

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8328 - L2 Version 3
Chandra X-Ray Center

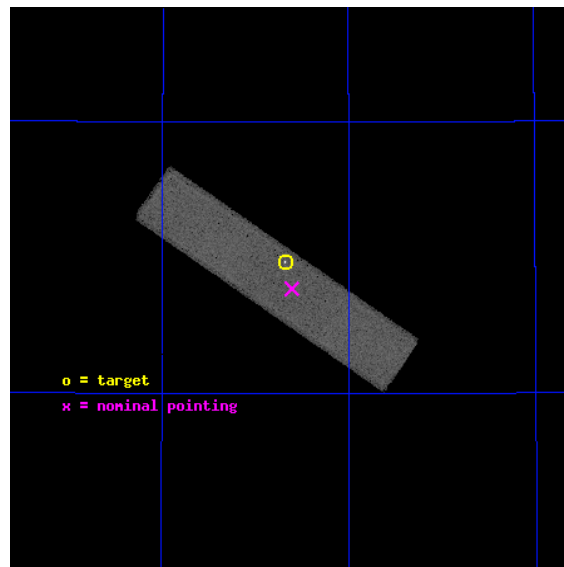
L2 Processing Date : Aug 12 2012

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1 Front

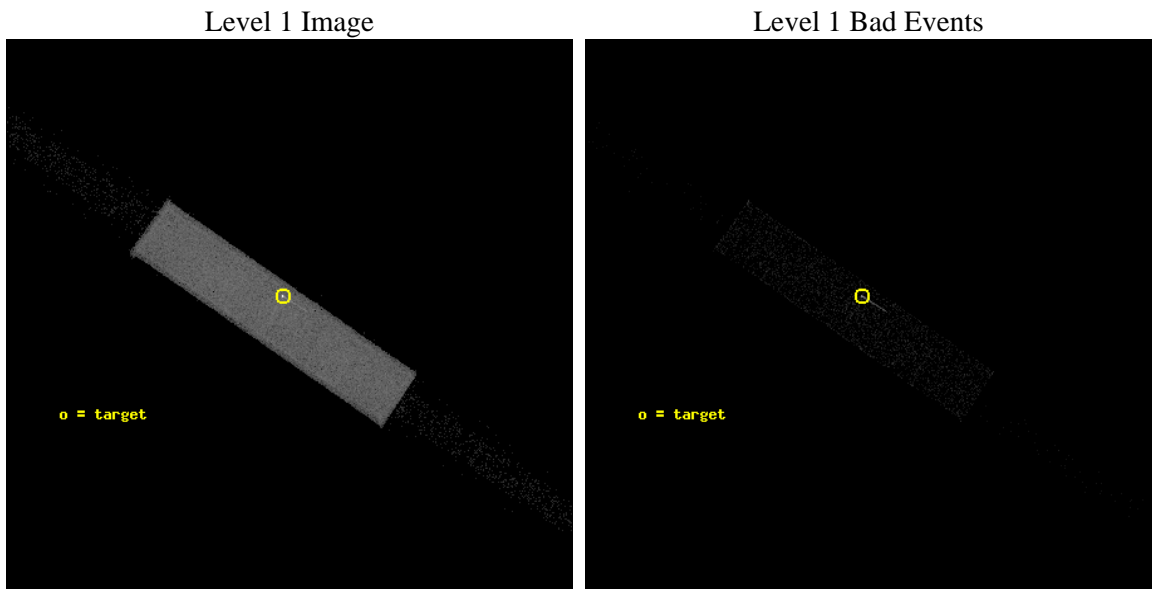
seq_num	290707	Sequence number
obs_id	8328	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.15196342834	Nominal RA [deg]
dec_nom	45.693031962677	Nominal Dec [deg]
roll_nom	214.43294636357	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1153.3813055754	[s]
livetime	1141.0635960364	Ontime multiplied by DTCOR
l2events	85598	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	1153.3813055754	[s]
caldbver	4.5.1.1	 	l1events	126783	Number of level 1 events
date	2012-08-12T03:25:07	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

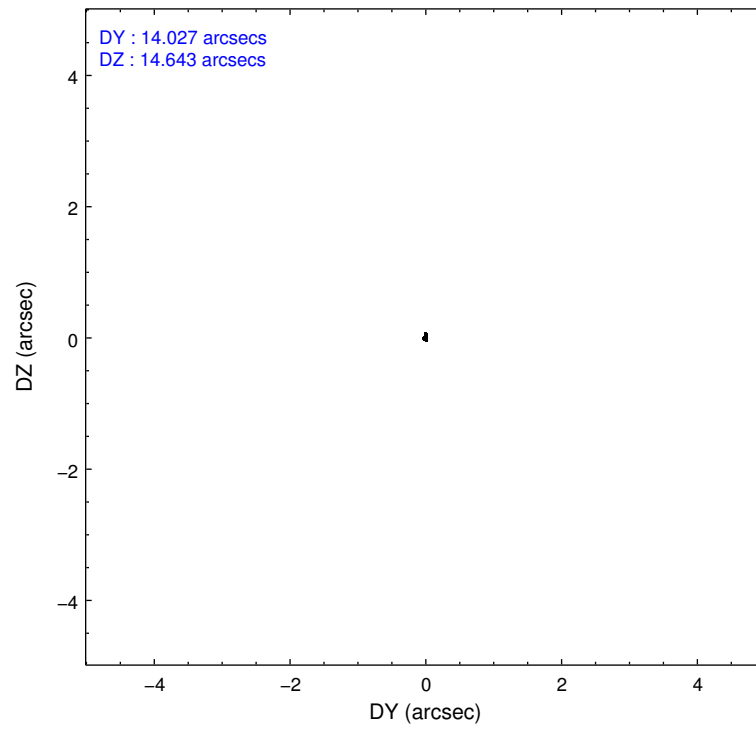
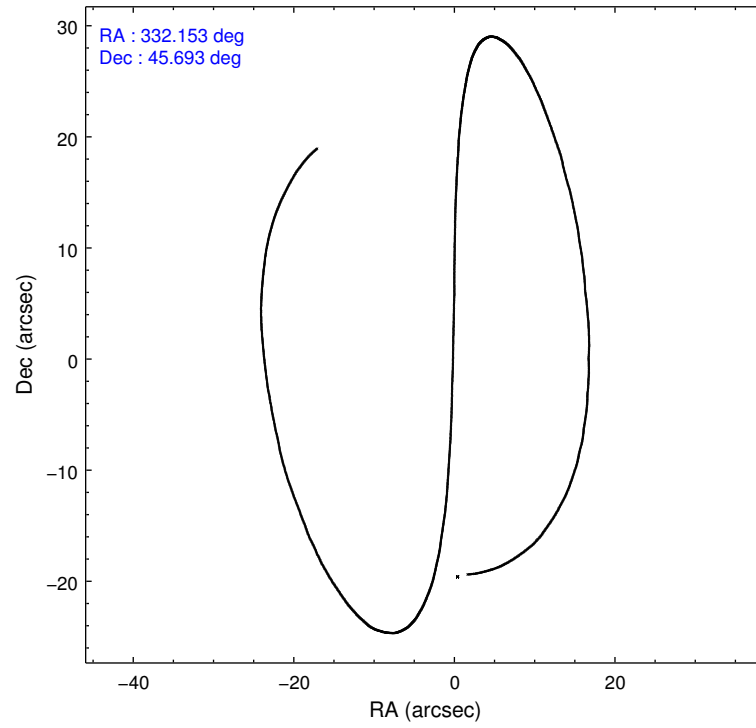
	segment 1	segment 2	segment 3
level 1 events	931	124943	909
rejected events	931	24774	909
rejected %	100%	19%	100%

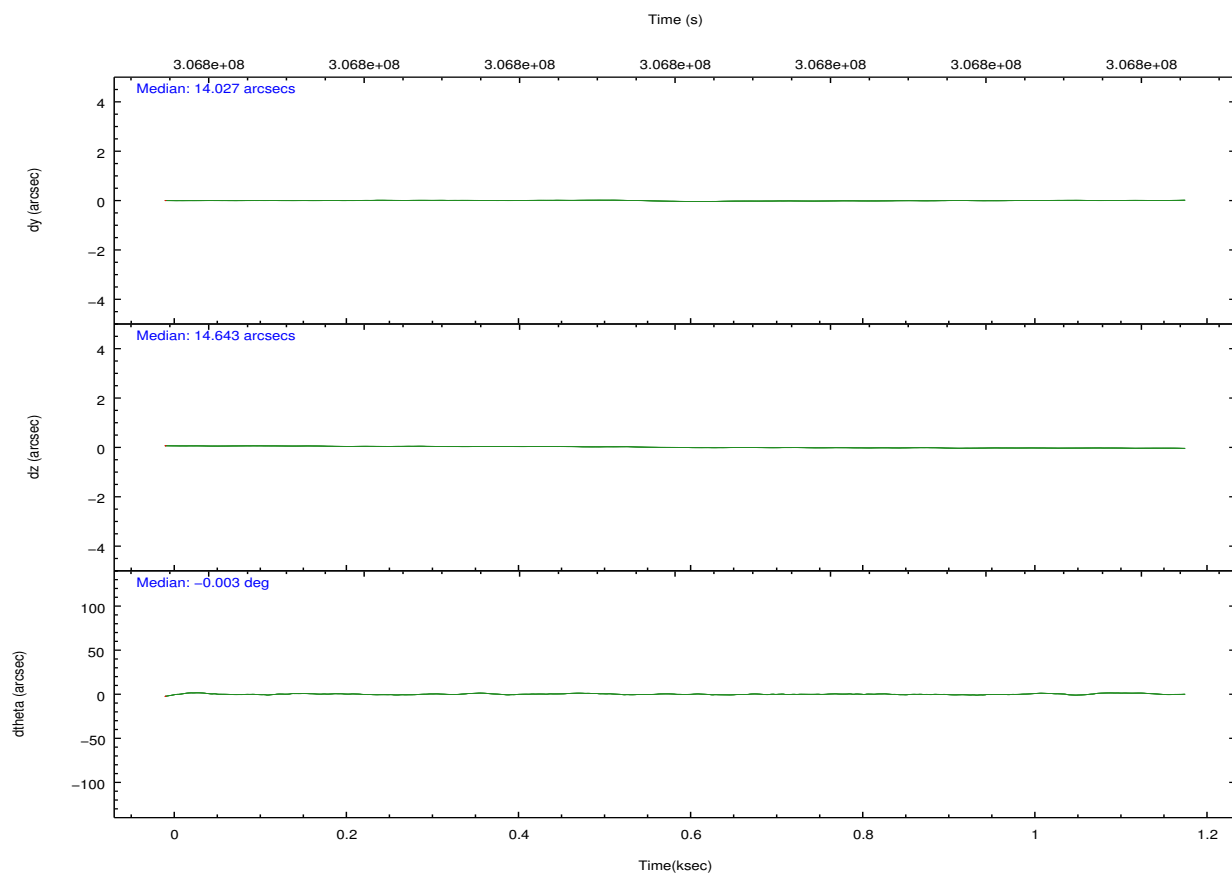
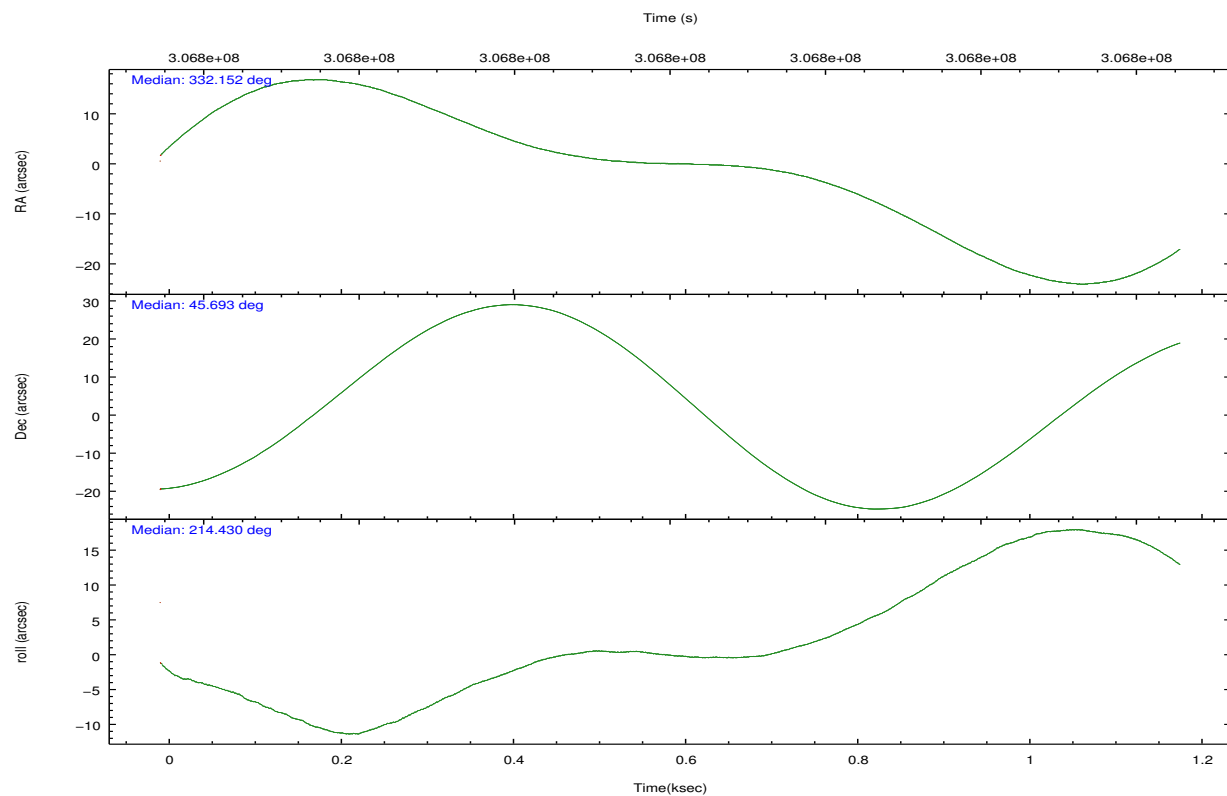
2.2 Compared Parameters

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	332.167723	332.1519634283397
[deg] Pointing Dec	45.719819	45.69303196267734
[deg] Pointing Roll	214.354325	214.4329463635706
[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)	306796783.184000	306796407.45611
Observation start date	2007-09-21T21:18:38	2007-09-21T21:13:27
[s] Observation end time (MET)	306797783.184000	306797917.28118
Observation end date	2007-09-21T21:35:18	2007-09-21T21:38:37

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

2.3 Aspect



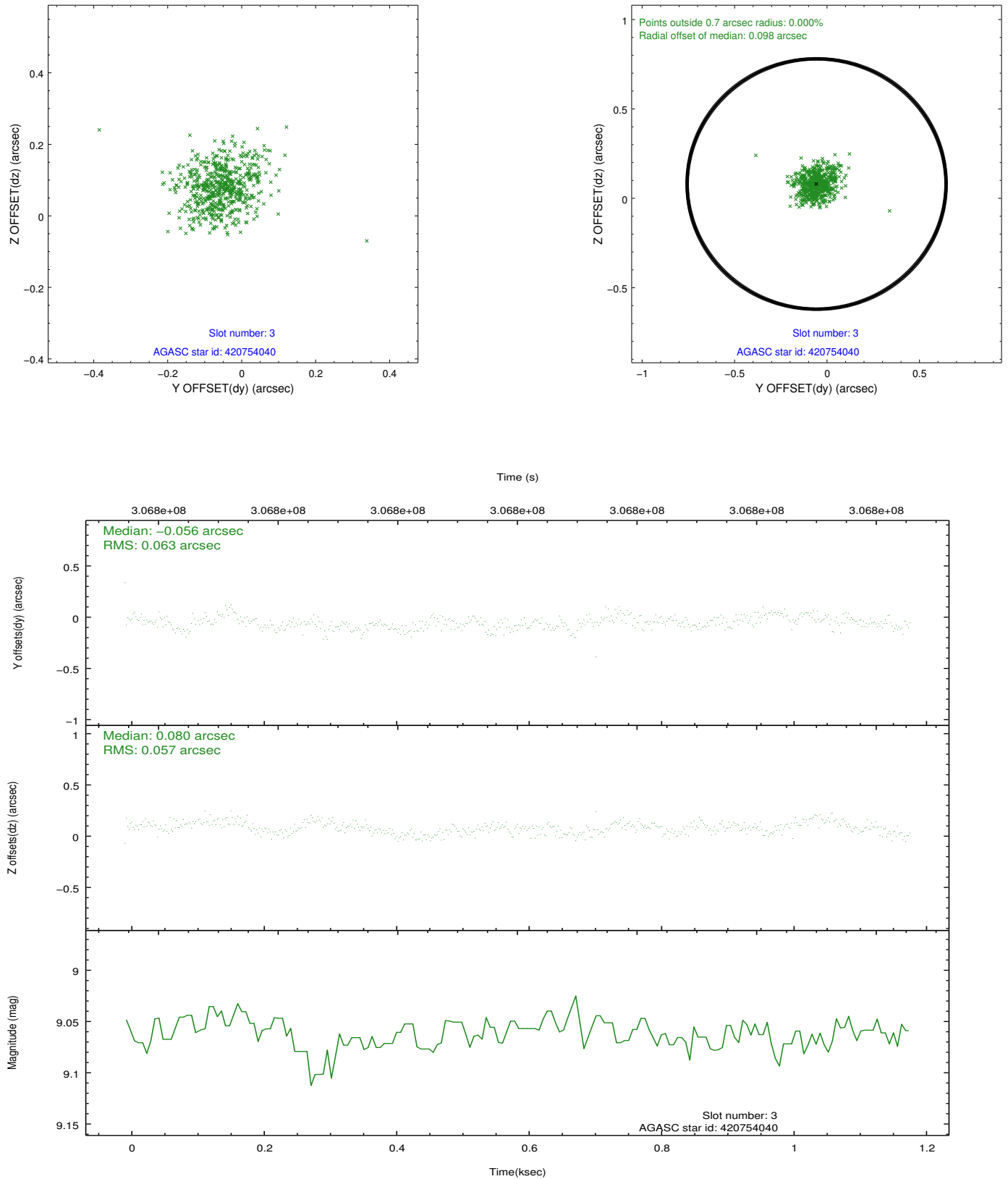


Slot Statistics

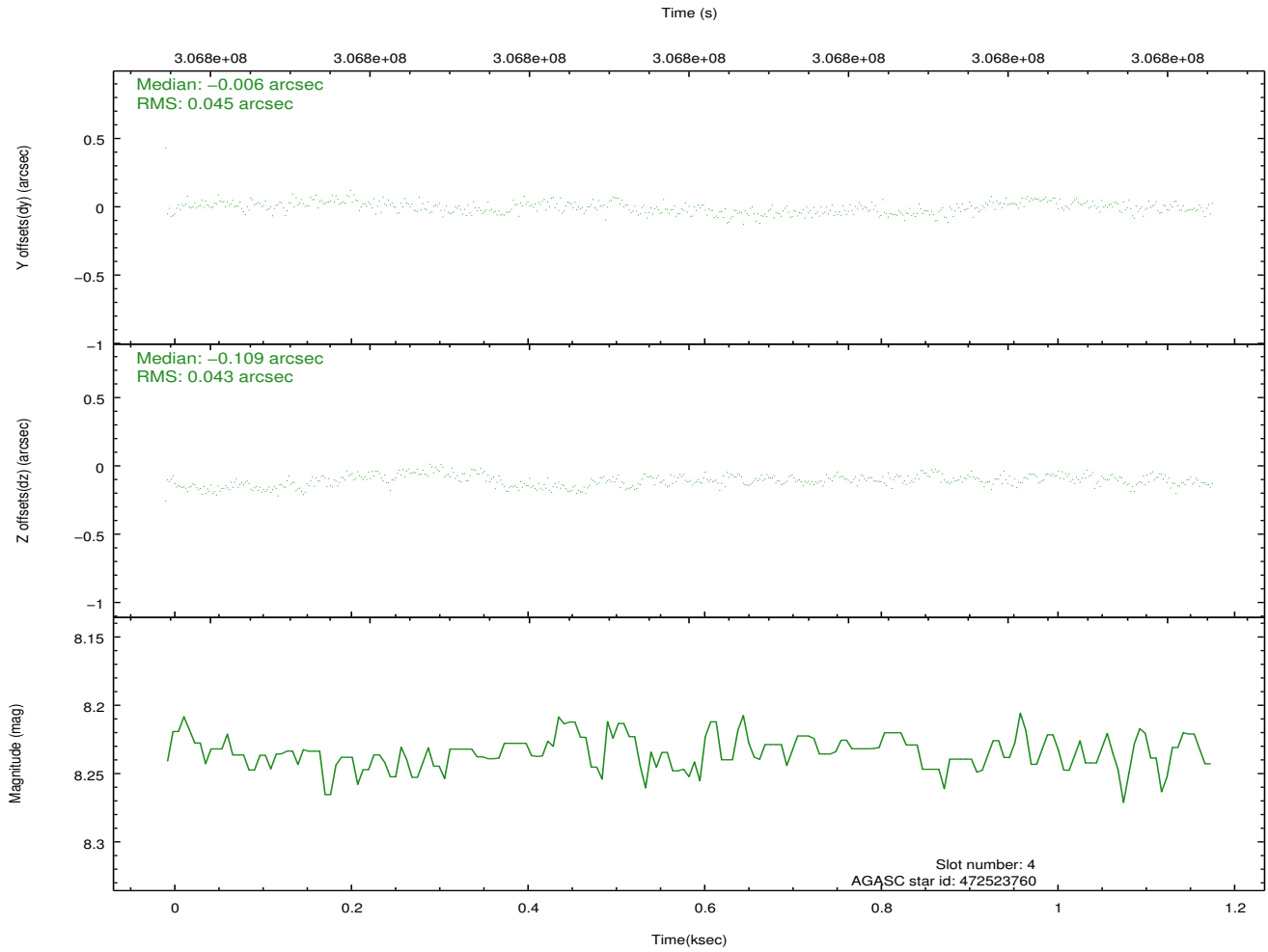
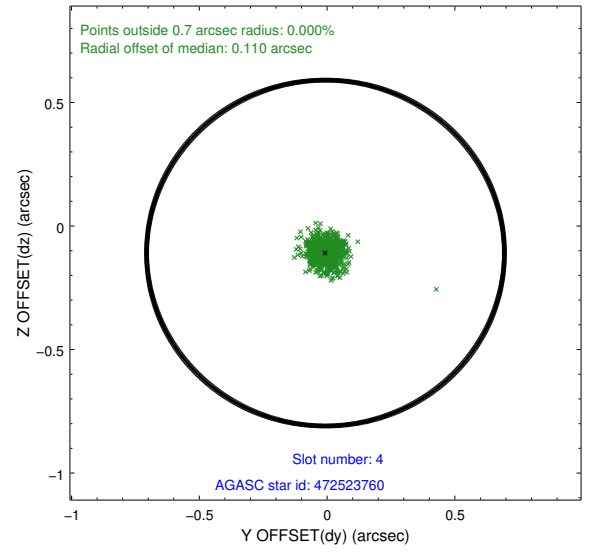
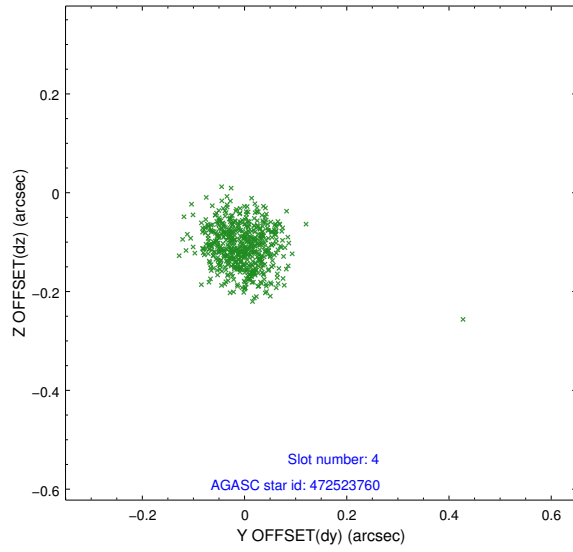
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.08	290	0.109	-0.236	0.007	0.013	0.000000	0.000000	-1168.37	-463.55
1	FID	HRC-S-2	7.05	290	0.168	-0.107	0.006	0.012	0.000000	0.000000	1227.32	-457.69
2	FID	HRC-S-3	7.06	290	0.113	0.041	0.006	0.010	0.000000	0.000000	-1166.84	564.67
3	GUIDE	420754040	9.06	578	-0.056	0.080	0.088	0.140	331.917939	44.882543	2225.43	2127.72
4	GUIDE	472523760	8.24	579	-0.006	-0.109	0.065	0.101	331.645363	45.403260	1734.56	195.00
5	GUIDE	472655152	9.42	574	-0.028	-0.160	0.124	0.198	332.504239	45.862991	-985.33	48.59
6	GUIDE	472665256	9.00	579	0.109	0.105	0.088	0.140	332.808125	46.195041	-2288.12	-517.85
7	GUIDE	472533912	9.16	577	-0.010	0.107	0.113	0.194	331.791136	46.368695	-551.14	-2459.92

2.4 Star Slots

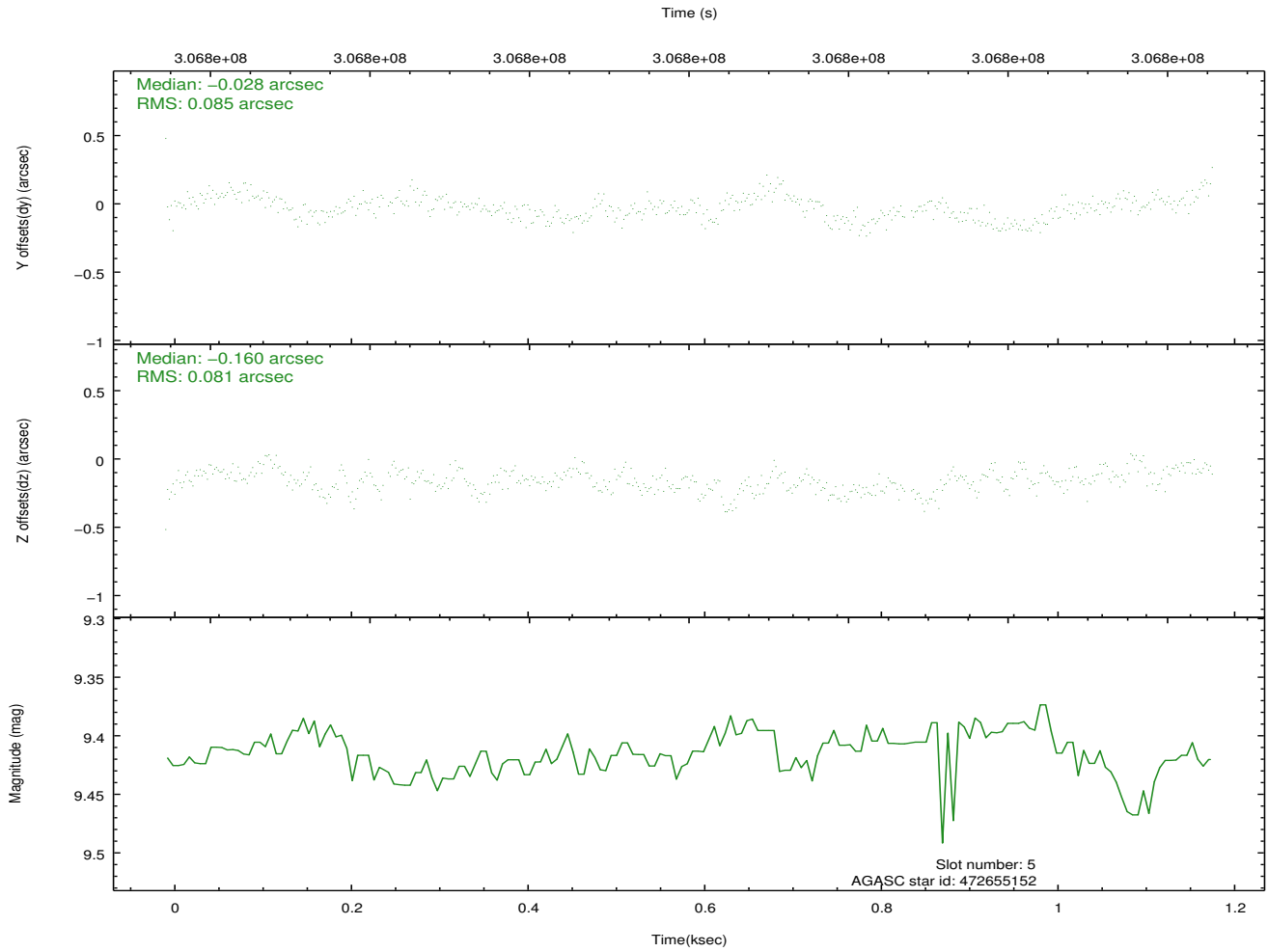
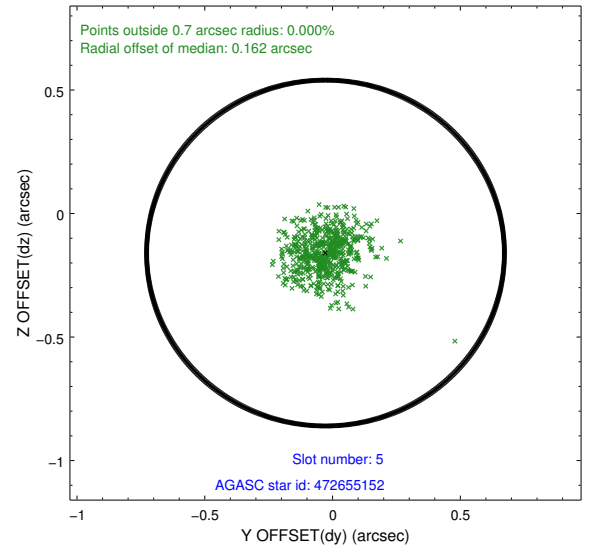
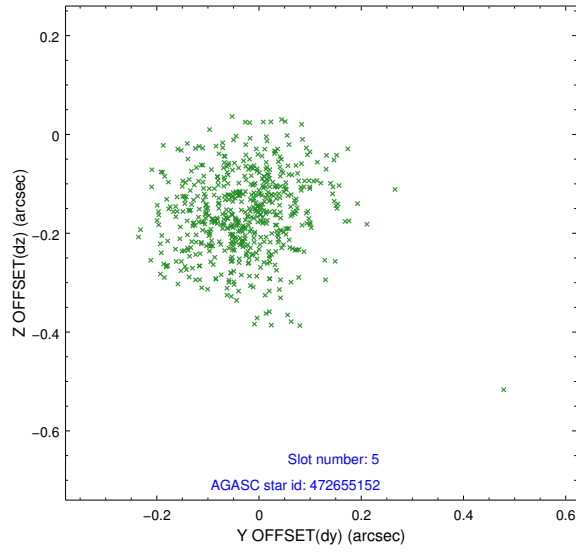
2.4.1 Slot 3



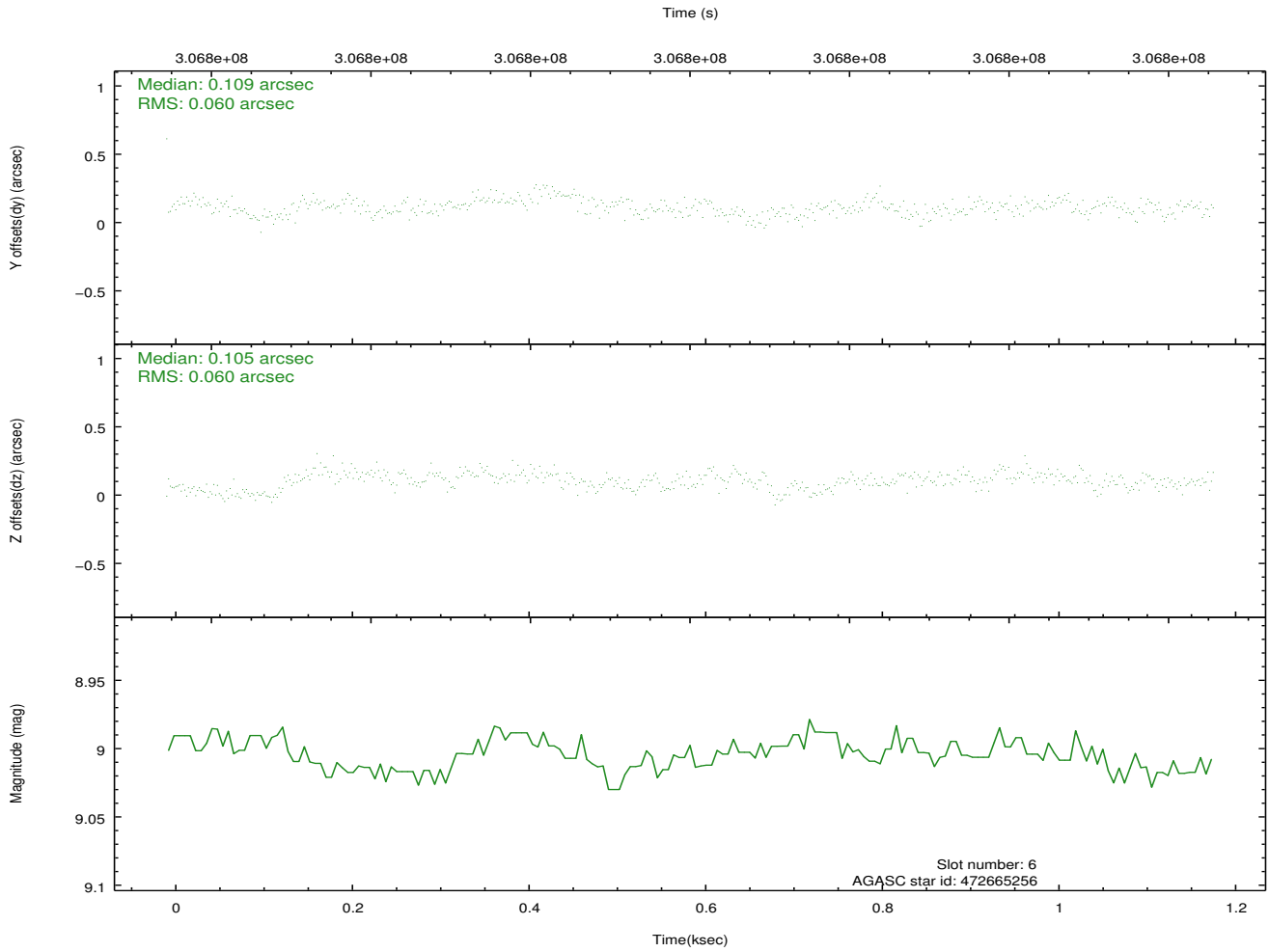
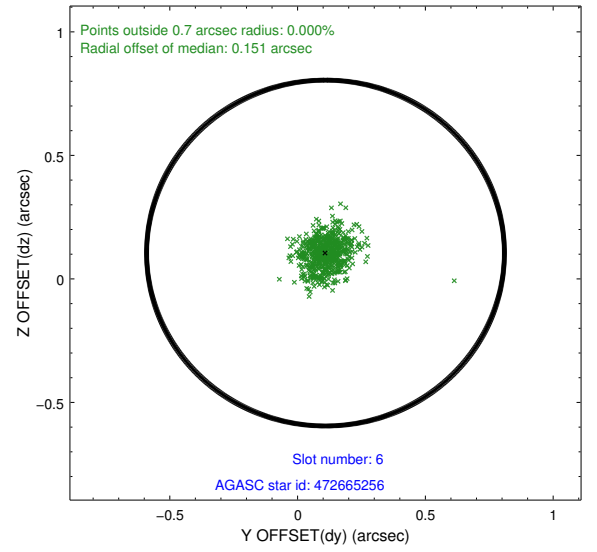
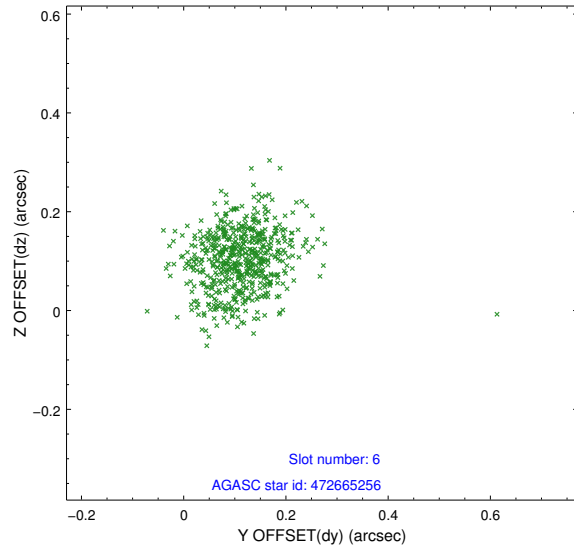
2.4.2 Slot 4



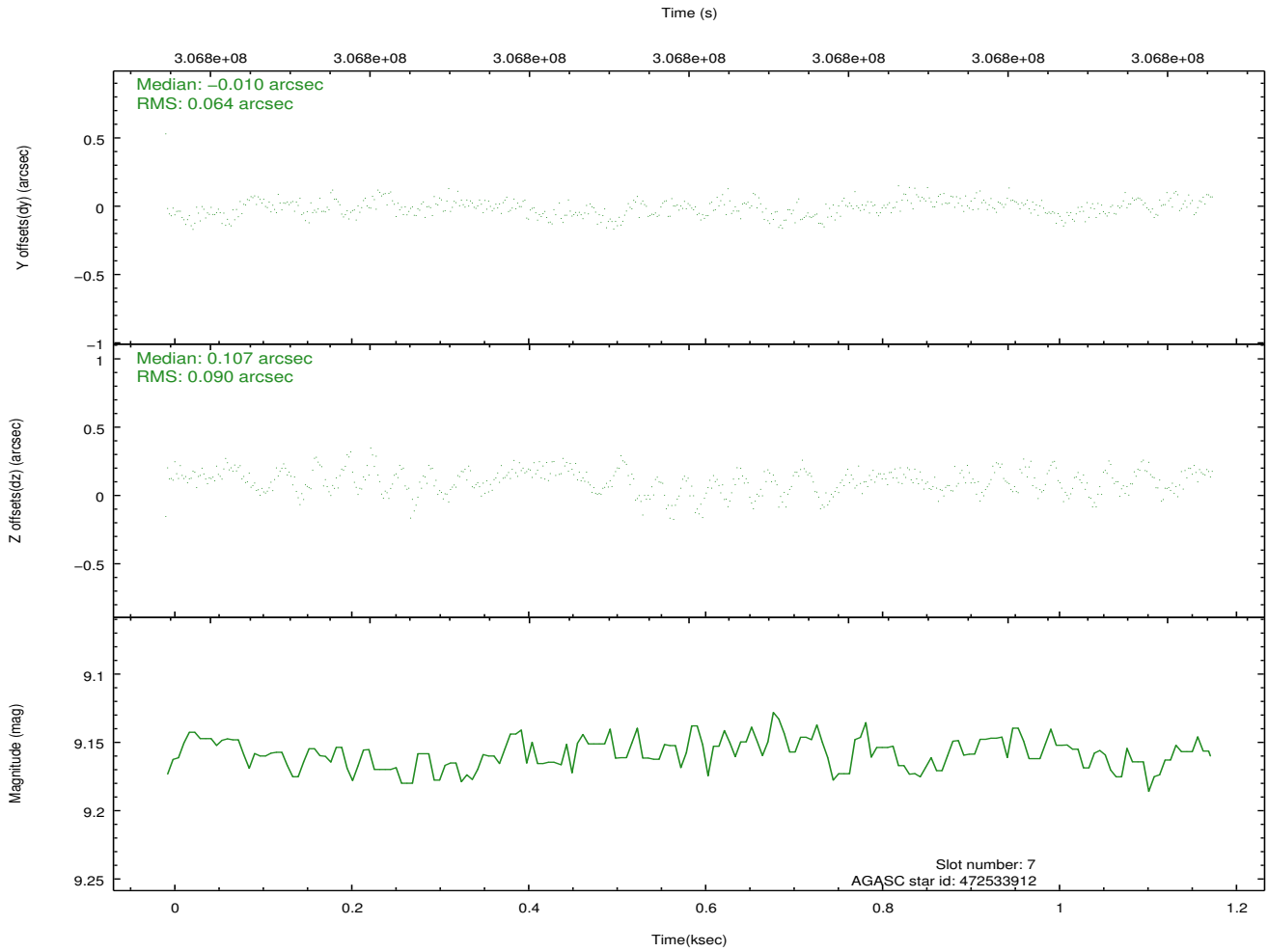
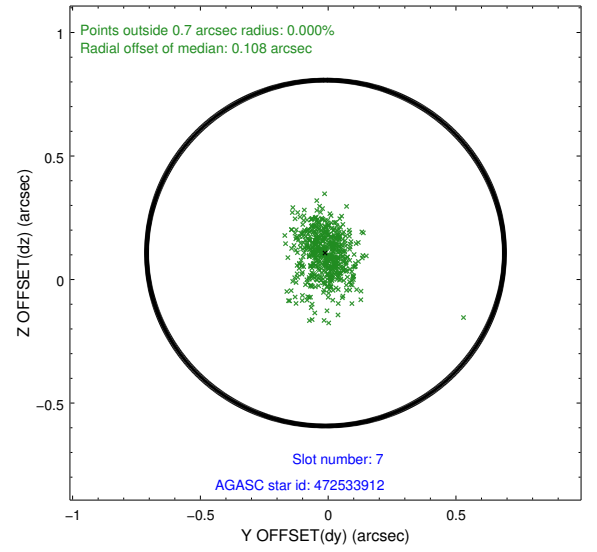
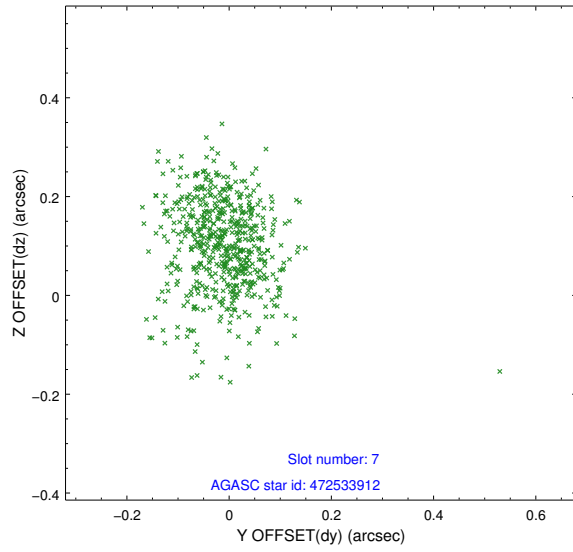
2.4.3 Slot 5



2.4.4 Slot 6

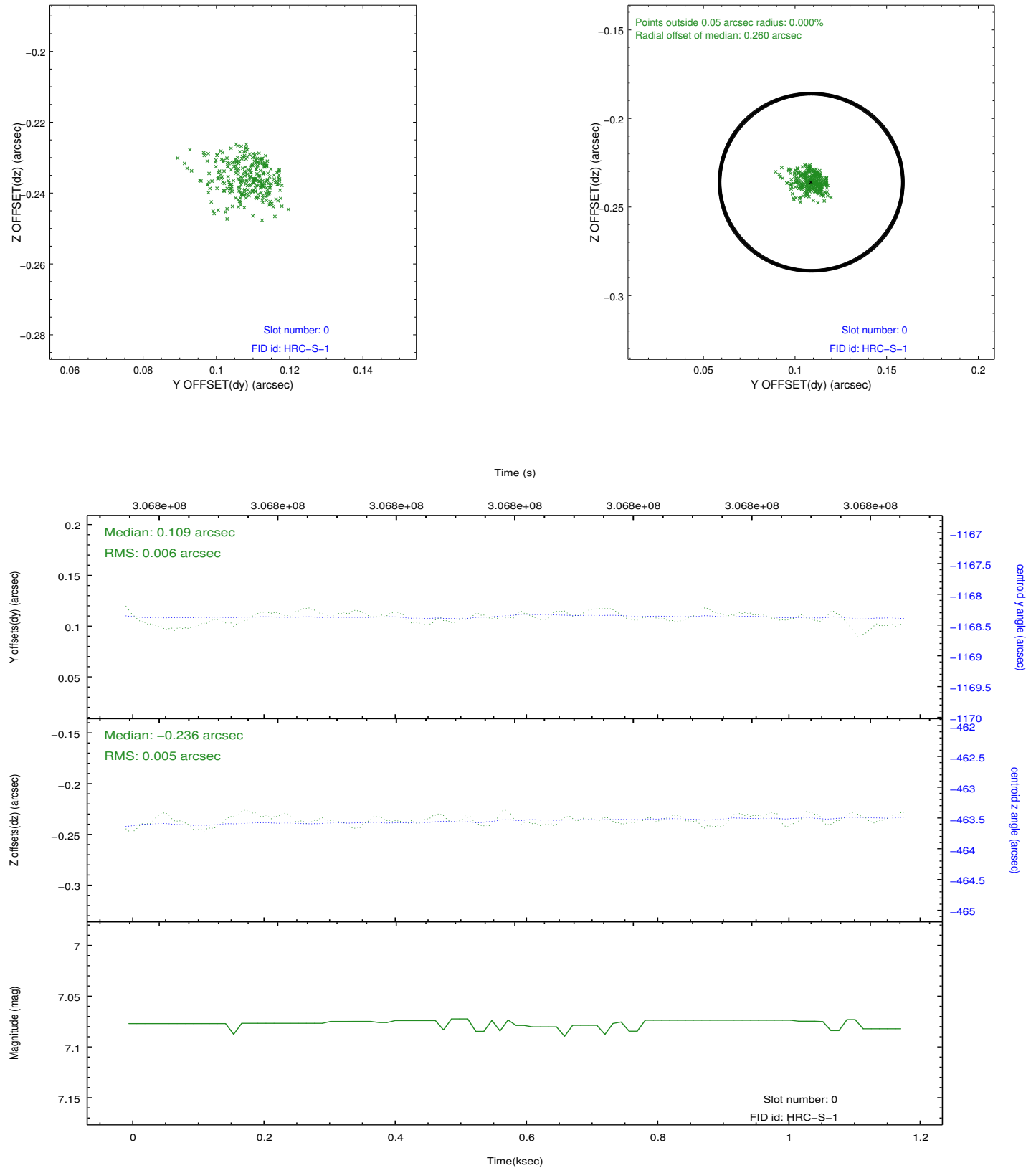


2.4.5 Slot 7

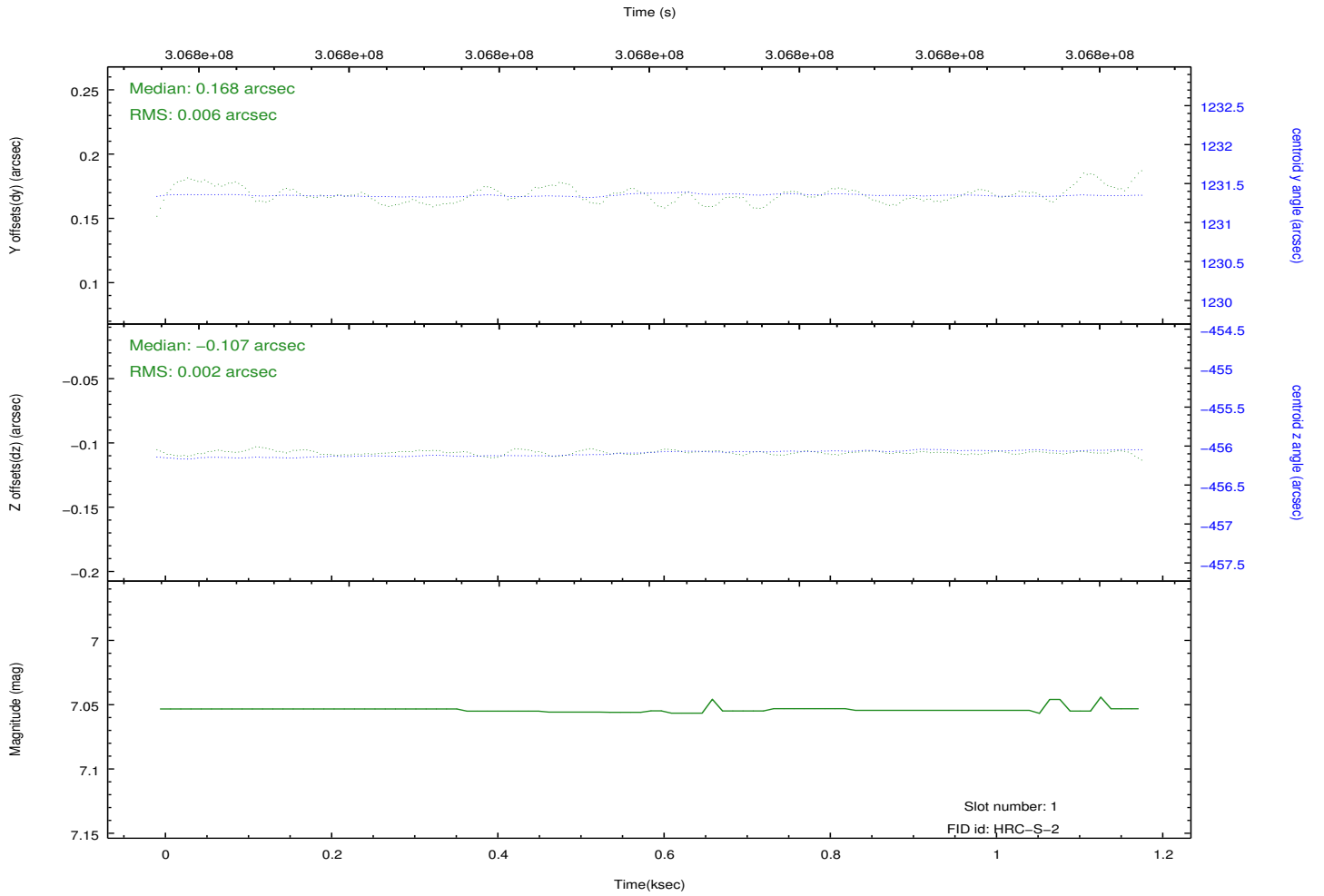
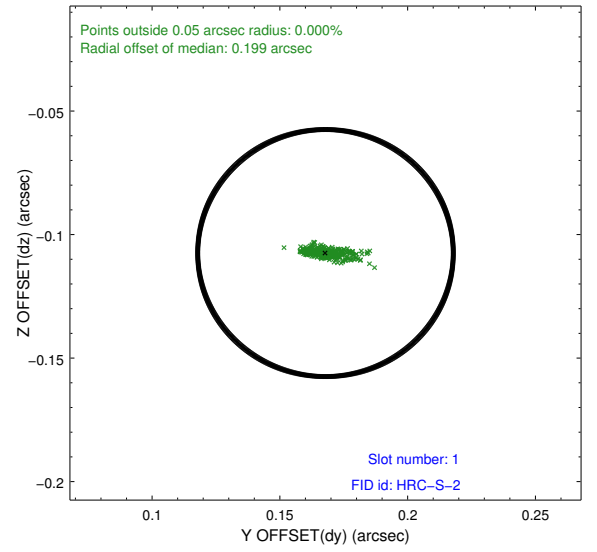
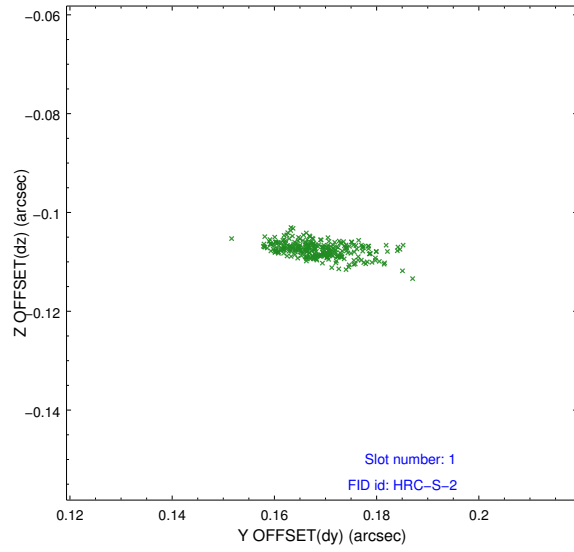


2.5 FID Slots

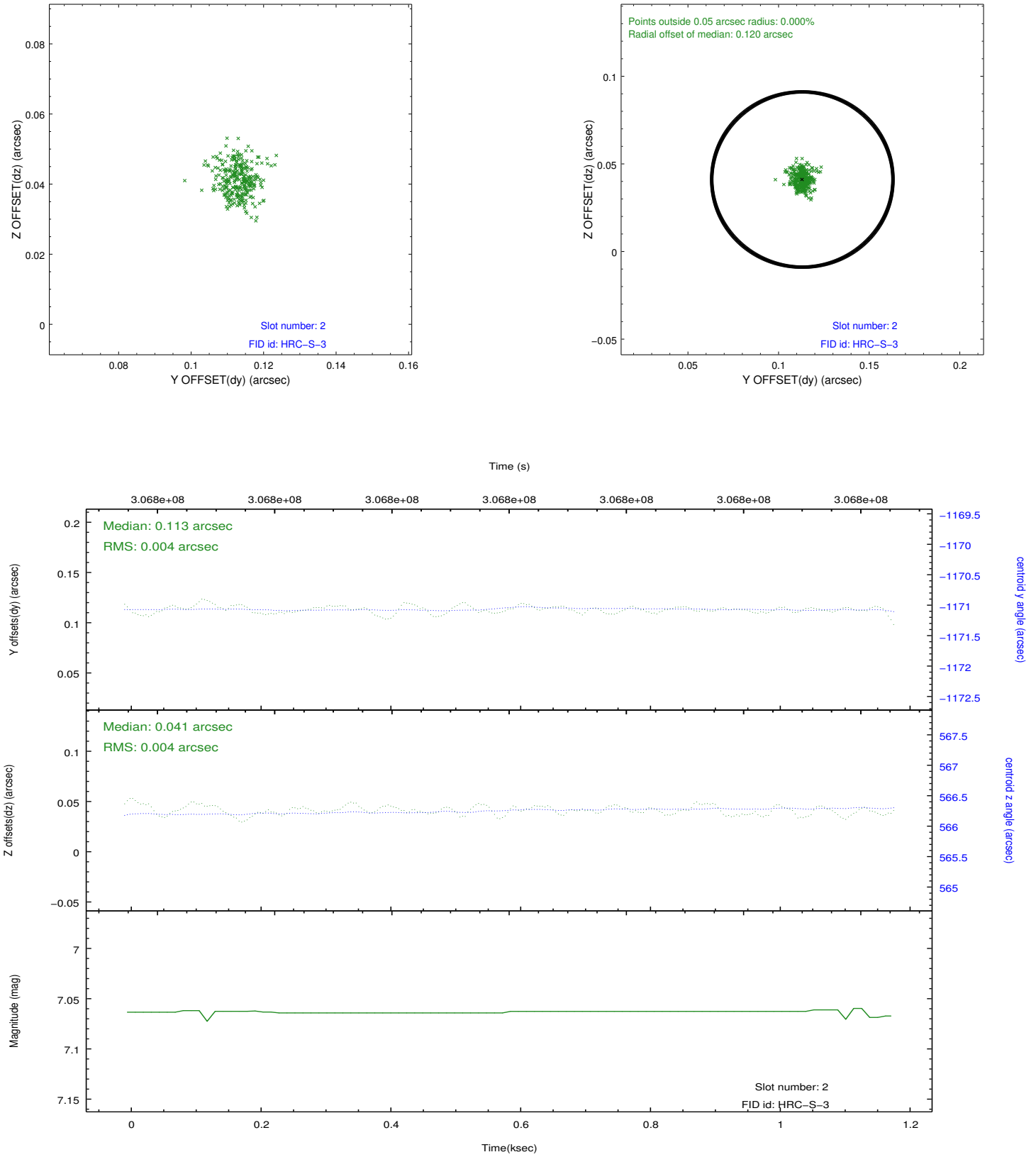
2.5.1 Slot 0



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	1.15338131

A.2 Comments