

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10620 - L2 Version 3
Chandra X-Ray Center

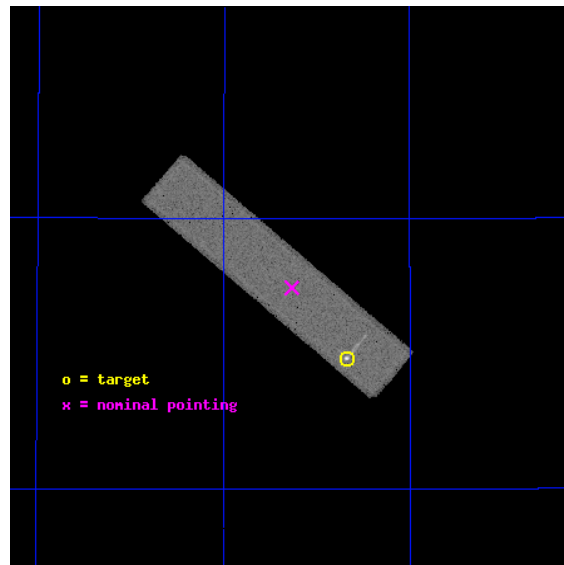
L2 Processing Date : Aug 13 2012

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1 Front

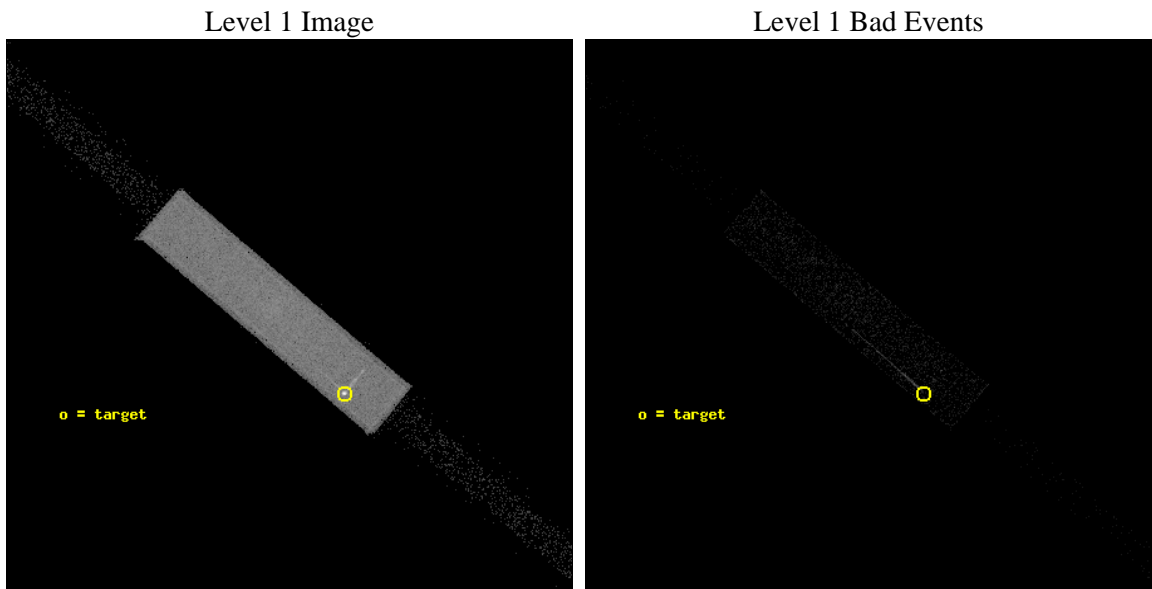
seq_num	290856	Sequence number
obs_id	10620	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.31707390359	Nominal RA [deg]
dec_nom	45.872507909225	Nominal Dec [deg]
roll_nom	220.24288714273	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1278.1750642657	[s]
livetime	1265.8177378216	Ontime multiplied by DTCOR
l2events	88738	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	1100.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1278.1750642657	[s]
caldsver	4.5.1.1	 	l1events	134605	Number of level 1 events
date	2012-08-13T17:40:10	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

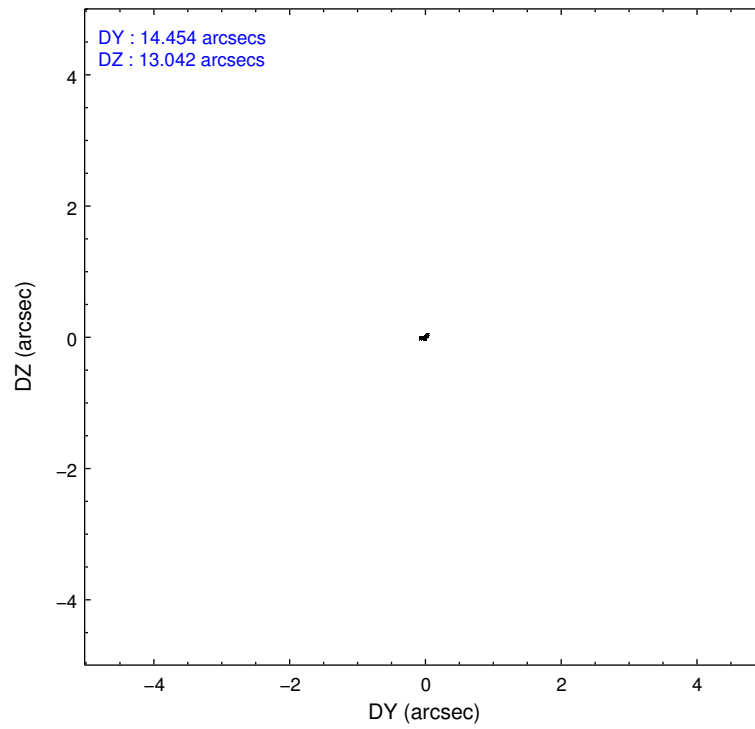
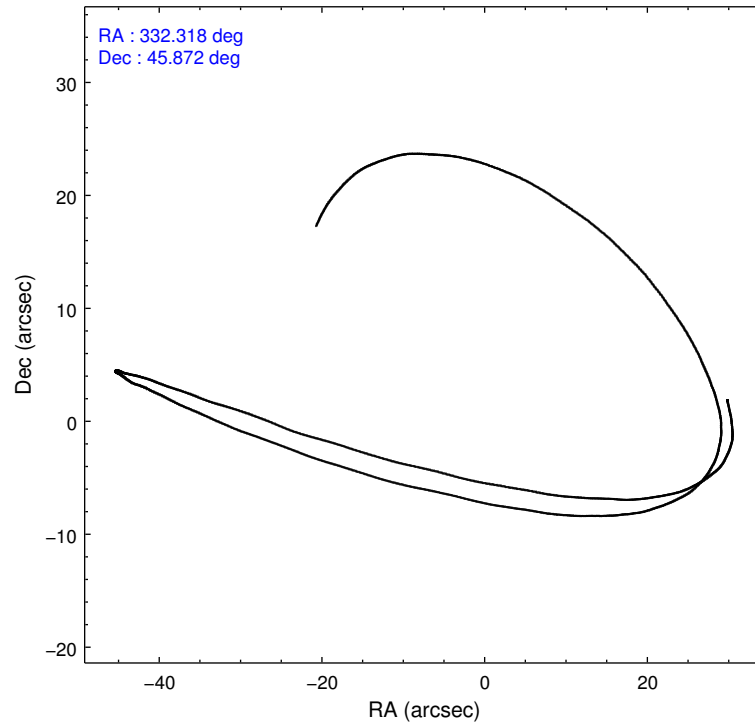
	segment 1	segment 2	segment 3
level 1 events	1189	132294	1122
rejected events	1189	26723	1122
rejected %	100%	20%	100%

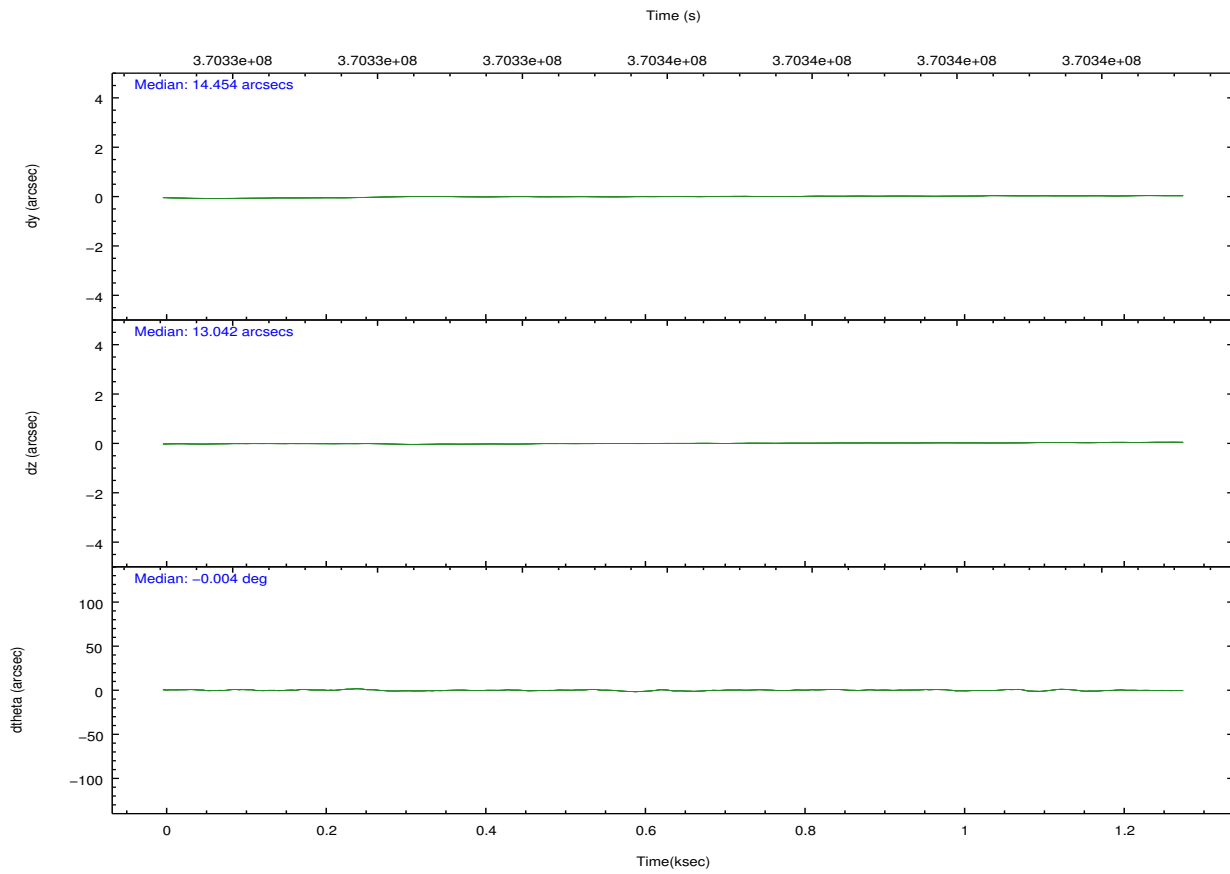
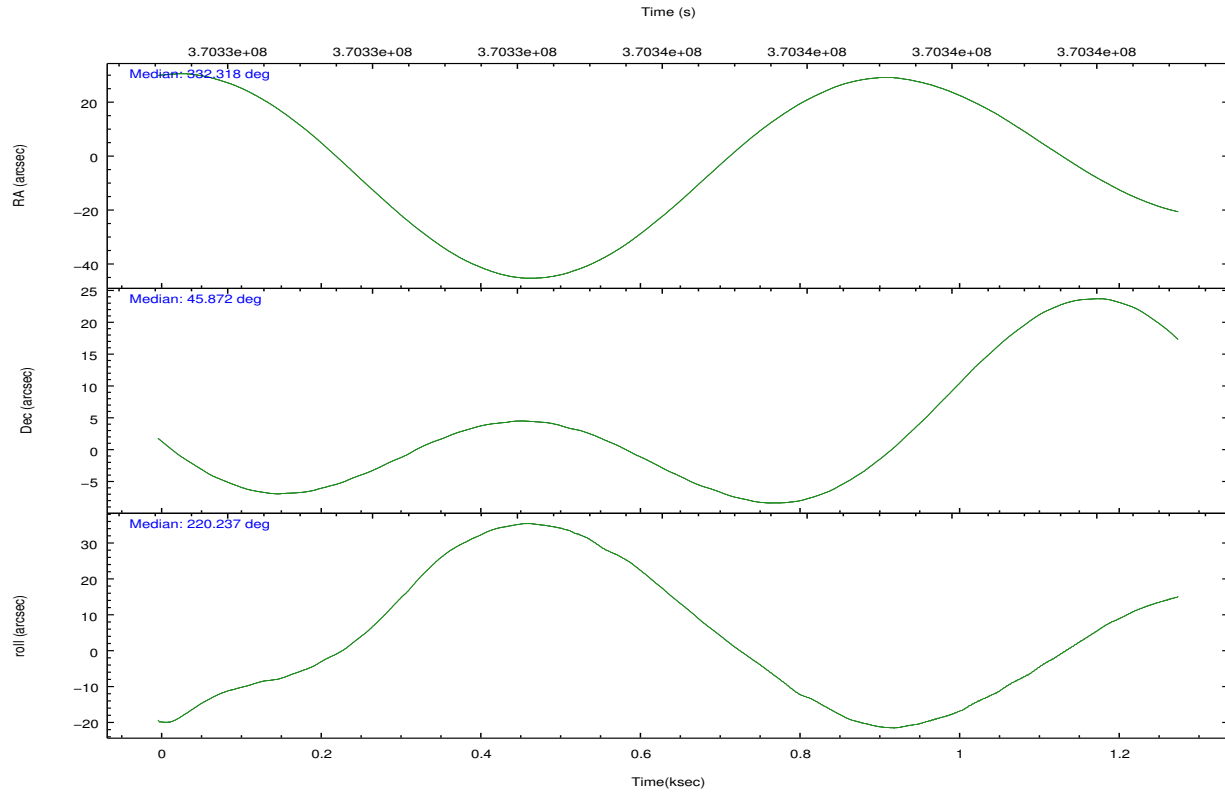
2.2 Compared Parameters

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	332.328372	332.3170739035911
[deg] Pointing Dec	45.899841	45.87250790922496
[deg] Pointing Roll	220.167441	220.2428871427327
[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)	370334543.184000	370334167.24043
Observation start date	2009-09-26T06:41:17	2009-09-26T06:36:07
[s] Observation end time (MET)	370335643.184000	370335777.00301
Observation end date	2009-09-26T06:59:37	2009-09-26T07:02:57

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

2.3 Aspect



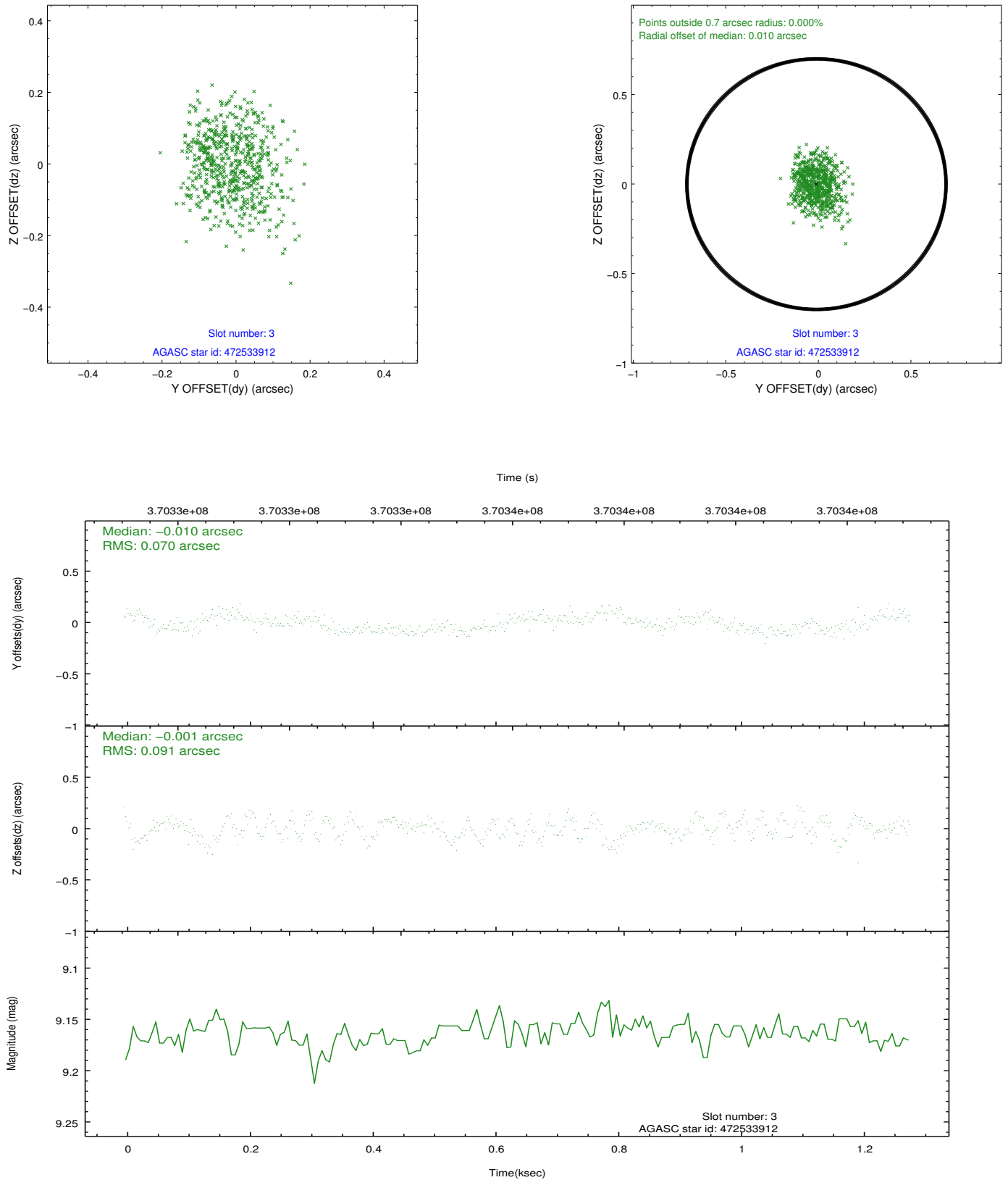


Slot Statistics

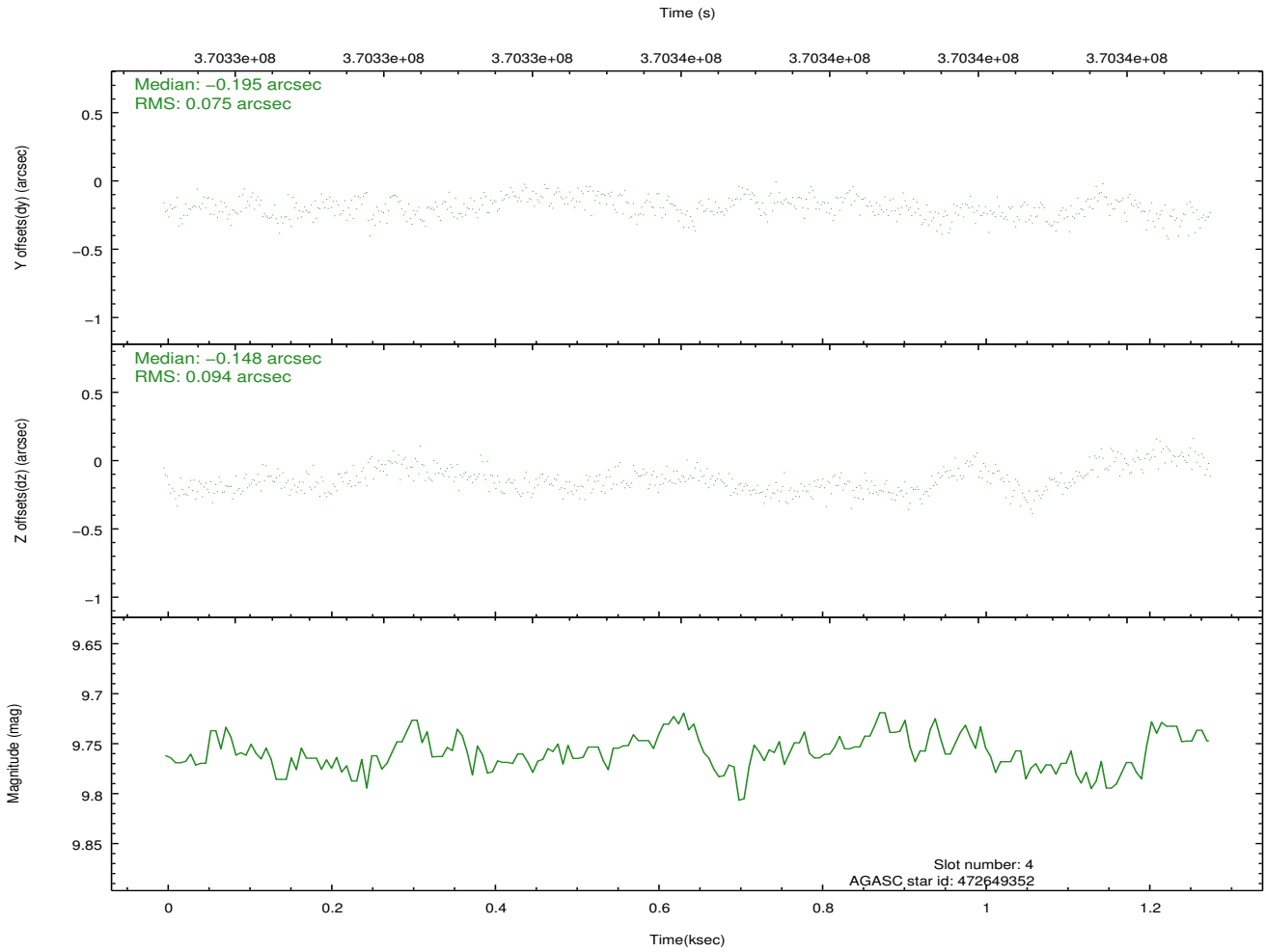
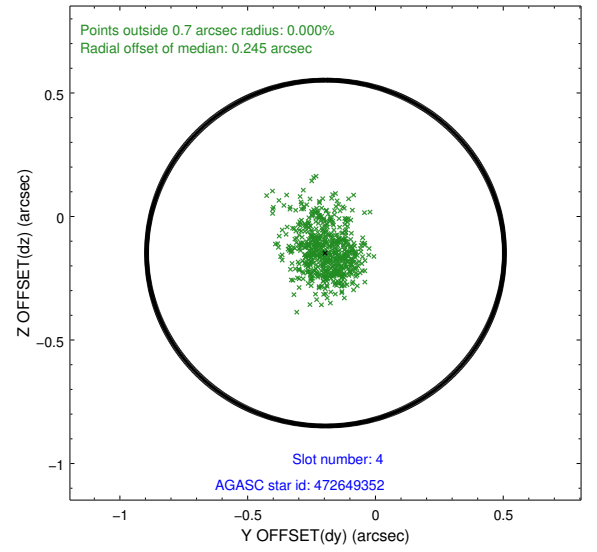
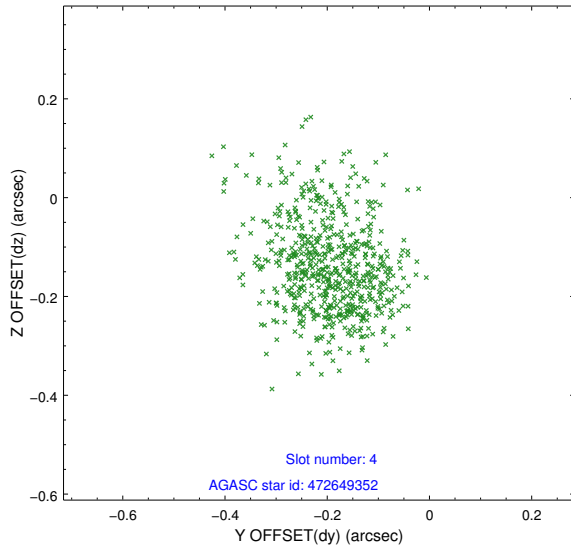
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	312	0.065	-0.151	0.007	0.013	0.000000	0.000000	-1168.84	-461.85
1	FID	HRC-S-2	6.97	312	0.218	-0.110	0.004	0.008	0.000000	0.000000	1227.23	-455.88
2	FID	HRC-S-3	7.00	312	0.107	-0.041	0.006	0.013	0.000000	0.000000	-1167.60	566.32
3	GUIDE	472533912	9.16	625	-0.010	-0.001	0.122	0.192	331.791136	46.368695	-69.60	-2154.53
4	GUIDE	472649352	9.76	625	-0.195	-0.148	0.126	0.209	332.034169	45.325407	1903.72	1095.02
5	GUIDE	472654568	9.42	625	0.092	0.206	0.112	0.192	332.194449	45.063576	2207.03	2082.42
6	GUIDE	472655152	9.43	620	0.079	-0.151	0.140	0.223	332.504239	45.862991	-245.95	388.21
7	GUIDE	472663080	9.41	623	0.038	0.109	0.113	0.189	332.652741	46.473840	-1946.71	-1061.52

2.4 Star Slots

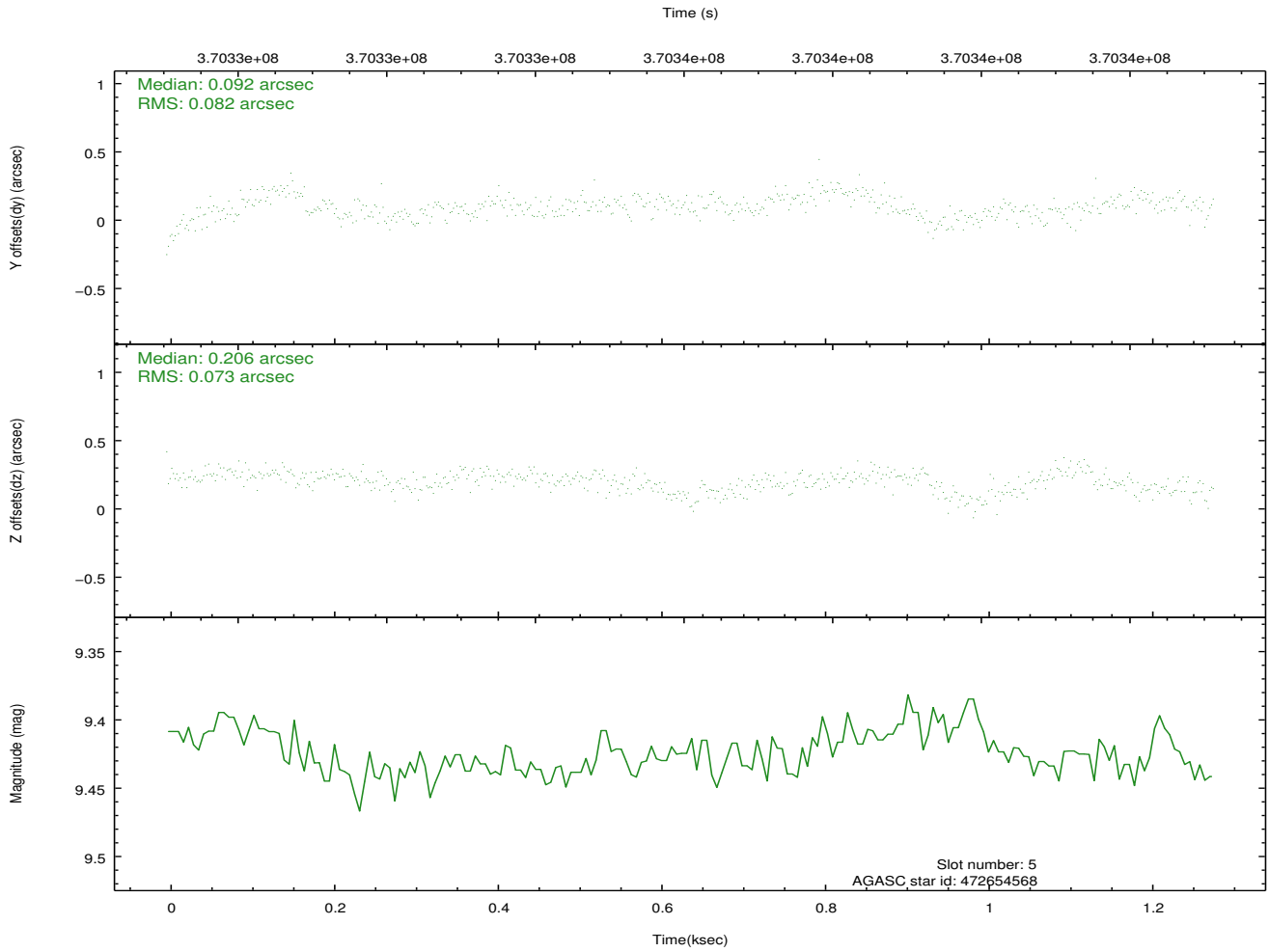
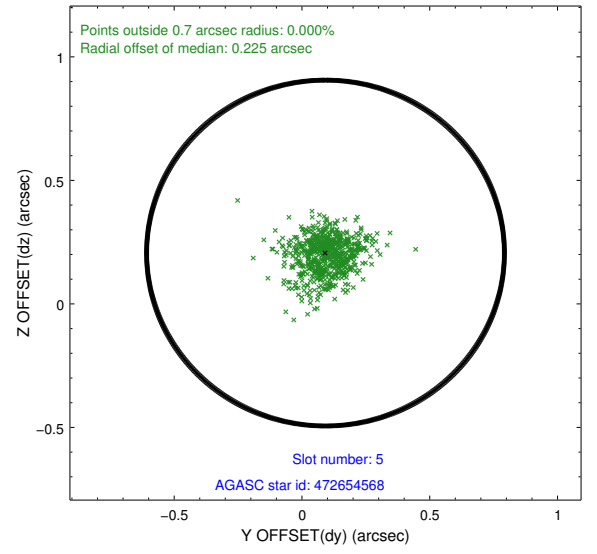
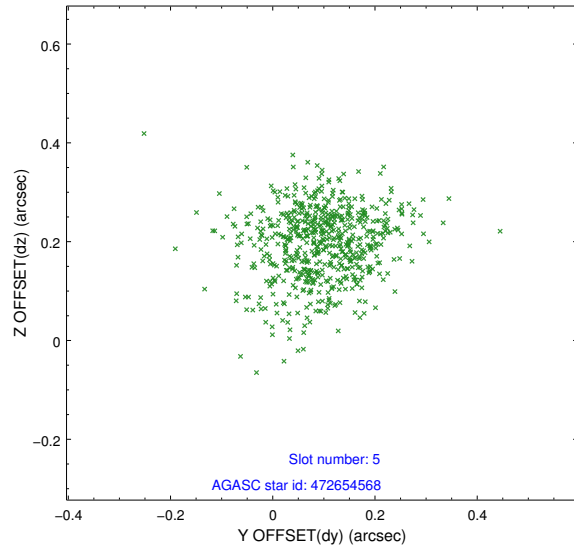
2.4.1 Slot 3



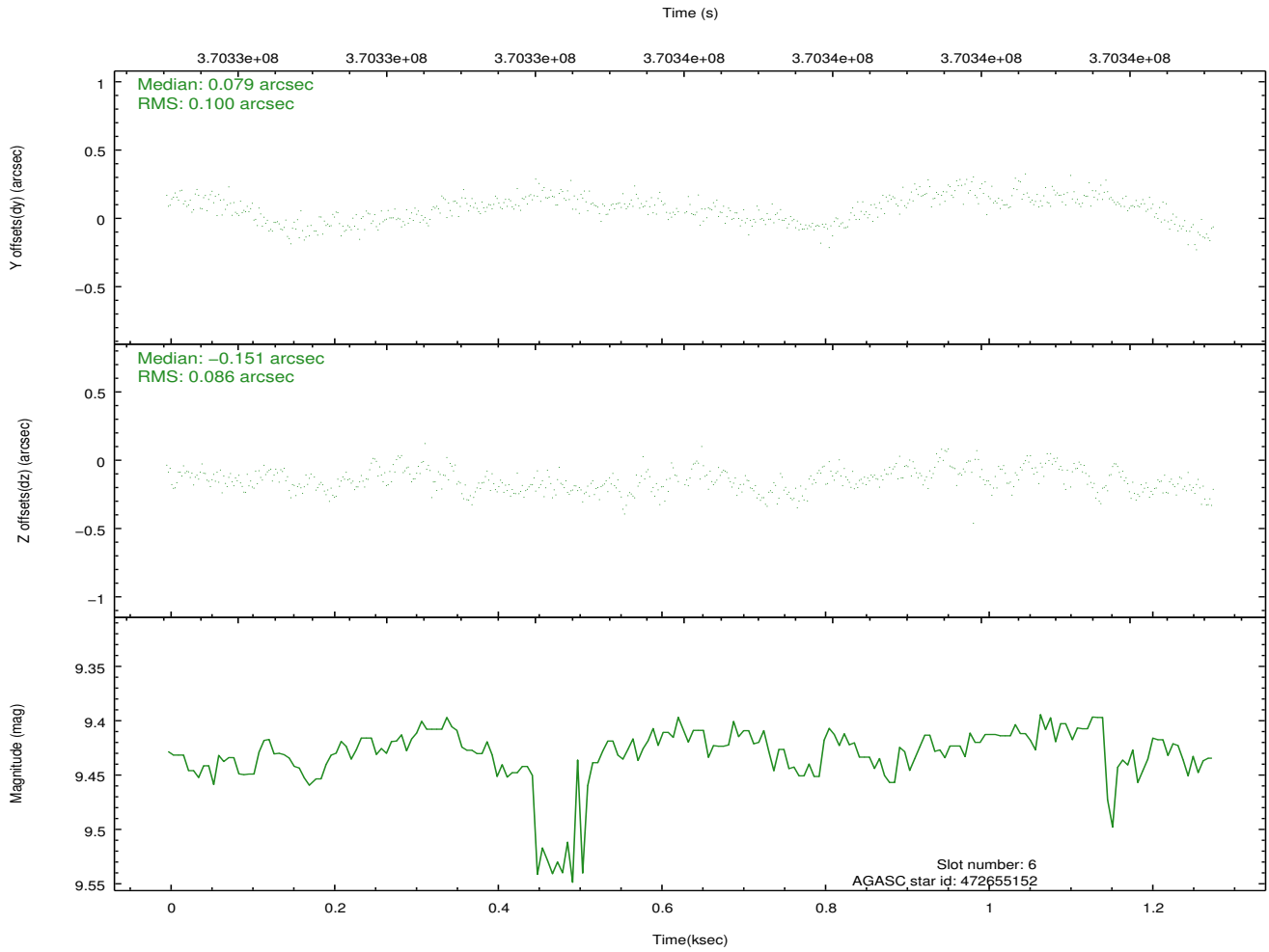
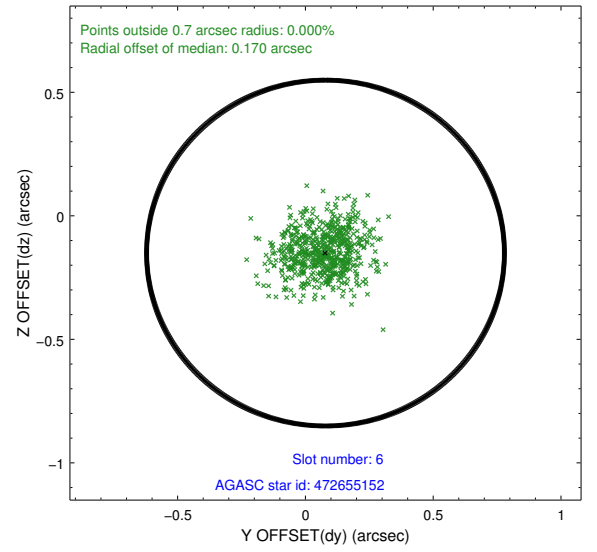
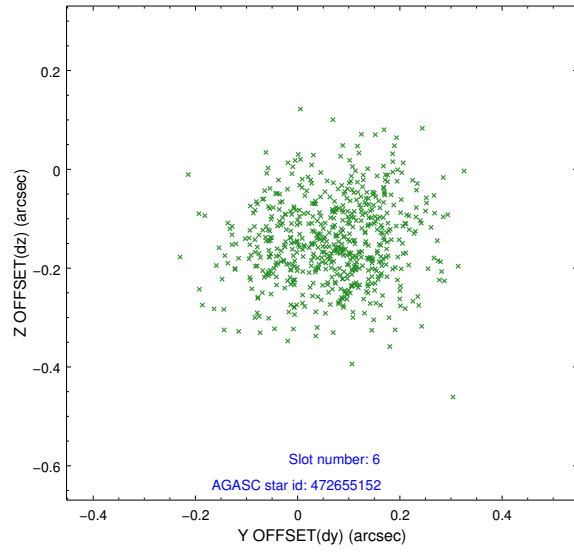
2.4.2 Slot 4



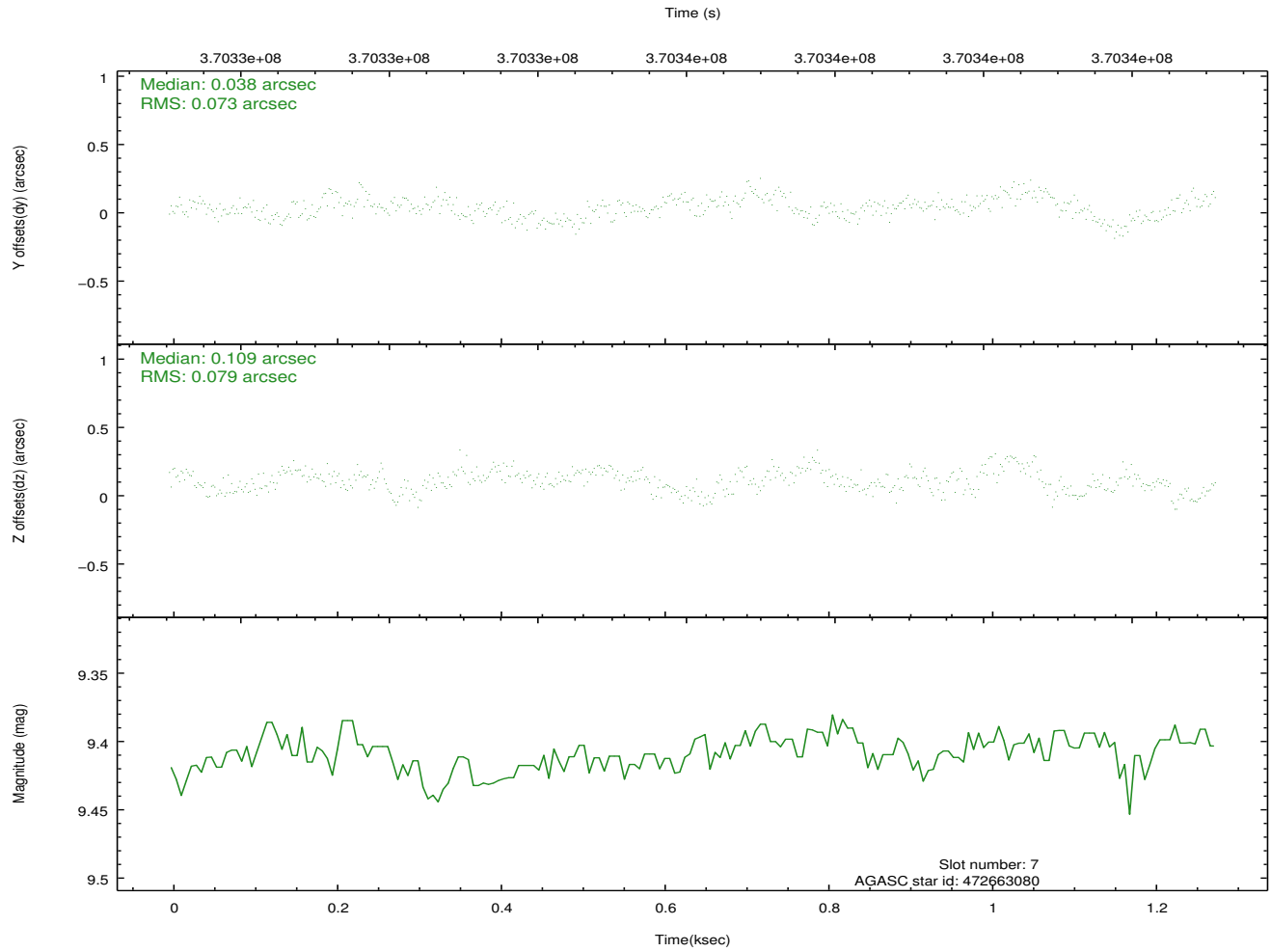
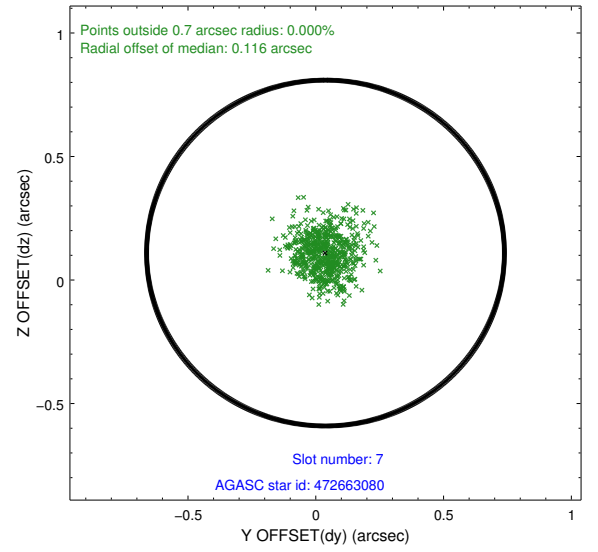
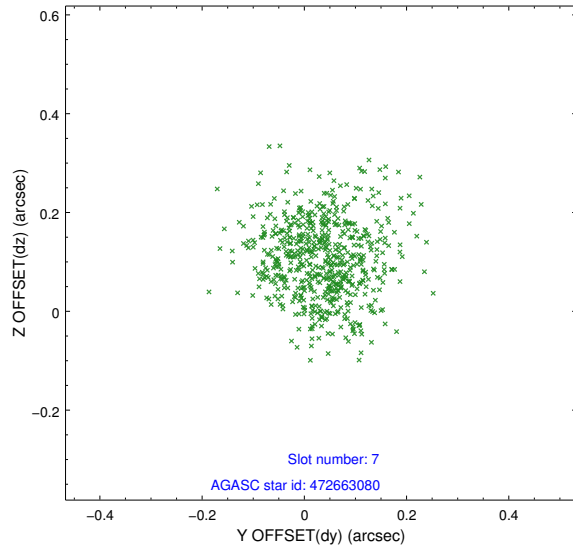
2.4.3 Slot 5



2.4.4 Slot 6

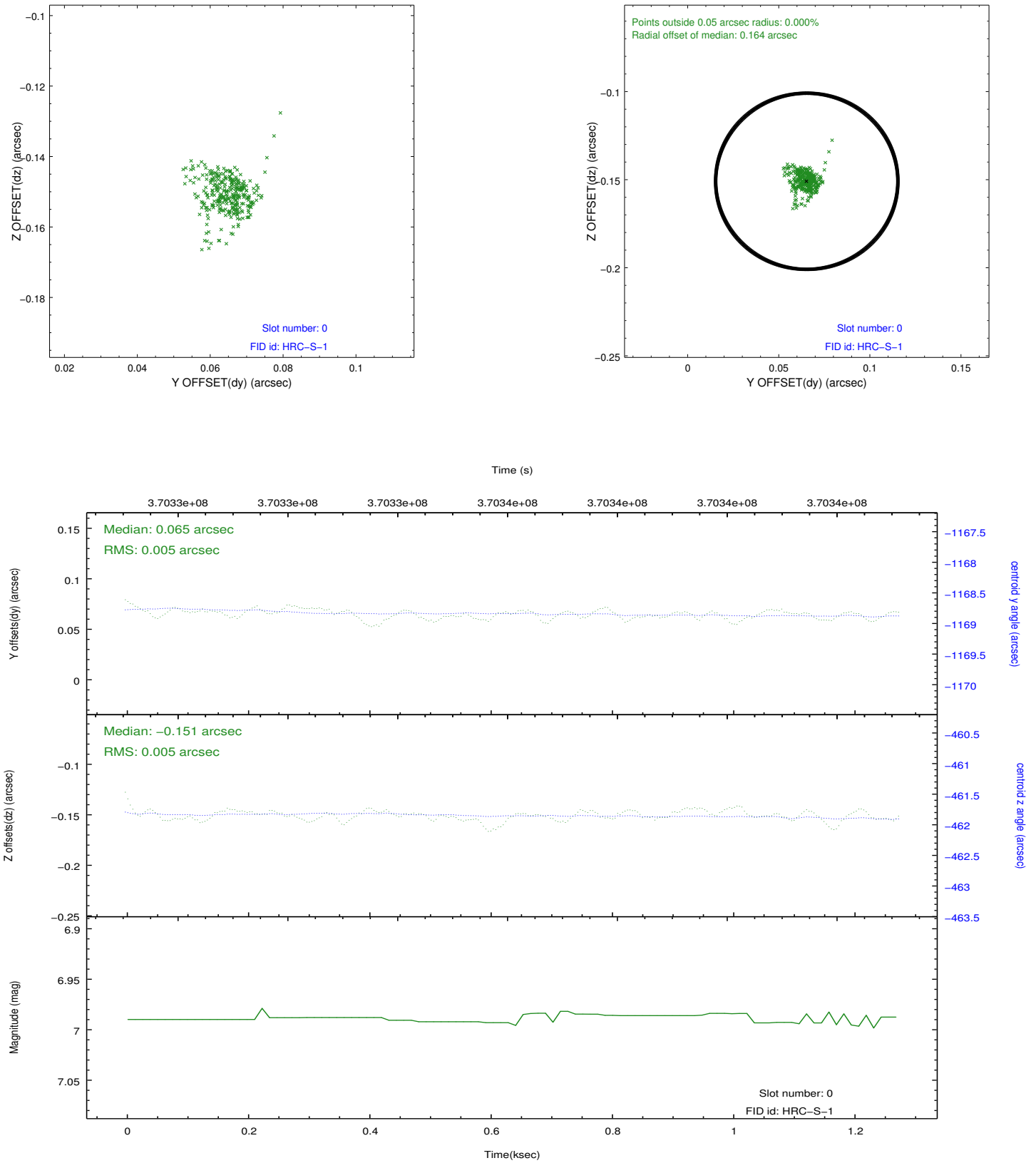


2.4.5 Slot 7

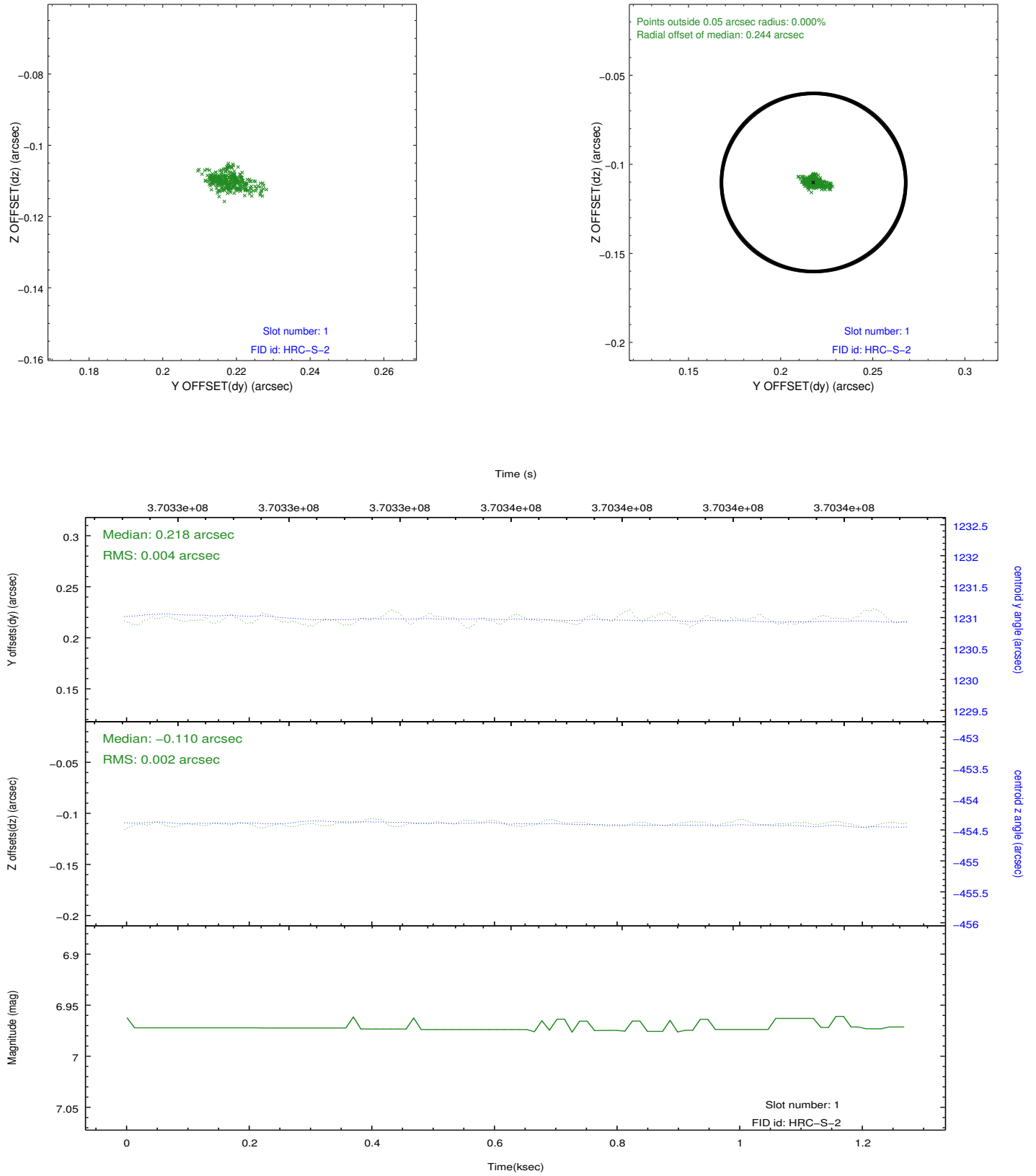


2.5 FID Slots

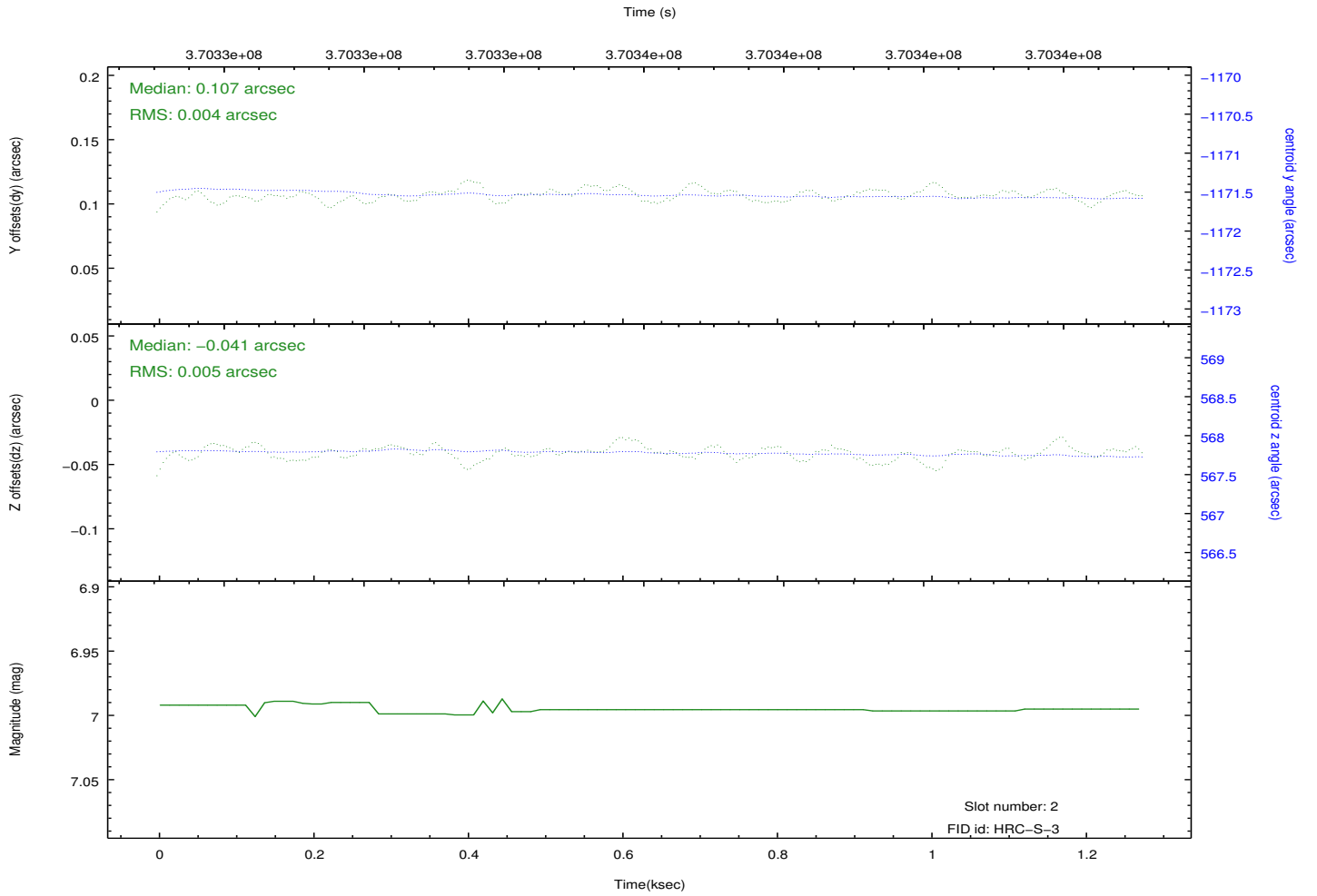
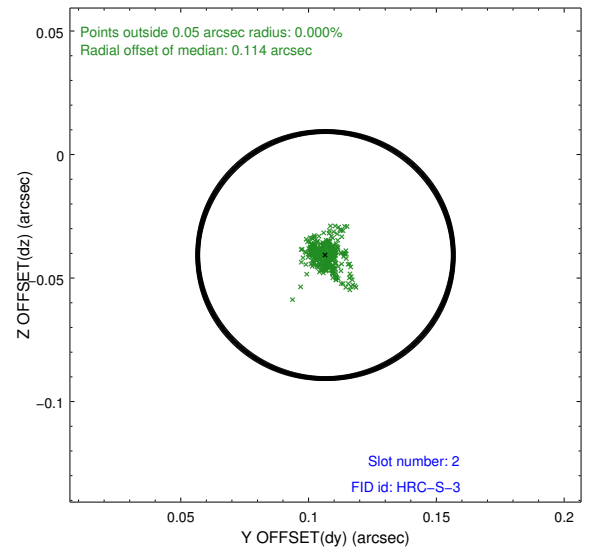
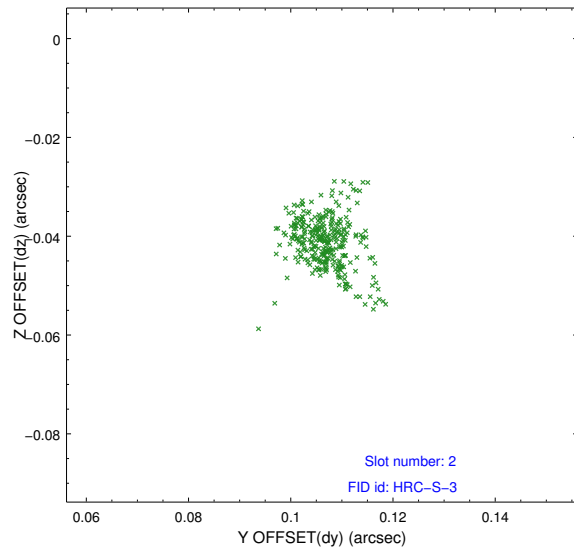
2.5.1 Slot 0



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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.2781750640869

A.2 Comments