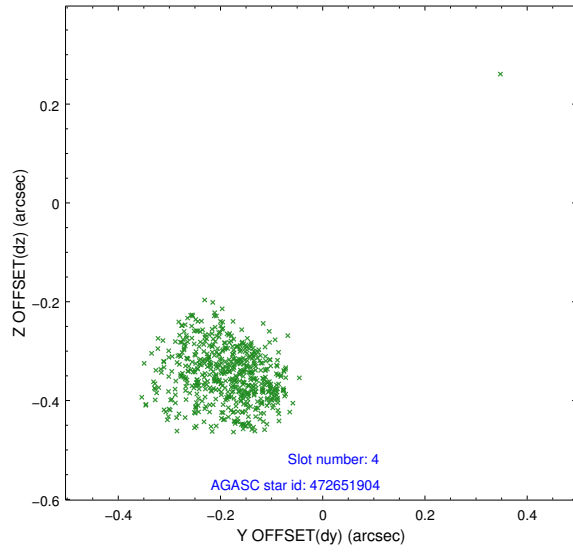
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	291	0.035	-0.153	0.008	0.012	0.000000	0.000000	-1171.32	-462.34
1	FID	HRC-S-2	6.96	291	0.283	-0.125	0.005	0.008	0.000000	0.000000	1224.56	-456.50
2	FID	HRC-S-3	7.01	291	0.071	-0.024	0.007	0.013	0.000000	0.000000	-1169.81	565.74
3	GUIDE	472533912	9.16	581	0.095	0.124	0.126	0.197	331.791136	46.368695	-23.39	-2164.87
4	GUIDE	472651904	6.42	581	-0.181	-0.350	0.093	0.139	332.170077	45.742257	668.79	175.94
5	GUIDE	472654568	9.42	581	0.058	0.167	0.100	0.167	332.194449	45.063576	2162.31	2117.01
6	GUIDE	472655152	9.43	578	0.023	-0.110	0.130	0.222	332.504239	45.862991	-252.83	373.92
7	GUIDE	472665256	9.03	580	0.031	0.179	0.077	0.125	332.808125	46.195041	-1597.31	-86.31

2.4 Star Slots

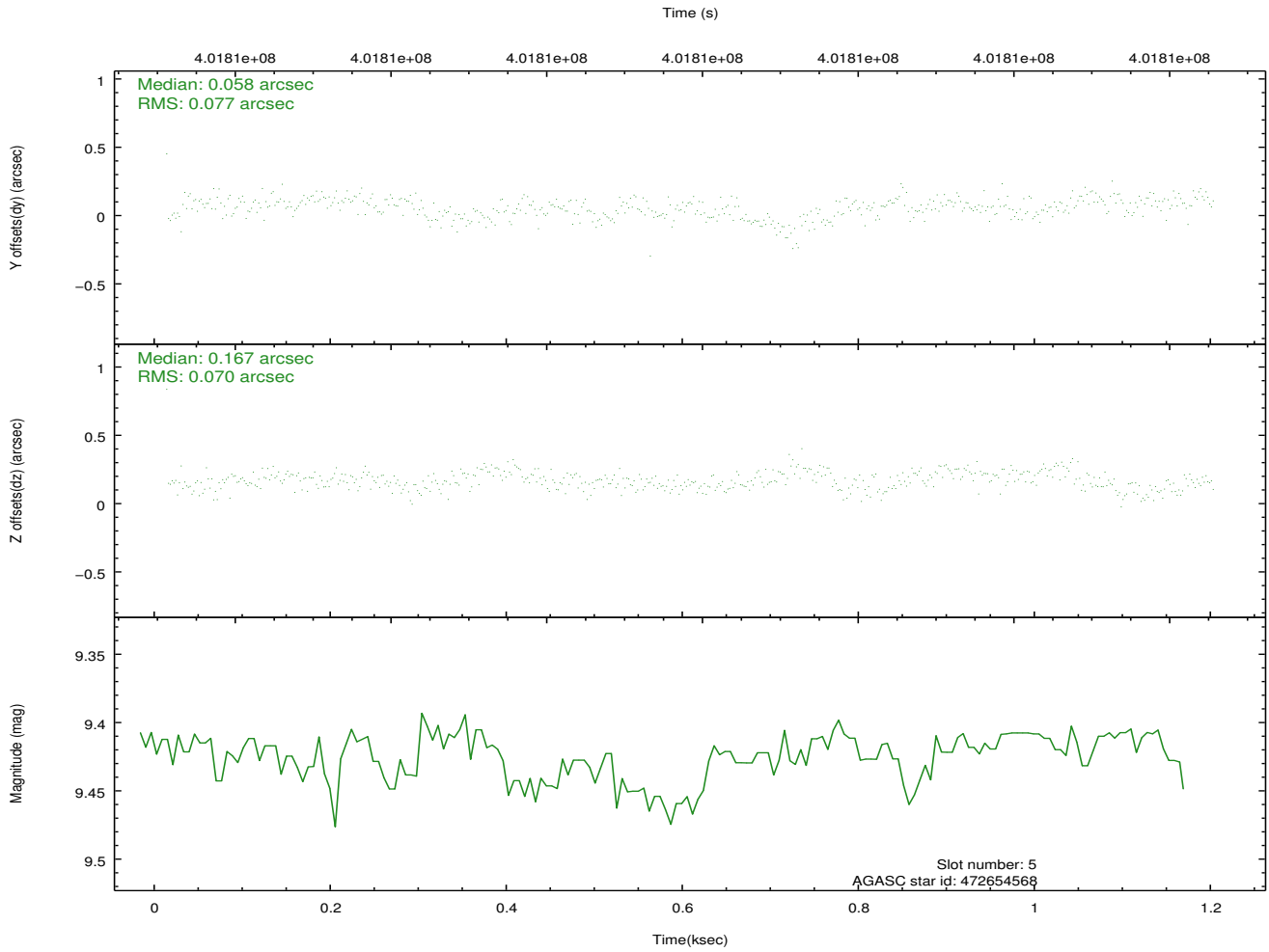
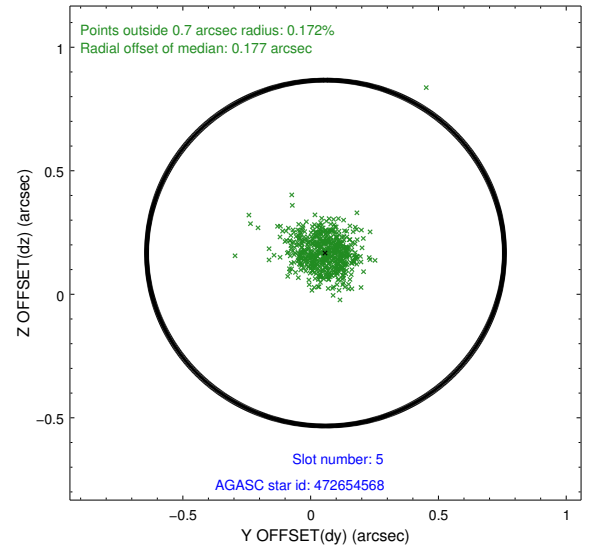
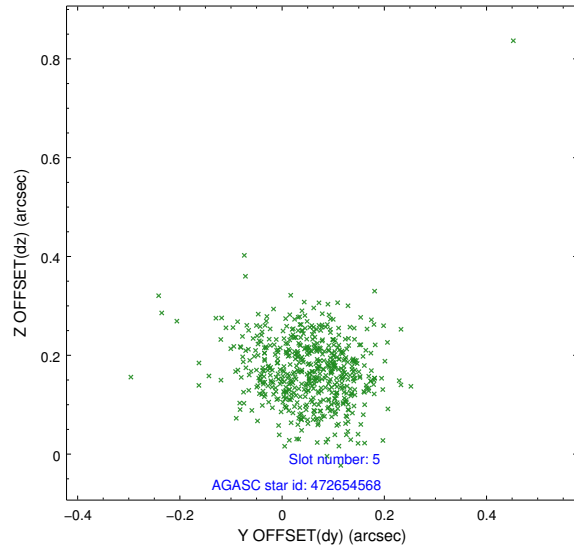
2.4.1 Slot 3



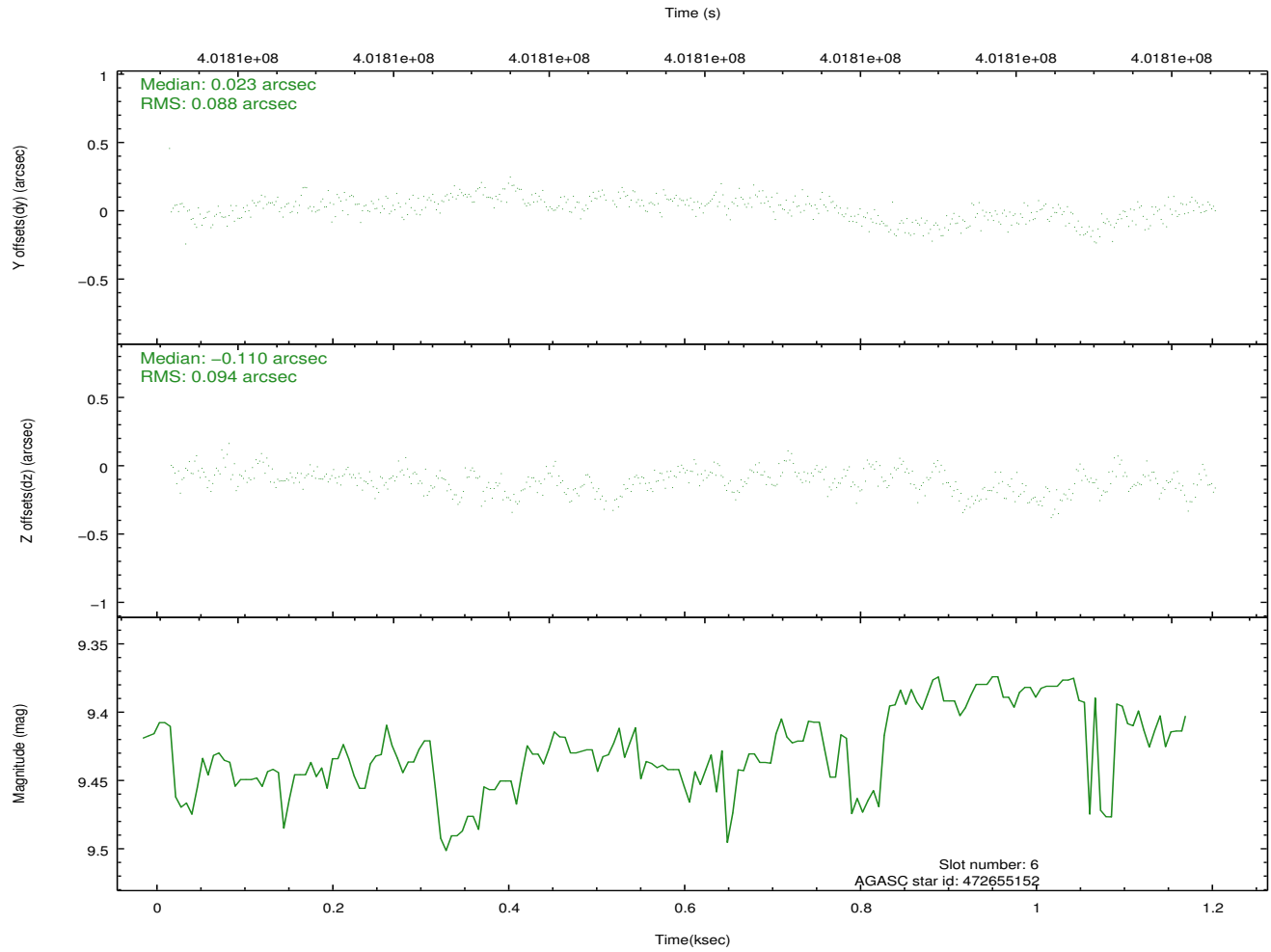
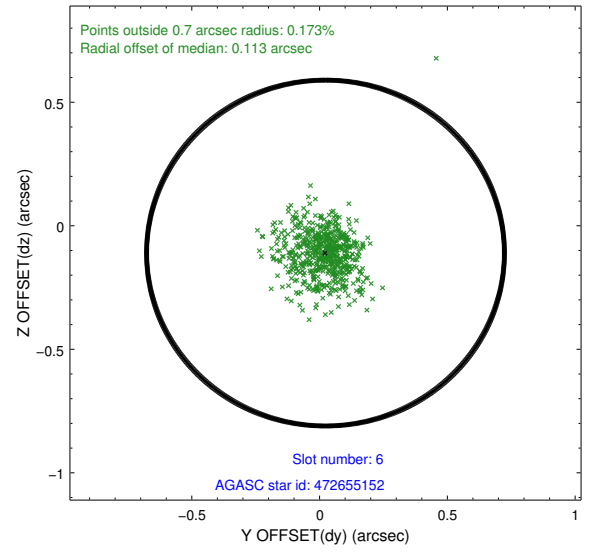
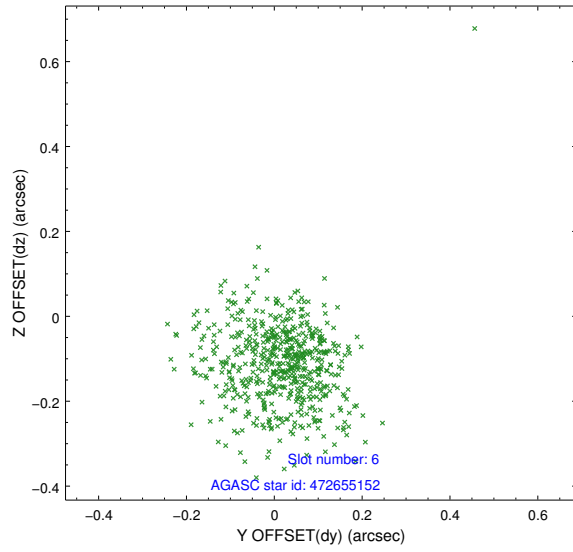
2.4.2 Slot 4



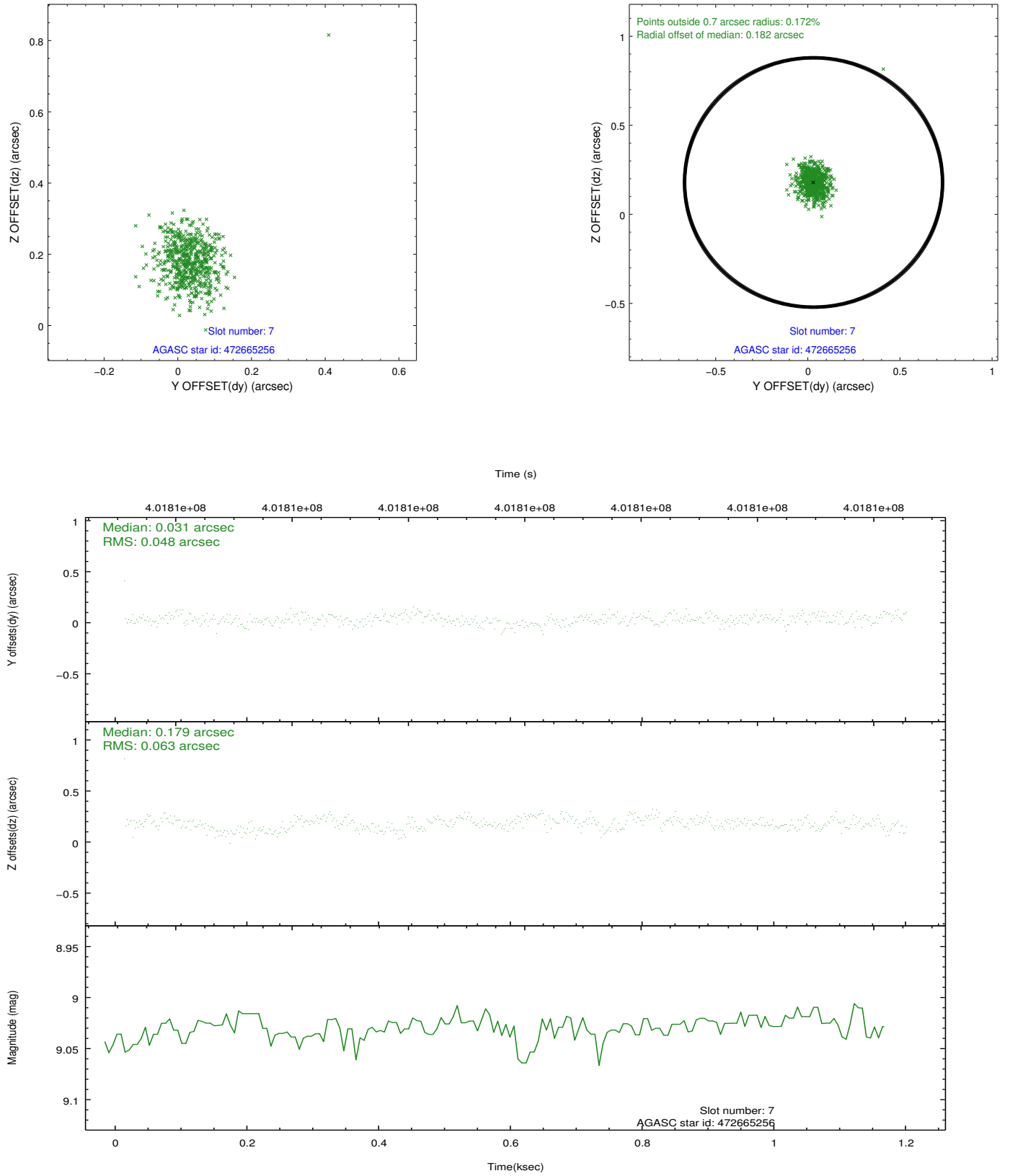
2.4.3 Slot 5



2.4.4 Slot 6

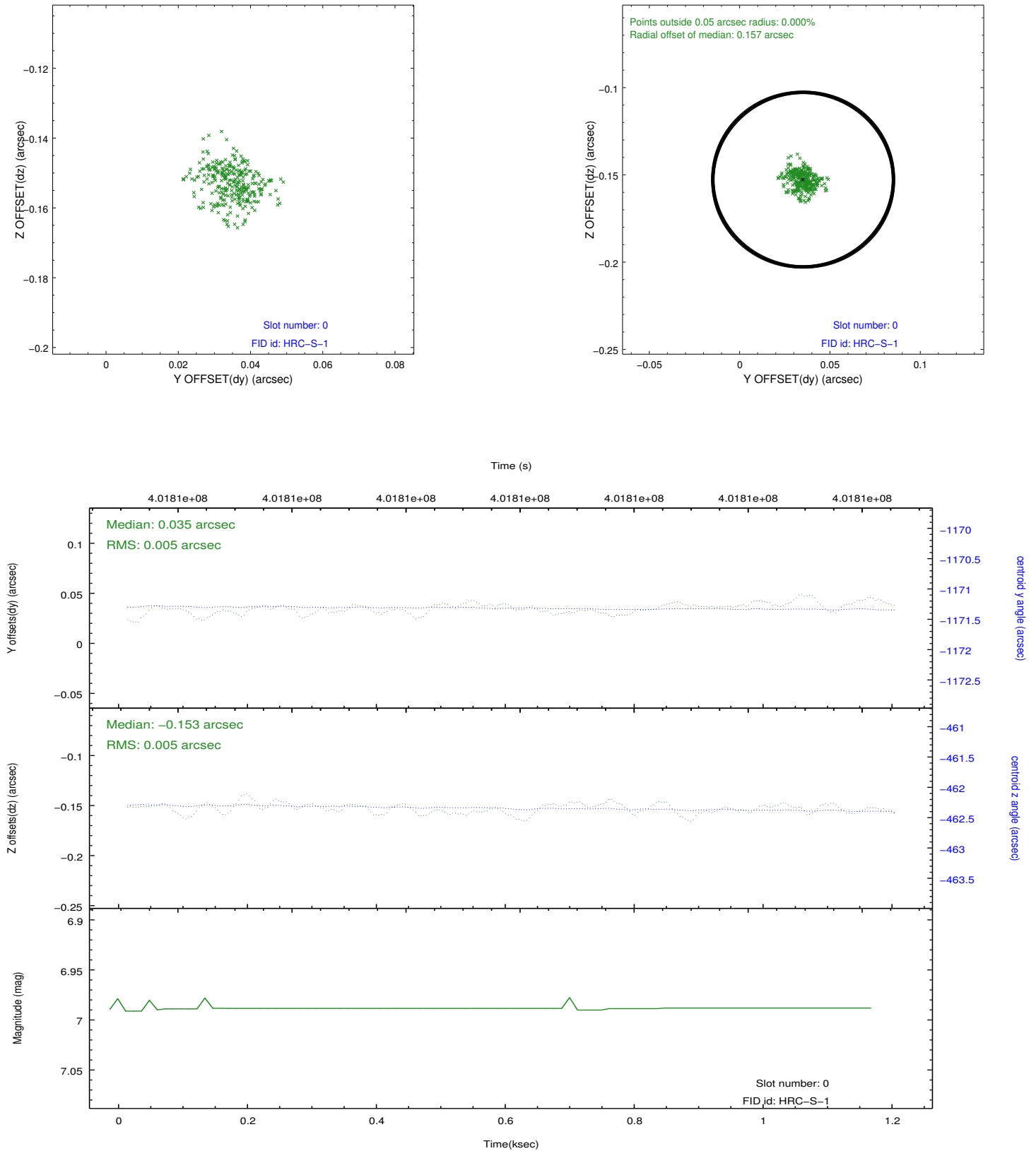


2.4.5 Slot 7

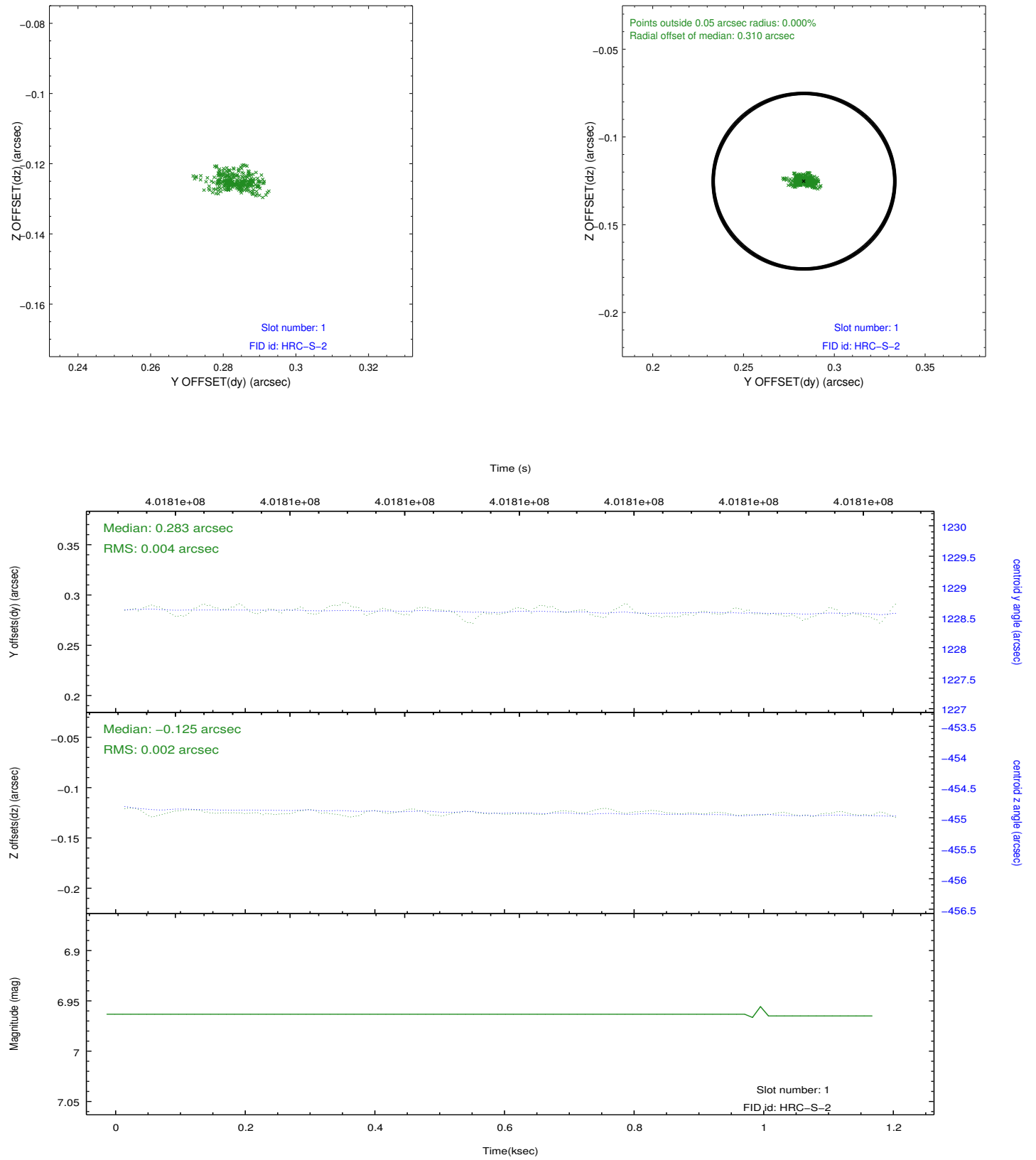


2.5 FID Slots

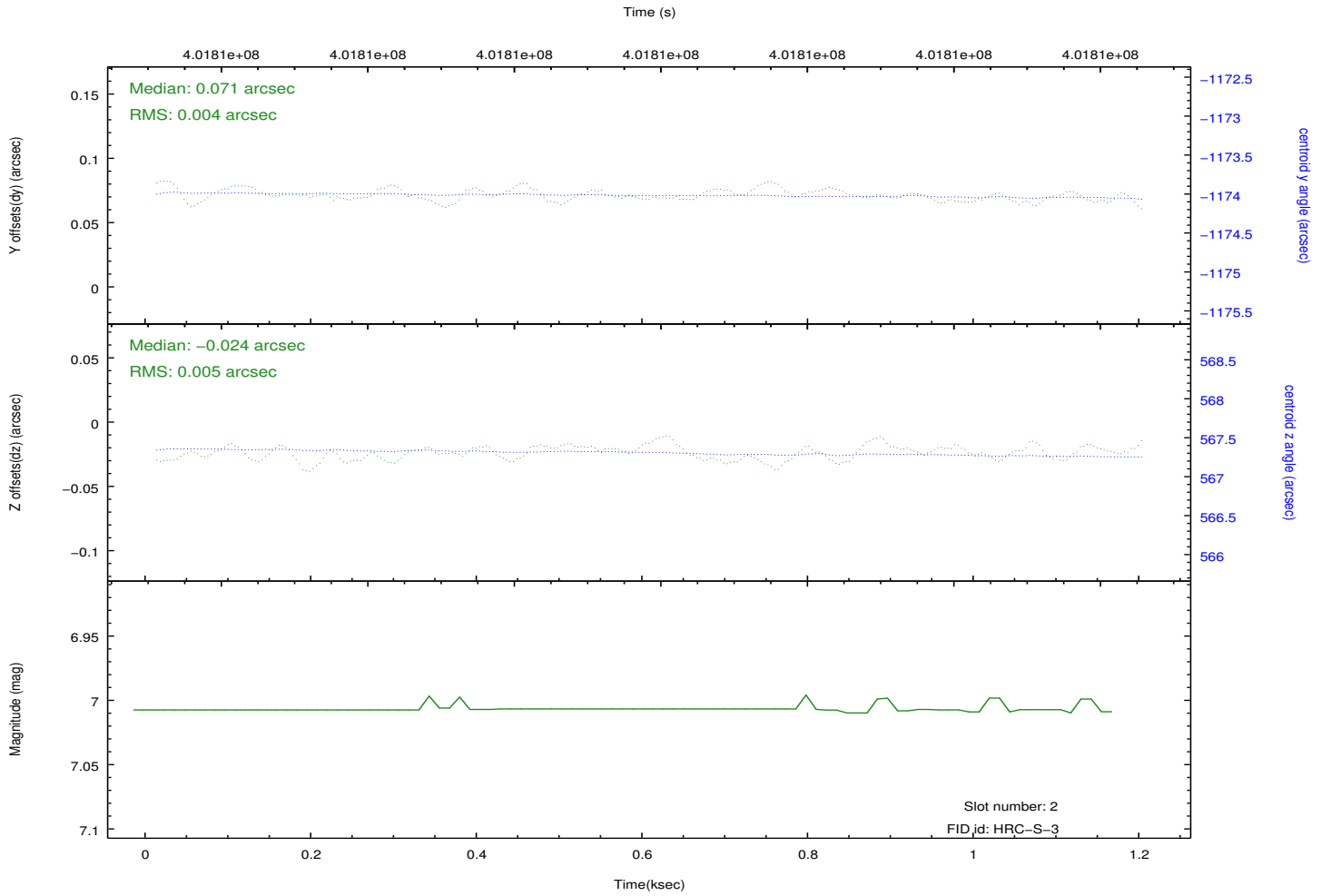
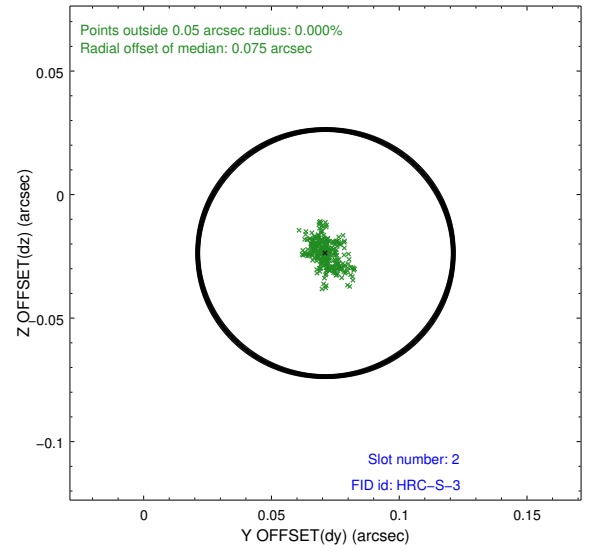
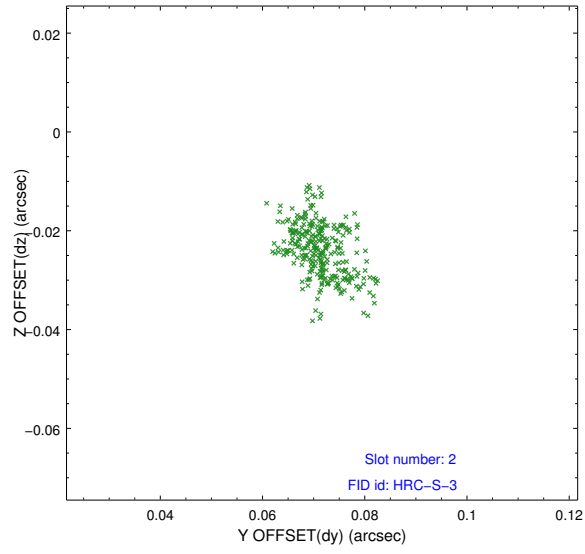
2.5.1 Slot 0



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)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1595313094854

A.2 Comments