

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11916 - L2 Version 2
Chandra X-Ray Center

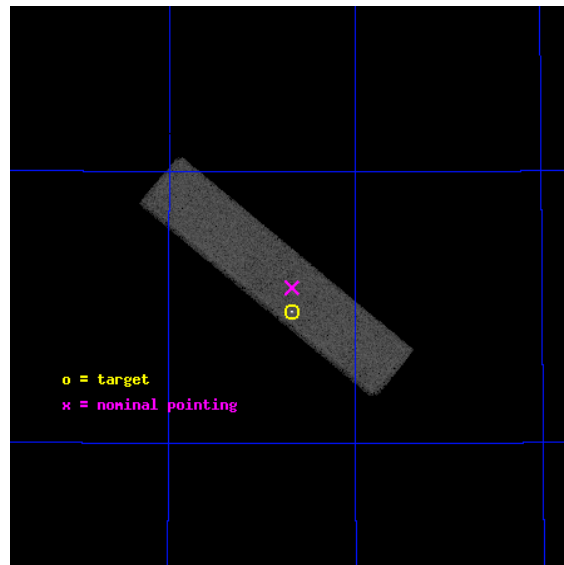
L2 Processing Date : Jul 3 2012

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1 Front

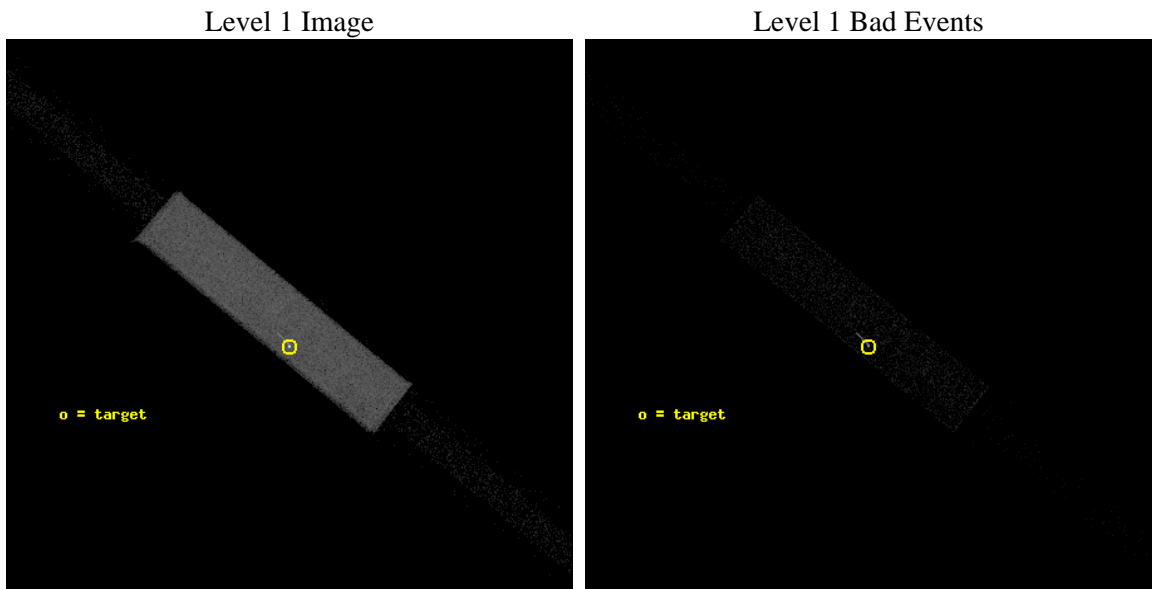
seq_num	290905	Sequence number
obs_id	11916	Observation id
title	AO-11 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.17003106764	Nominal RA [deg]
dec_nom	45.786761806167	Nominal Dec [deg]
roll_nom	219.29962211133	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1157.4813094735	[s]
livetime	1146.2618894597	Ontime multiplied by DTCOR
l2events	85769	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	1157.4813094735	[s]
caldbver	4.5.0	 	l1events	128222	Number of level 1 events
date	2012-07-03T23:51:45	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

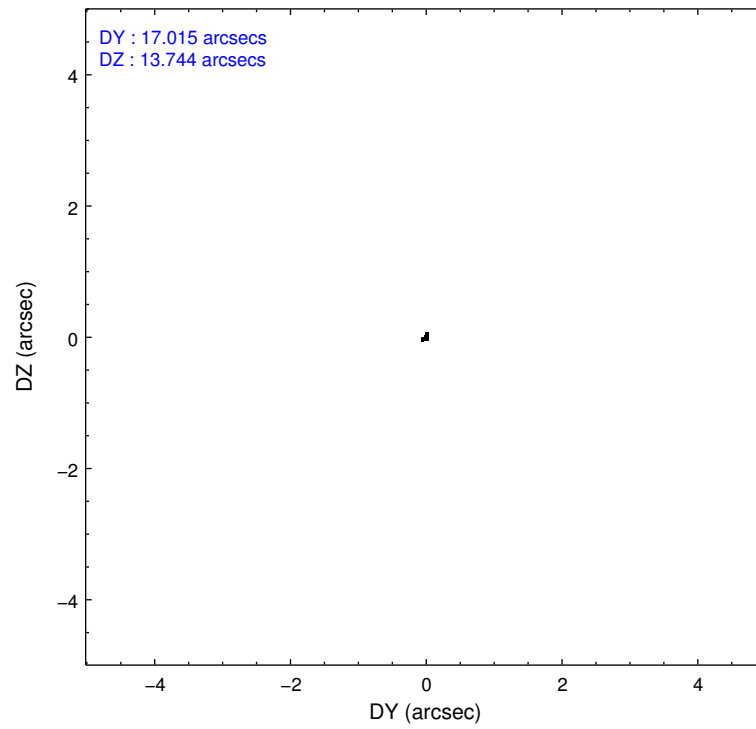
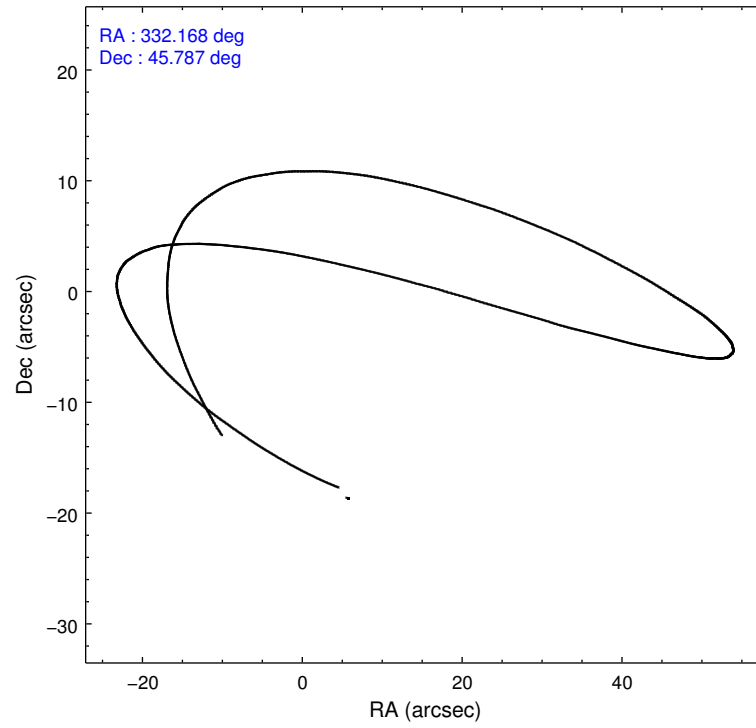
	segment 1	segment 2	segment 3
level 1 events	1354	125646	1222
rejected events	1354	27391	1222
rejected %	100%	21%	100%

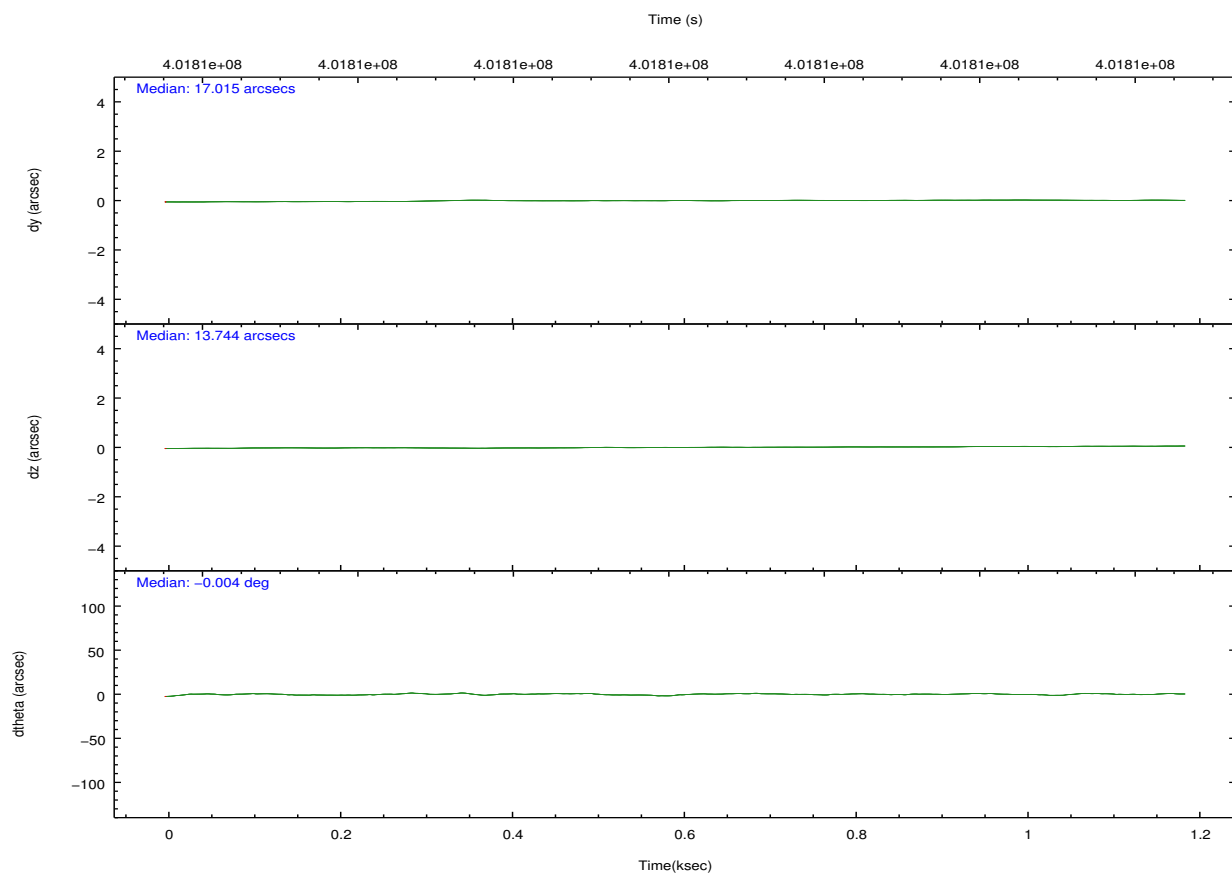
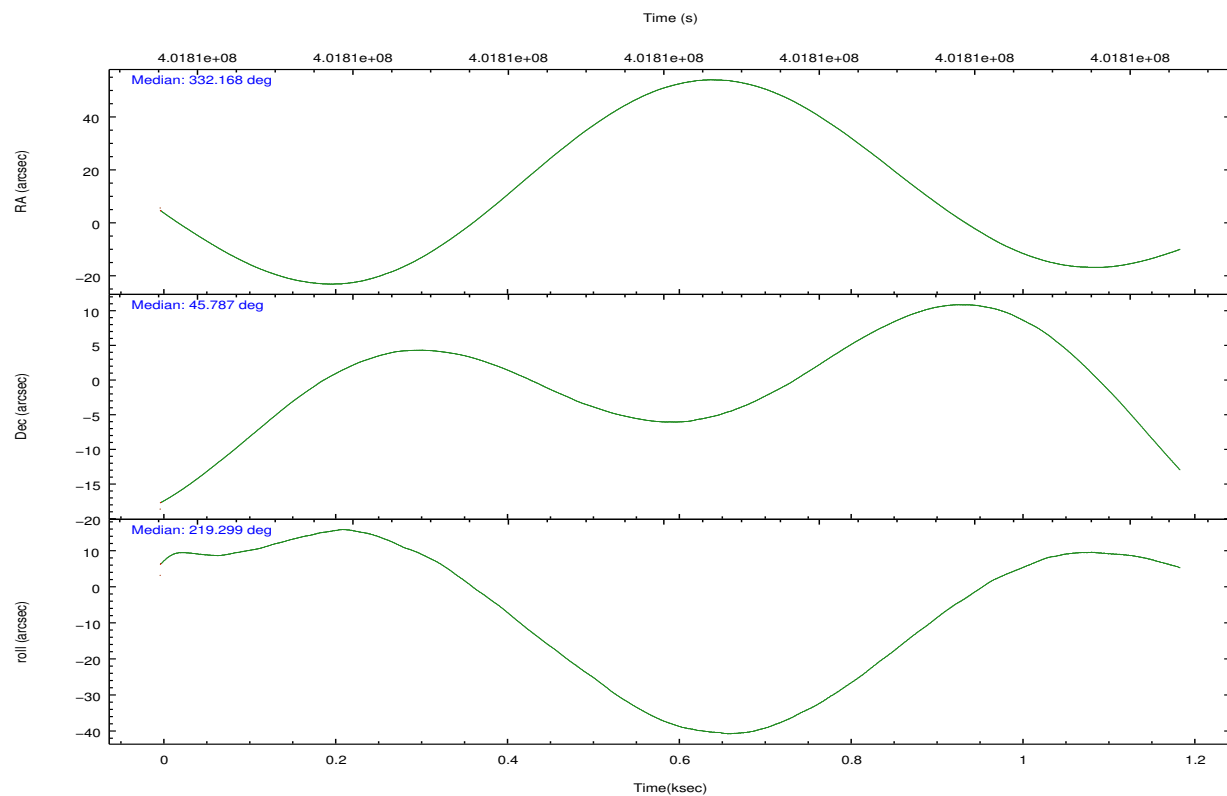
2.2 Compared Parameters

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	332.184059	332.1700310676376
[deg] Pointing Dec	45.813569	45.78676180616702
[deg] Pointing Roll	219.222185	219.2996221113291
[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)	401810199.184000	401809823.73905
Observation start date	2010-09-25T13:55:33	2010-09-25T13:50:23
[s] Observation end time (MET)	401811199.184000	401811333.56412
Observation end date	2010-09-25T14:12:13	2010-09-25T14:15:33

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

2.3 Aspect



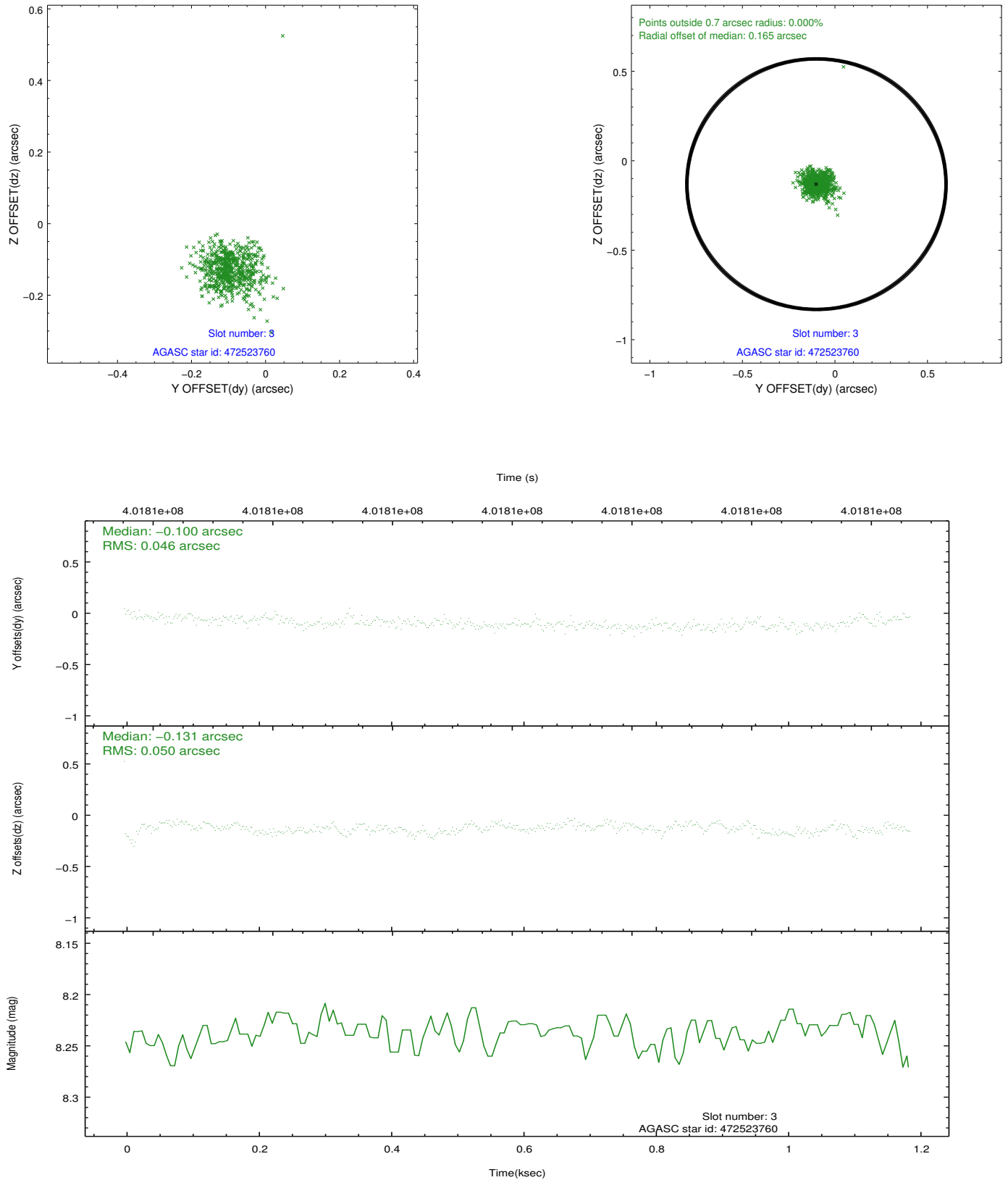


Slot Statistics

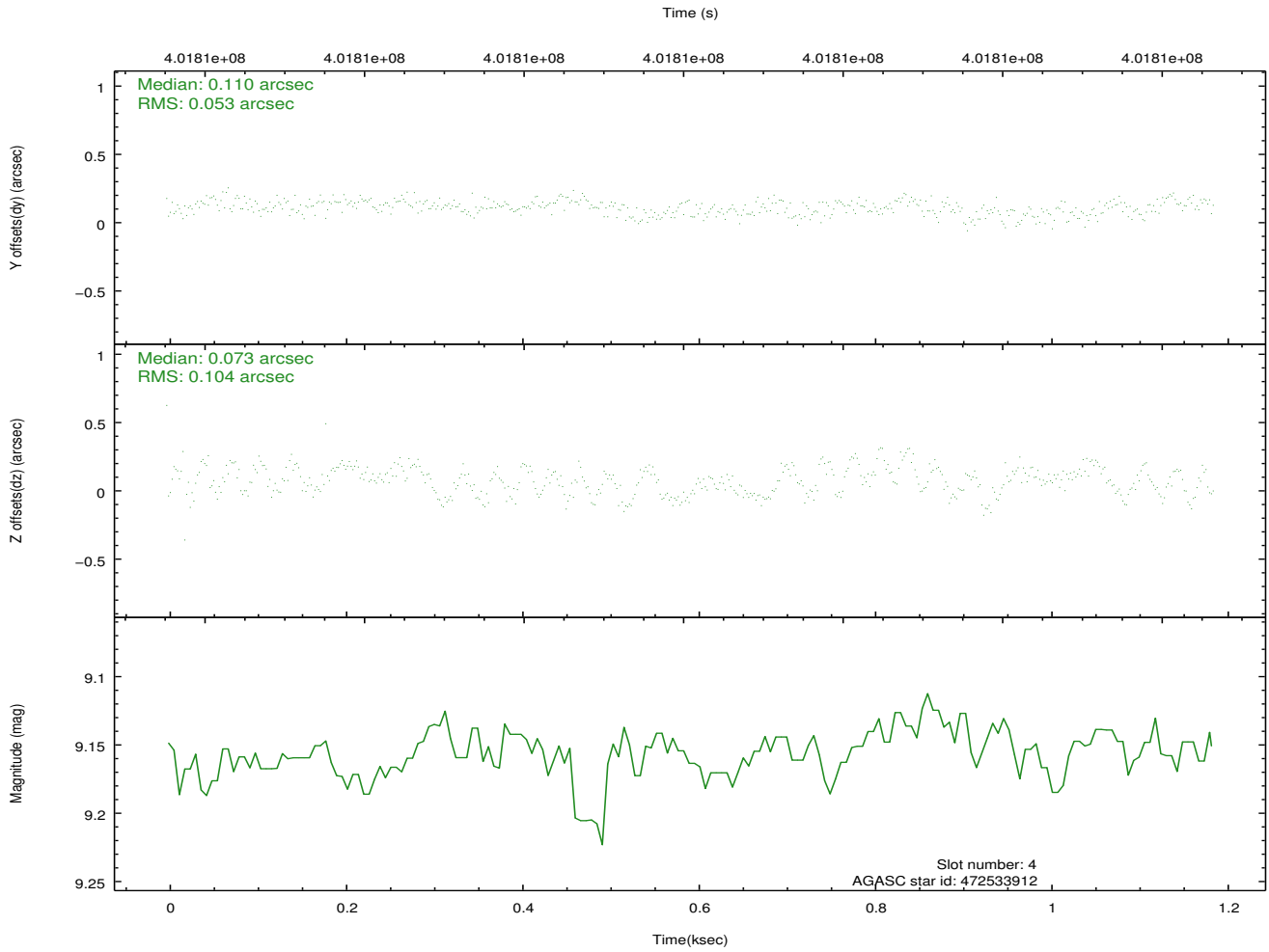
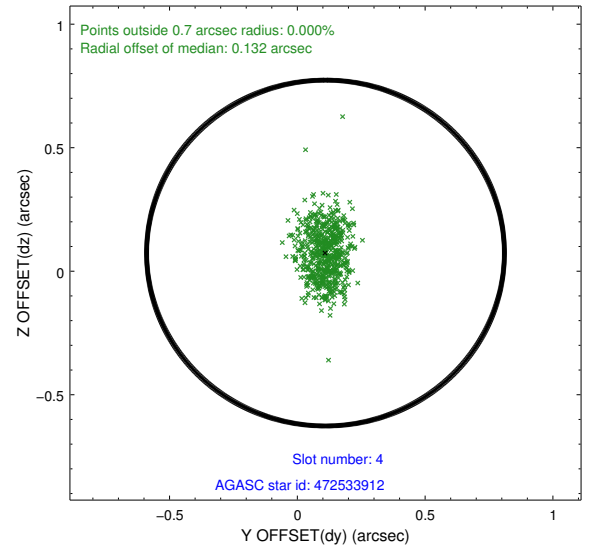
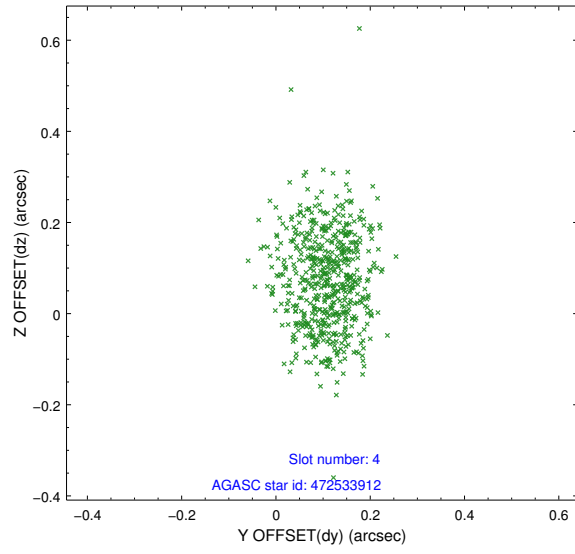
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	290	0.040	-0.166	0.006	0.010	0.000000	0.000000	-1171.50	-462.59
1	FID	HRC-S-2	6.96	290	0.282	-0.126	0.005	0.009	0.000000	0.000000	1224.36	-456.76
2	FID	HRC-S-3	7.00	290	0.068	-0.009	0.007	0.011	0.000000	0.000000	-1169.98	565.52
3	GUIDE	472523760	8.24	580	-0.100	-0.131	0.065	0.106	331.645363	45.403260	1984.82	283.76
4	GUIDE	472533912	9.16	580	0.110	0.073	0.120	0.194	331.791136	46.368695	-506.61	-2162.70
5	GUIDE	472654568	9.42	578	-0.039	0.064	0.110	0.165	332.194449	45.063576	1684.64	2108.90
6	GUIDE	472655152	9.42	579	-0.024	-0.140	0.123	0.225	332.504239	45.862991	-733.64	376.08
7	GUIDE	472665256	9.03	579	0.055	0.138	0.089	0.151	332.808125	46.195041	-2079.33	-80.54

2.4 Star Slots

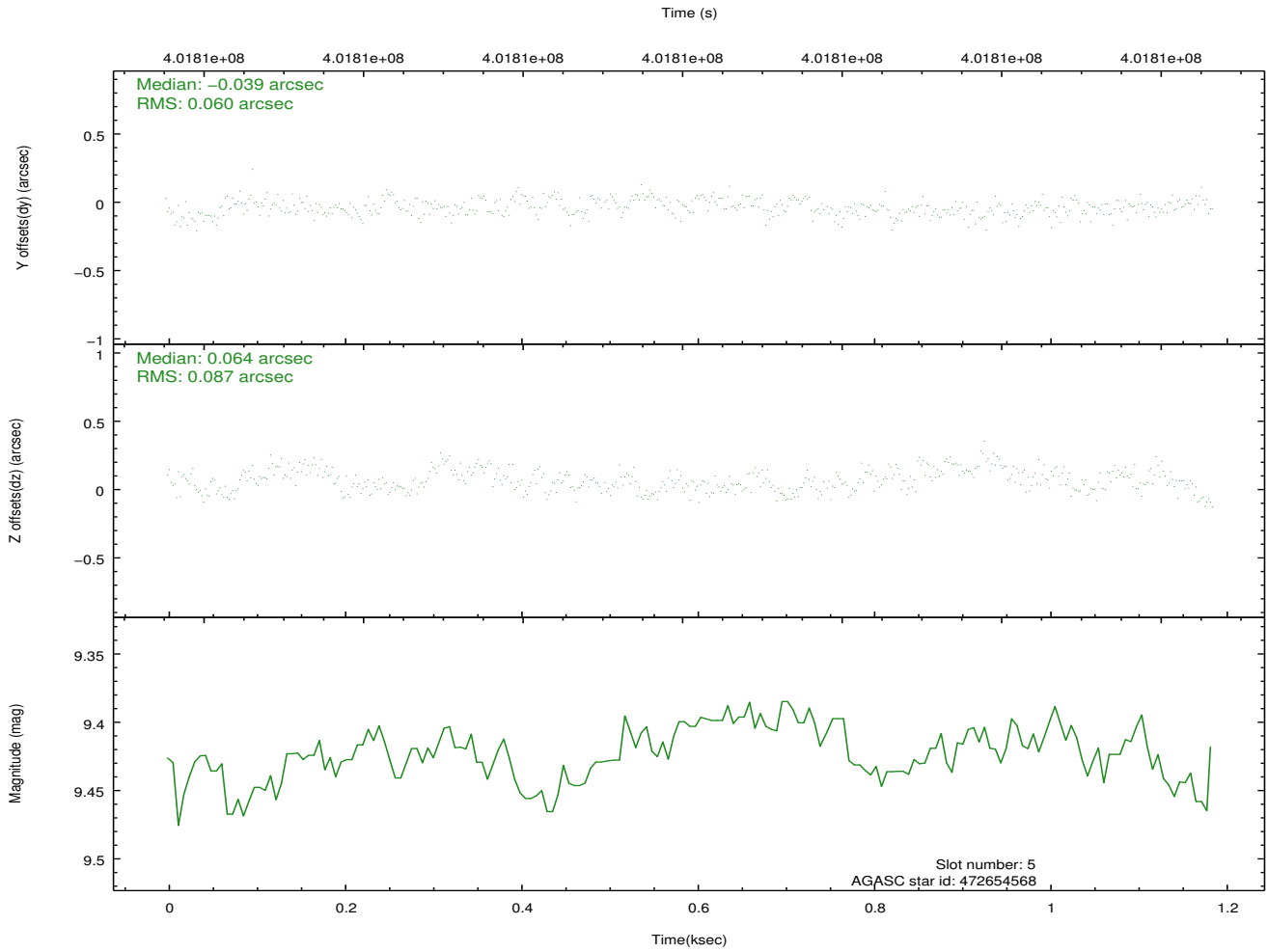
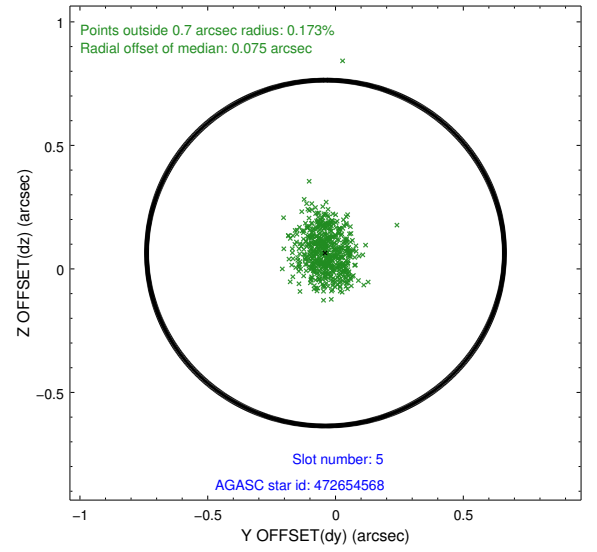
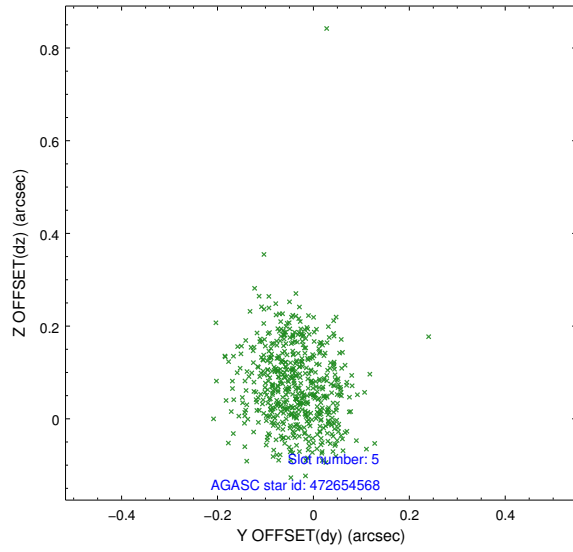
2.4.1 Slot 3



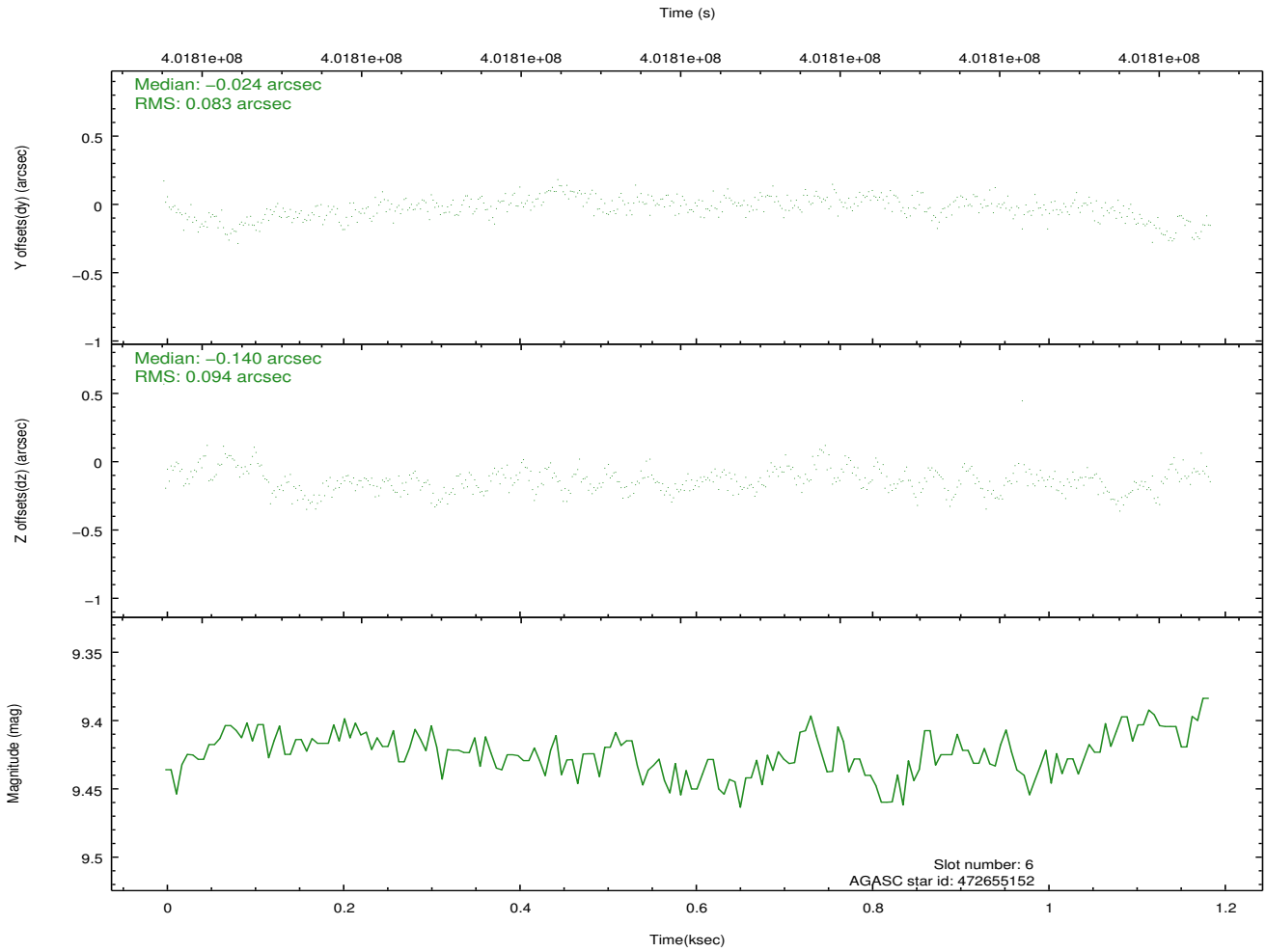
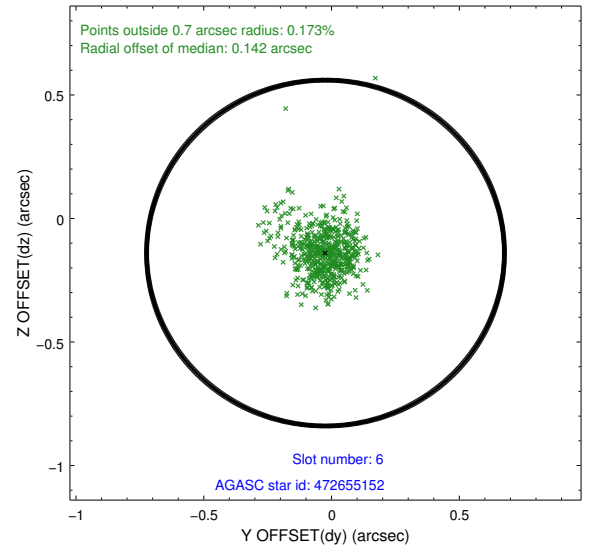
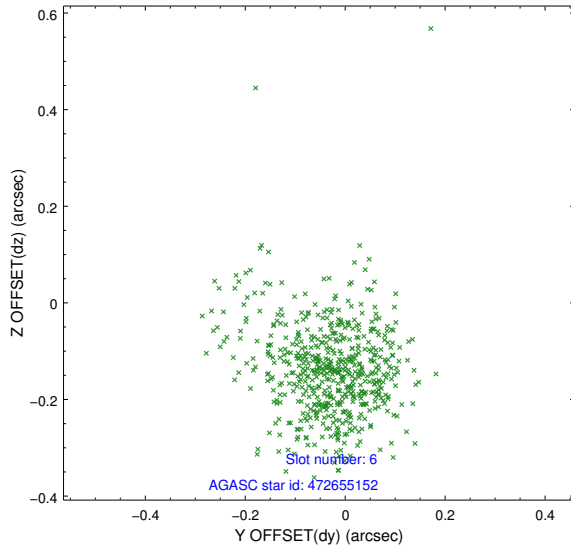
2.4.2 Slot 4



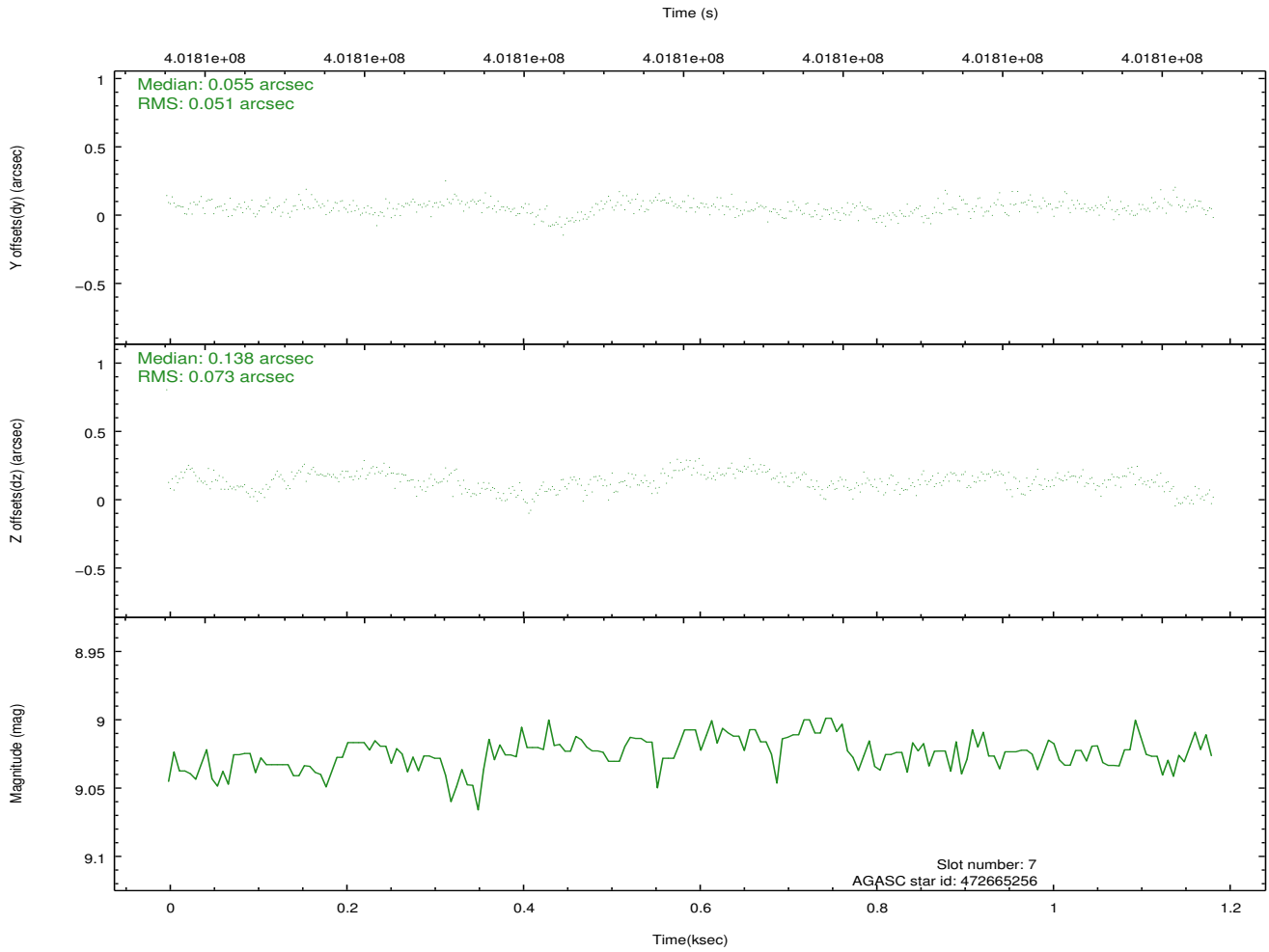
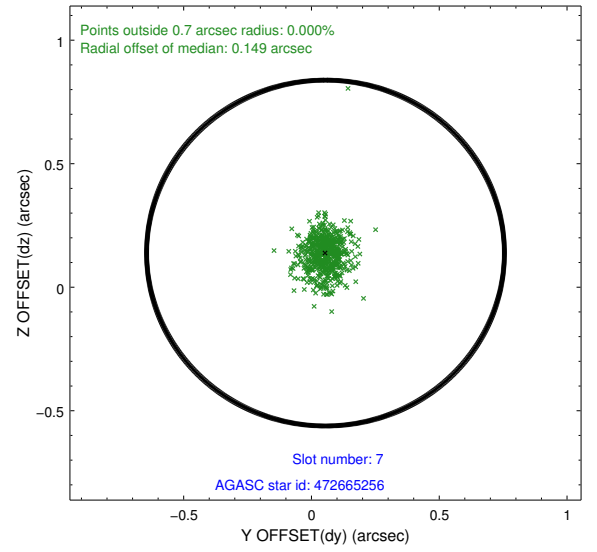
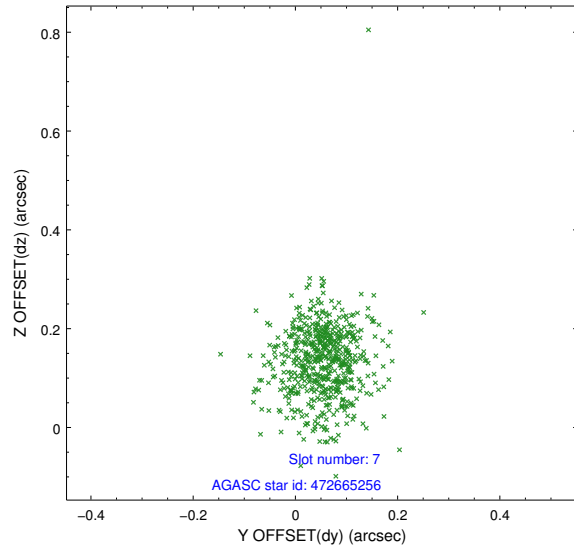
2.4.3 Slot 5



2.4.4 Slot 6

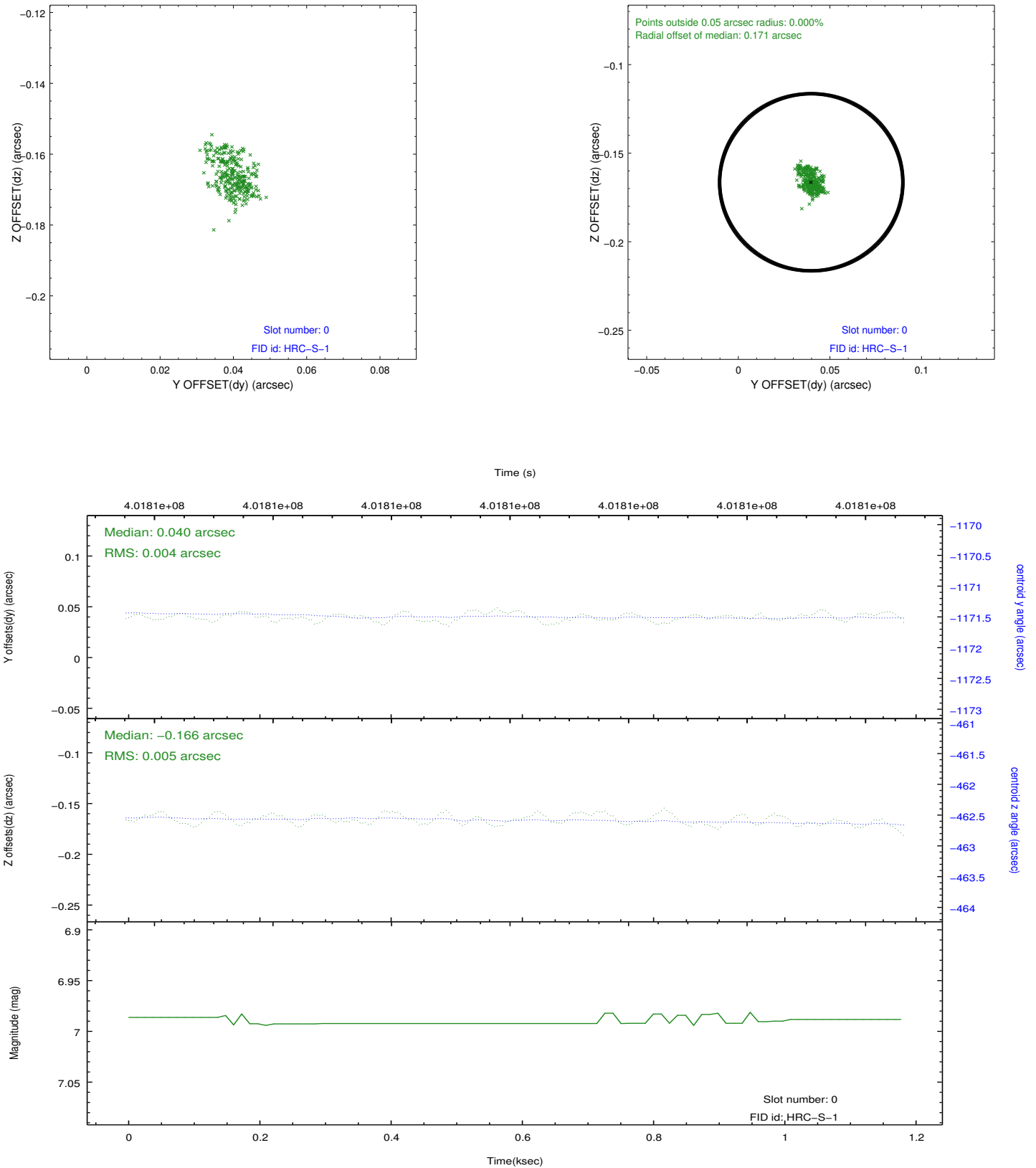


2.4.5 Slot 7

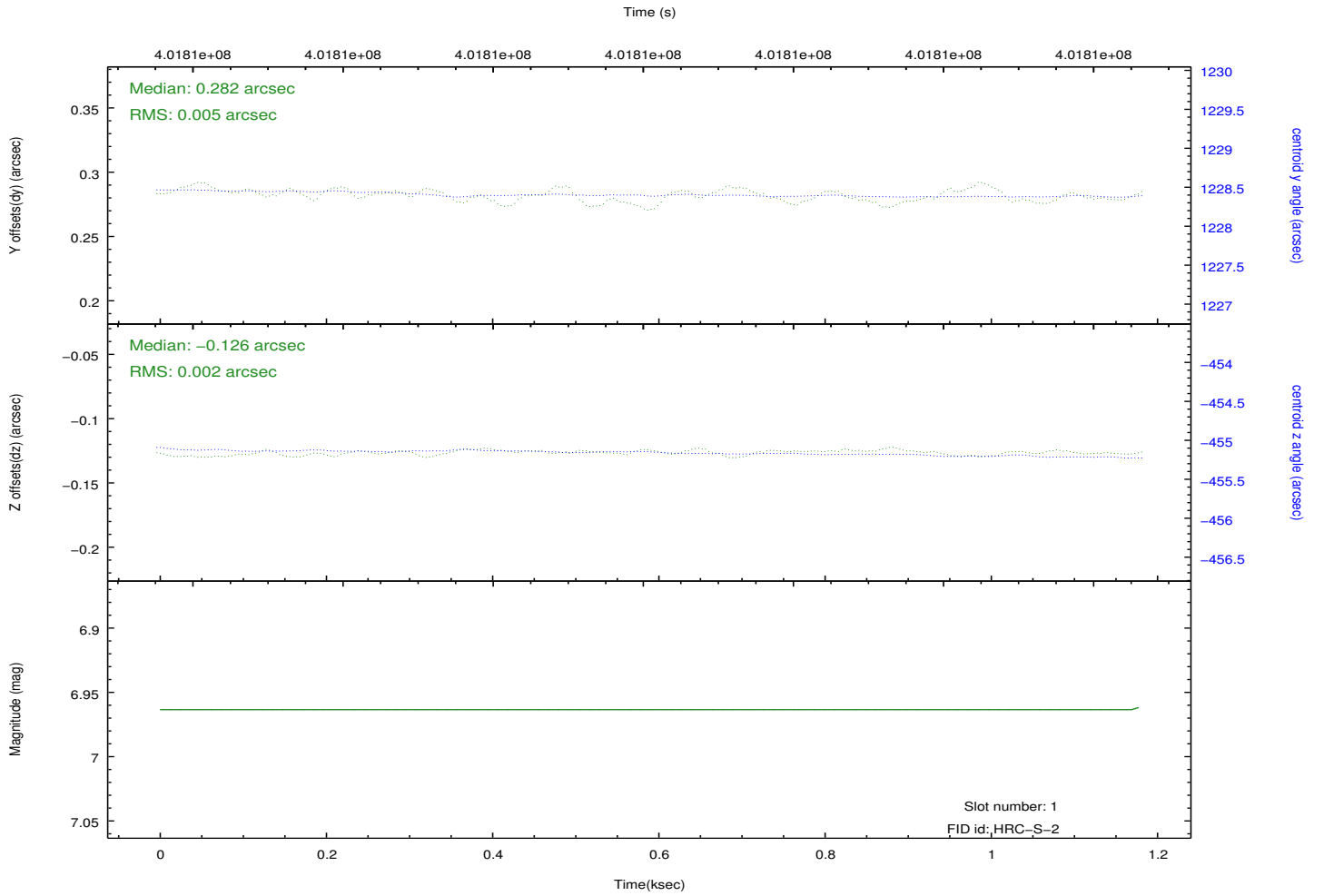
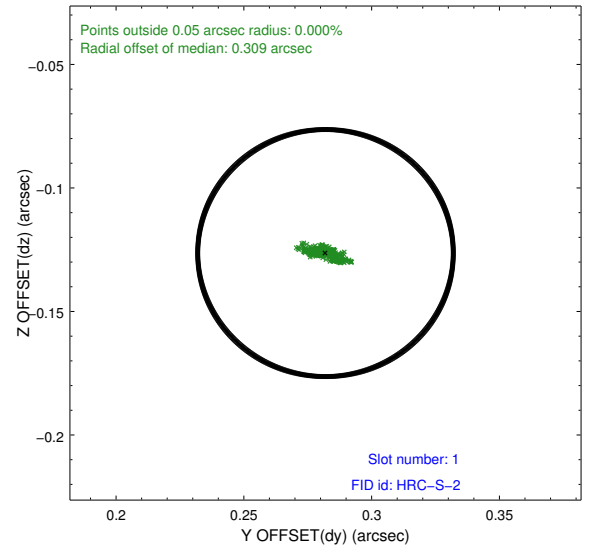
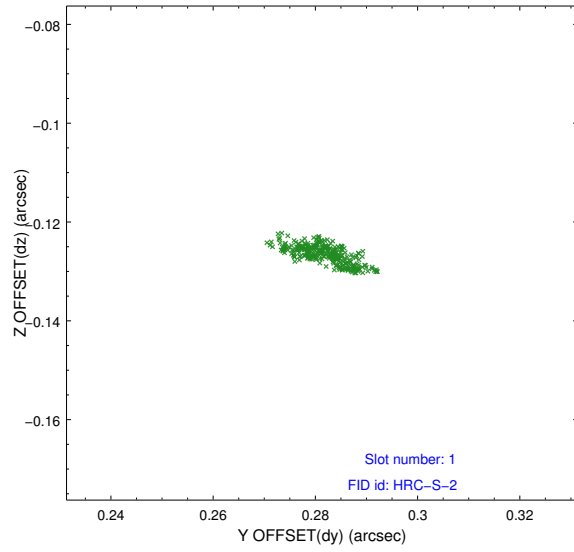


2.5 FID Slots

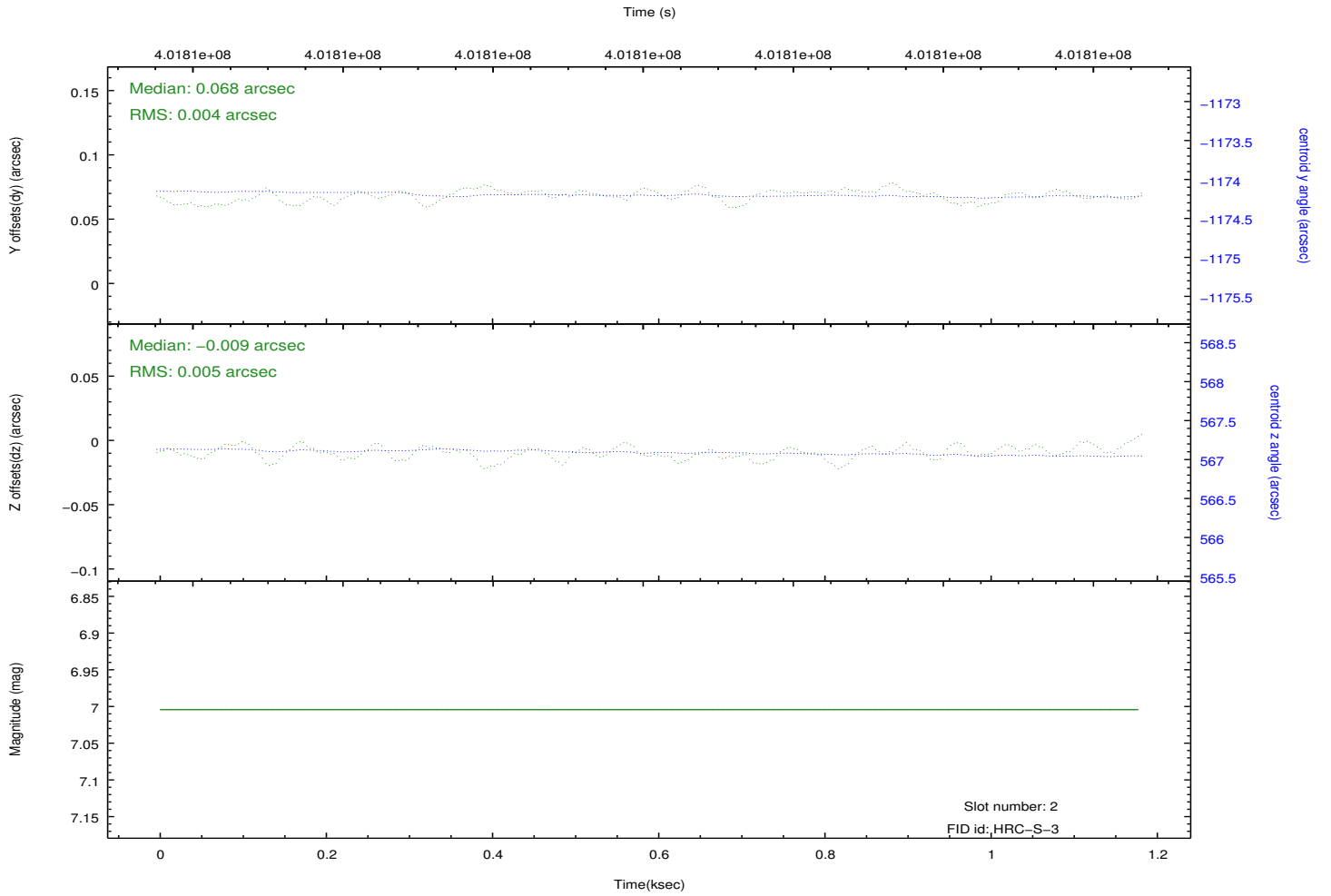
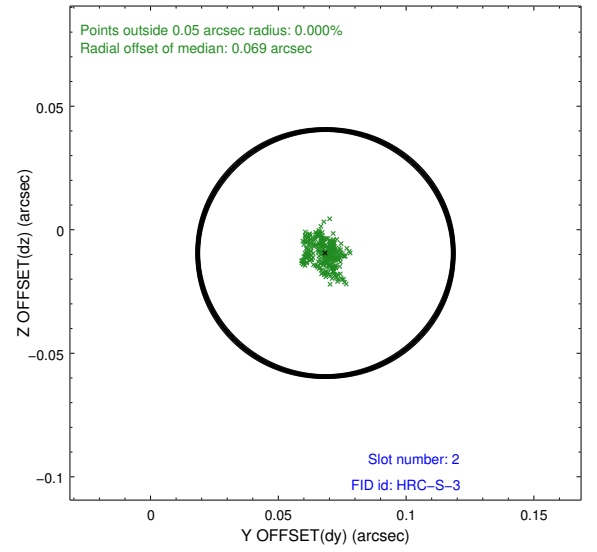
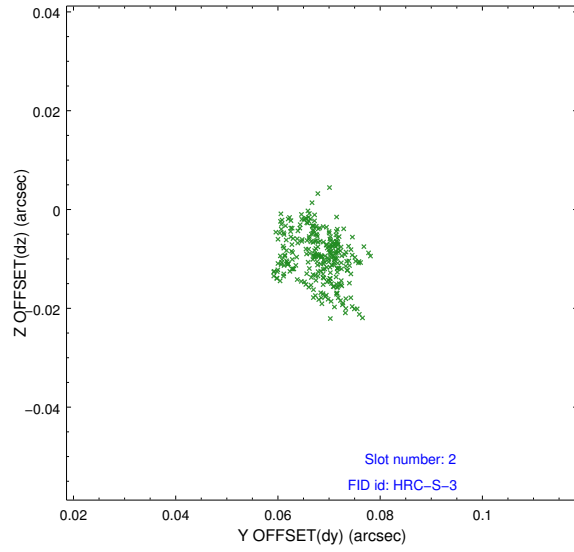
2.5.1 Slot 0



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	1.1574813094139

A.2 Comments