

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2355 - L2 Version 5
Chandra X-Ray Center

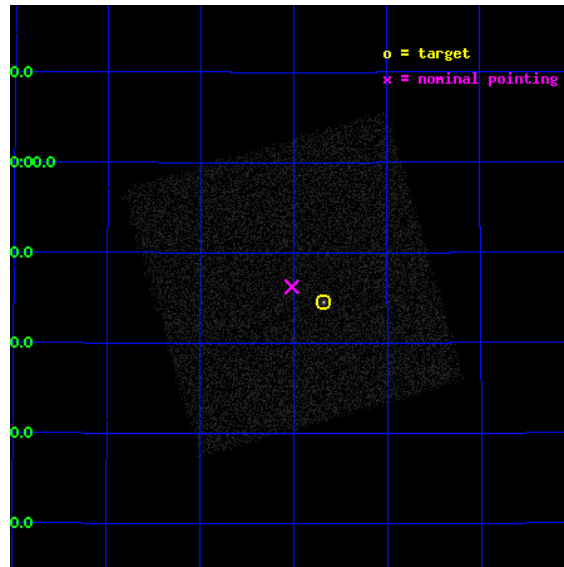
L2 Processing Date : Sep 4 2012

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1 Front

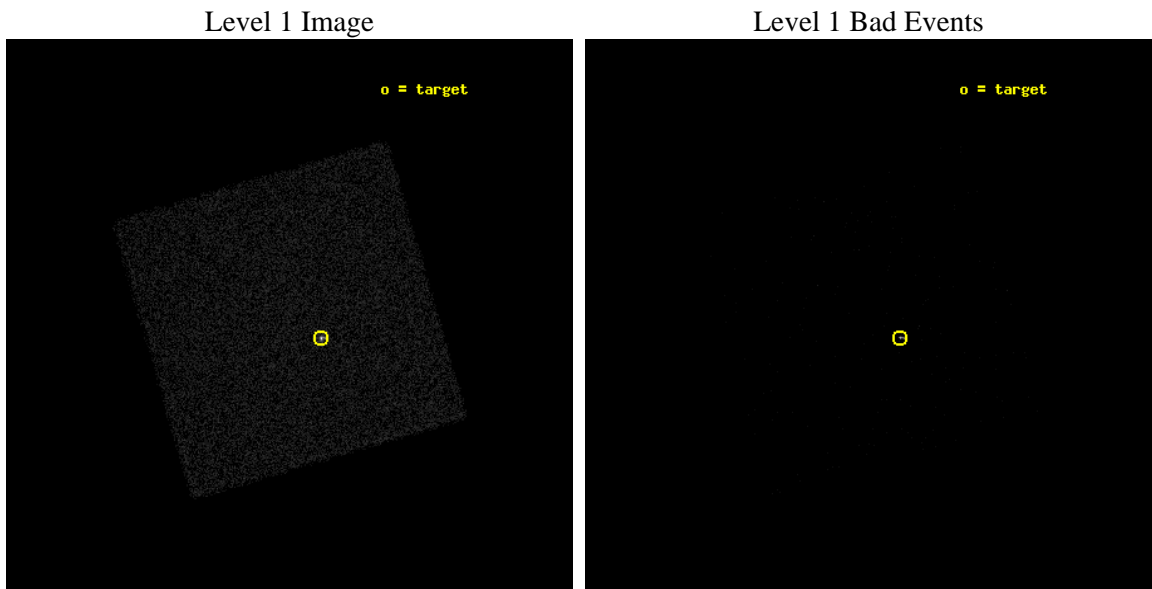
seq_num	290102	Sequence number
obs_id	2355	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC,HRC-I,AO2A	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.25517242589	Nominal RA [deg]
dec_nom	45.770763869501	Nominal Dec [deg]
roll_nom	298.6662250336	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1194.3812956661	[s]
livetime	1188.4759997944	Ontime multiplied by DTCOR
l2events	34564	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	1194.3812956661	[s]
caldbver	4.5.1.1	 	l1events	60981	Number of level 1 events
date	2012-09-04T06:14:29	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

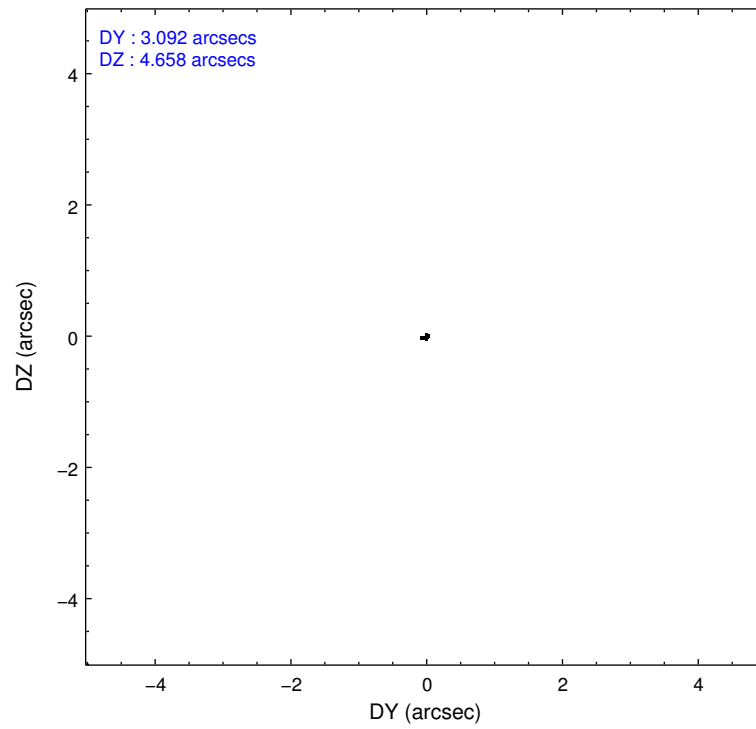
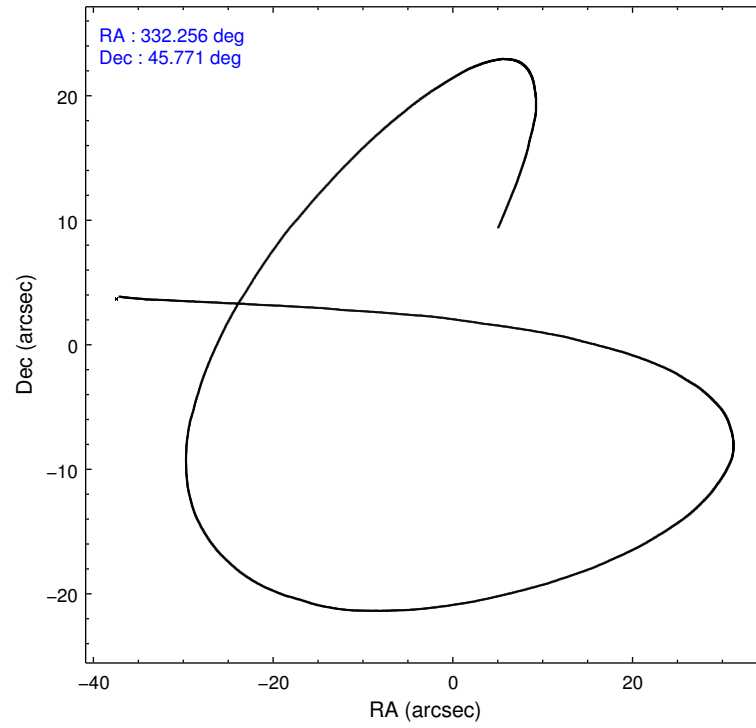
	segment 0
level 1 events	60981
rejected events	12705
rejected %	20%

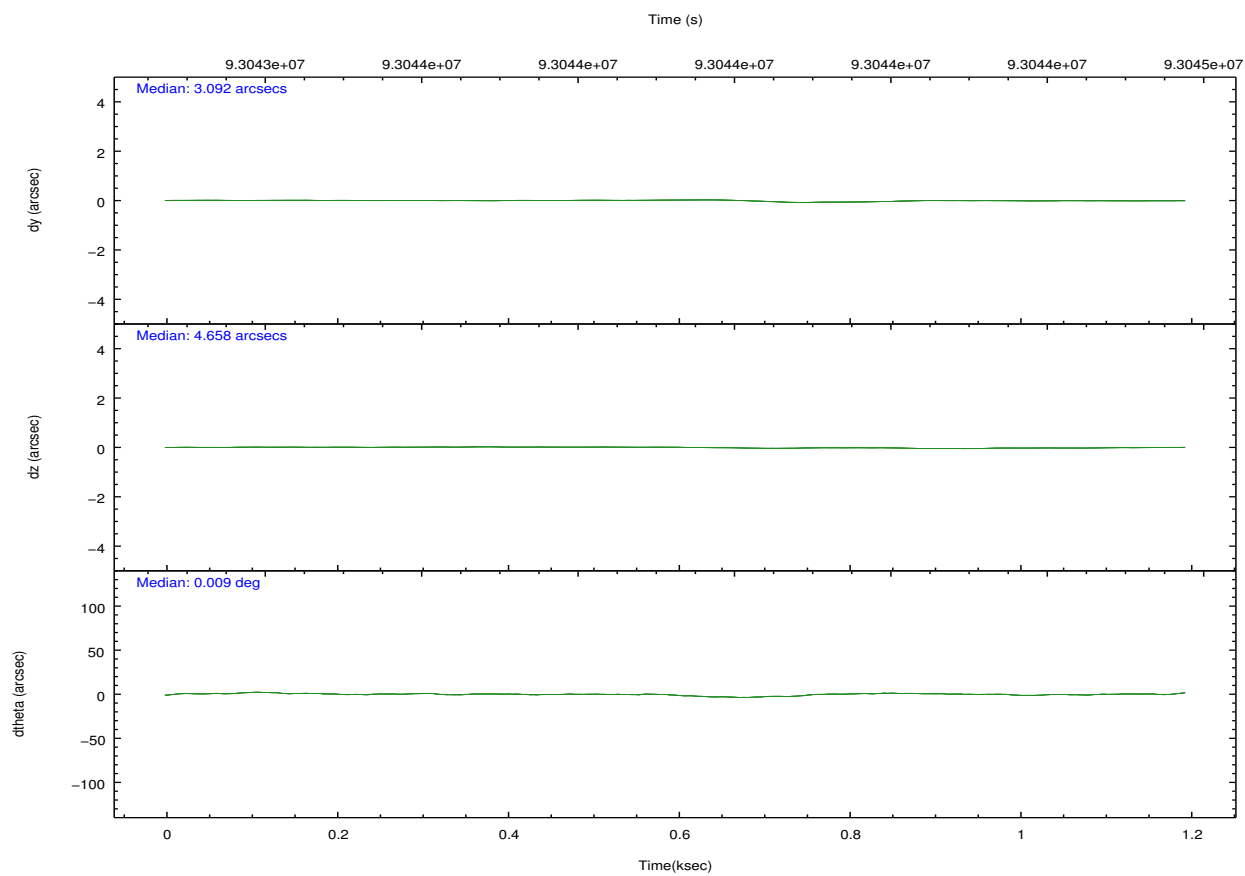
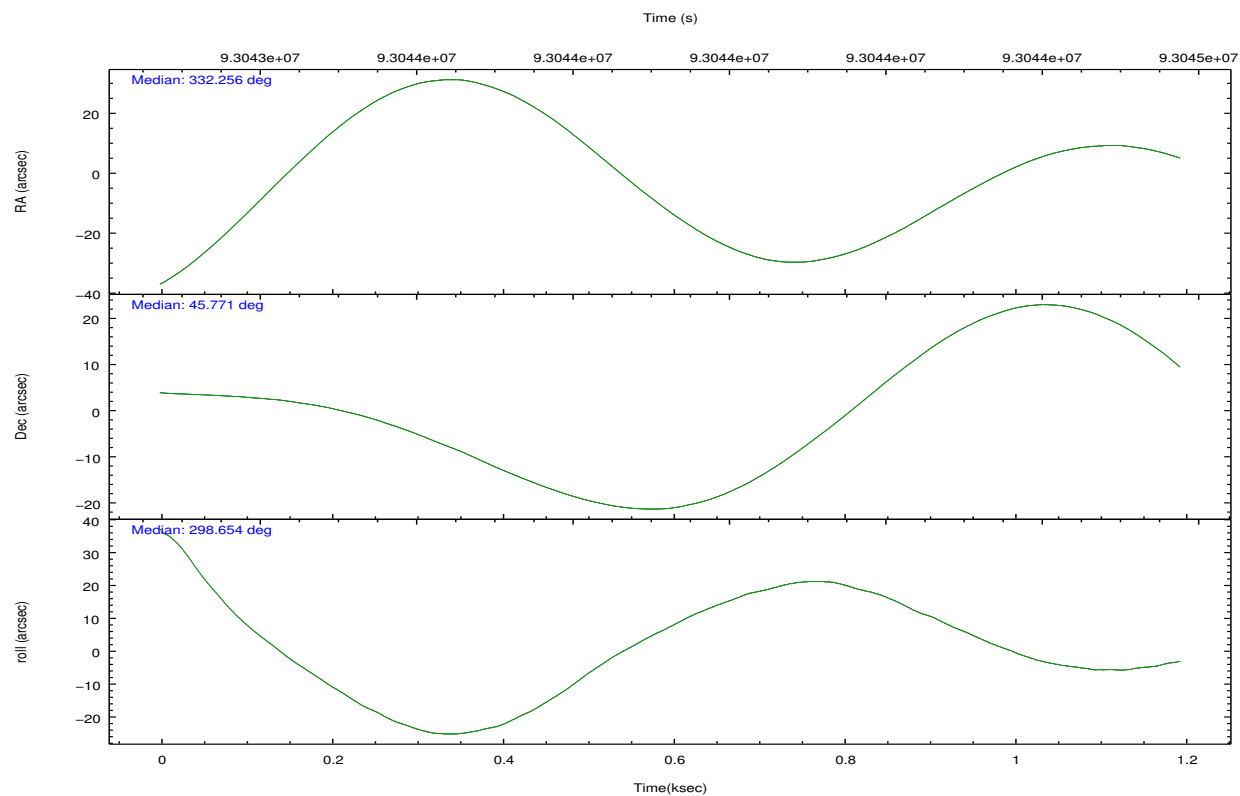
2.2 Compared Parameters

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	332.220711	332.2551724258921
[deg] Pointing Dec	45.783819	45.77076386950147
[deg] Pointing Roll	298.786411	298.6662250336049
[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)	93043521.184000	93043145.138089
Observation start date	2000-12-12T21:24:17	2000-12-12T21:19:05
[s] Observation end time (MET)	93044521.184000	93044654.963146
Observation end date	2000-12-12T21:40:57	2000-12-12T21:44:14

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

2.3 Aspect



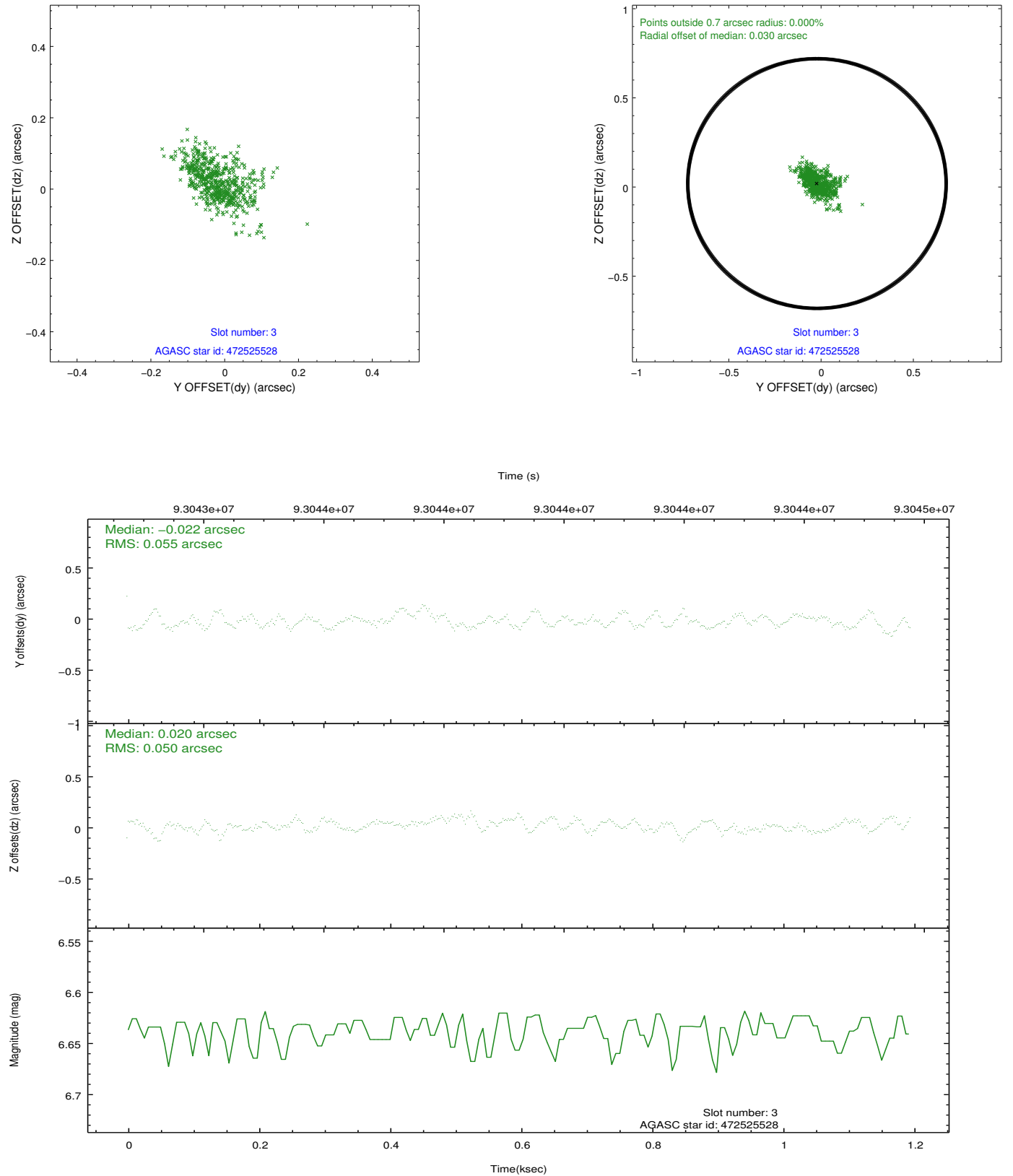


Slot Statistics

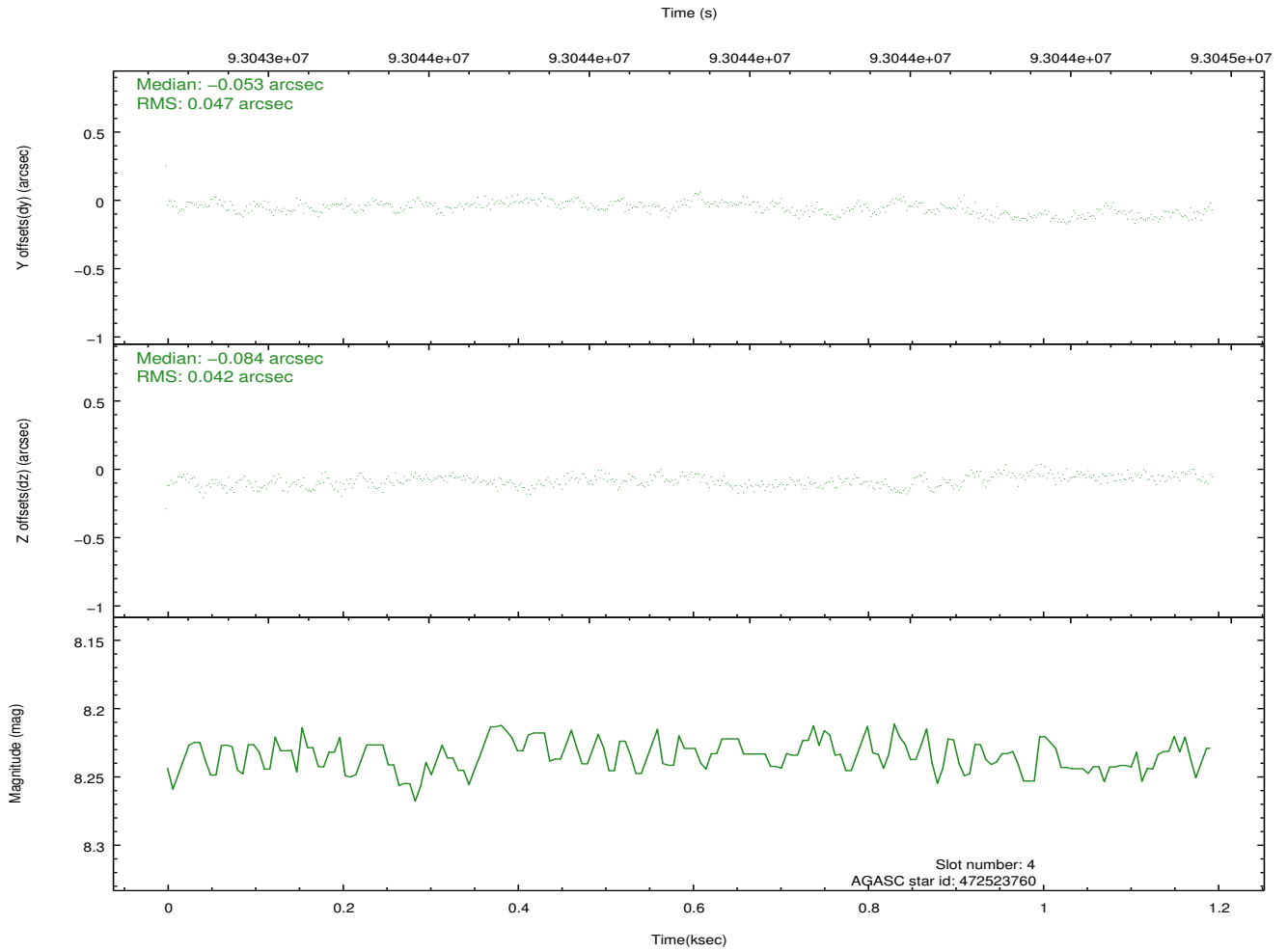
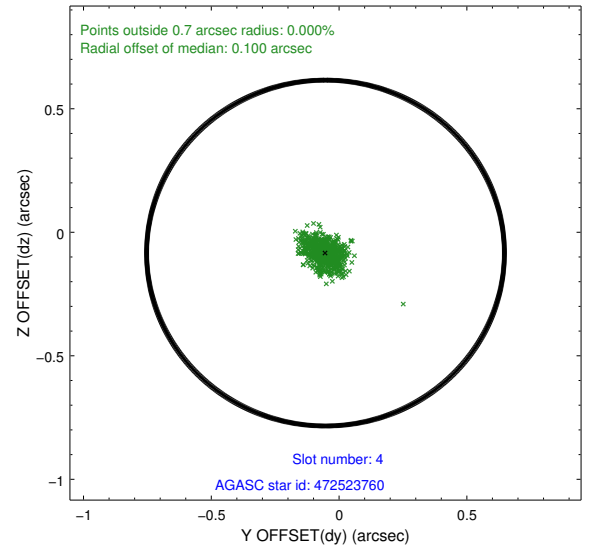
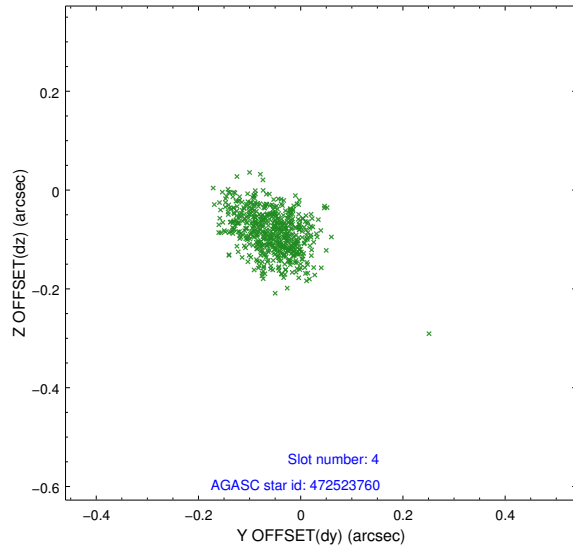
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	292	0.047	0.065	0.009	0.024	0.000000	0.000000	-758.53	-1292.41
1	FID	HRC-I-3	7.05	292	0.031	-0.100	0.011	0.023	0.000000	0.000000	-1189.61	1007.57
2	FID	HRC-I-4	6.99	292	0.036	-0.055	0.010	0.031	0.000000	0.000000	1280.20	1013.08
3	GUIDE	472525528	6.64	584	-0.022	0.020	0.076	0.132	331.551102	45.248694	866.76	-2415.24
4	GUIDE	472523760	8.23	584	-0.053	-0.084	0.067	0.108	331.645363	45.403260	499.01	-1939.63
5	GUIDE	472665256	9.01	584	-0.072	-0.047	0.074	0.122	332.808125	46.195041	-595.59	1991.15
6	GUIDE	472659832	9.46	584	0.056	0.093	0.095	0.149	332.780399	46.098139	-323.20	1771.44
7	GUIDE	472654568	9.44	583	0.106	0.005	0.127	0.304	332.194449	45.063576	2241.44	-1307.40

2.4 Star Slots

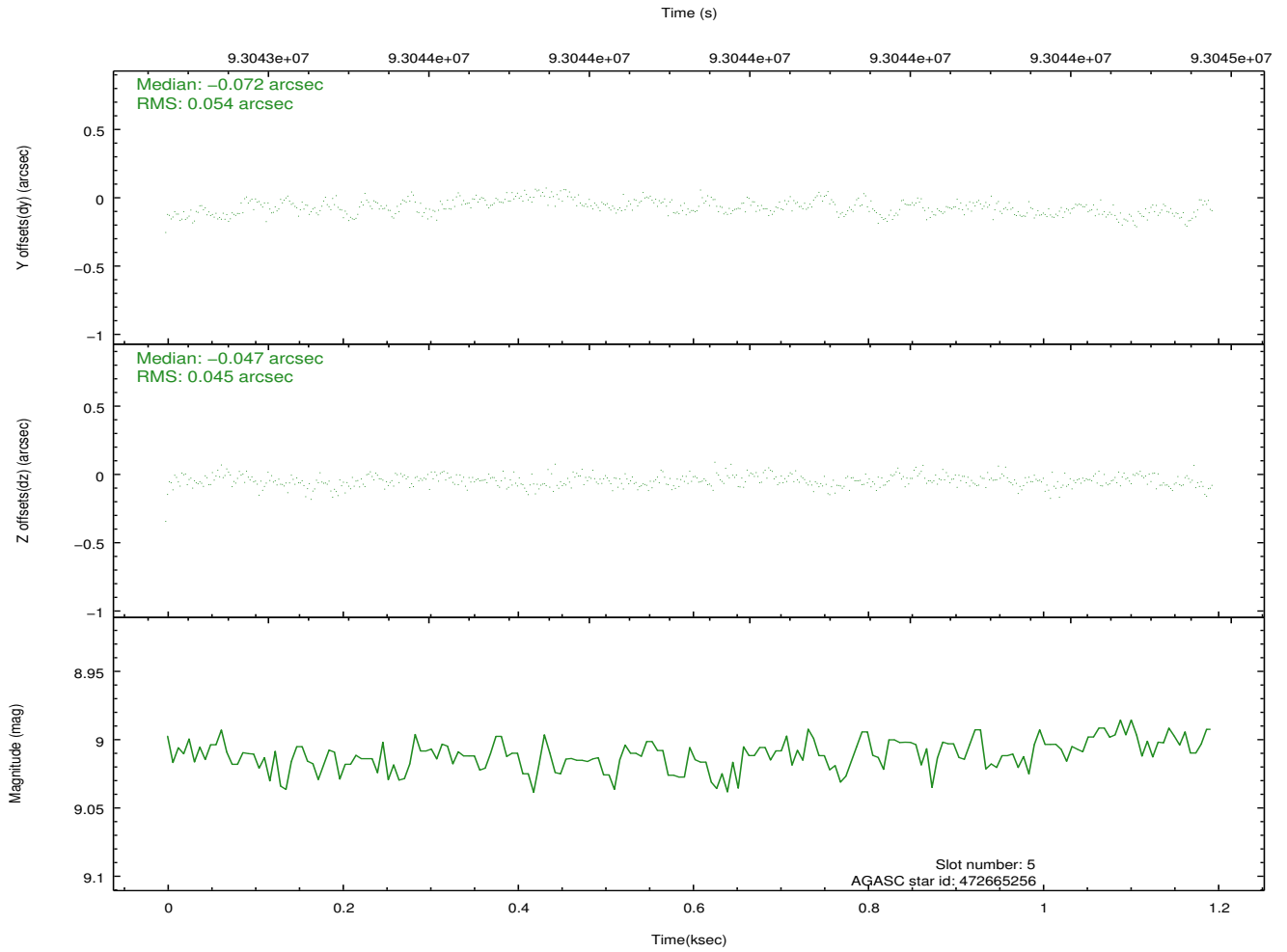
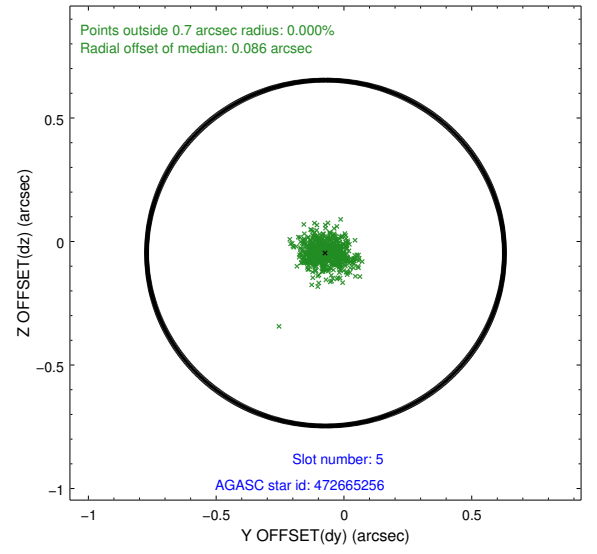
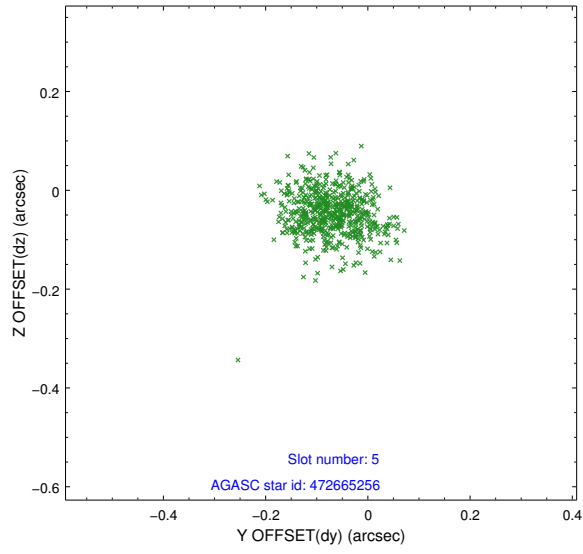
2.4.1 Slot 3



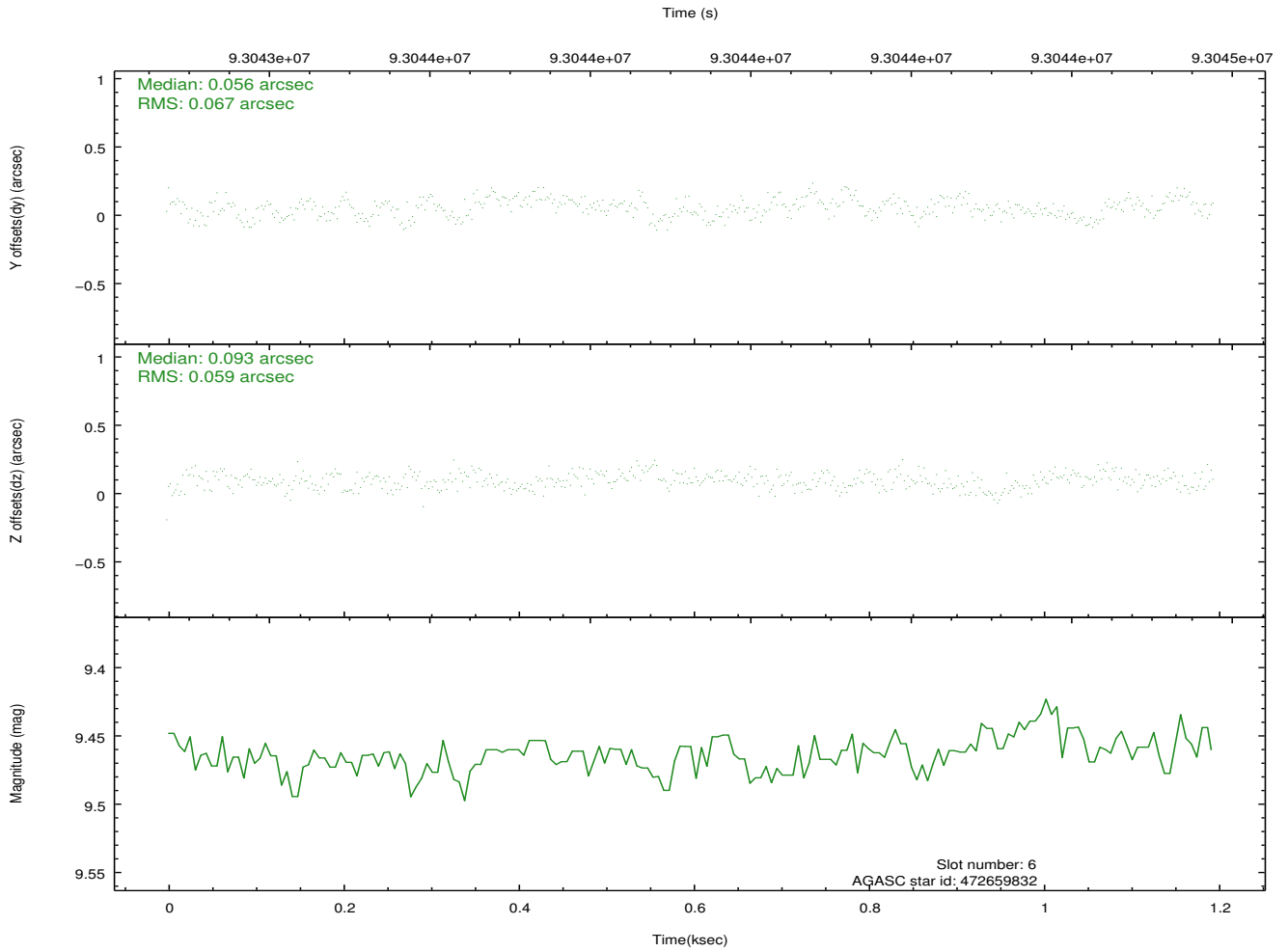
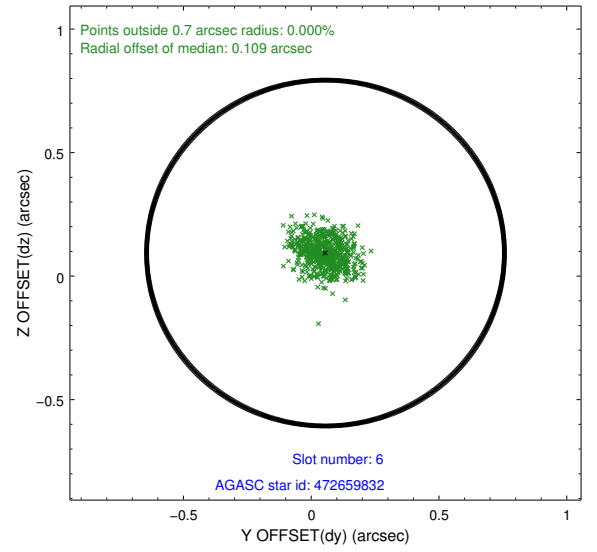
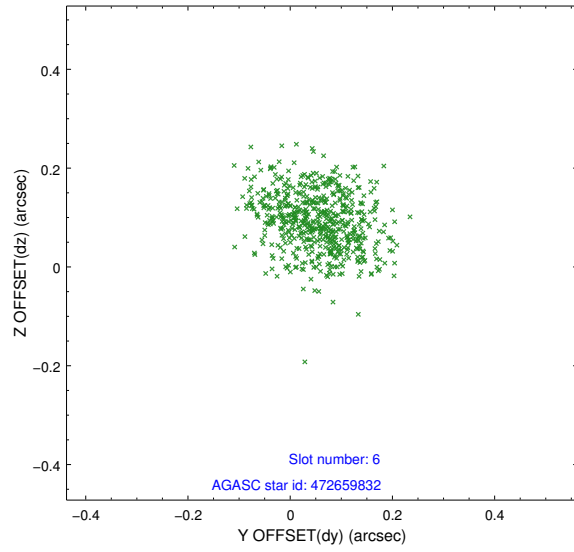
2.4.2 Slot 4



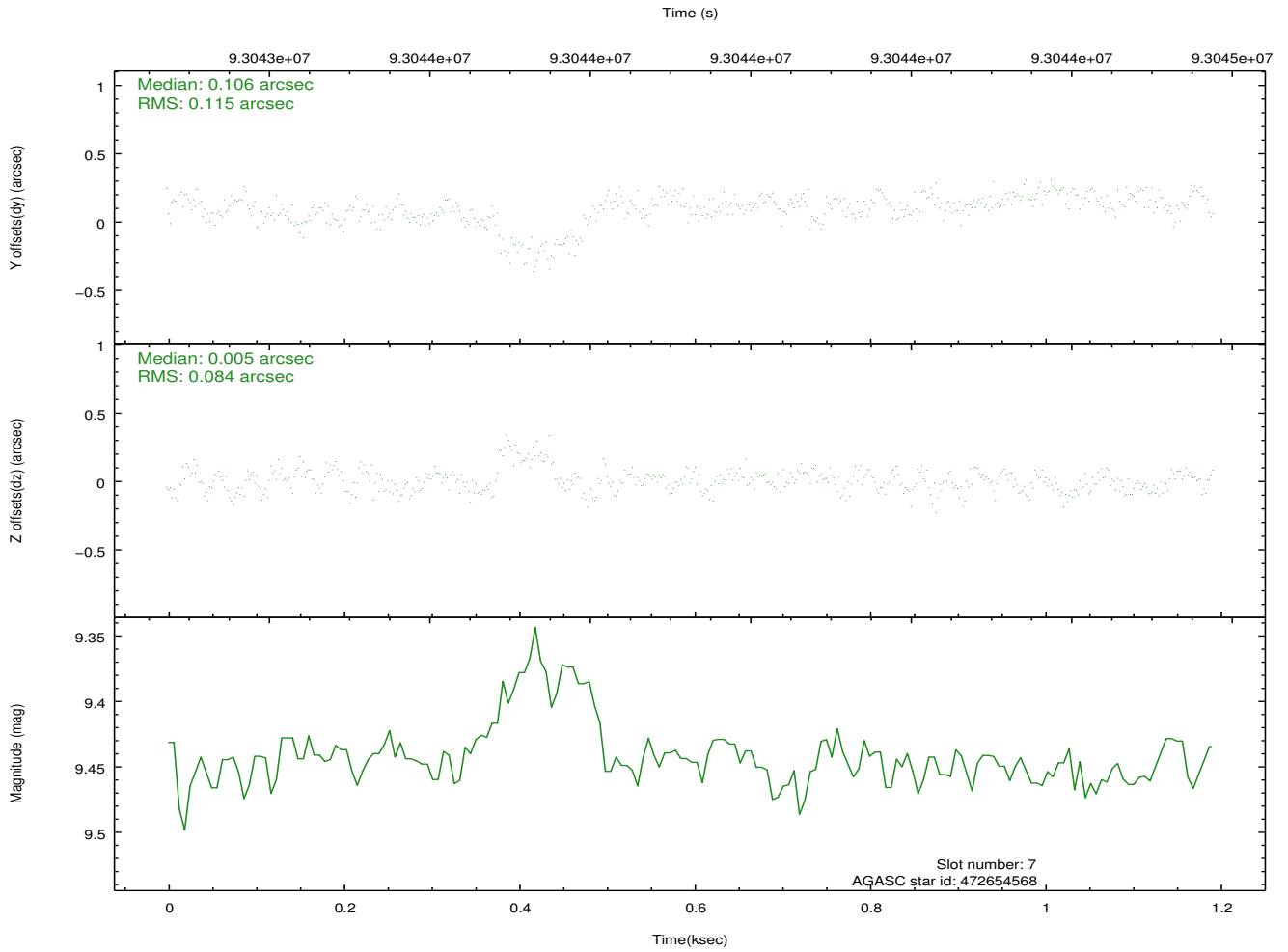
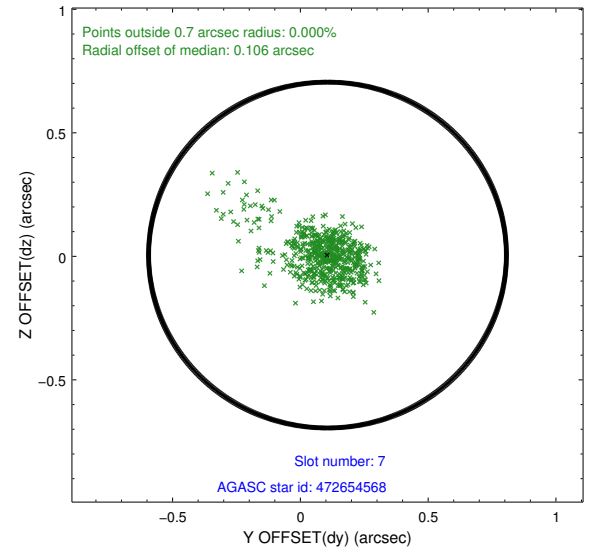
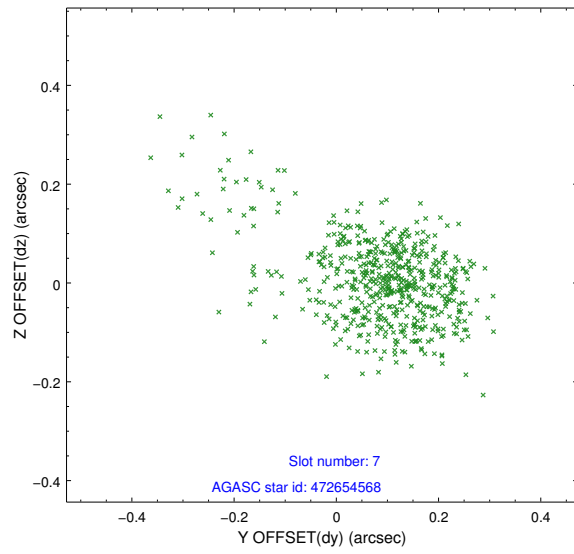
2.4.3 Slot 5



2.4.4 Slot 6

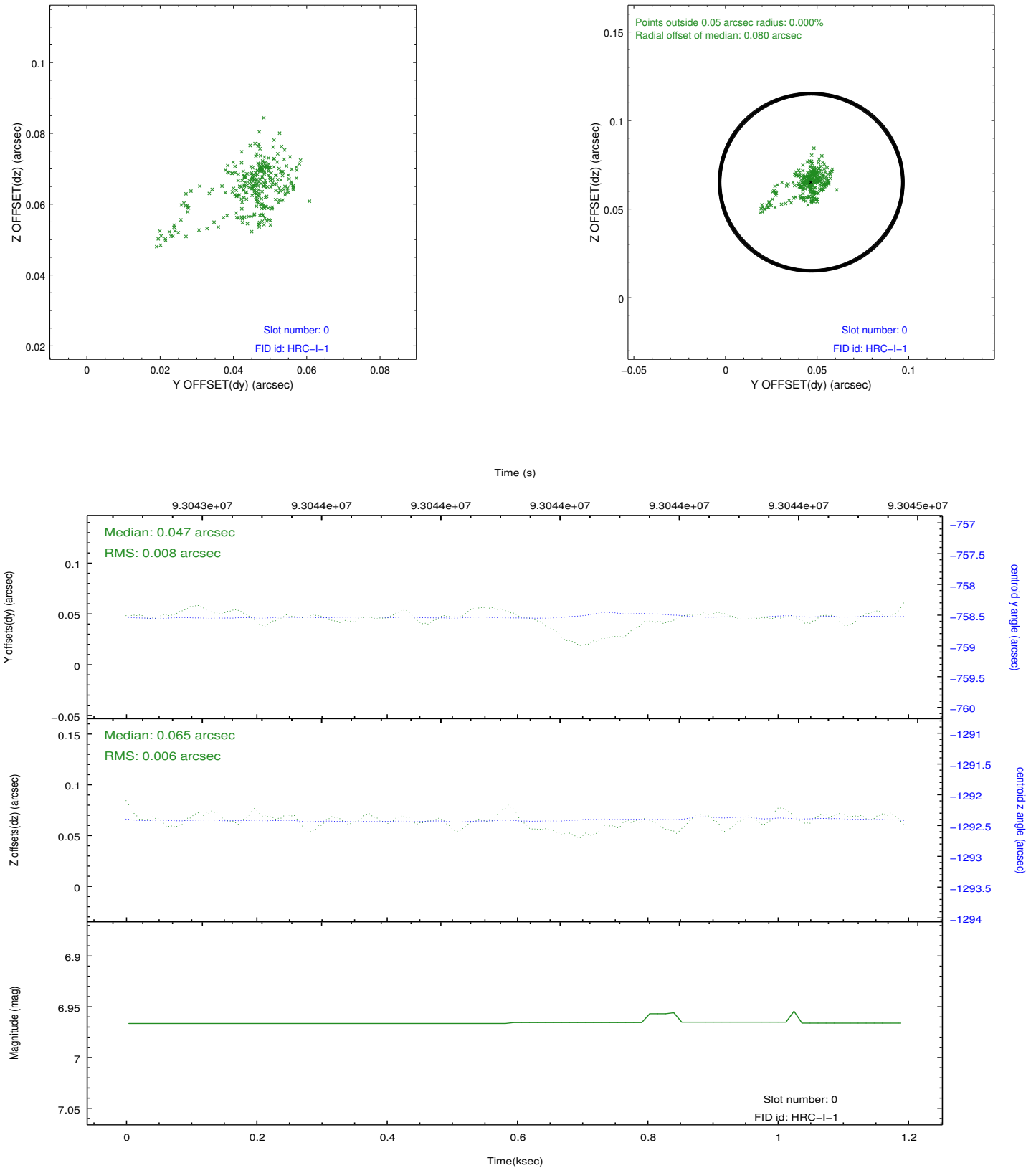


2.4.5 Slot 7

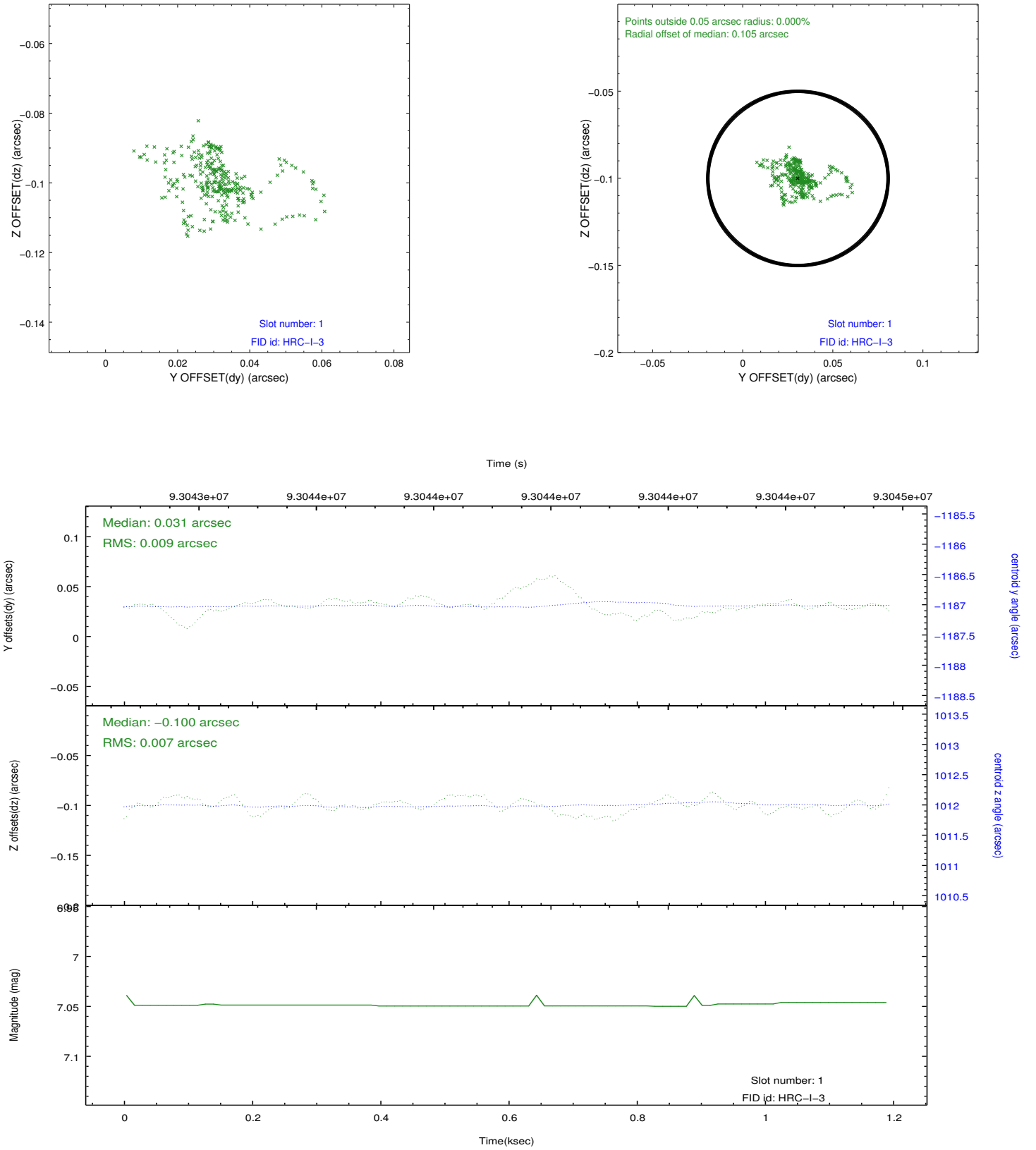


2.5 FID Slots

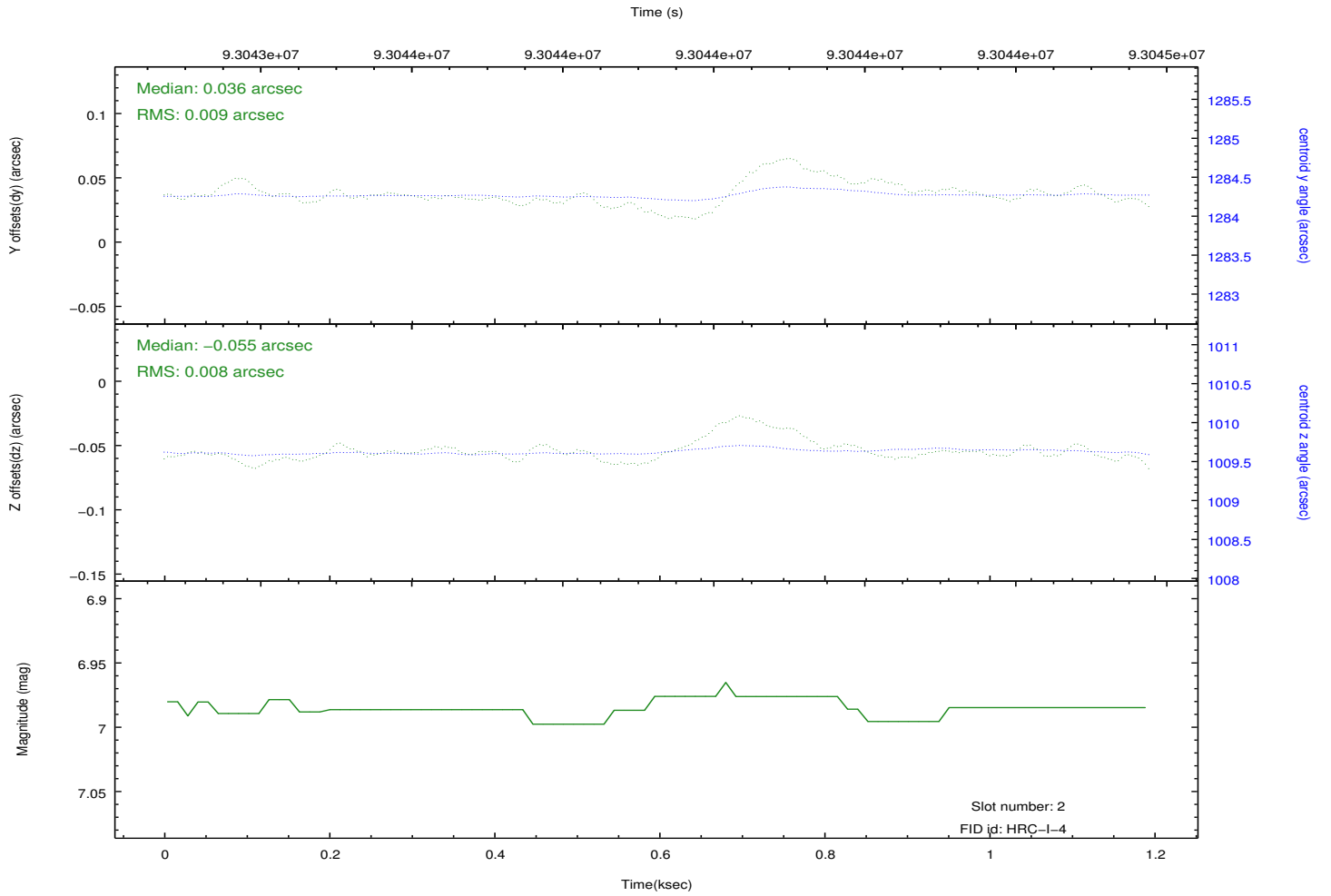
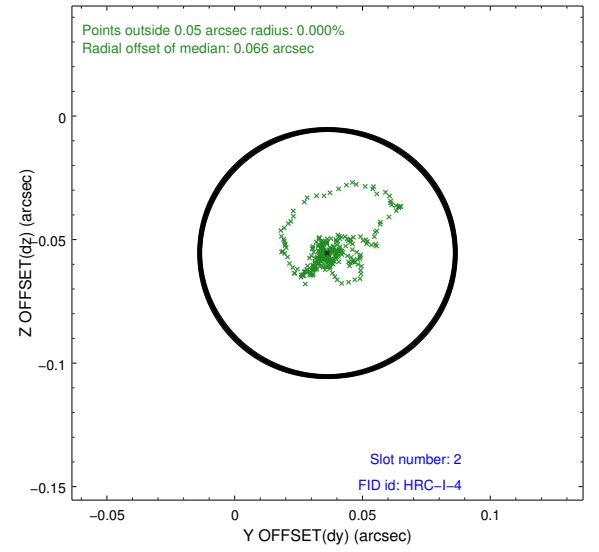
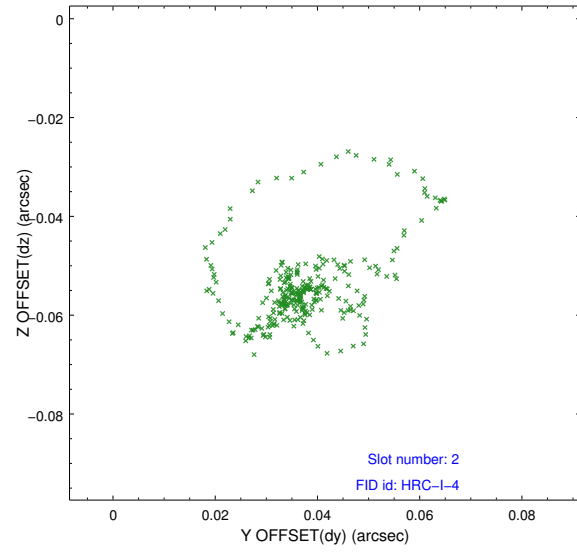
2.5.1 Slot 0



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)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.194

A.2 Comments