

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11900 - L2 Version 2
Chandra X-Ray Center

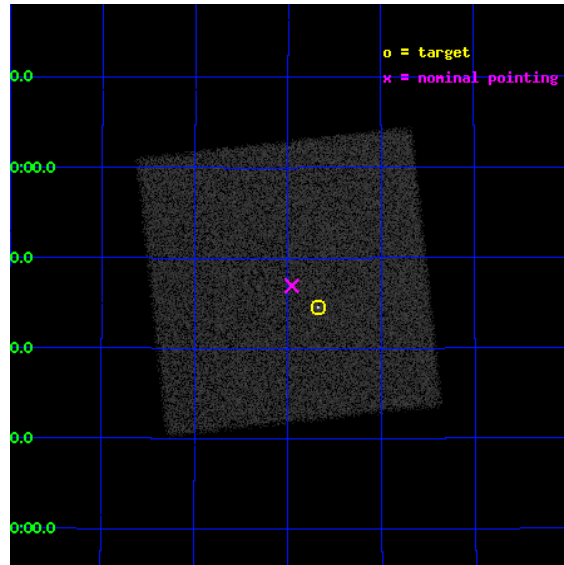
L2 Processing Date : Jul 3 2012

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1 Front

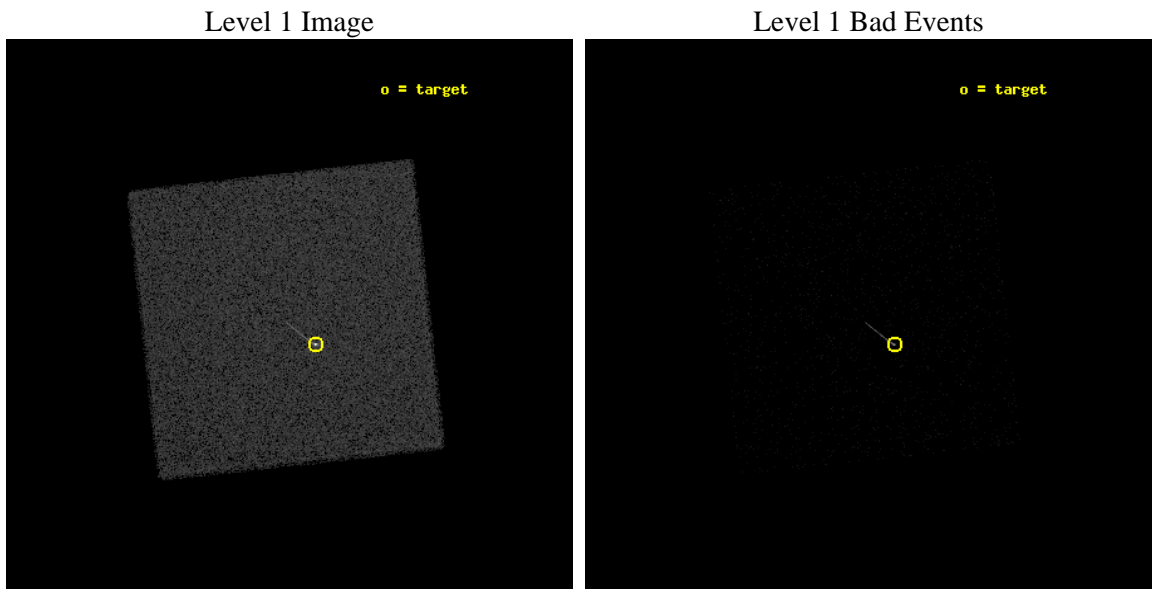
seq_num	290889	Sequence number
obs_id	11900	Observation id
title	AO-11 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.23987671824	Nominal RA [deg]
dec_nom	45.782111952754	Nominal Dec [deg]
roll_nom	218.69898457076	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1181.8250605464	[s]
livetime	1168.907423975	Ontime multiplied by DTCOR
l2events	90662	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	1181.8250605464	[s]
caldbver	4.5.0	 	l1events	160147	Number of level 1 events
date	2012-07-03T23:47:36	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

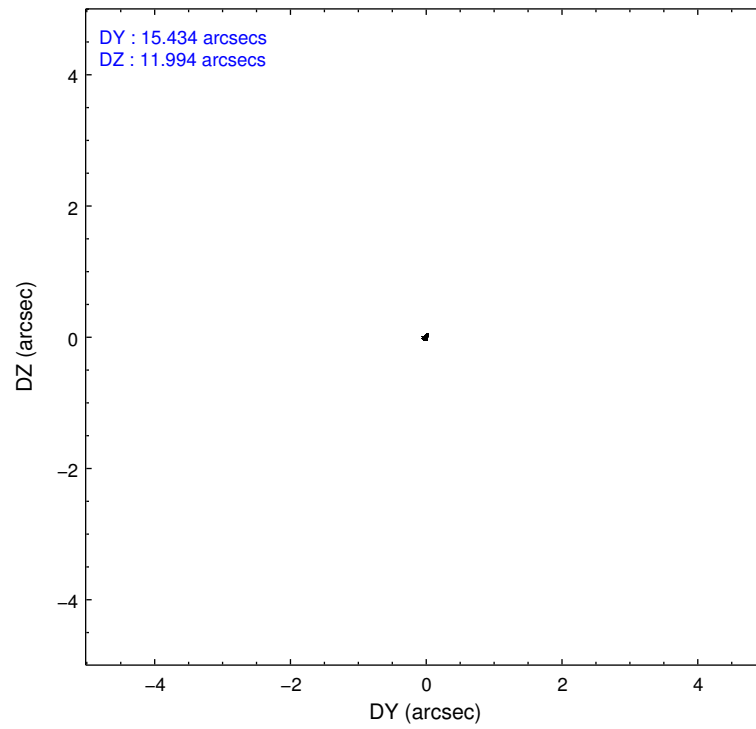
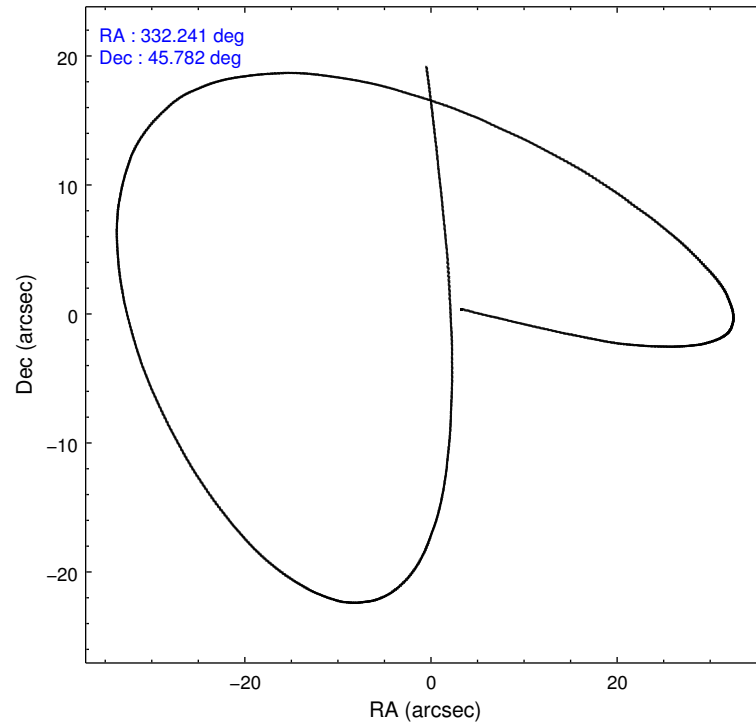
Level 1 Events

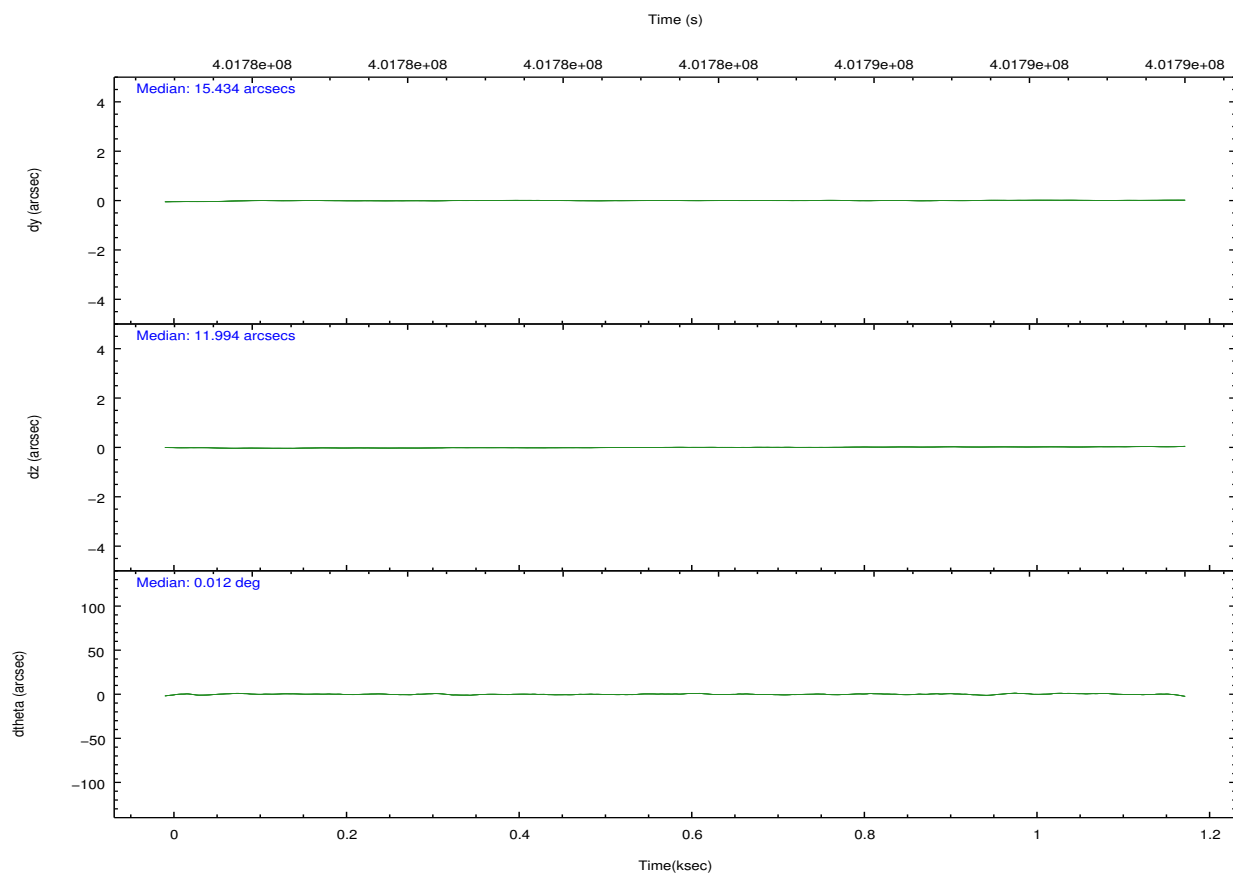
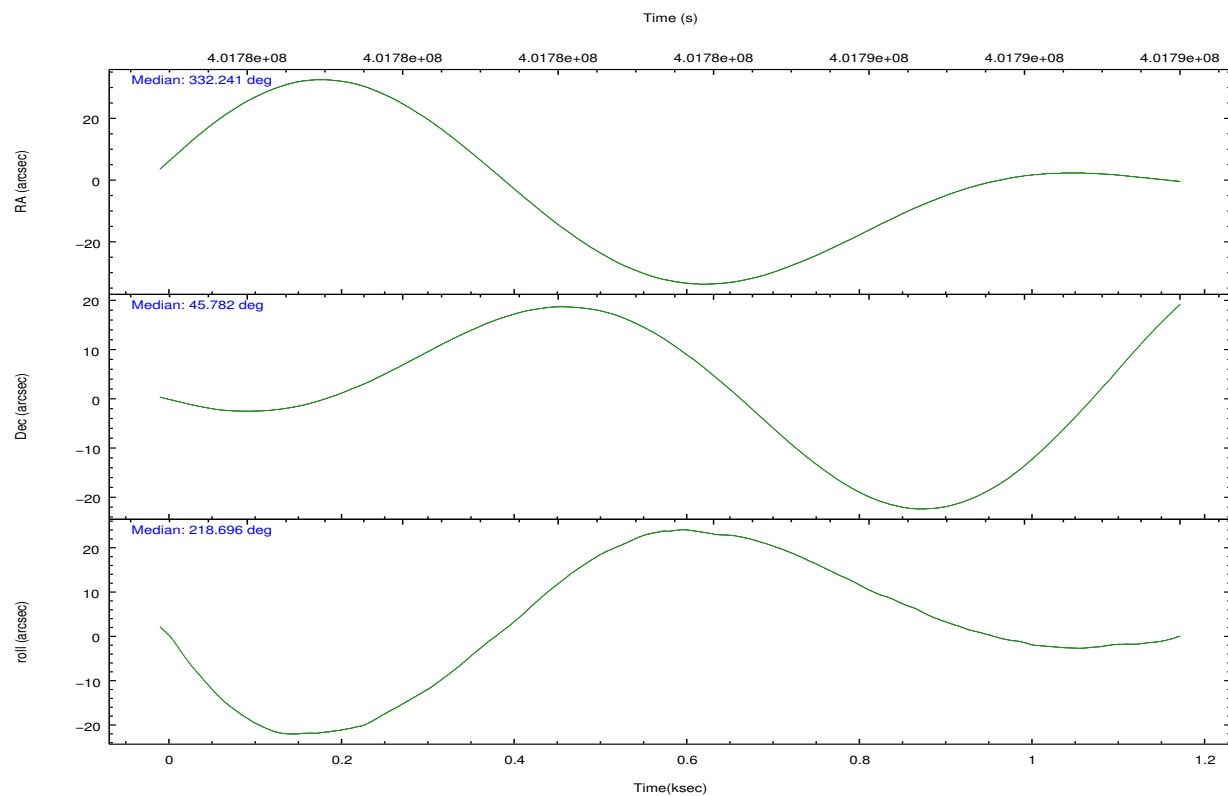
	segment 0
level 1 events	160147
rejected events	34515
rejected %	21%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.251998	332.2398767182362			
[deg] Pointing Dec	45.808417	45.78211195275351			
[deg] Pointing Roll	218.785743	218.6989845707582			
[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)	401784523.184000	401784147.48773			
Observation start date	2010-09-25T06:47:37	2010-09-25T06:42:27			
[s] Observation end time (MET)	401785523.184000	401785657.31281			
Observation end date	2010-09-25T07:04:17	2010-09-25T07:07:37			

2.3 Aspect



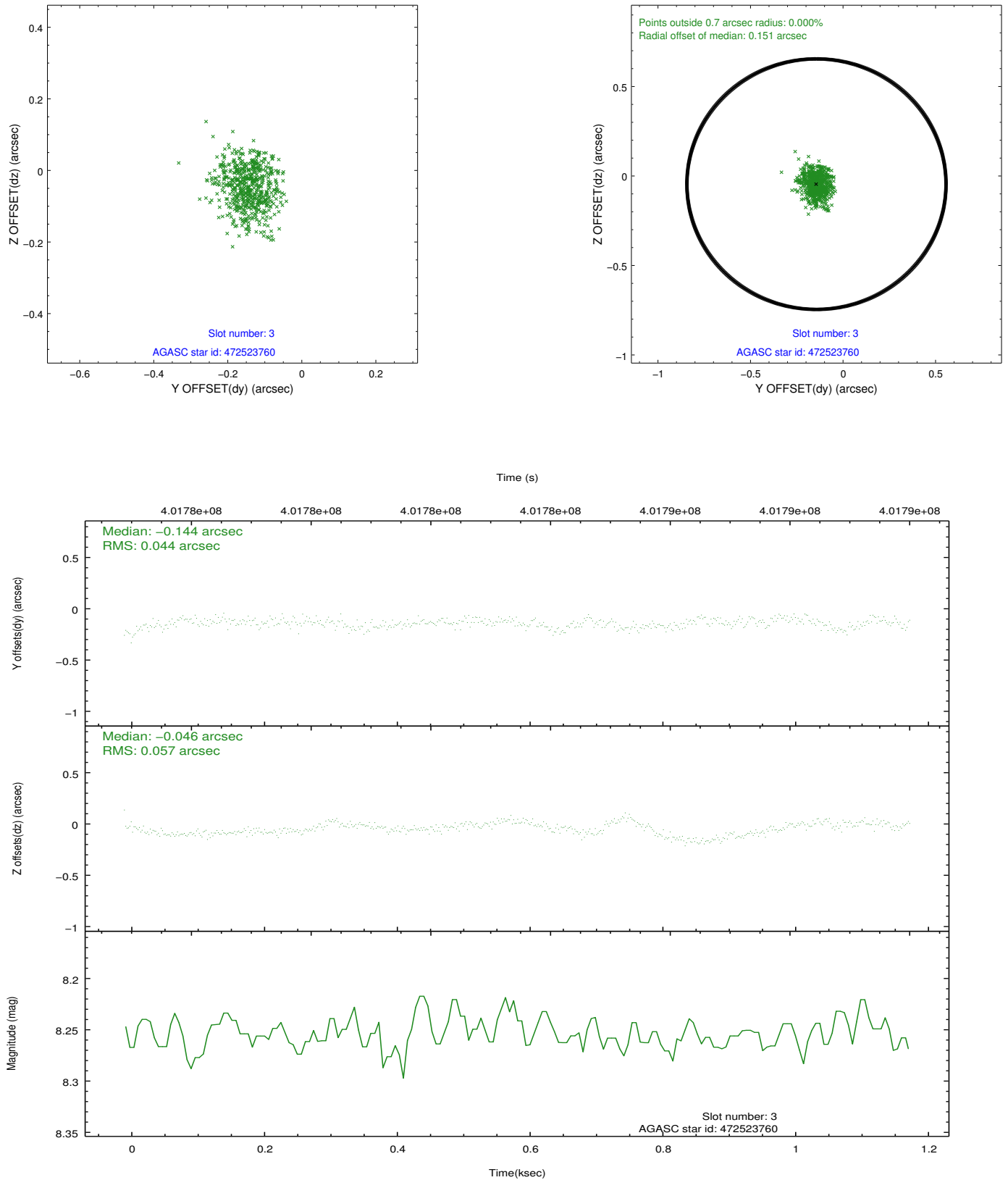


Slot Statistics

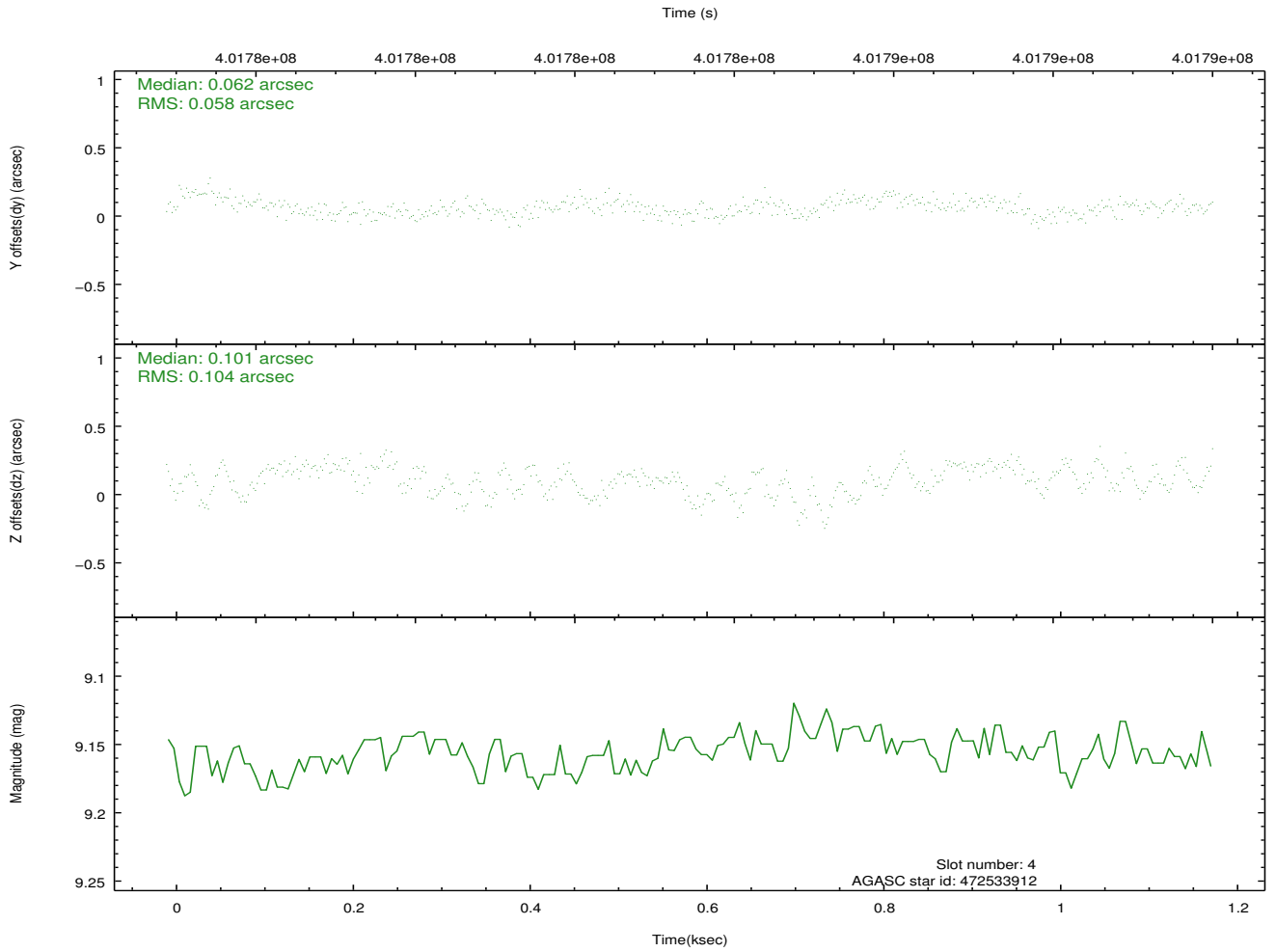
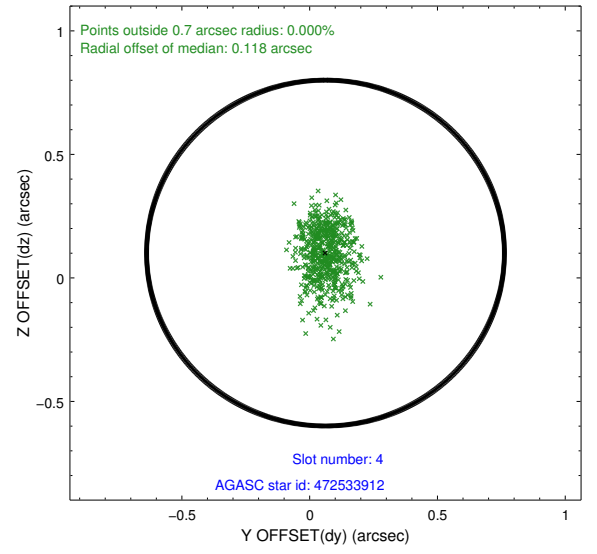
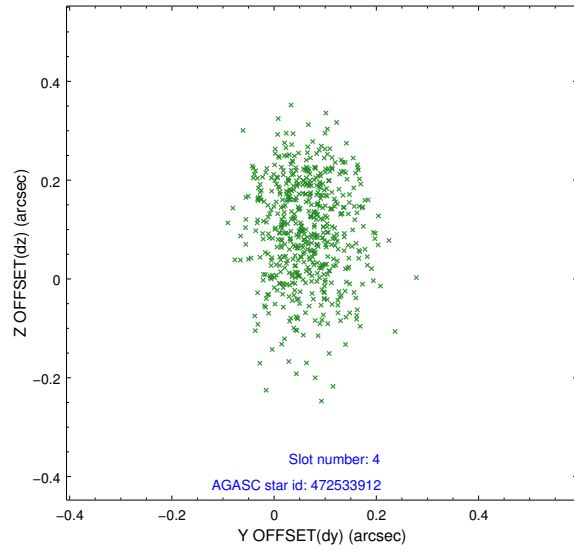
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	289	-0.104	-0.020	0.005	0.007	0.000000	0.000000	-771.44	-1299.95
1	FID	HRC-I-2	6.99	289	0.184	-0.081	0.006	0.010	0.000000	0.000000	838.81	-1306.19
2	FID	HRC-I-4	6.97	289	0.035	0.008	0.004	0.007	0.000000	0.000000	1274.55	997.58
3	GUIDE	472523760	8.25	578	-0.144	-0.046	0.076	0.119	331.645363	45.403260	2106.38	168.32
4	GUIDE	472533912	9.16	578	0.062	0.101	0.126	0.206	331.791136	46.368695	-368.21	-2295.21
5	GUIDE	472655152	9.43	578	-0.041	-0.179	0.123	0.202	332.504239	45.862991	-616.13	234.51
6	GUIDE	472665256	9.02	578	0.019	0.095	0.090	0.150	332.808125	46.195041	-1955.01	-223.83
7	GUIDE	472663080	9.42	577	0.097	0.044	0.115	0.188	332.652741	46.473840	-2278.74	-1251.01

2.4 Star Slots

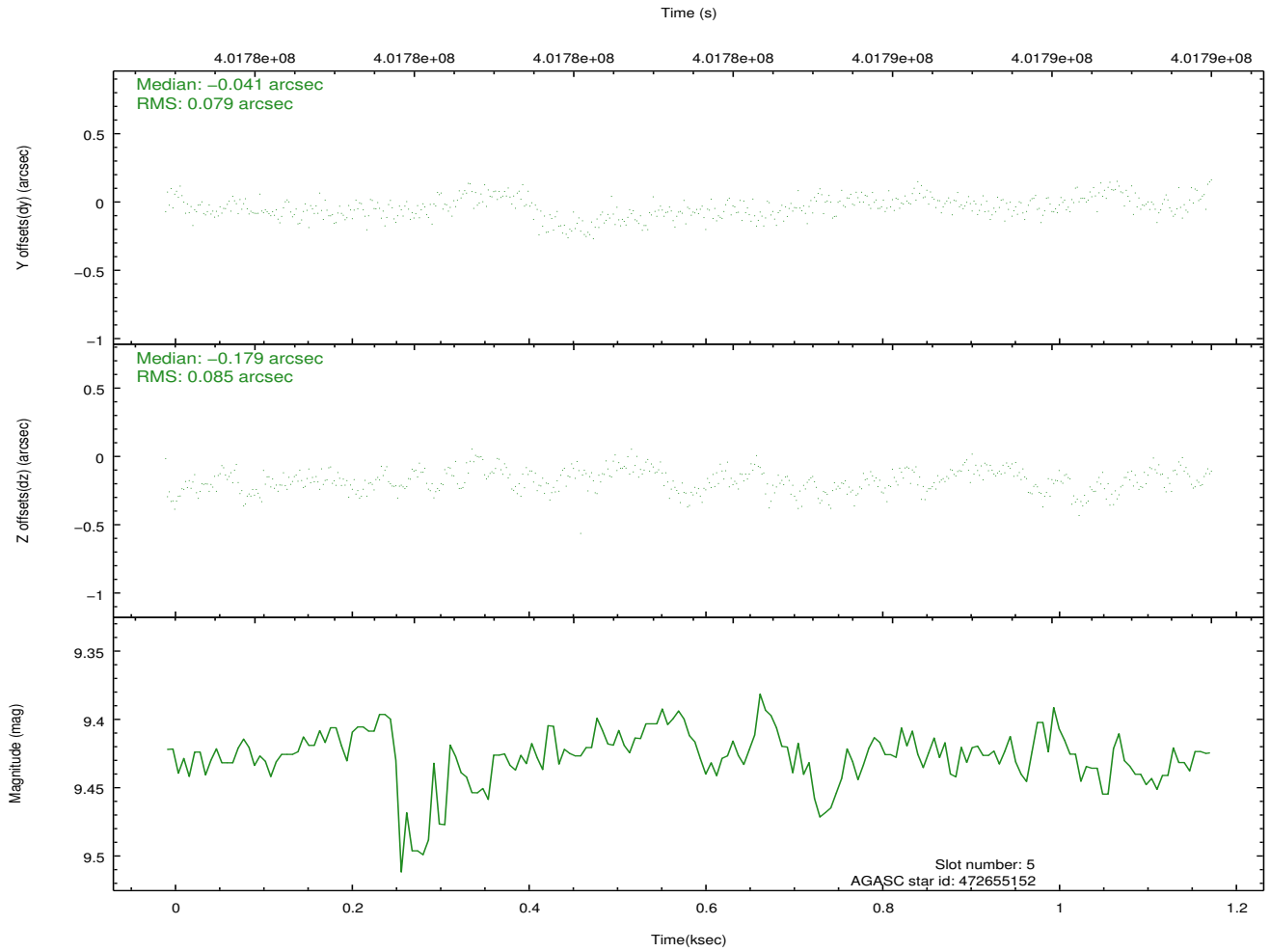
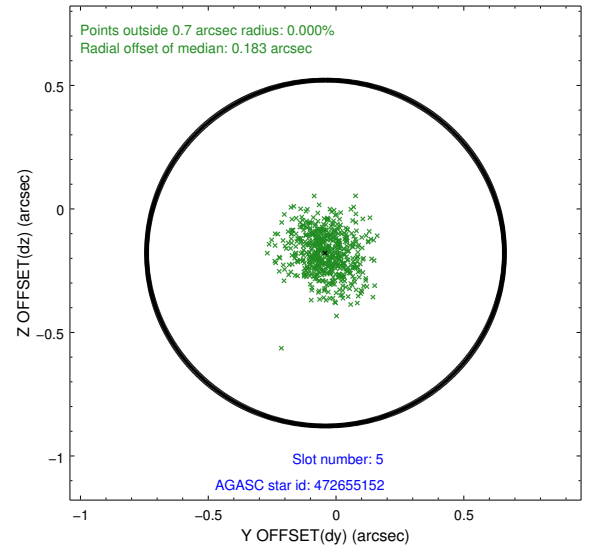
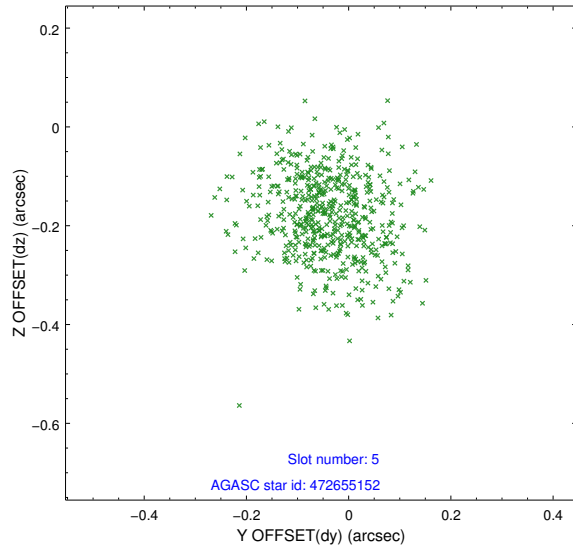
2.4.1 Slot 3



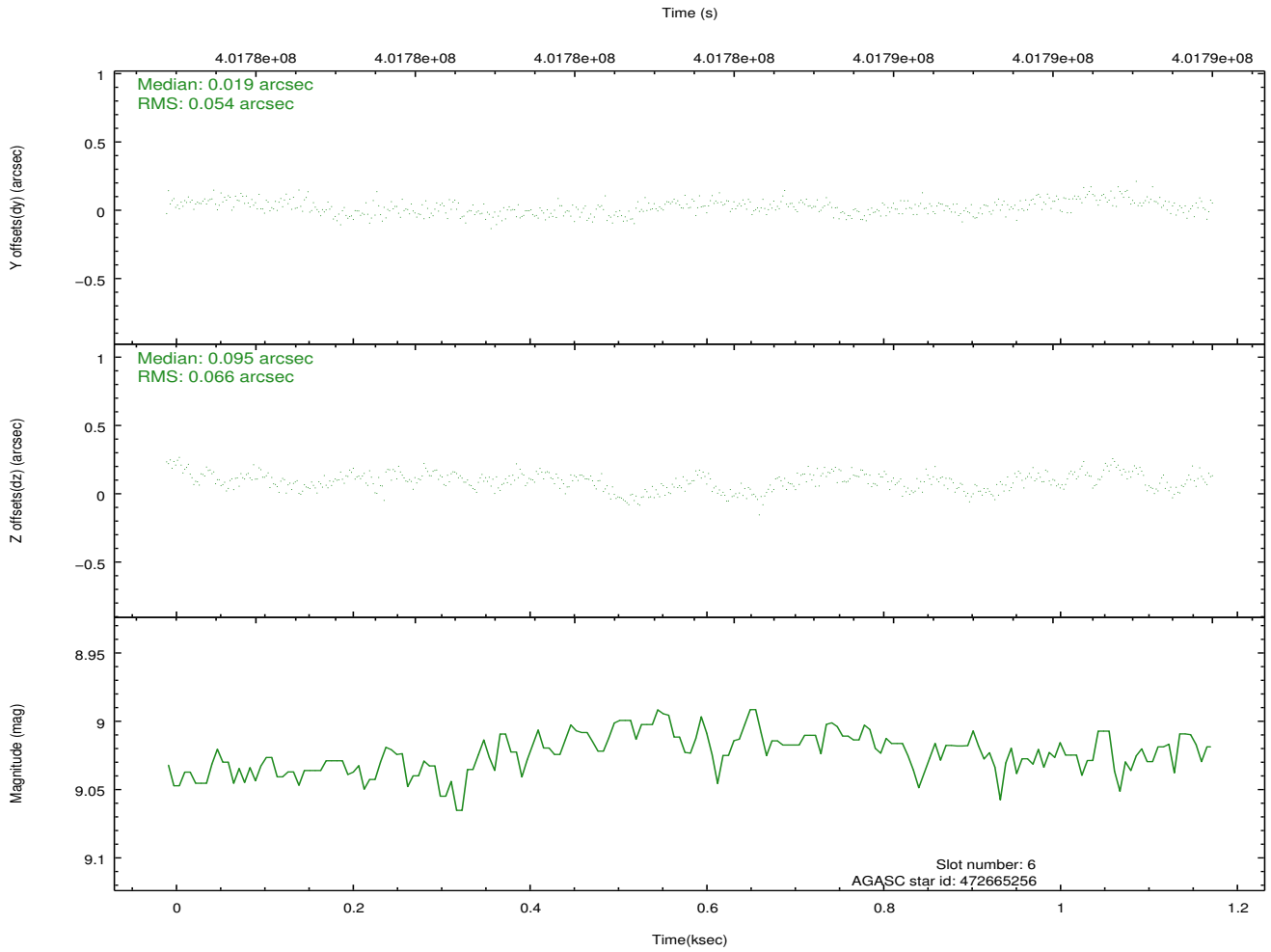
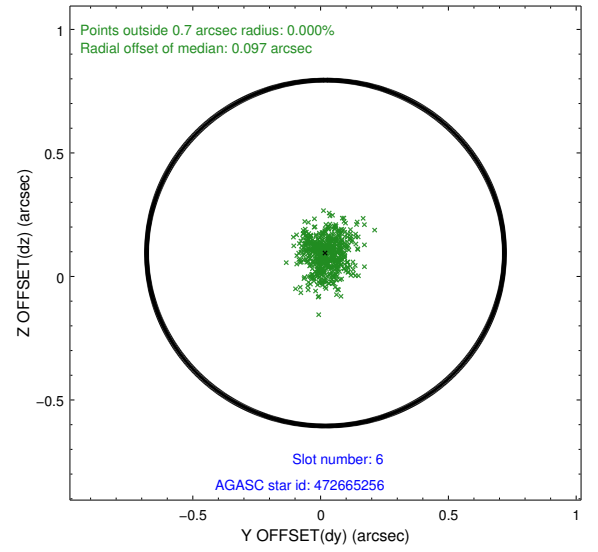
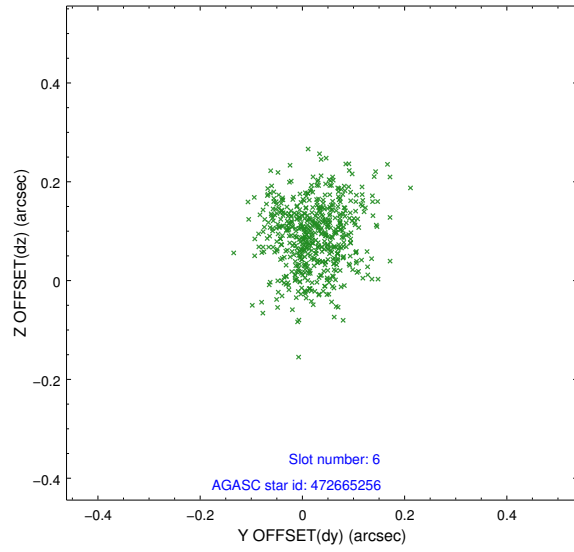
2.4.2 Slot 4



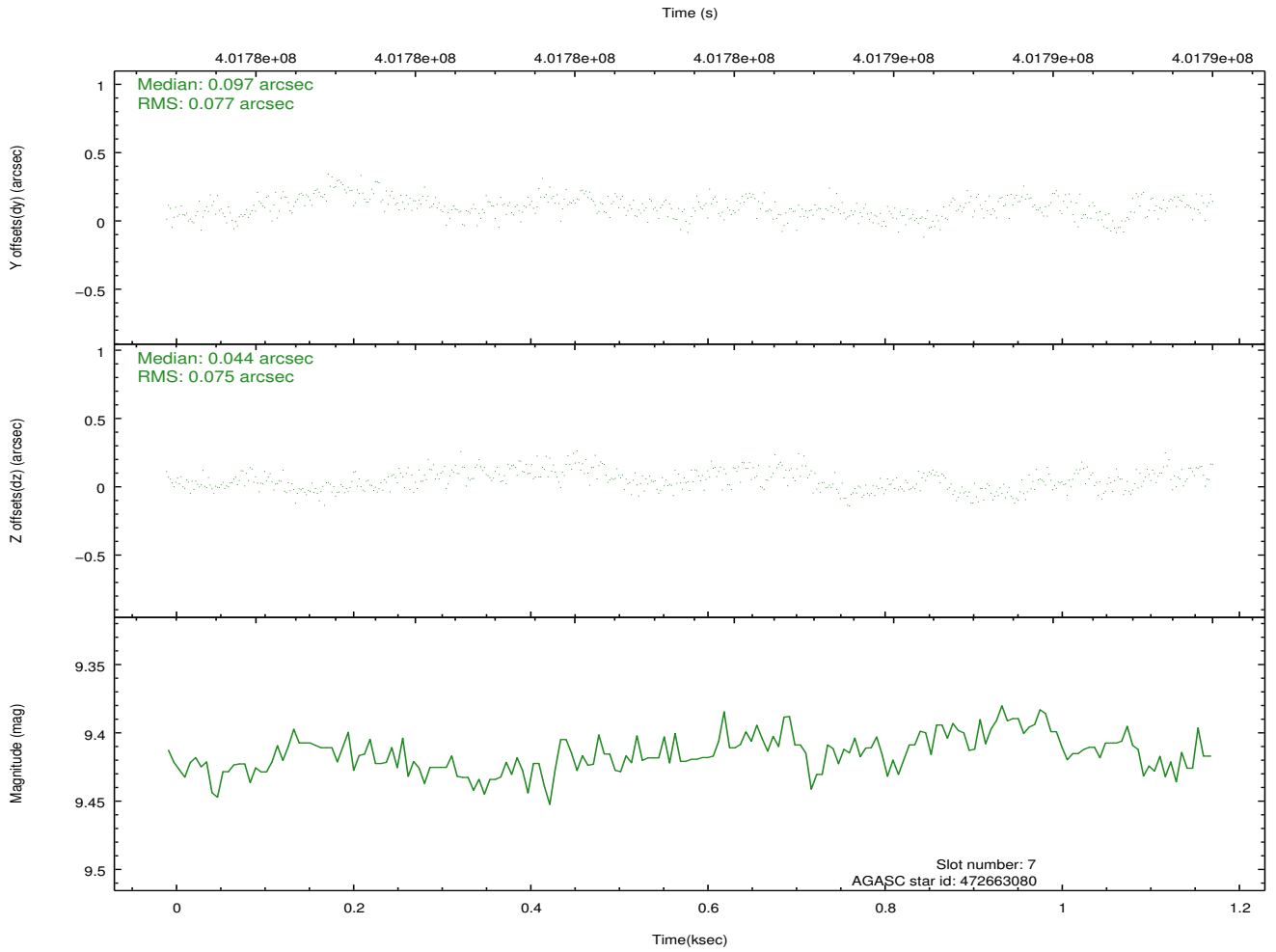
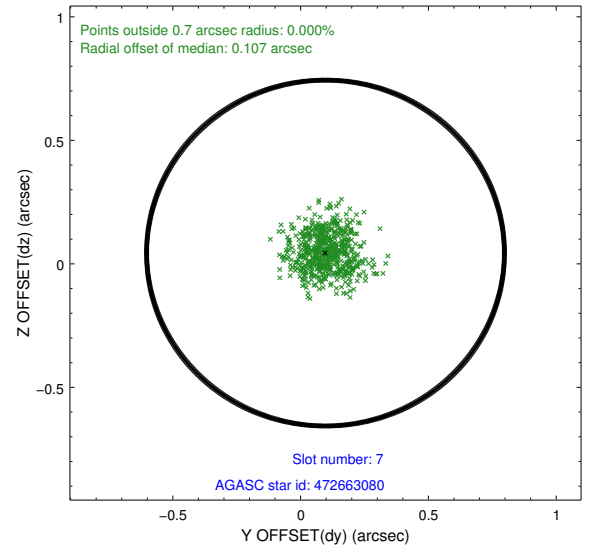
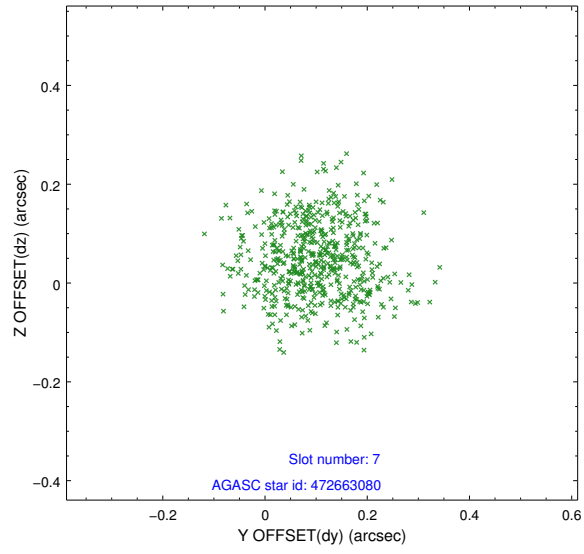
2.4.3 Slot 5



2.4.4 Slot 6

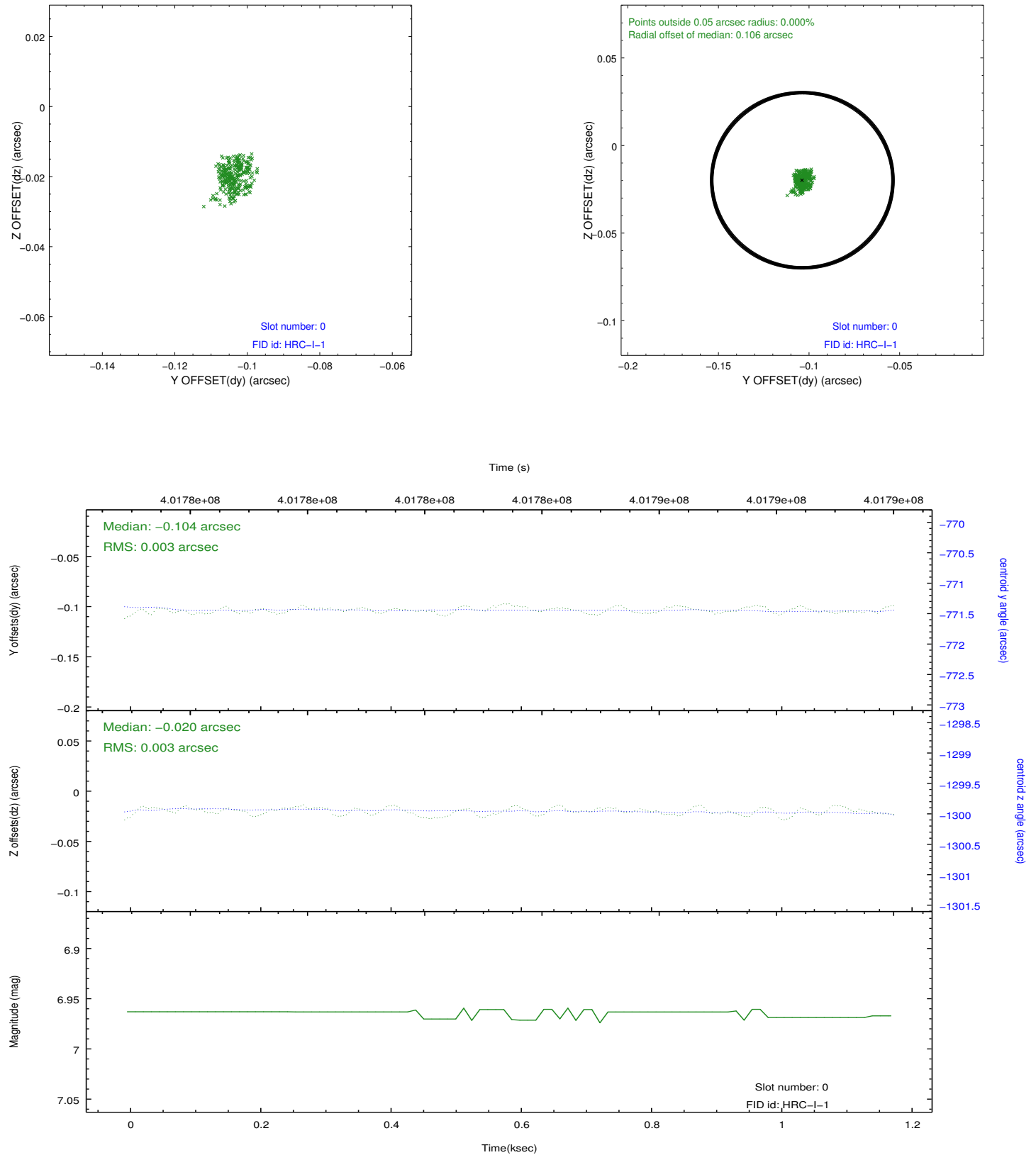


2.4.5 Slot 7

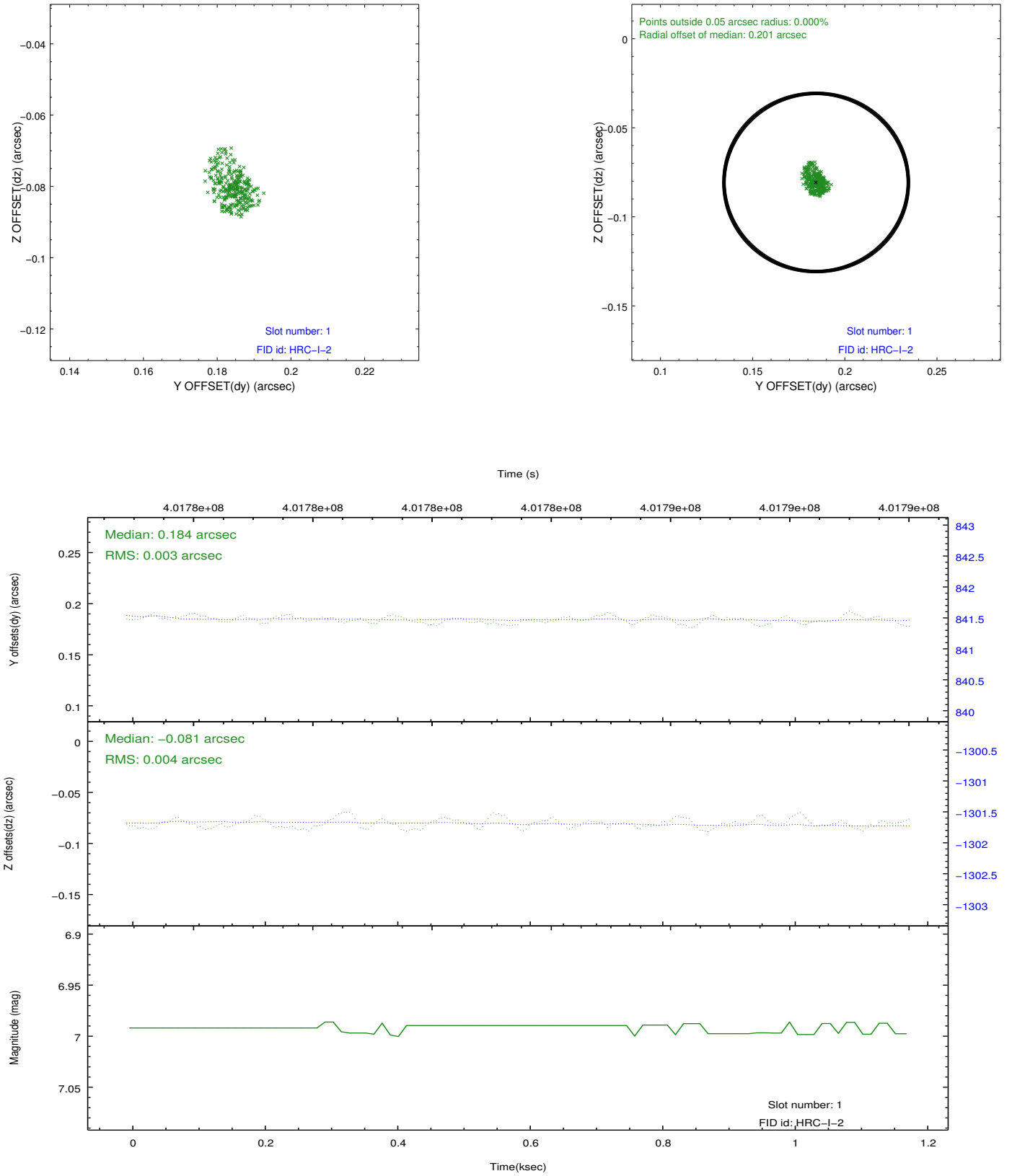


2.5 FID Slots

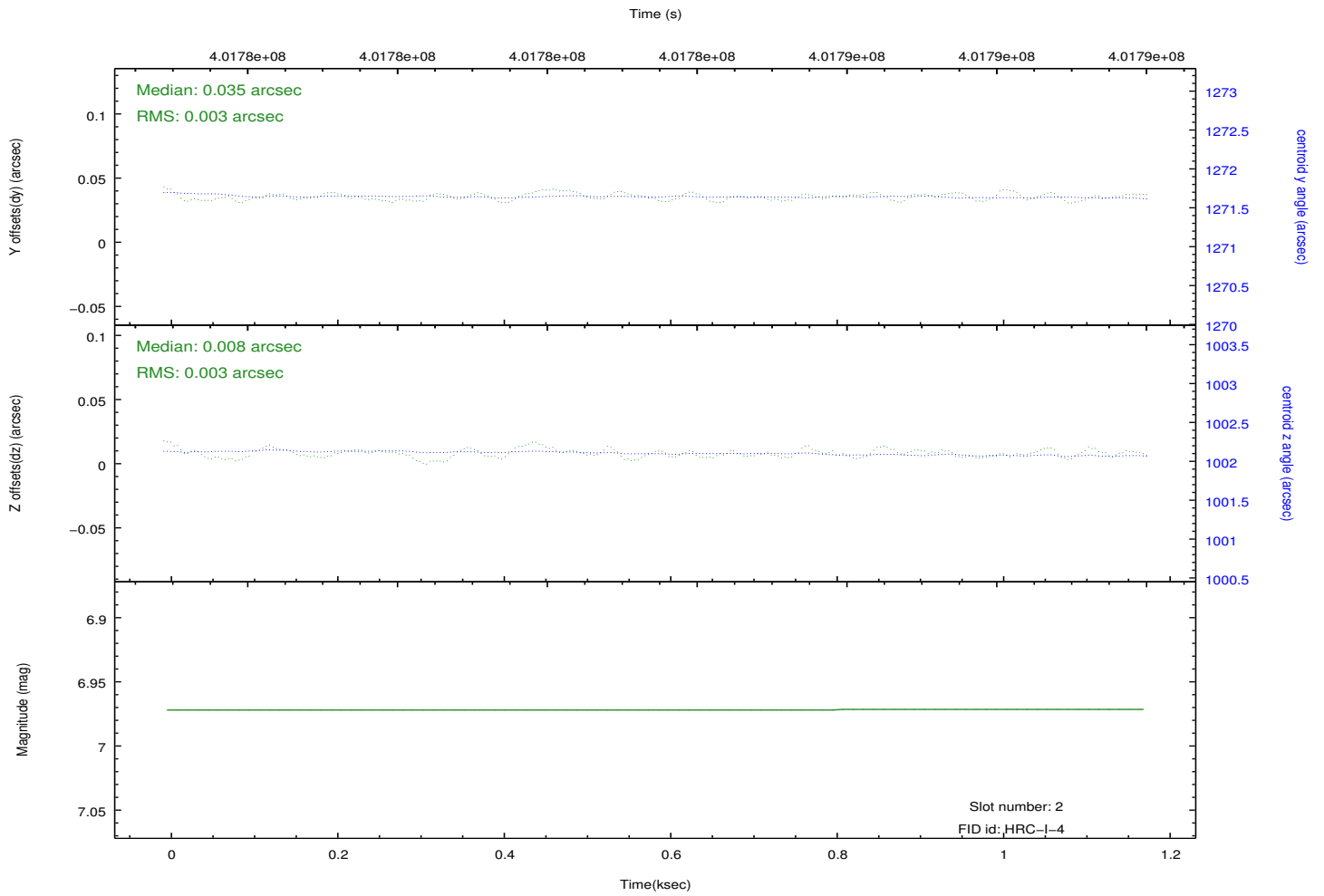
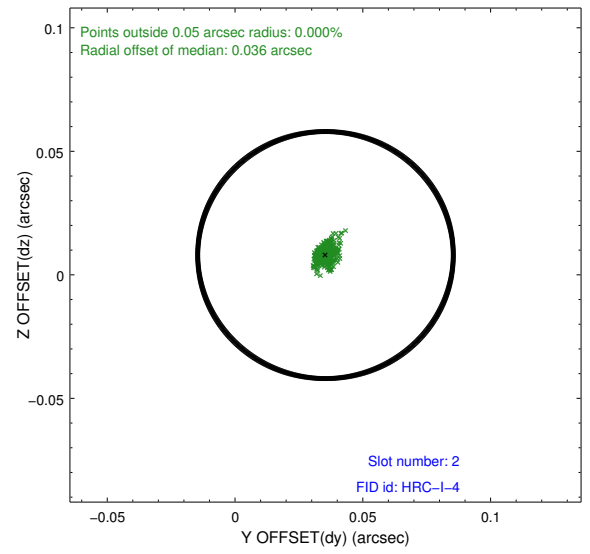
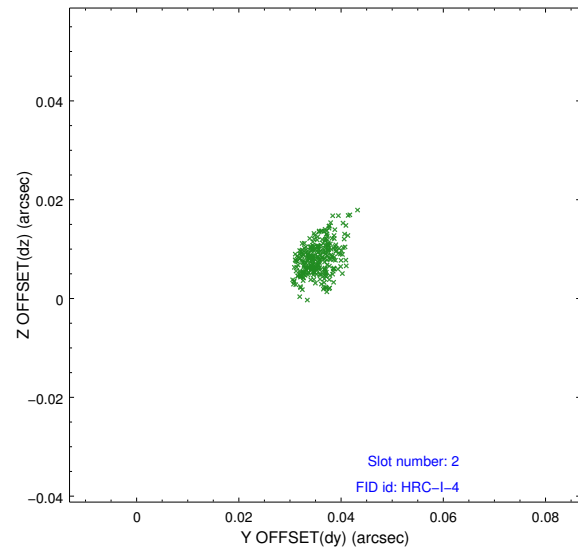
2.5.1 Slot 0



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)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1818250605464

A.2 Comments