

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10582 - L2 Version 3
Chandra X-Ray Center

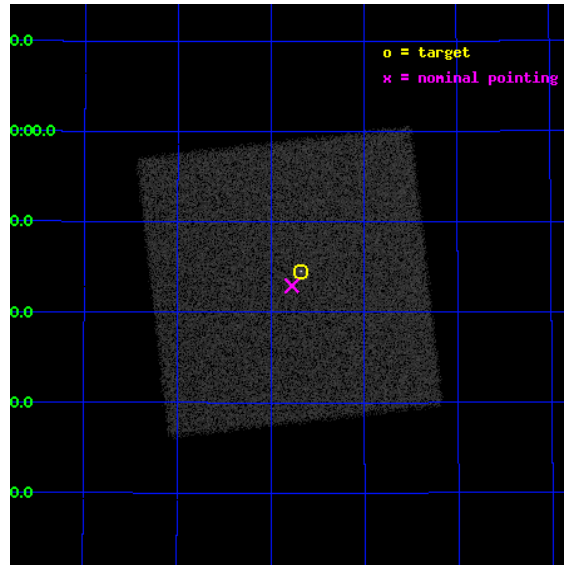
L2 Processing Date : Aug 13 2012

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1 Front

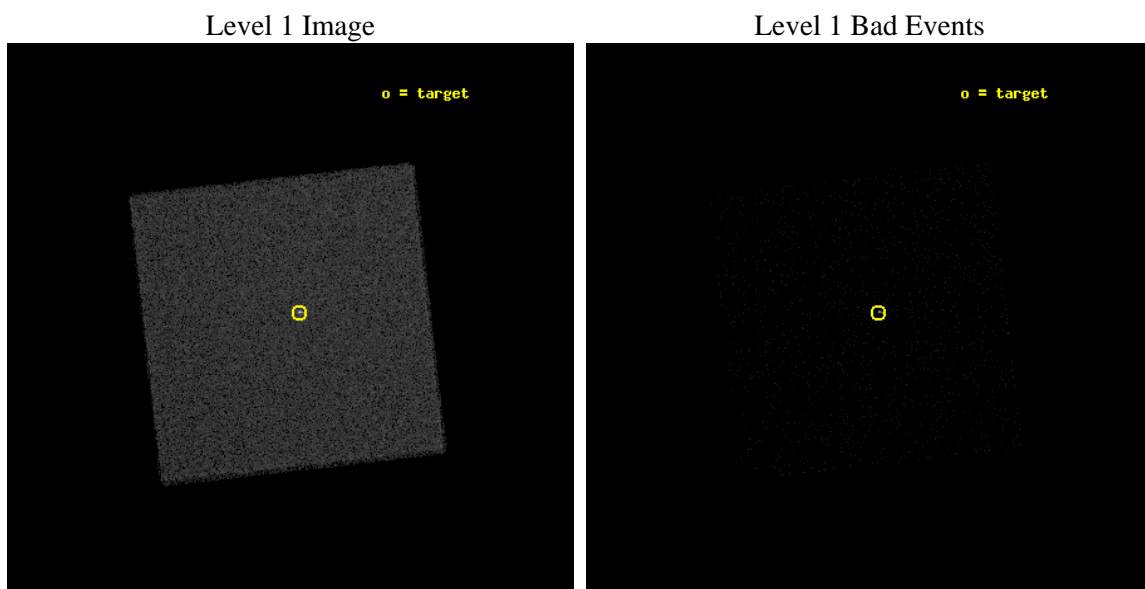
seq_num	290818	Sequence number
obs_id	10582	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.19370742636	Nominal RA [deg]
dec_nom	45.715870400842	Nominal Dec [deg]
roll_nom	218.48063671239	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1175.6750590801	[s]
livetime	1160.8751889596	Ontime multiplied by DTCOR
l2events	94335	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	1175.6750590801	[s]
caldbver	4.5.1.1	 	l1events	174002	Number of level 1 events
date	2012-08-13T13:23:58	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

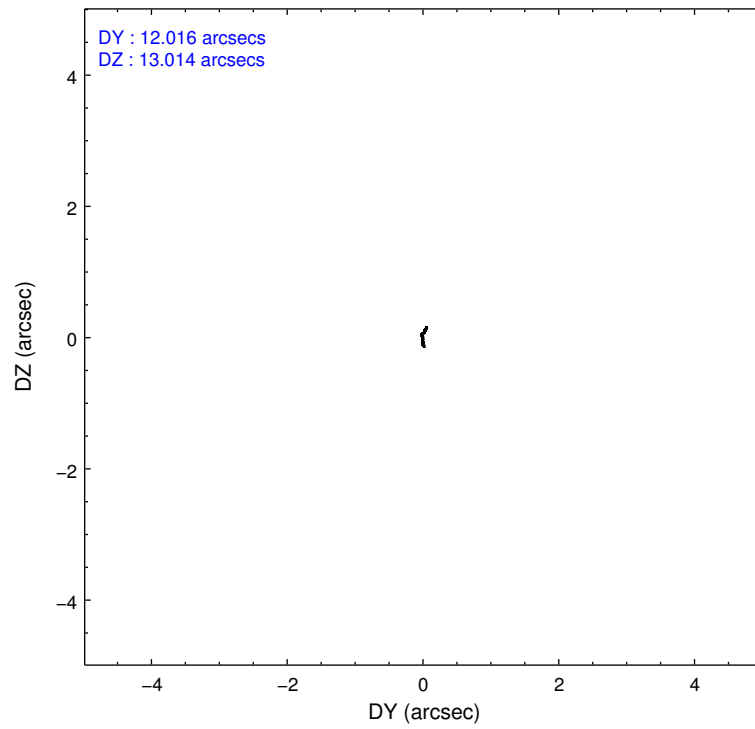
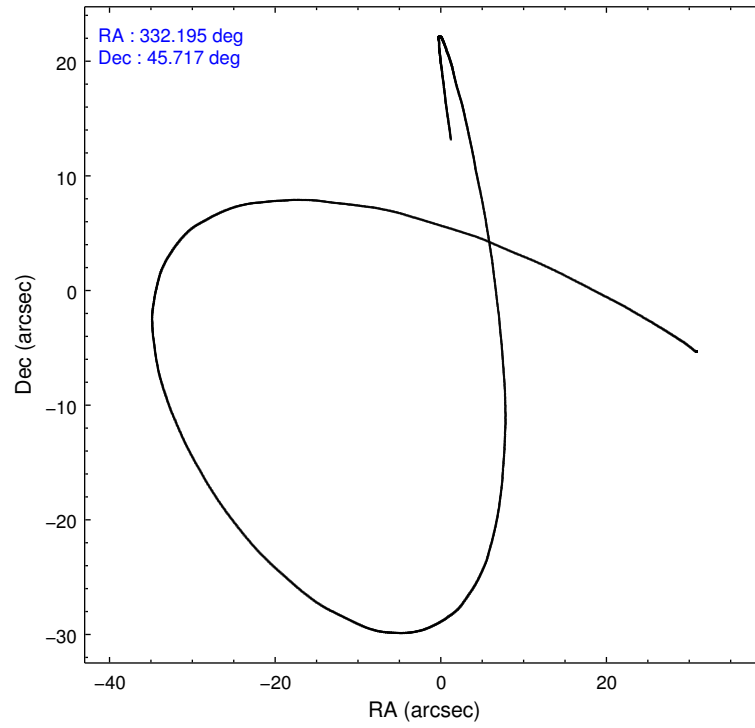
Level 1 Events

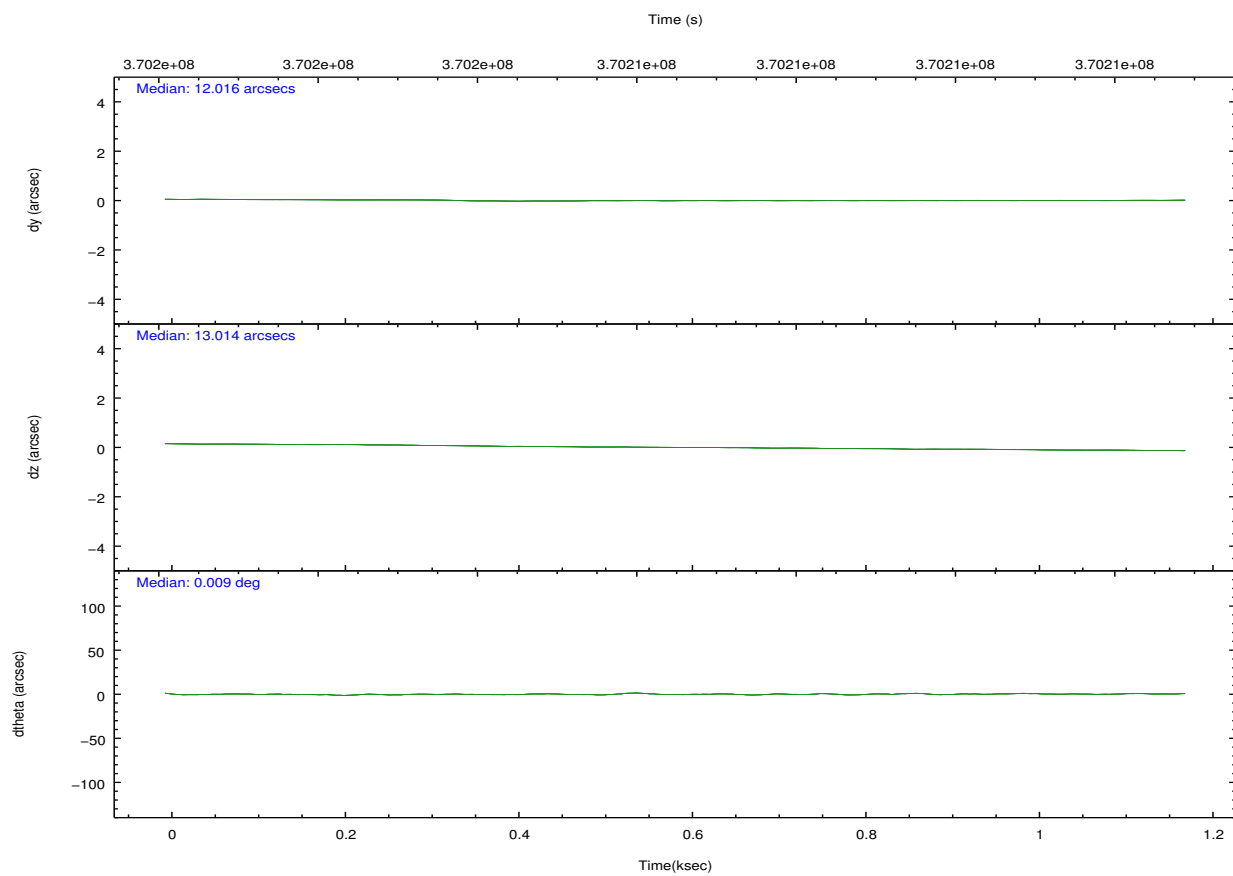
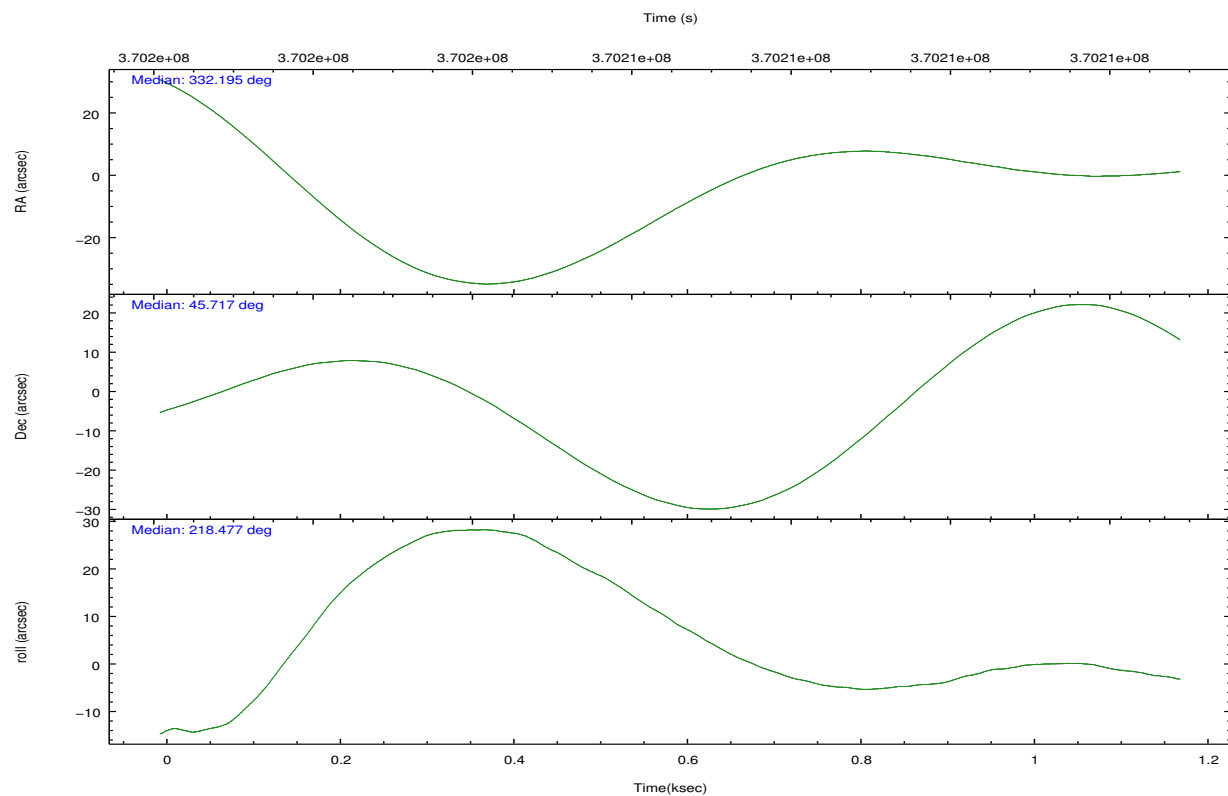
	segment 0
level 1 events	174002
rejected events	38362
rejected %	22%

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	332.207439	332.1937074263589			
[deg] Pointing Dec	45.740552	45.71587040084179			
[deg] Pointing Roll	218.566237	218.4806367123862			
[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)	370204839.184000	370204463.73391			
Observation start date	2009-09-24T18:39:33	2009-09-24T18:34:23			
[s] Observation end time (MET)	370205839.184000	370205973.55899			
Observation end date	2009-09-24T18:56:13	2009-09-24T18:59:33			

2.3 Aspect



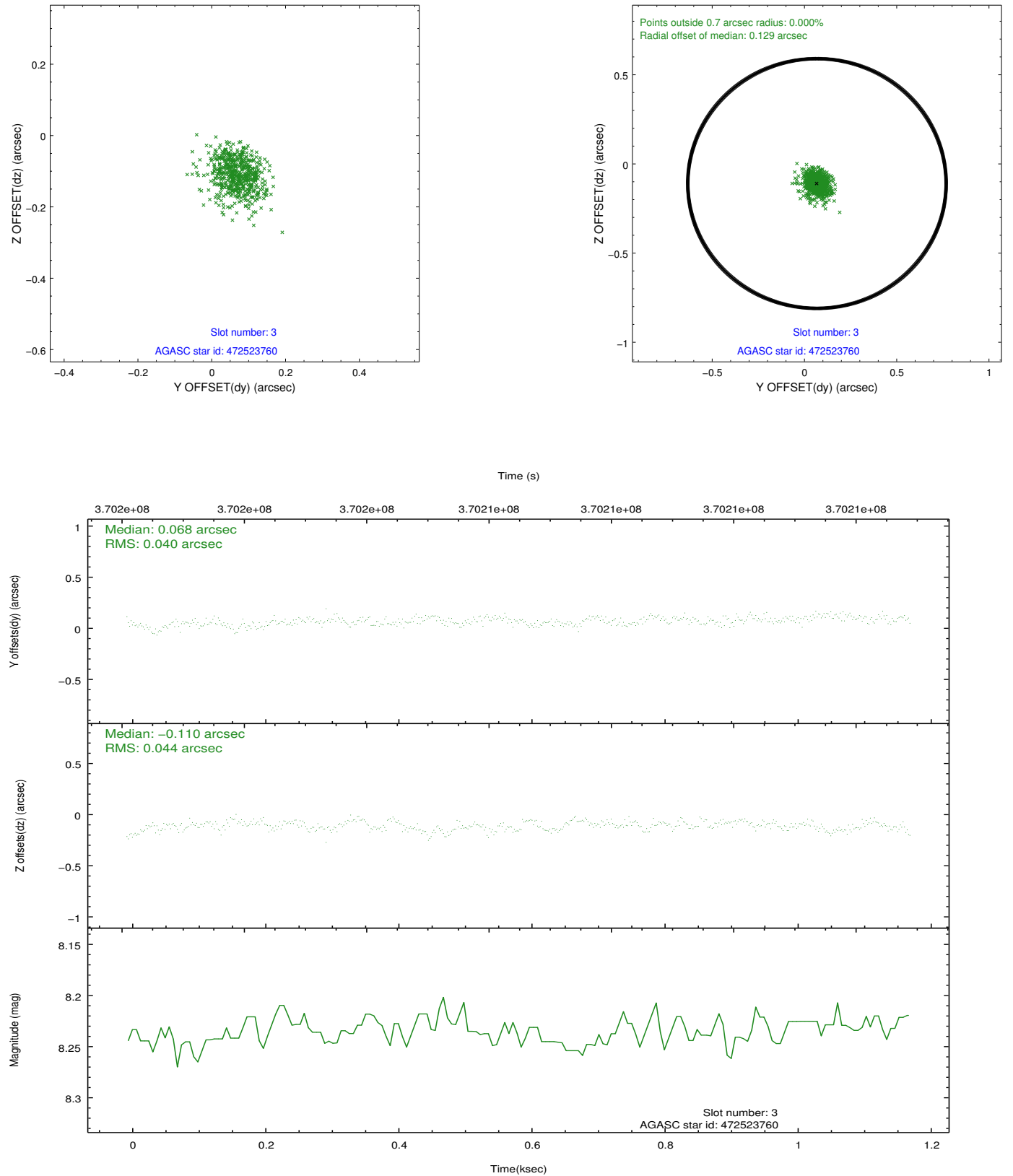


Slot Statistics

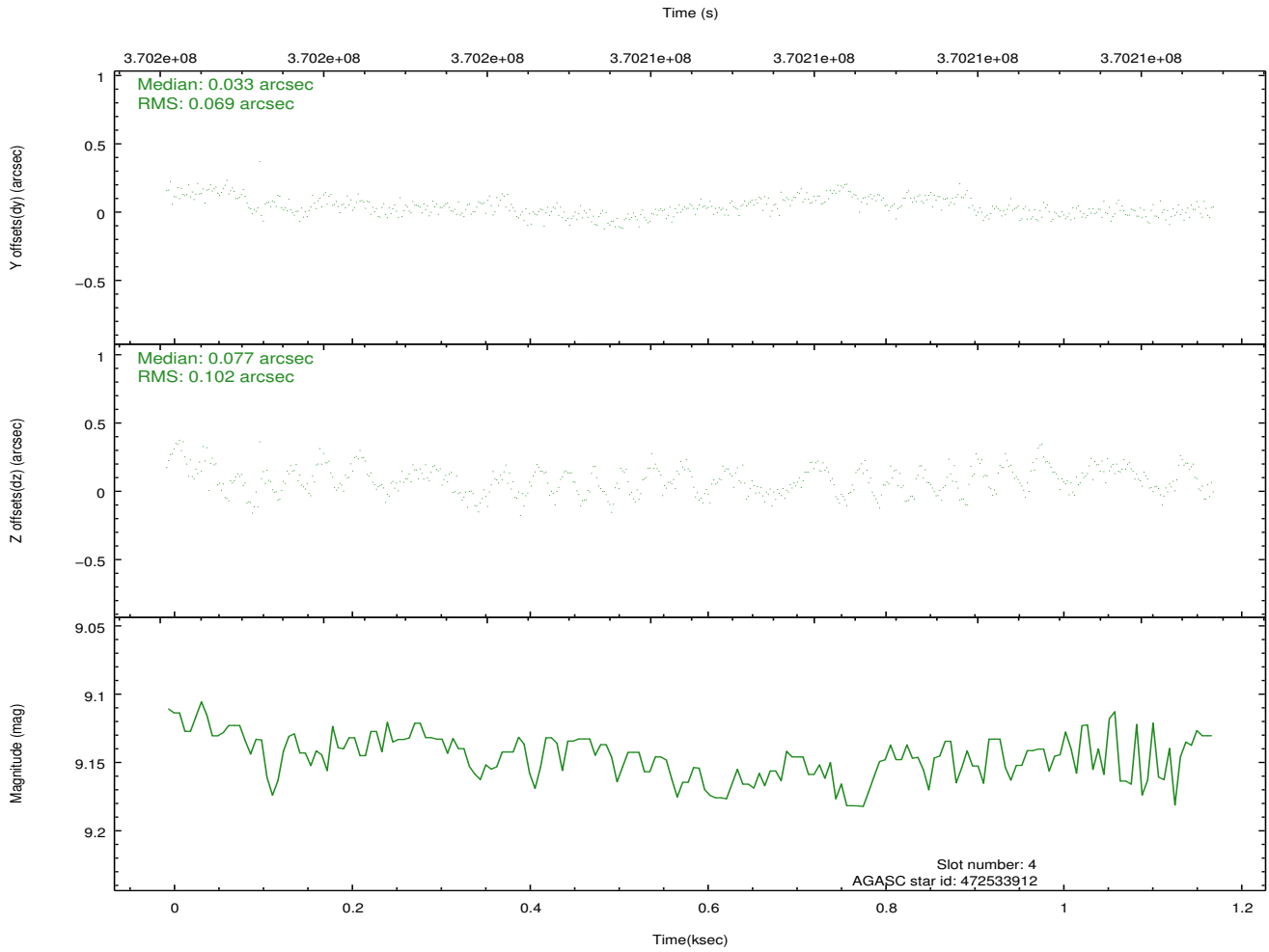
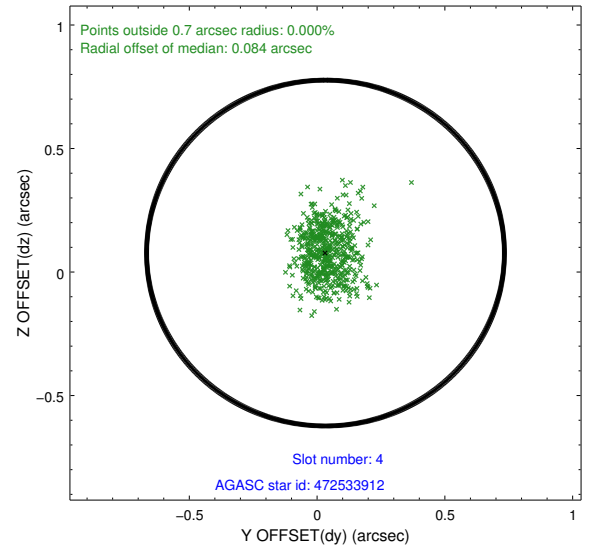
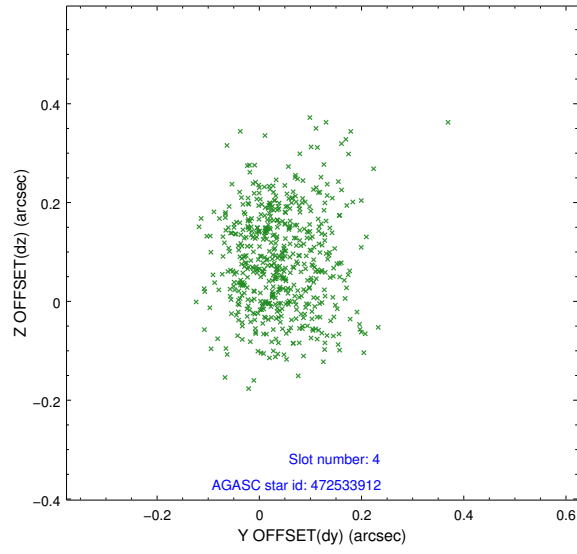
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.02	287	0.124	-0.126	0.007	0.011	0.000000	0.000000	845.00	-1302.69
1	FID	HRC-I-3	7.07	287	-0.151	0.066	0.007	0.011	0.000000	0.000000	-1193.43	999.12
2	FID	HRC-I-4	7.00	287	0.146	-0.027	0.008	0.011	0.000000	0.000000	1271.05	1004.62
3	GUIDE	472523760	8.23	574	0.068	-0.110	0.061	0.104	331.645363	45.403260	1866.58	62.87
4	GUIDE	472533912	9.14	575	0.033	0.077	0.126	0.210	331.791136	46.368695	-597.80	-2411.65
5	GUIDE	472655152	9.43	575	0.059	-0.156	0.128	0.199	332.504239	45.862991	-856.70	116.98
6	GUIDE	472665256	9.02	575	0.121	0.128	0.087	0.142	332.808125	46.195041	-2193.57	-347.19
7	GUIDE	472525528	6.65	574	-0.295	0.074	0.074	0.125	331.551102	45.248694	2397.86	344.76

2.4 Star Slots

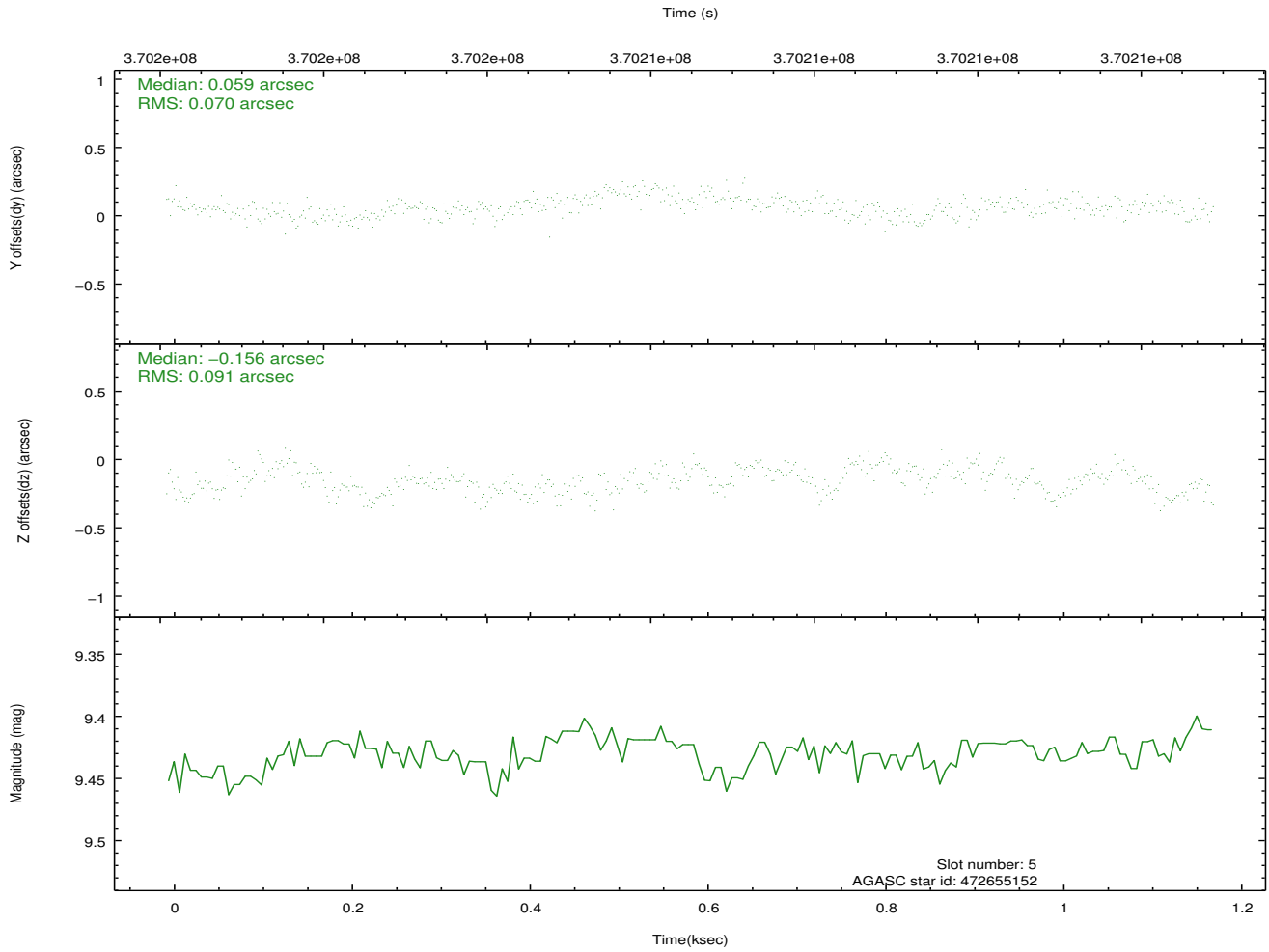
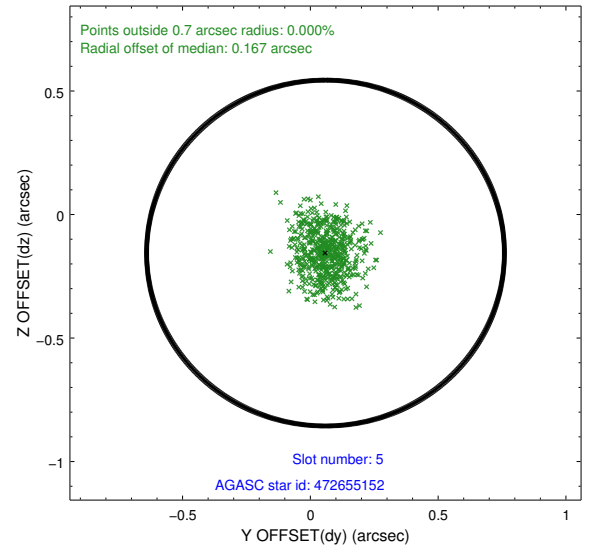
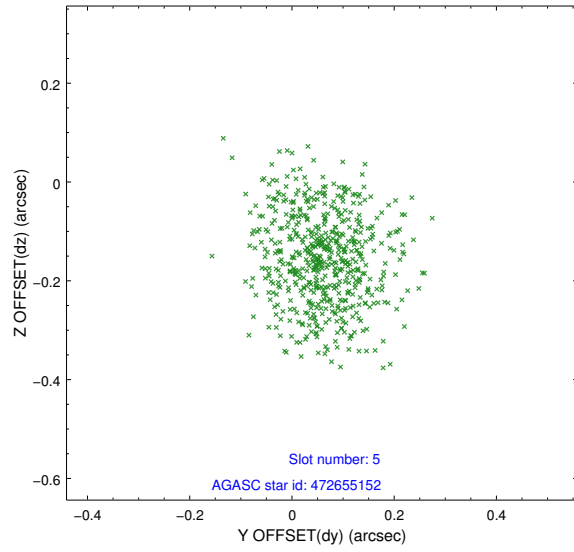
2.4.1 Slot 3



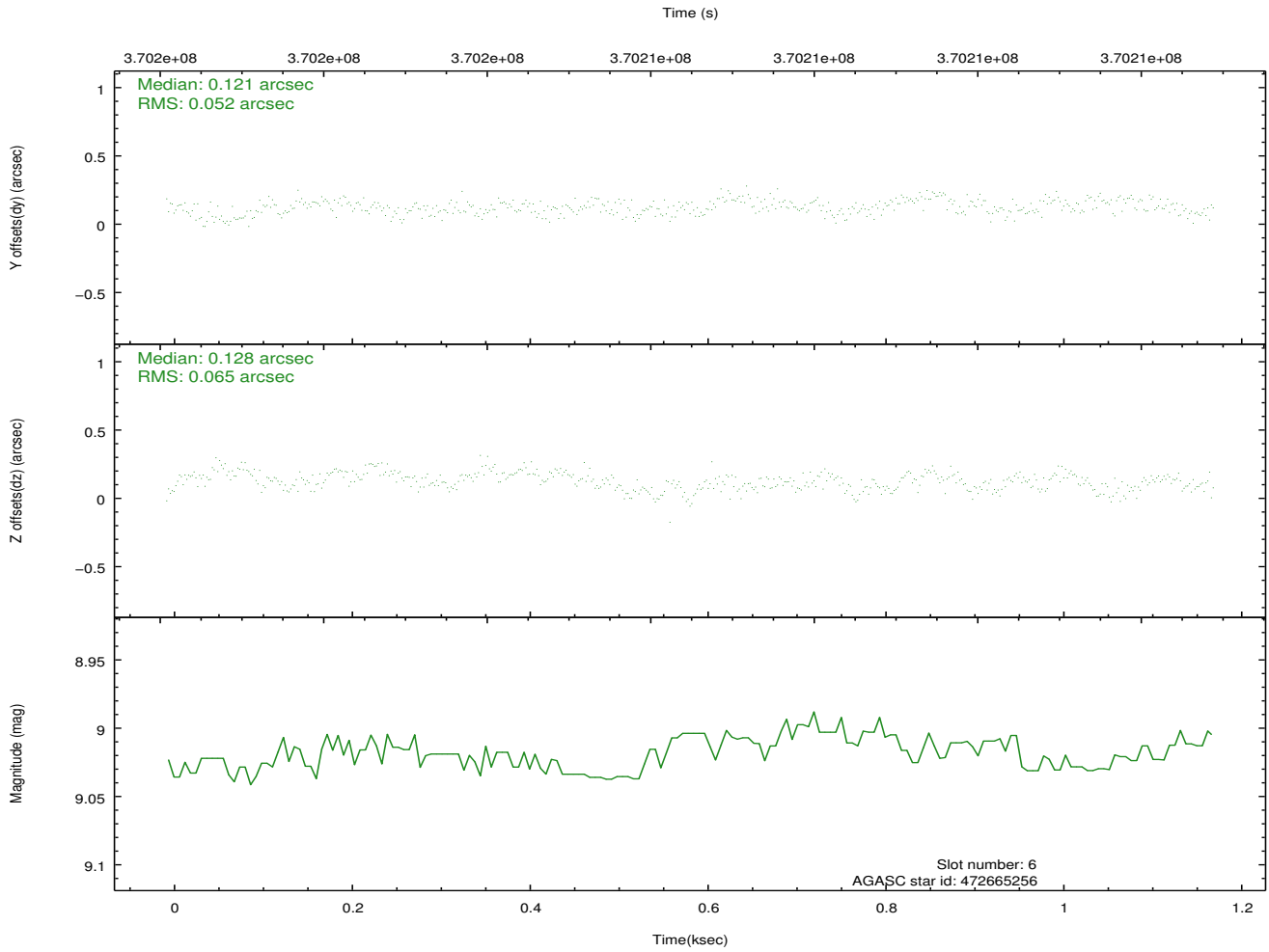
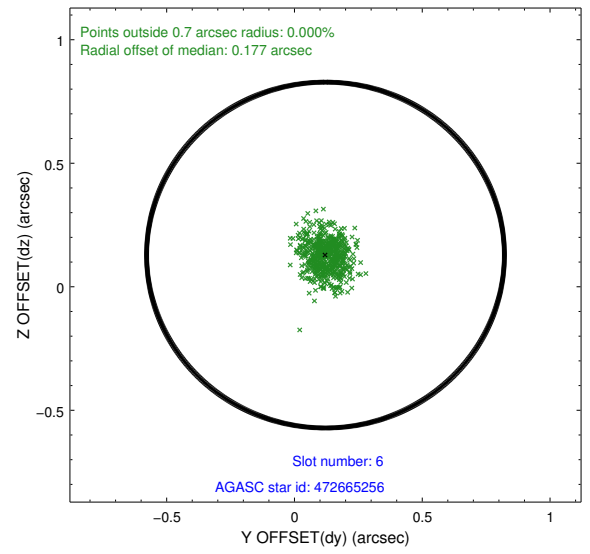
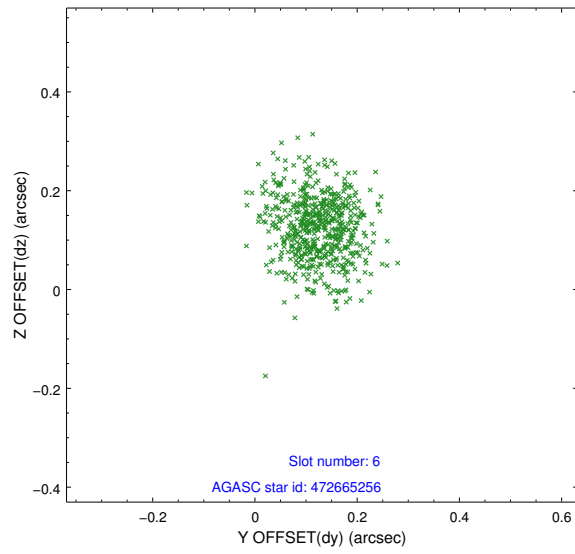
2.4.2 Slot 4



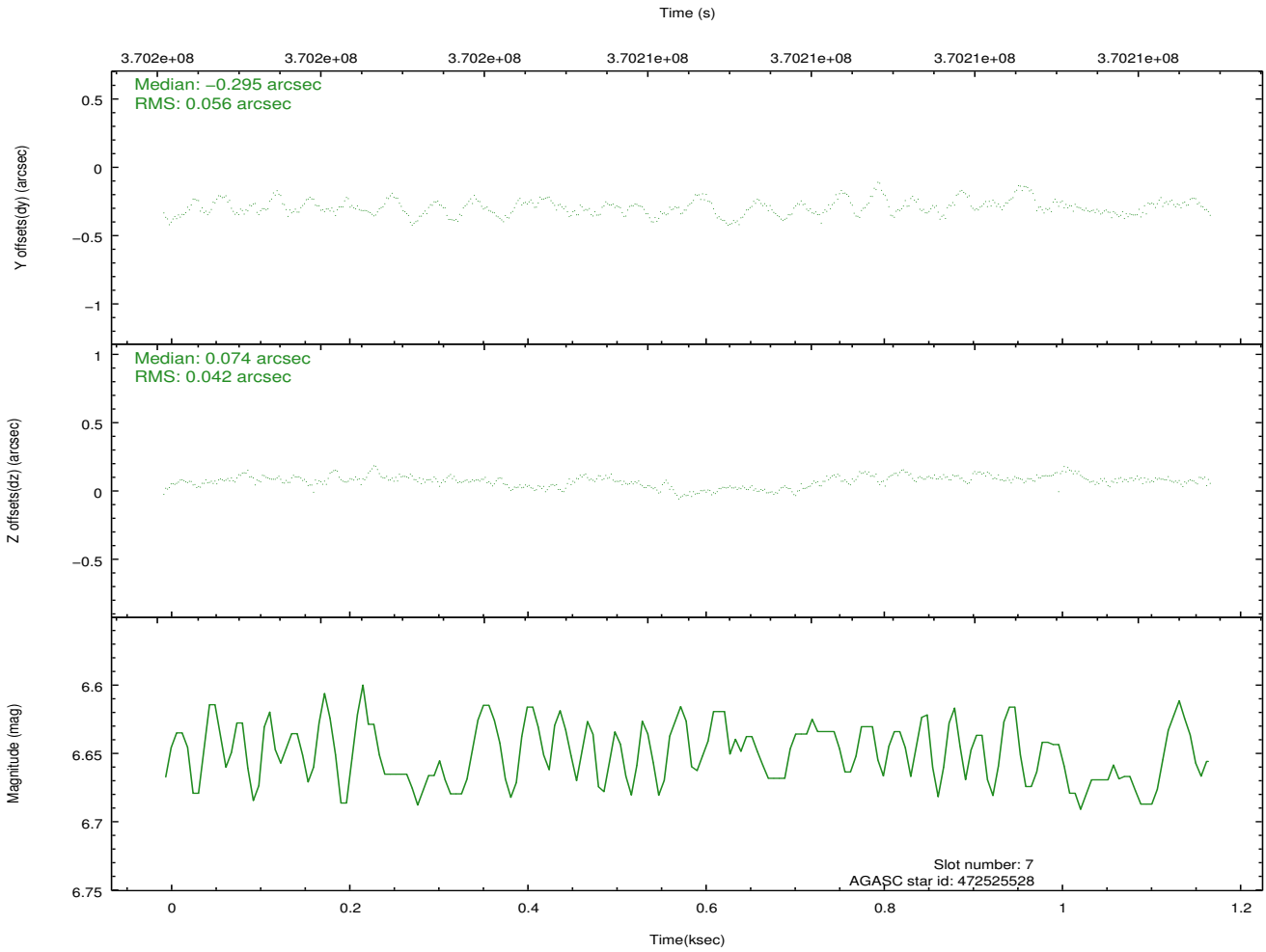
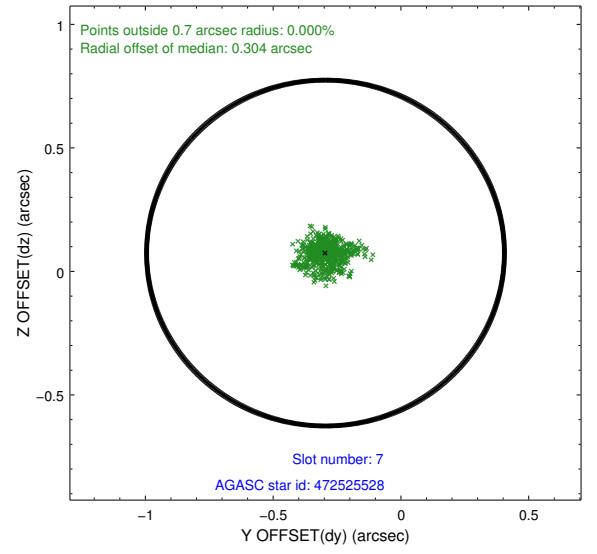
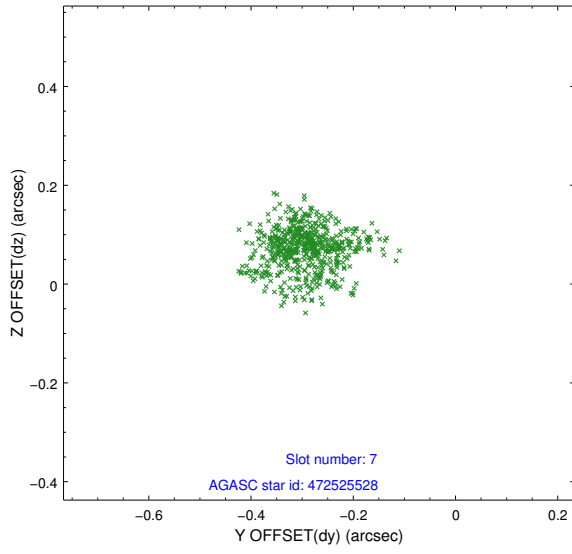
2.4.3 Slot 5



2.4.4 Slot 6

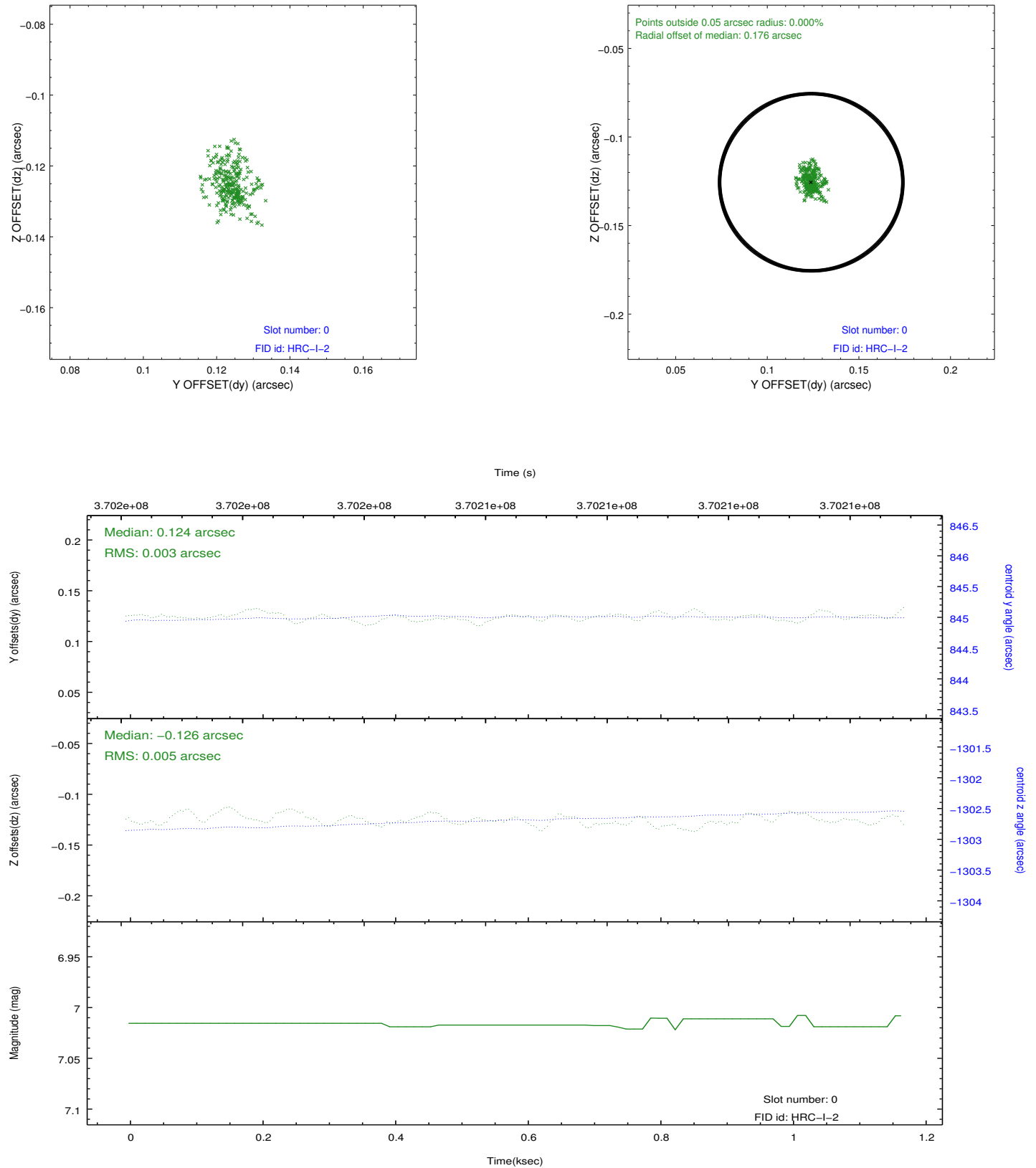


2.4.5 Slot 7

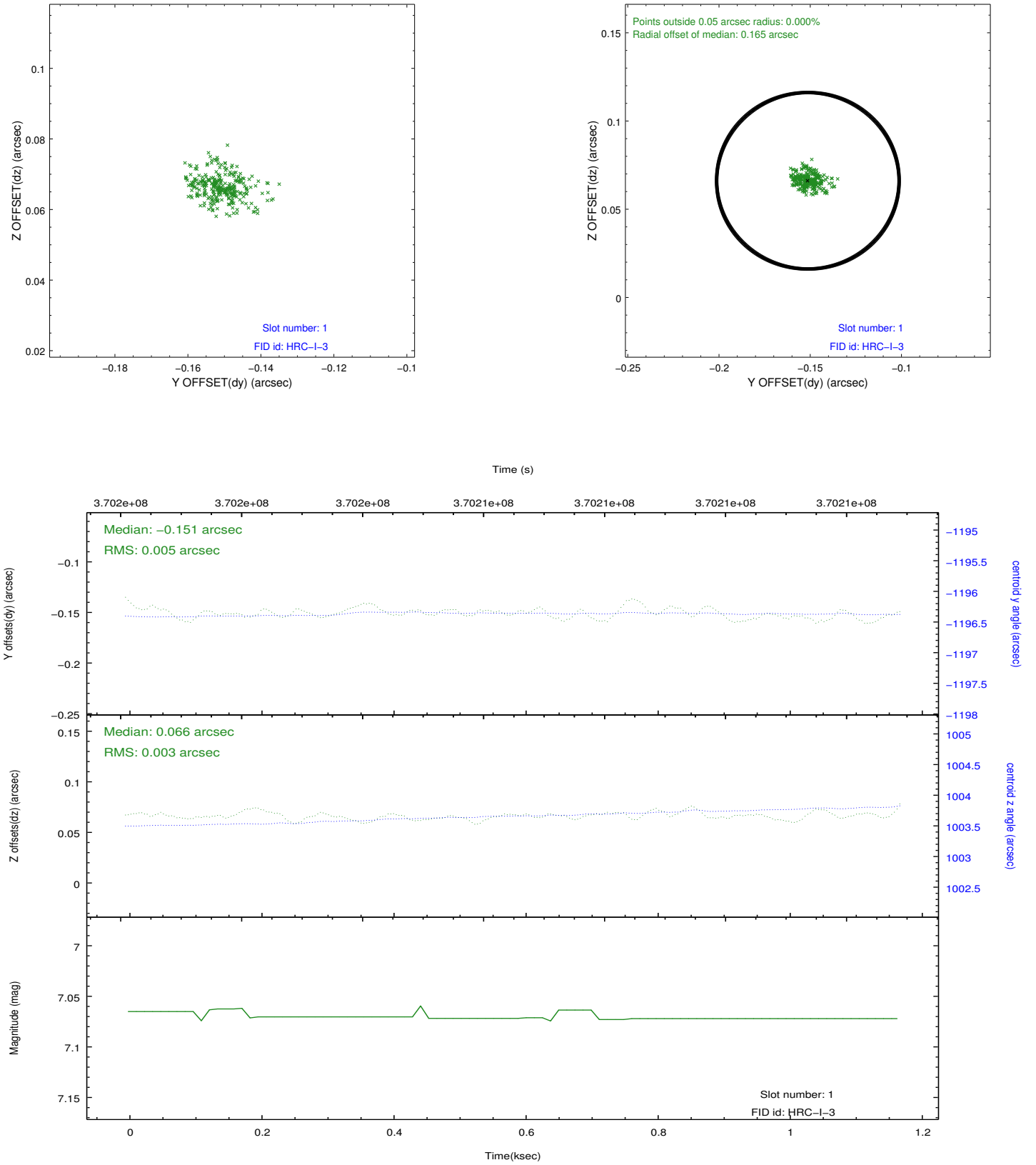


2.5 FID Slots

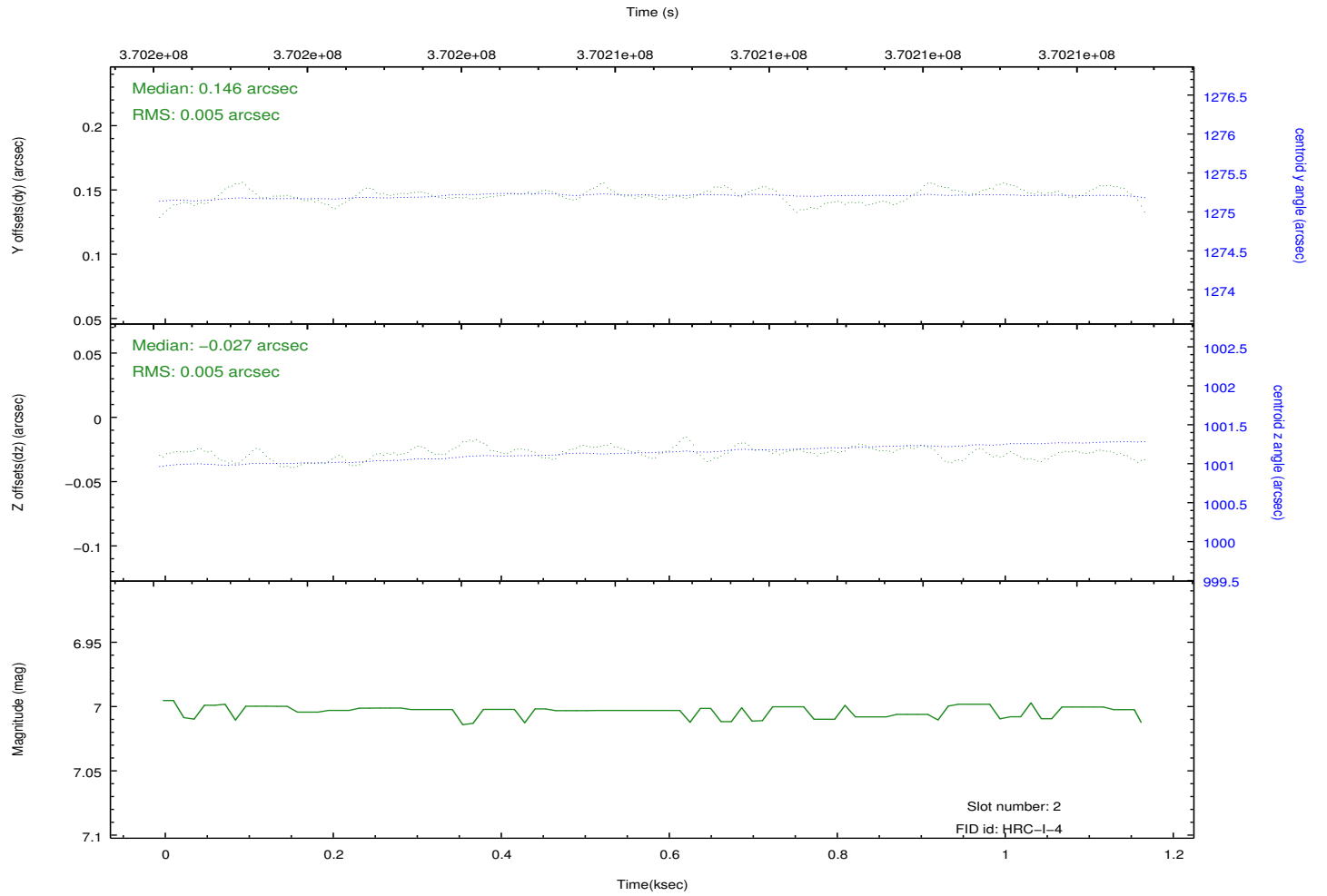
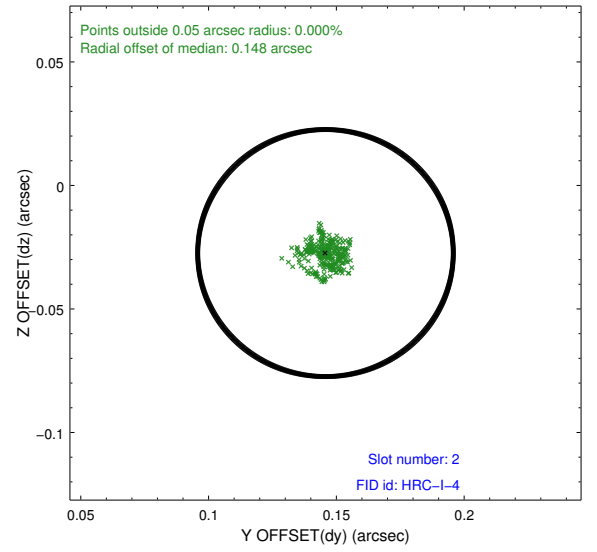
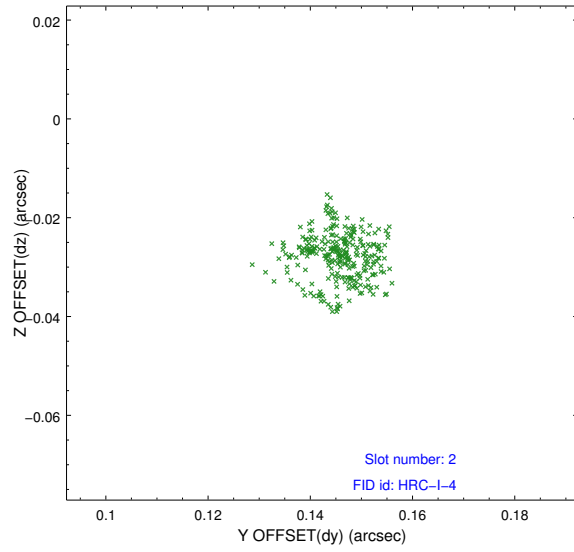
2.5.1 Slot 0



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	1.1759313090444

A.2 Comments