

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4300 - L2 Version 4
Chandra X-Ray Center

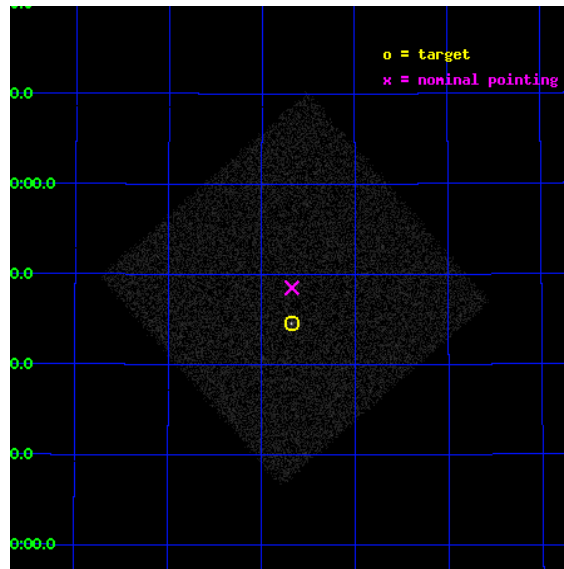
L2 Processing Date : Oct 23 2012

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1 Front

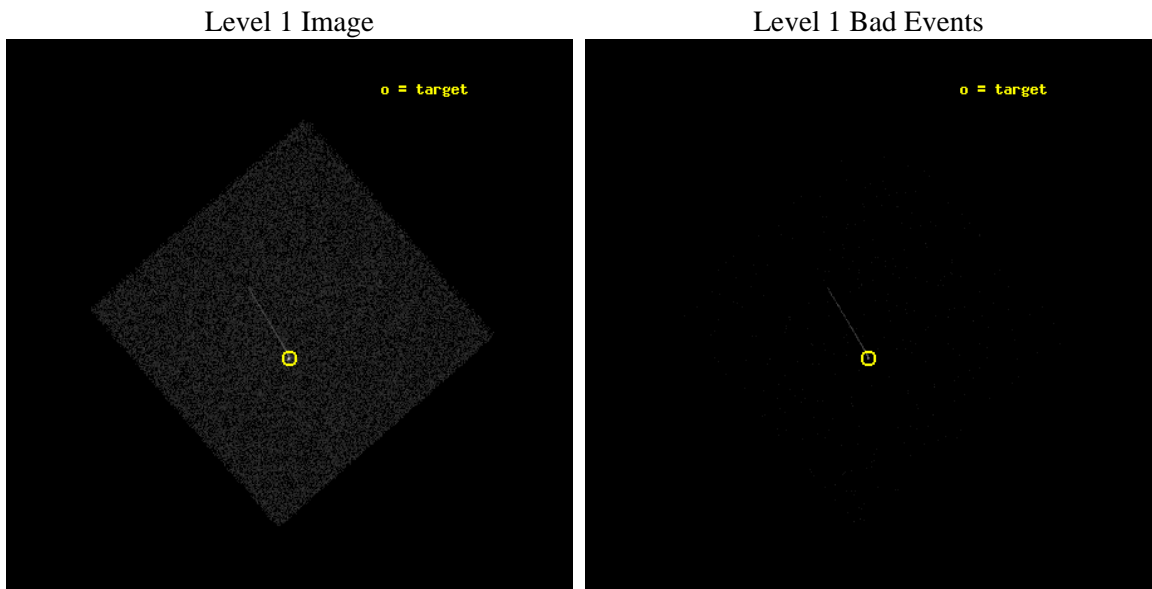
seq_num	290260	Sequence number
obs_id	4300	Observation id
title	AO4 CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-I GAIN	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.16902062703	Nominal RA [deg]
dec_nom	45.808504446494	Nominal Dec [deg]
roll_nom	3.7838535324695	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1185.9250498712	[s]
livetime	1179.252179904	Ontime multiplied by DTCOR
l2events	38634	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	1185.9250498712	[s]
caldbver	4.5.2	 	l1events	69726	Number of level 1 events
date	2012-10-23T09:29:01	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

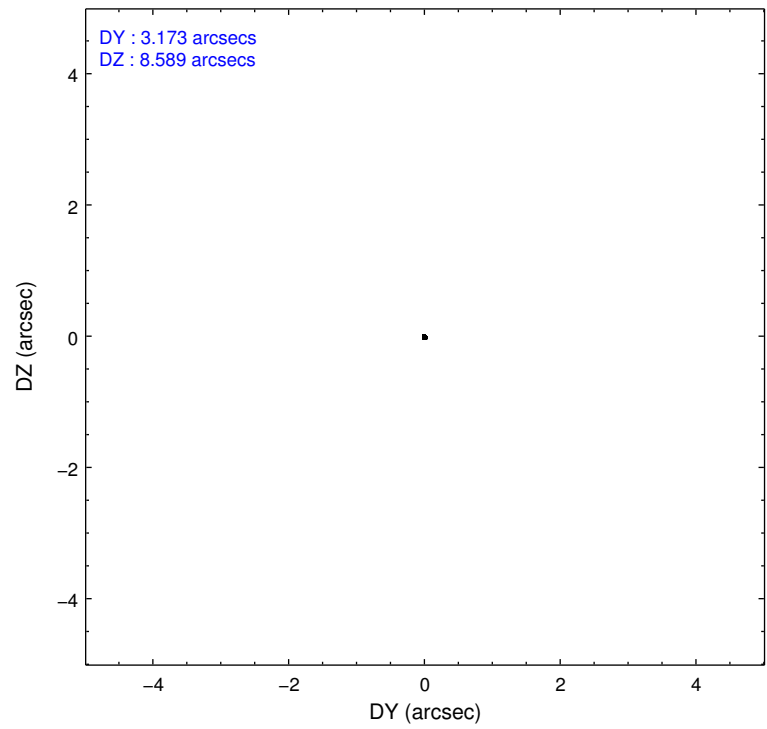
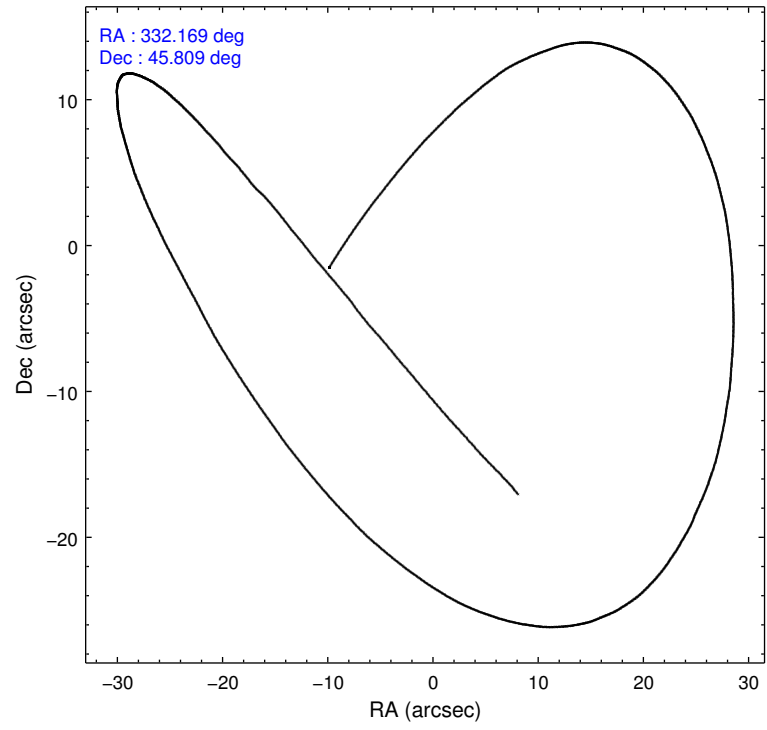
	segment 0
level 1 events	69726
rejected events	14814
rejected %	21%

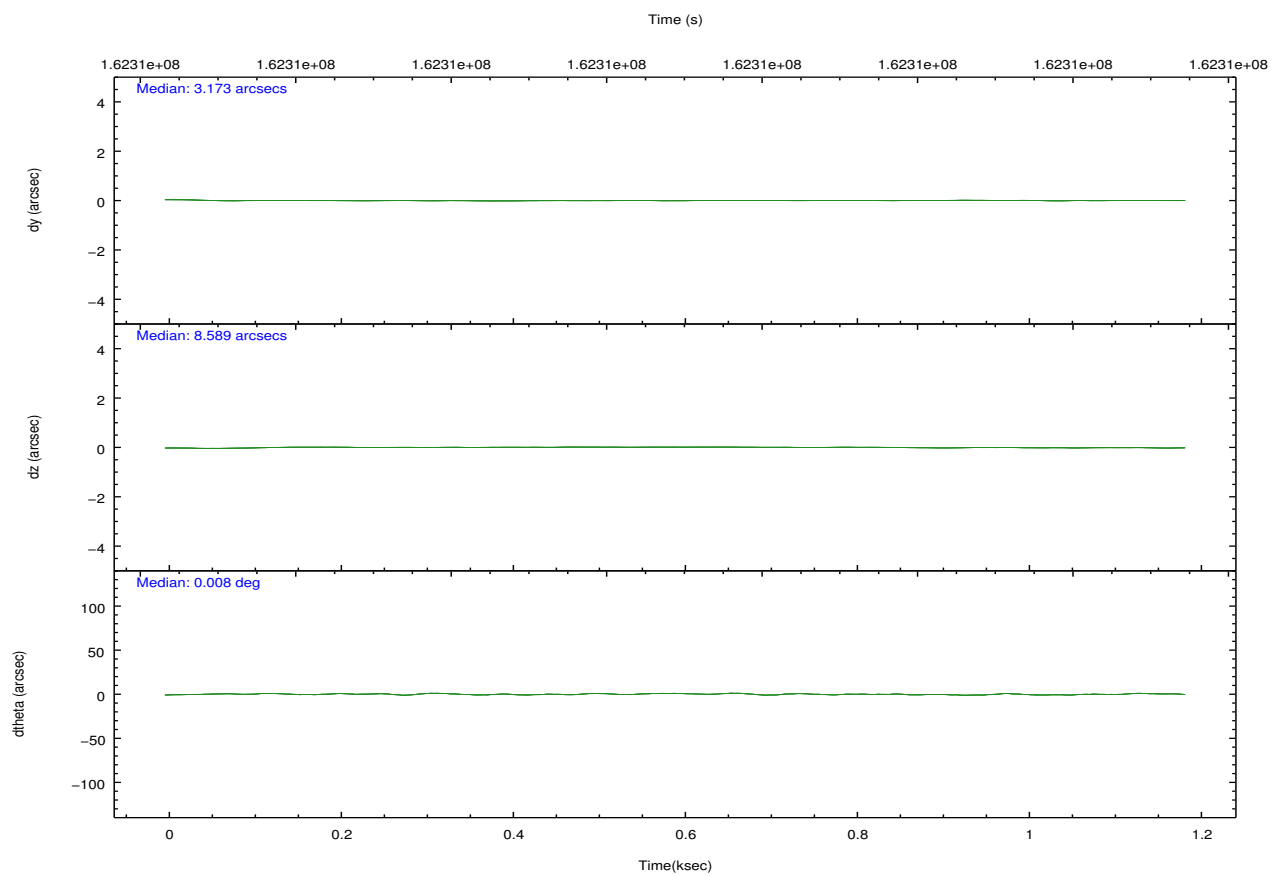
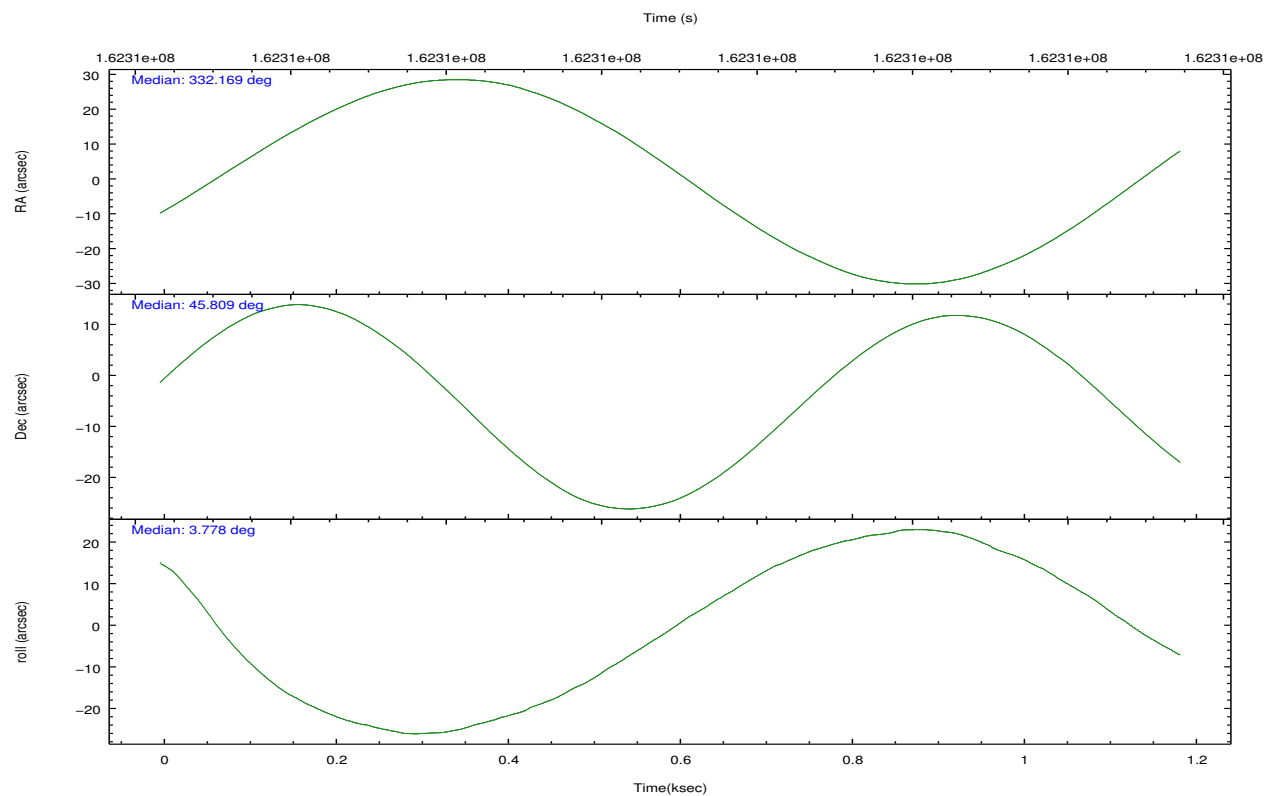
2.2 Compared Parameters

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	332.137388	332.1690206270251
[deg] Pointing Dec	45.791877	45.8085044464936
[deg] Pointing Roll	3.901995	3.783853532469514
[s] Window start time (MET)	161697664.184000	161697664.184000
[s] Window stop time (MET)	165412864.184000	165412864.184000
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	162308678.184000	162308301.92018
Observation start date	2003-02-22T13:43:34	2003-02-22T13:38:21
[s] Observation end time (MET)	162309678.184000	162309811.74524
Observation end date	2003-02-22T14:00:14	2003-02-22T14:03:31

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

2.3 Aspect



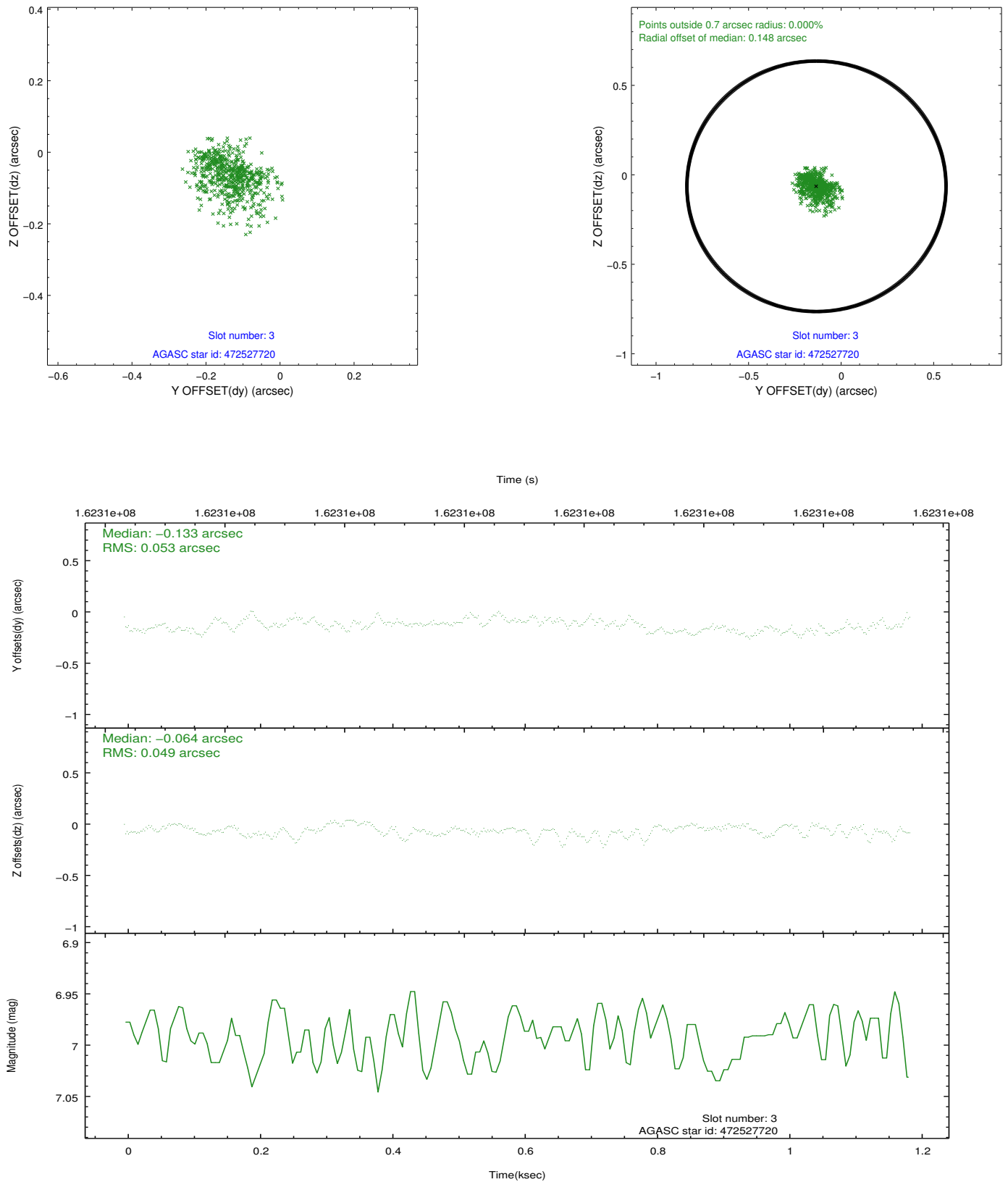


Slot Statistics

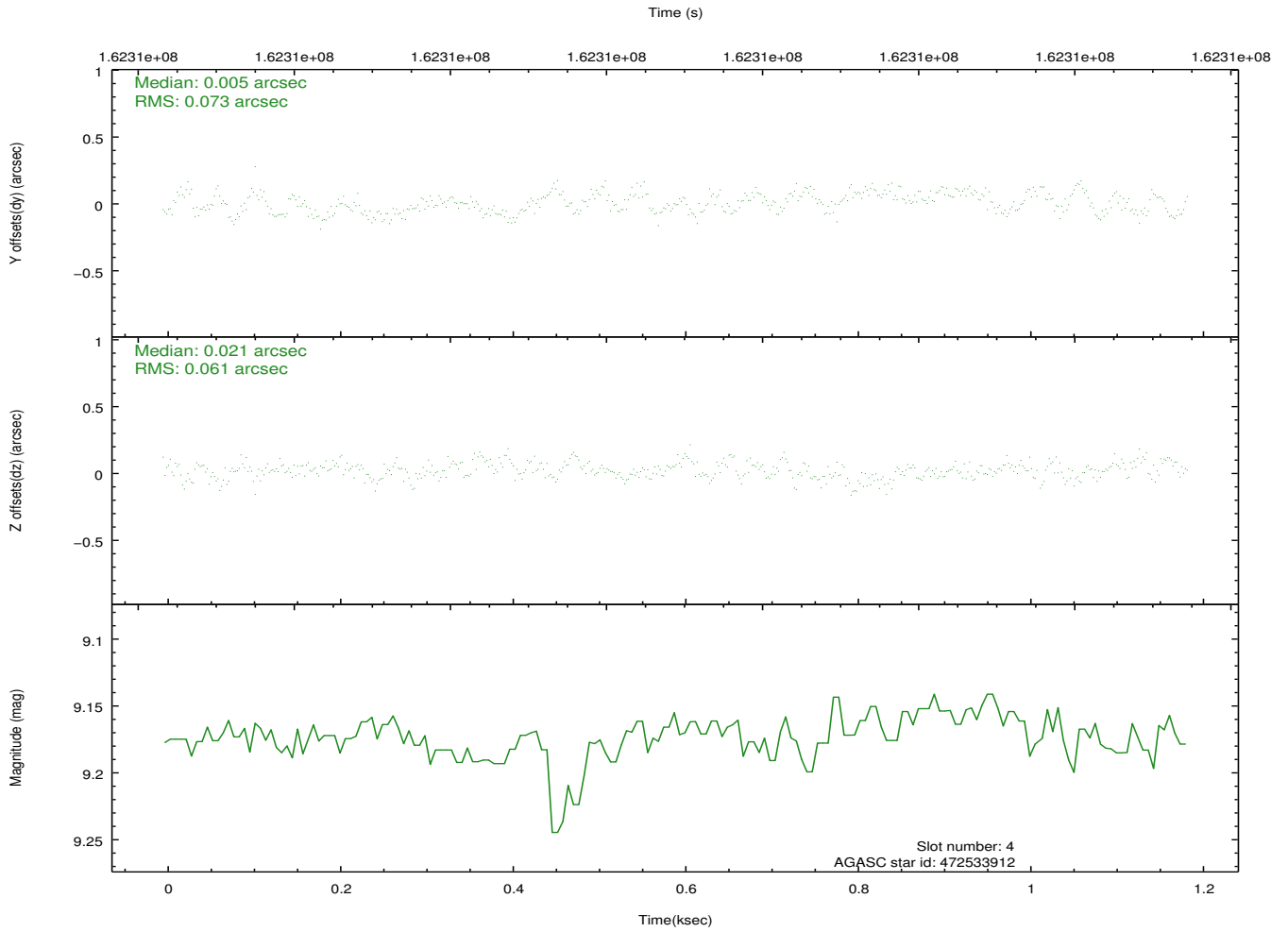
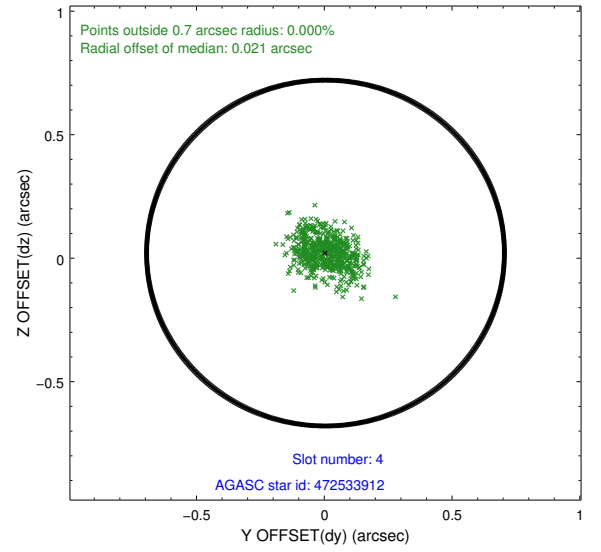
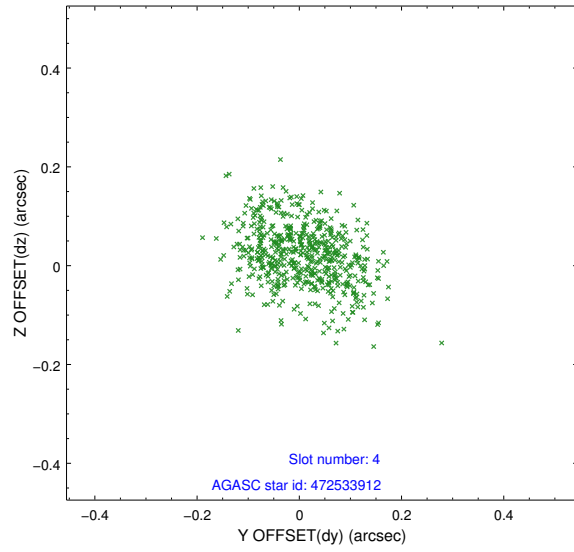
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	290	0.021	0.061	0.006	0.013	0.000000	0.000000	-758.62	-1296.47
1	FID	HRC-I-2	7.01	290	0.084	-0.080	0.006	0.011	0.000000	0.000000	851.45	-1302.64
2	FID	HRC-I-3	7.06	290	0.013	-0.070	0.006	0.014	0.000000	0.000000	-1184.19	1003.47
3	GUIDE	472527720	6.99	580	-0.133	-0.064	0.079	0.127	331.460205	45.112509	-1882.03	-2319.65
4	GUIDE	472533912	9.17	579	0.005	0.021	0.103	0.159	331.791136	46.368695	-719.87	2124.52
5	GUIDE	472655704	9.49	580	0.108	0.077	0.111	0.178	332.167195	45.285228	-49.39	-1824.67
6	GUIDE	472659832	9.46	578	0.089	0.055	0.103	0.167	332.780399	46.098139	1677.18	990.71
7	GUIDE	472523760	8.24	579	-0.069	-0.079	0.071	0.114	331.645363	45.403260	-1332.44	-1309.48

2.4 Star Slots

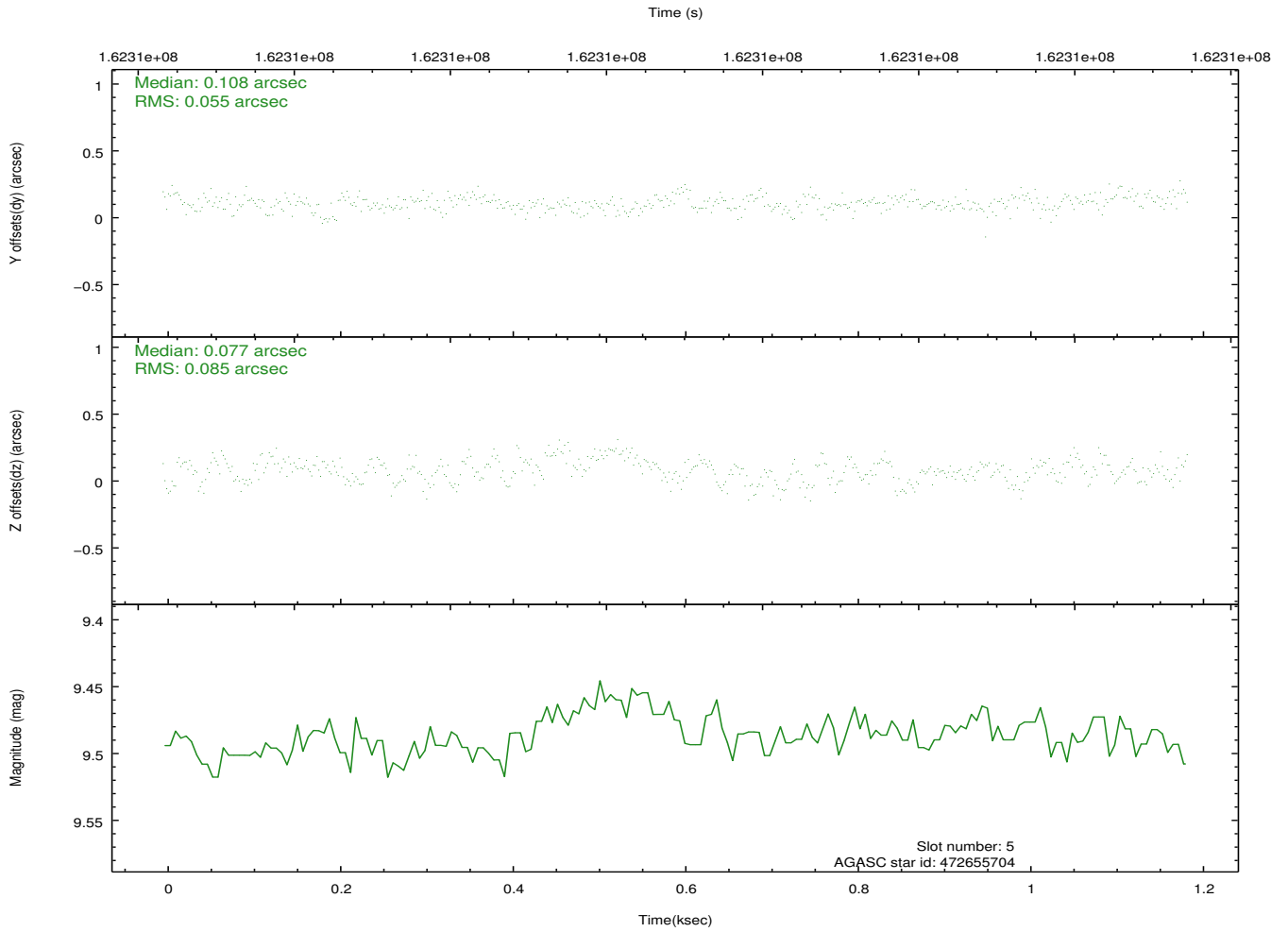
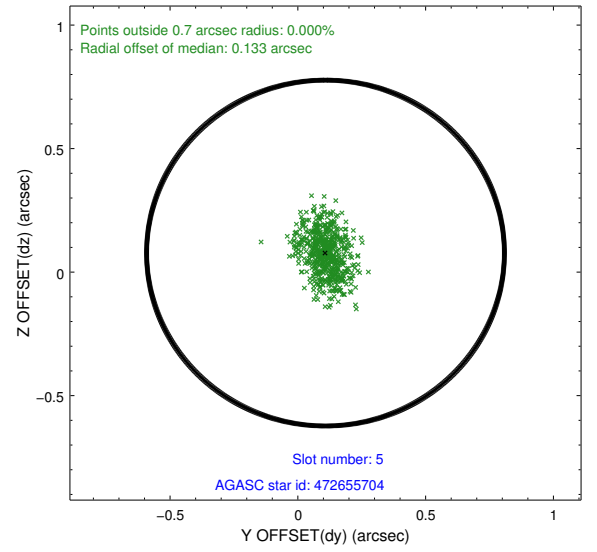
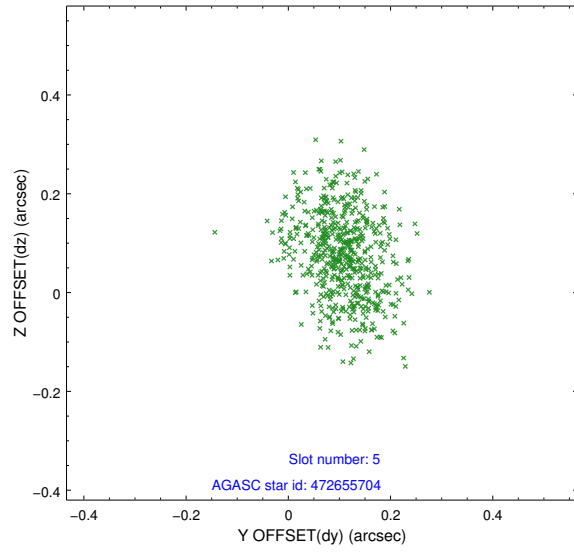
2.4.1 Slot 3



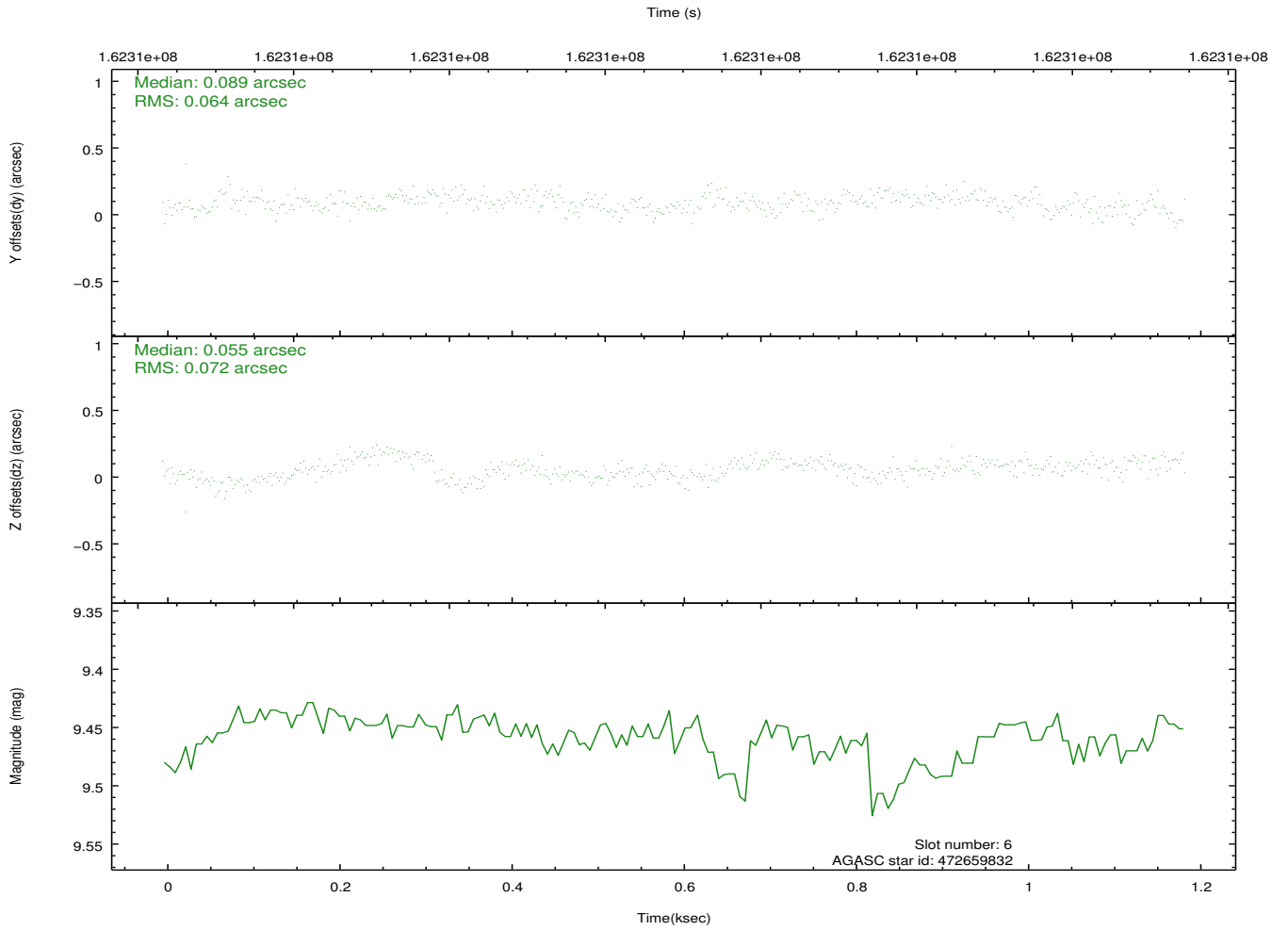
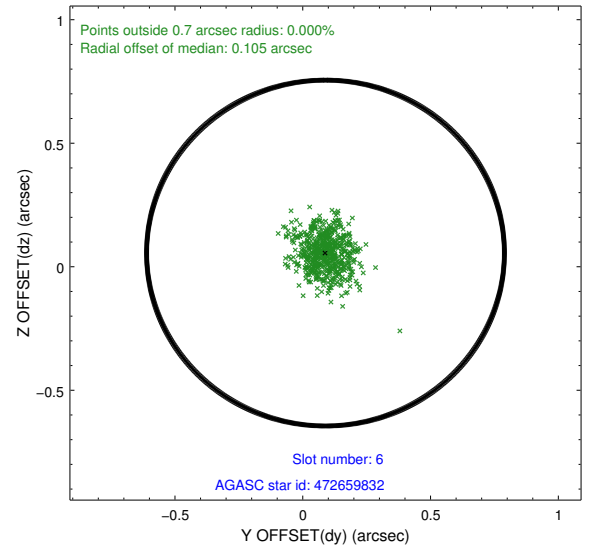
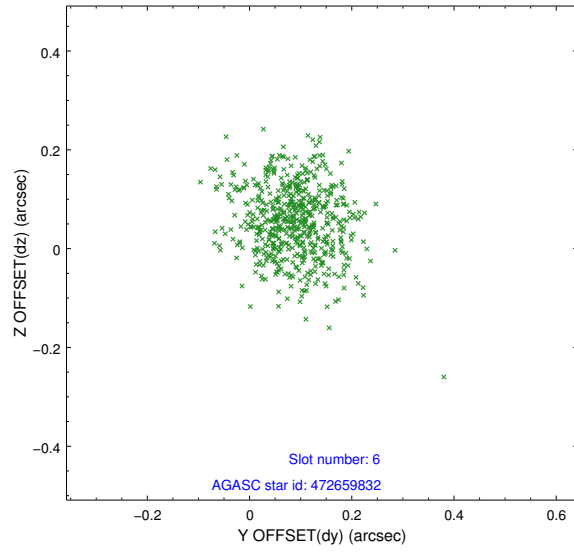
2.4.2 Slot 4



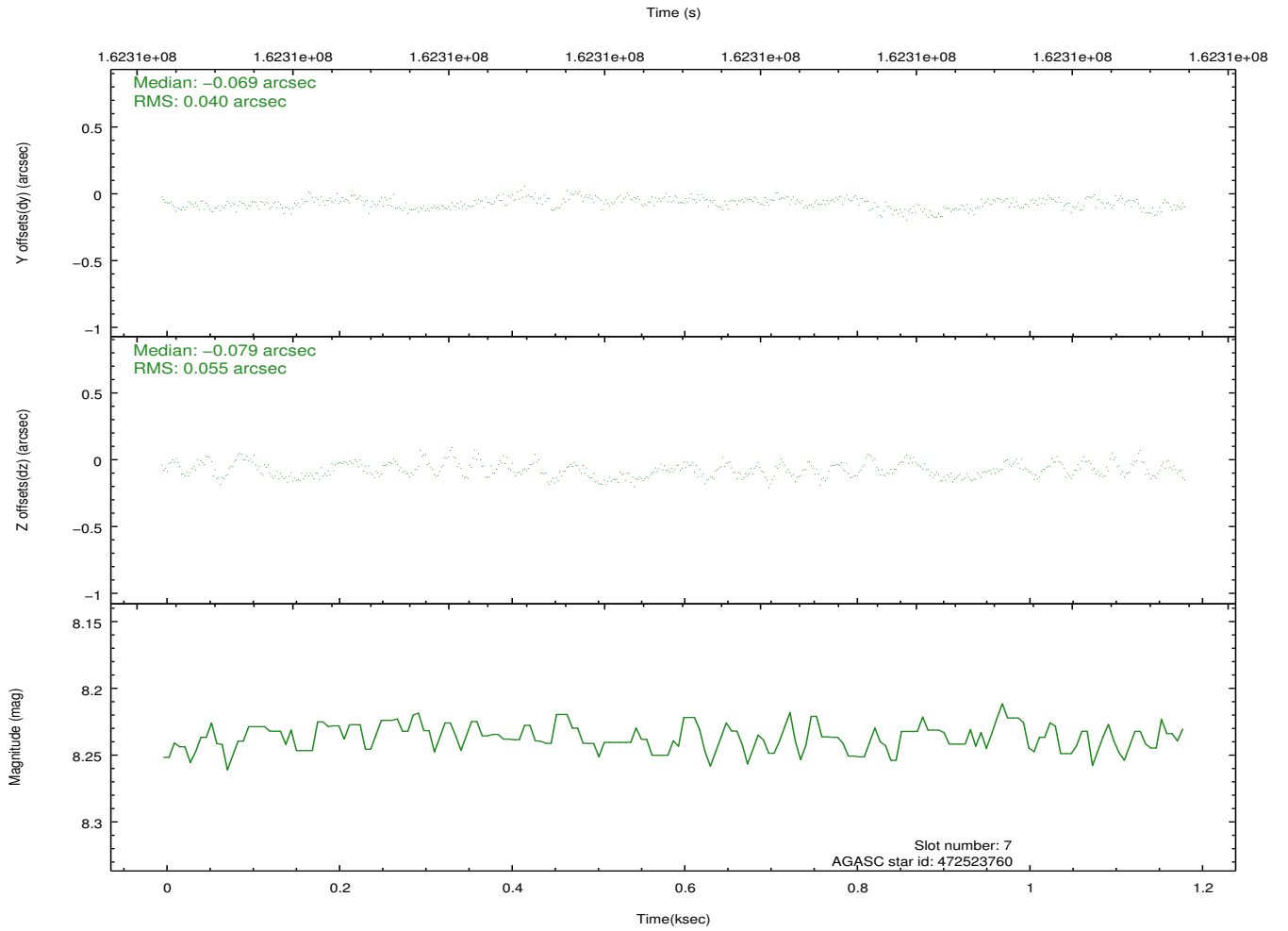
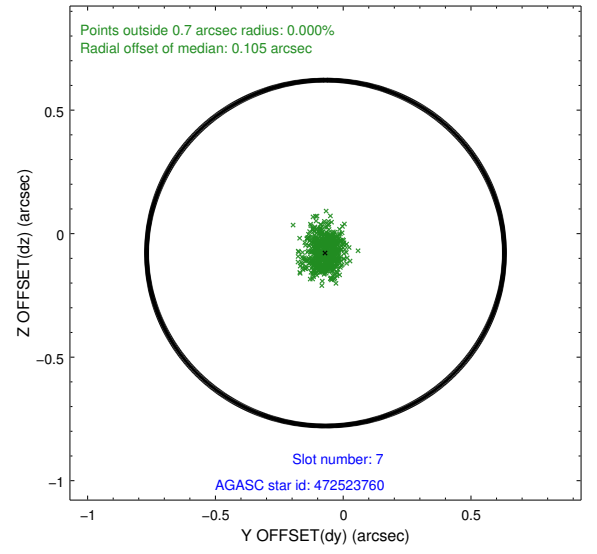
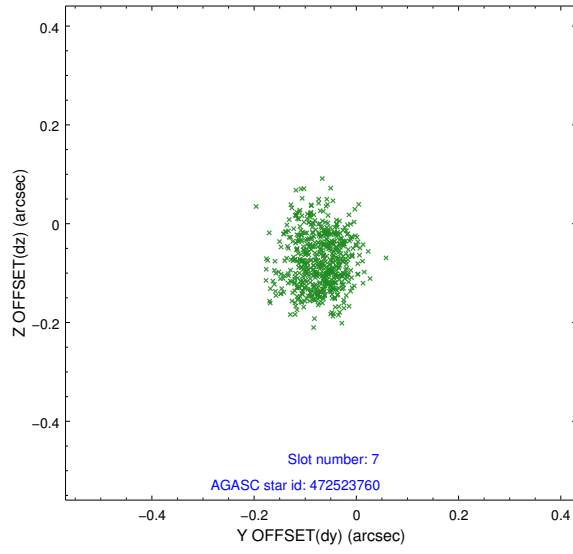
2.4.3 Slot 5



2.4.4 Slot 6

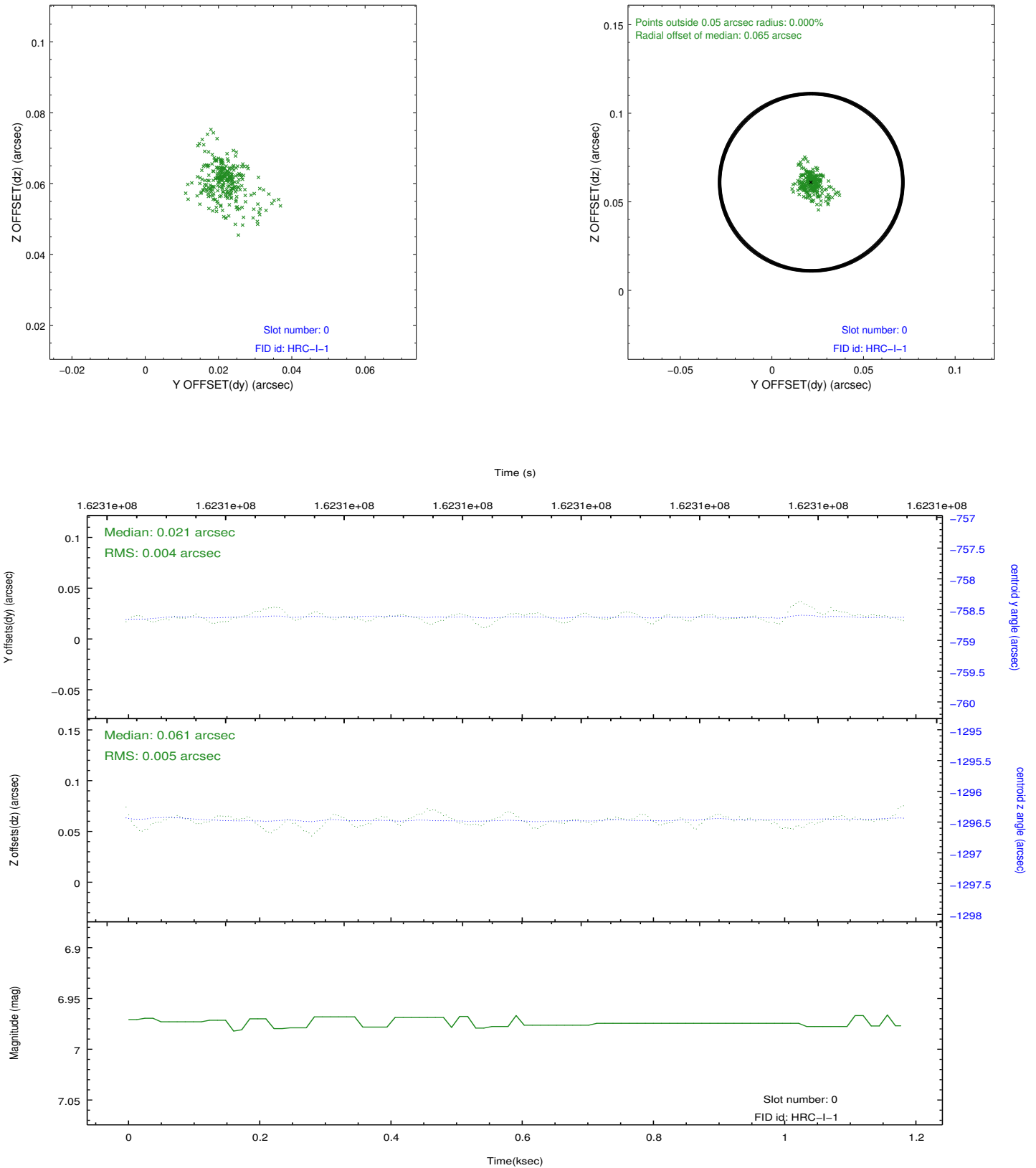


2.4.5 Slot 7

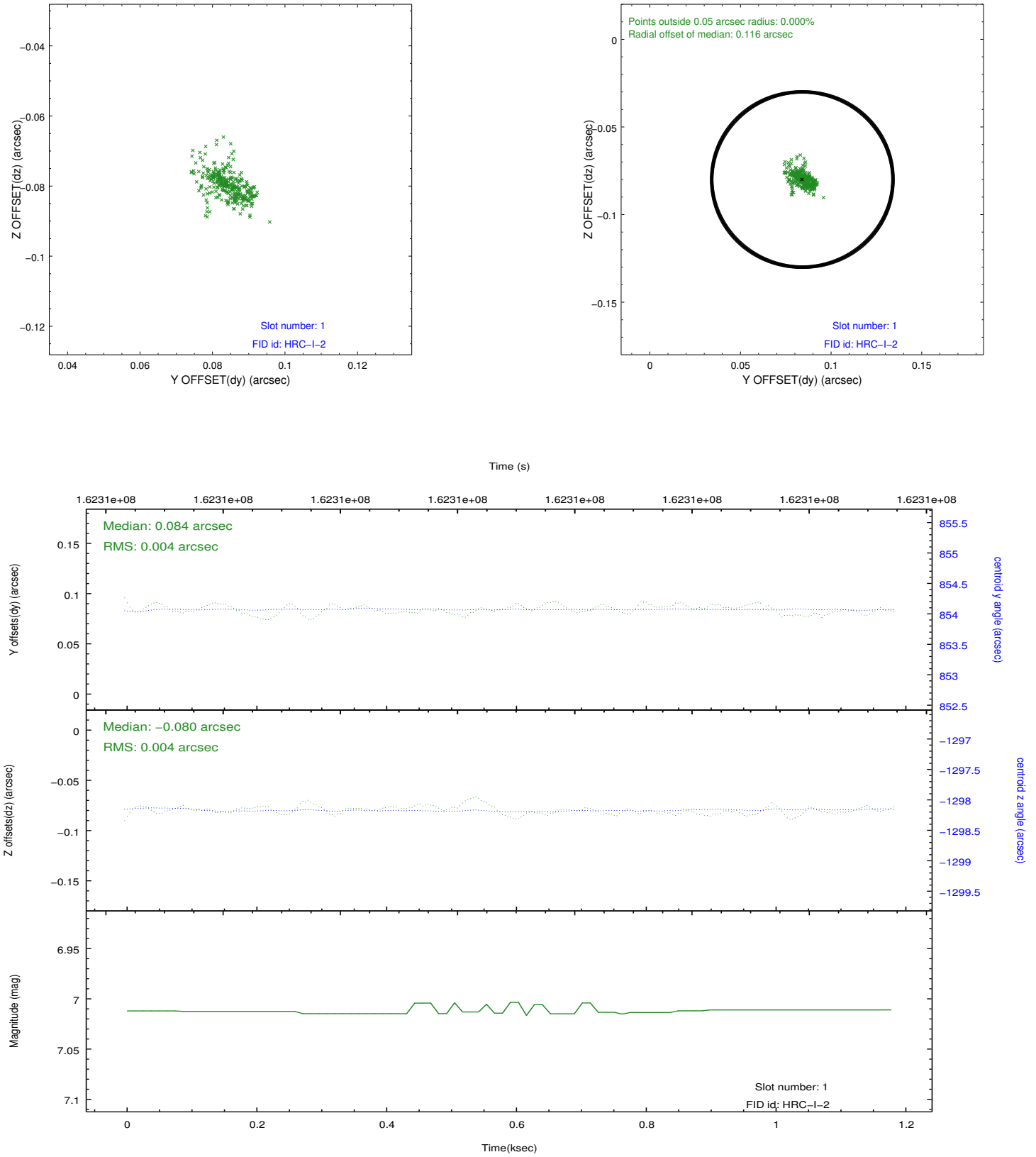


2.5 FID Slots

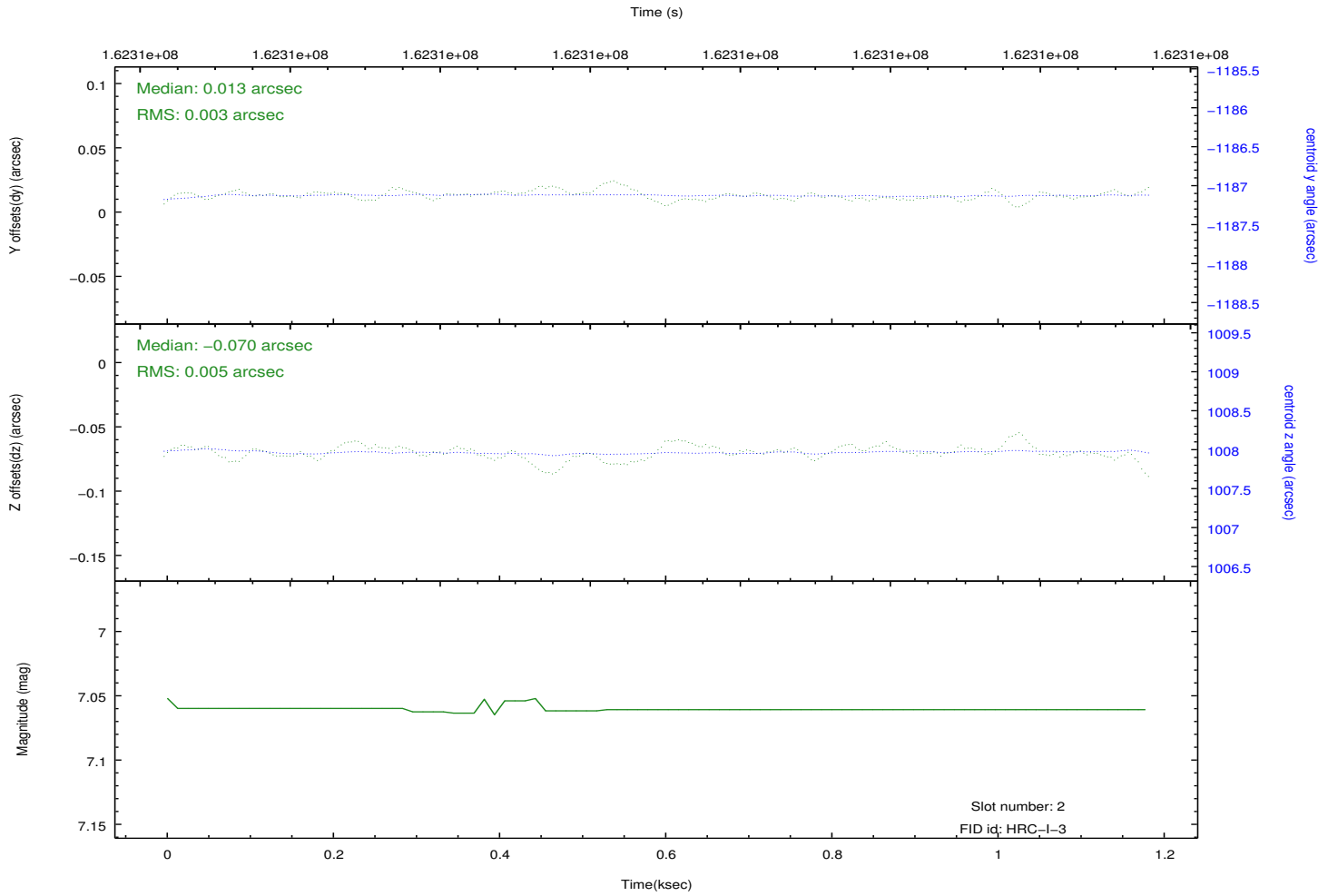
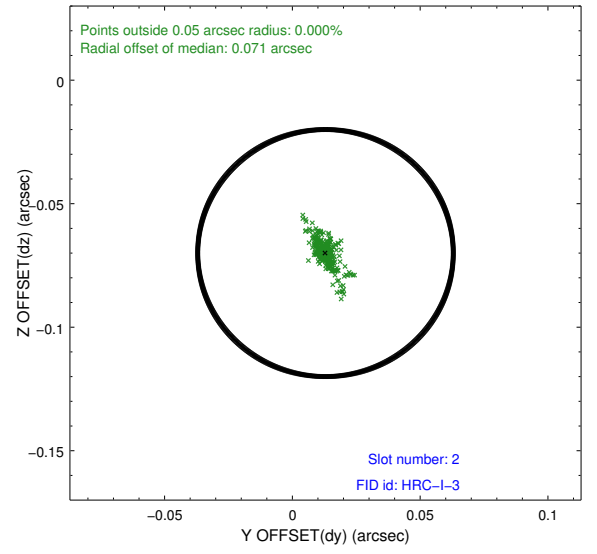
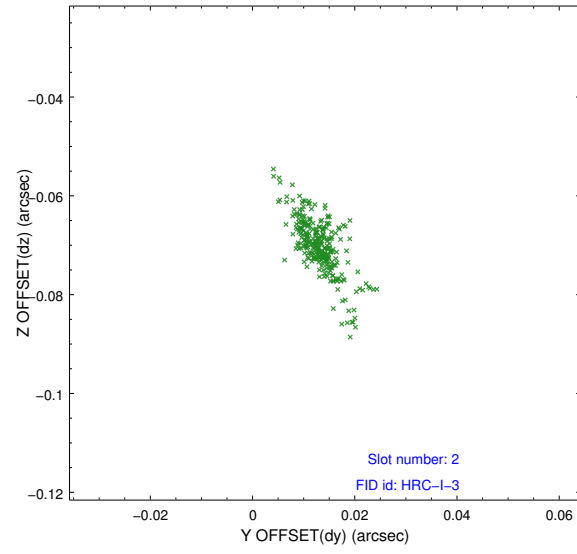
2.5.1 Slot 0



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)	2012.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.186

A.2 Comments

Window constraint met.