

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9656 - L2 Version 3
Chandra X-Ray Center

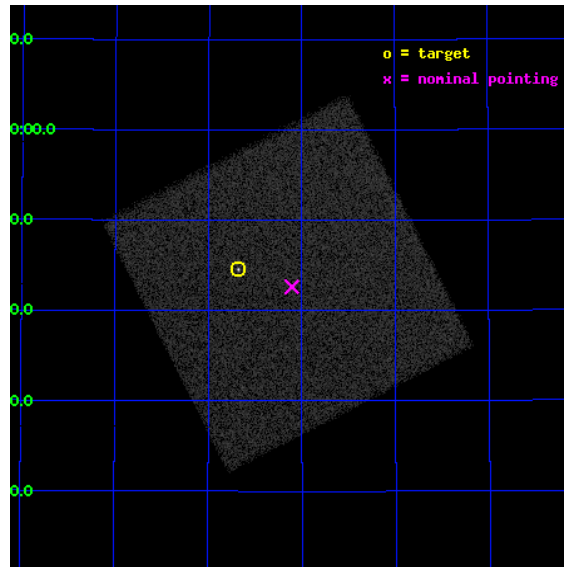
L2 Processing Date : Aug 12 2012

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1 Front

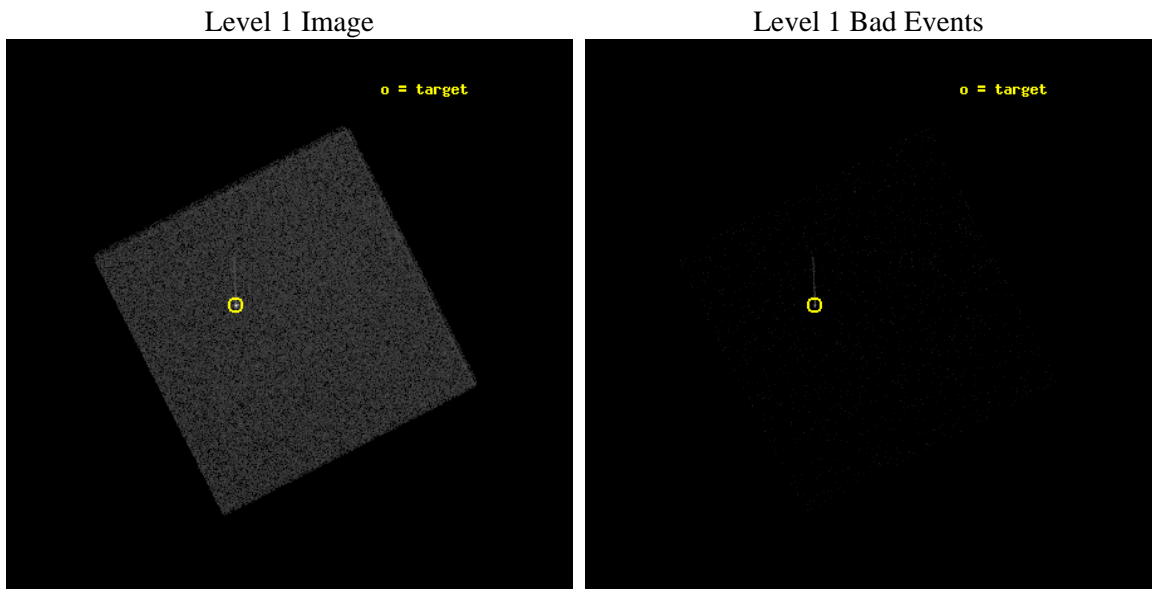
seq_num	290779	Sequence number
obs_id	9656	Observation id
title	AO9 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.02674181346	Nominal RA [deg]
dec_nom	45.710707271405	Nominal Dec [deg]
roll_nom	197.98781956101	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1364.531316936	[s]
livetime	1349.7211766199	Ontime multiplied by DTCOR
l2events	91982	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	1364.531316936	[s]
caldbver	4.5.1.1	 	l1events	164280	Number of level 1 events
date	2012-08-12T19:39:27	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

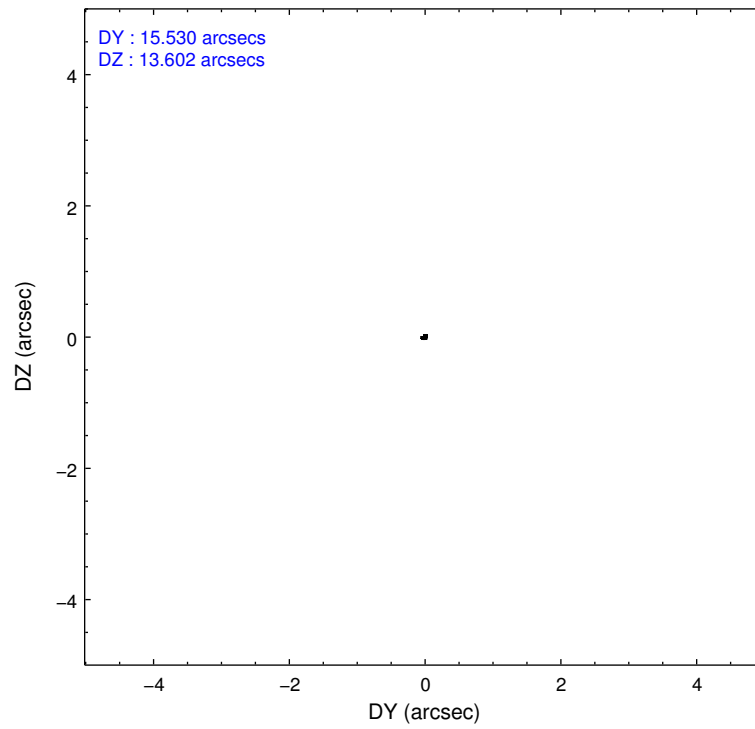
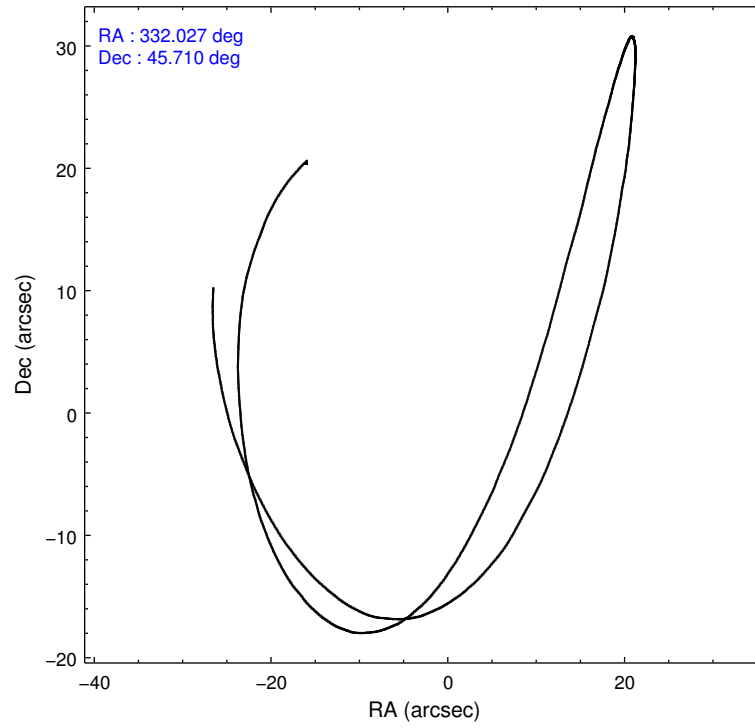
	segment 0
level 1 events	164280
rejected events	31583
rejected %	19%

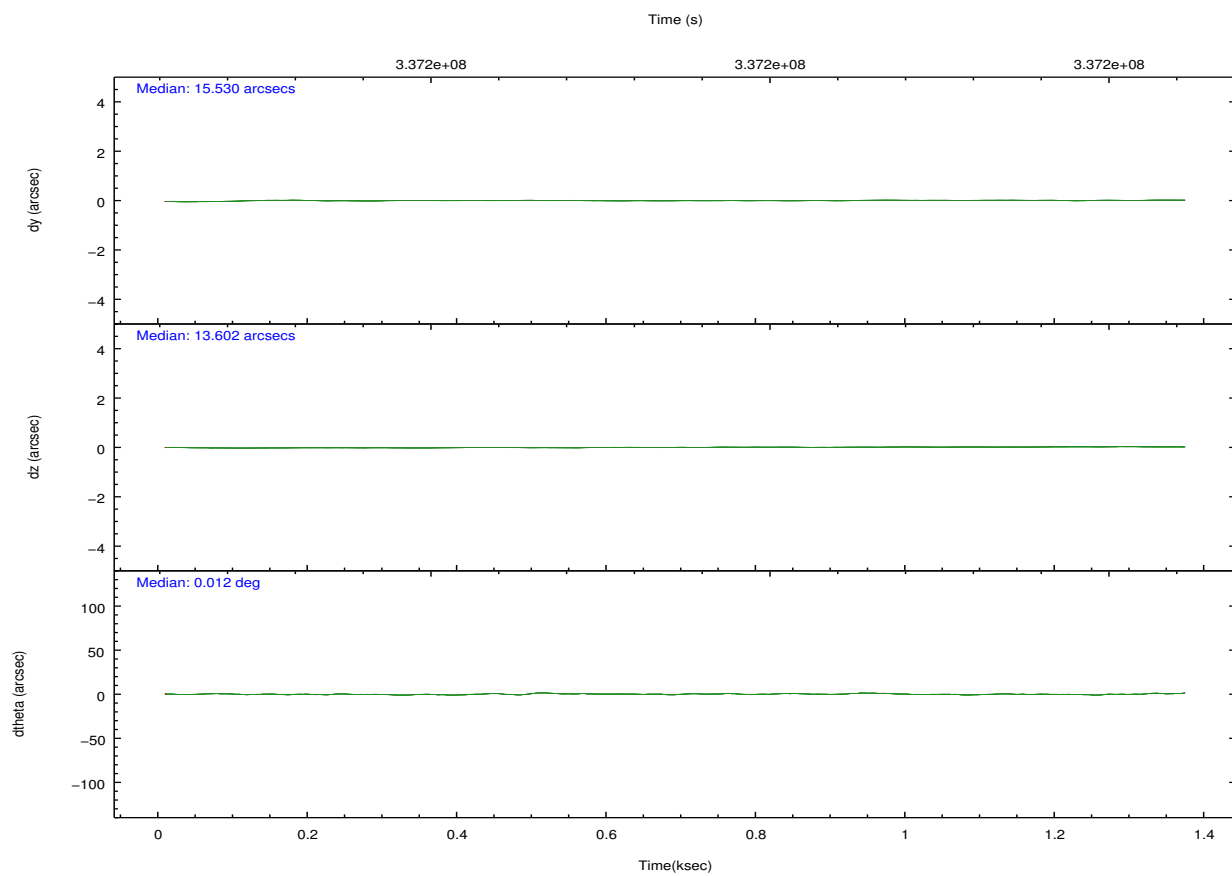
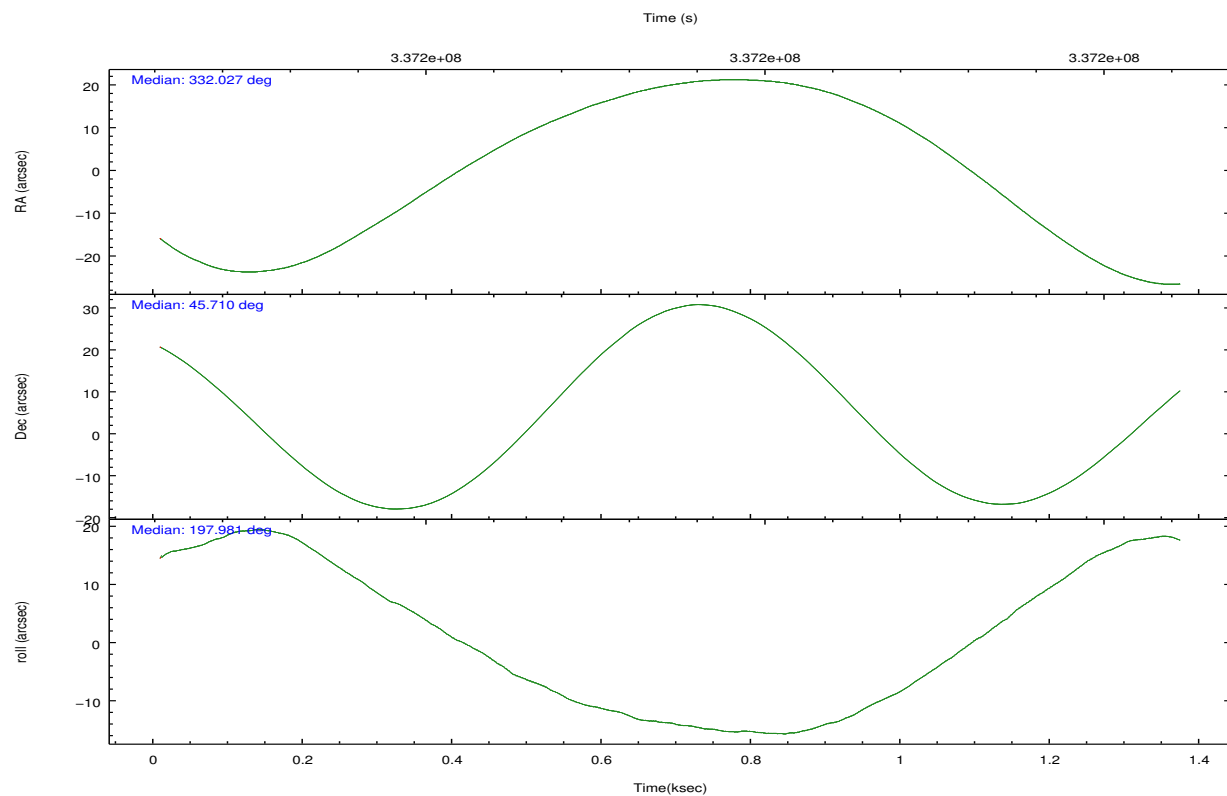
2.2 Compared Parameters

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	332.053147	332.0267418134625
[deg] Pointing Dec	45.732245	45.71070727140482
[deg] Pointing Roll	198.064375	197.9878195610127
[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)	337196867.184000	337196490.61901
Observation start date	2008-09-07T17:46:42	2008-09-07T17:41:30
[s] Observation end time (MET)	337198047.184000	337198180.8441
Observation end date	2008-09-07T18:06:22	2008-09-07T18:09:40

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

2.3 Aspect



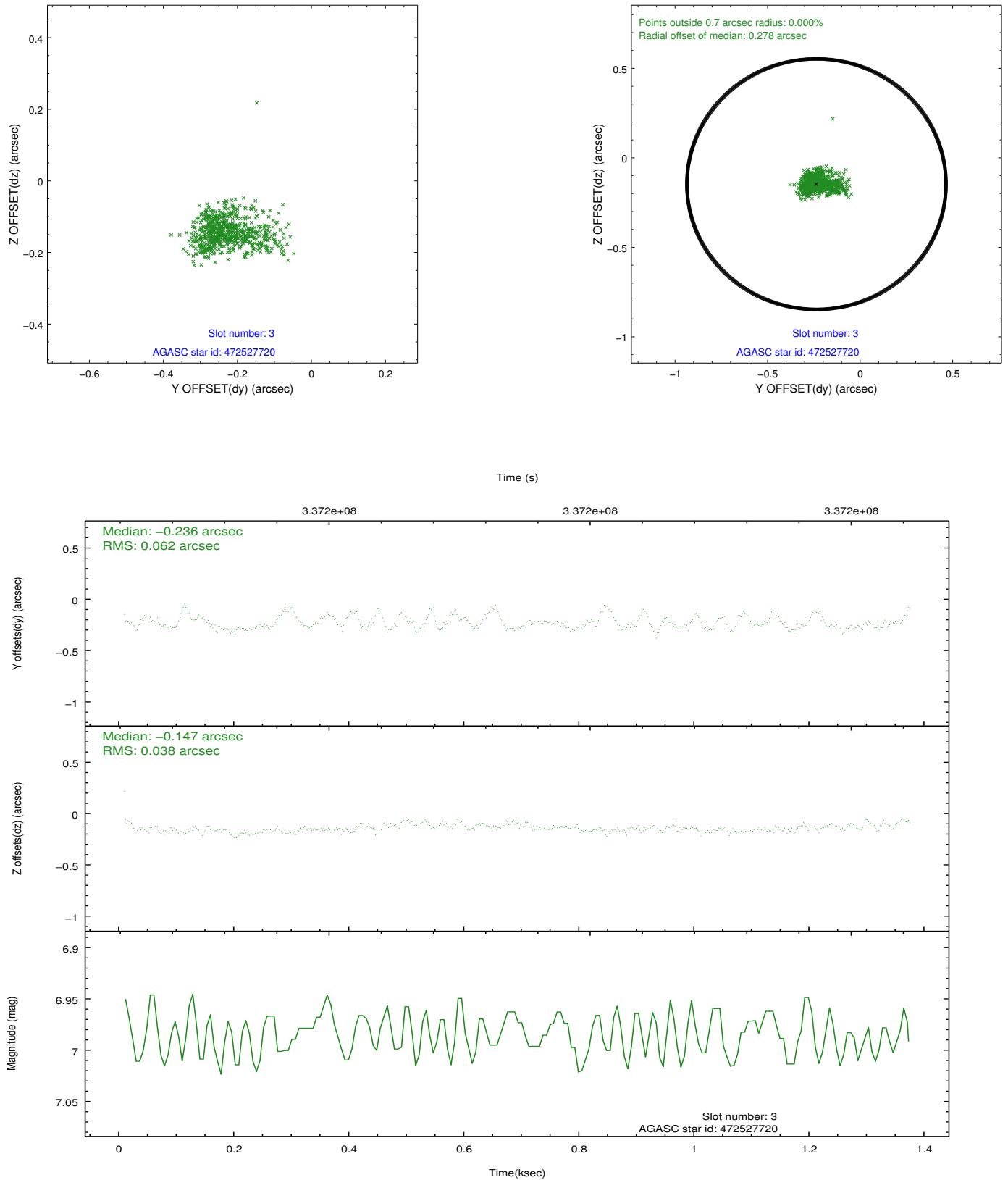


Slot Statistics

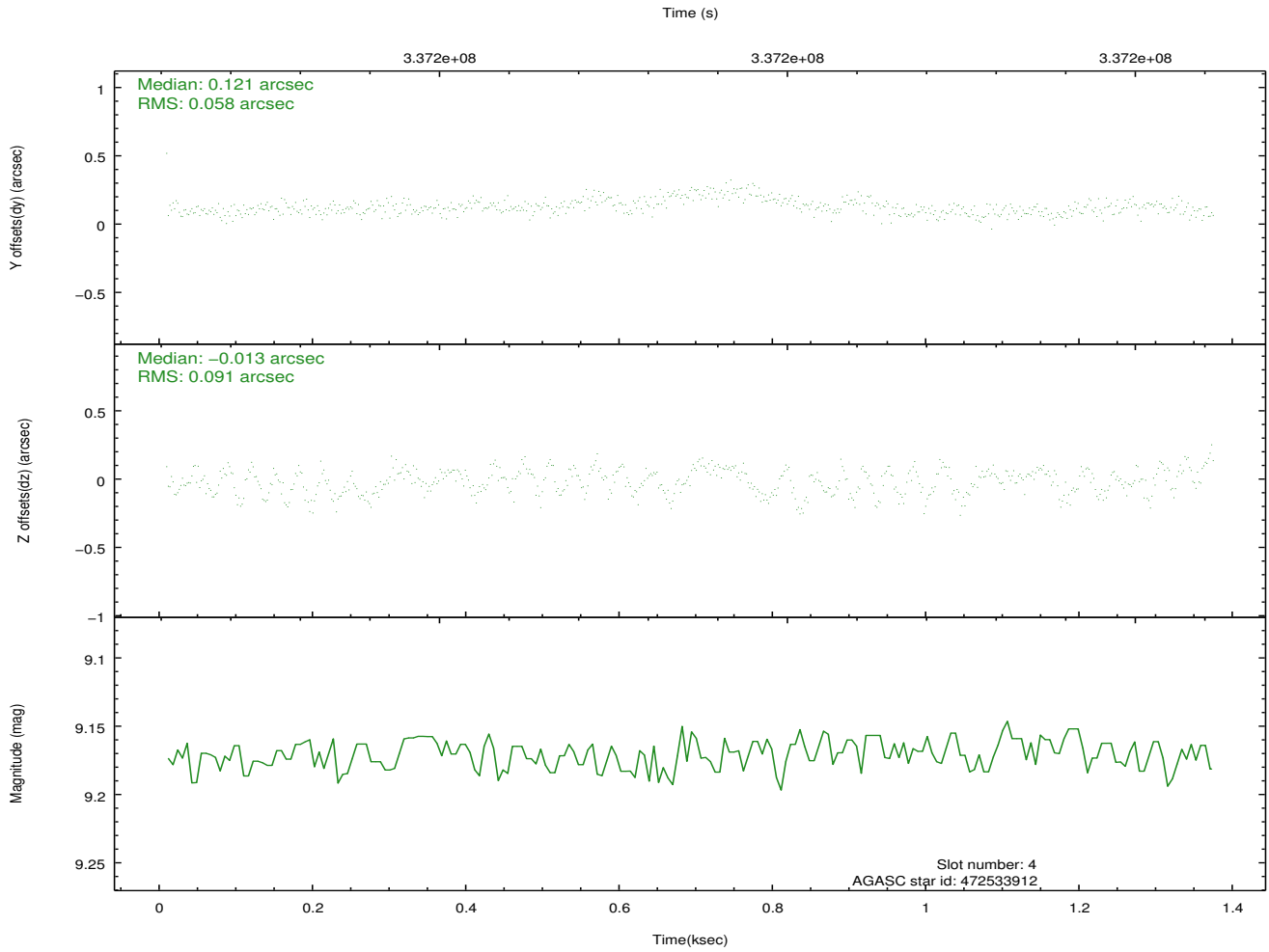
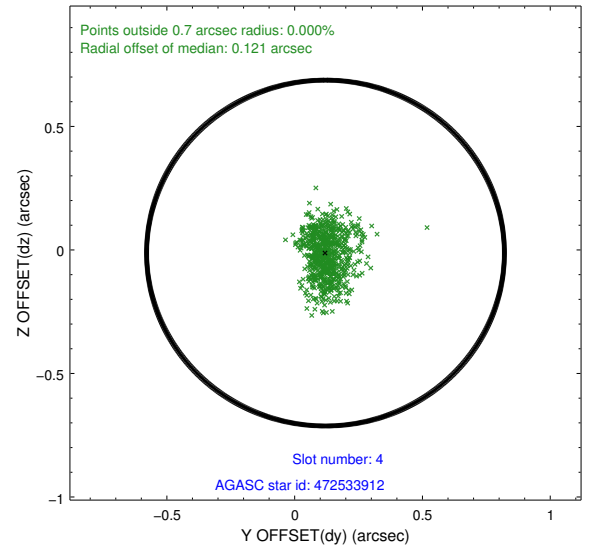
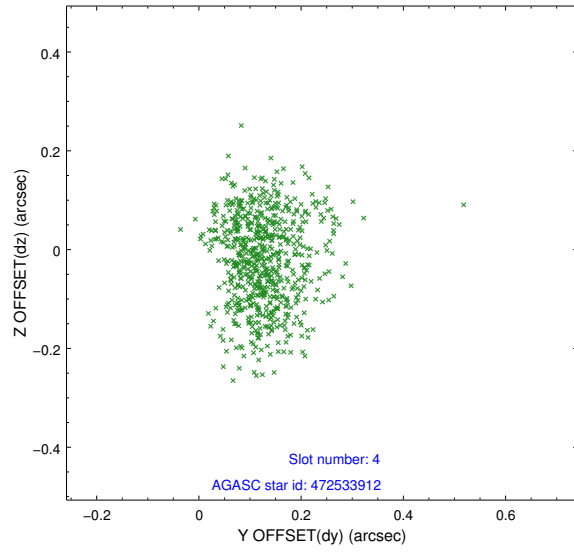
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	334	0.010	-0.037	0.010	0.022	0.000000	0.000000	-771.42	-1301.63
1	FID	HRC-I-3	7.08	334	-0.083	-0.048	0.009	0.016	0.000000	0.000000	-1202.16	999.06
2	FID	HRC-I-4	7.02	334	0.187	-0.004	0.006	0.012	0.000000	0.000000	1268.10	1003.43
3	GUIDE	472527720	6.98	667	-0.236	-0.147	0.073	0.136	331.460205	45.112509	2118.85	1646.78
4	GUIDE	472533912	9.17	667	0.121	-0.013	0.114	0.185	331.791136	46.368695	-91.50	-2380.73
5	GUIDE	472535576	7.87	667	-0.179	0.036	0.054	0.087	331.438373	46.291802	824.39	-2400.42
6	GUIDE	472655152	9.44	667	0.054	0.082	0.109	0.191	332.504239	45.862991	-1223.84	-105.45
7	GUIDE	472665256	9.02	665	0.217	0.035	0.094	0.145	332.808125	46.195041	-2312.54	-1011.49

2.4 Star Slots

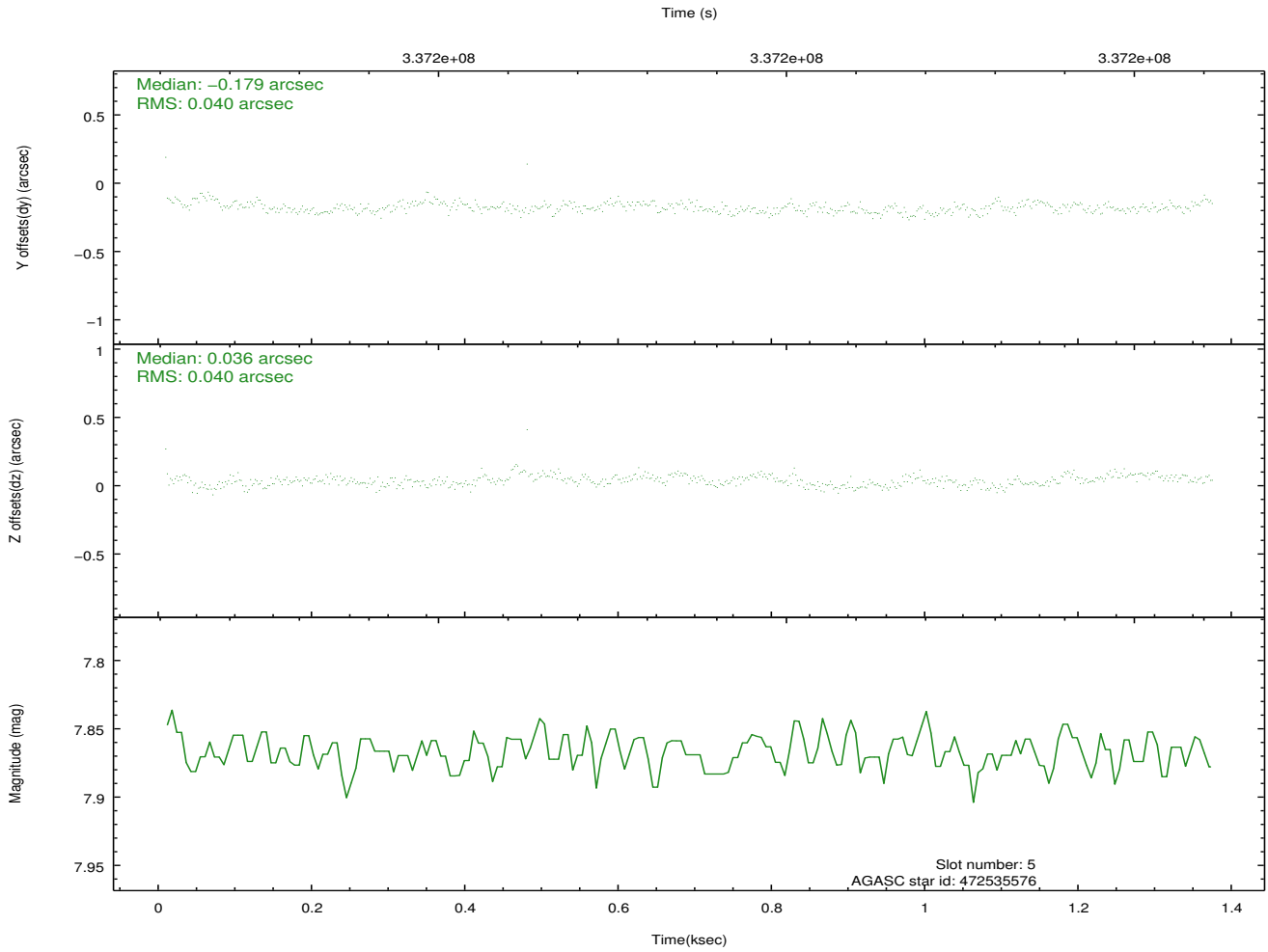
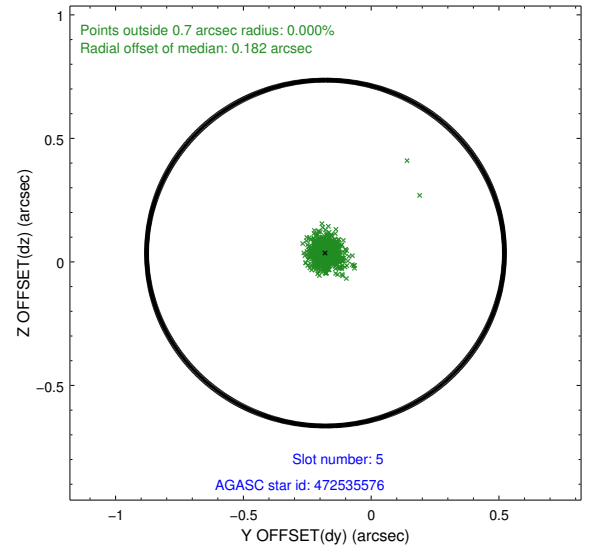
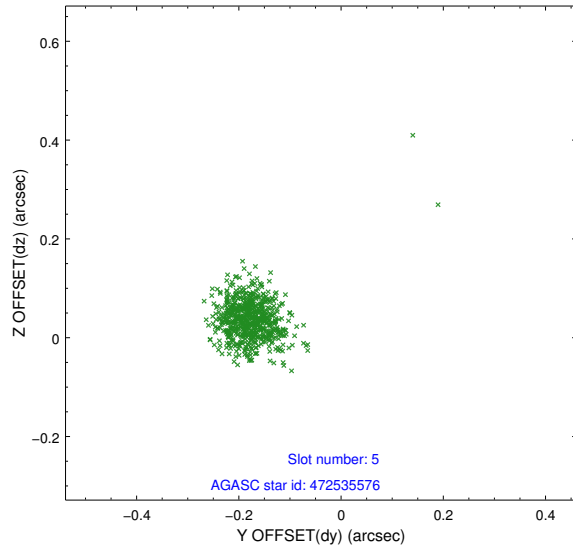
2.4.1 Slot 3



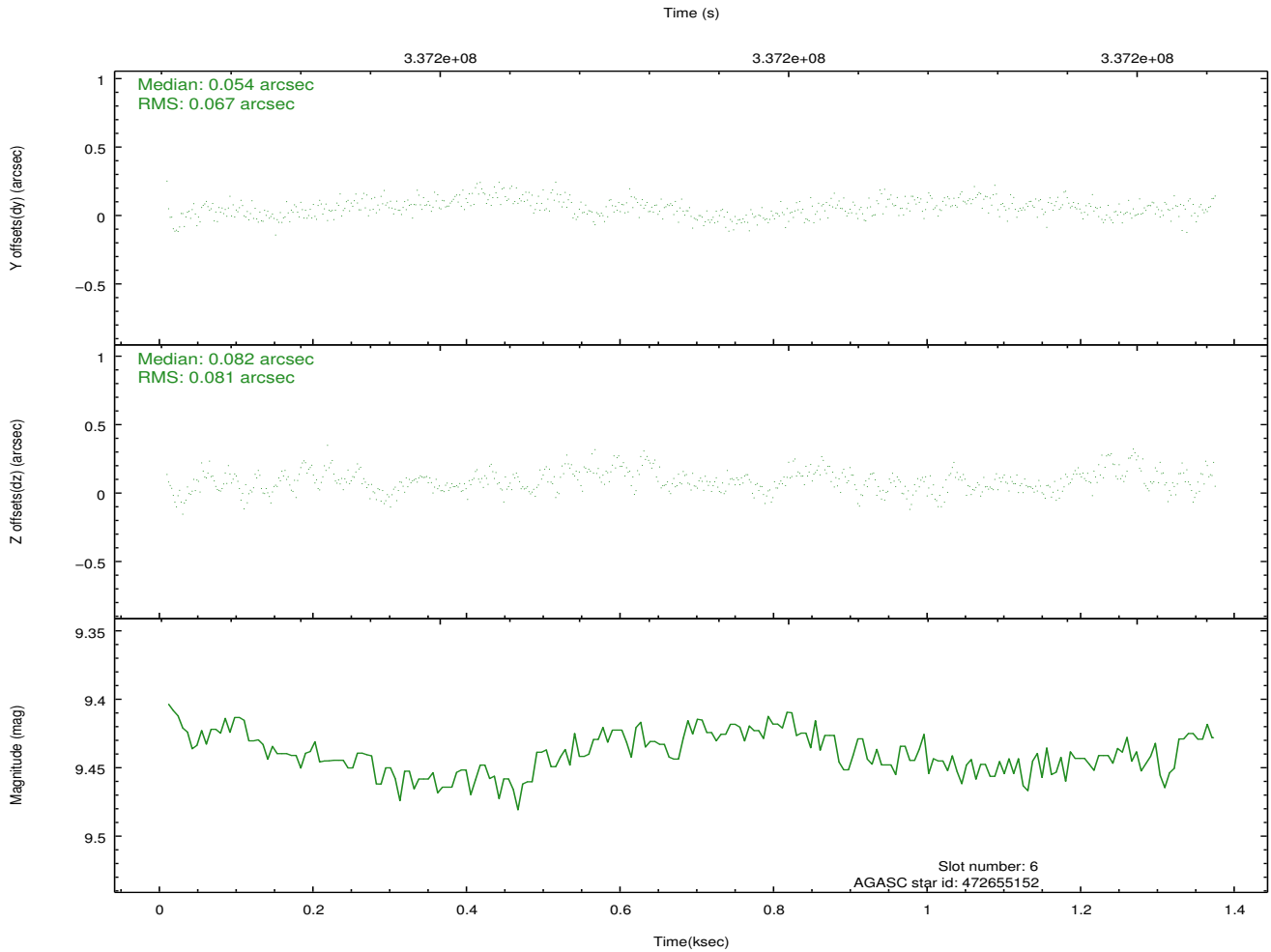
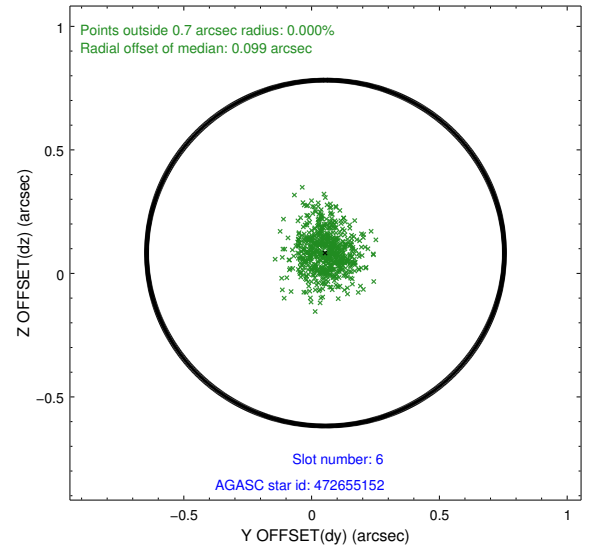
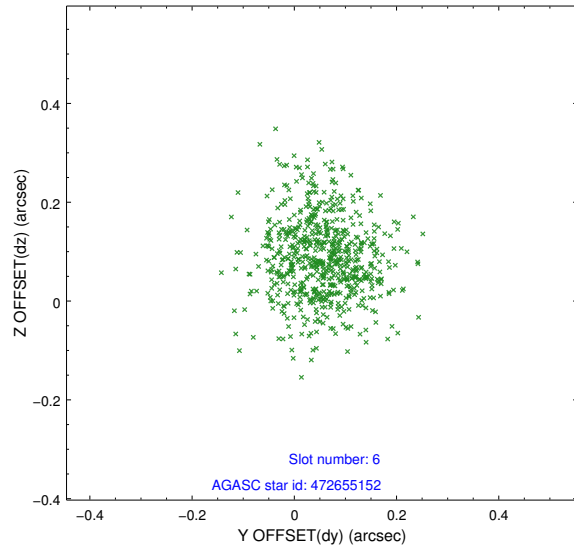
2.4.2 Slot 4



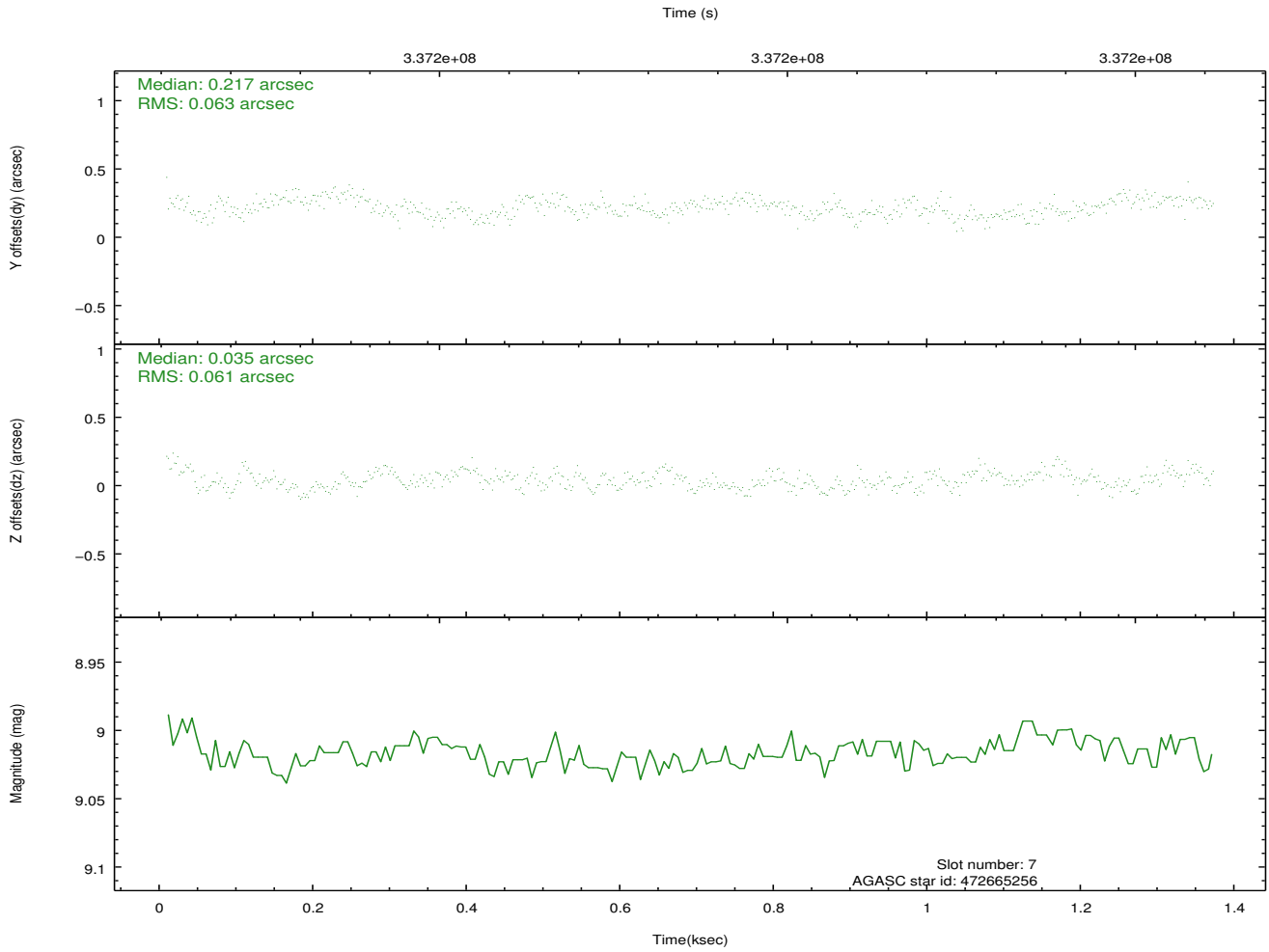
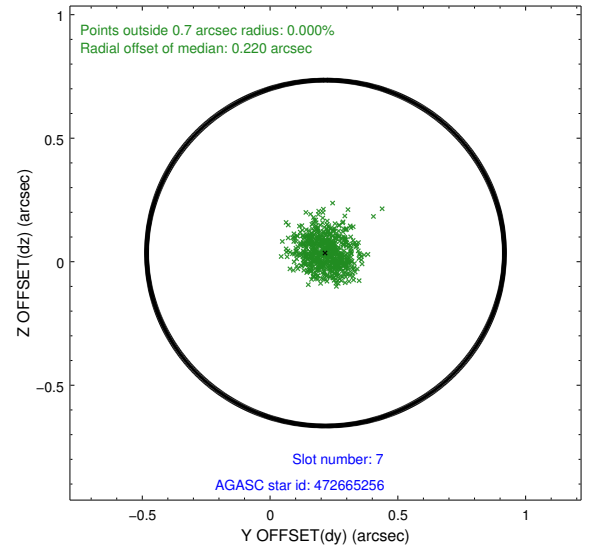
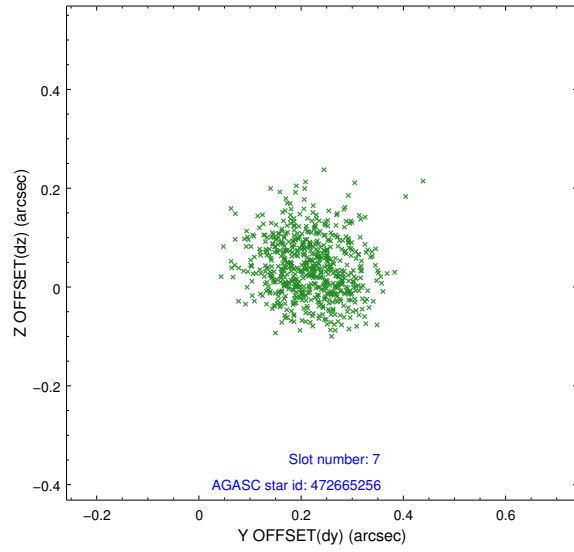
2.4.3 Slot 5



2.4.4 Slot 6

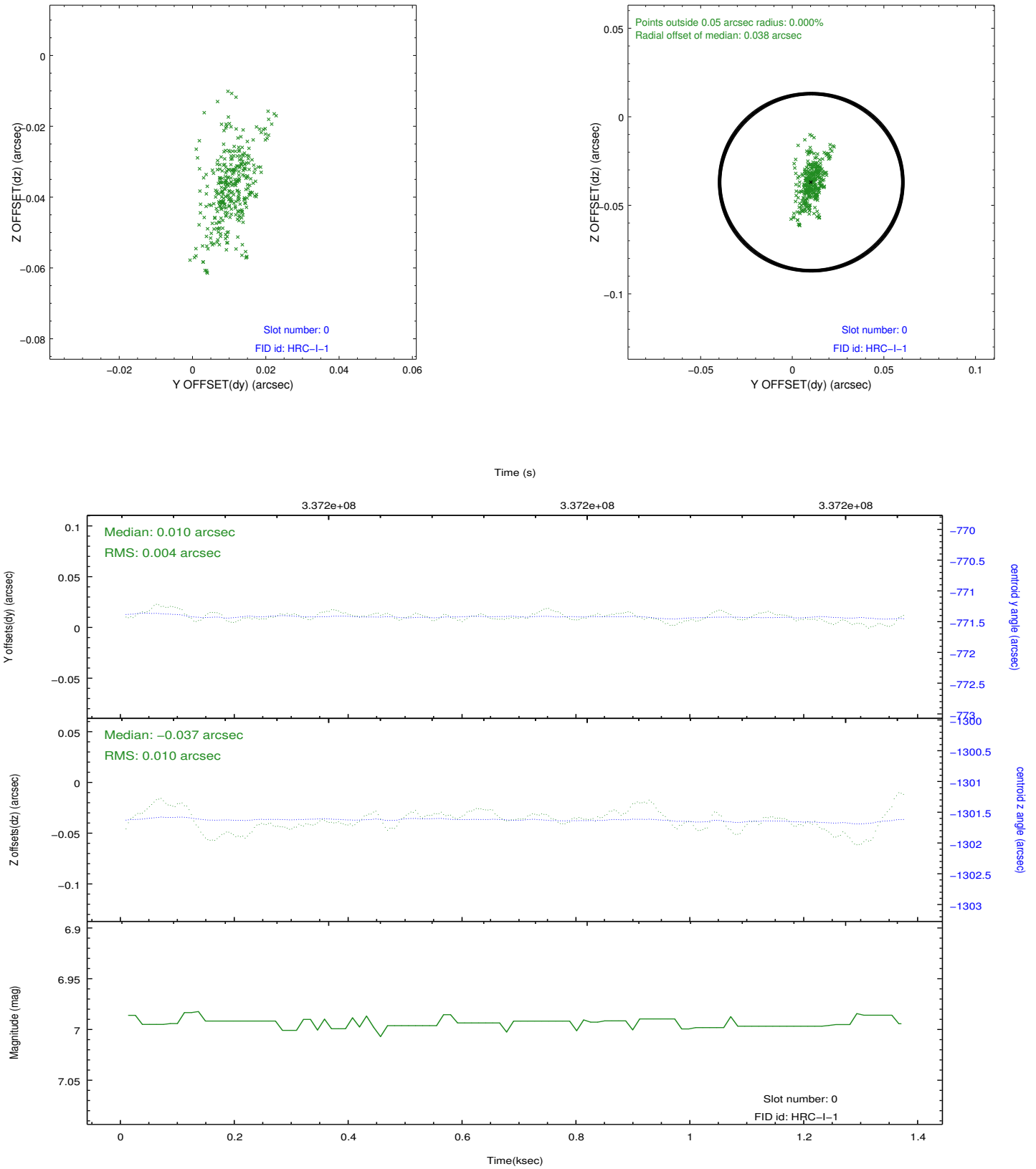


2.4.5 Slot 7

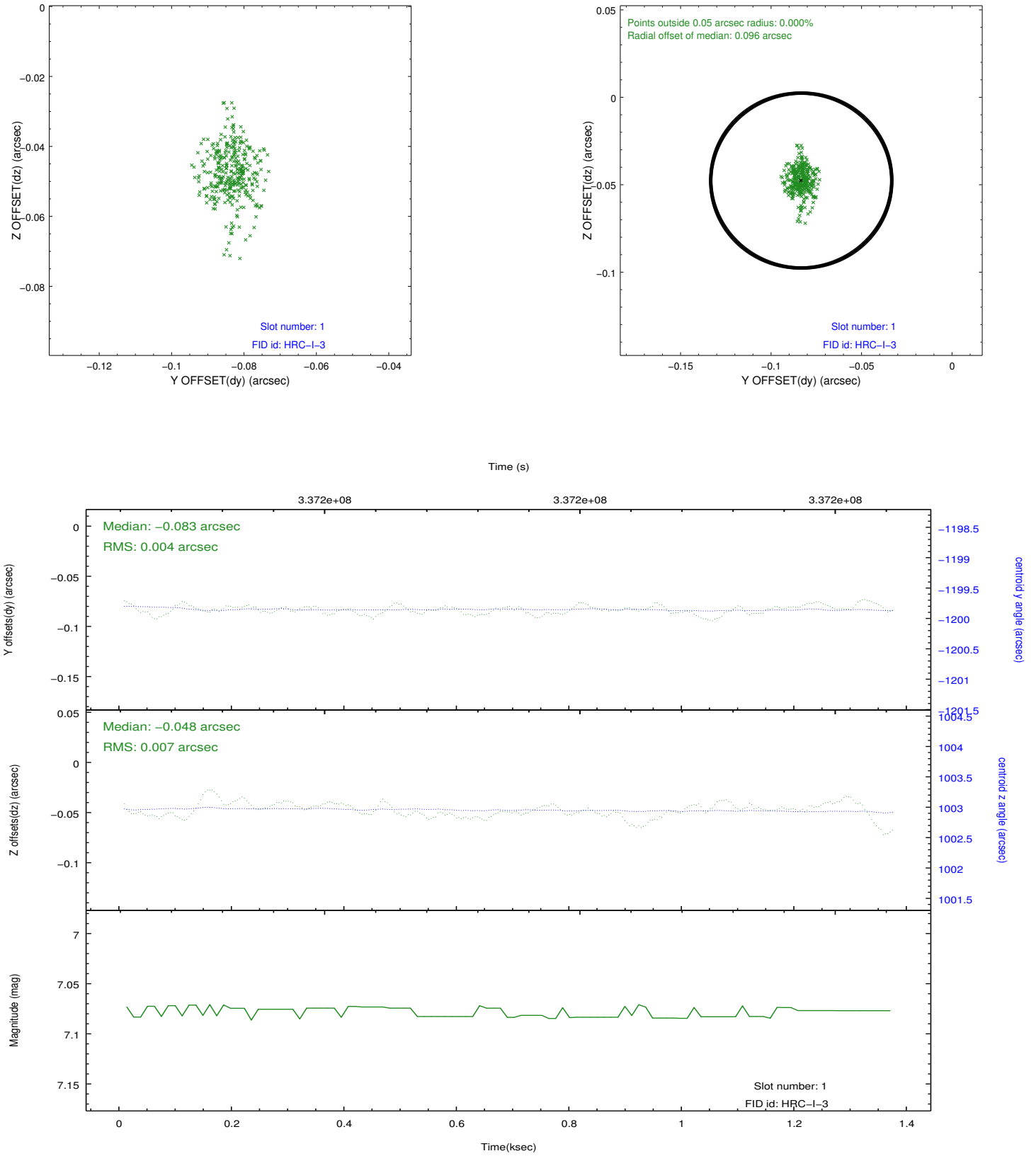


2.5 FID Slots

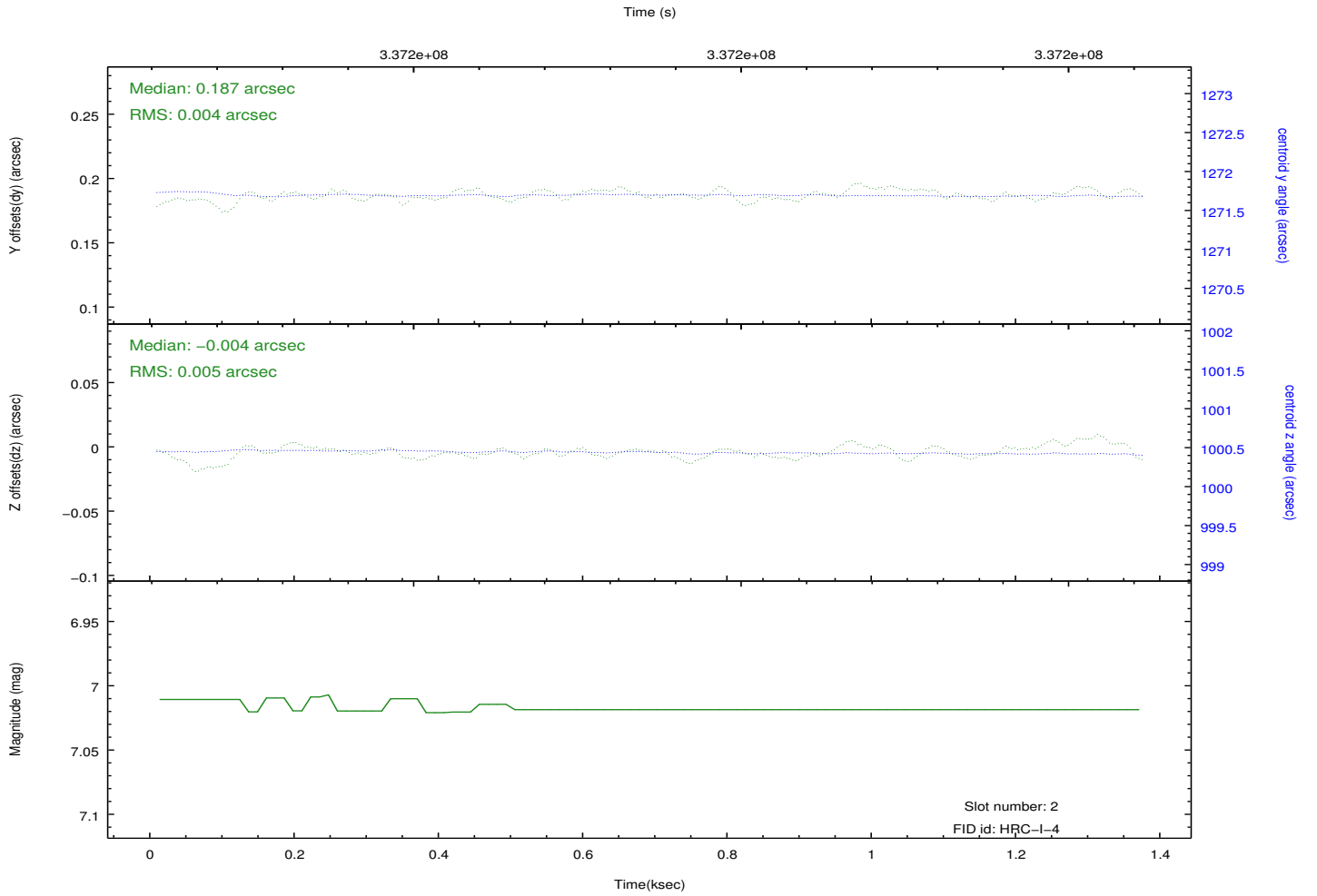
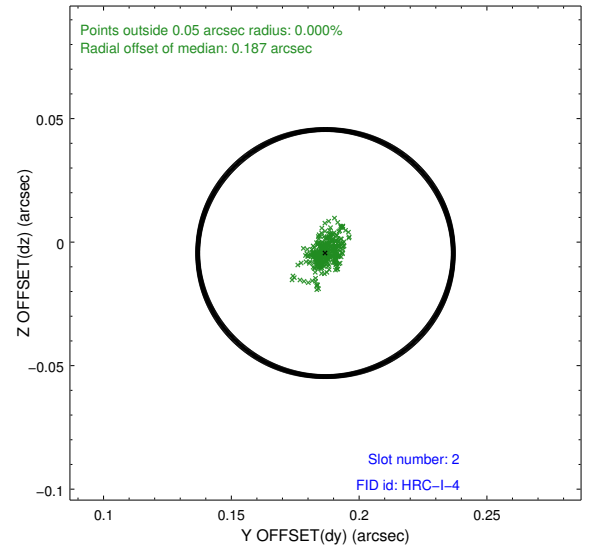
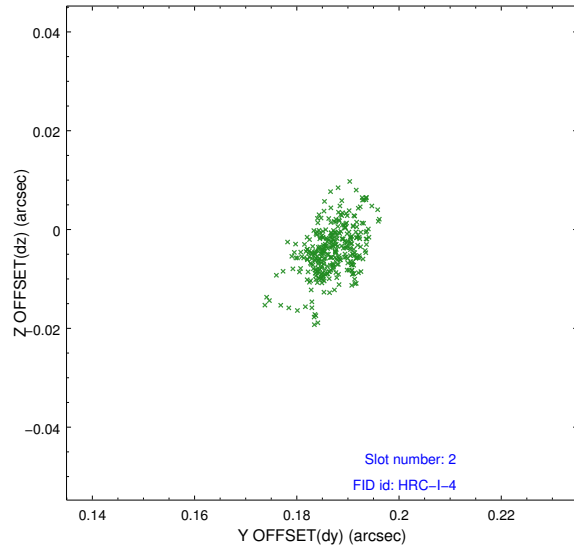
2.5.1 Slot 0



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)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.36453131

A.2 Comments