

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9658 - L2 Version 3
Chandra X-Ray Center

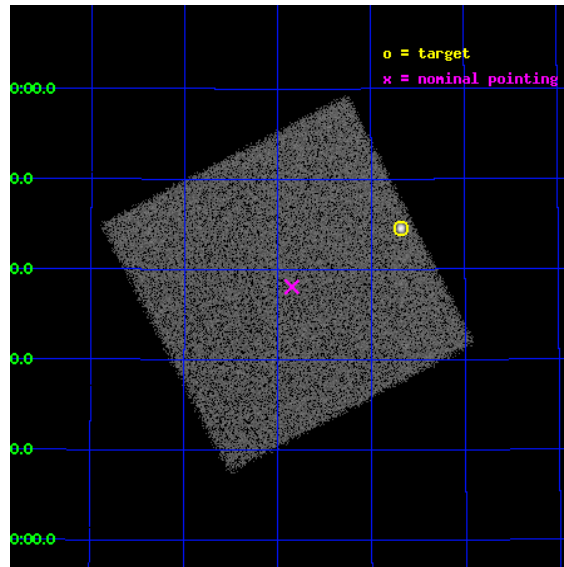
L2 Processing Date : Aug 12 2012

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1 Front

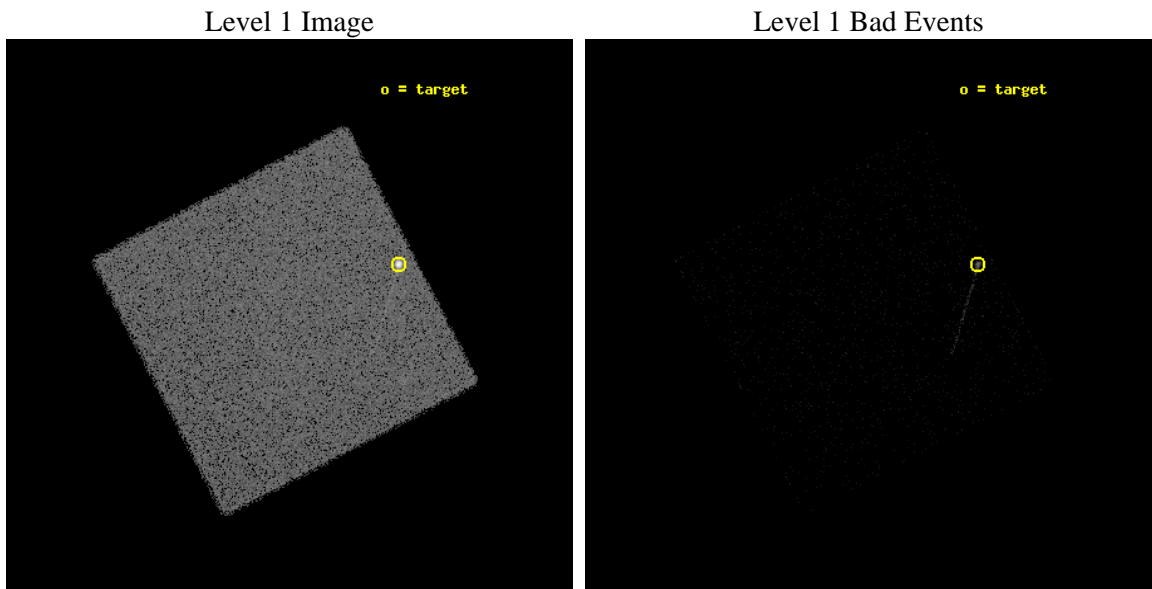
seq_num	290781	Sequence number
obs_id	9658	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.46236322847	Nominal RA [deg]
dec_nom	45.634561410156	Nominal Dec [deg]
roll_nom	197.52144448738	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1370.6813173294	[s]
livetime	1355.8485643836	Ontime multiplied by DTCOR
l2events	91683	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	1180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1370.6813173294	[s]
caldsver	4.5.1.1	 	l1events	163300	Number of level 1 events
date	2012-08-12T19:48:13	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

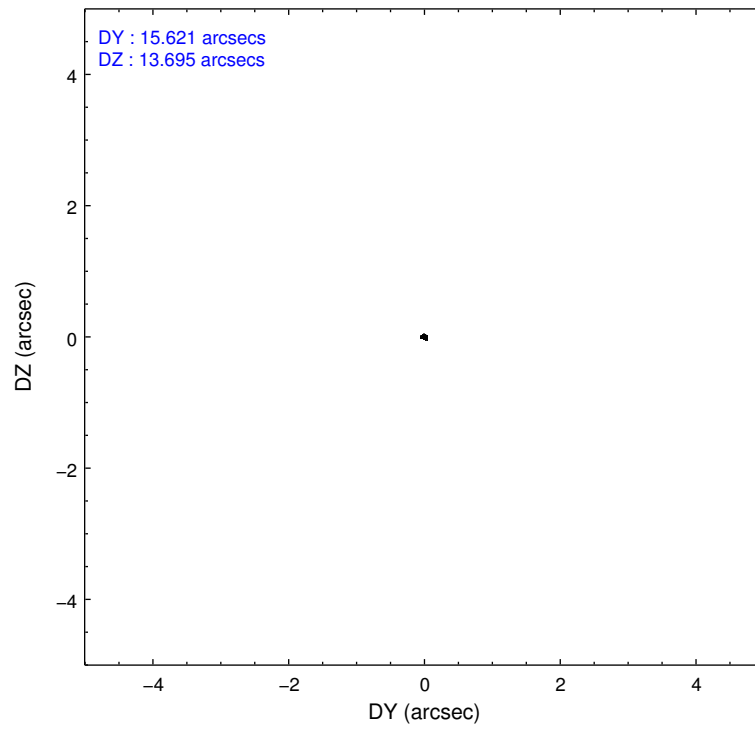
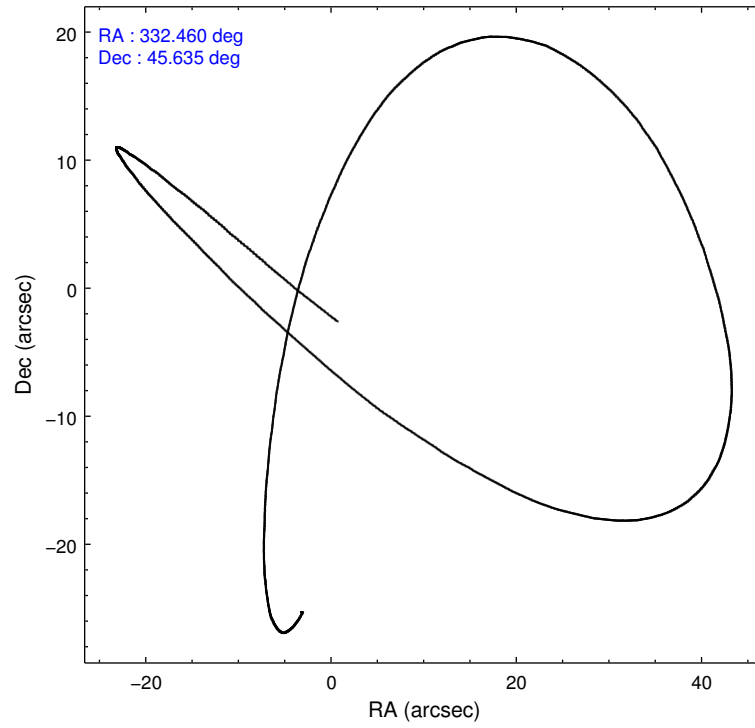
	segment 0
level 1 events	163300
rejected events	30933
rejected %	18%

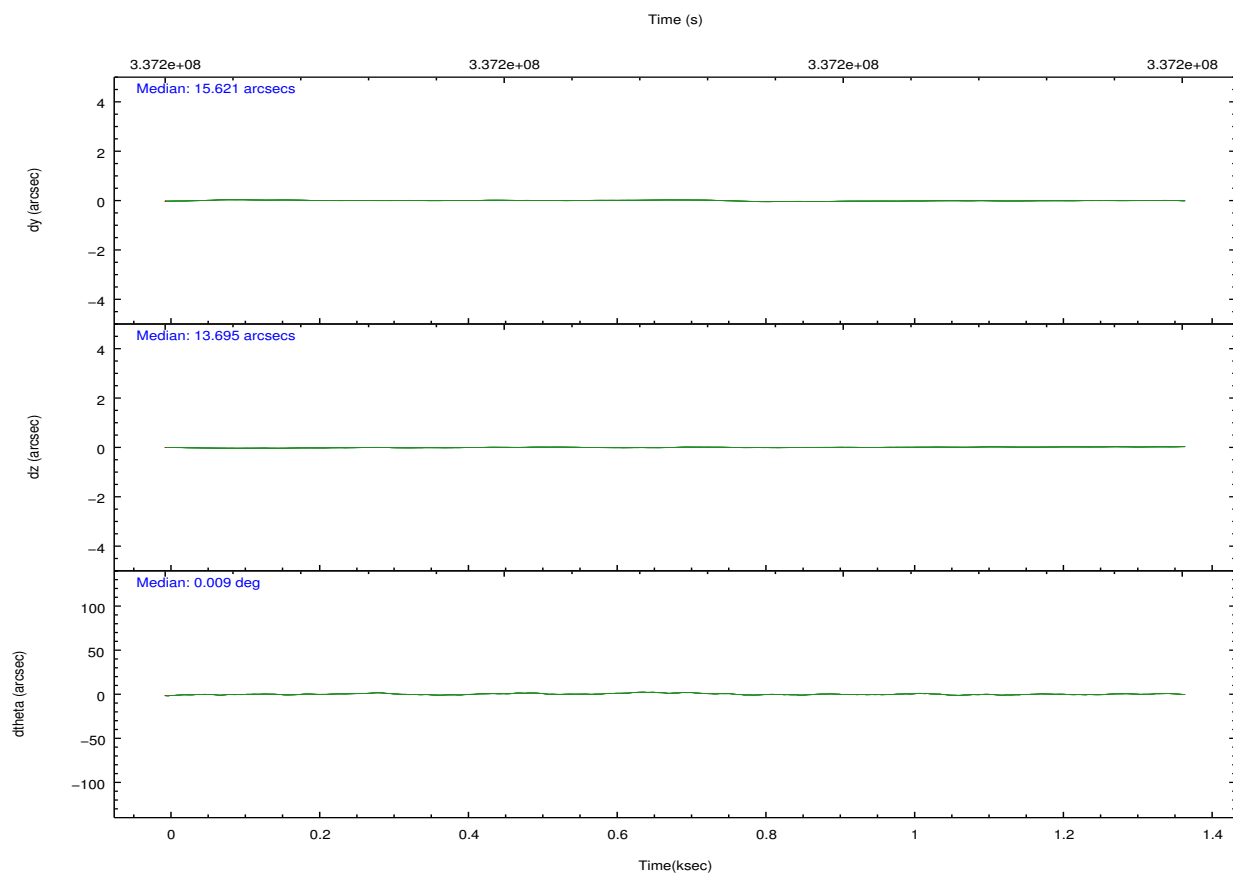
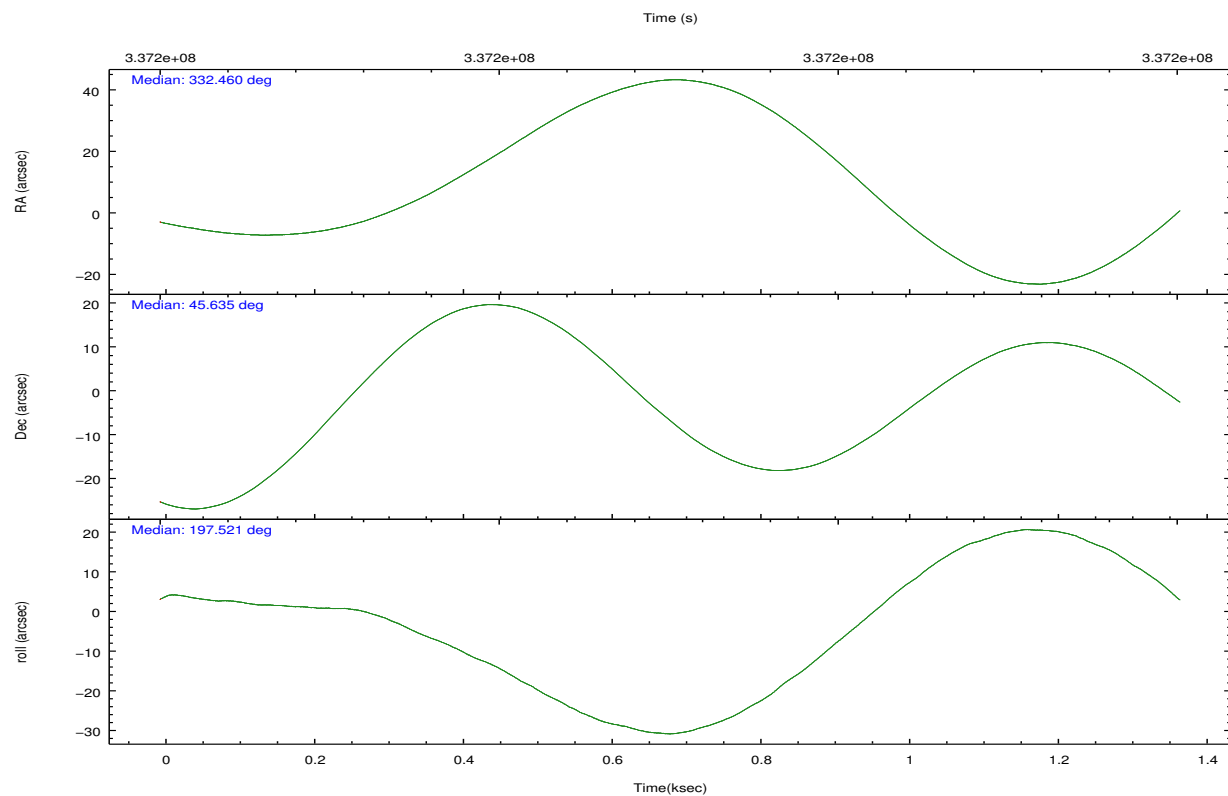
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.489464	332.4623632284656
[deg] Pointing Dec	45.655049	45.63456141015586
[deg] Pointing Roll	197.597517	197.5214444873751
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	337200247.184000	337199871.06918
Observation start date	2008-09-07T18:43:02	2008-09-07T18:37:51
[s] Observation end time (MET)	337201427.184000	337201561.29426
Observation end date	2008-09-07T19:02:42	2008-09-07T19:06:01

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

2.3 Aspect



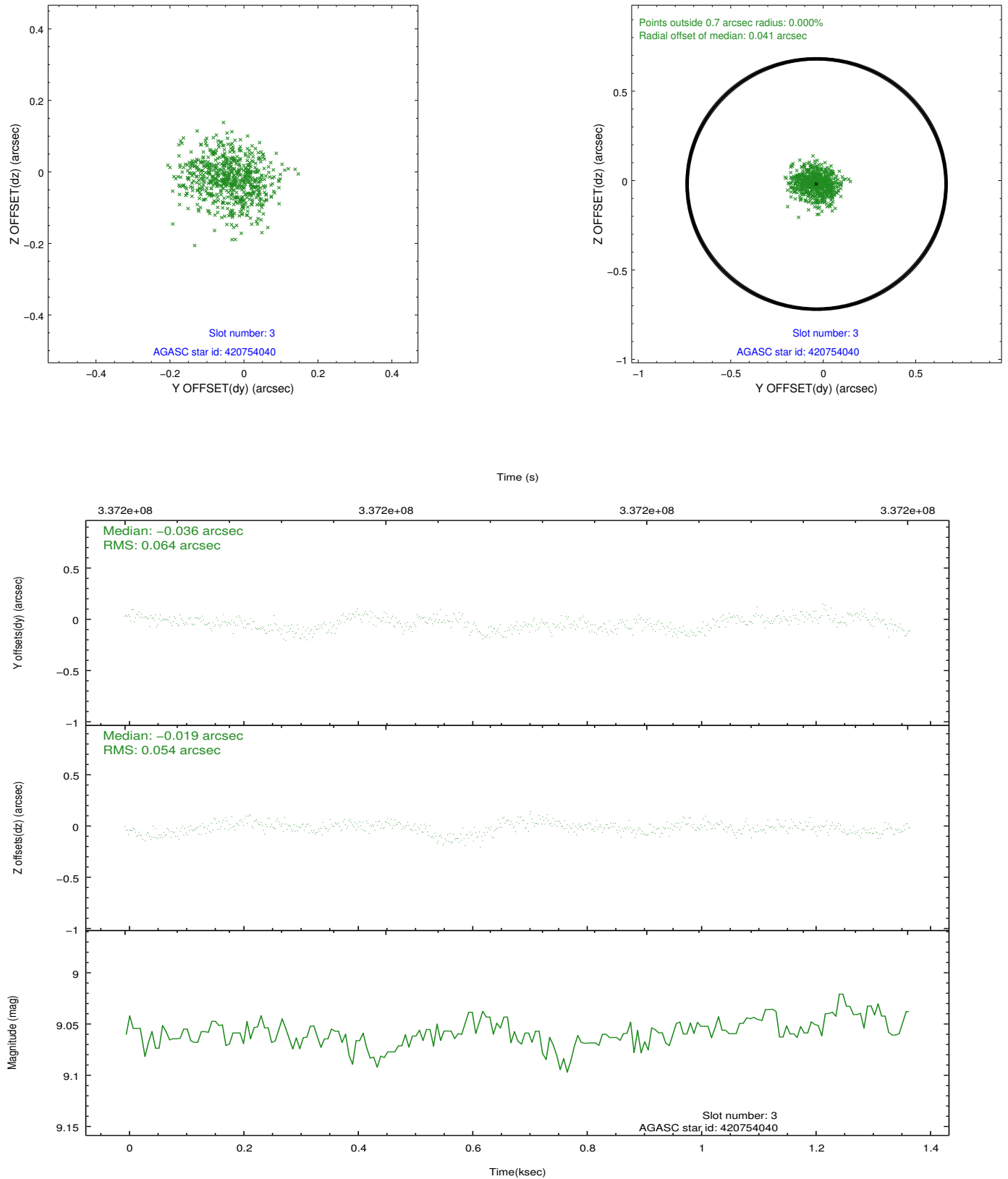


Slot Statistics

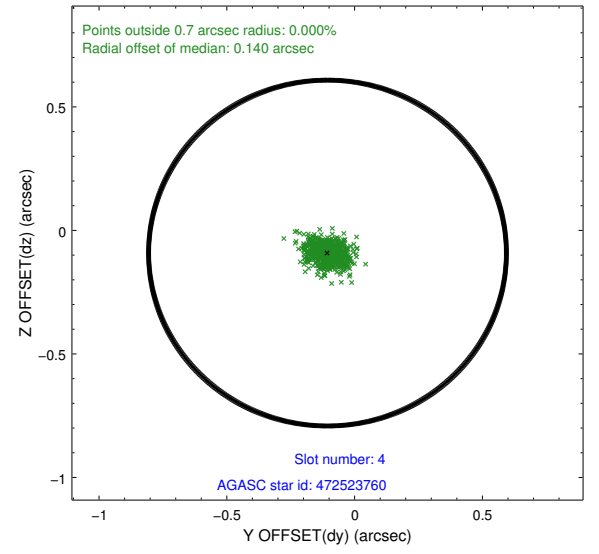
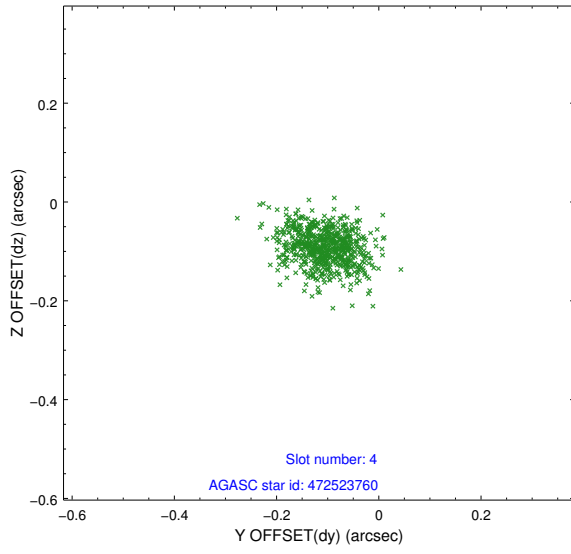
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	335	-0.069	0.014	0.009	0.032	0.000000	0.000000	-771.53	-1301.71
1	FID	HRC-I-2	7.02	335	0.228	-0.130	0.007	0.020	0.000000	0.000000	839.10	-1307.33
2	FID	HRC-I-3	7.08	335	-0.039	0.027	0.007	0.022	0.000000	0.000000	-1197.45	998.96
3	GUIDE	420754040	9.06	668	-0.036	-0.019	0.092	0.141	331.917939	44.882543	2224.65	2206.62
4	GUIDE	472523760	8.25	670	-0.106	-0.092	0.062	0.101	331.645363	45.403260	2304.42	212.90
5	GUIDE	472651904	6.19	670	-0.113	0.026	0.073	0.120	332.170077	45.742257	669.90	-542.25
6	GUIDE	472655152	9.45	670	0.150	0.034	0.108	0.176	332.504239	45.862991	-263.72	-701.73
7	GUIDE	472665256	9.02	669	0.115	0.057	0.094	0.145	332.808125	46.195041	-1348.62	-1614.16

2.4 Star Slots

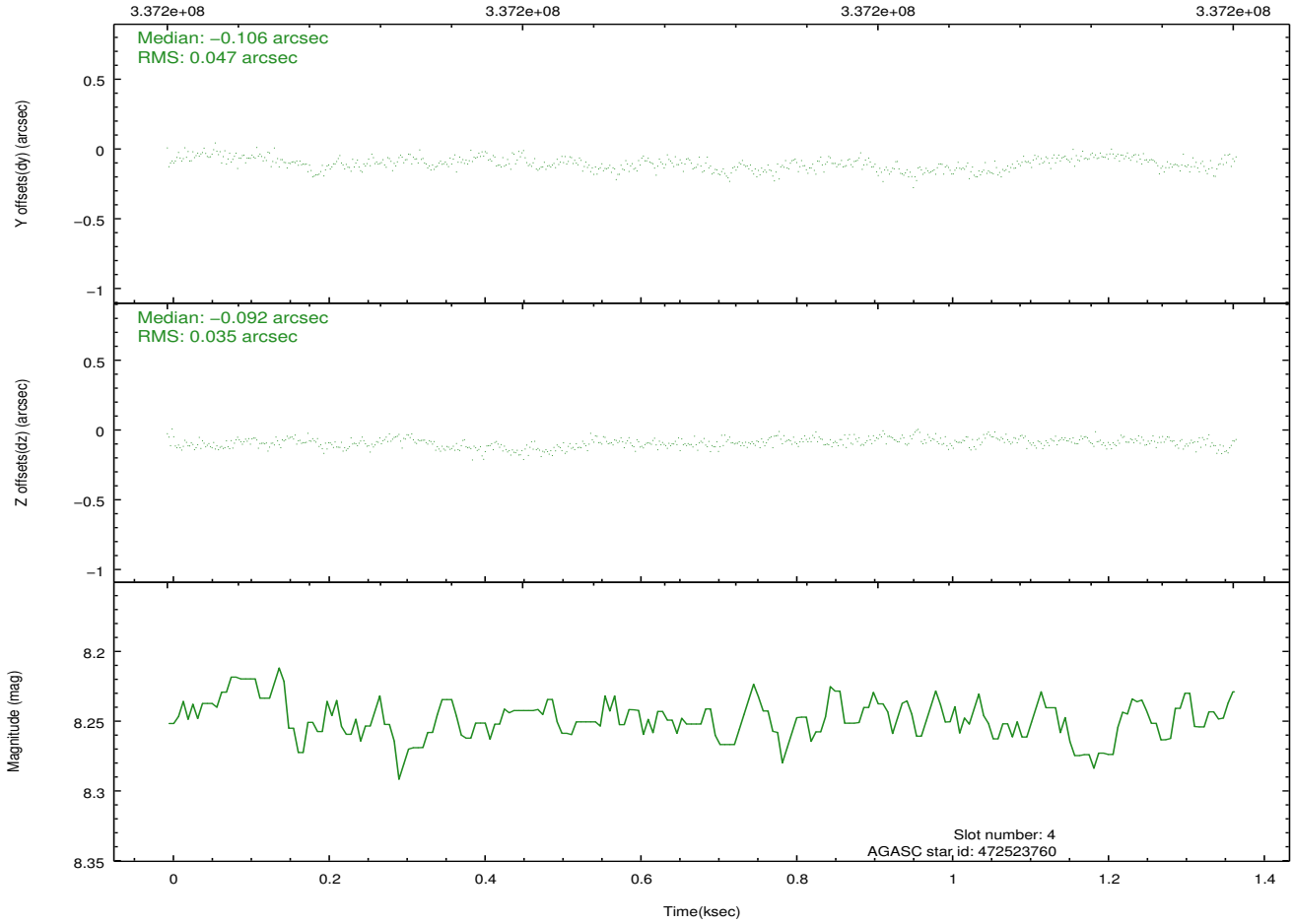
2.4.1 Slot 3



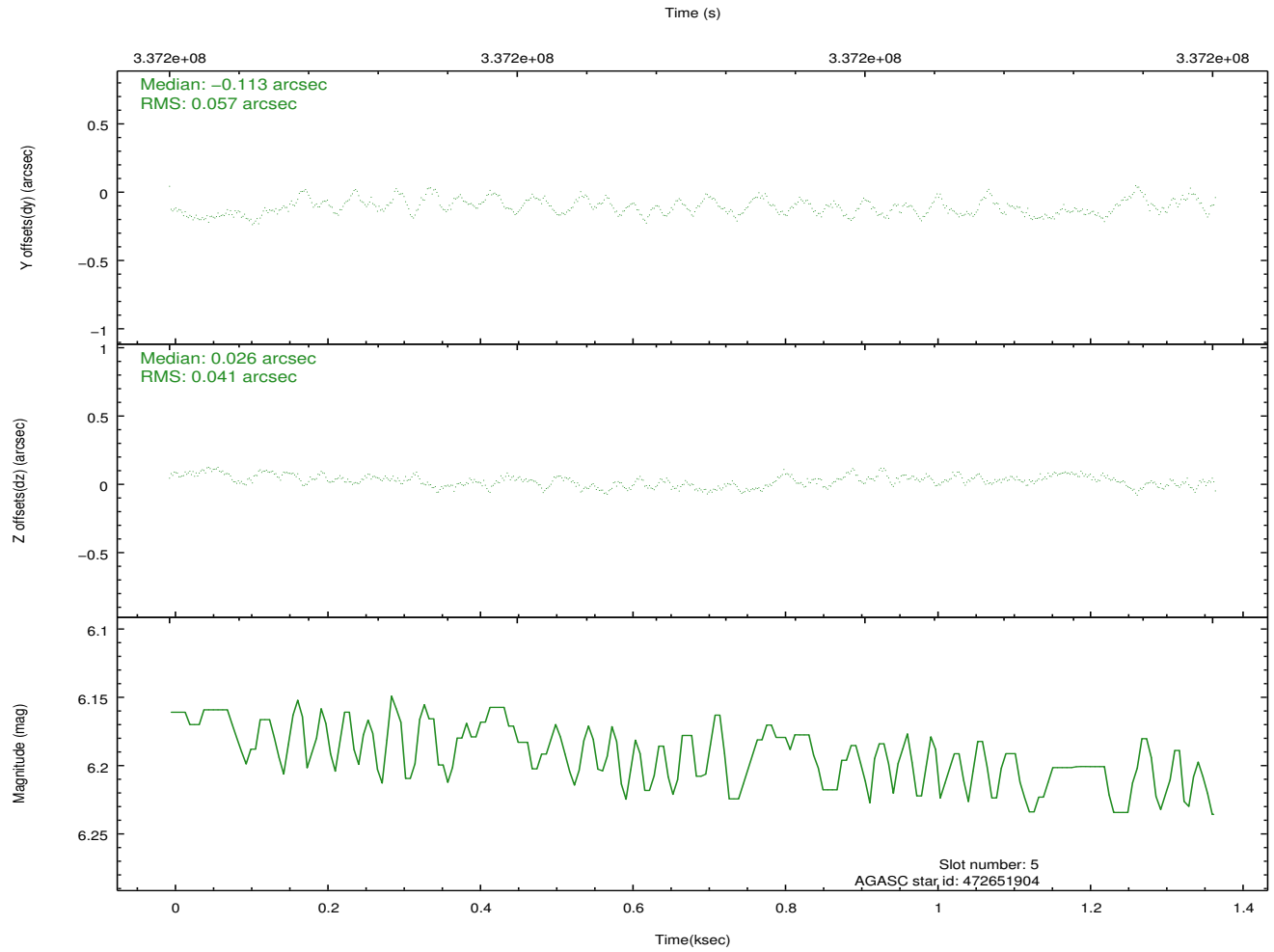
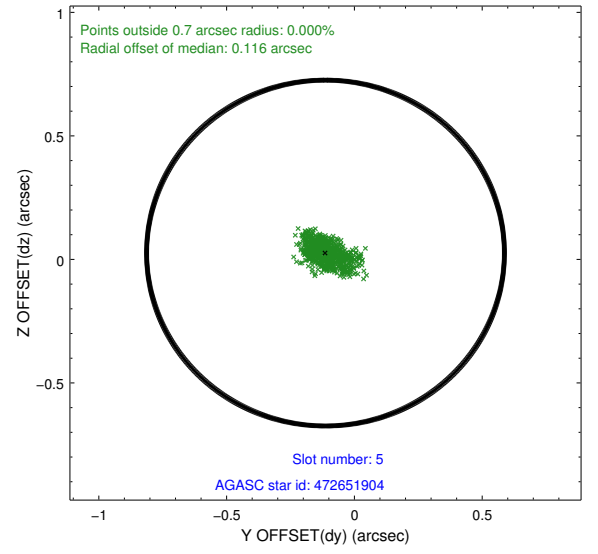
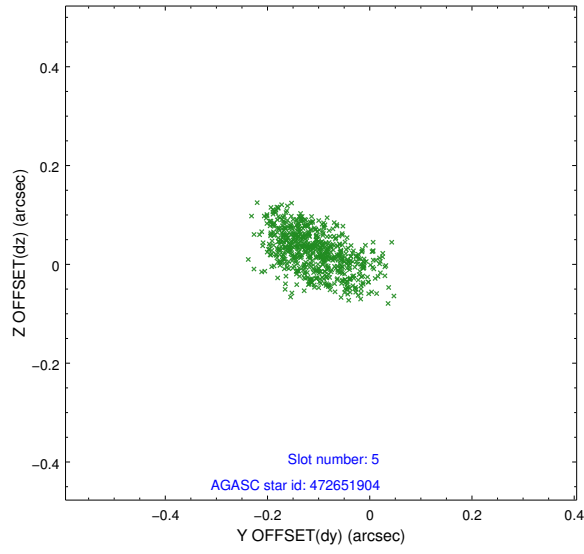
2.4.2 Slot 4



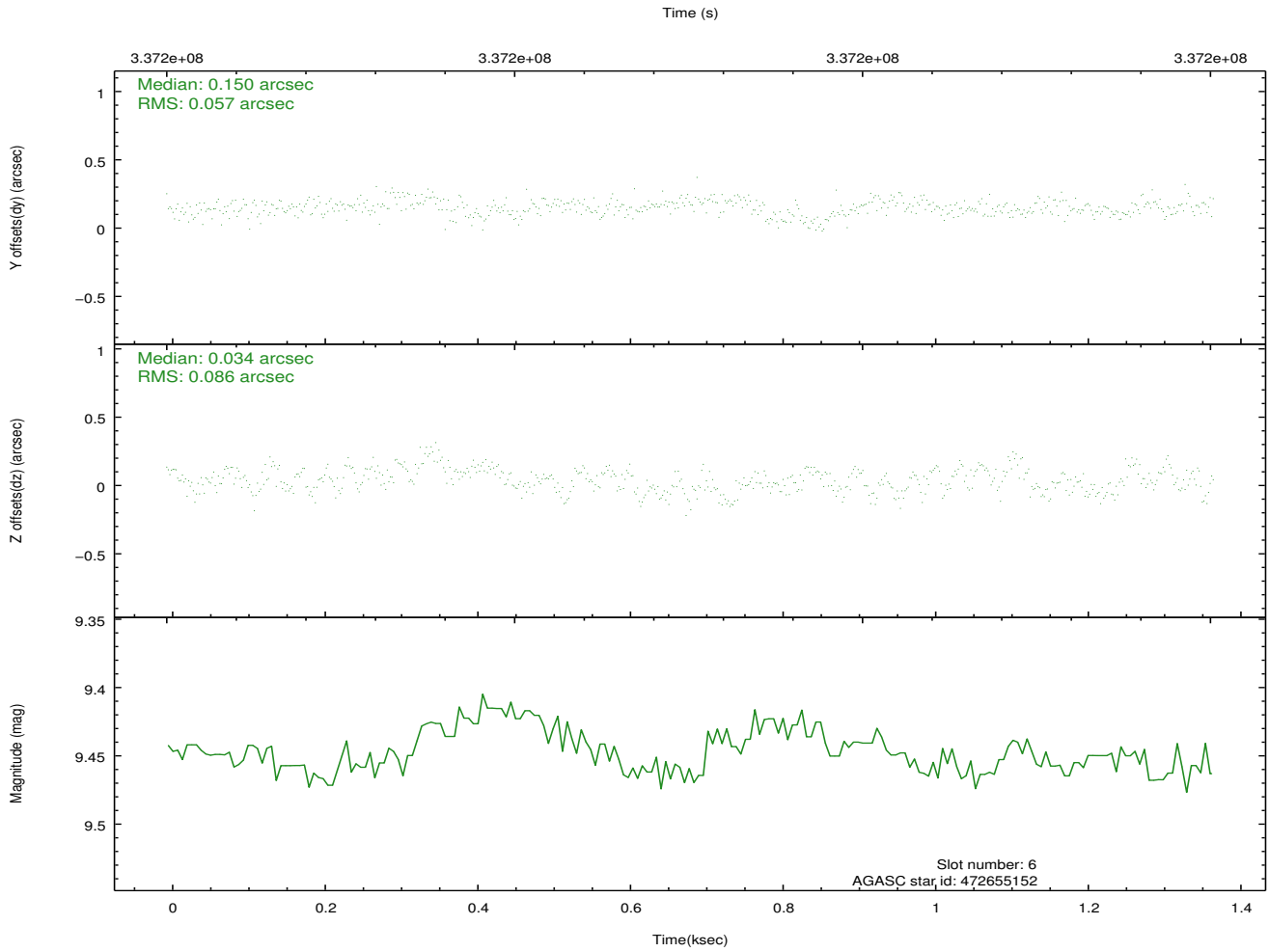
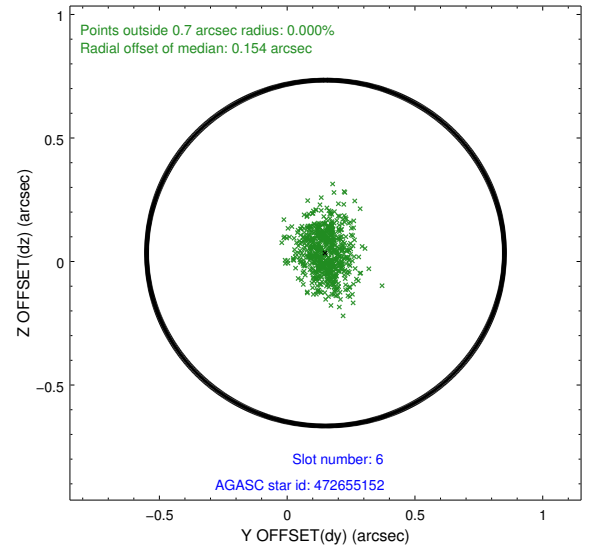
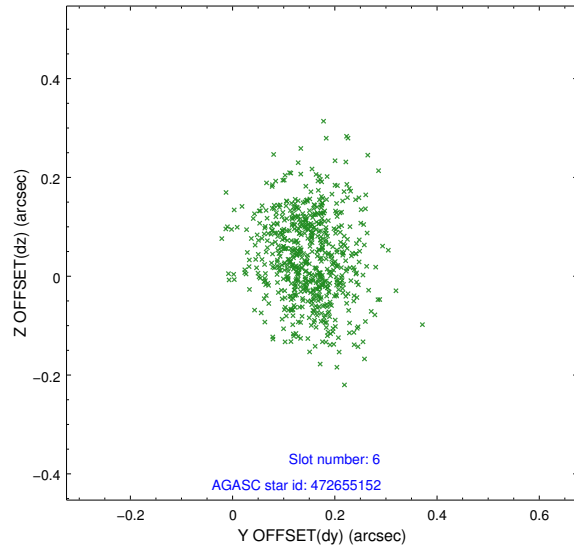
Time (s)



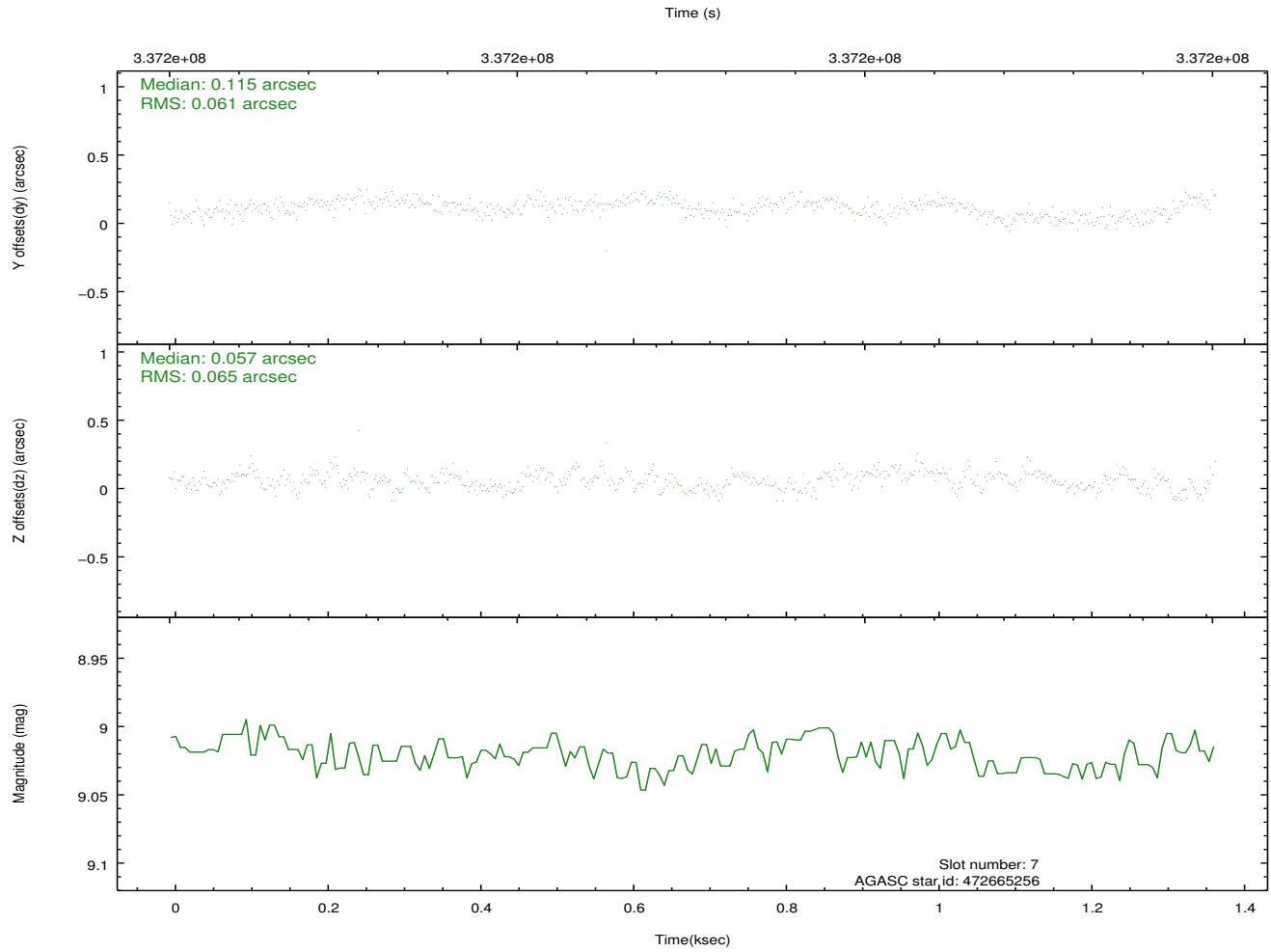
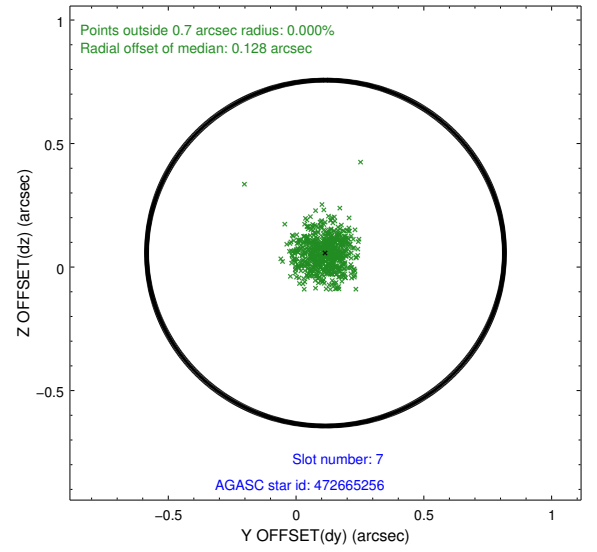
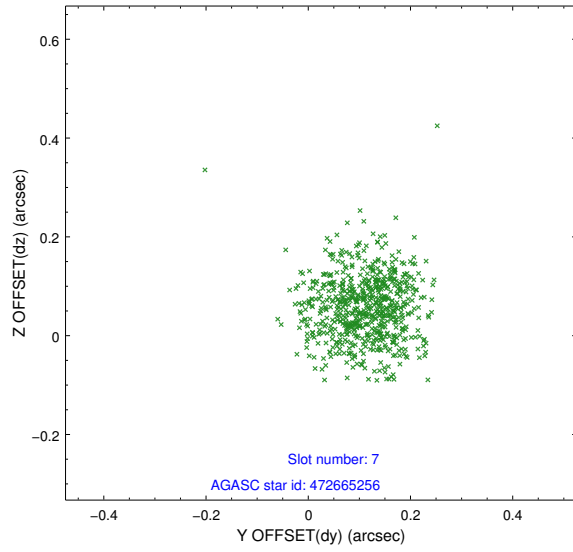
2.4.3 Slot 5



2.4.4 Slot 6

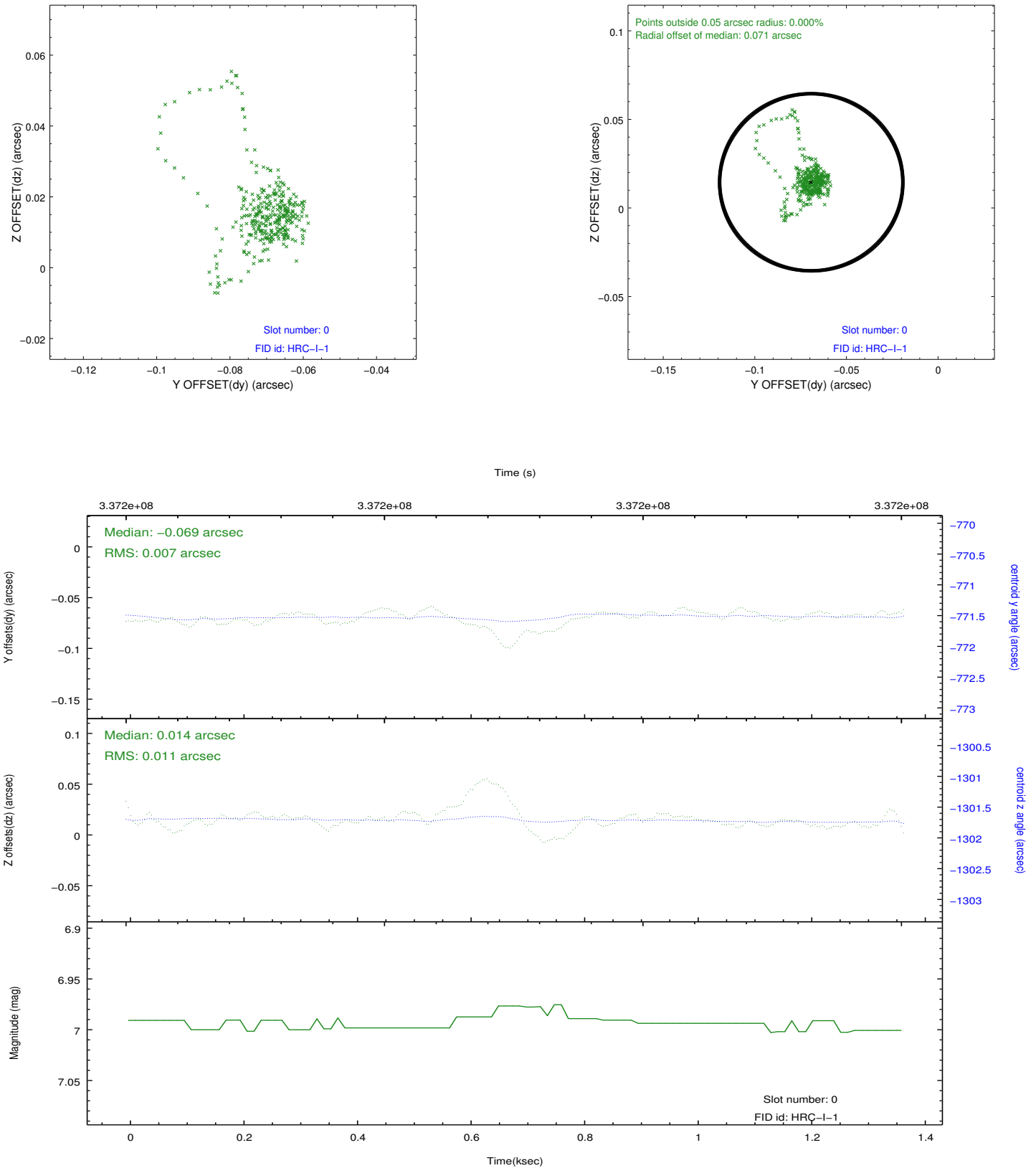


2.4.5 Slot 7

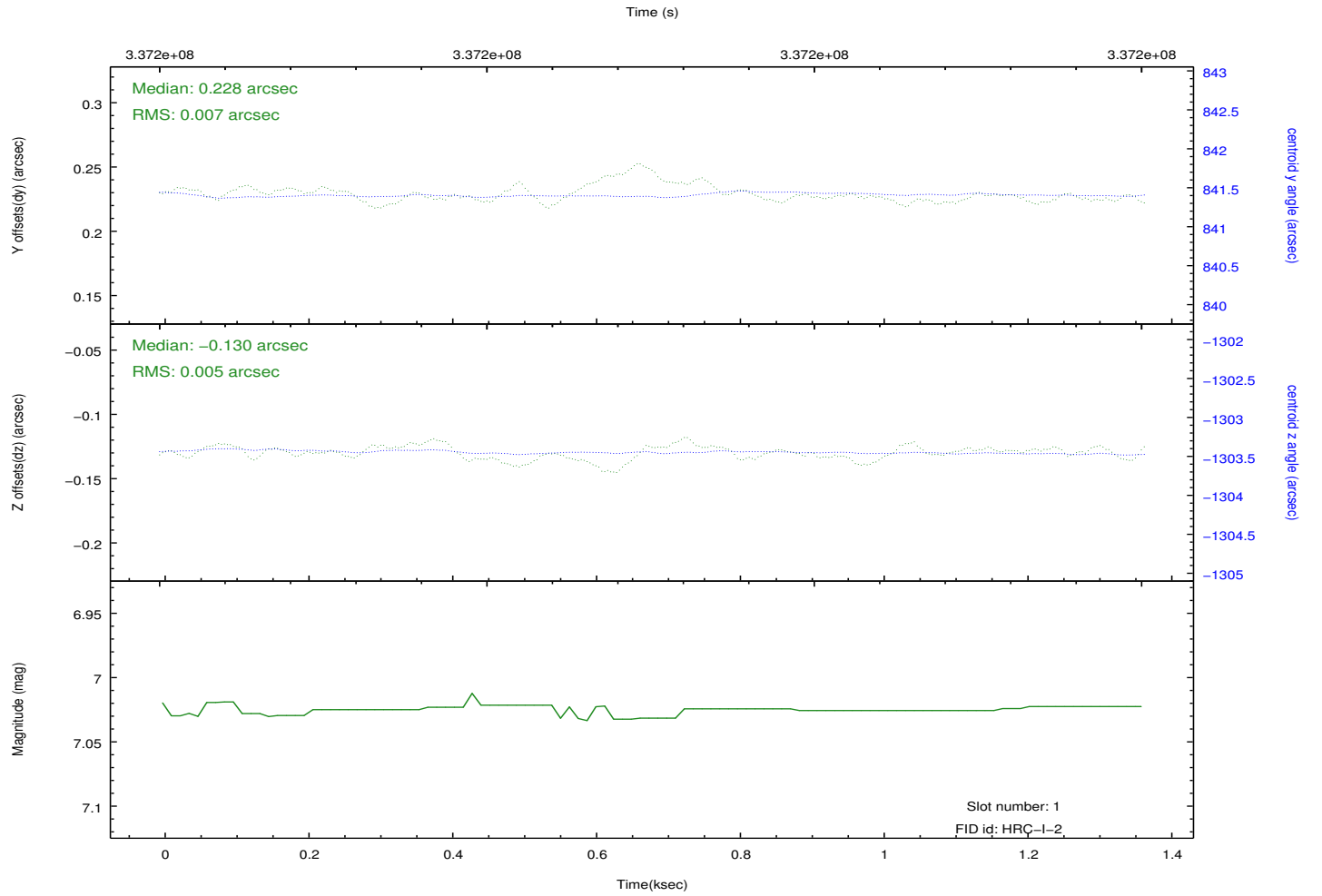
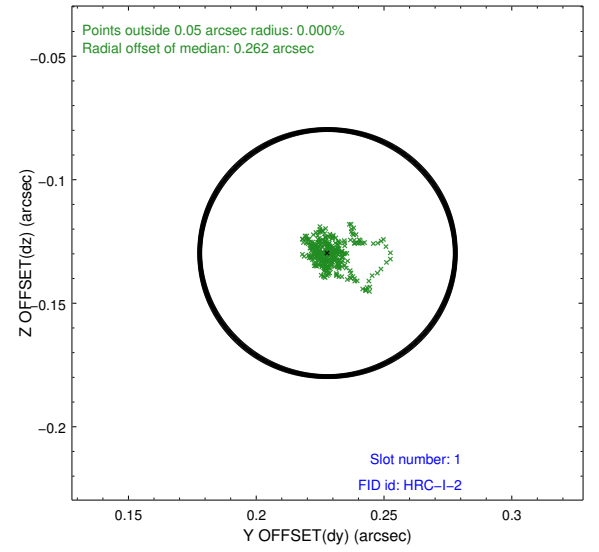
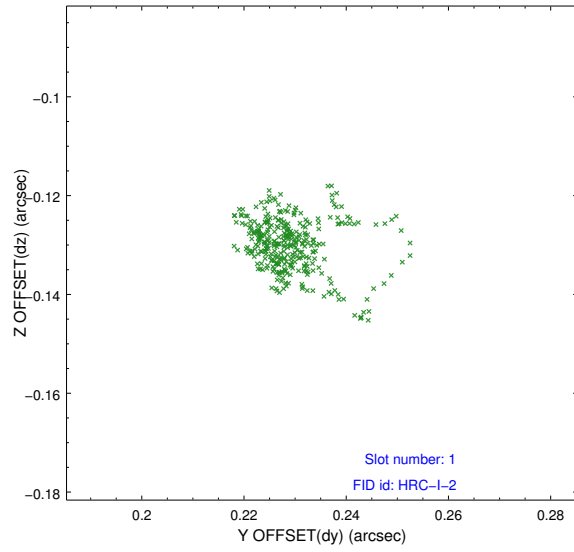


2.5 FID Slots

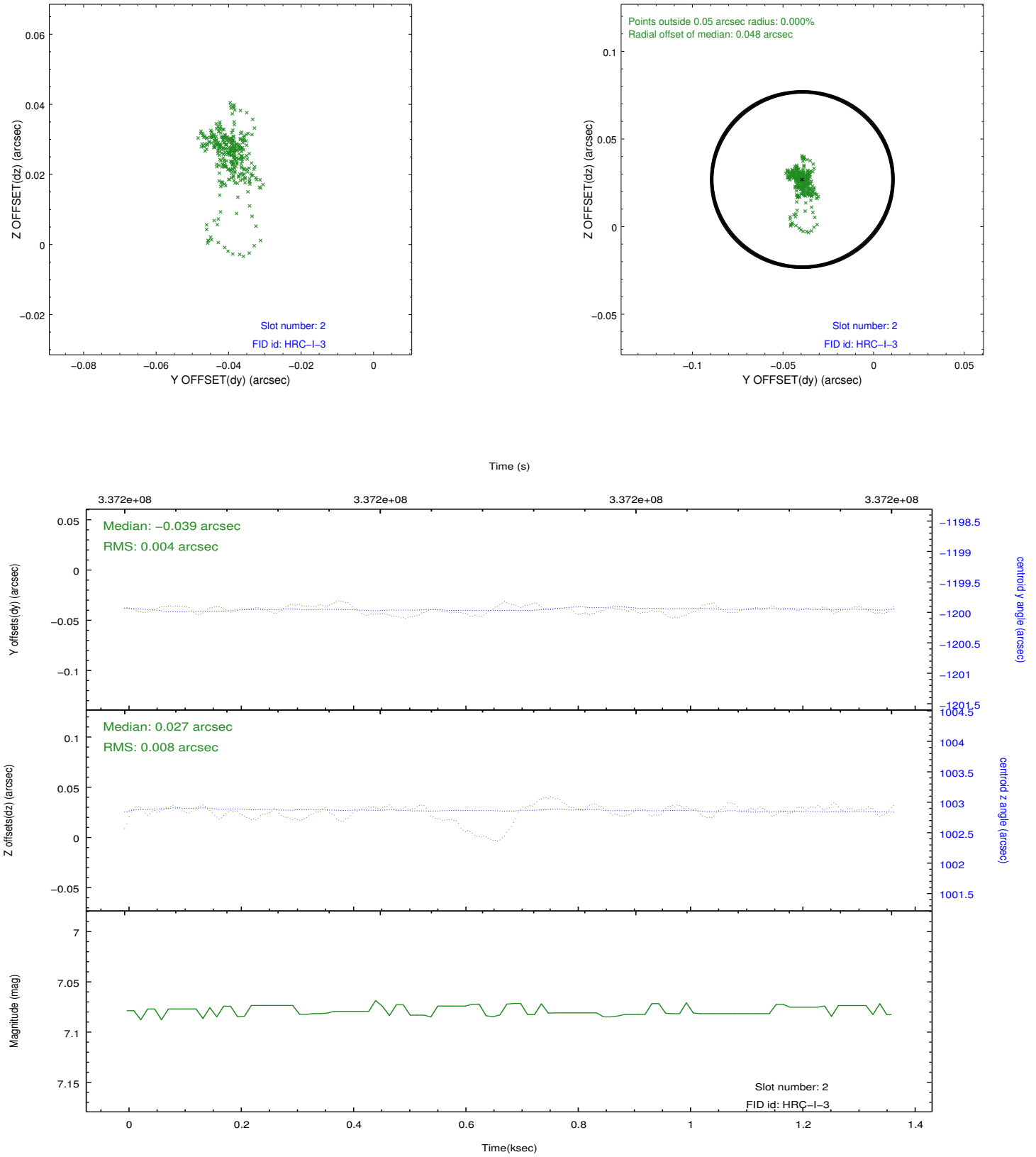
2.5.1 Slot 0



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)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.37068131

A.2 Comments