

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8327 - L2 Version 3
Chandra X-Ray Center

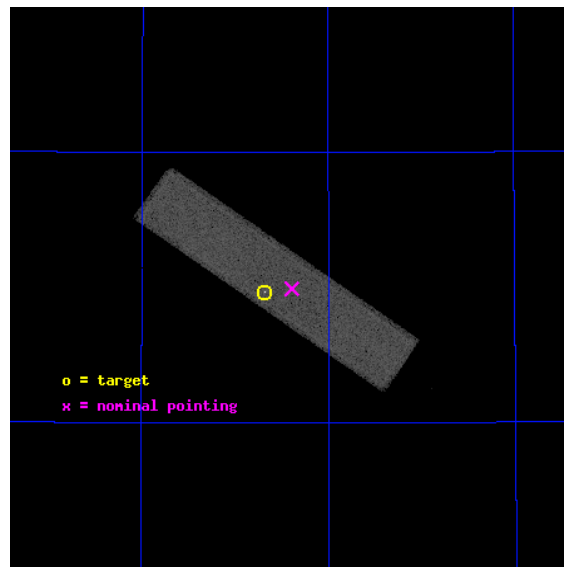
L2 Processing Date : Aug 12 2012

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1 Front

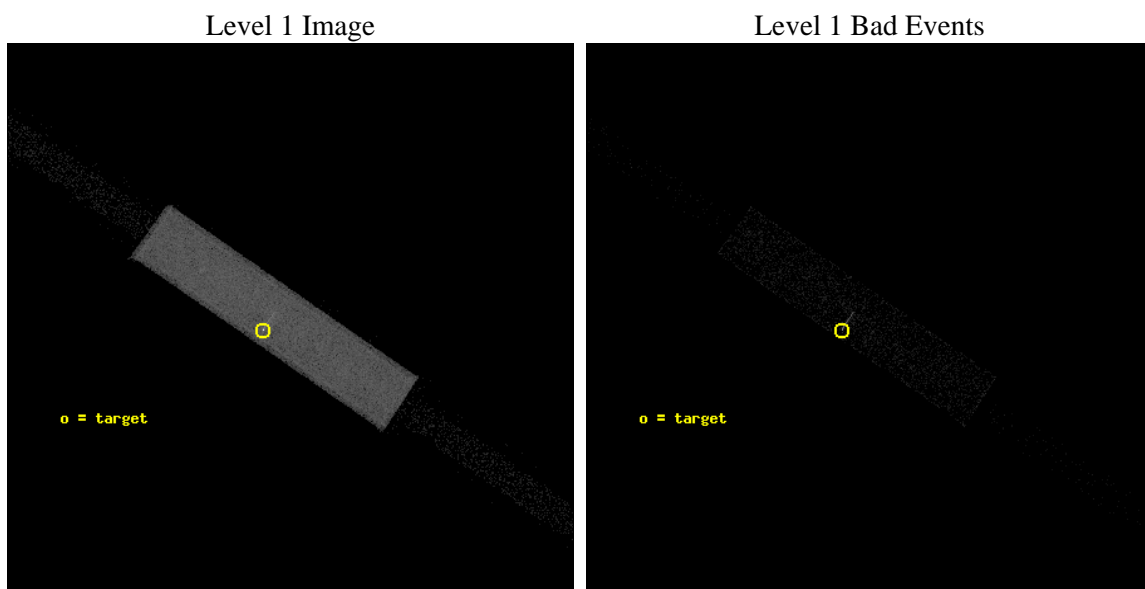
seq_num	290706	Sequence number
obs_id	8327	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.09769483224	Nominal RA [deg]
dec_nom	45.74822934973	Nominal Dec [deg]
roll_nom	214.45069833539	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1151.0750552416	[s]
livetime	1139.5399778759	Ontime multiplied by DTCOR
l2events	80509	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	1151.0750552416	[s]
caldbver	4.5.1.1	 	l1events	128906	Number of level 1 events
date	2012-08-12T03:25:28	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

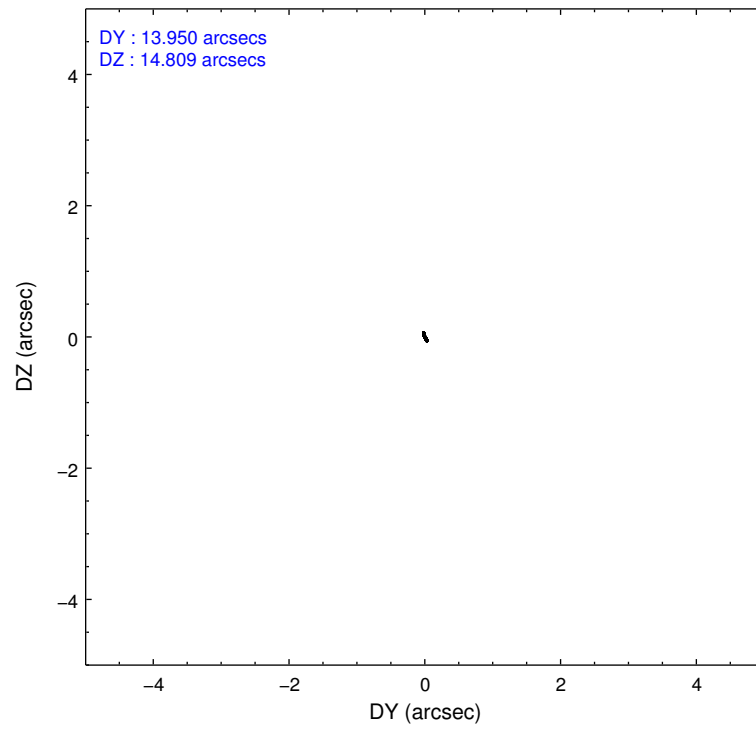
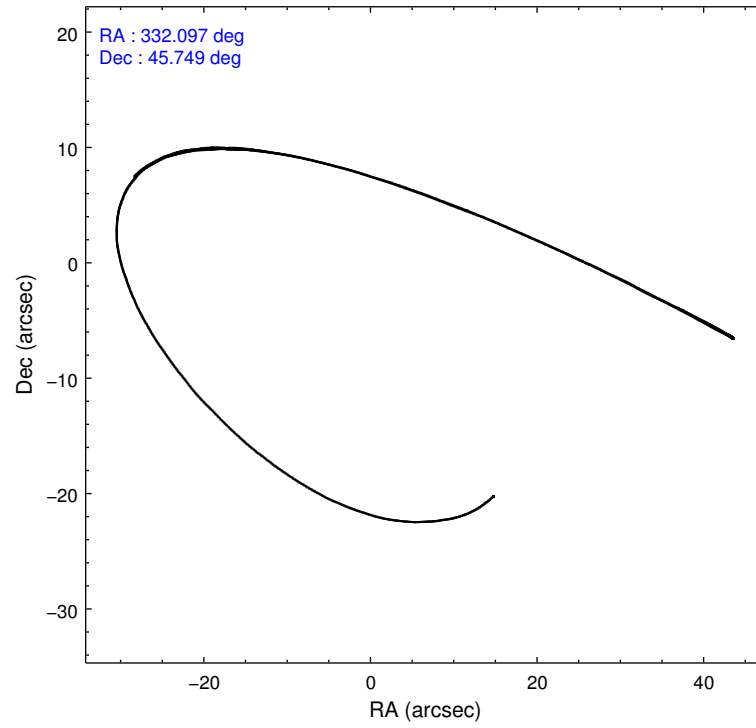
	segment 1	segment 2	segment 3
level 1 events	1537	126043	1326
rejected events	1537	31202	1324
rejected %	100%	24%	99%

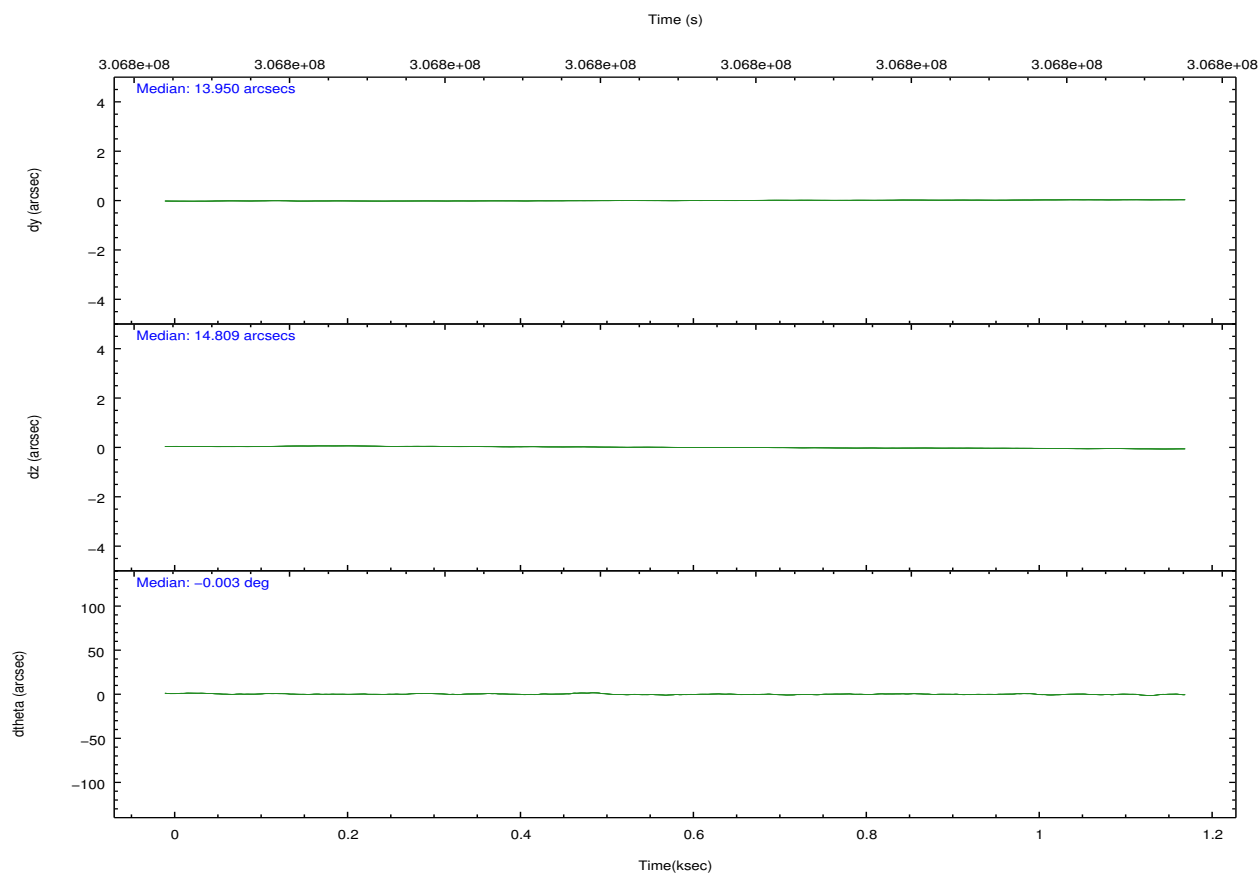
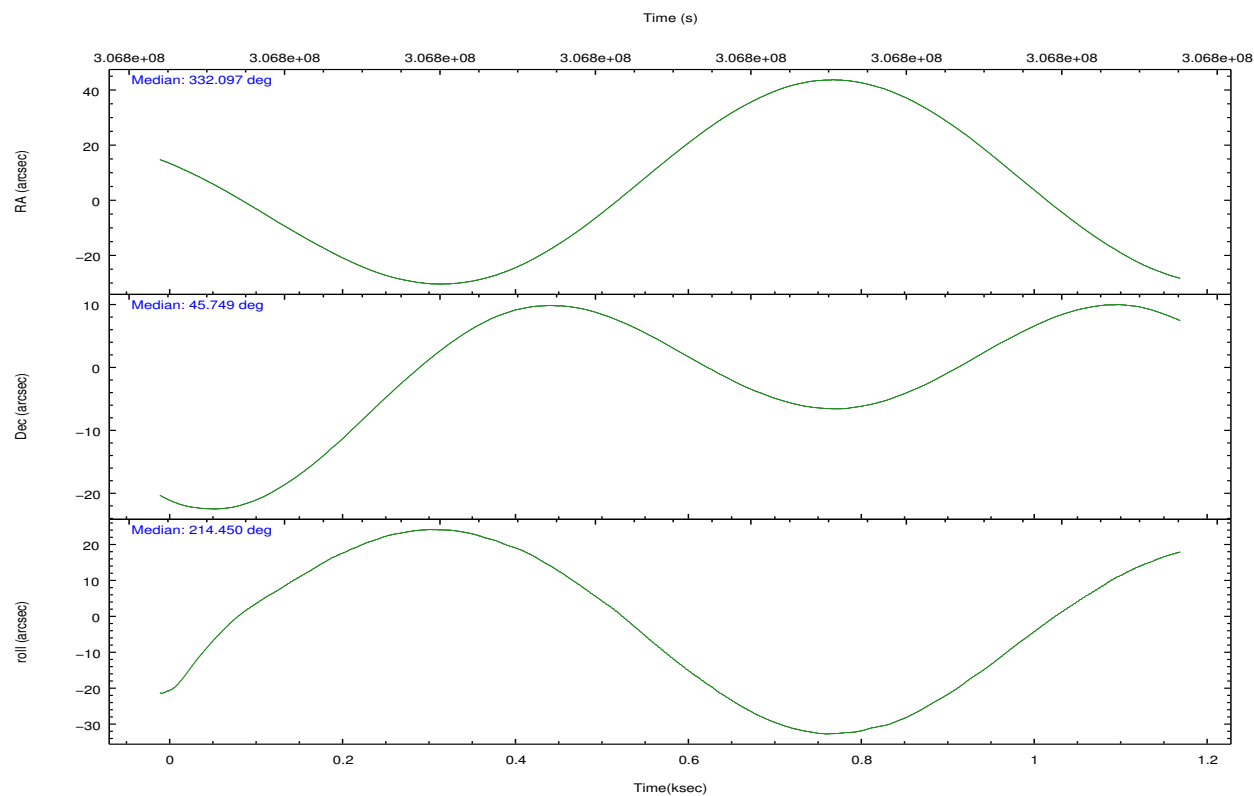
2.2 Compared Parameters

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	332.113792	332.0976948322378
[deg] Pointing Dec	45.774862	45.74822934972971
[deg] Pointing Roll	214.371835	214.4506983353923
[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)	306795273.184000	306794897.63103
Observation start date	2007-09-21T20:53:28	2007-09-21T20:48:17
[s] Observation end time (MET)	306796273.184000	306796407.45611
Observation end date	2007-09-21T21:10:08	2007-09-21T21:13:27

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

2.3 Aspect



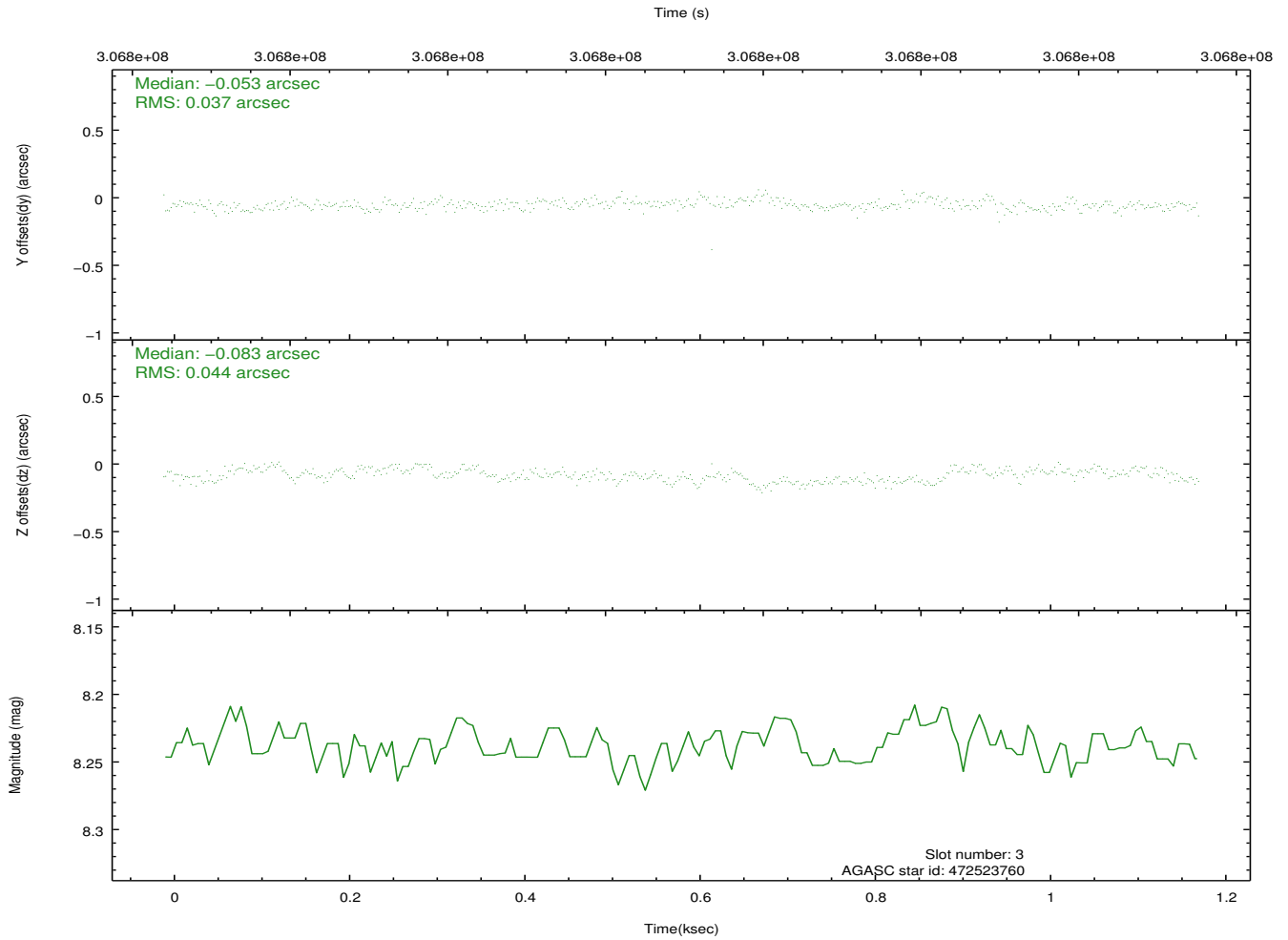
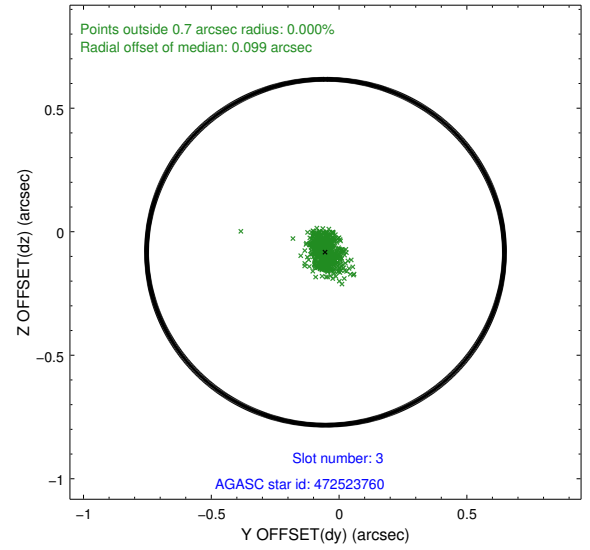
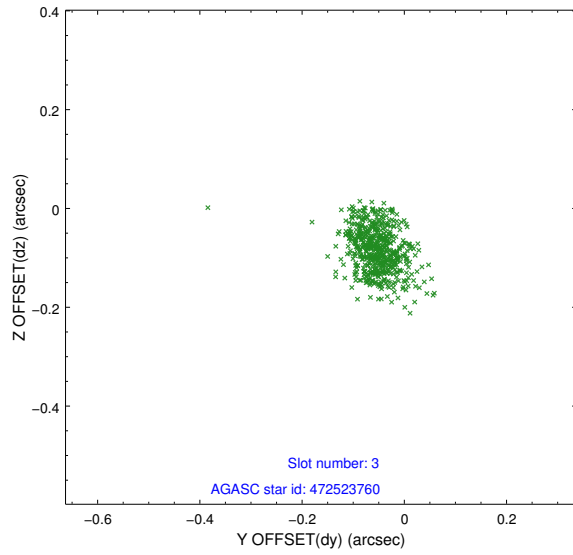


Slot Statistics

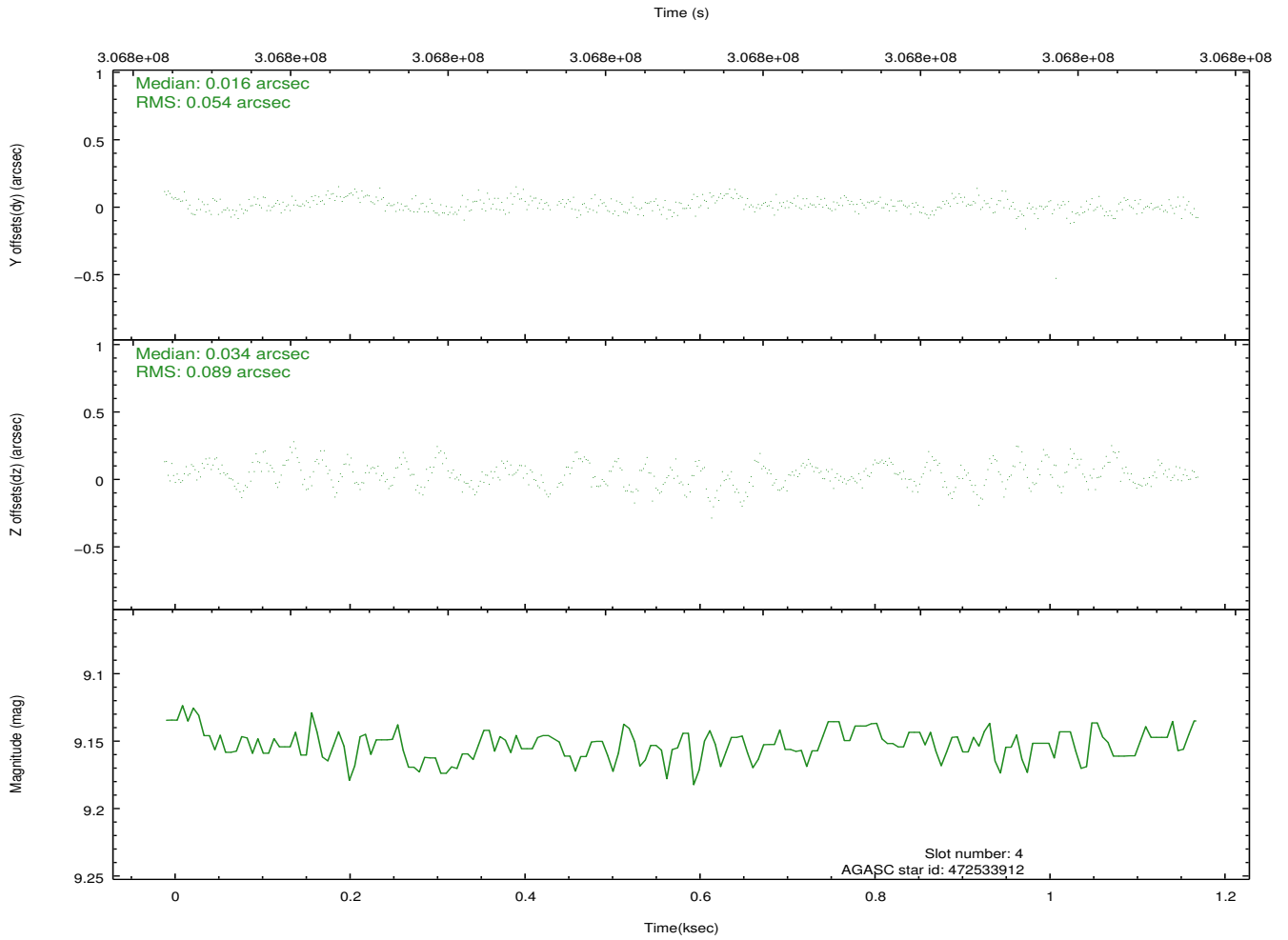
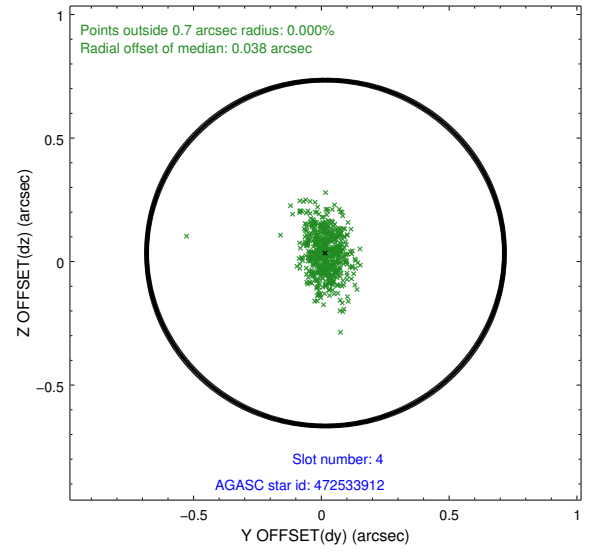
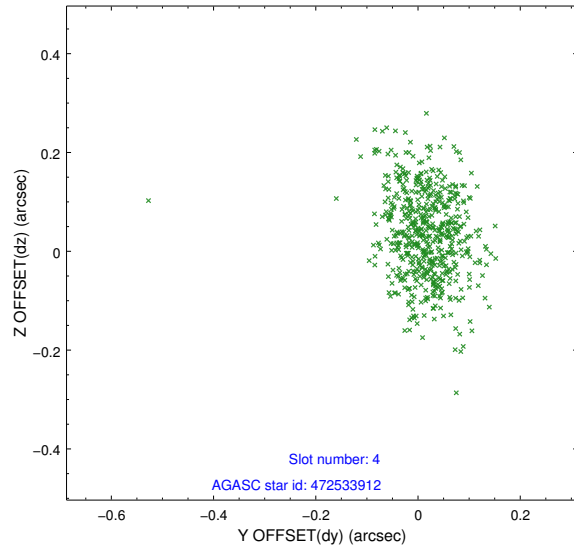
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.08	288	0.106	-0.238	0.006	0.011	0.000000	0.000000	-1168.30	-463.71
1	FID	HRC-S-2	7.05	288	0.168	-0.107	0.004	0.008	0.000000	0.000000	1227.37	-457.87
2	FID	HRC-S-3	7.06	288	0.115	0.042	0.007	0.010	0.000000	0.000000	-1166.73	564.50
3	GUIDE	472523760	8.24	577	-0.053	-0.083	0.060	0.096	331.645363	45.403260	1730.14	432.96
4	GUIDE	472533912	9.15	574	0.016	0.034	0.104	0.186	331.791136	46.368695	-543.64	-2217.56
5	GUIDE	472655152	9.42	577	-0.032	-0.138	0.107	0.173	332.504239	45.862991	-989.82	284.98
6	GUIDE	472665256	9.01	577	0.075	0.118	0.076	0.137	332.808125	46.195041	-2288.44	-277.24
7	GUIDE	420754040	9.07	575	-0.010	0.084	0.076	0.124	331.917939	44.882543	2220.34	2368.94

2.4 Star Slots

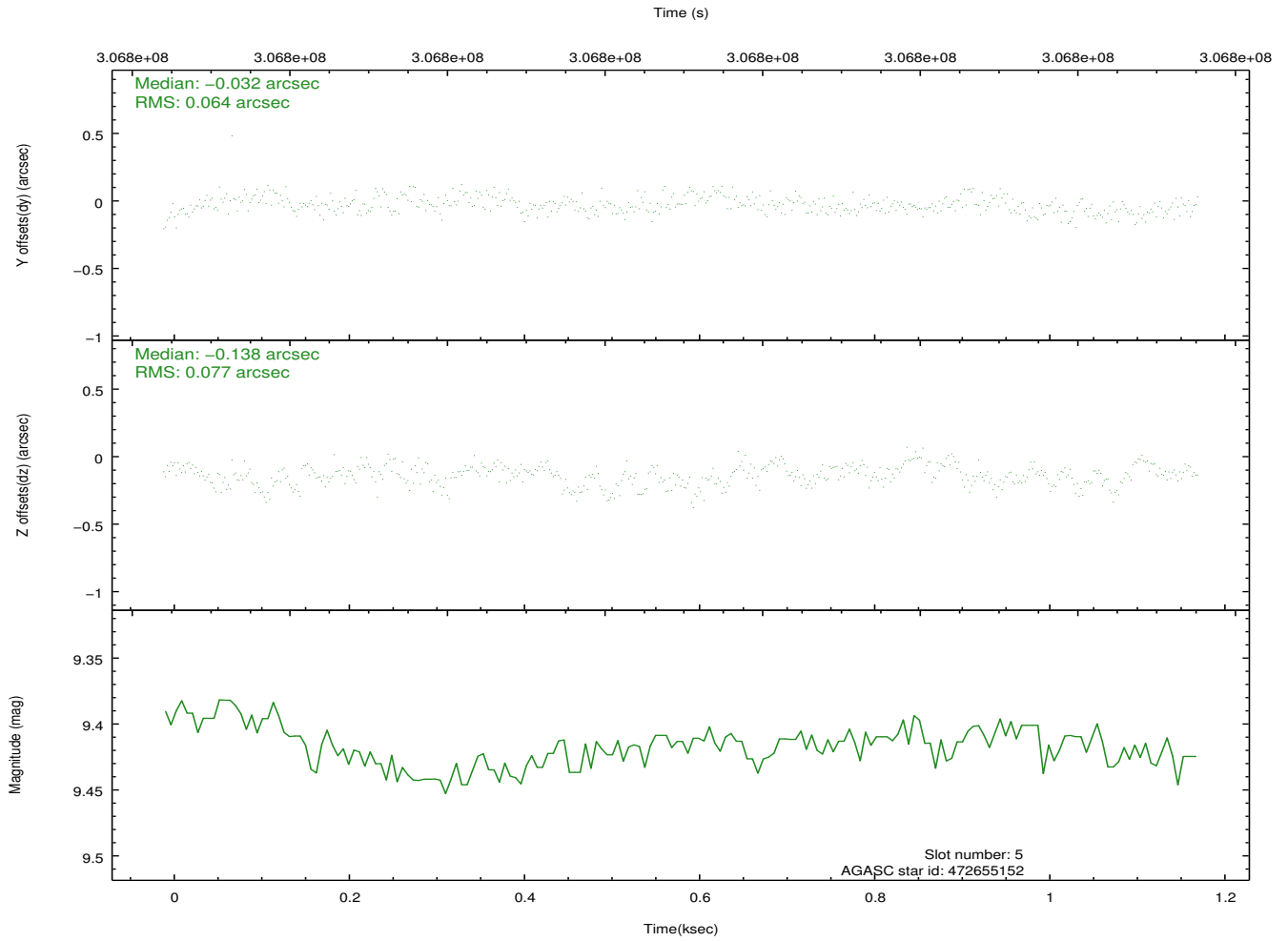
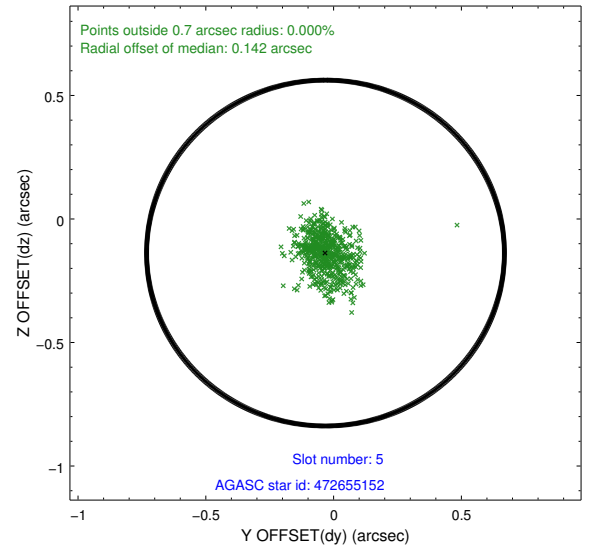
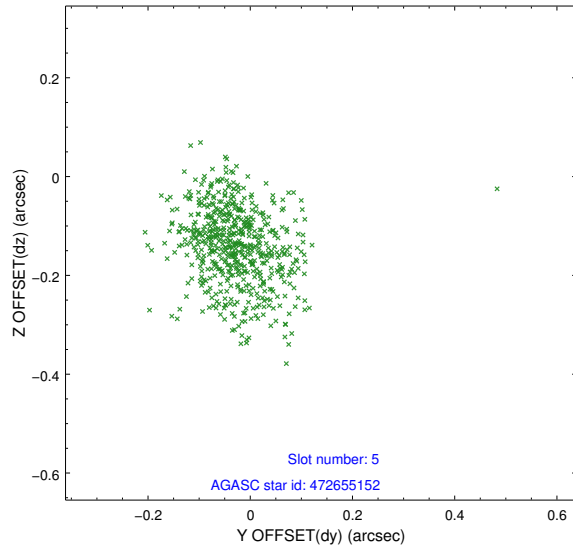
2.4.1 Slot 3



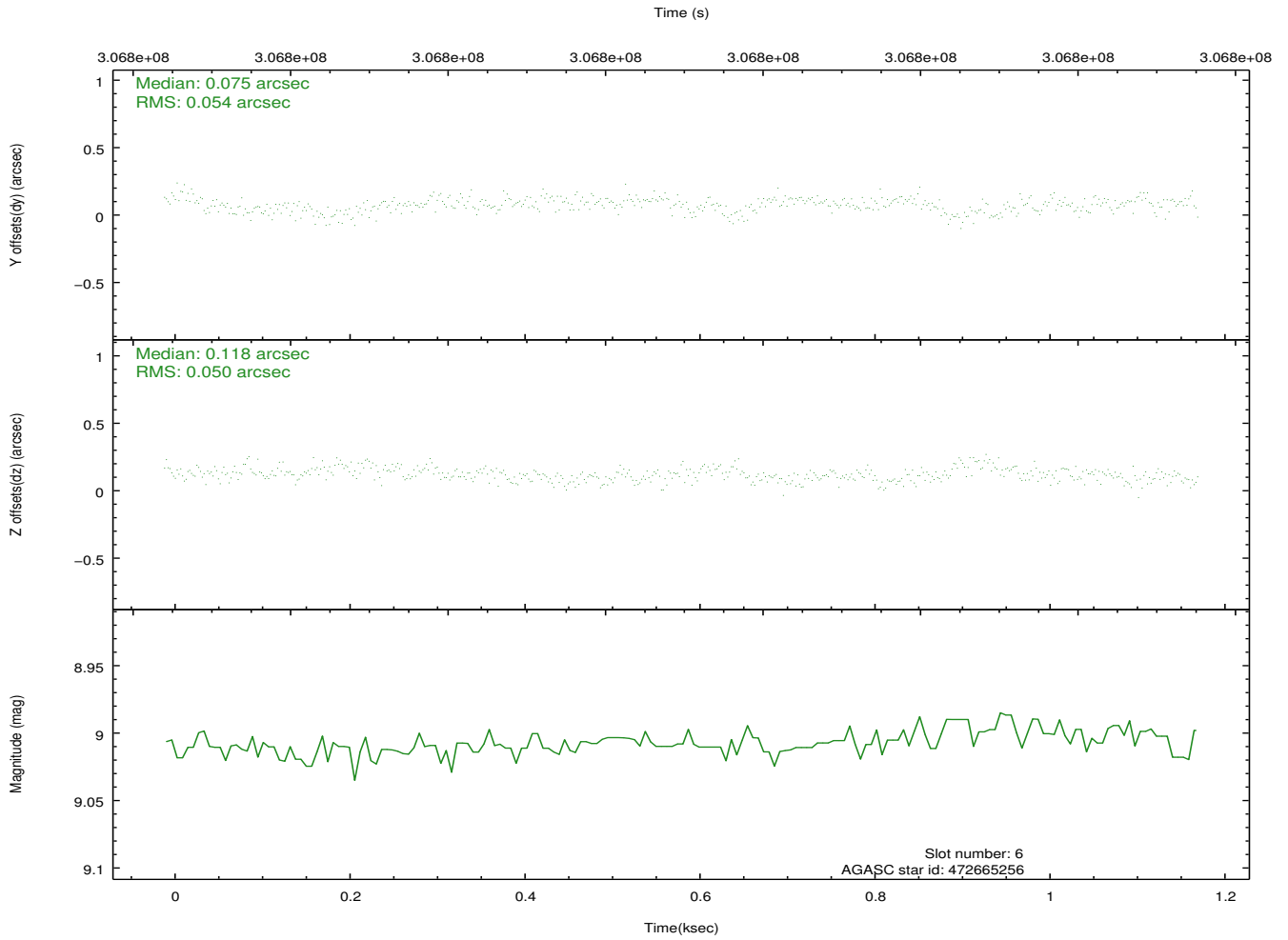
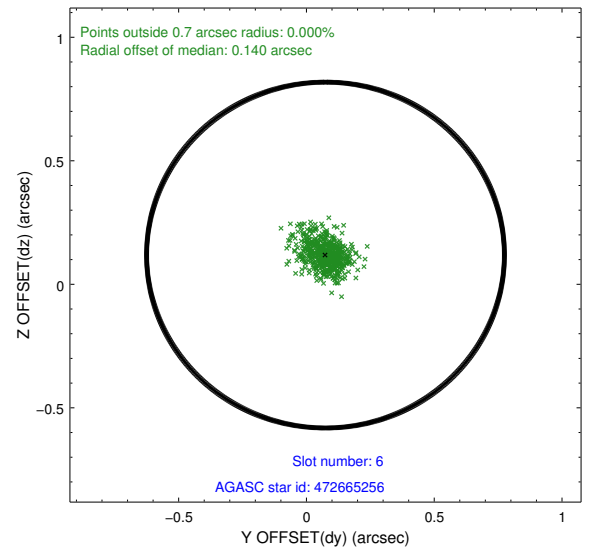
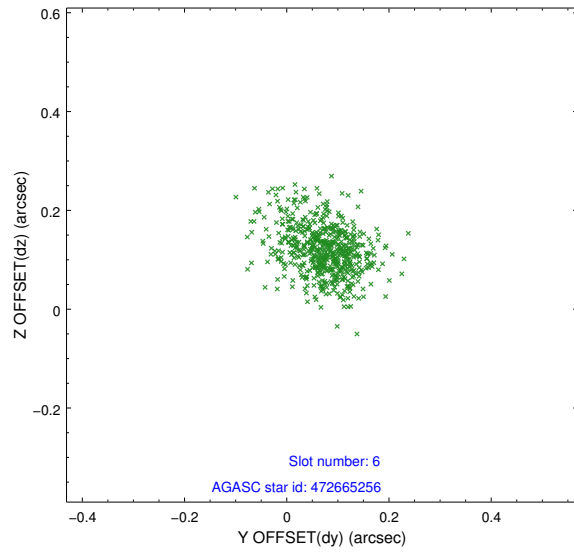
2.4.2 Slot 4



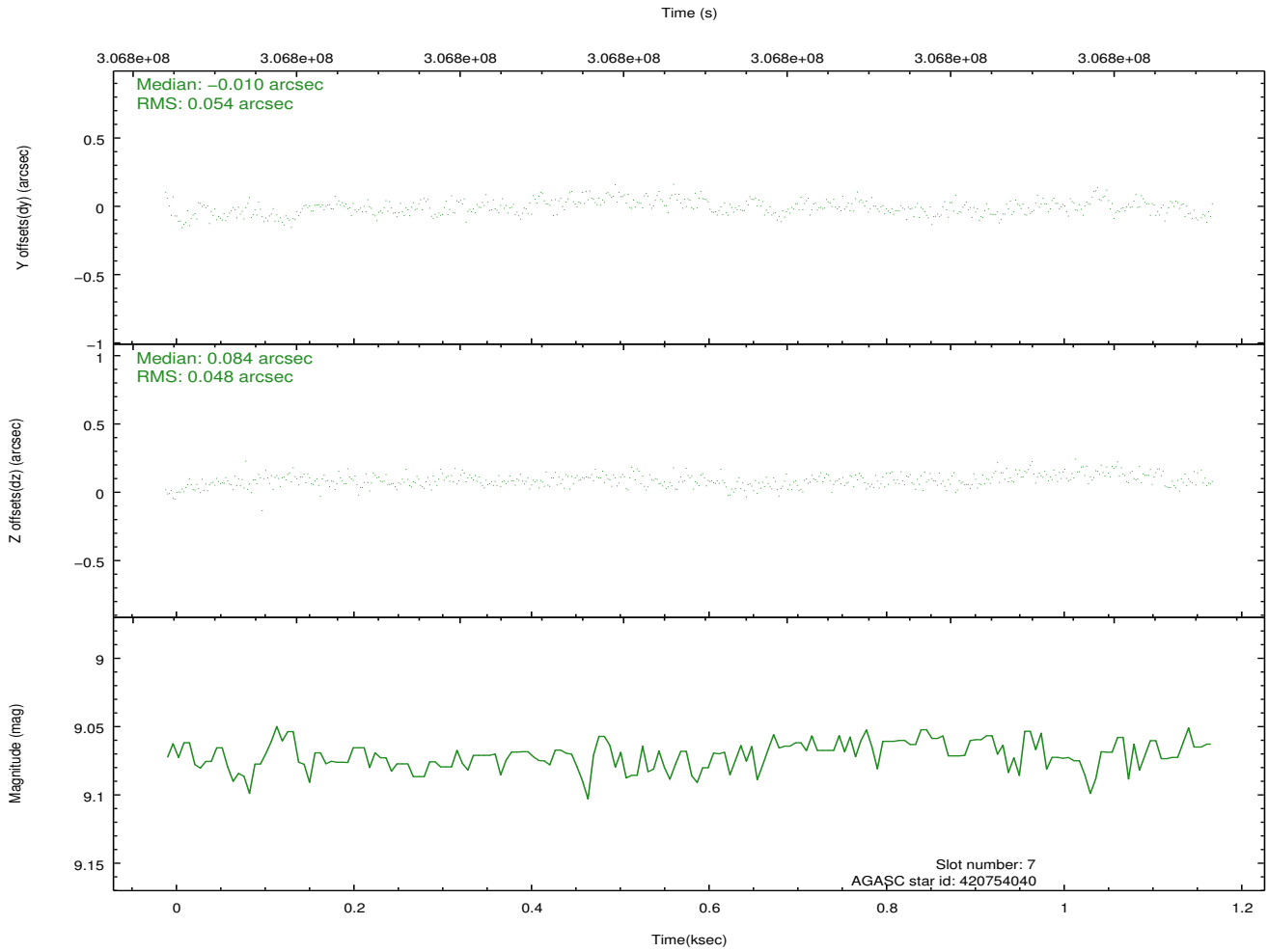
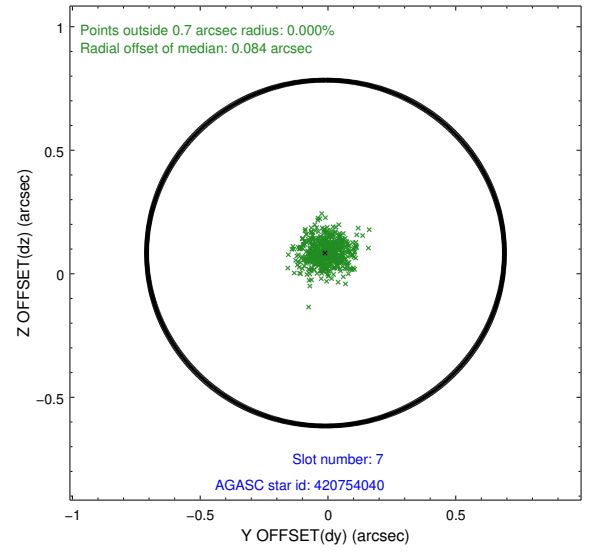
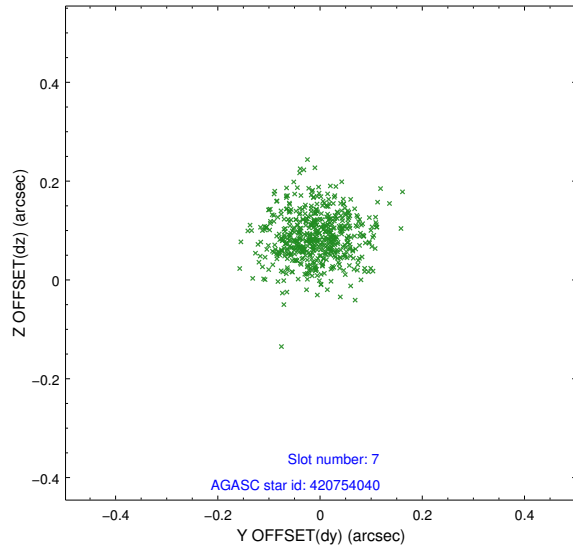
2.4.3 Slot 5



2.4.4 Slot 6

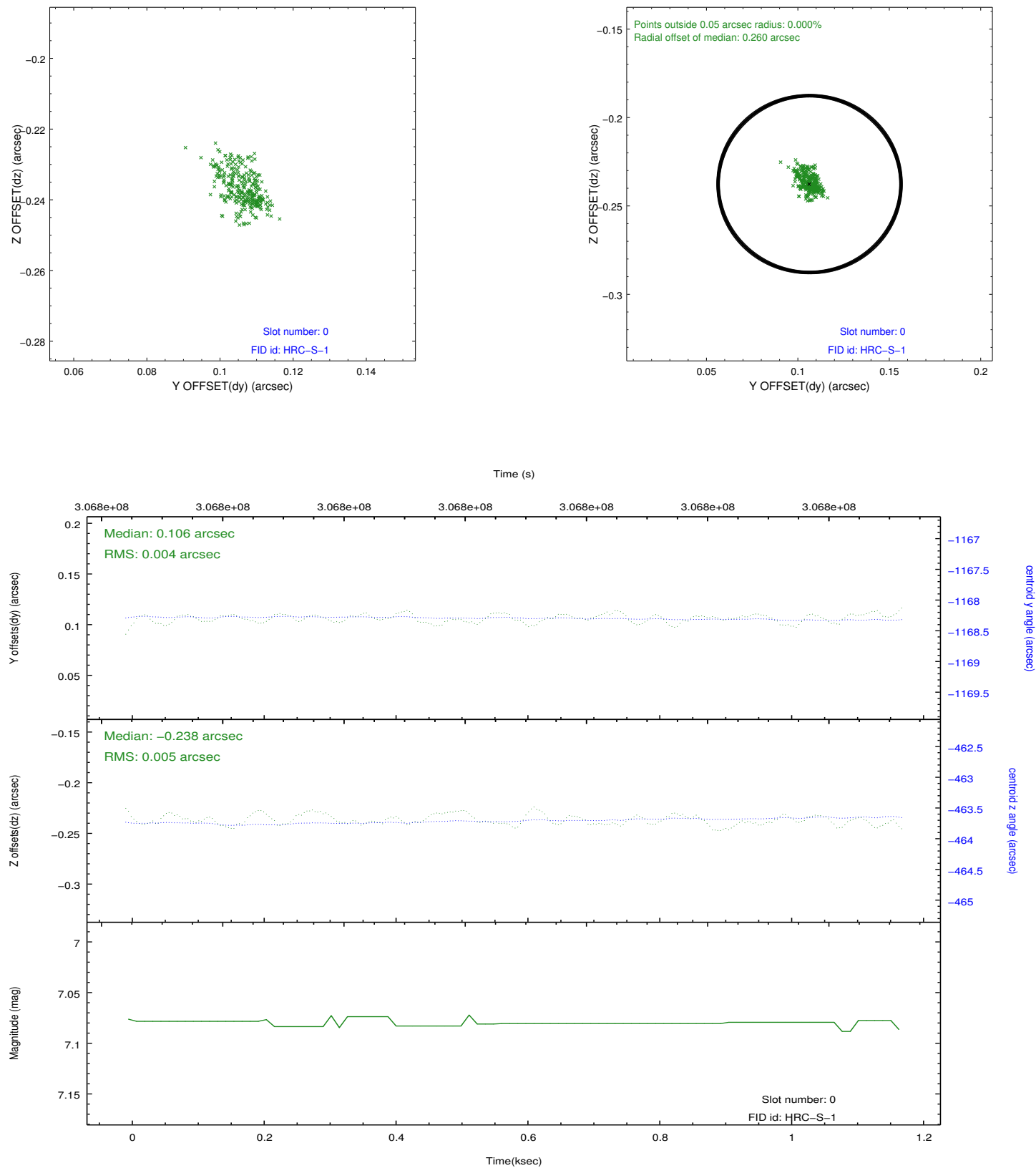


2.4.5 Slot 7

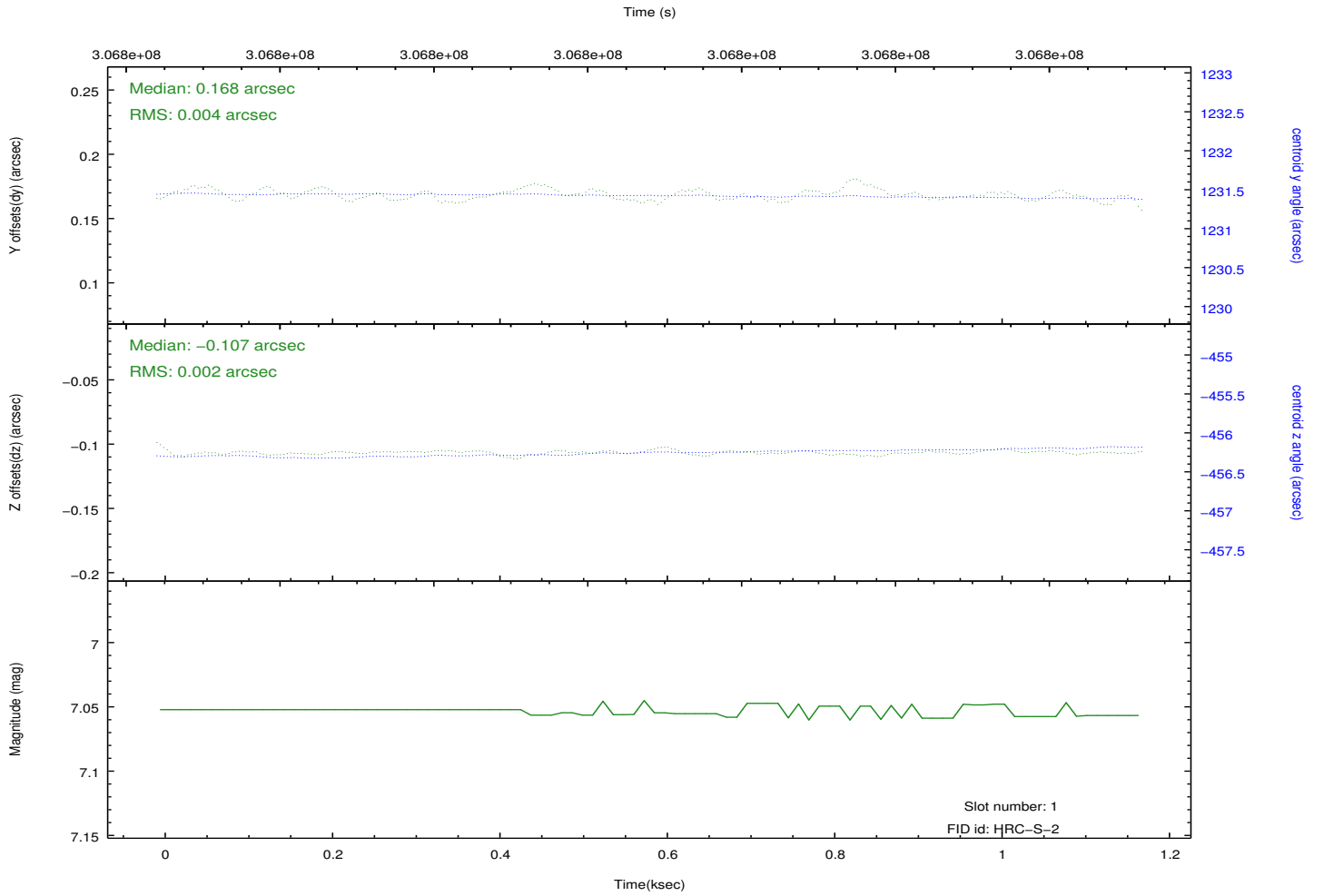
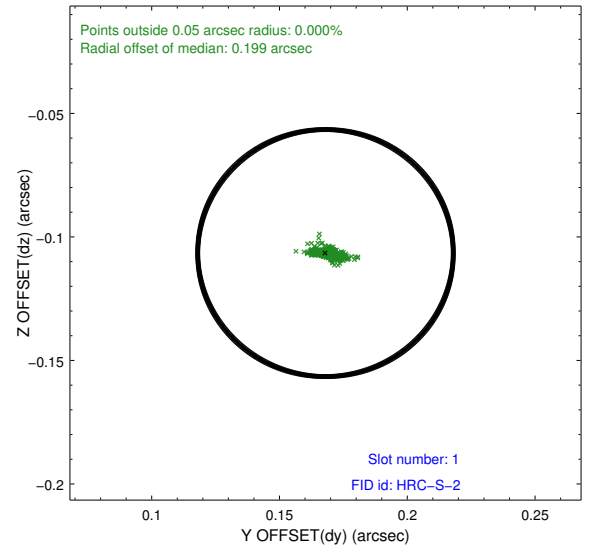
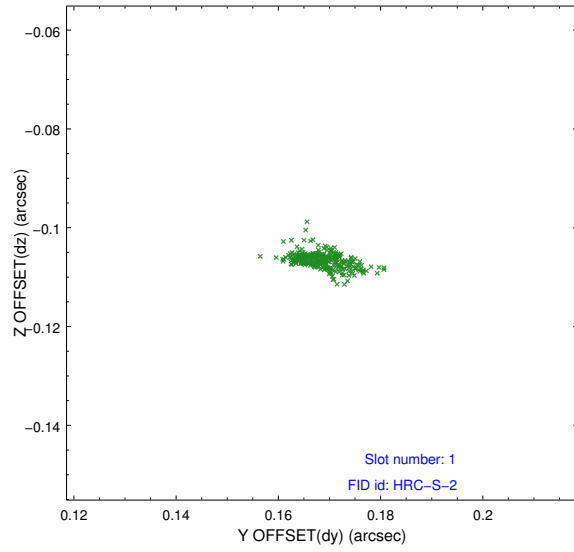


2.5 FID Slots

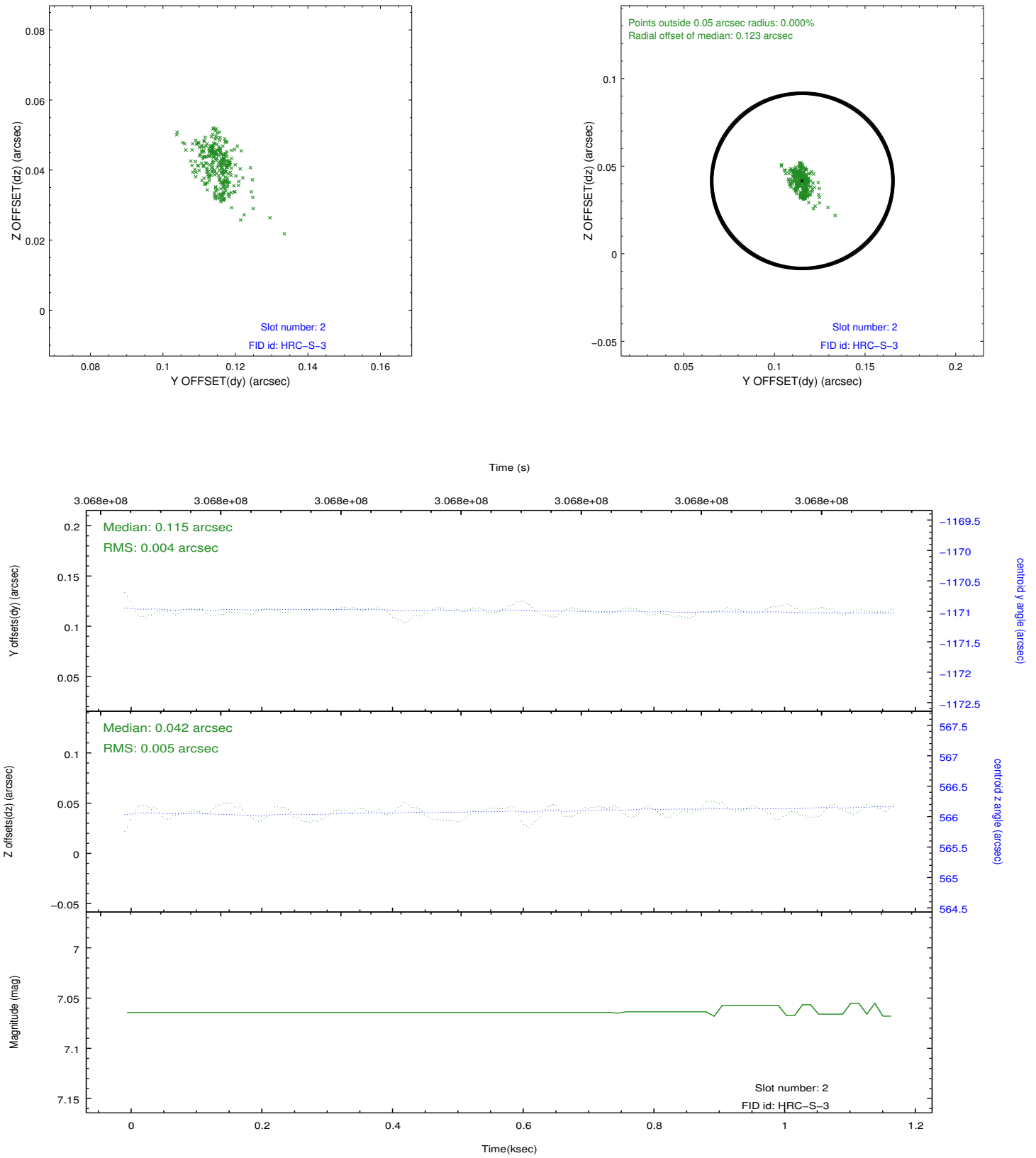
2.5.1 Slot 0



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	1.15107505

A.2 Comments