

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8339 - L2 Version 3
Chandra X-Ray Center

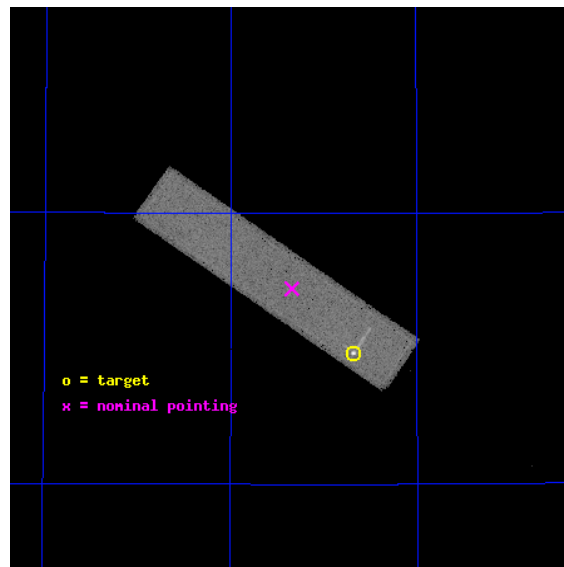
L2 Processing Date : Aug 12 2012

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1 Front

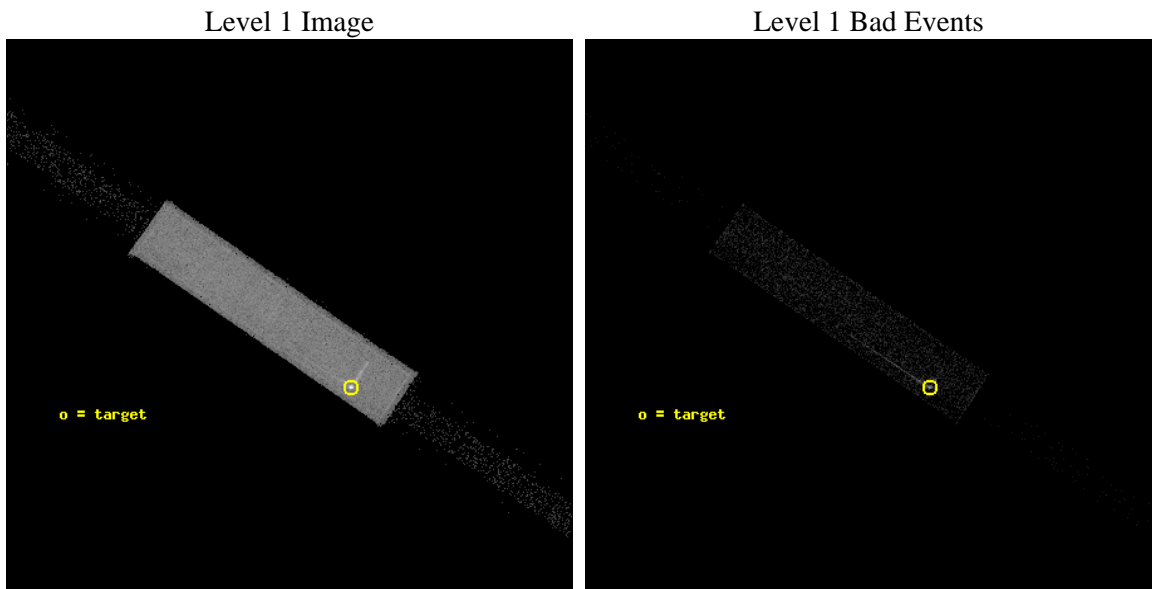
seq_num	290718	Sequence number
obs_id	8339	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.33563675294	Nominal RA [deg]
dec_nom	45.861047293622	Nominal Dec [deg]
roll_nom	214.37794368909	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1153.3813055158	[s]
livetime	1139.3110433731	Ontime multiplied by DTCOR
l2events	83690	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	1153.3813055158	[s]
caldsver	4.5.1.1	 	l1events	132940	Number of level 1 events
date	2012-08-12T04:29:08	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

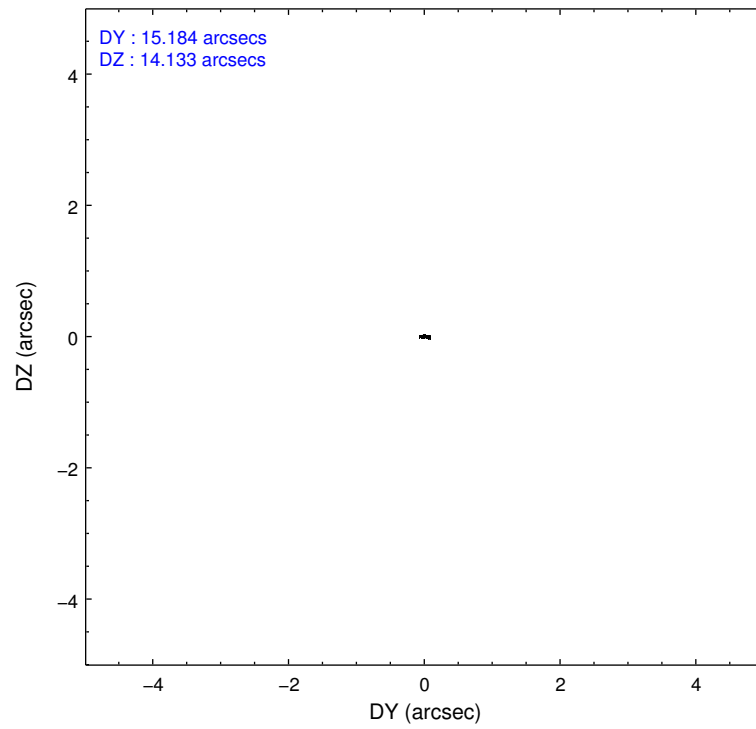
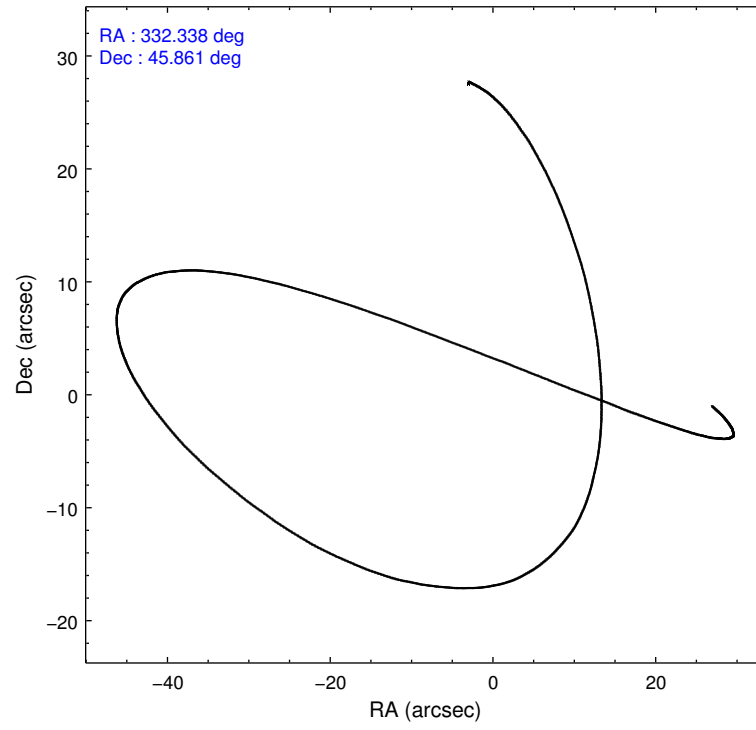
	segment 1	segment 2	segment 3
level 1 events	1064	130806	1070
rejected events	1064	32762	1066
rejected %	100%	25%	99%

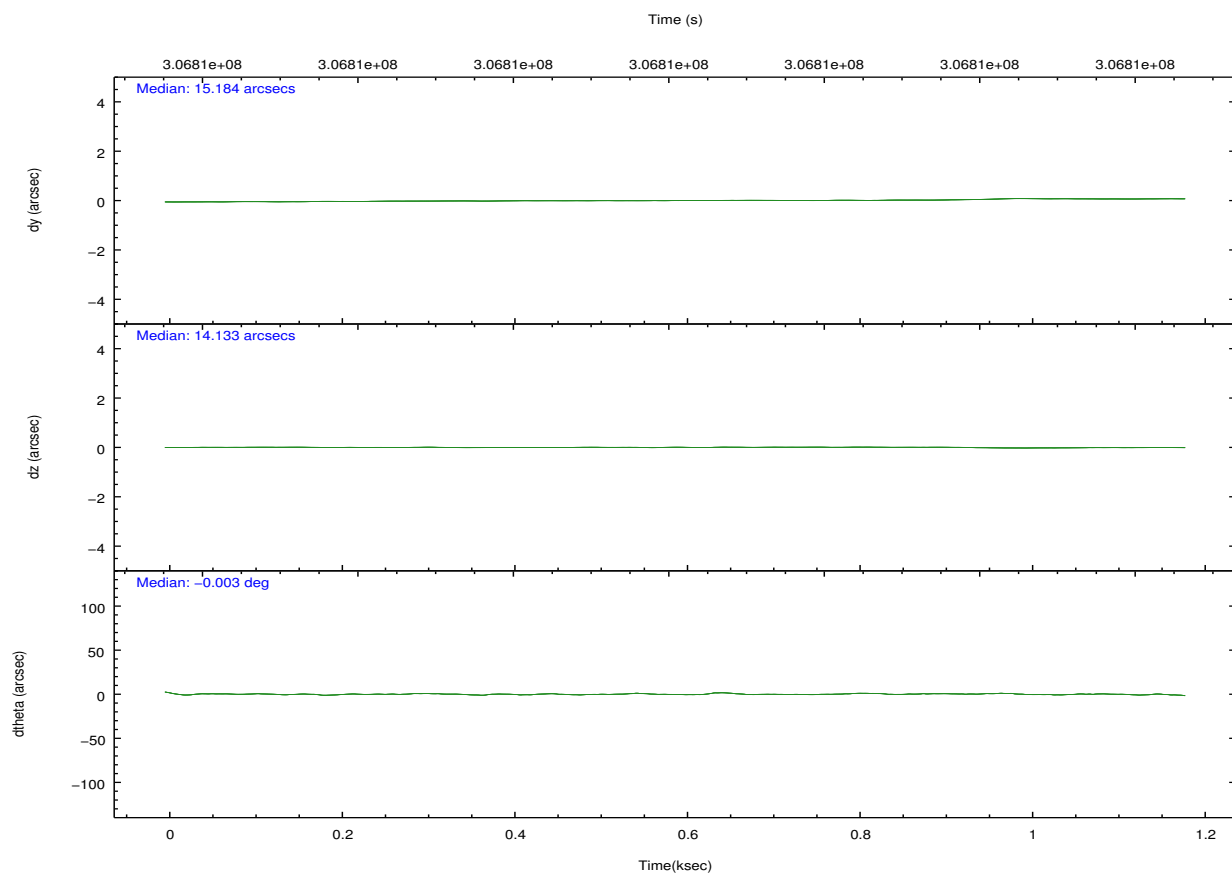
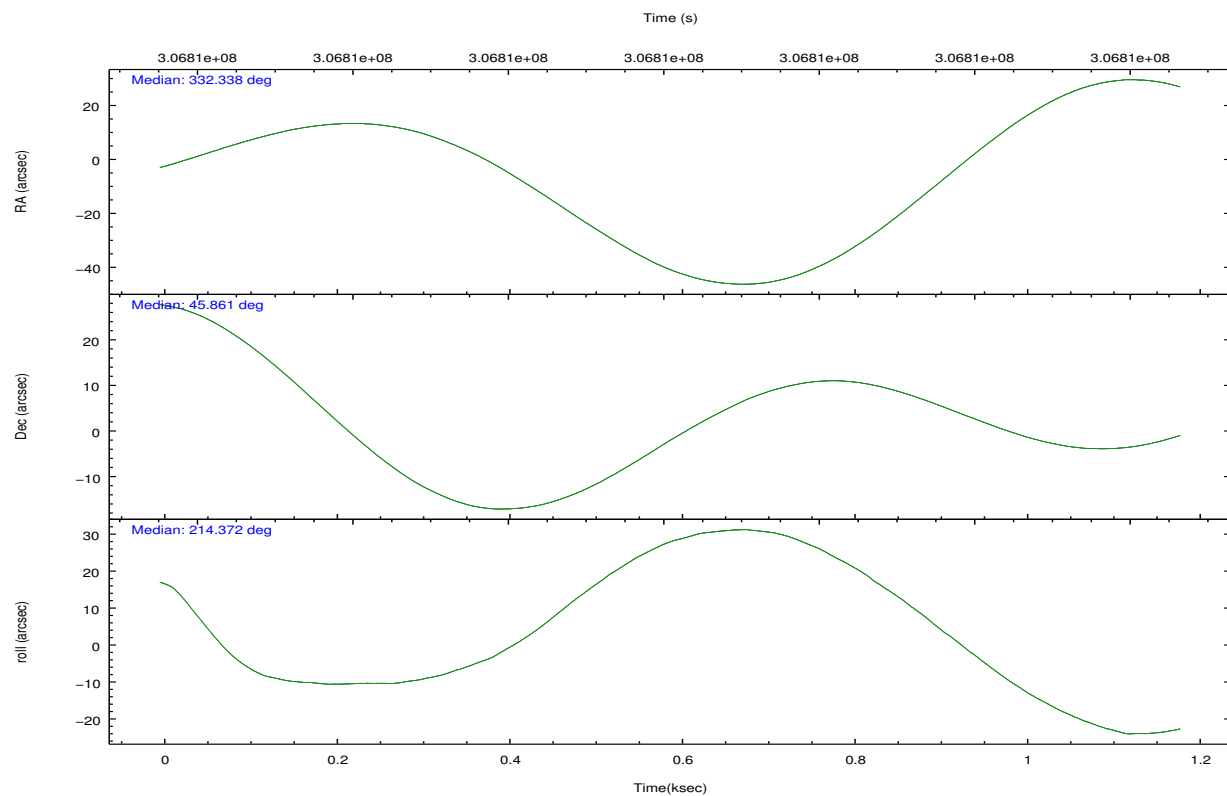
2.2 Compared Parameters

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	332.350608	332.3356367529376
[deg] Pointing Dec	45.887744	45.8610472936223
[deg] Pointing Roll	214.299762	214.377943689089
[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)	306813393.184000	306813017.58191
Observation start date	2007-09-22T01:55:28	2007-09-22T01:50:17
[s] Observation end time (MET)	306814393.184000	306814527.40698
Observation end date	2007-09-22T02:12:08	2007-09-22T02:15:27

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

2.3 Aspect



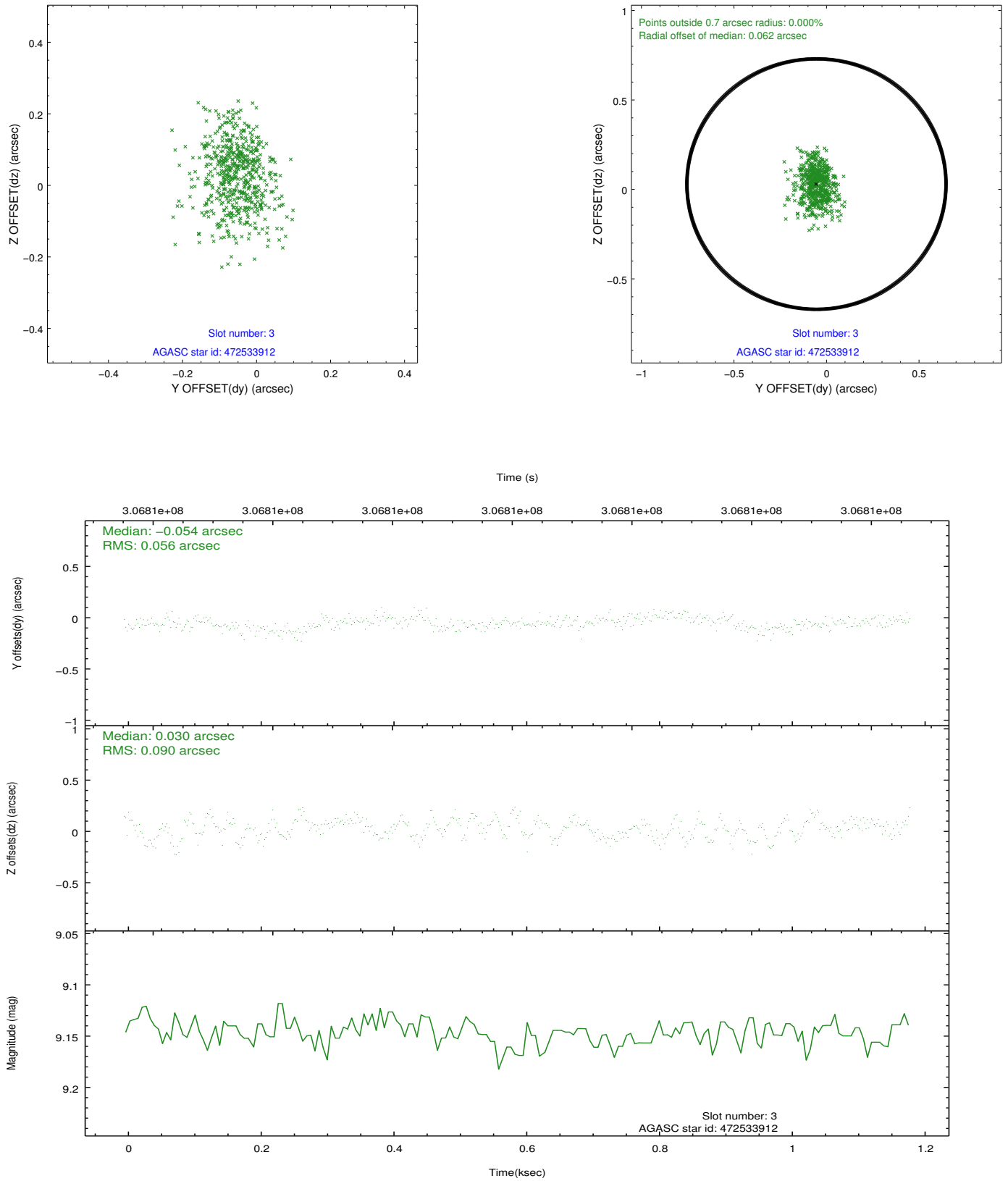


Slot Statistics

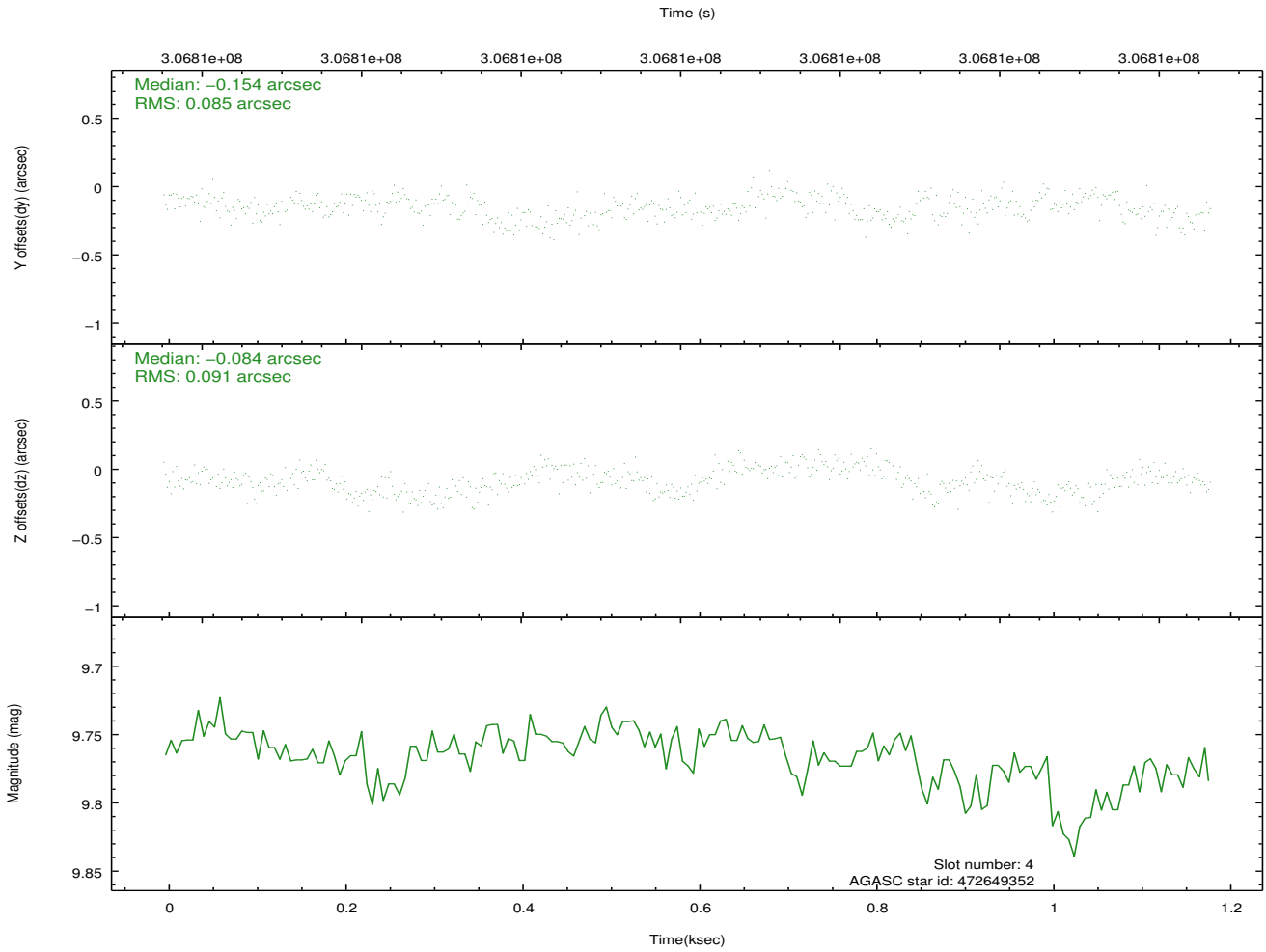
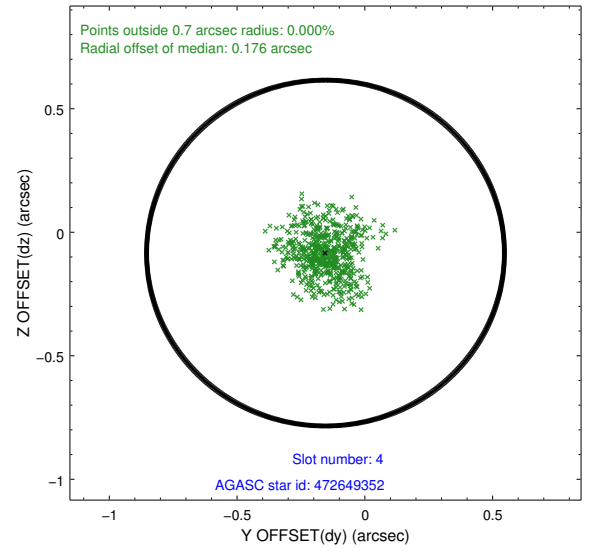
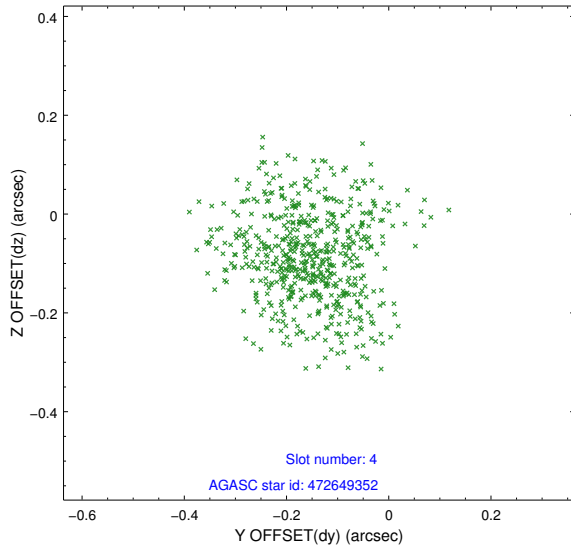
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.06	289	0.090	-0.219	0.007	0.011	0.000000	0.000000	-1169.58	-463.01
1	FID	HRC-S-2	7.05	289	0.186	-0.107	0.005	0.009	0.000000	0.000000	1226.12	-457.15
2	FID	HRC-S-3	7.06	289	0.114	0.024	0.007	0.010	0.000000	0.000000	-1168.03	565.17
3	GUIDE	472533912	9.15	576	-0.054	0.030	0.110	0.187	331.791136	46.368695	171.84	-2219.31
4	GUIDE	472649352	9.76	578	-0.154	-0.084	0.138	0.210	332.034169	45.325407	1803.66	1214.18
5	GUIDE	472654568	9.43	577	0.029	0.119	0.093	0.159	332.194449	45.063576	2004.89	2227.60
6	GUIDE	472655152	9.42	575	0.114	-0.157	0.111	0.183	332.504239	45.862991	-262.47	292.22
7	GUIDE	472665256	9.00	577	0.070	0.086	0.083	0.144	332.808125	46.195041	-1565.45	-275.45

2.4 Star Slots

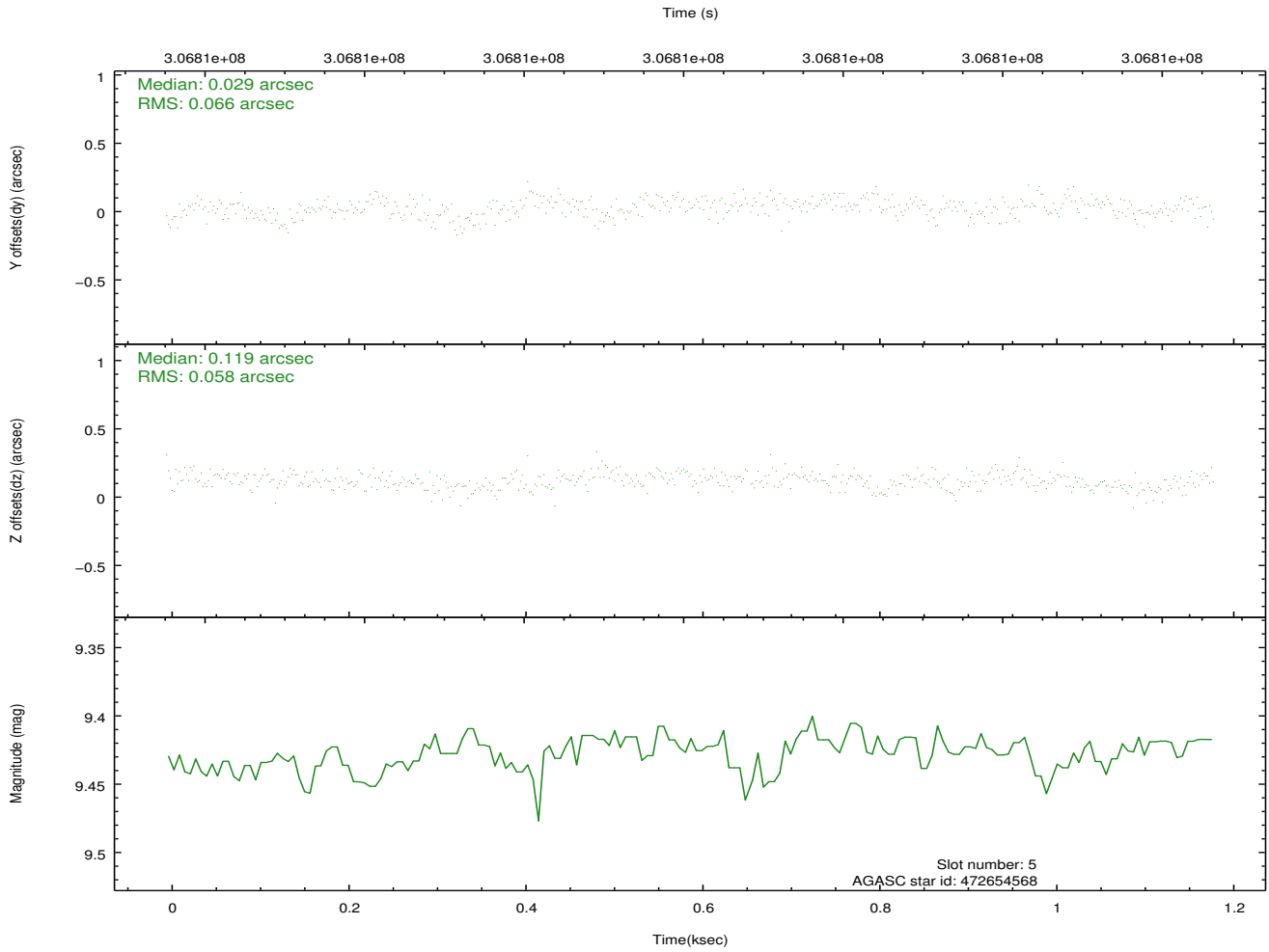
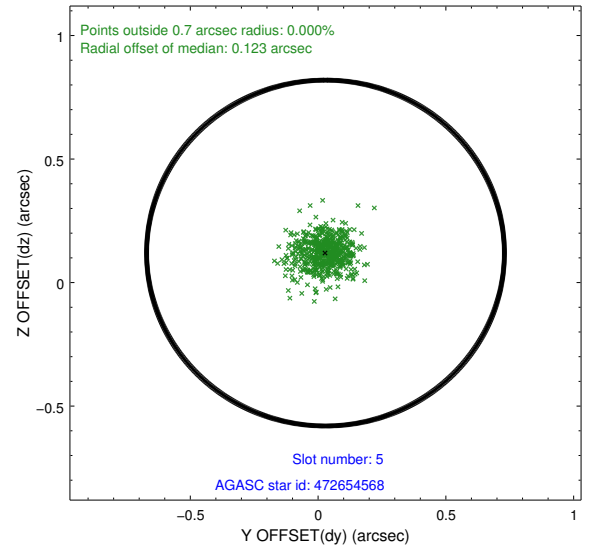
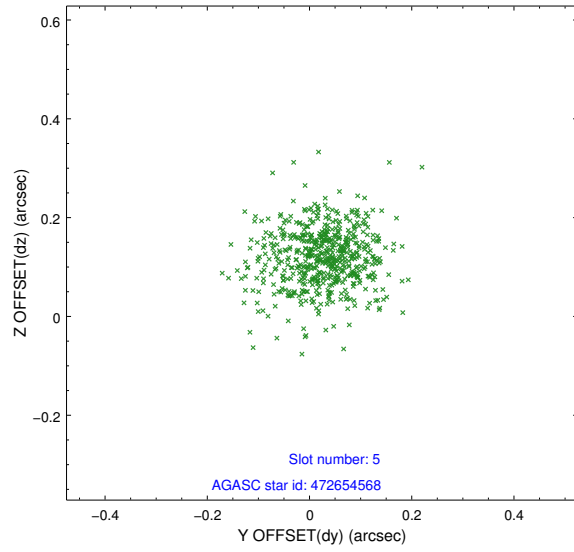
2.4.1 Slot 3



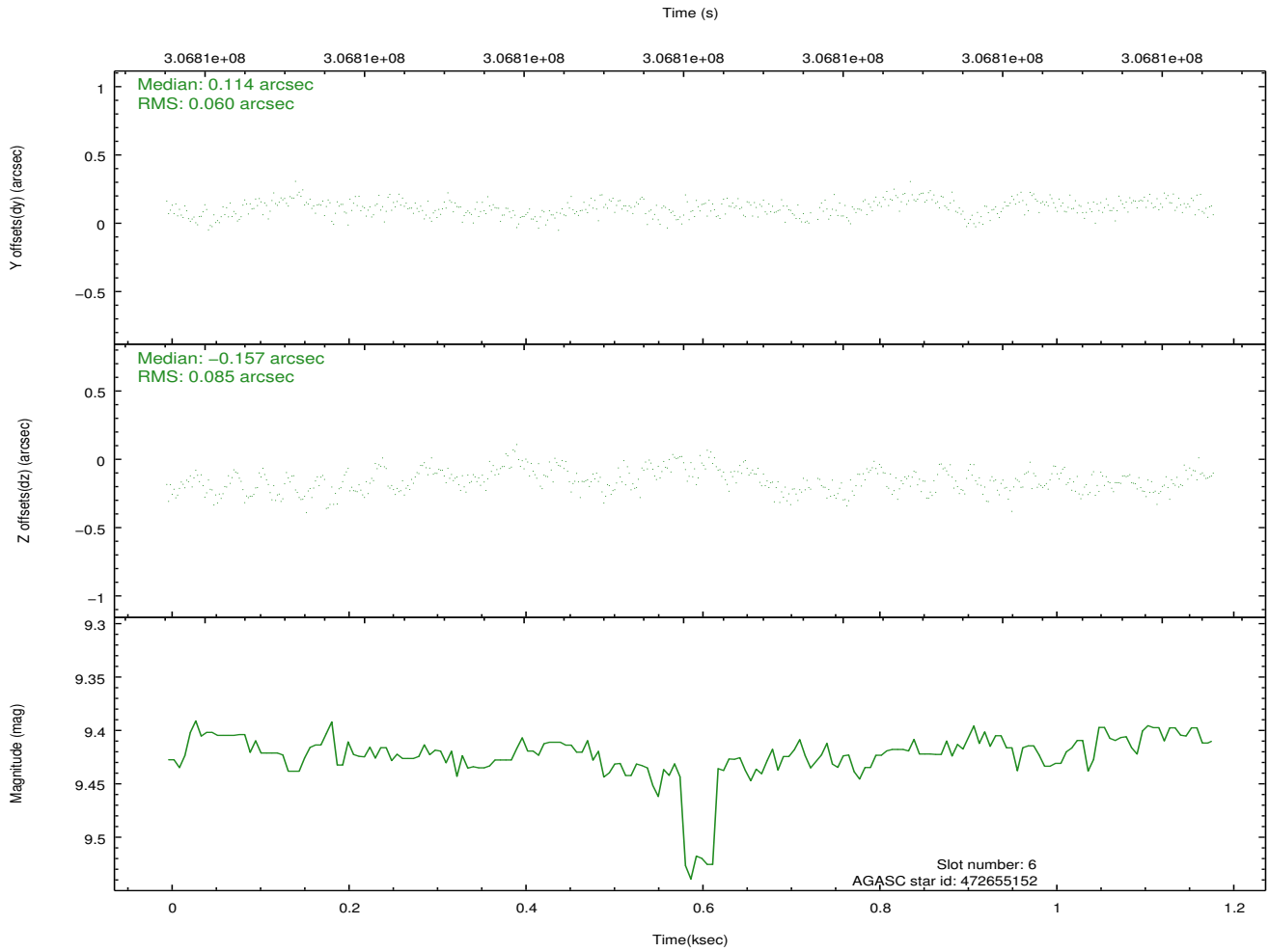
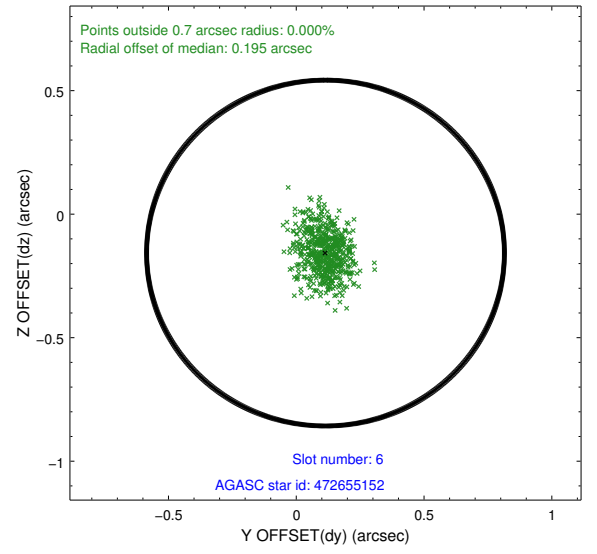
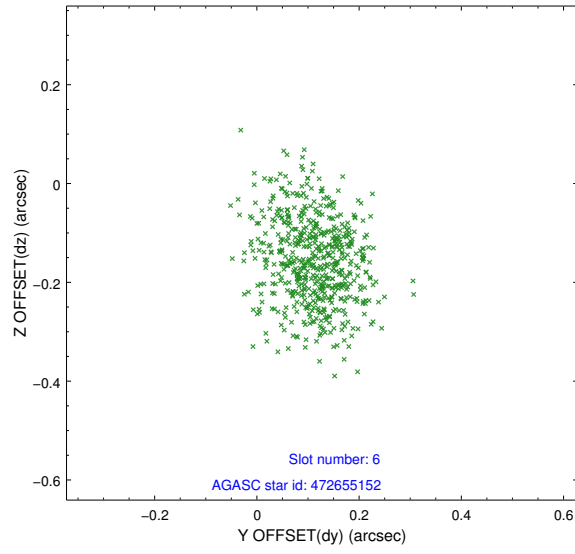
2.4.2 Slot 4



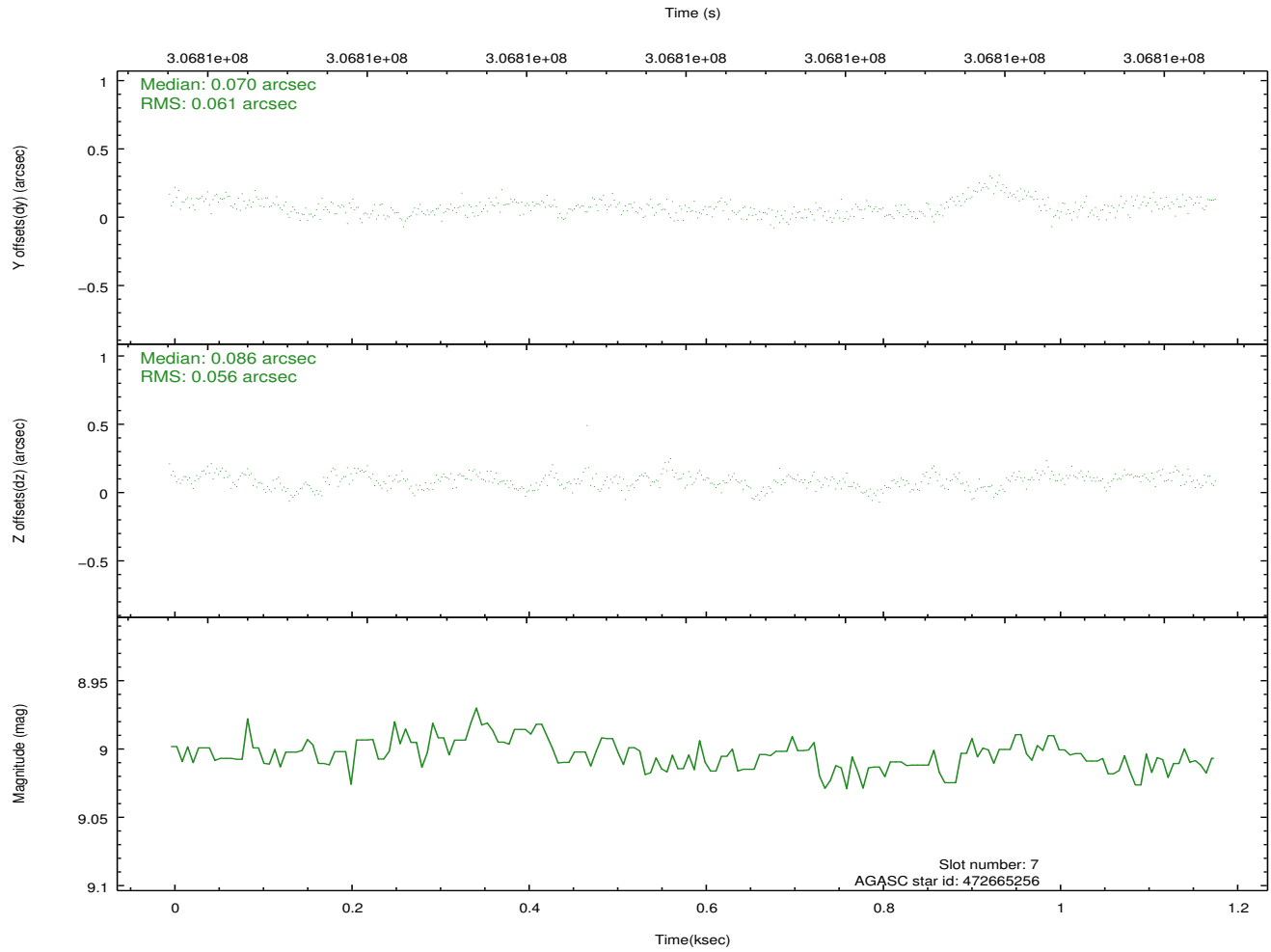
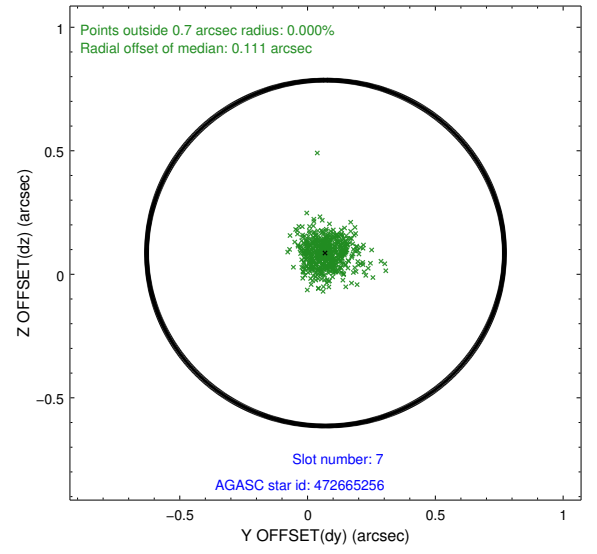
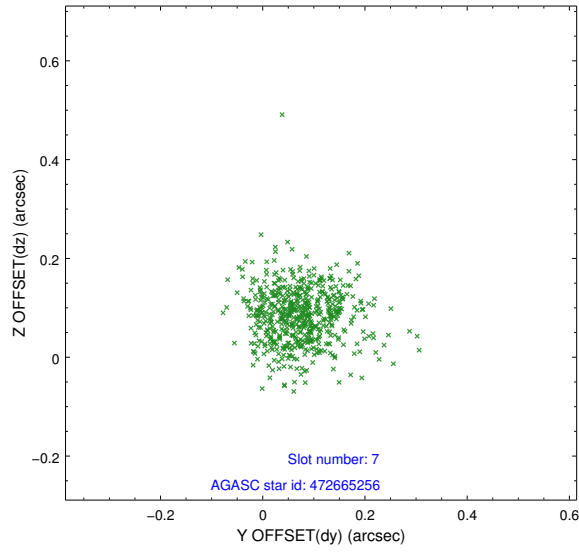
2.4.3 Slot 5



2.4.4 Slot 6

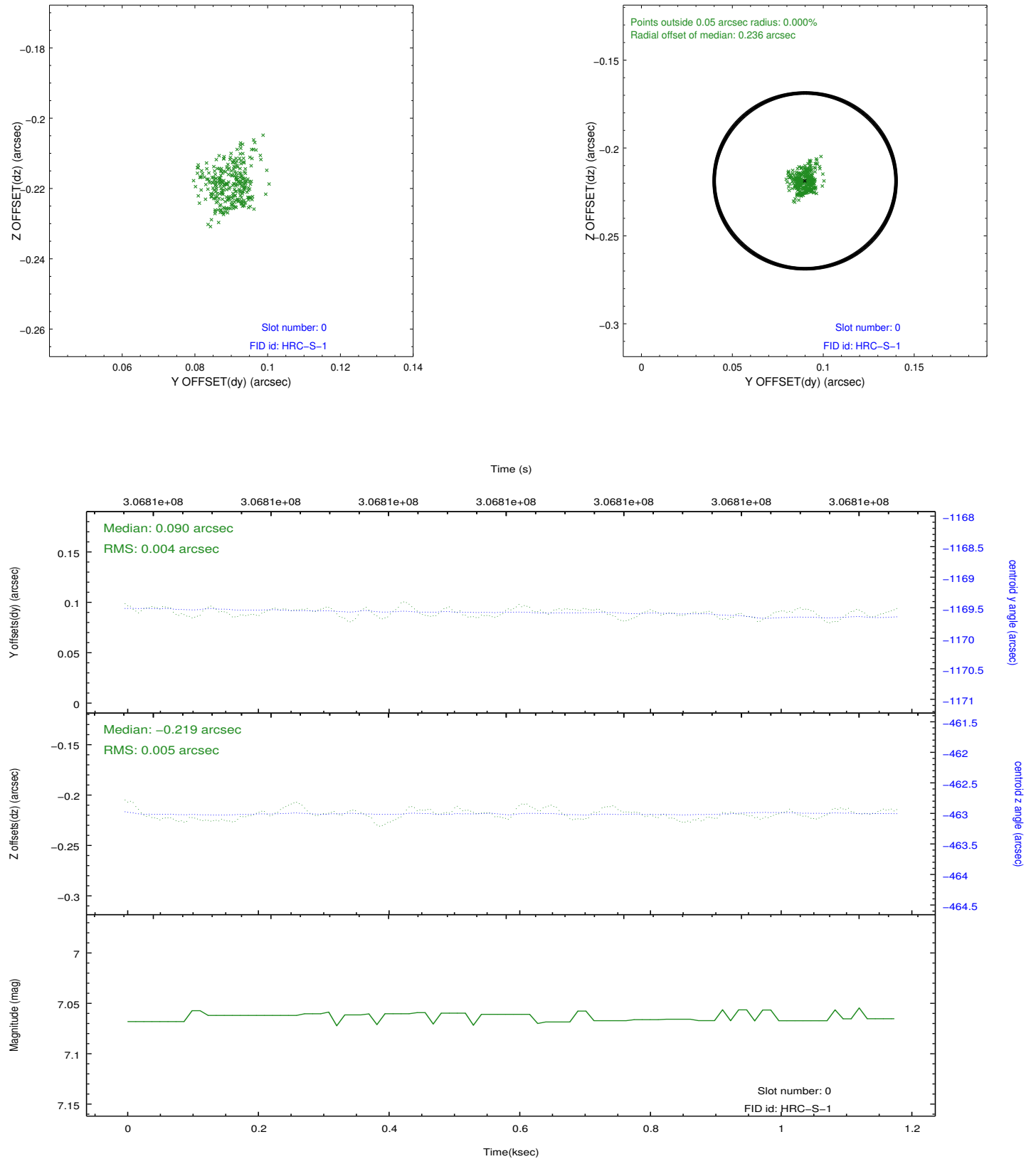


2.4.5 Slot 7

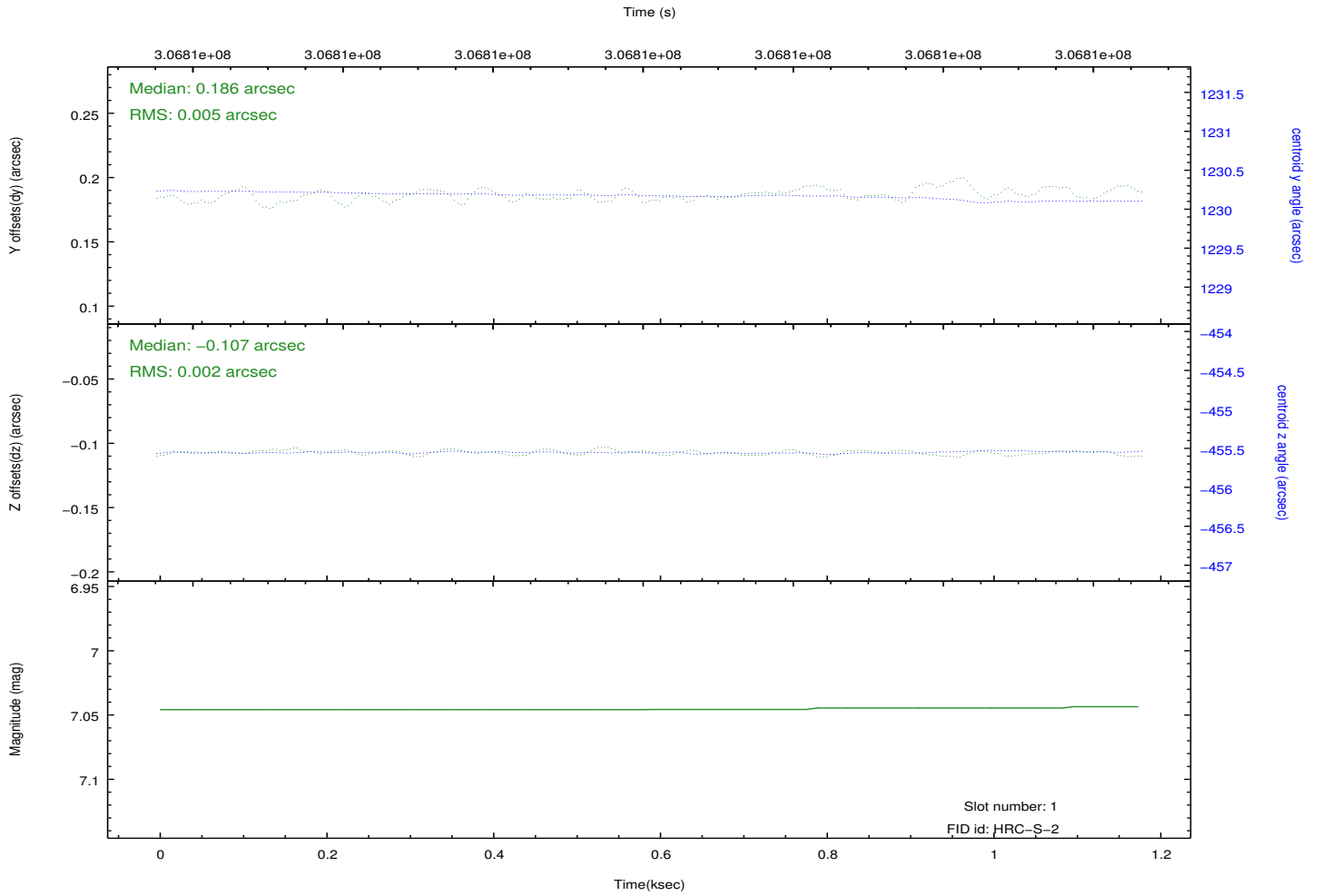
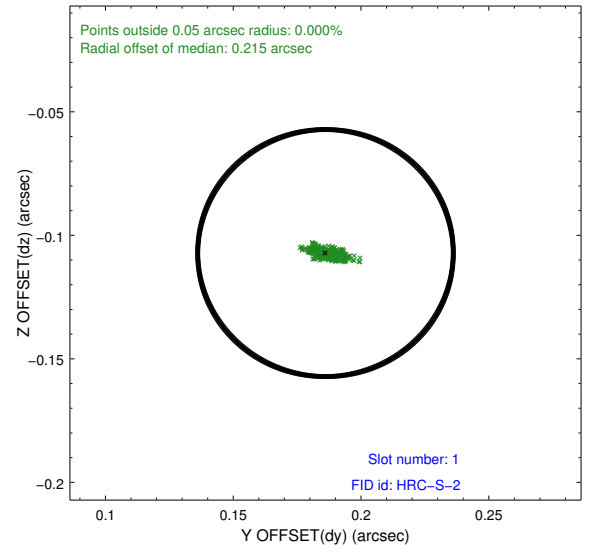
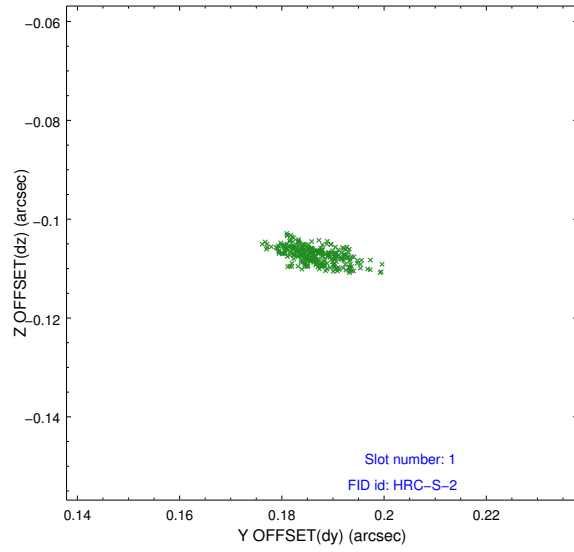


2.5 FID Slots

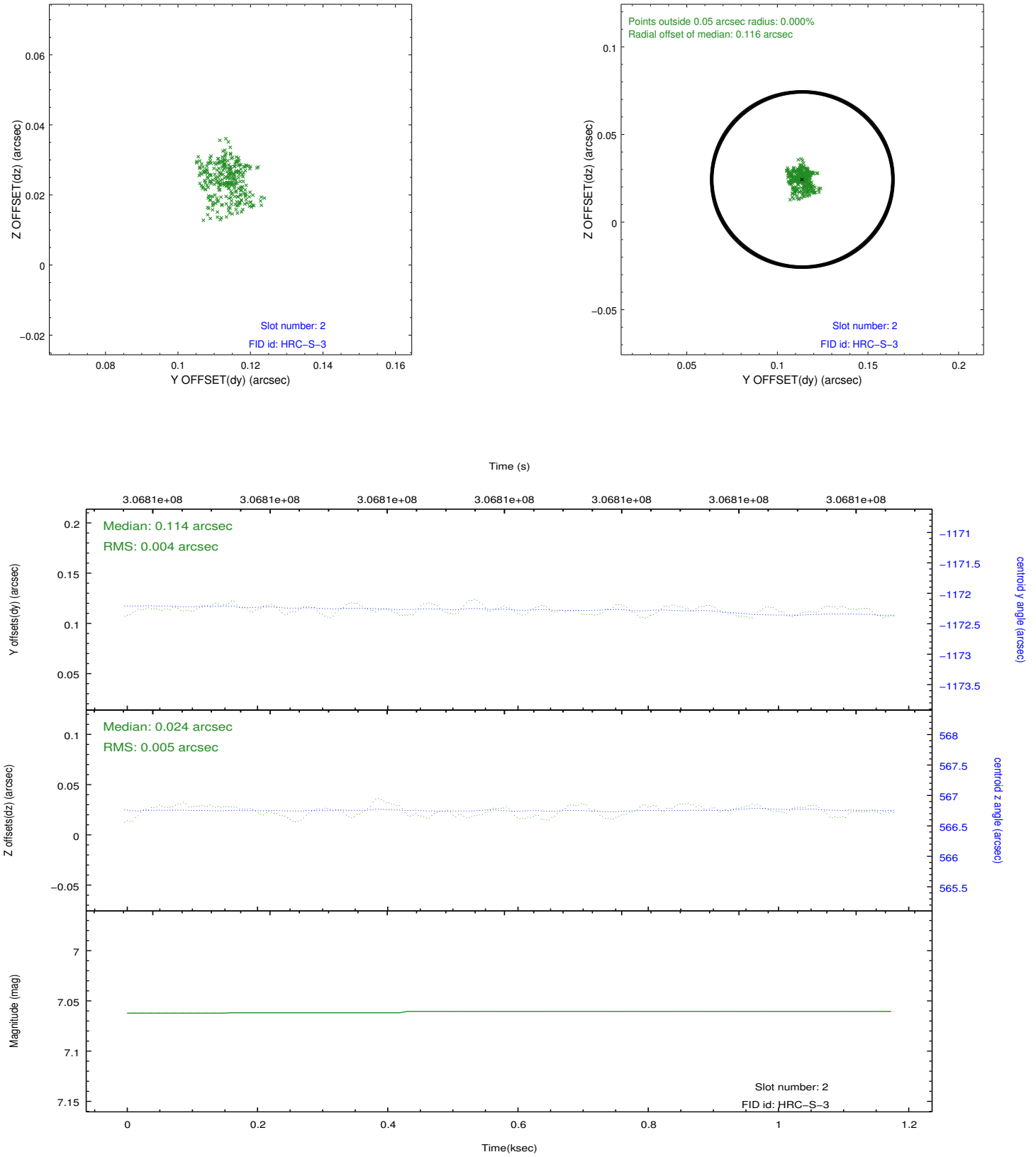
2.5.1 Slot 0



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	1.15312505

A.2 Comments