

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2611 - L2 Version 4
Chandra X-Ray Center

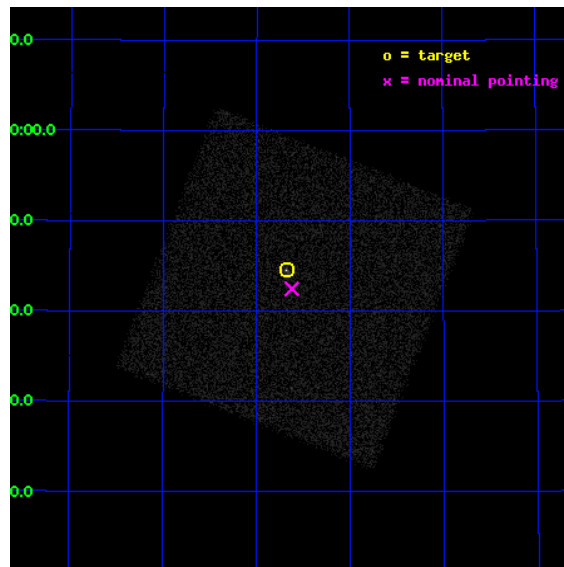
L2 Processing Date : Oct 1 2012

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1 Front

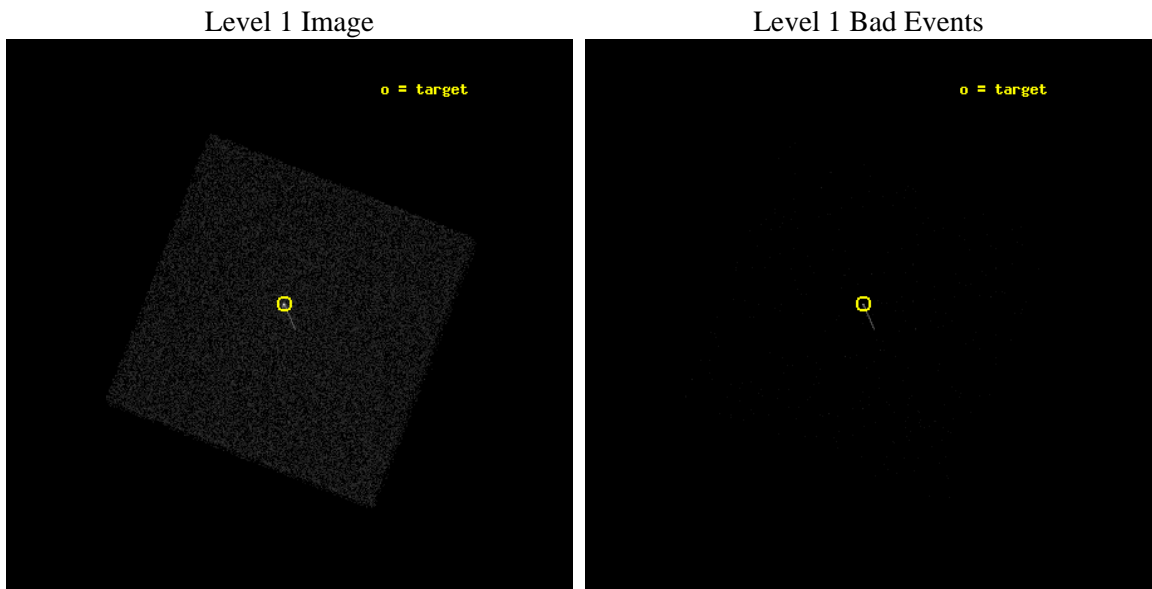
seq_num	290167	Sequence number
obs_id	2611	Observation id
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal tit
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.15539376141	Nominal RA [deg]
dec_nom	45.708209954893	Nominal Dec [deg]
roll_nom	336.49081159799	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1192.3312980384	[s]
liveltime	1185.6370685128	Ontime multiplied by DTCOR
l2events	37867	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1192.3312980384	[s]
caldbver	4.5.2	 	l1events	68790	Number of level 1 events
date	2012-10-01T03:08:29	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

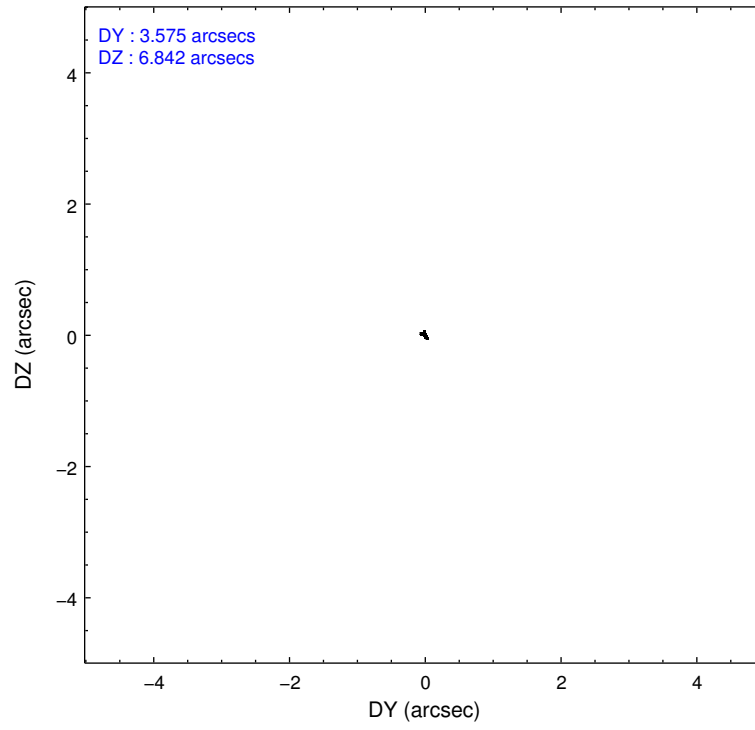
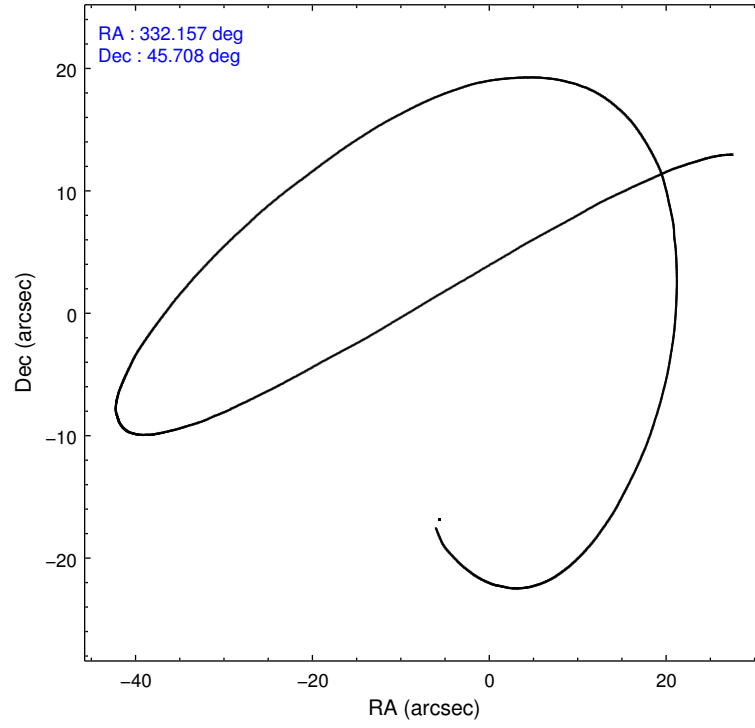
	segment 0
level 1 events	68790
rejected events	14373
rejected %	20%

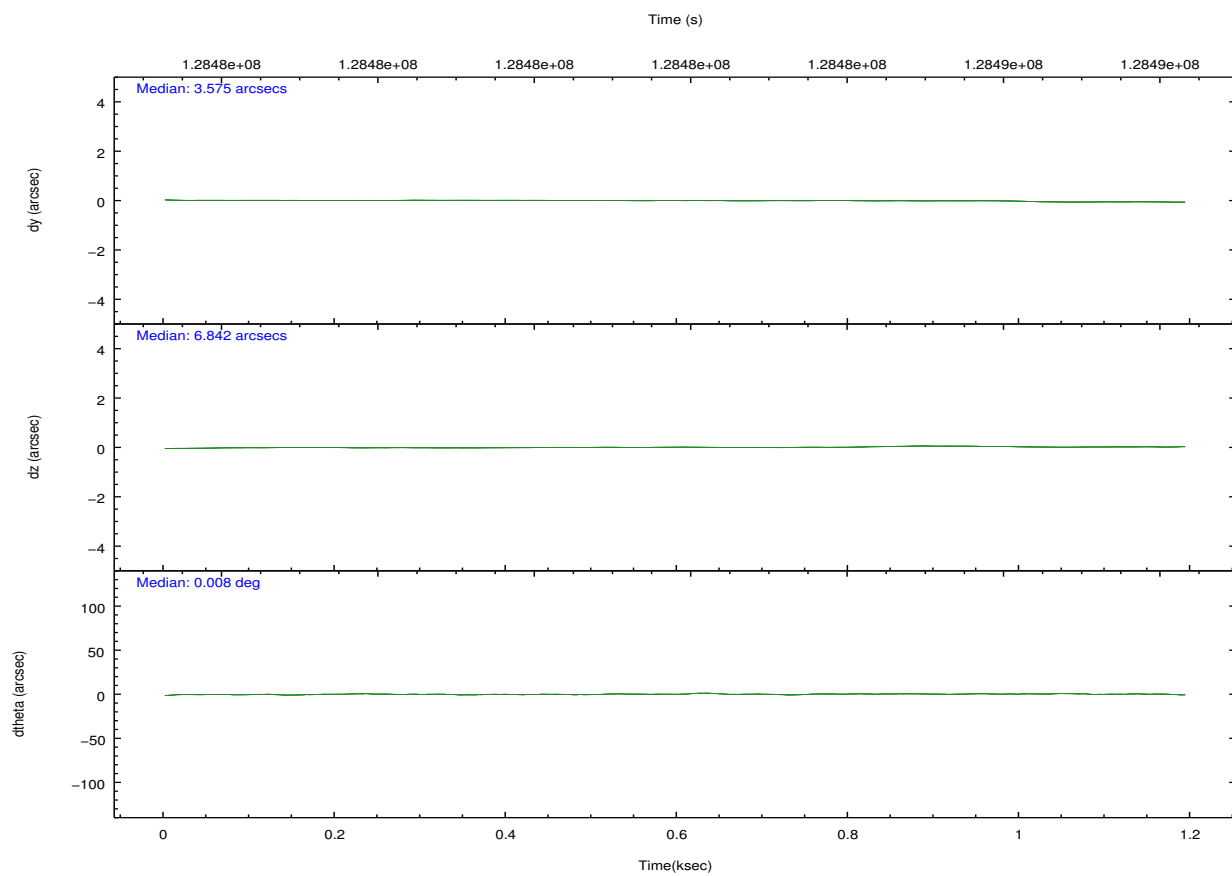
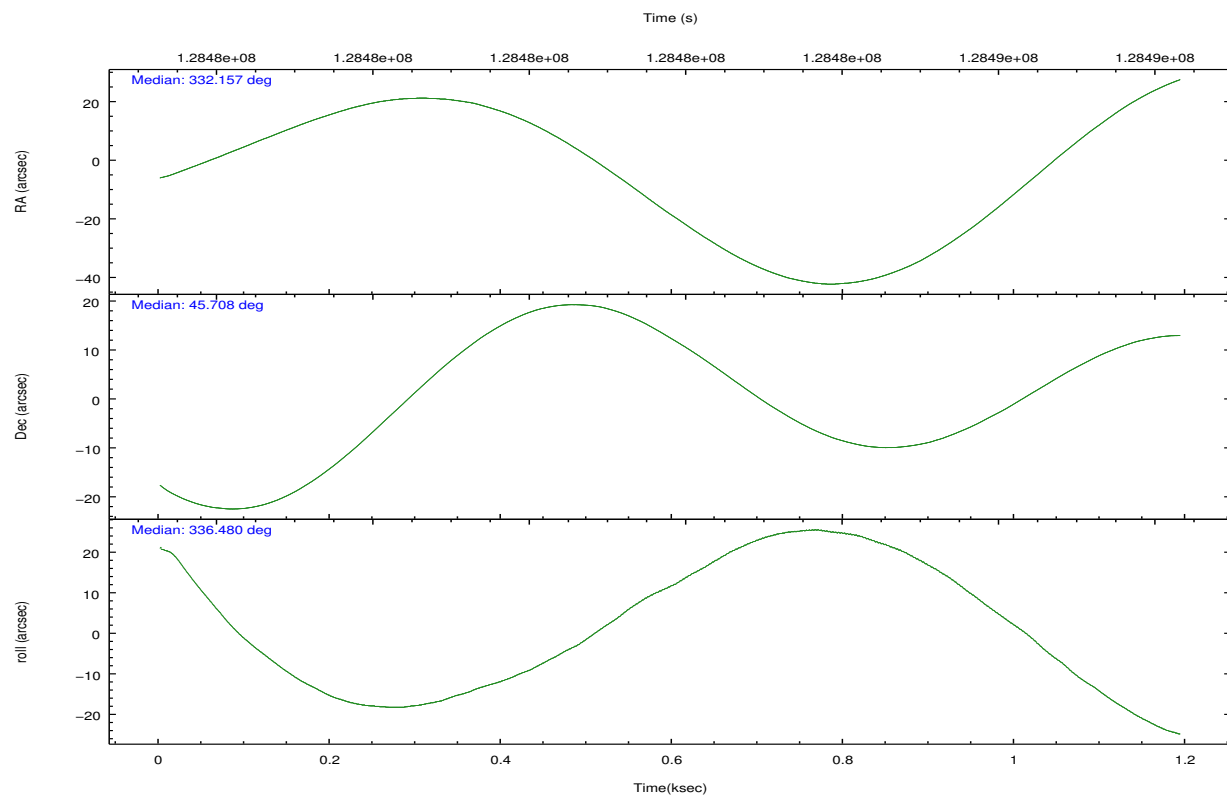
2.2 Compared Parameters

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	332.116699	332.1553937614149
[deg] Pointing Dec	45.705027	45.70820995489341
[deg] Pointing Roll	336.613910	336.4908115979922
[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)	128484379.184000	128484003.6775
Observation start date	2002-01-27T02:05:15	2002-01-27T02:00:03
[s] Observation end time (MET)	128485379.184000	128485513.50256
Observation end date	2002-01-27T02:21:55	2002-01-27T02:25:13

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

2.3 Aspect



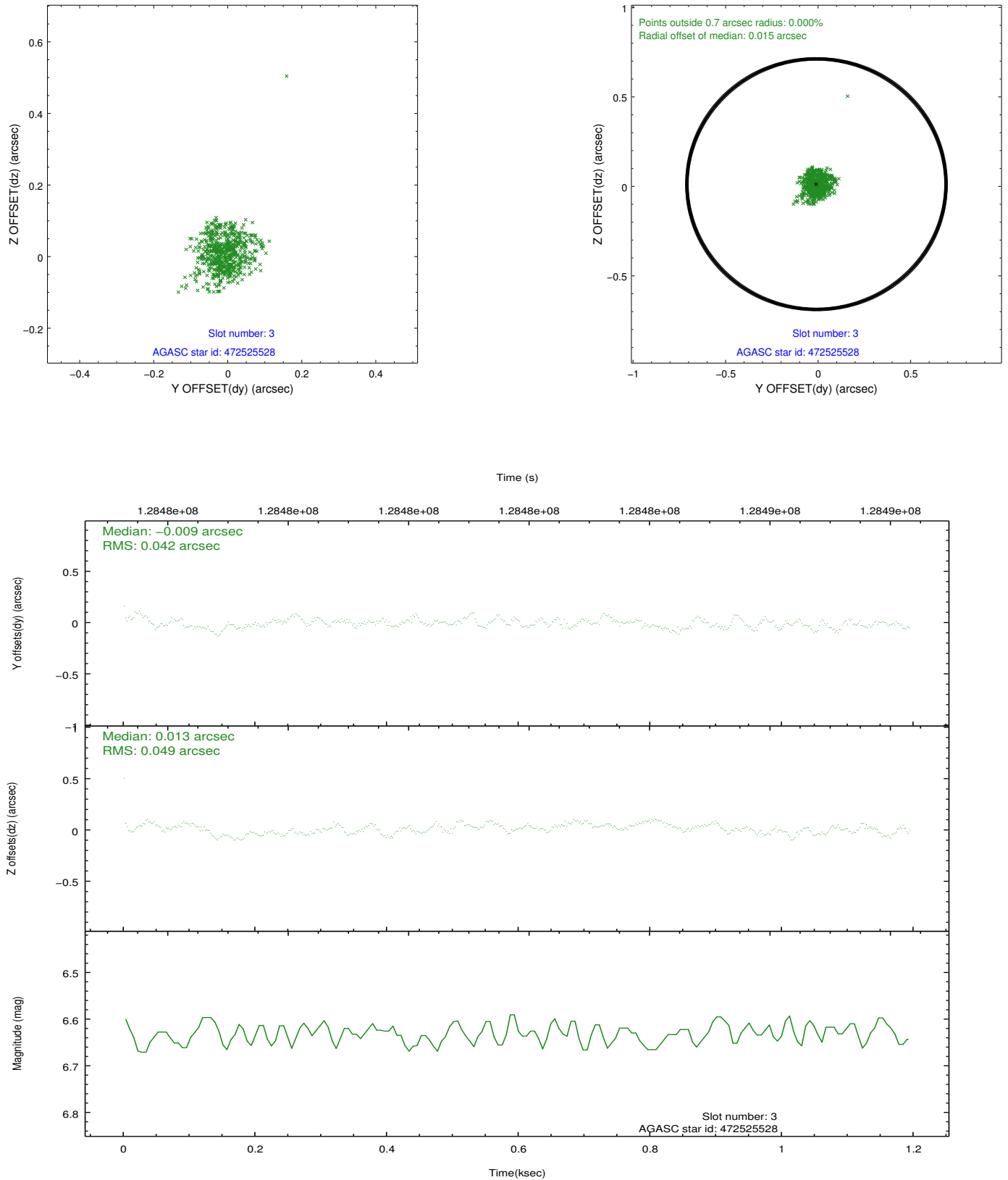


Slot Statistics

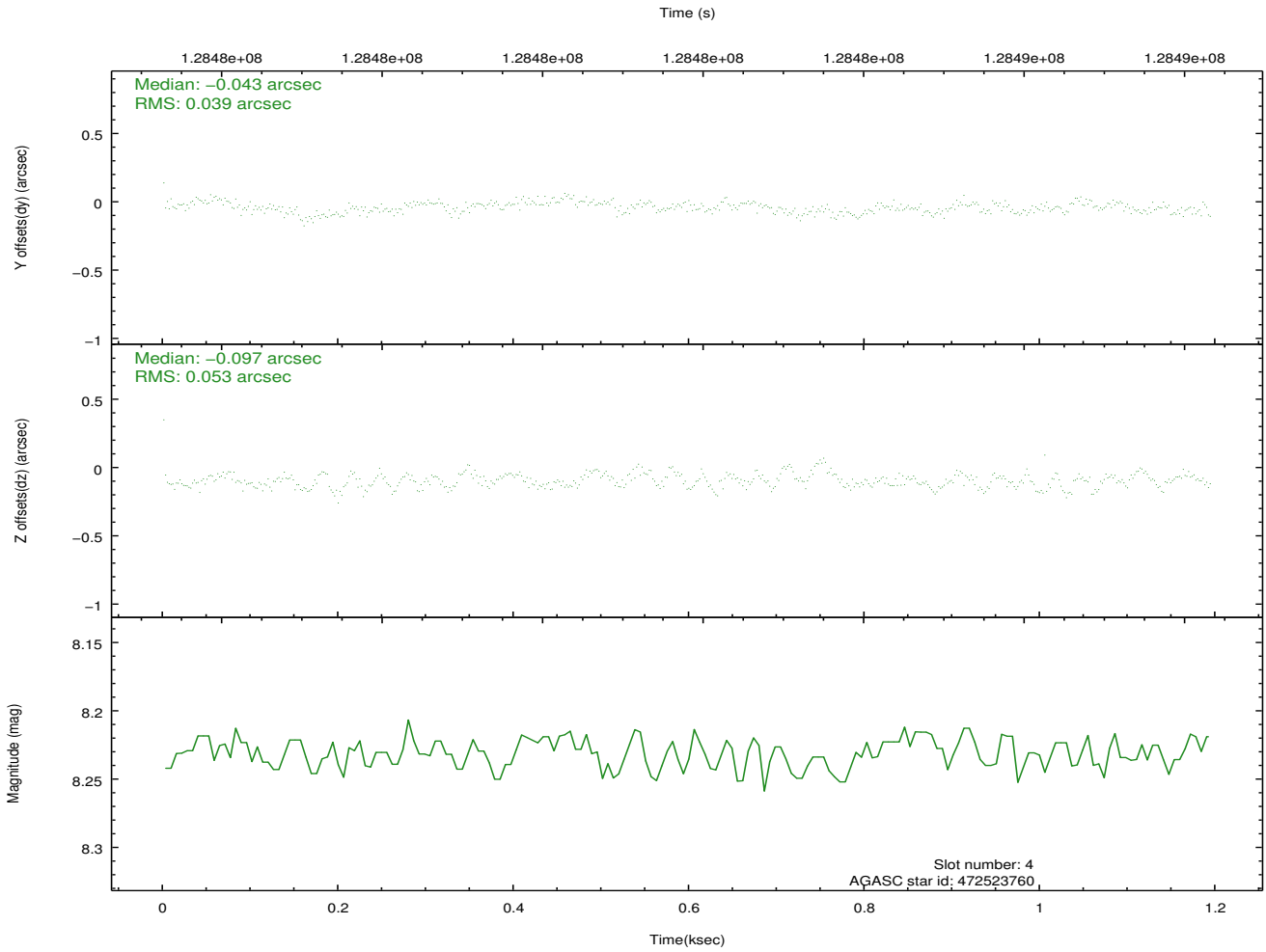
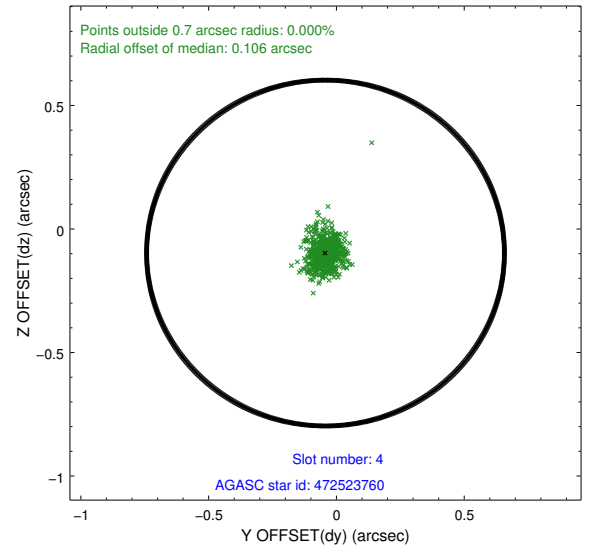
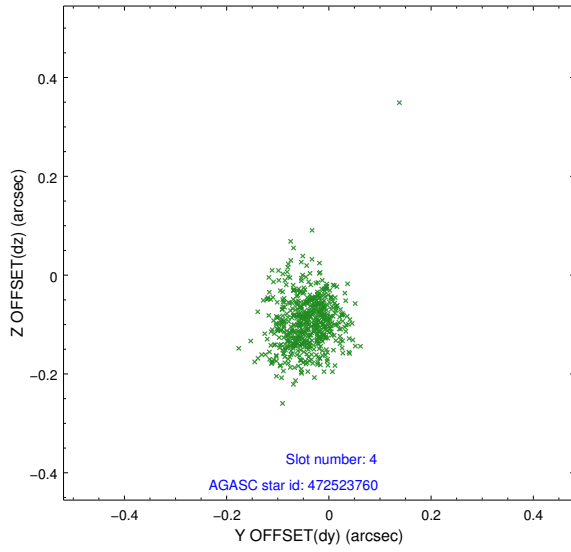
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.00	291	0.075	-0.004	0.006	0.009	0.000000	0.000000	853.66	-1296.30
1	FID	HRC-I-3	7.04	291	0.004	-0.001	0.005	0.009	0.000000	0.000000	-1184.61	1005.36
2	FID	HRC-I-4	6.99	291	0.039	-0.083	0.005	0.008	0.000000	0.000000	1279.70	1010.81
3	GUIDE	472525528	6.63	583	-0.009	0.013	0.066	0.102	331.551102	45.248694	-666.52	-2071.59
4	GUIDE	472523760	8.23	583	-0.043	-0.097	0.067	0.110	331.645363	45.403260	-665.79	-1469.84
5	GUIDE	472665256	9.02	583	-0.067	-0.036	0.109	0.162	332.808125	46.195041	875.53	2308.23
6	GUIDE	472659832	9.47	583	0.107	0.101	0.123	0.245	332.780399	46.098139	956.35	1967.87
7	GUIDE	472654568	9.43	578	0.006	0.015	0.104	0.162	332.194449	45.063576	1098.86	-2036.51

2.4 Star Slots

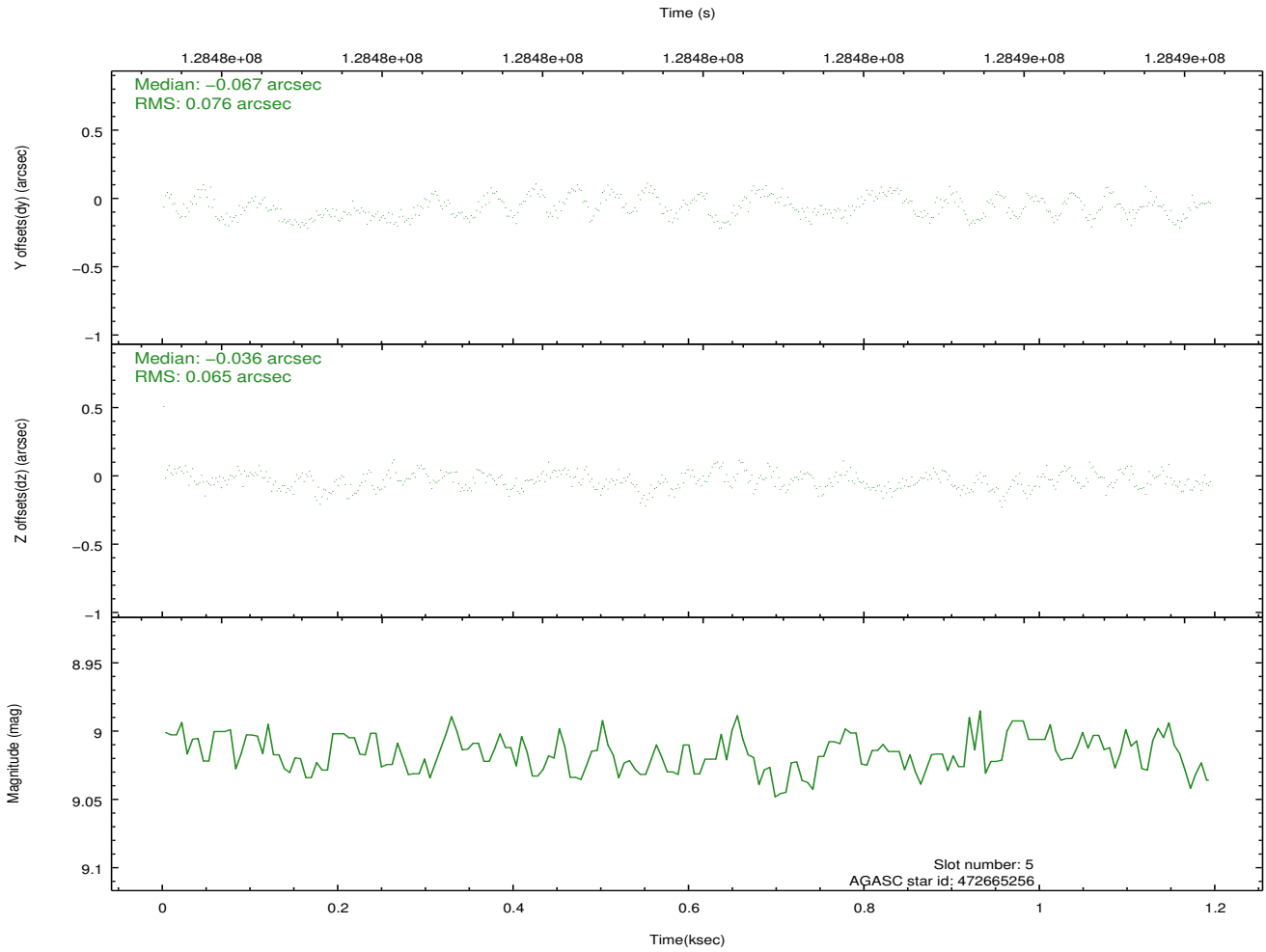
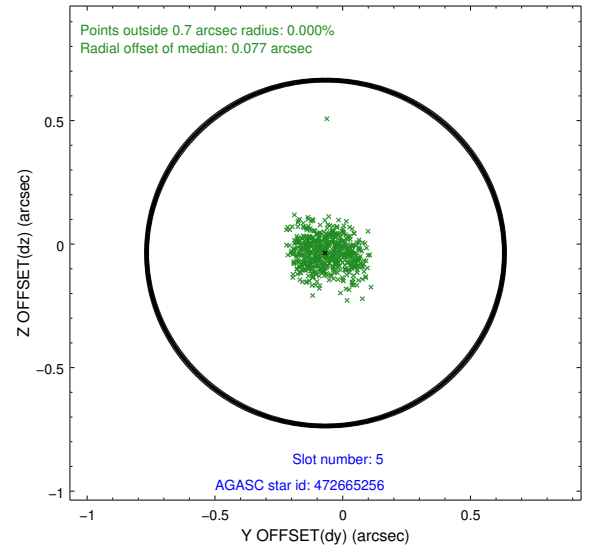
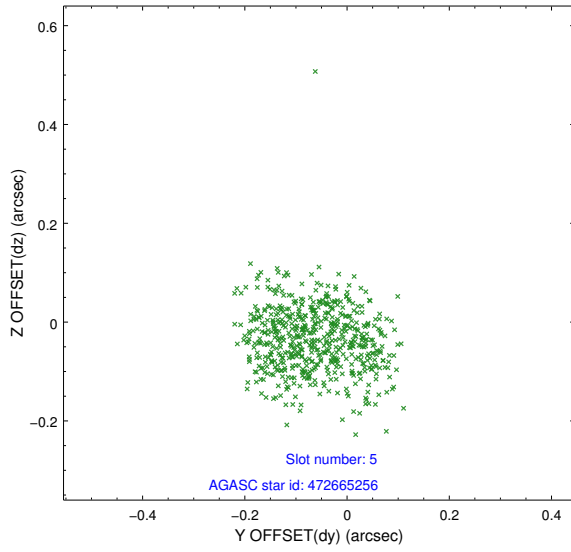
2.4.1 Slot 3



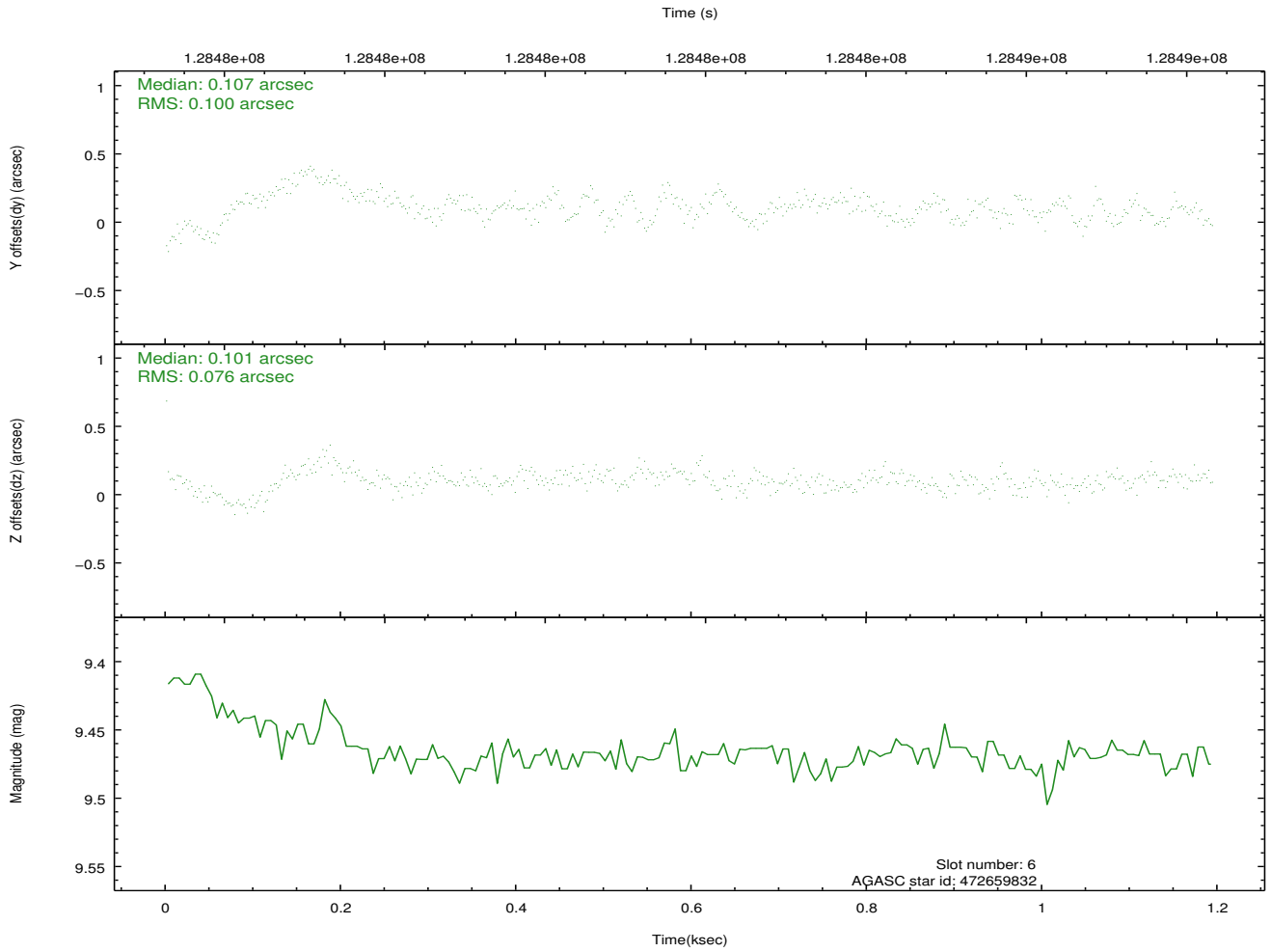
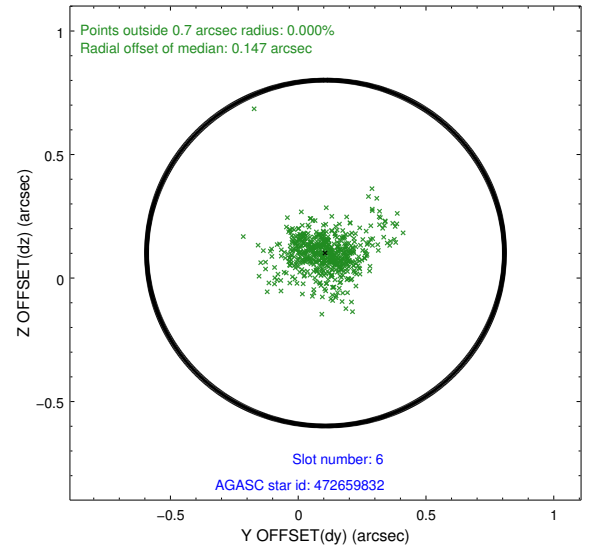
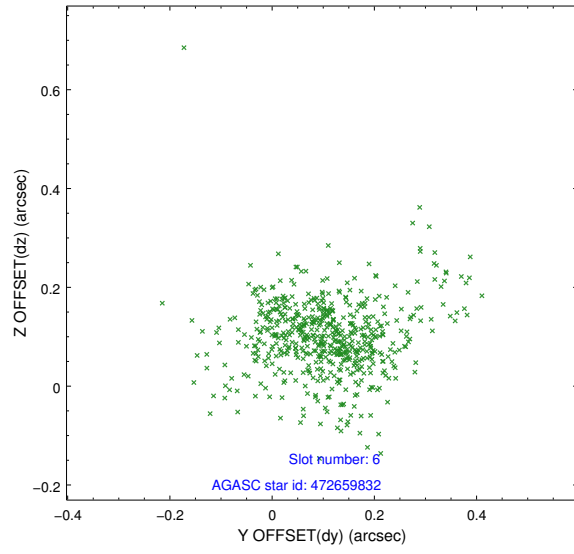
2.4.2 Slot 4



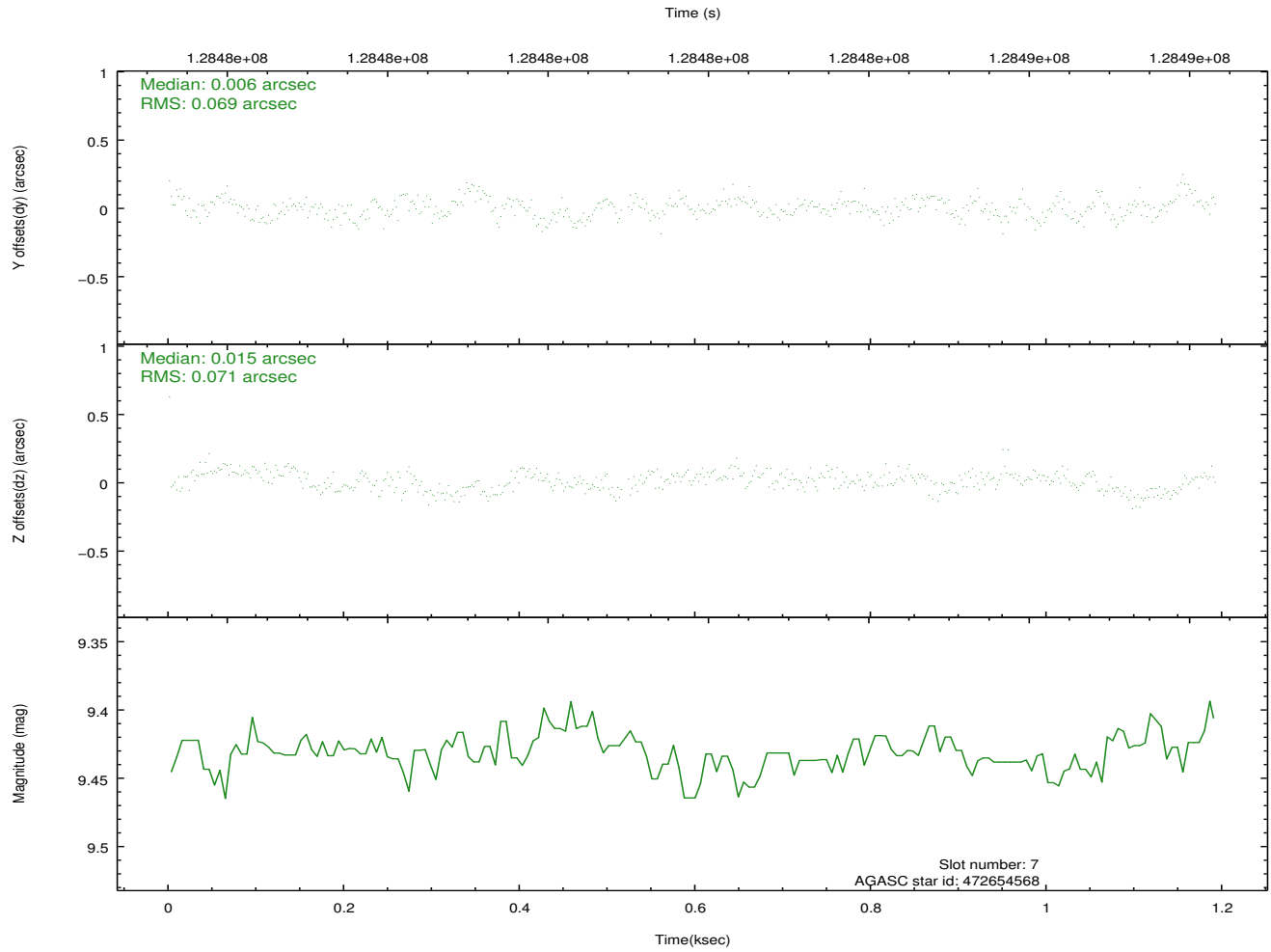
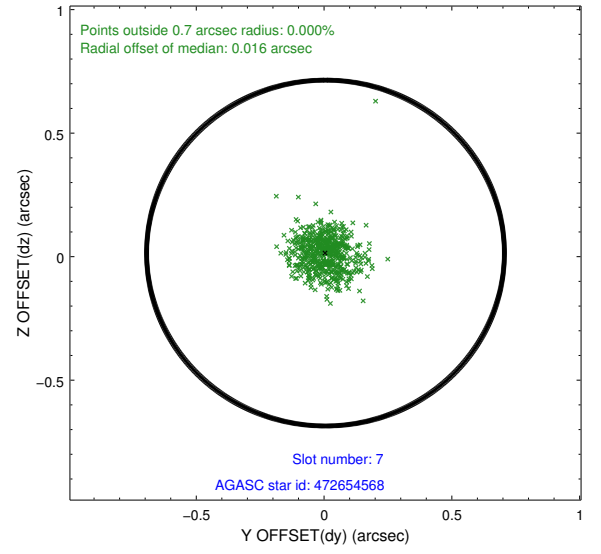
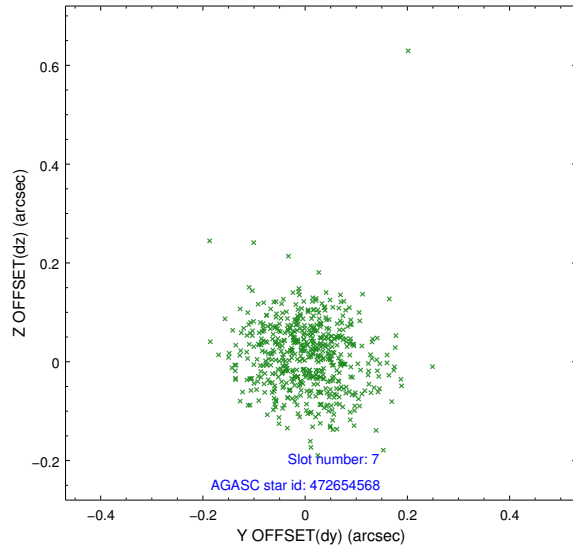
2.4.3 Slot 5



2.4.4 Slot 6

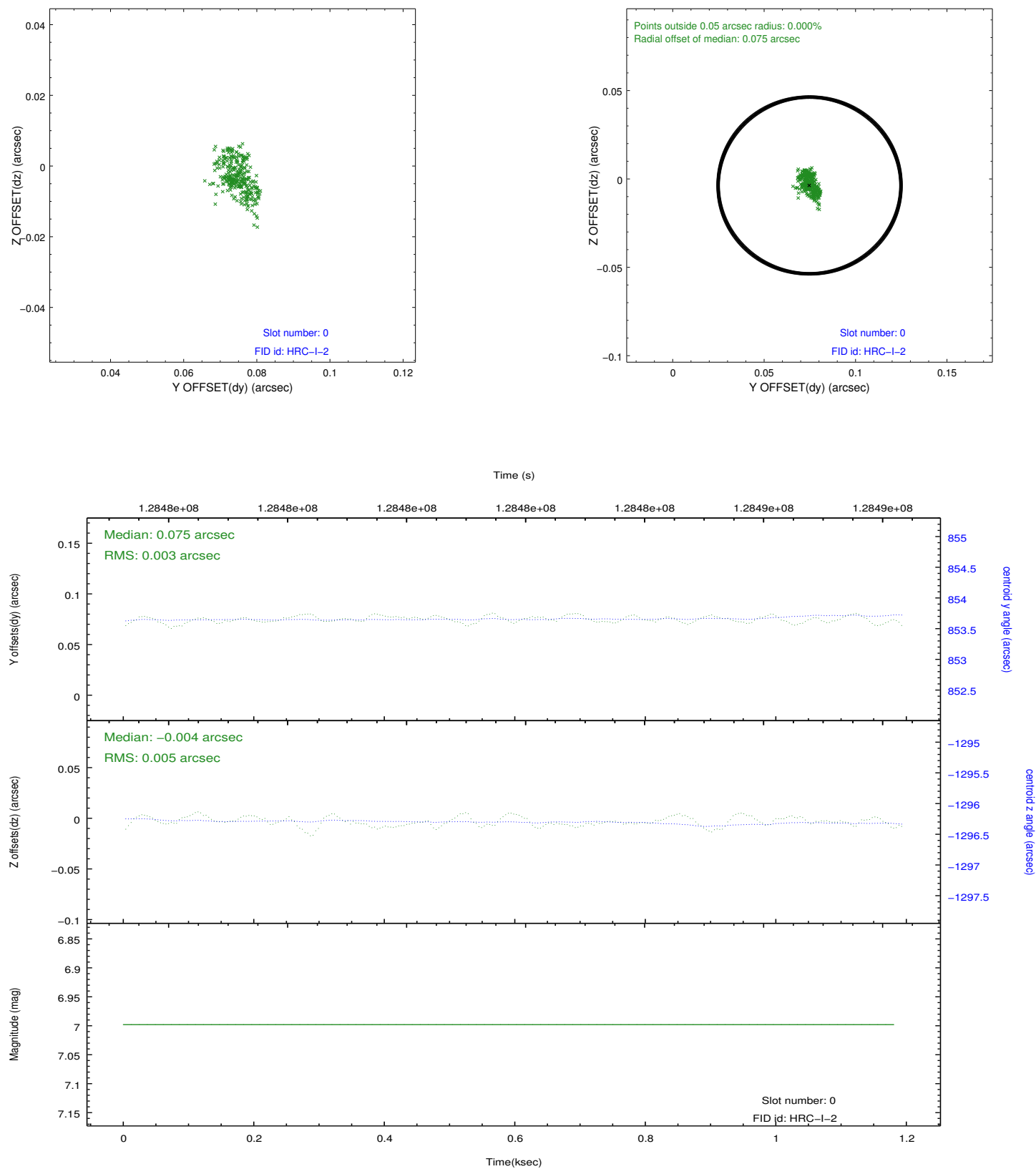


2.4.5 Slot 7

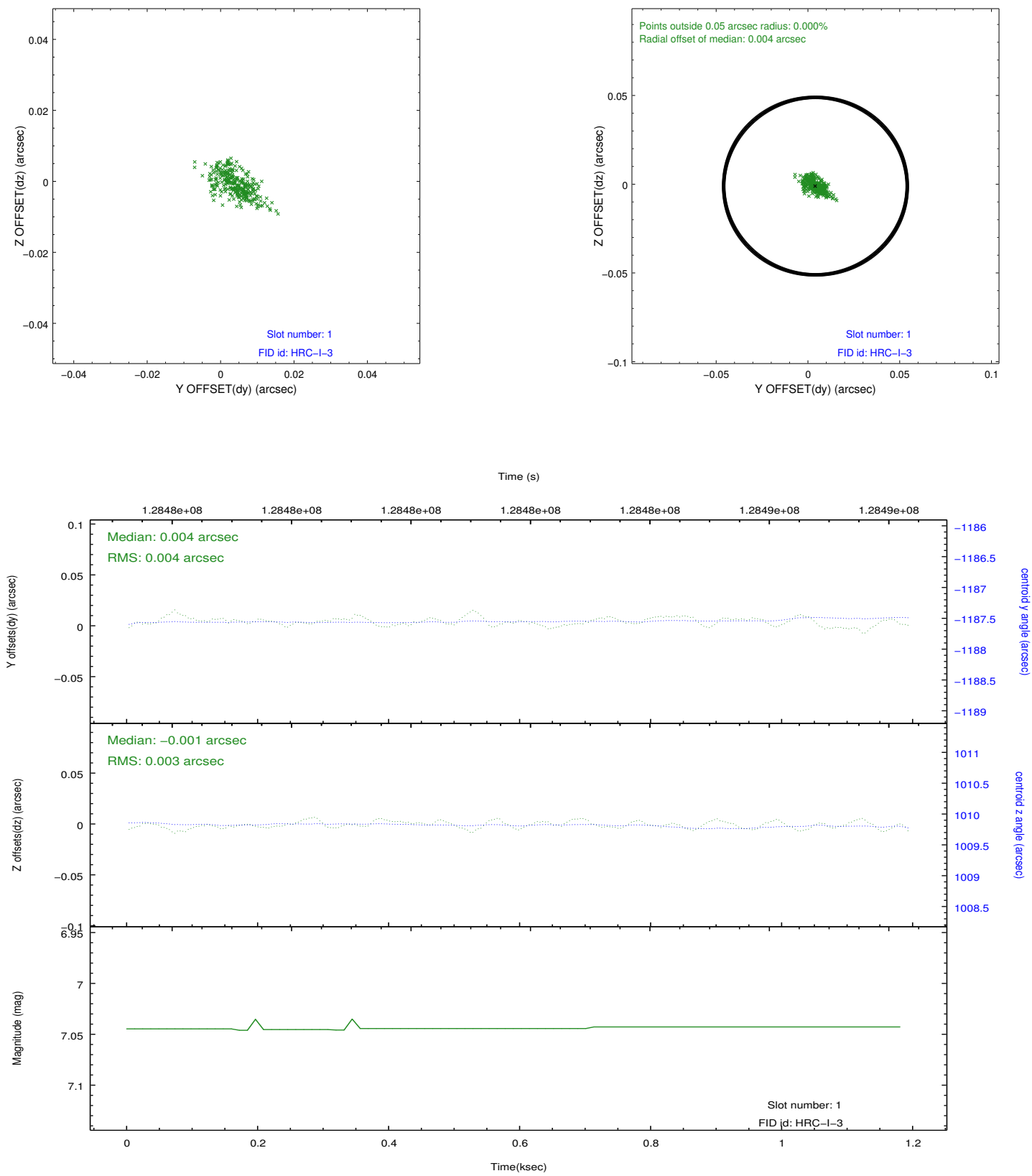


2.5 FID Slots

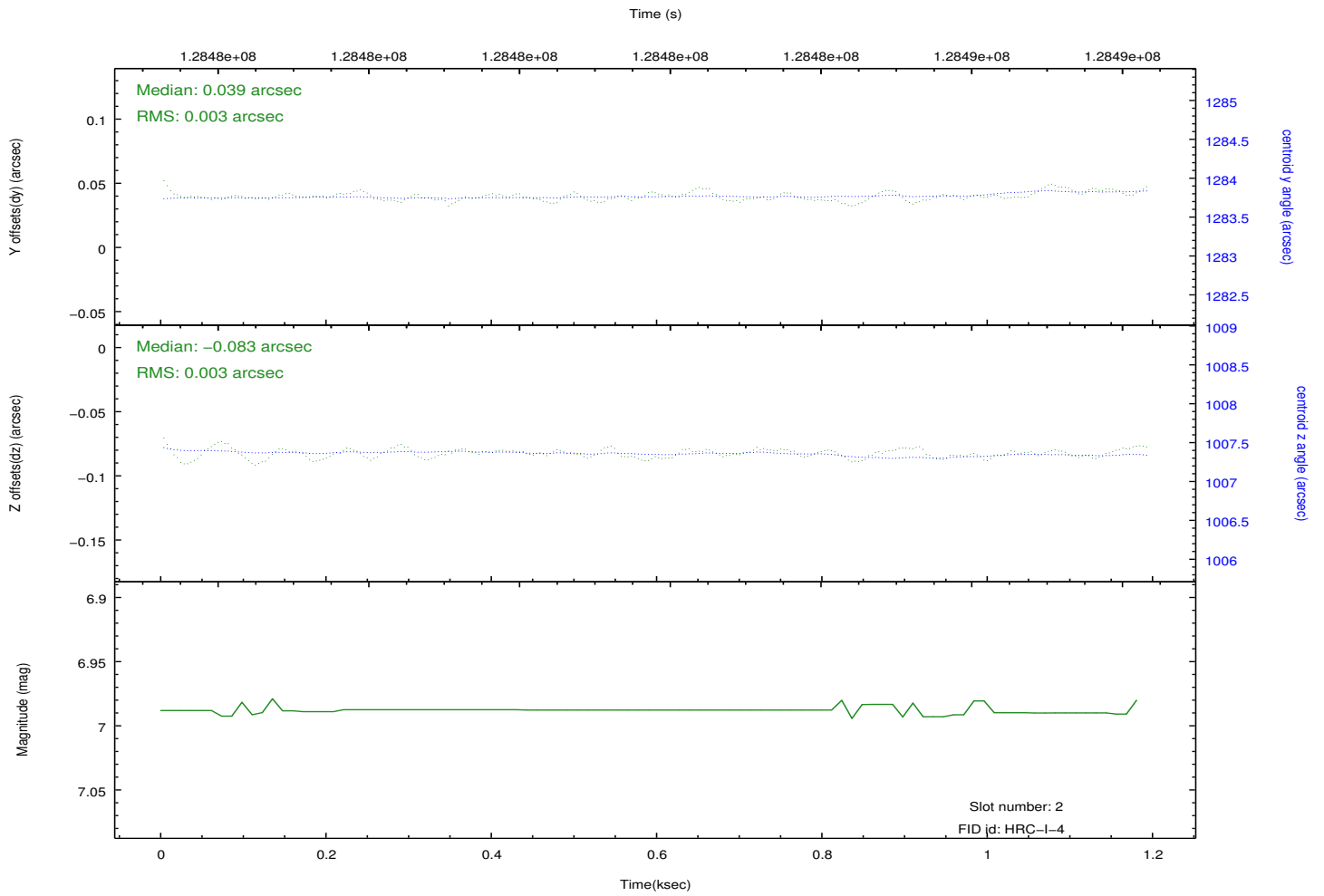
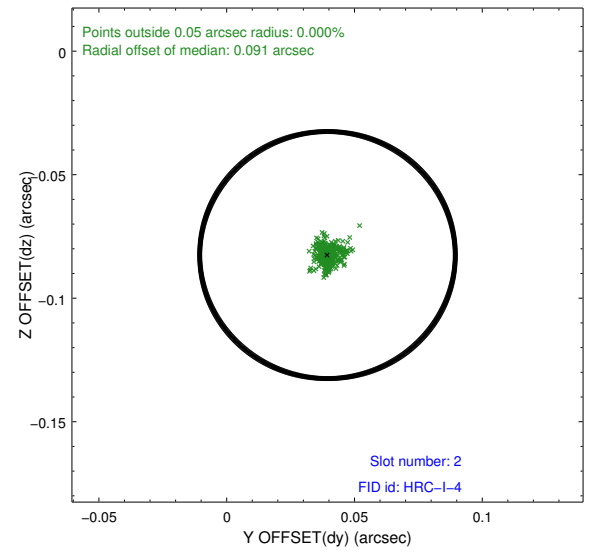
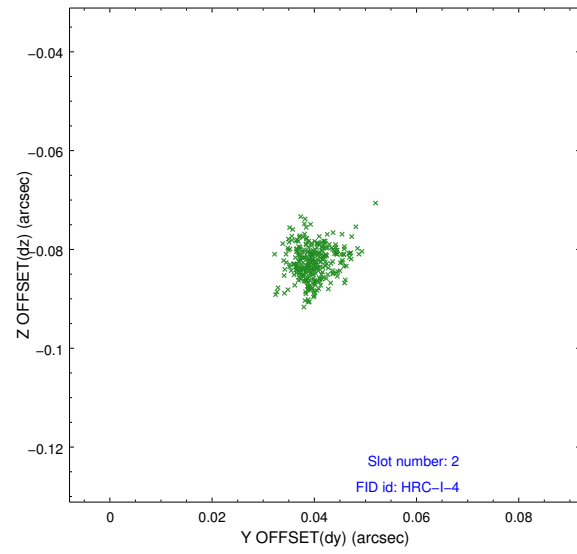
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.192

A.2 Comments