

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8322 - L2 Version 3
Chandra X-Ray Center

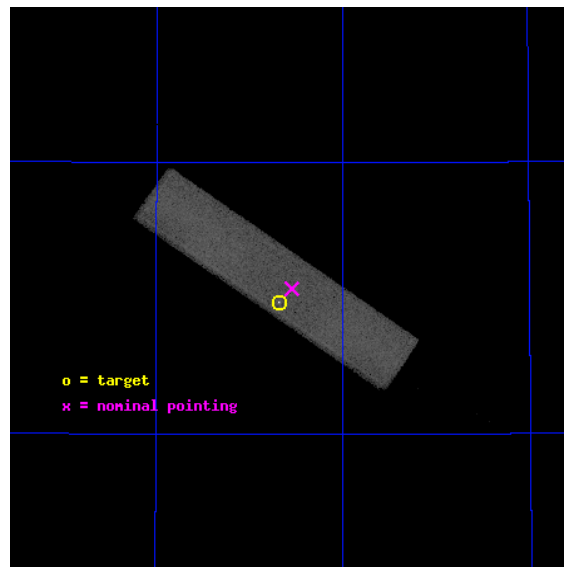
L2 Processing Date : Aug 11 2012

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1 Front

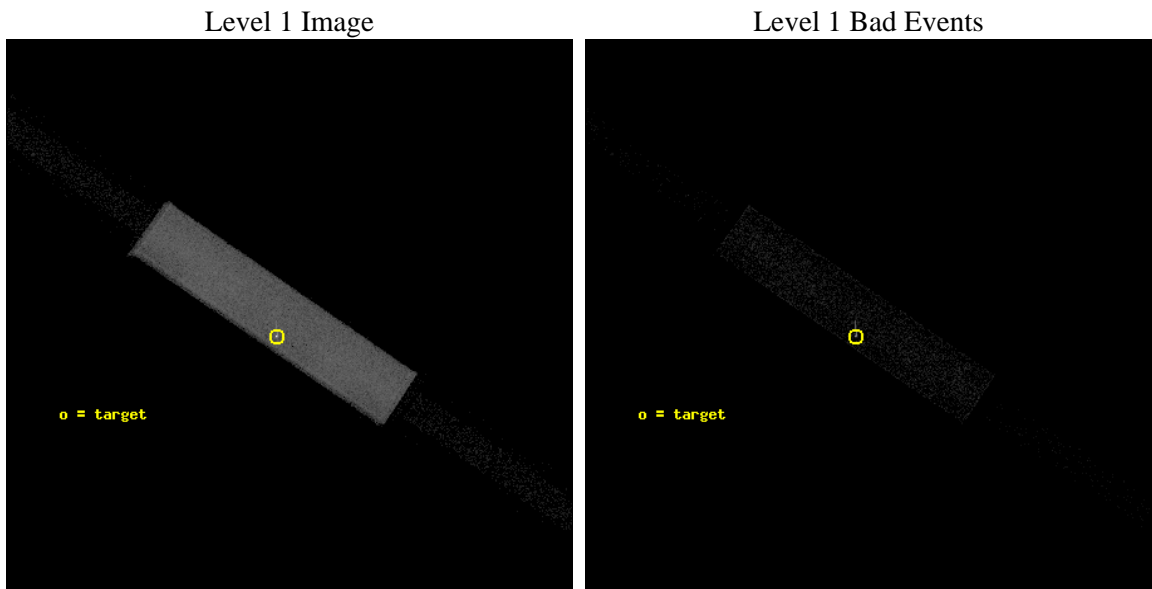
seq_num	290701	Sequence number
obs_id	8322	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.13625602818	Nominal RA [deg]
dec_nom	45.767824347811	Nominal Dec [deg]
roll_nom	214.29149388718	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1161.5813059211	[s]
livetime	1129.6487680561	Ontime multiplied by DTCOR
l2events	113449	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	1161.5813059211	[s]
caldbver	4.5.1.1	 	l1events	179169	Number of level 1 events
date	2012-08-12T02:44:40	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

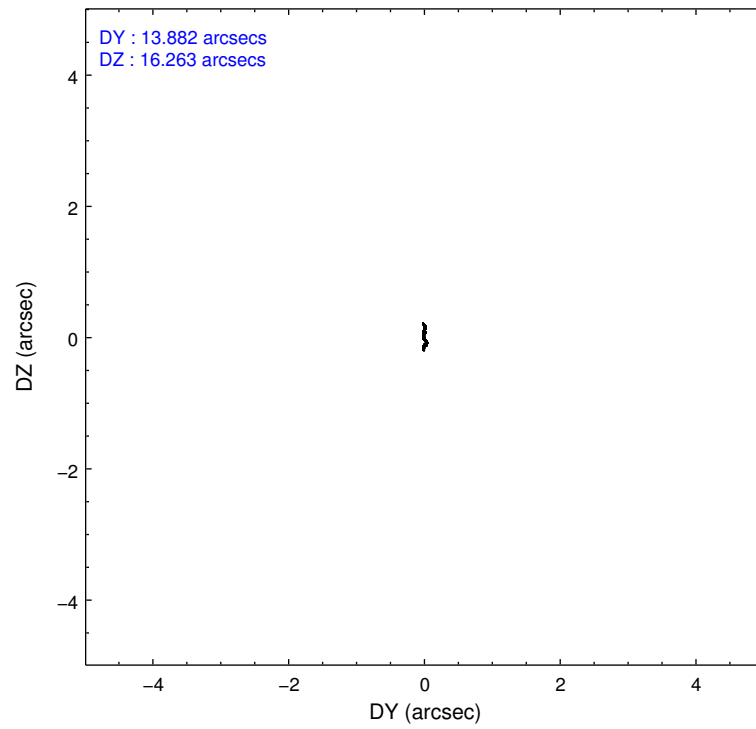
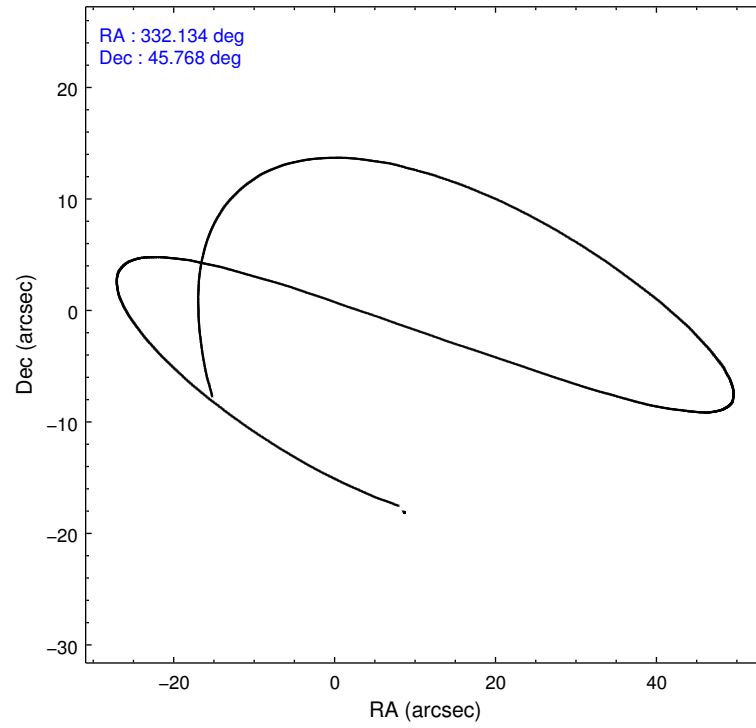
	segment 1	segment 2	segment 3
level 1 events	1747	175880	1542
rejected events	1747	47635	1535
rejected %	100%	27%	99%

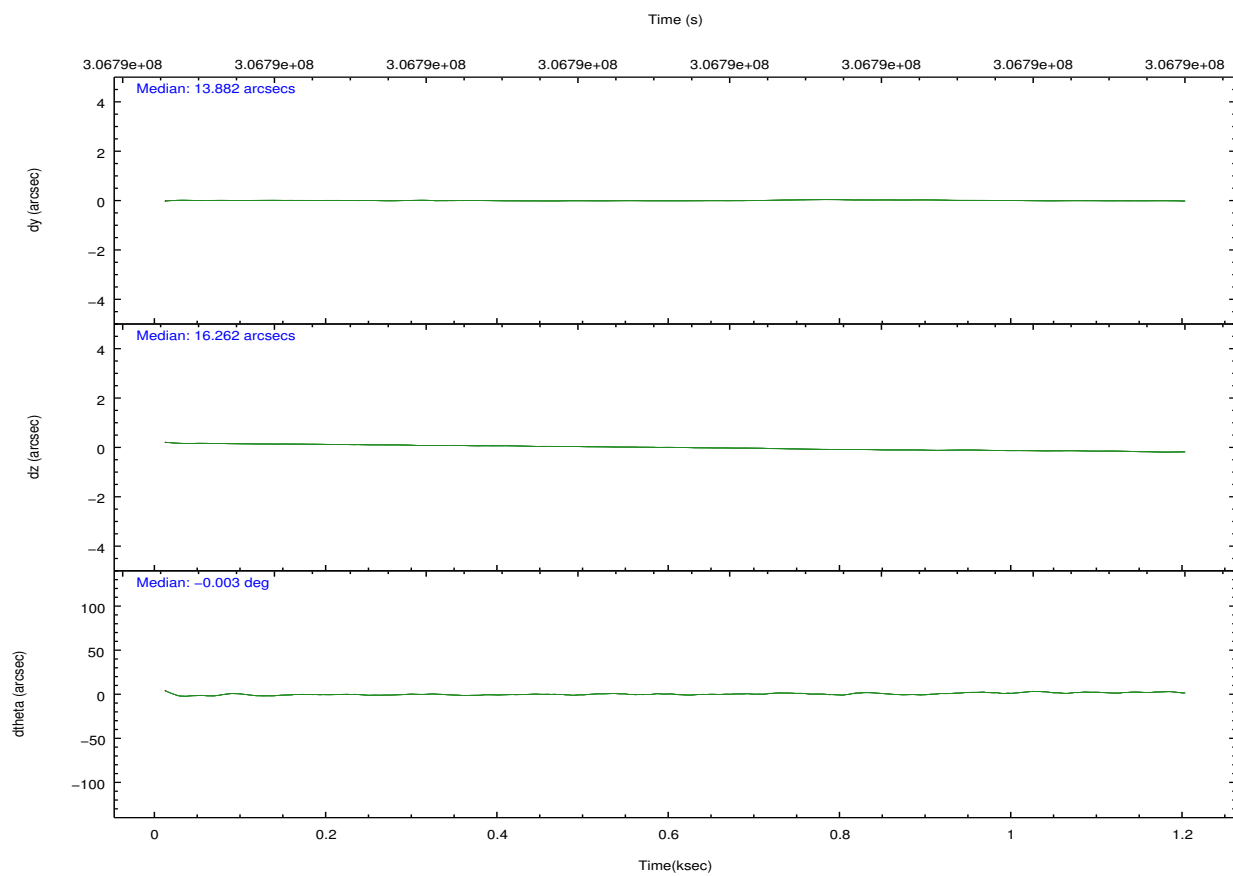
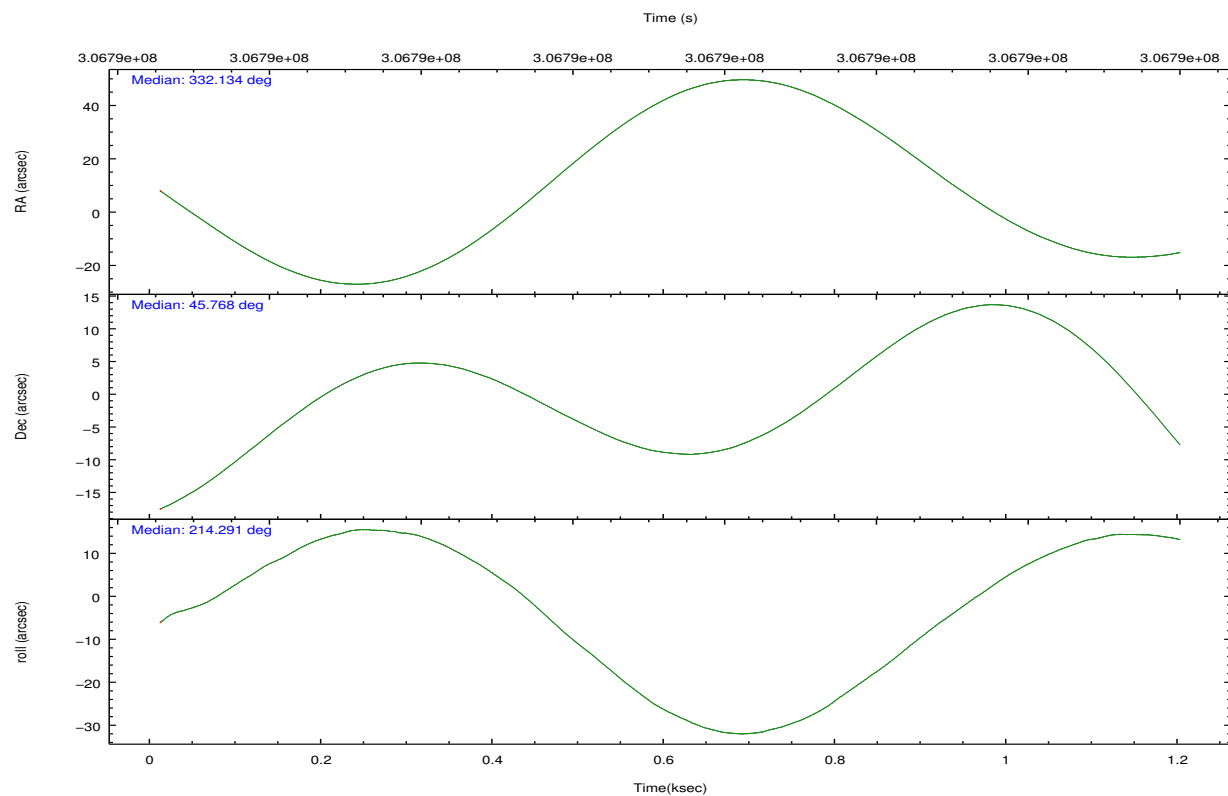
2.2 Compared Parameters

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	332.153438	332.1362560281764
[deg] Pointing Dec	45.793691	45.76782434781138
[deg] Pointing Roll	214.211849	214.2914938871786
[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)	306787723.184000	306787347.48067
Observation start date	2007-09-21T18:47:38	2007-09-21T18:42:27
[s] Observation end time (MET)	306788723.184000	306788857.30574
Observation end date	2007-09-21T19:04:18	2007-09-21T19:07:37

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

2.3 Aspect



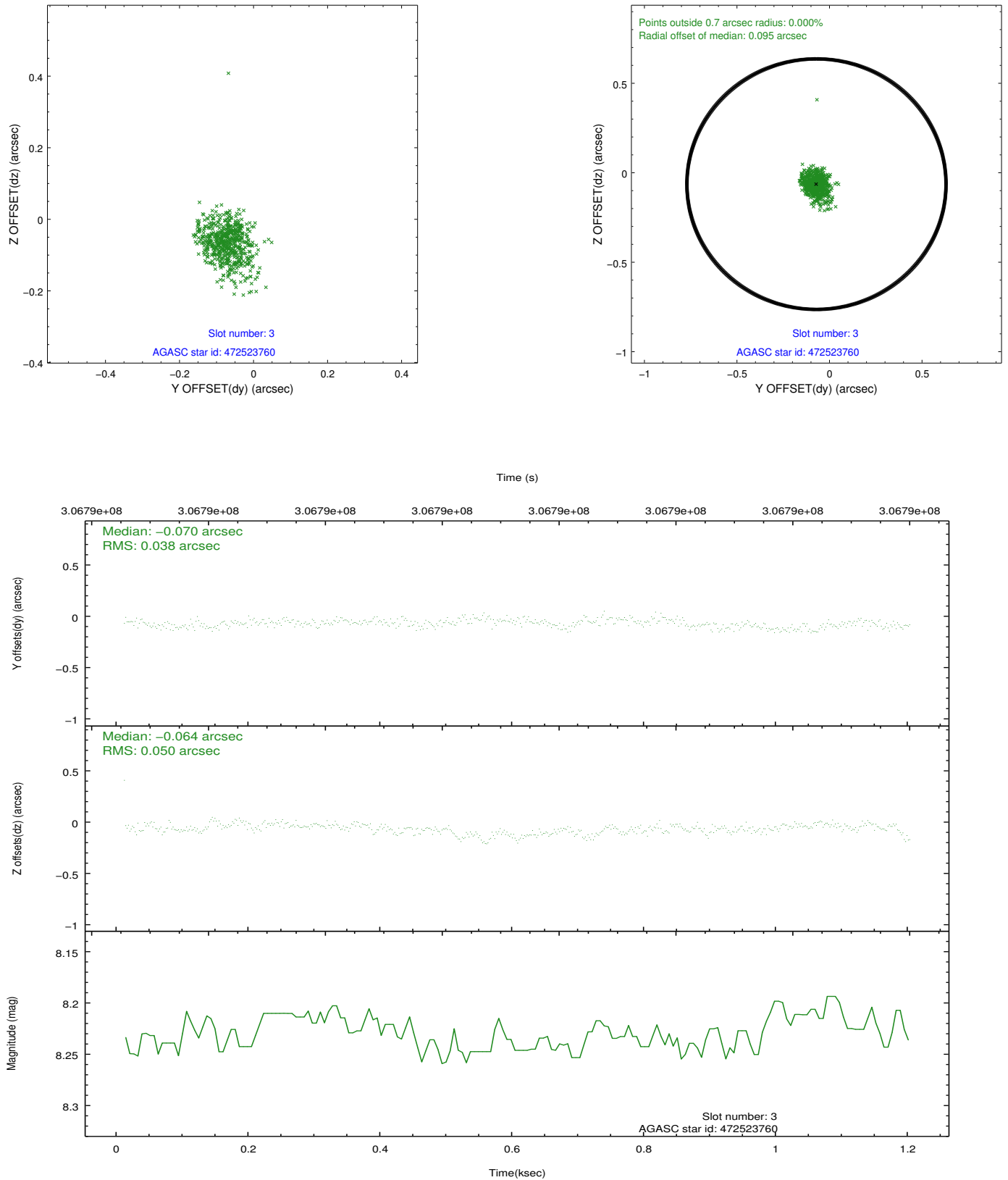


Slot Statistics

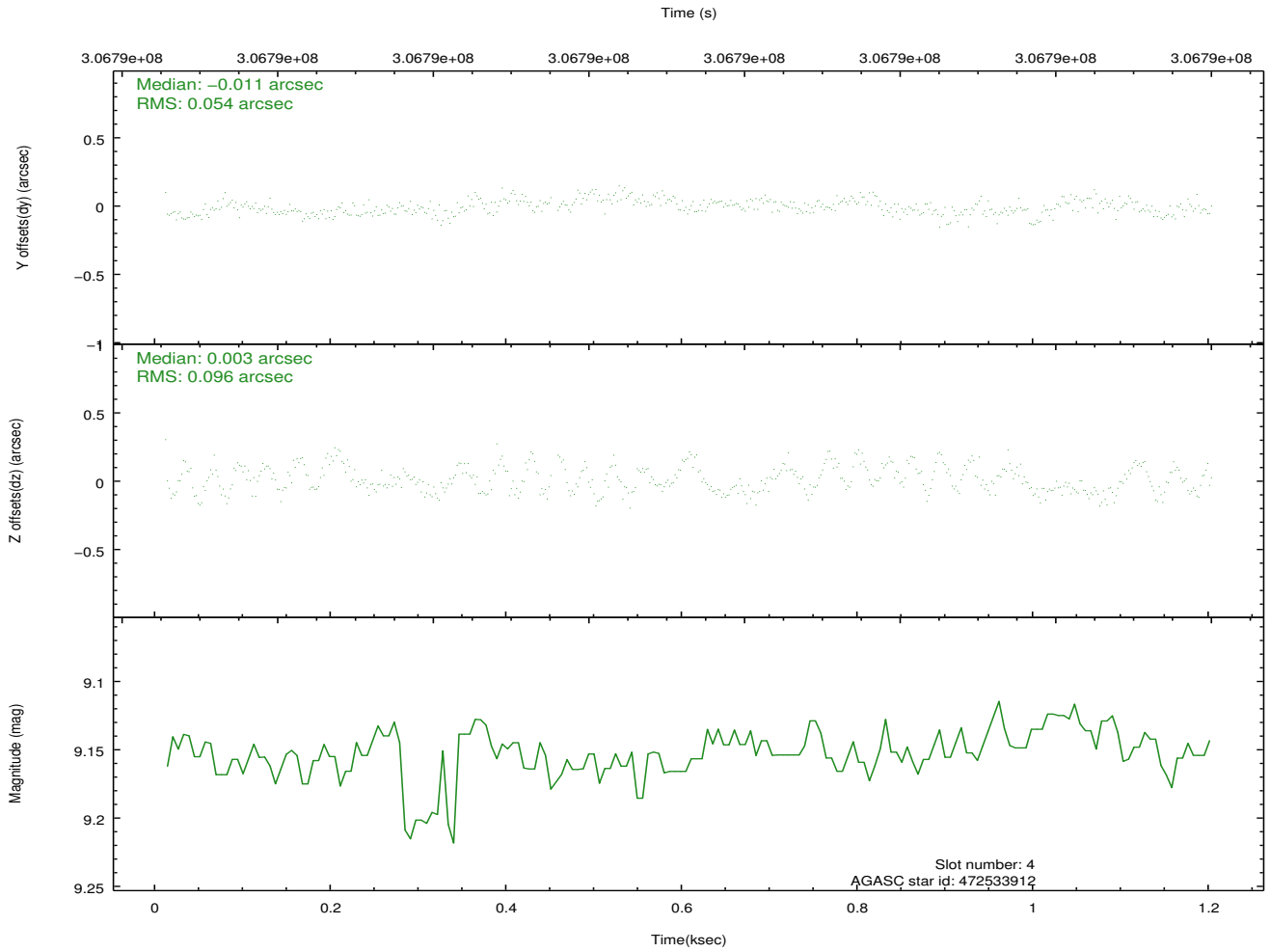
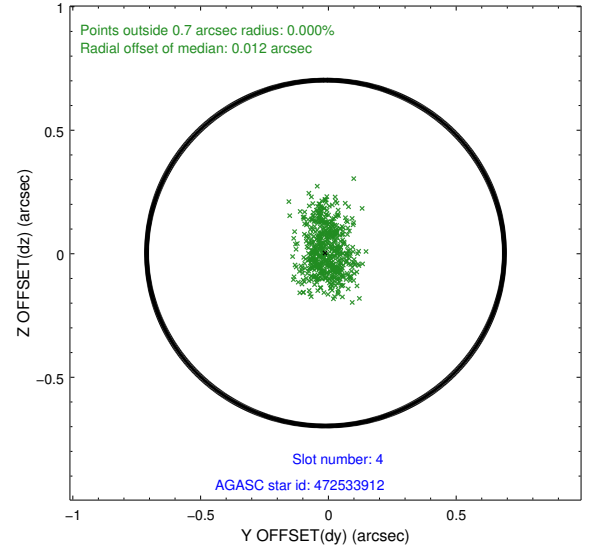
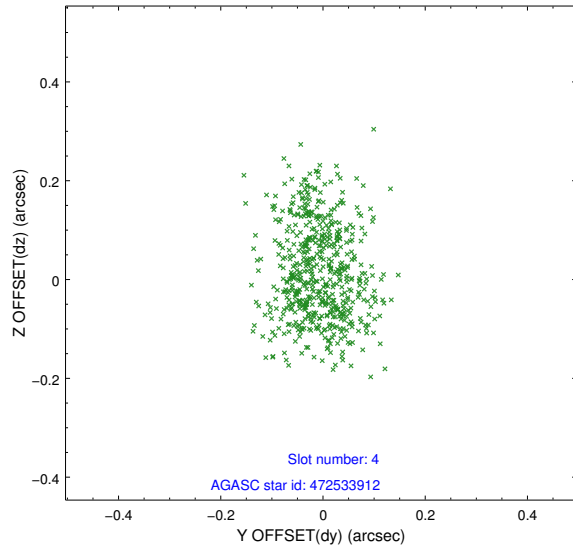
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.06	291	0.134	-0.193	0.010	0.022	0.000000	0.000000	1231.47	-457.81
1	FID	HRC-S-3	7.07	291	0.091	-0.099	0.007	0.014	0.000000	0.000000	-1166.72	562.87
2	FID	HRC-S-4	7.01	291	0.181	-0.003	0.012	0.021	0.000000	0.000000	1226.09	569.03
3	GUIDE	472523760	8.23	582	-0.070	-0.064	0.064	0.107	331.645363	45.403260	1849.01	440.59
4	GUIDE	472533912	9.15	579	-0.011	0.003	0.117	0.190	331.791136	46.368695	-418.50	-2215.11
5	GUIDE	472655152	9.42	582	-0.010	-0.155	0.104	0.172	332.504239	45.862991	-870.35	286.34
6	GUIDE	472665256	9.00	579	0.069	0.112	0.095	0.147	332.808125	46.195041	-2167.61	-278.99
7	GUIDE	420754040	9.06	581	0.027	0.112	0.086	0.150	331.917939	44.882543	2335.03	2377.79

2.4 Star Slots

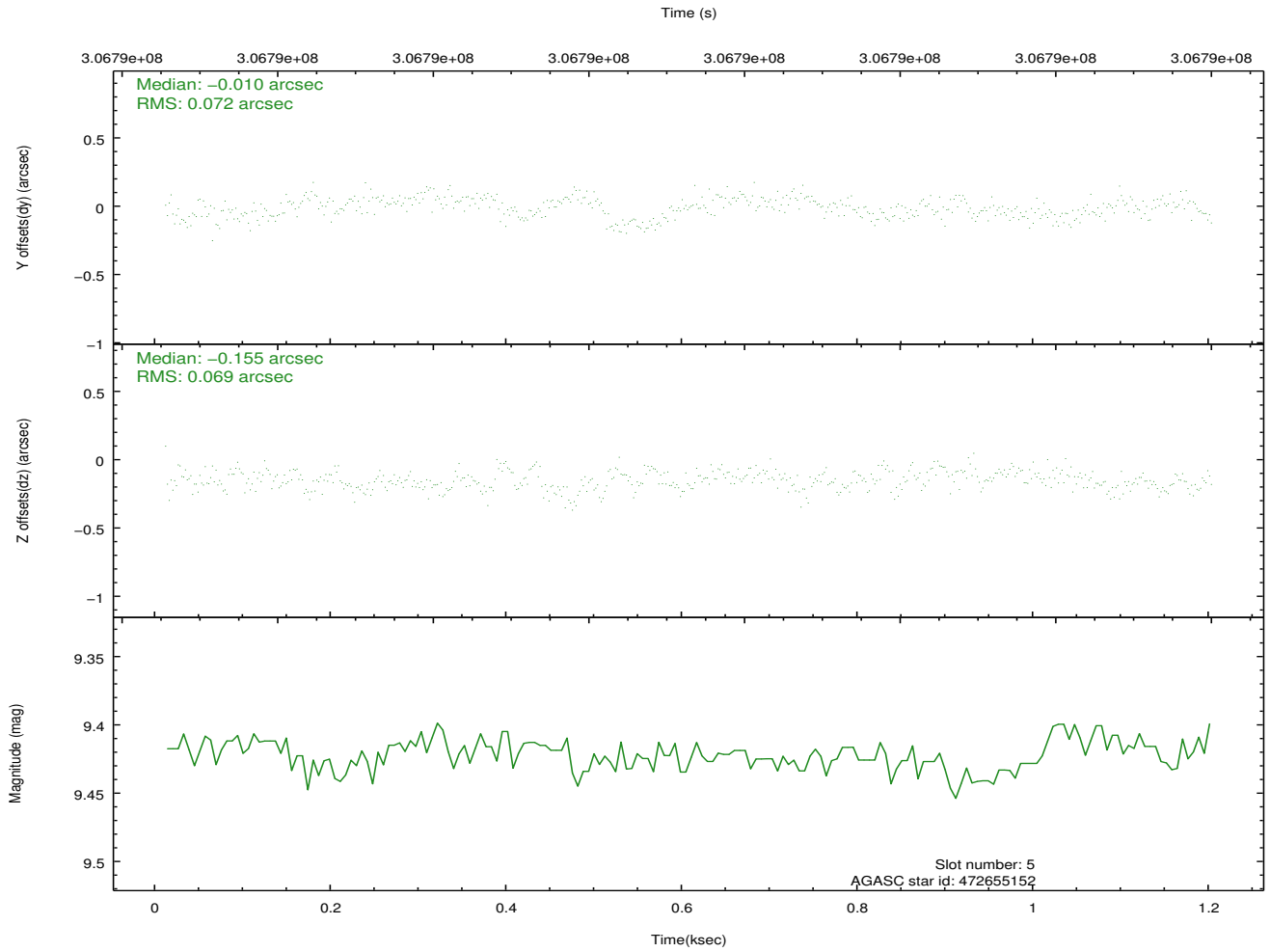
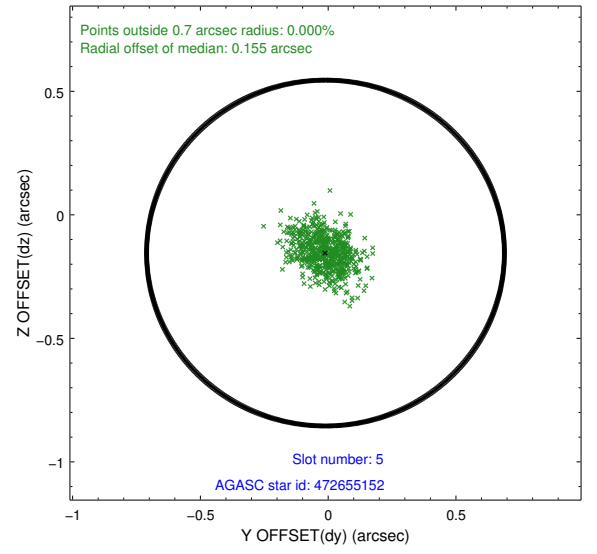
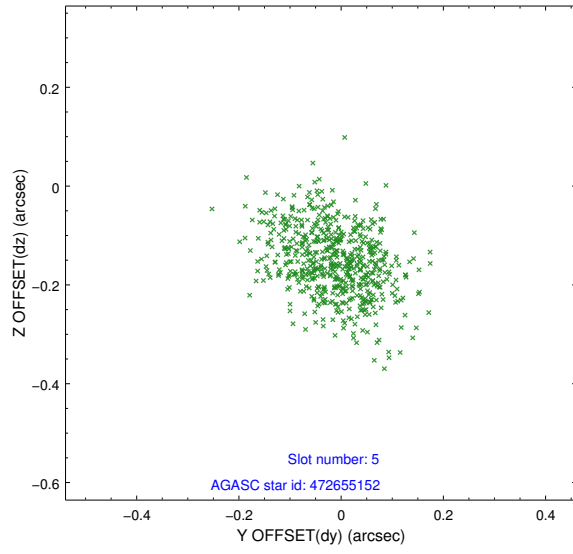
2.4.1 Slot 3



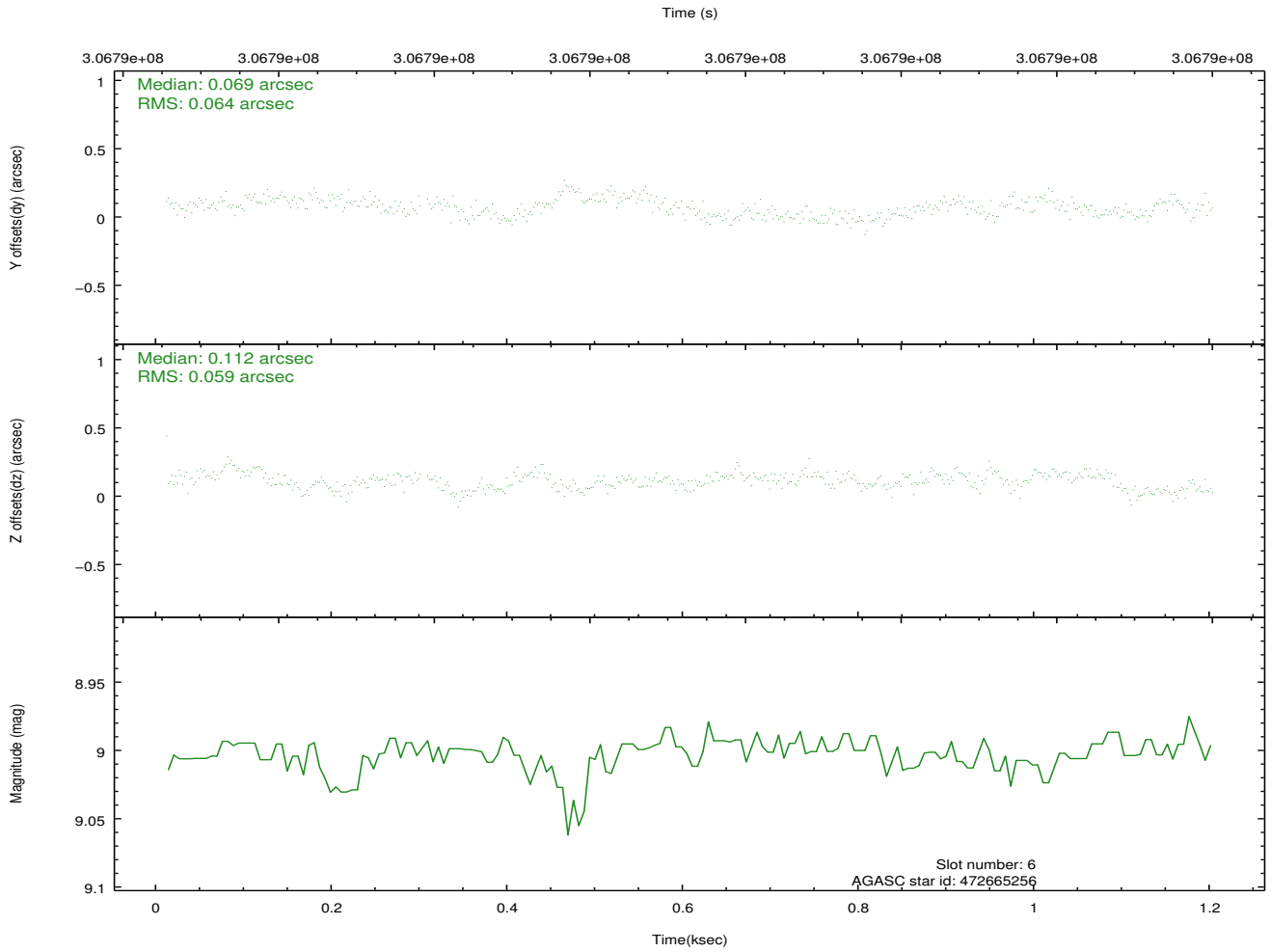
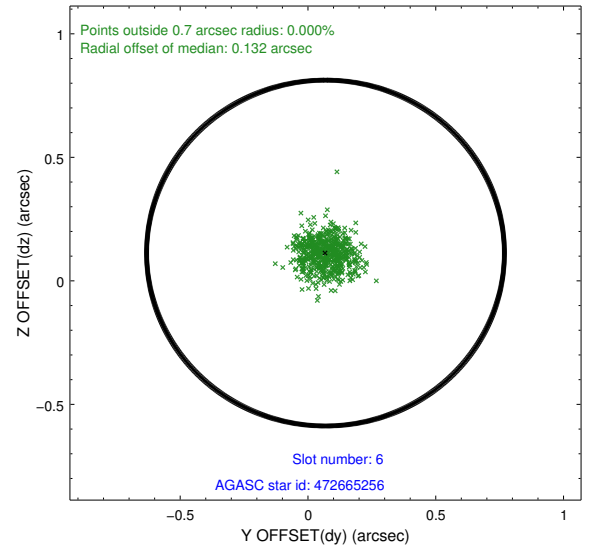
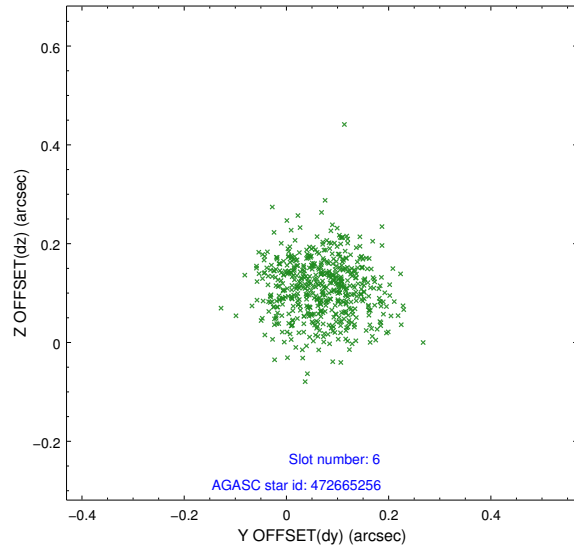
2.4.2 Slot 4



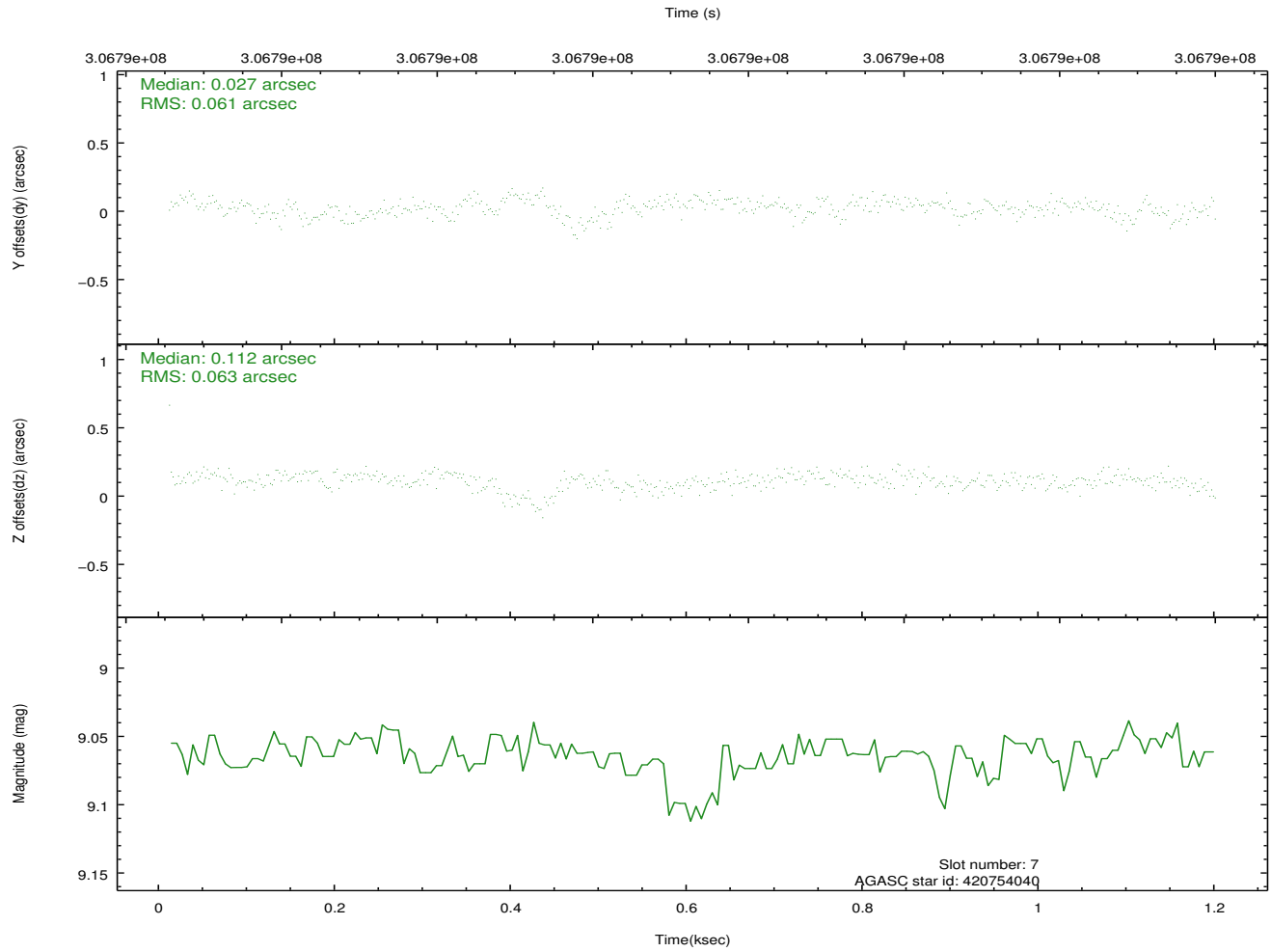
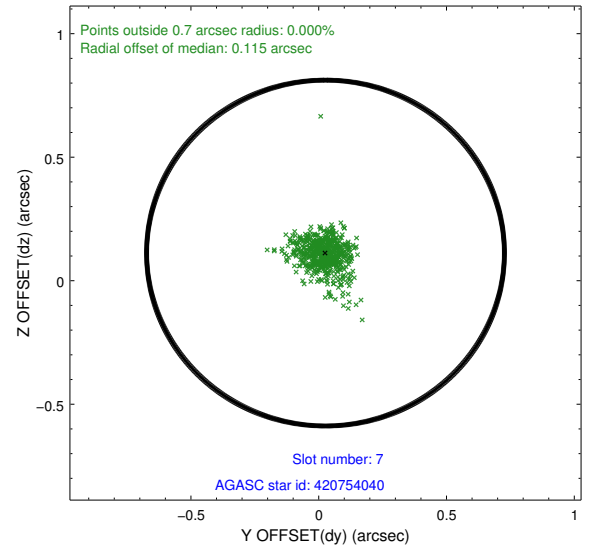
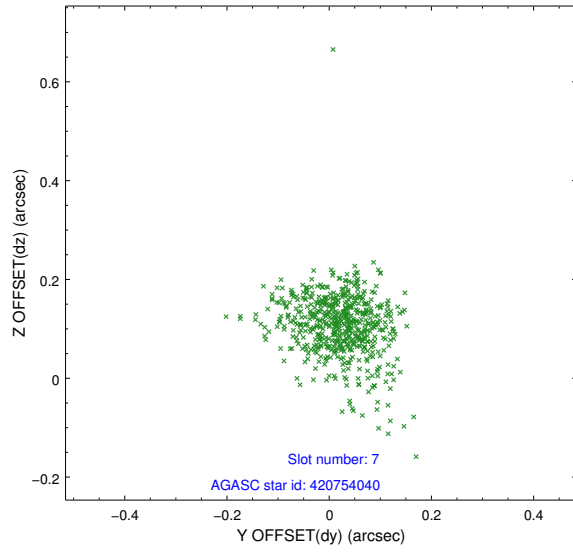
2.4.3 Slot 5



2.4.4 Slot 6

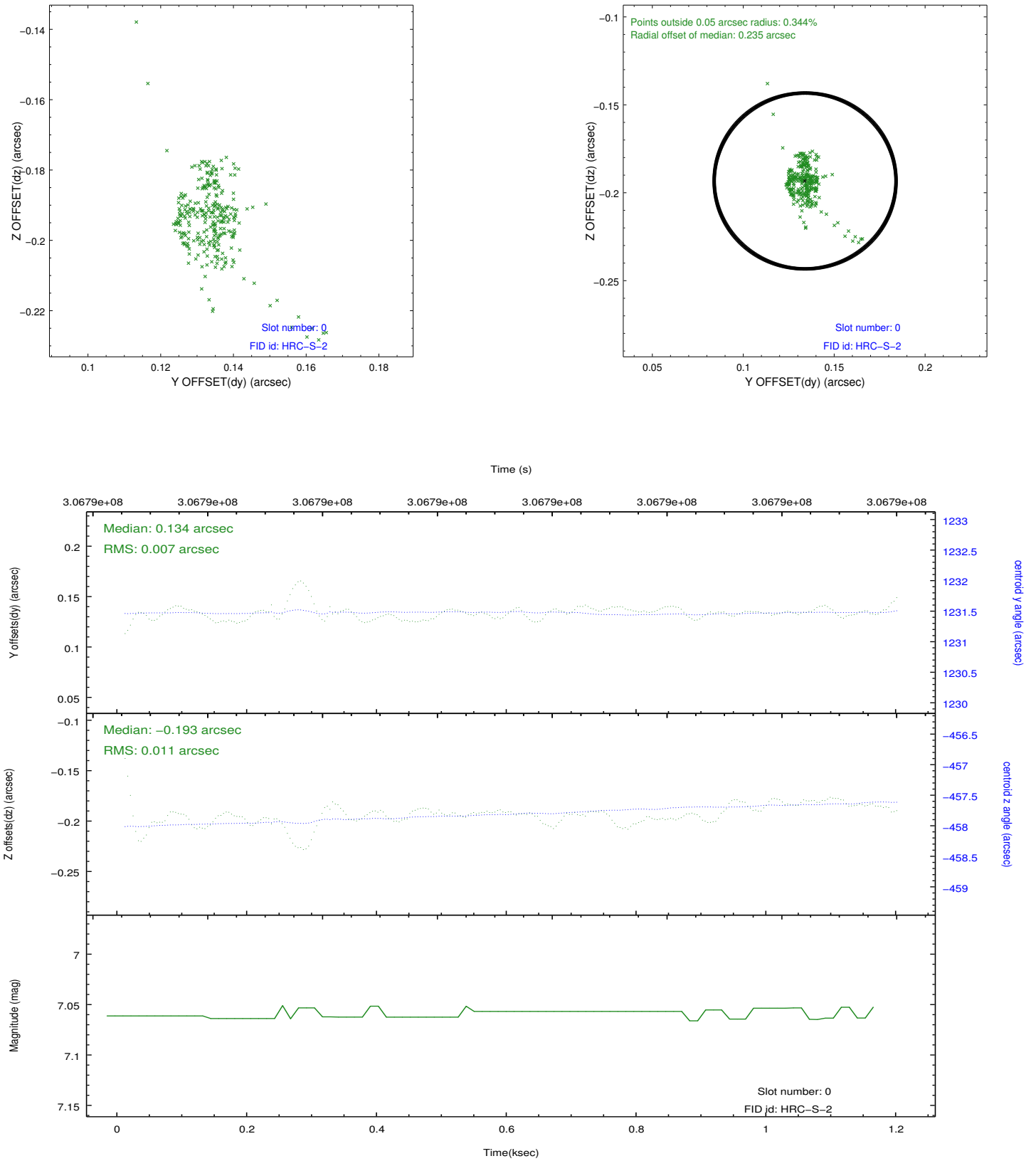


2.4.5 Slot 7

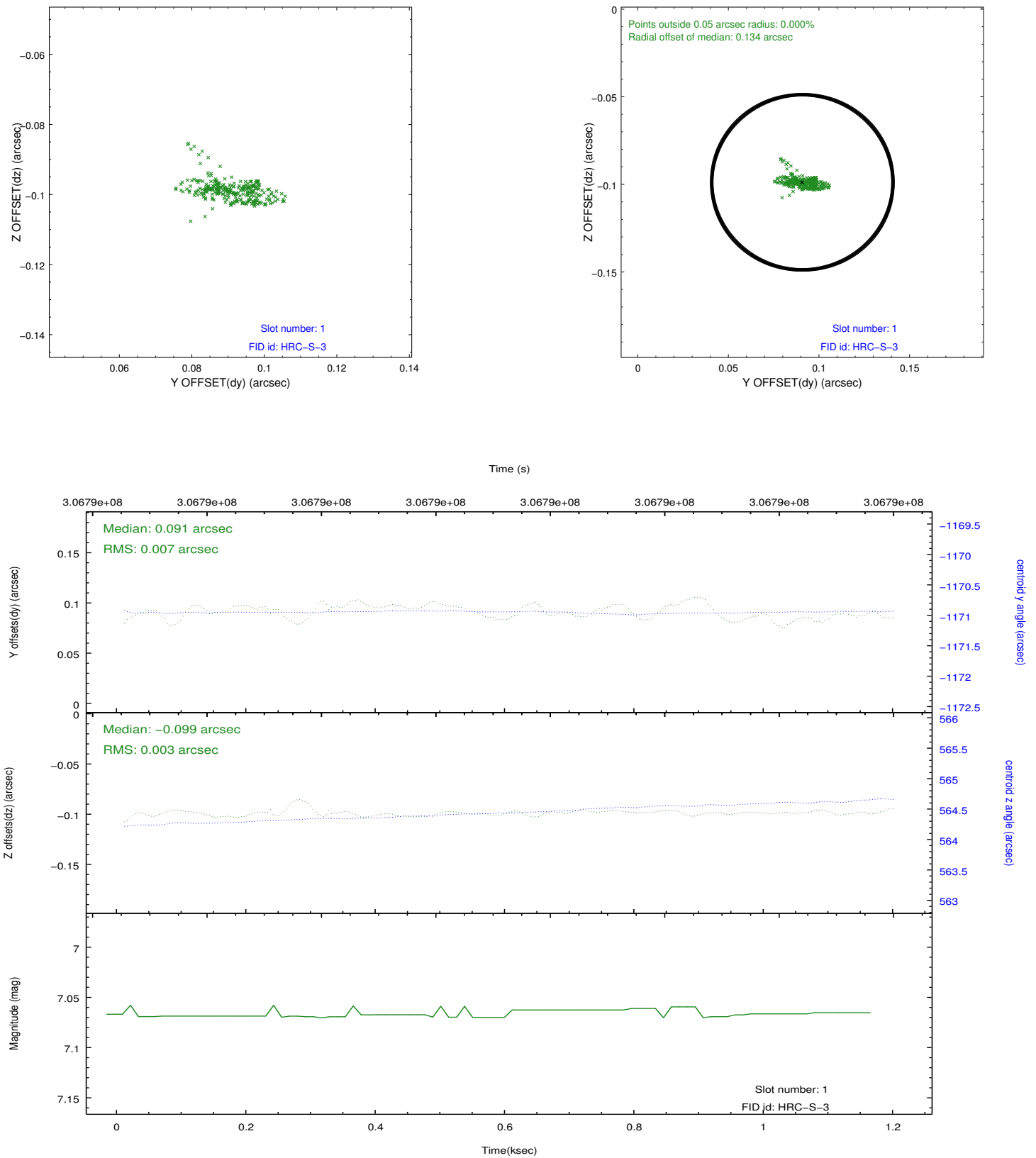


2.5 FID Slots

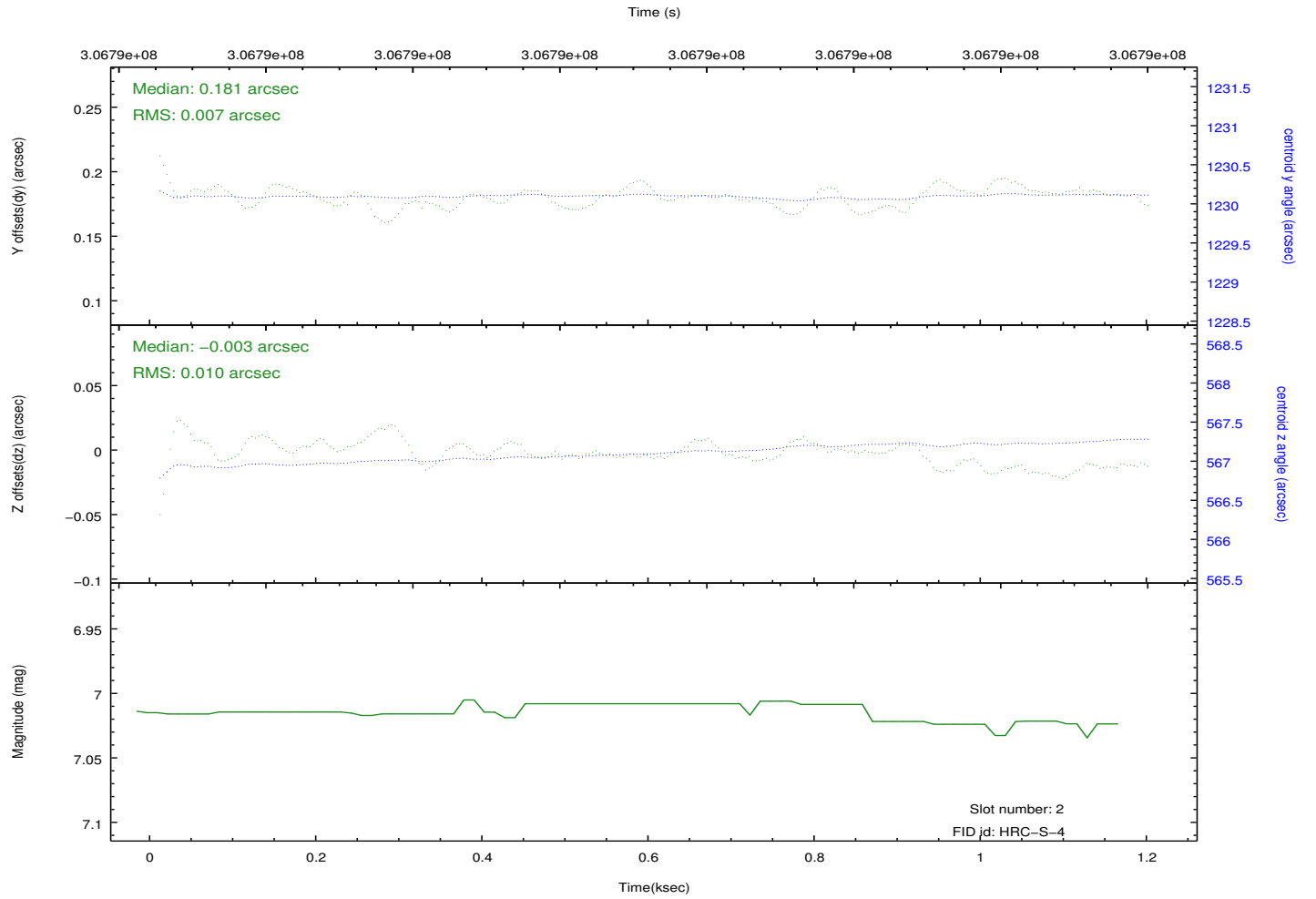
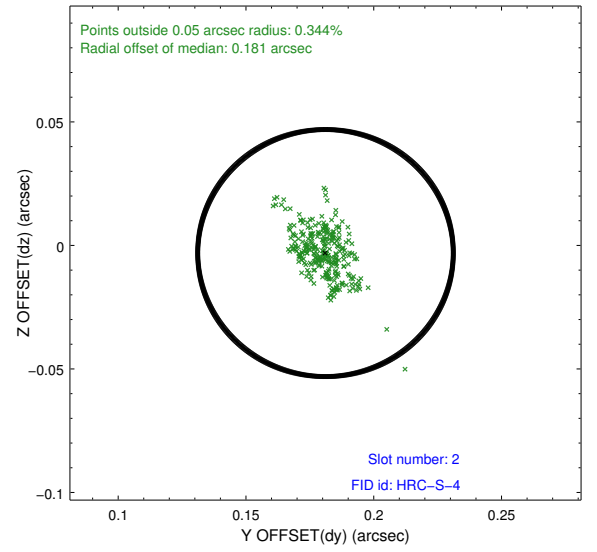
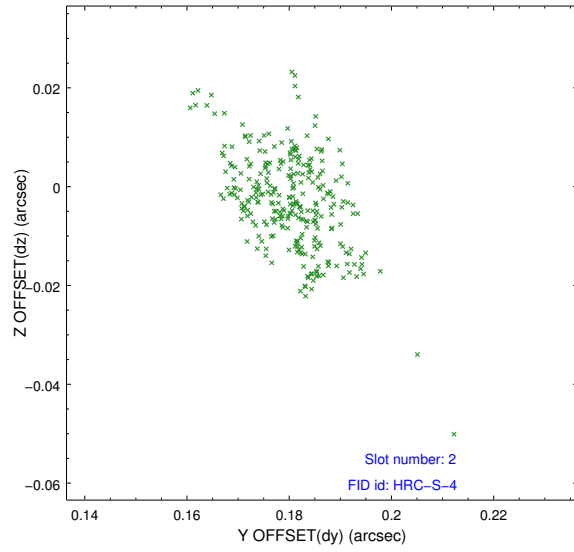
2.5.1 Slot 0



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	1.1615813

A.2 Comments