

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10583 - L2 Version 3
Chandra X-Ray Center

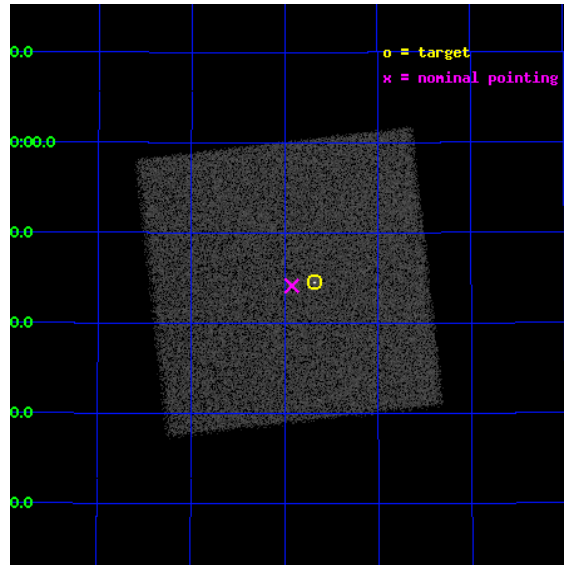
L2 Processing Date : Aug 13 2012

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1 Front

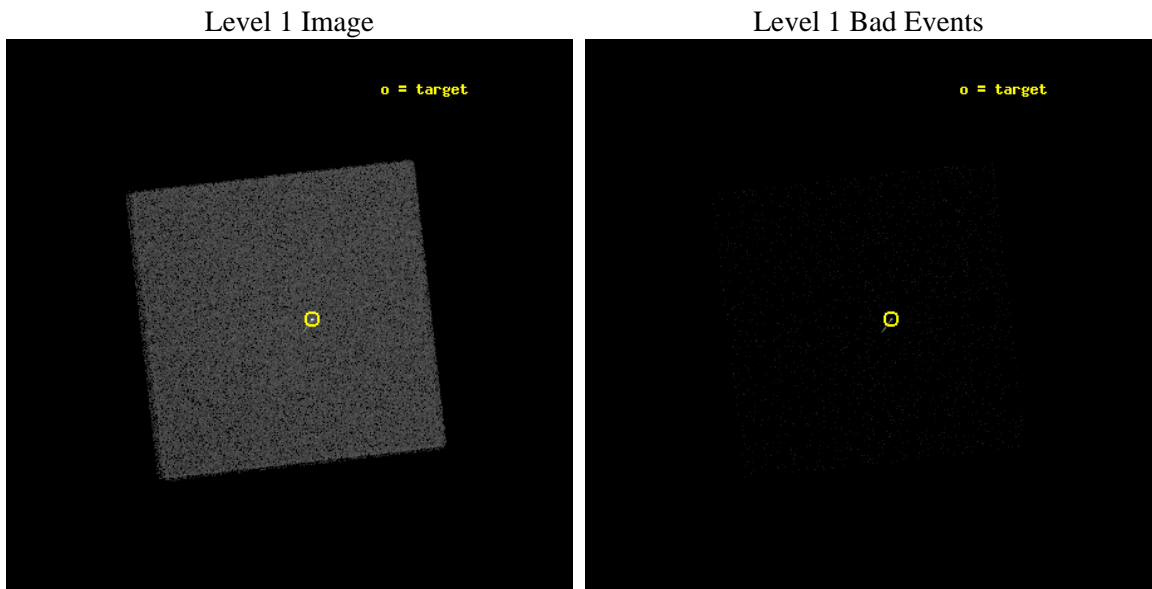
seq_num	290819	Sequence number
obs_id	10583	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.2303718693	Nominal RA [deg]
dec_nom	45.7359189872	Nominal Dec [deg]
roll_nom	218.44981923481	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1184.1313095093	[s]
livetime	1169.2107063174	Ontime multiplied by DTCOR
l2events	95385	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	1184.1313095093	[s]
caldbver	4.5.1.1	 	l1events	174184	Number of level 1 events
date	2012-08-13T13:33:58	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

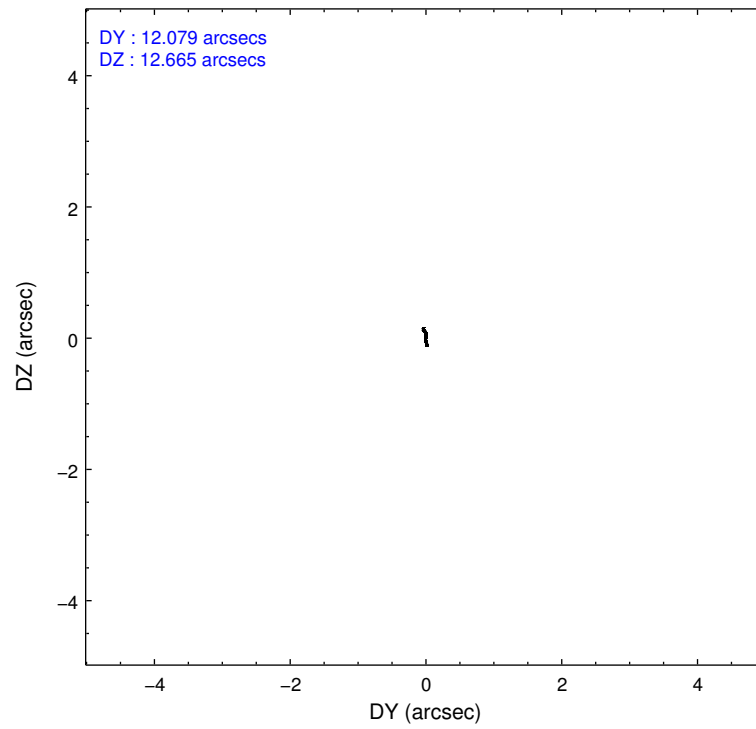
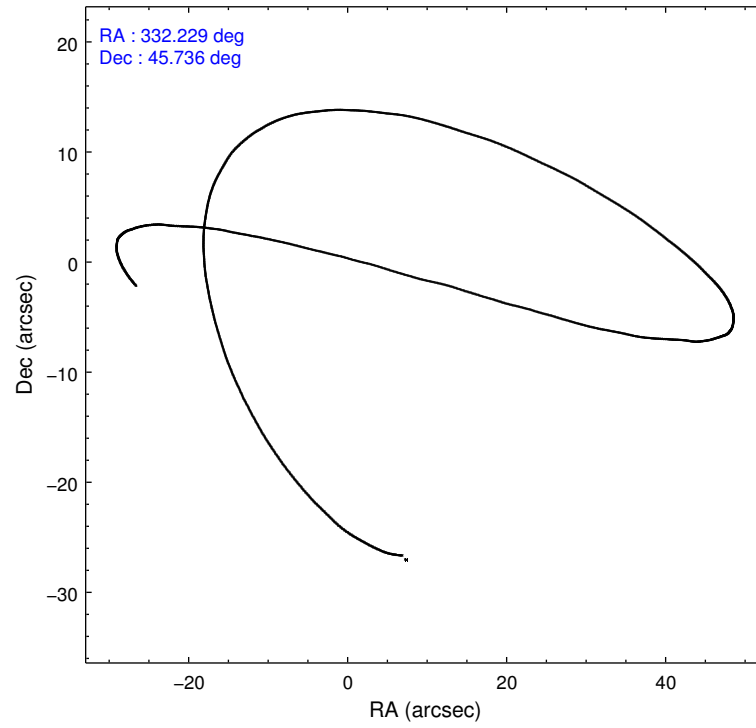
	segment 0
level 1 events	174184
rejected events	37420
rejected %	21%

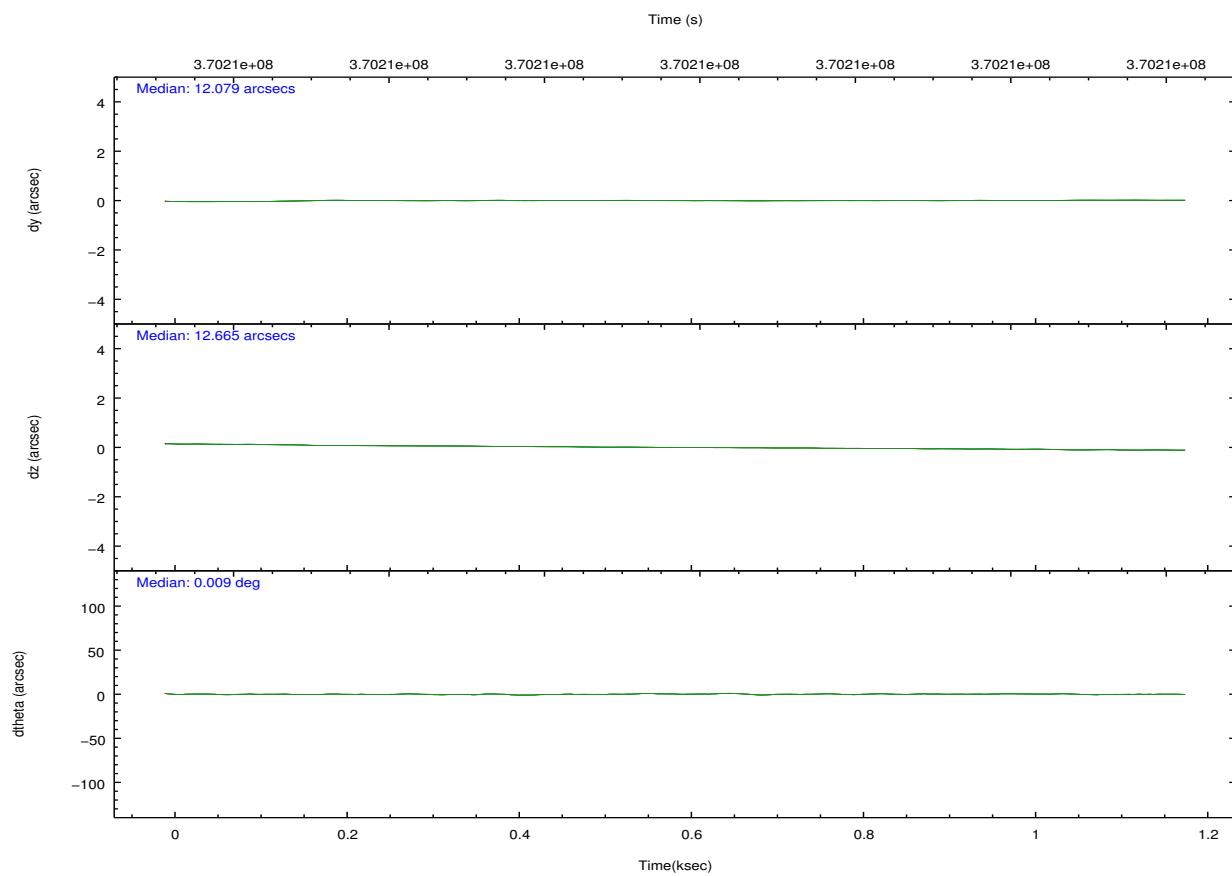
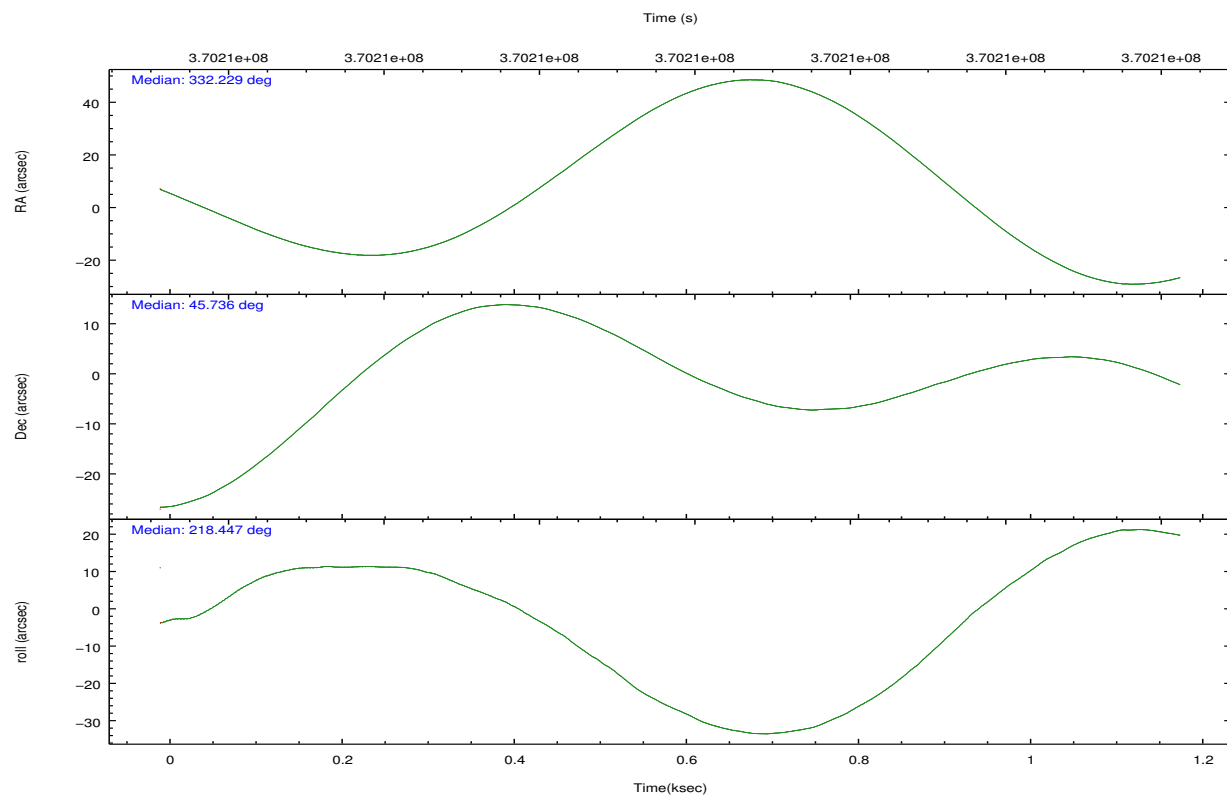
2.2 Compared Parameters

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	332.244793	332.2303718692954
[deg] Pointing Dec	45.761323	45.73591898720025
[deg] Pointing Roll	218.535009	218.4498192348139
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9804656746847
[mm] SIM translation stage offset	0	0.005023216916882234
[s] Observation start time (MET)	370206349.184000	370205973.55899
Observation start date	2009-09-24T19:04:43	2009-09-24T18:59:33
[s] Observation end time (MET)	370207349.184000	370207483.38406
Observation end date	2009-09-24T19:21:23	2009-09-24T19:24:43

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

2.3 Aspect



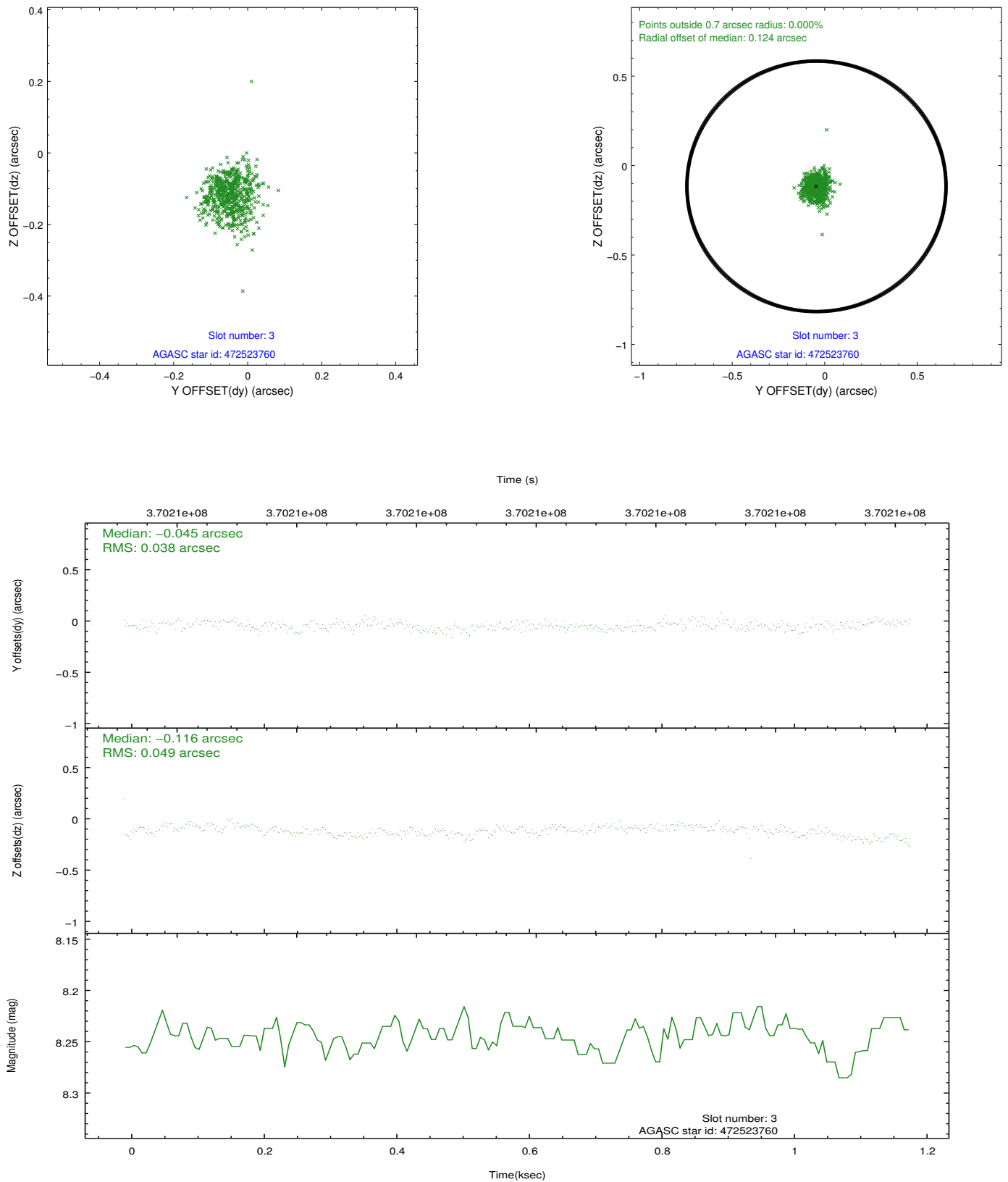


Slot Statistics

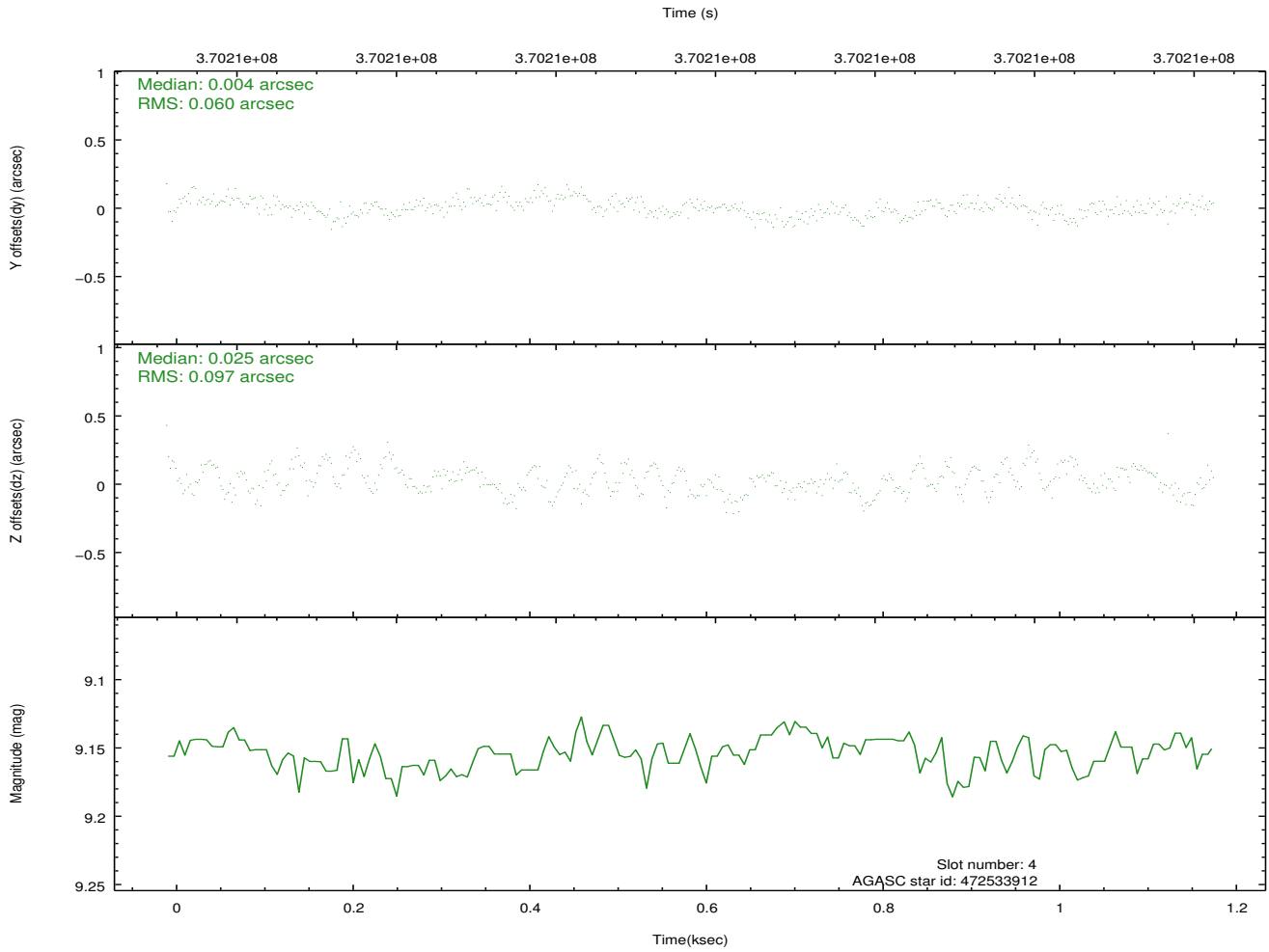
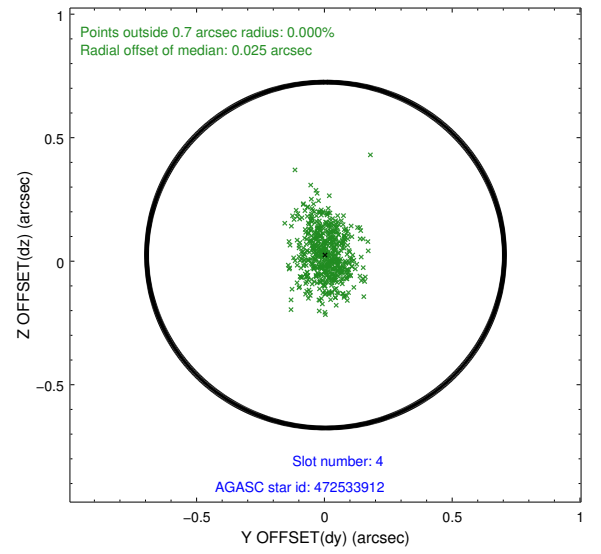
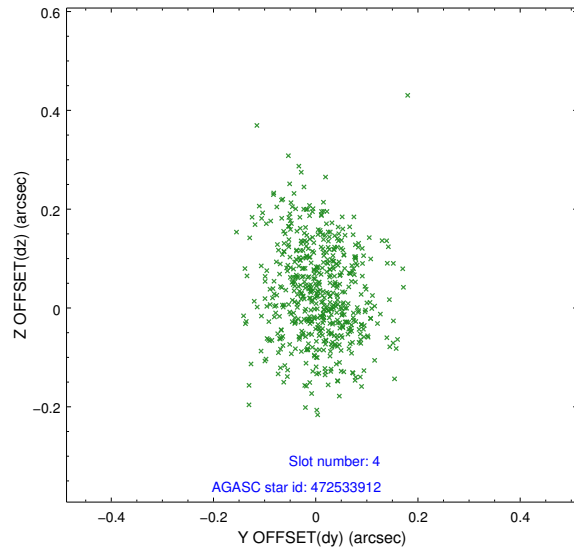
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.02	290	0.126	-0.126	0.007	0.011	0.000000	0.000000	844.94	-1302.33
1	FID	HRC-I-3	7.07	290	-0.154	0.068	0.006	0.011	0.000000	0.000000	-1193.51	999.53
2	FID	HRC-I-4	7.00	290	0.147	-0.030	0.006	0.011	0.000000	0.000000	1271.04	1004.94
3	GUIDE	472523760	8.24	579	-0.045	-0.116	0.064	0.104	331.645363	45.403260	1983.54	62.05
4	GUIDE	472533912	9.15	578	0.004	0.025	0.117	0.191	331.791136	46.368695	-480.34	-2412.75
5	GUIDE	472655152	9.44	579	0.026	-0.139	0.107	0.202	332.504239	45.862991	-739.47	115.89
6	GUIDE	472665256	9.02	579	0.038	0.091	0.101	0.158	332.808125	46.195041	-2076.33	-348.50
7	GUIDE	472654568	9.42	578	-0.023	0.160	0.119	0.194	332.194449	45.063576	1660.10	1886.84

2.4 Star Slots

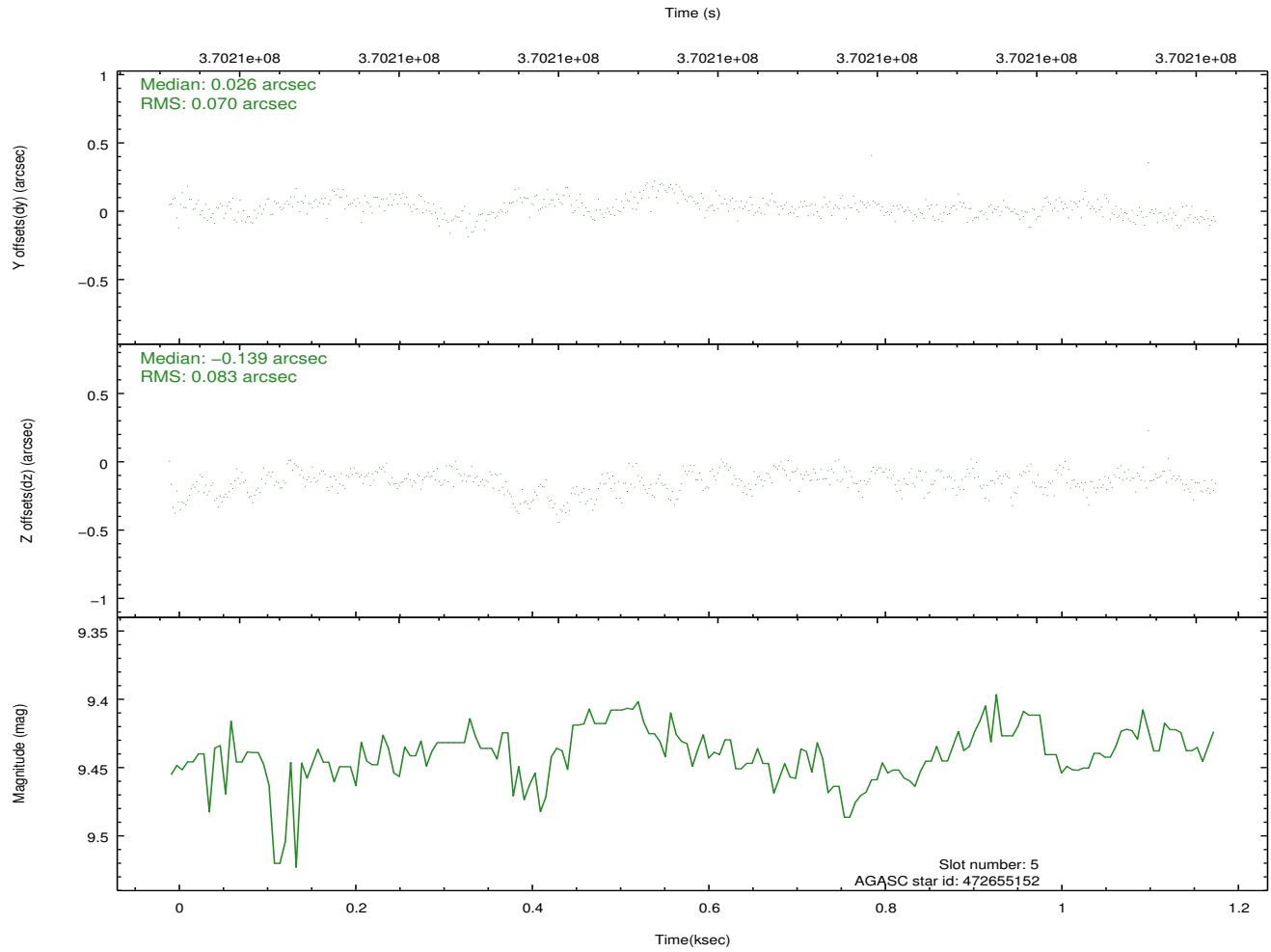
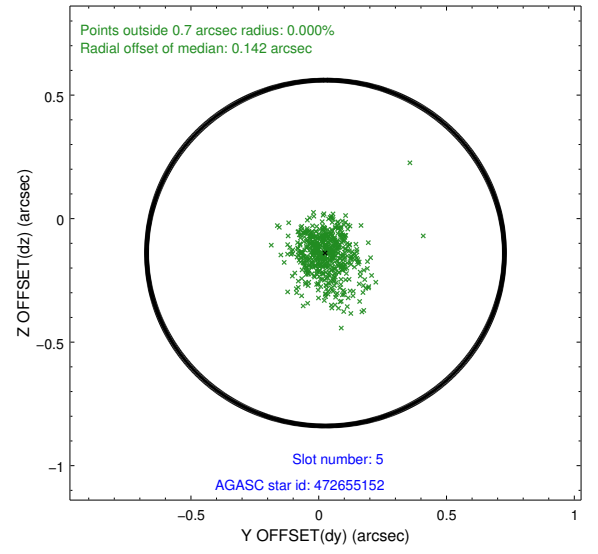
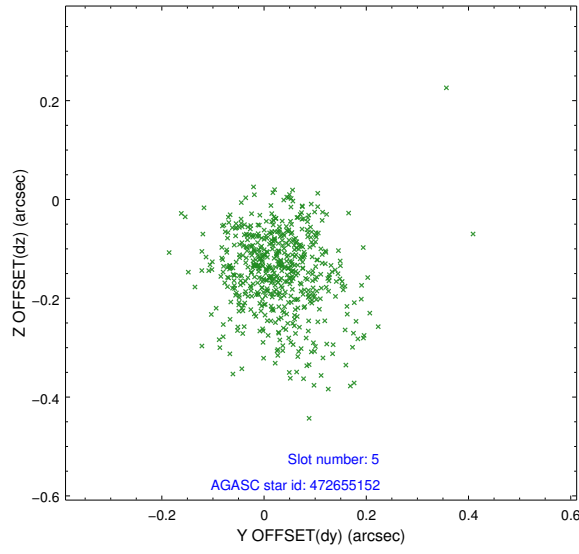
2.4.1 Slot 3



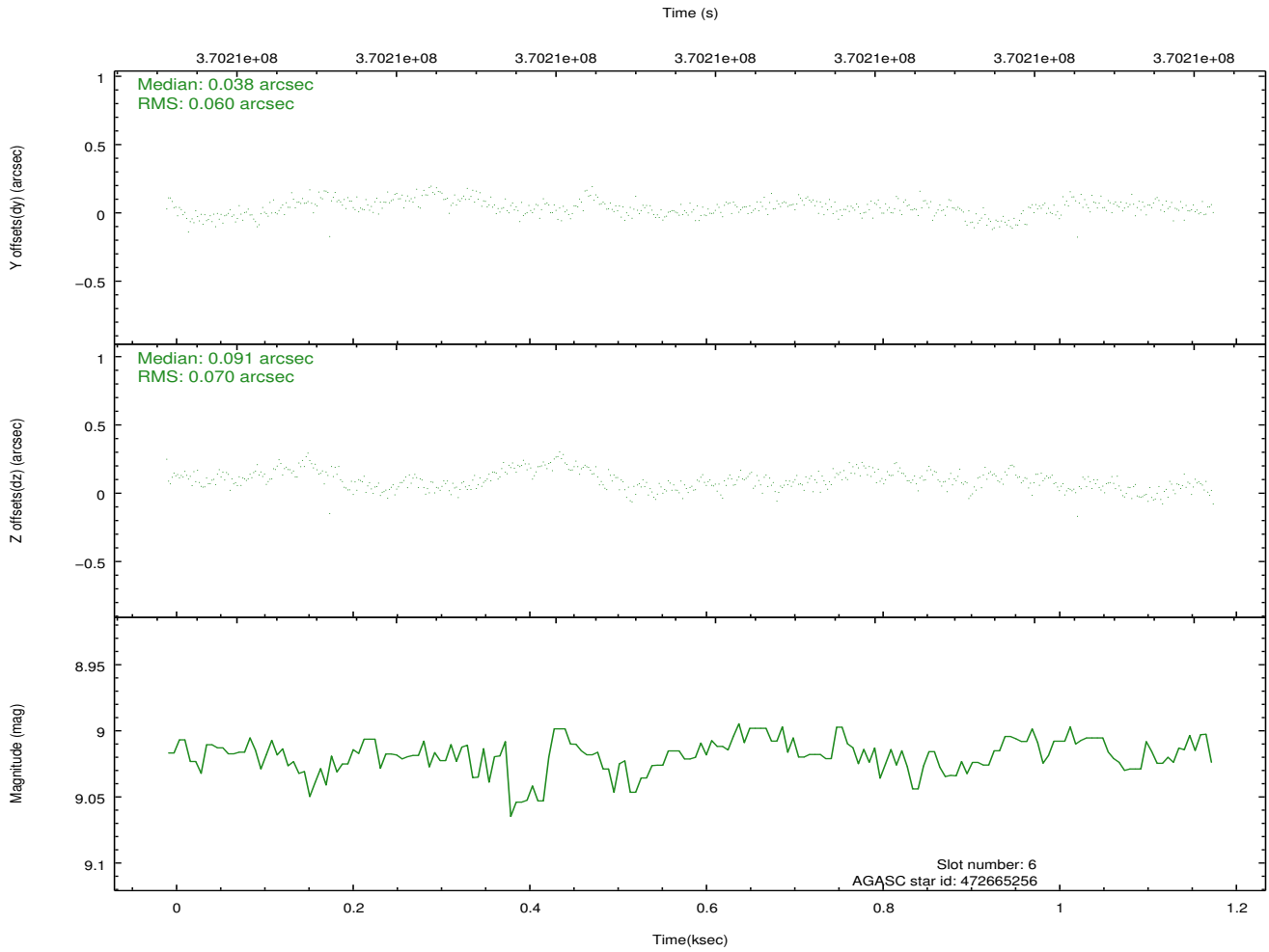
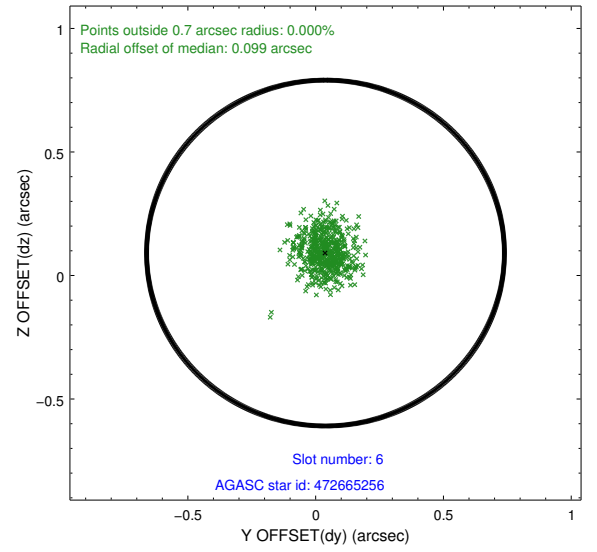
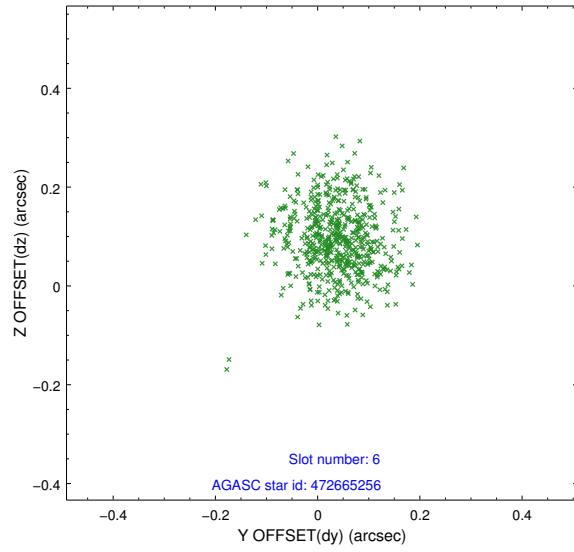
2.4.2 Slot 4



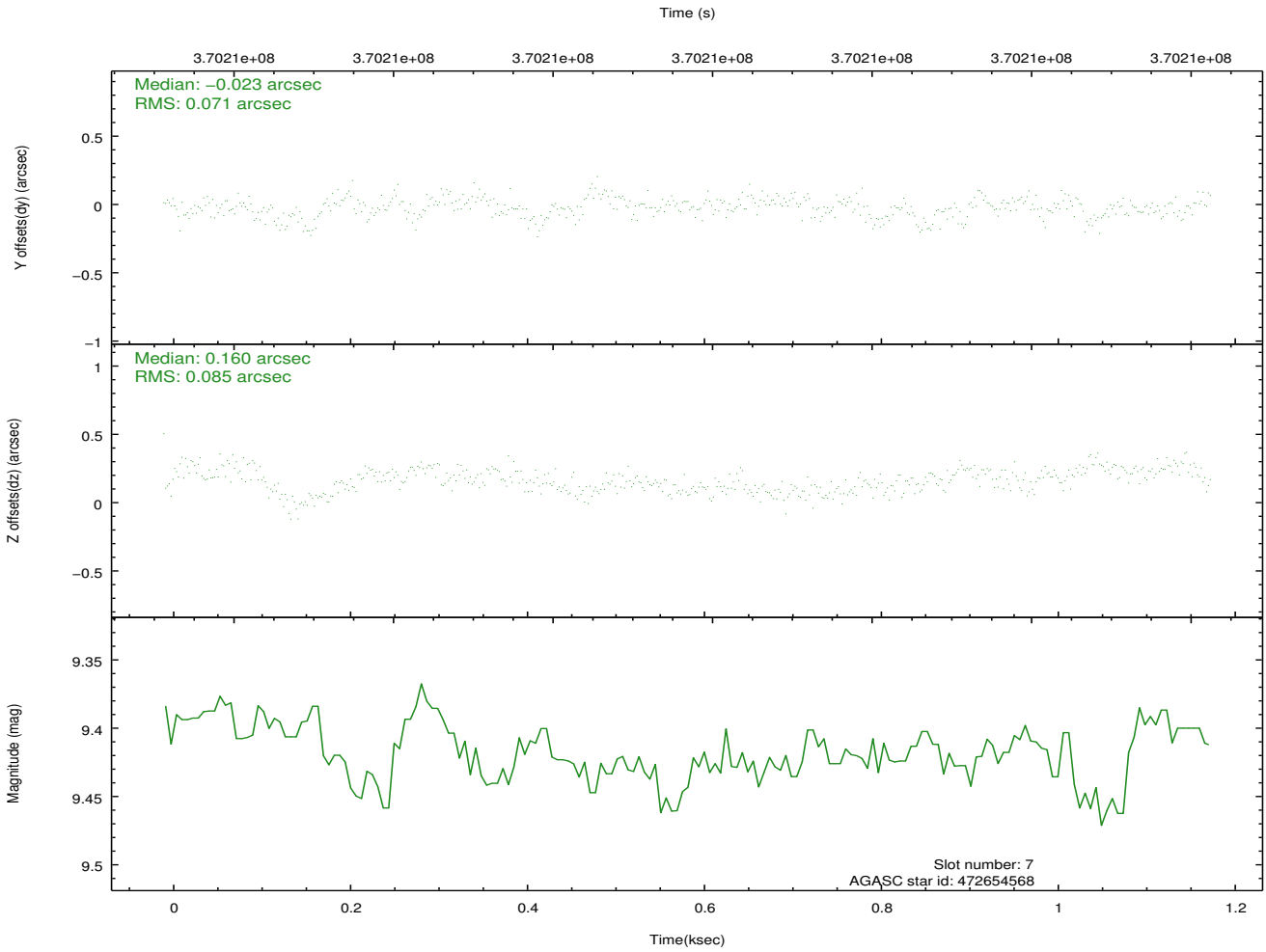
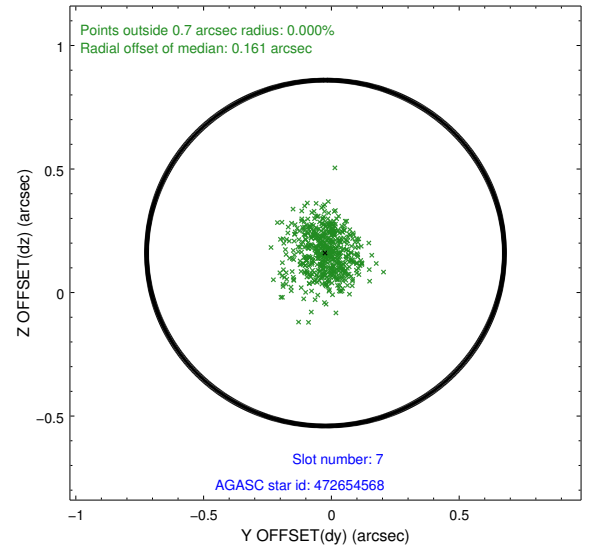
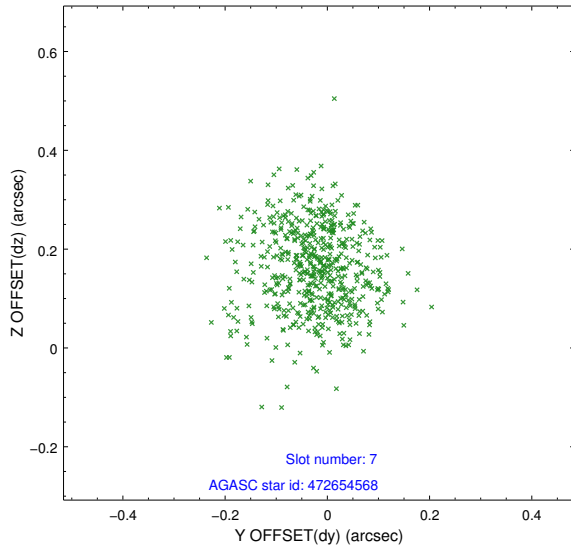
2.4.3 Slot 5



2.4.4 Slot 6

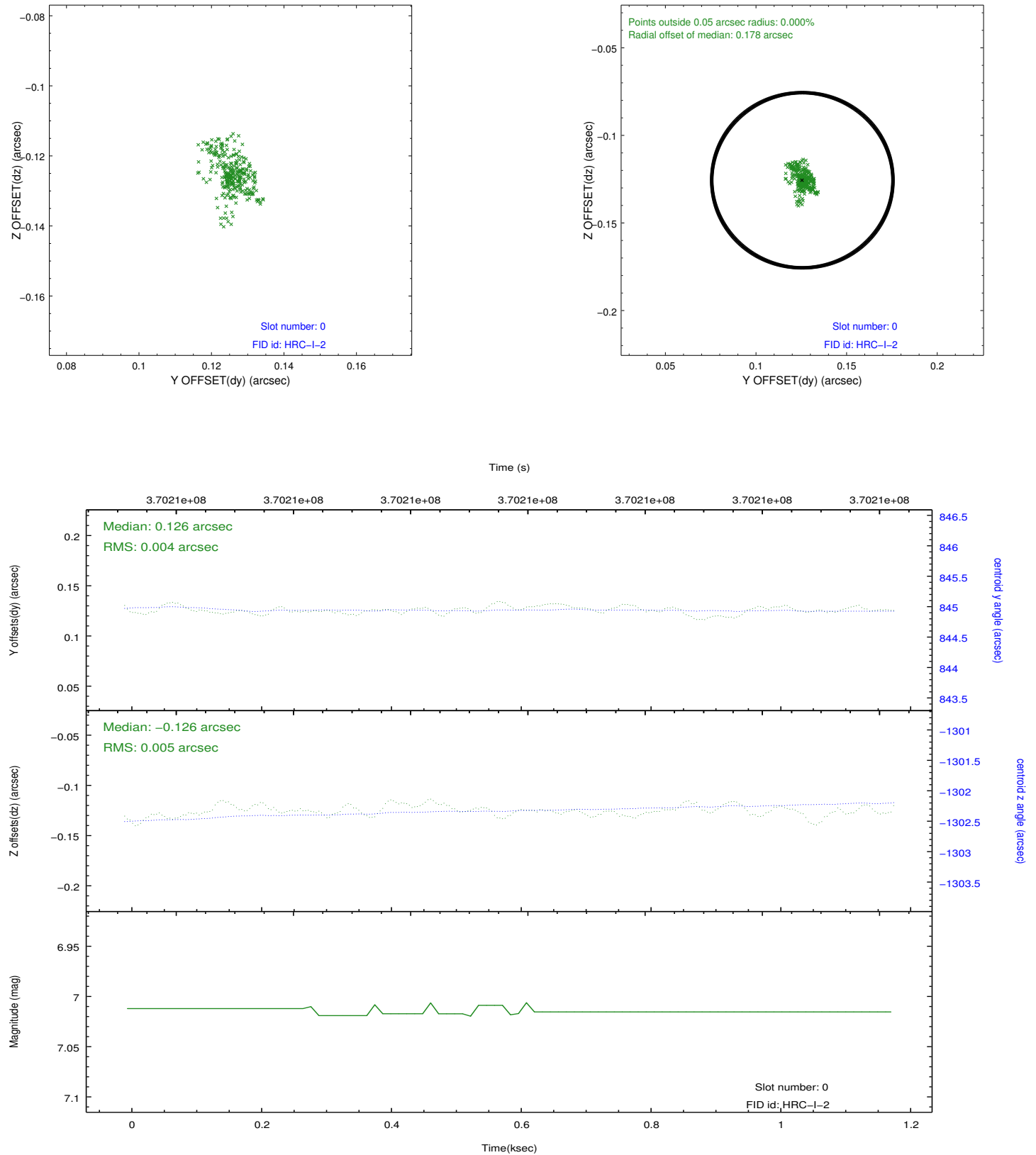


2.4.5 Slot 7

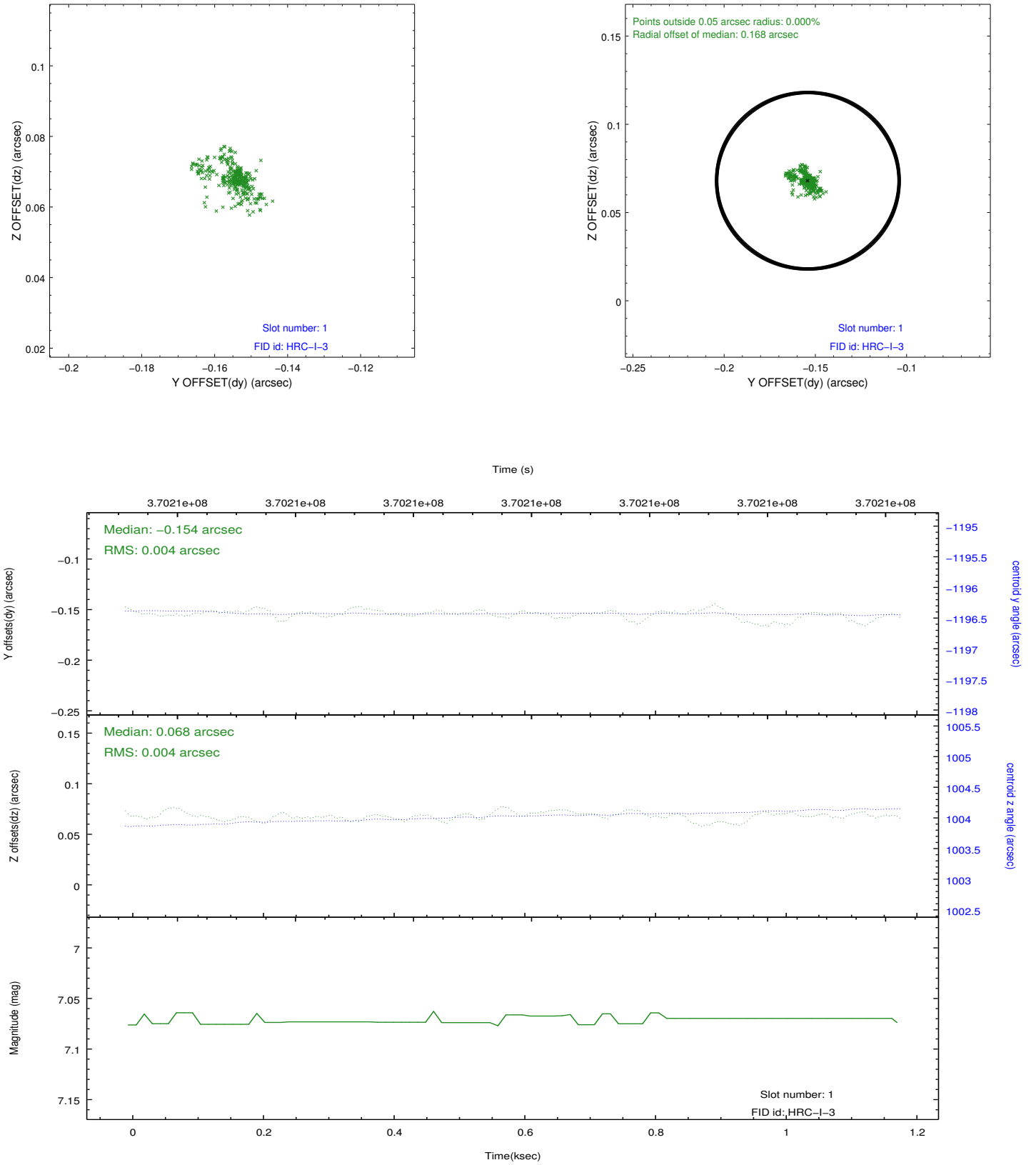


2.5 FID Slots

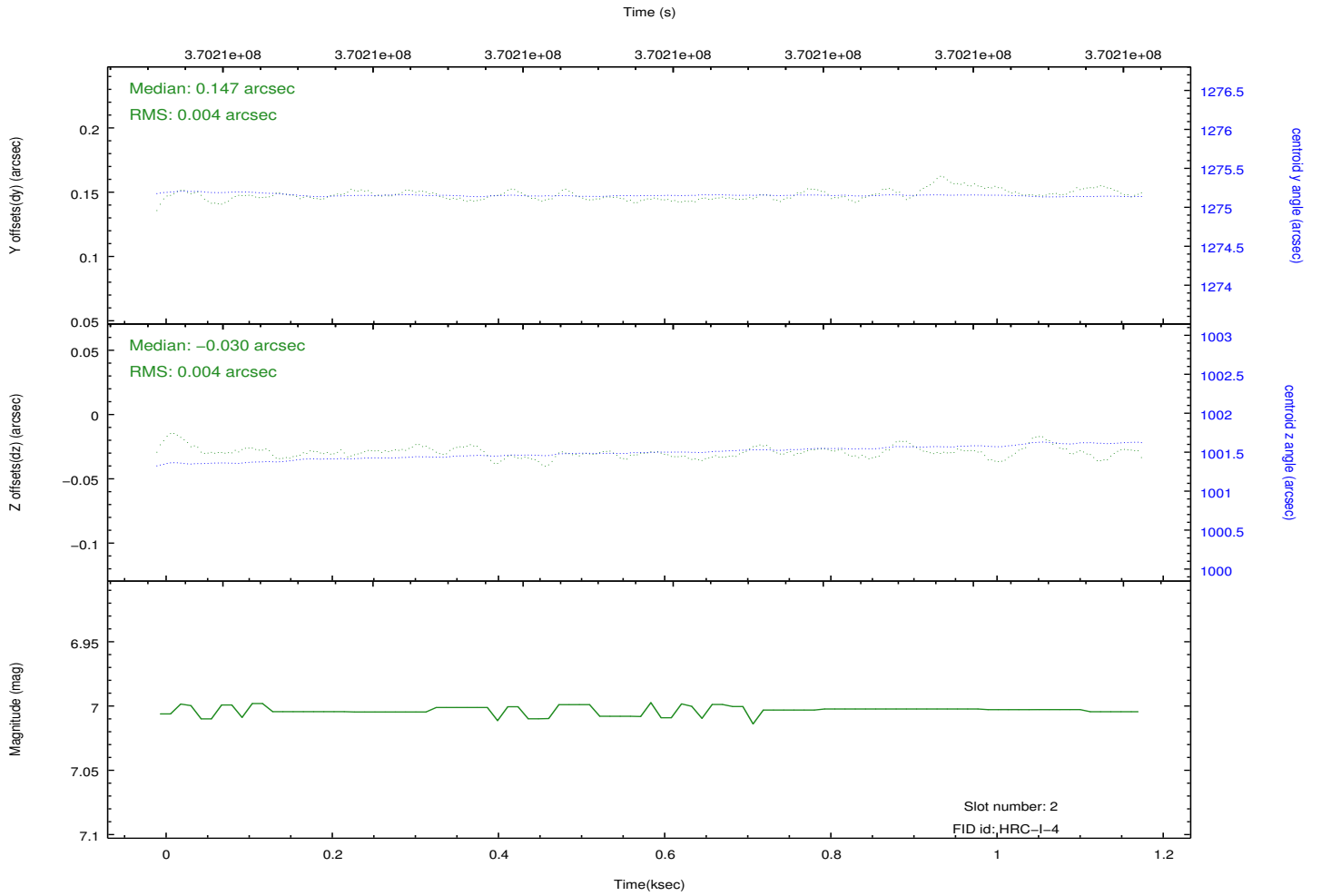
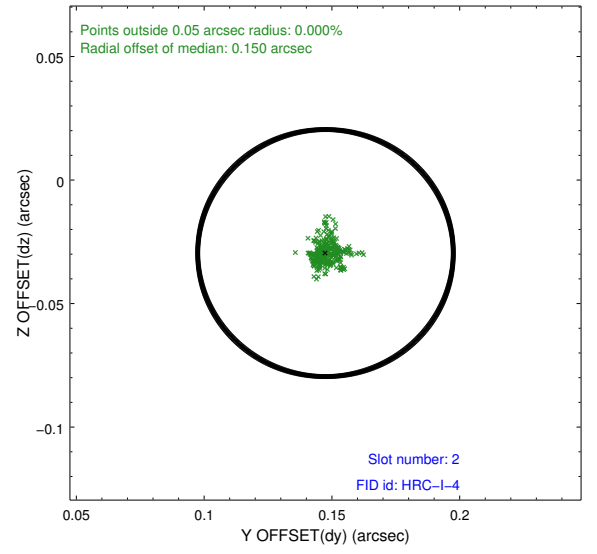
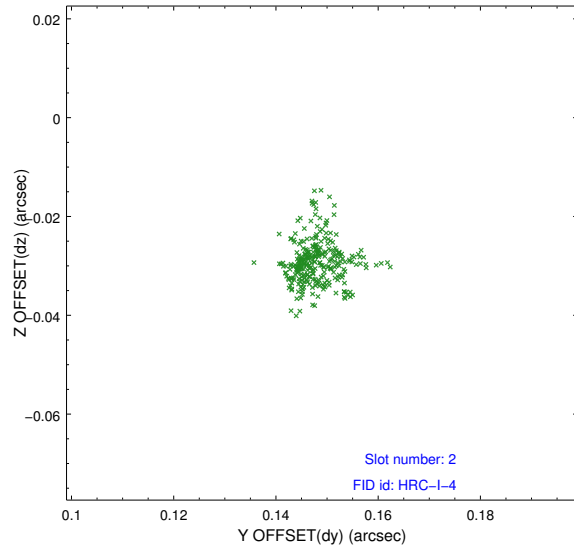
2.5.1 Slot 0



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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1841313094497

A.2 Comments