

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8312 - L2 Version 4
Chandra X-Ray Center

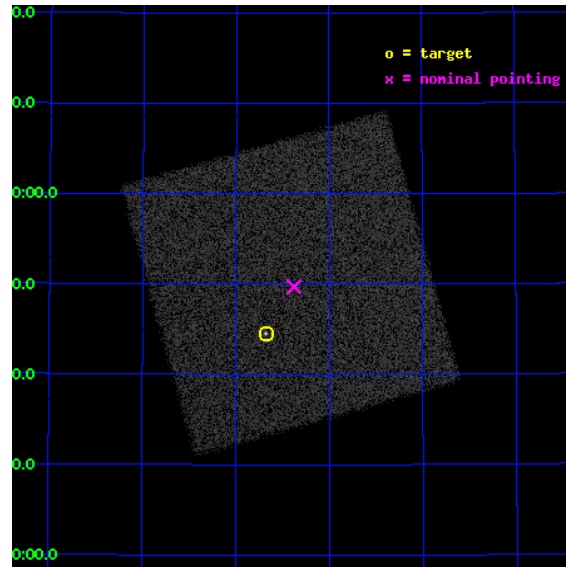
L2 Processing Date : Aug 11 2012

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1 Front

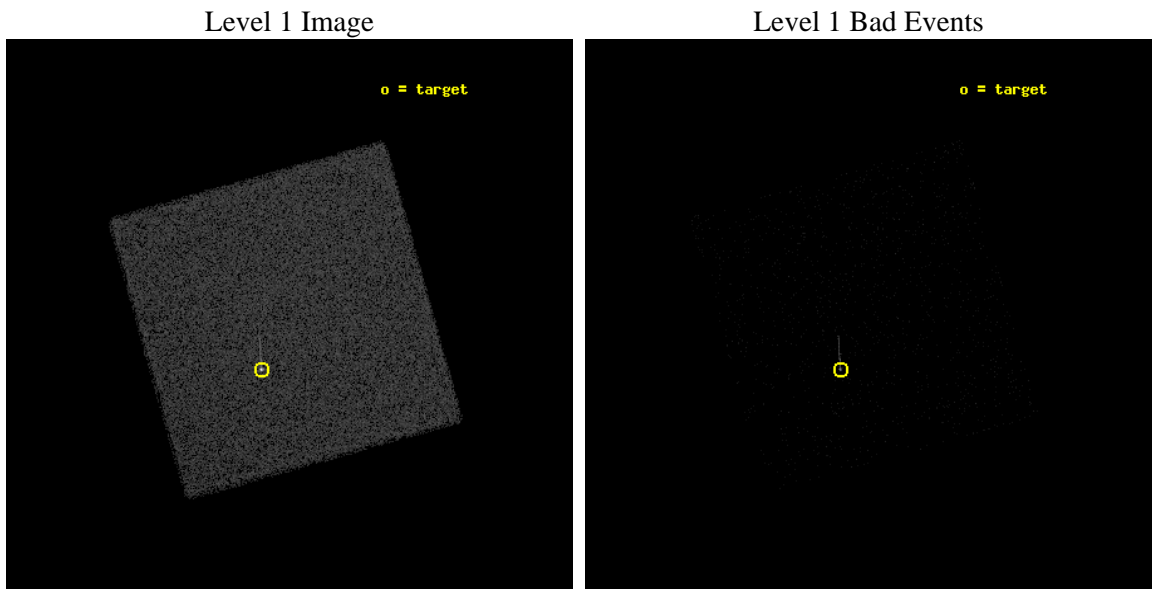
seq_num	290691	Sequence number
obs_id	8312	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.0944913743	Nominal RA [deg]
dec_nom	45.828513159405	Nominal Dec [deg]
roll_nom	209.29524329476	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1180.0313068032	[s]
livetime	1167.7505226171	Ontime multiplied by DTCOR
l2events	72242	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	1180.0313068032	[s]
caldbver	4.5.1.1	 	l1events	135187	Number of level 1 events
date	2012-08-12T01:44:09	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

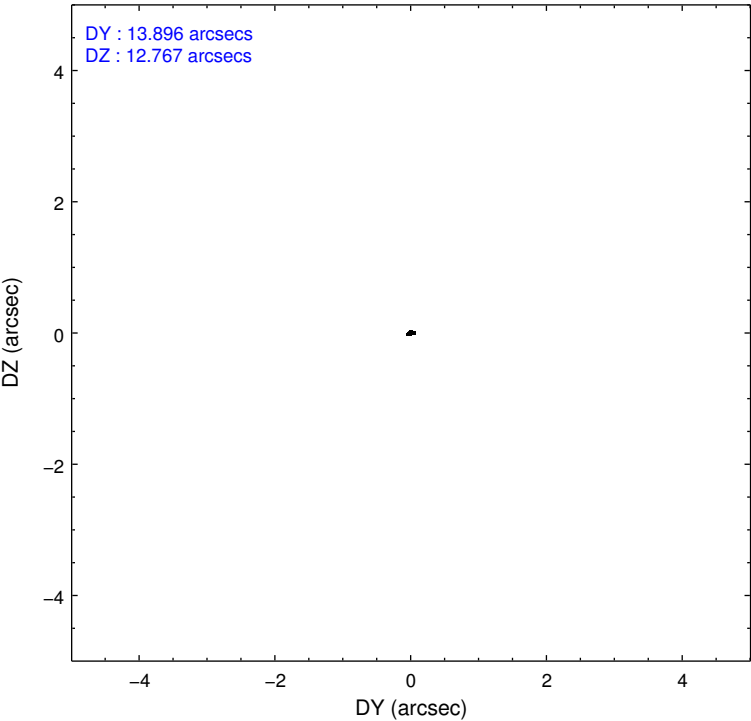
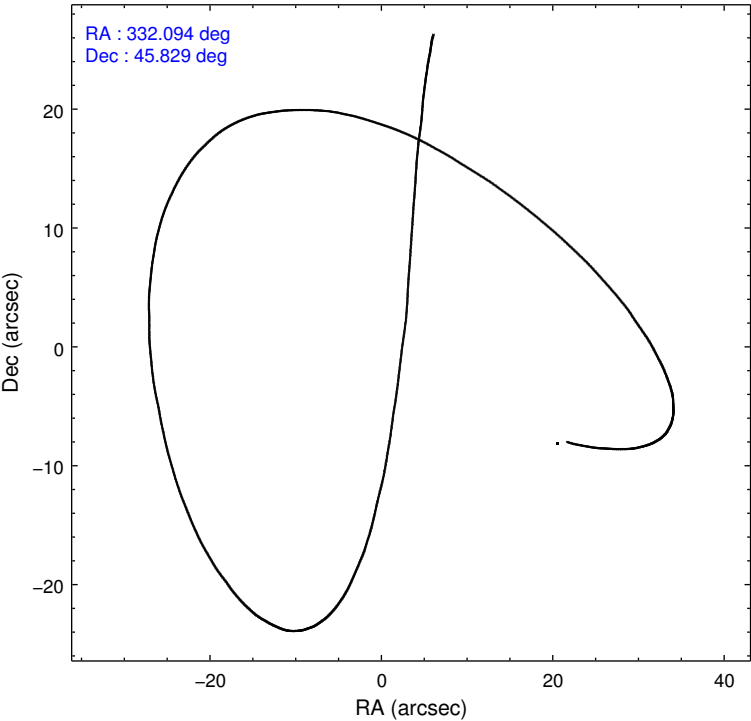
	segment 0
level 1 events	135187
rejected events	29505
rejected %	21%

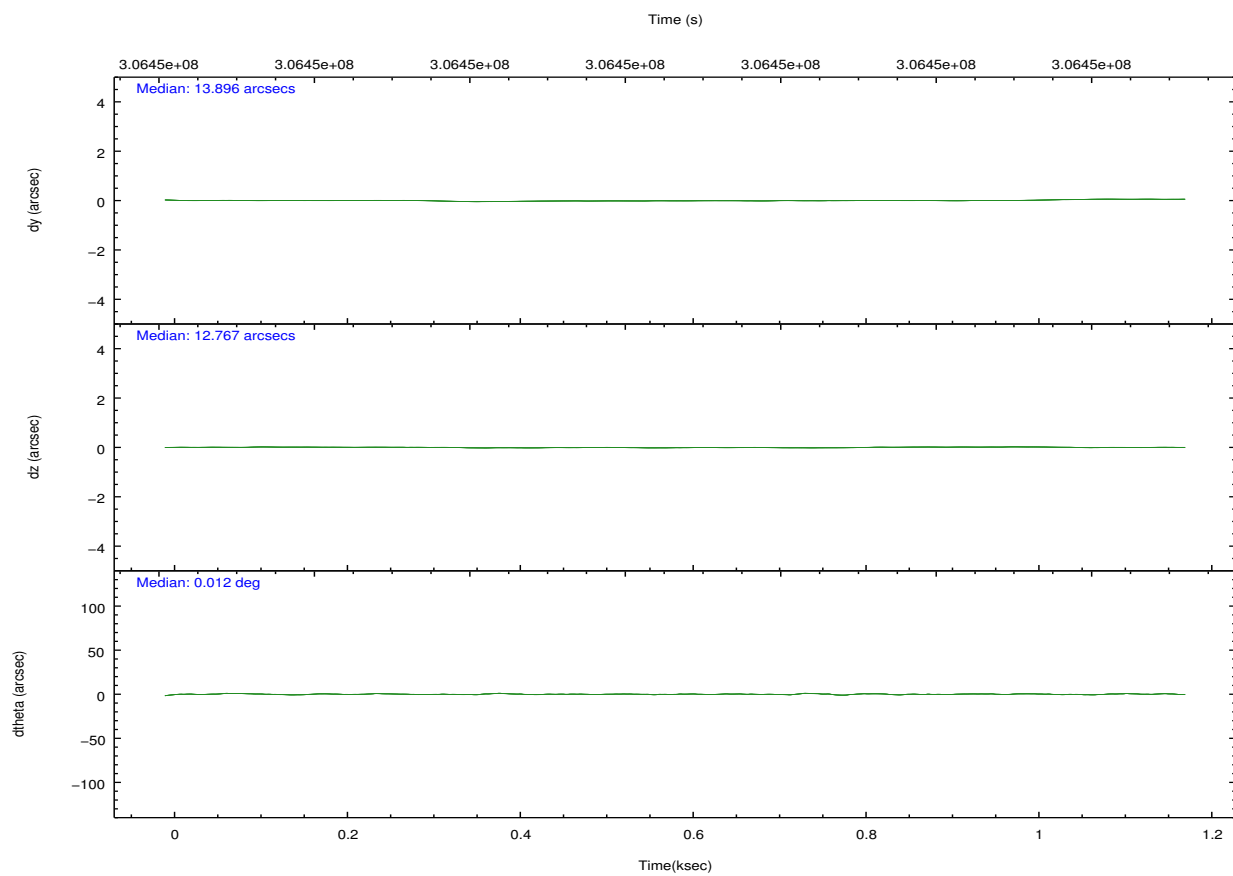
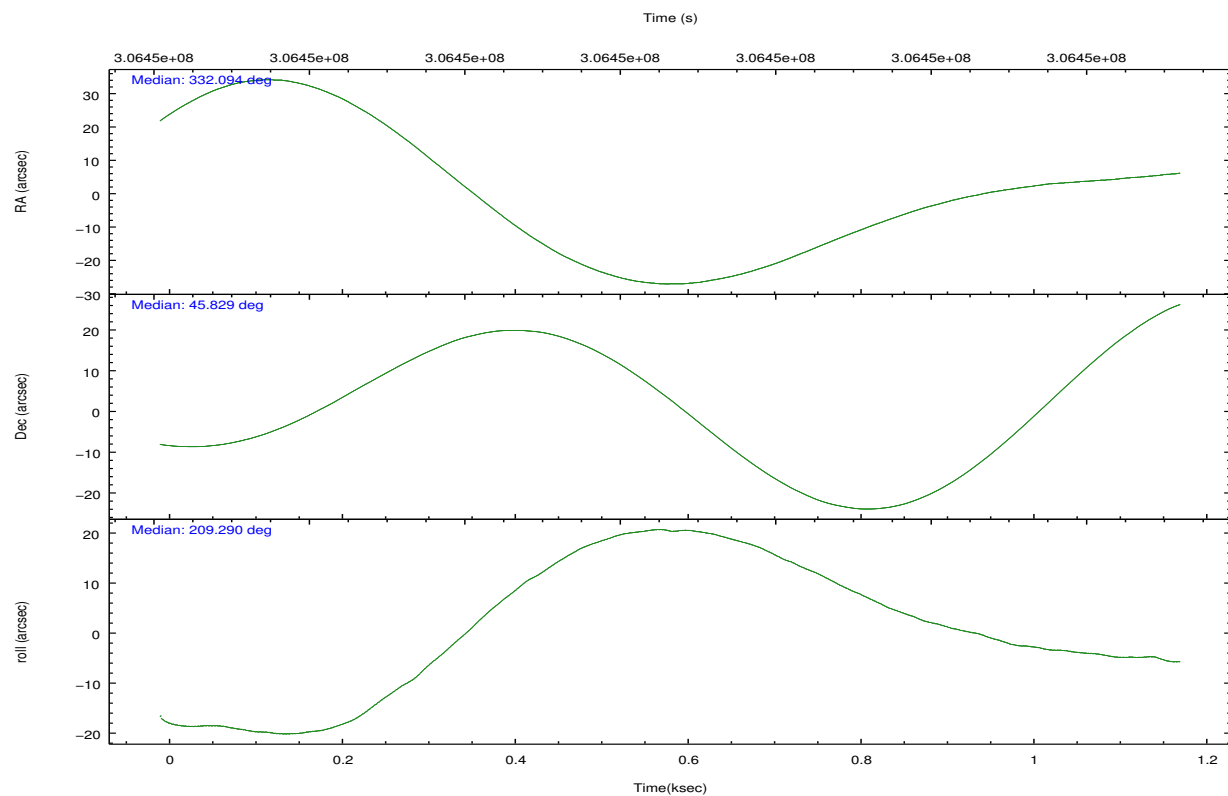
2.2 Compared Parameters

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	332.112828	332.0944913742952
[deg] Pointing Dec	45.852599	45.8285131594047
[deg] Pointing Roll	209.377561	209.2952432947648
[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)	306445642.184000	306445266.0142
Observation start date	2007-09-17T19:46:17	2007-09-17T19:41:06
[s] Observation end time (MET)	306446642.184000	306446775.83927
Observation end date	2007-09-17T20:02:57	2007-09-17T20:06:15

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

2.3 Aspect



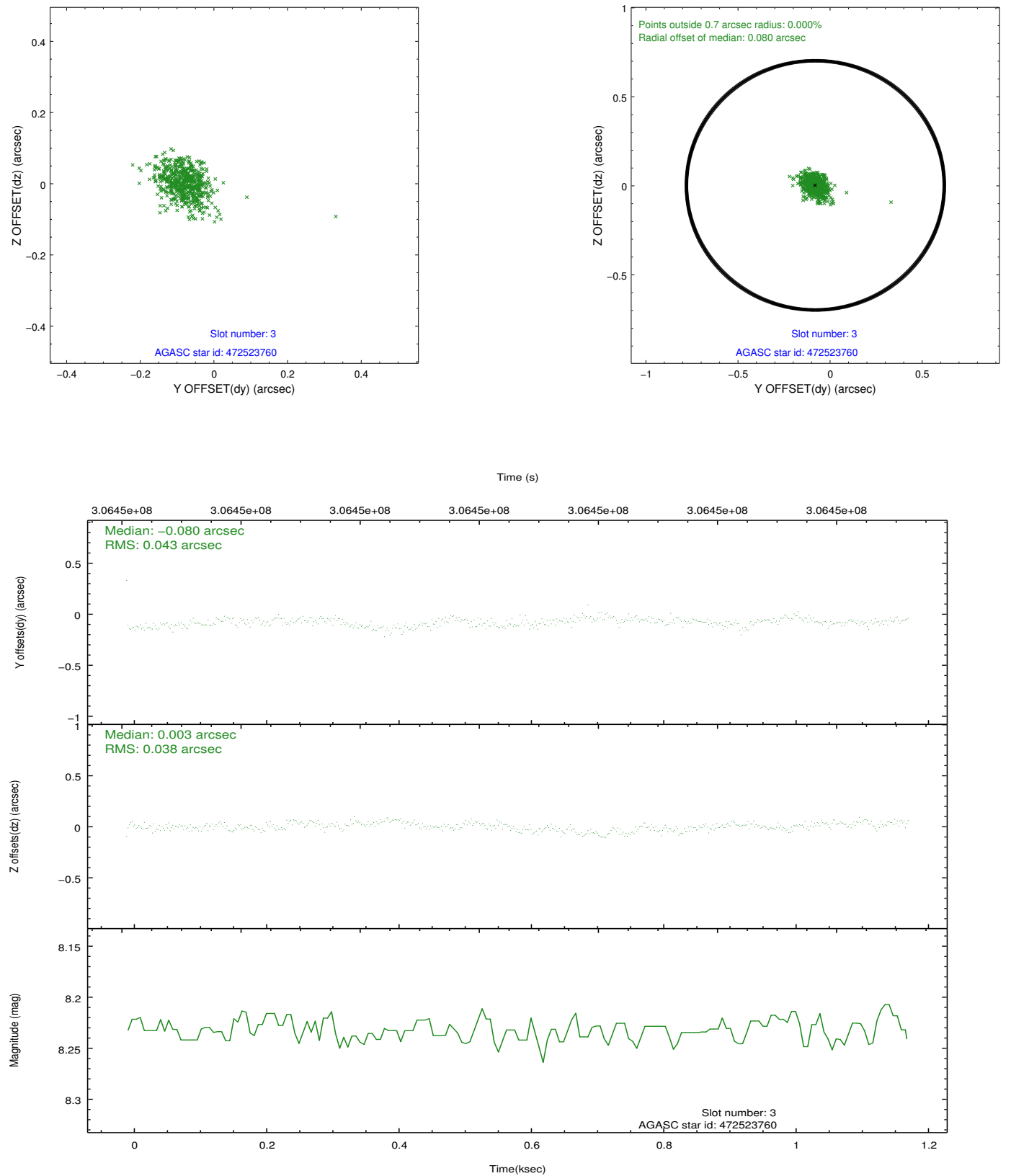


Slot Statistics

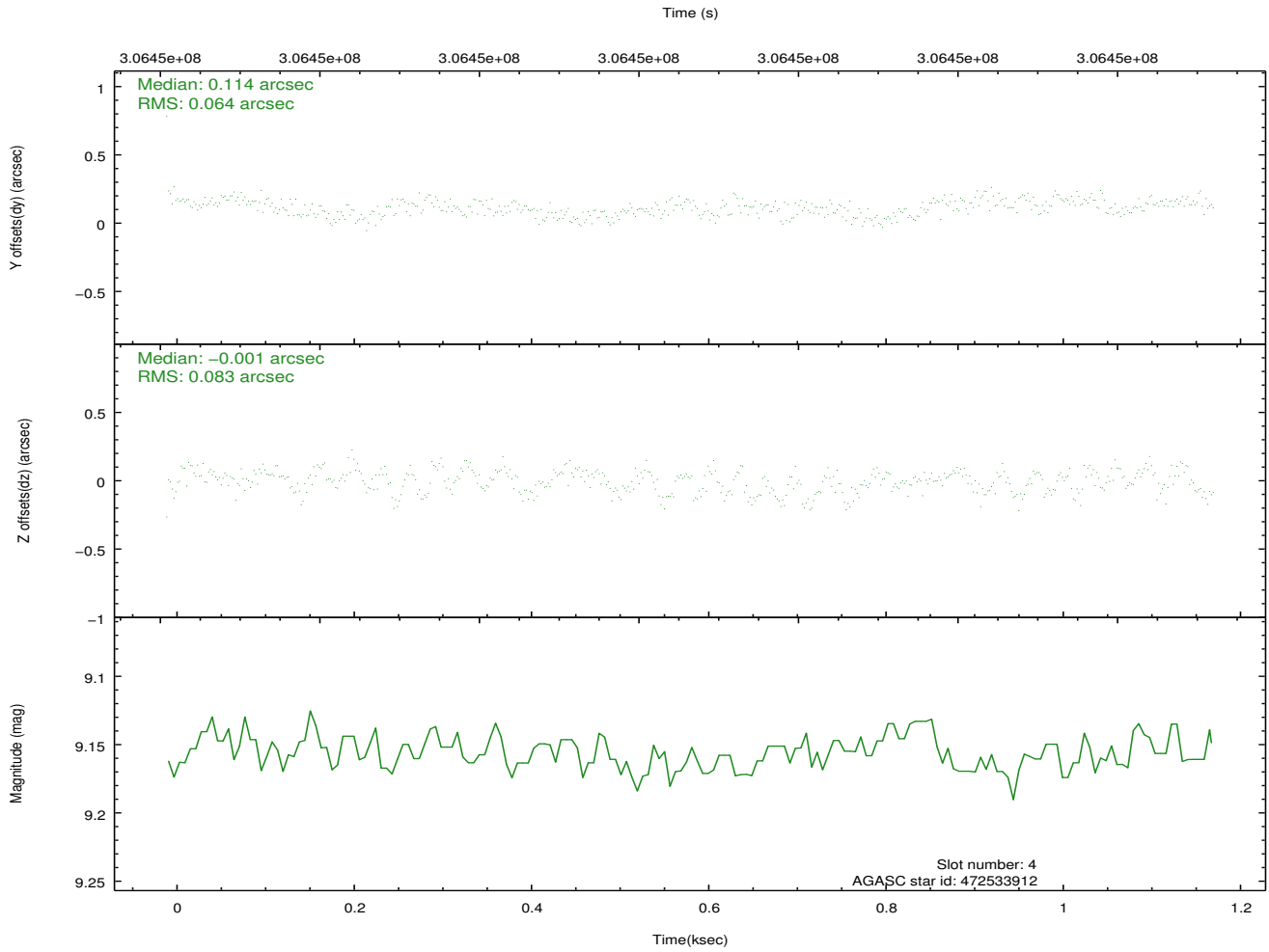
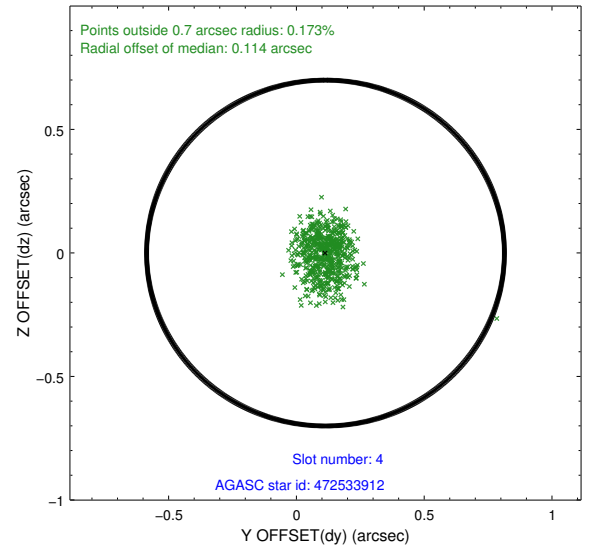
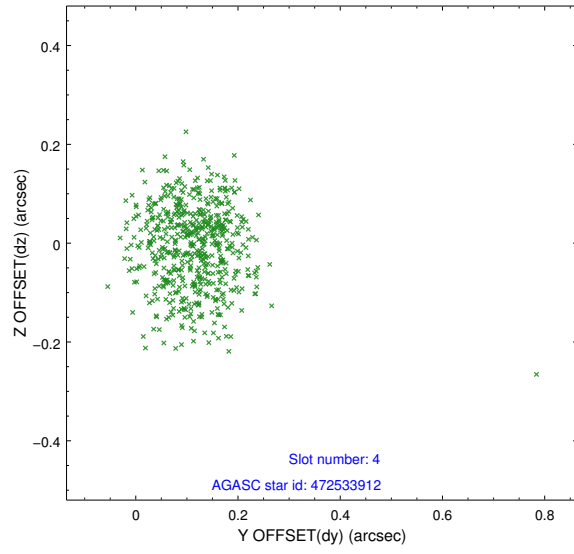
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	288	0.043	-0.017	0.006	0.010	0.000000	0.000000	-769.70	-1300.81
1	FID	HRC-I-3	7.07	288	-0.087	-0.034	0.007	0.011	0.000000	0.000000	-1200.86	999.25
2	FID	HRC-I-4	7.01	288	0.158	-0.038	0.005	0.009	0.000000	0.000000	1269.16	1004.70
3	GUIDE	472523760	8.23	577	-0.080	0.003	0.058	0.097	331.645363	45.403260	1822.97	825.21
4	GUIDE	472533912	9.16	577	0.114	-0.001	0.110	0.168	331.791136	46.368695	-210.92	-2012.96
5	GUIDE	472535576	7.86	577	-0.176	0.111	0.063	0.103	331.438373	46.291802	684.06	-2212.28
6	GUIDE	472655152	9.43	574	0.042	-0.152	0.100	0.164	332.504239	45.862991	-871.96	440.74
7	GUIDE	472665256	9.01	575	0.110	0.057	0.077	0.129	332.808125	46.195041	-2118.20	-232.20

2.4 Star Slots

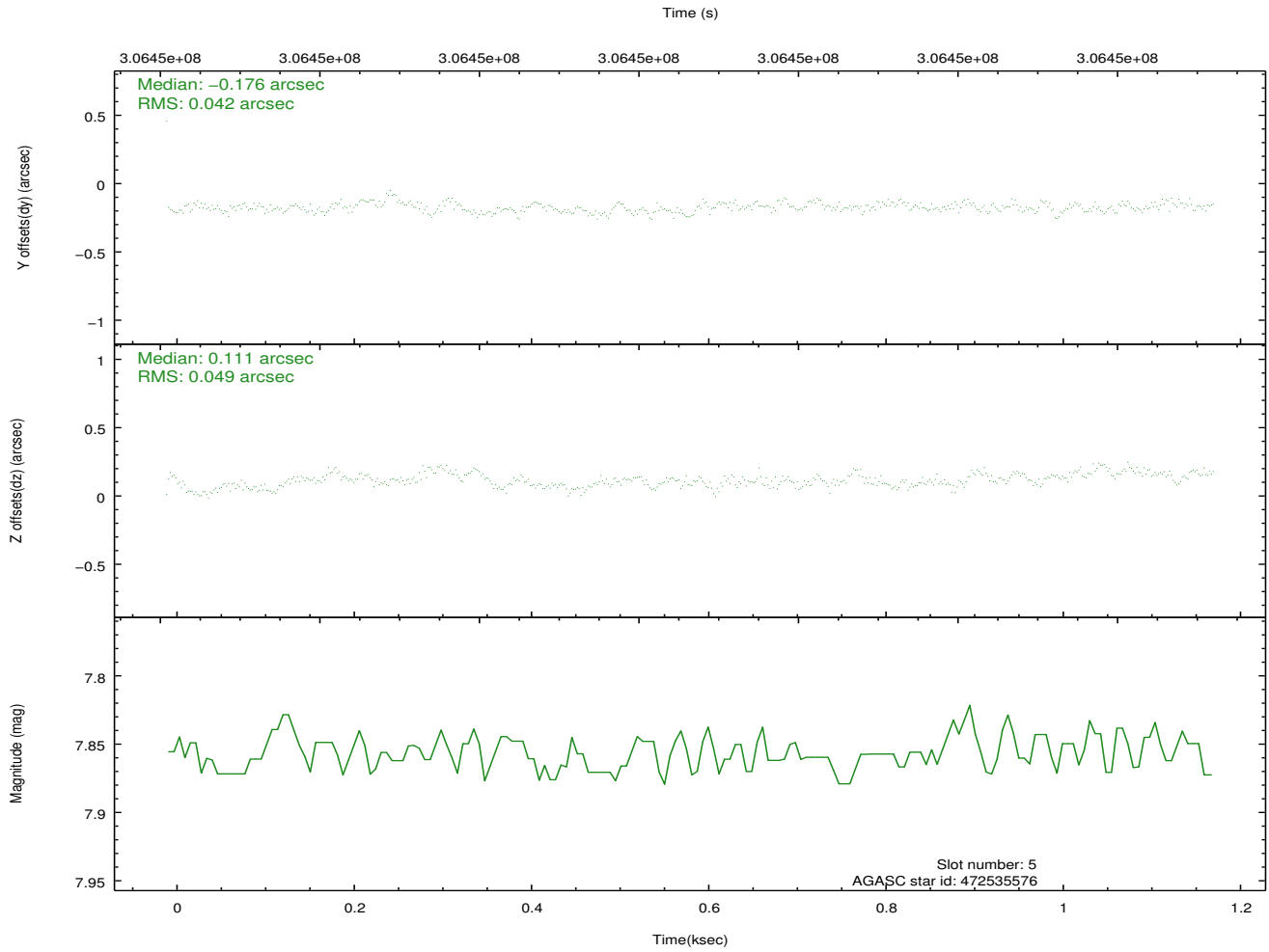
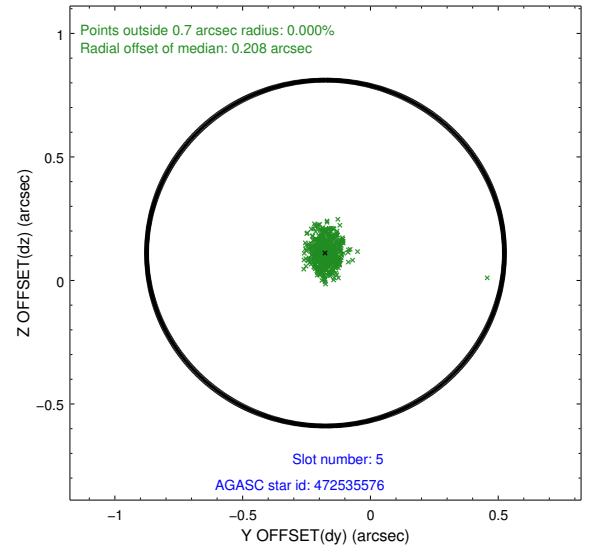
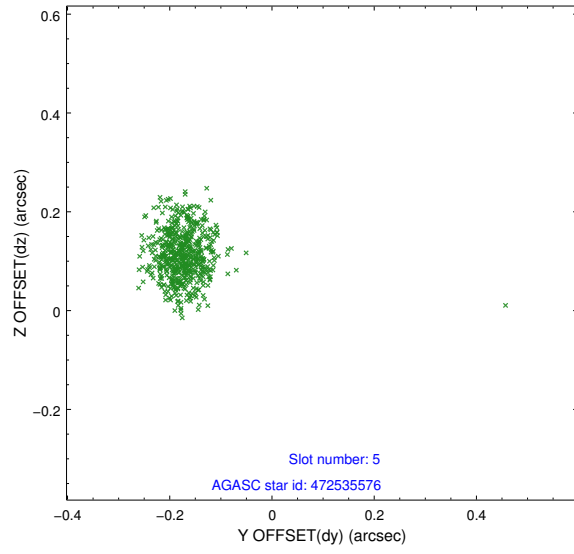
2.4.1 Slot 3



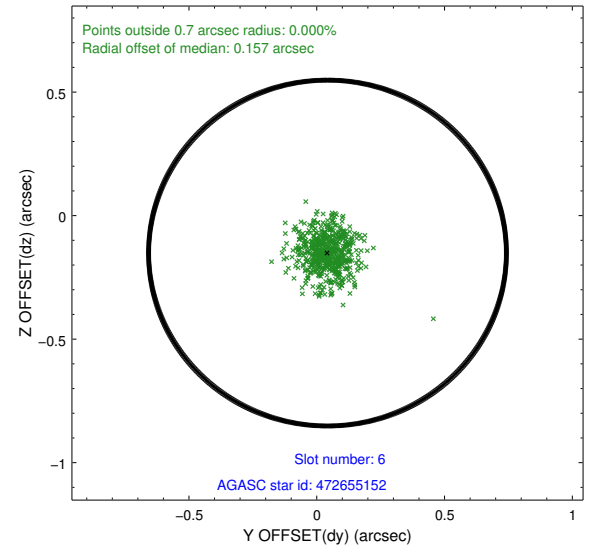
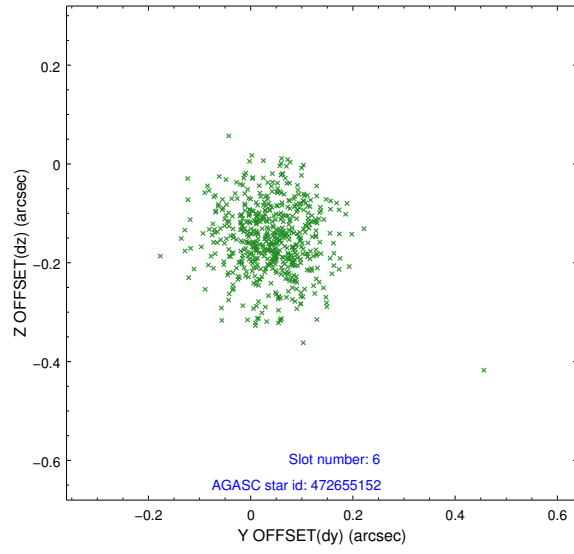
2.4.2 Slot 4



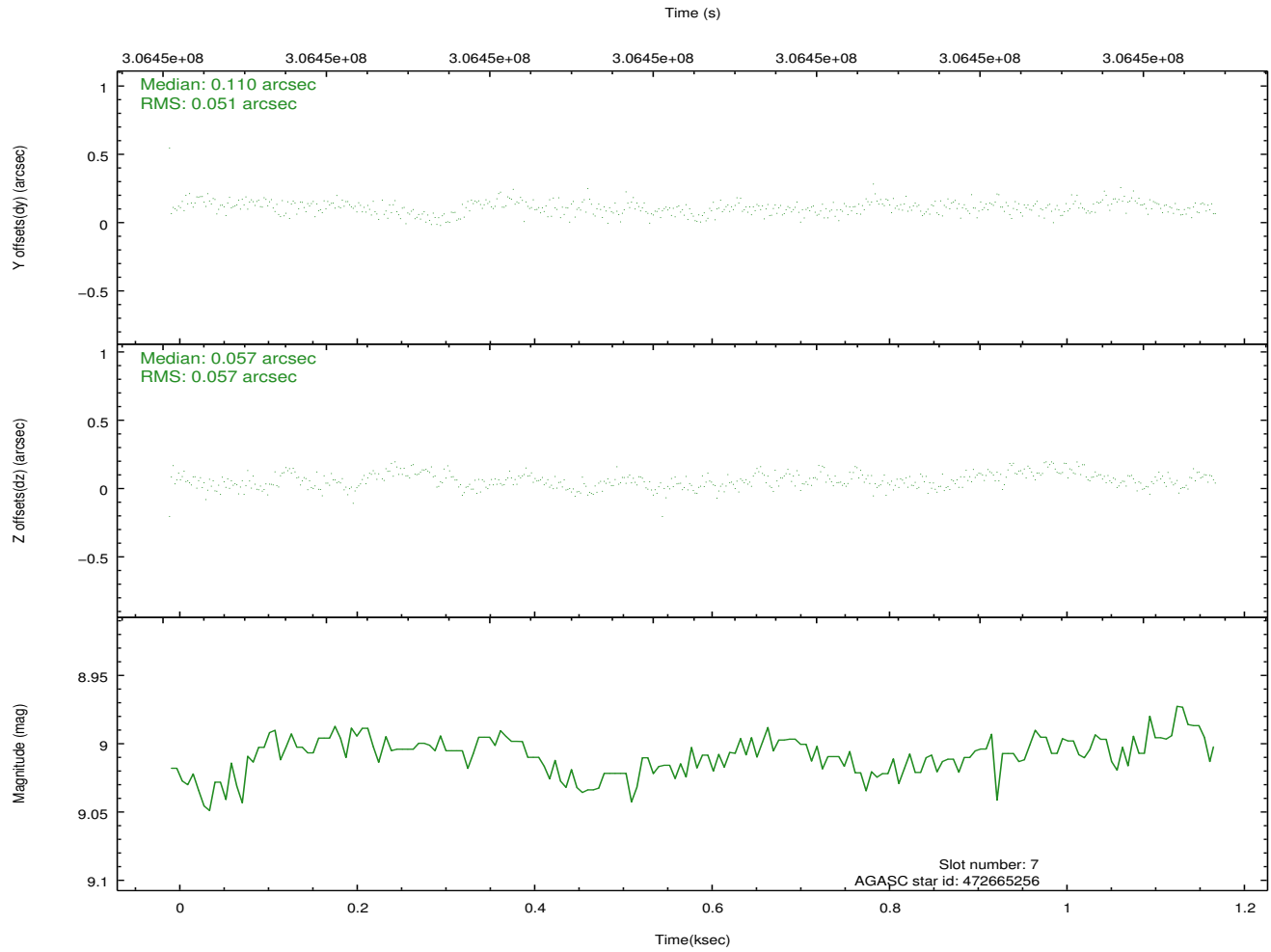
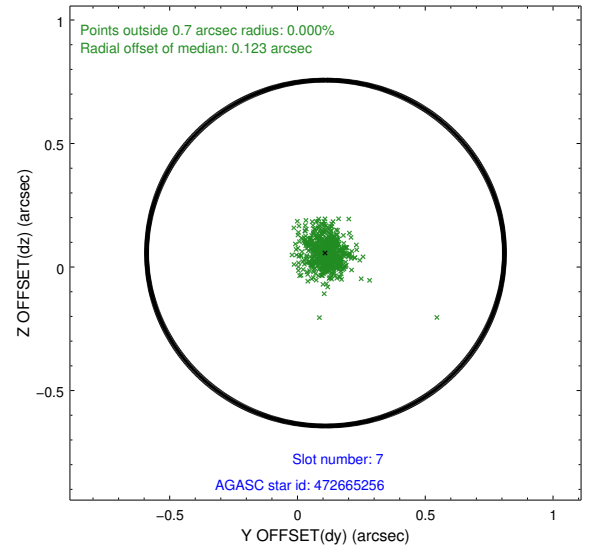
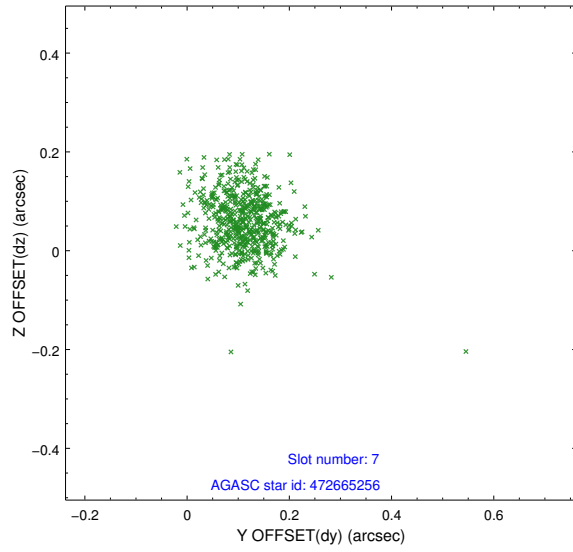
2.4.3 Slot 5



2.4.4 Slot 6

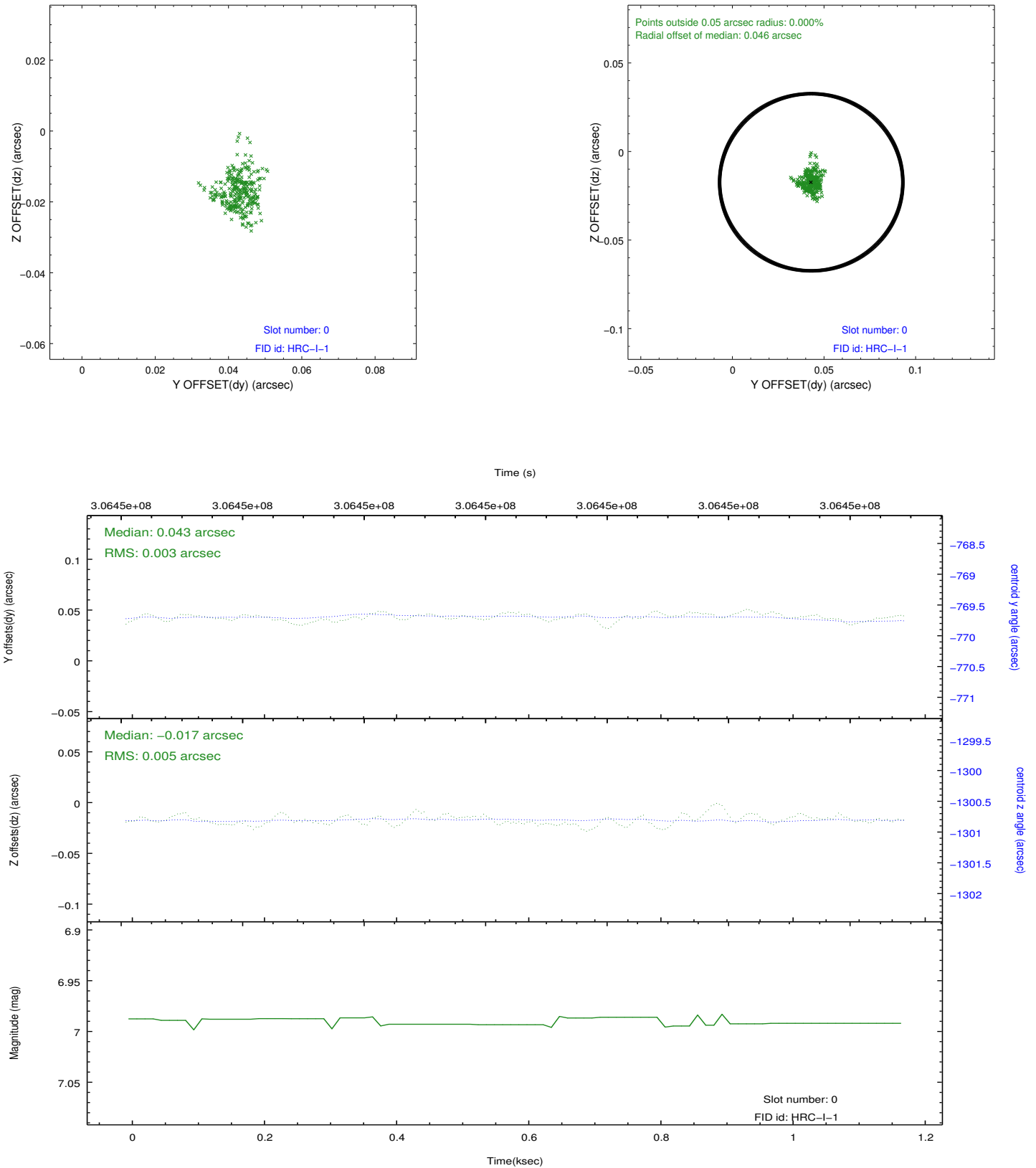


2.4.5 Slot 7

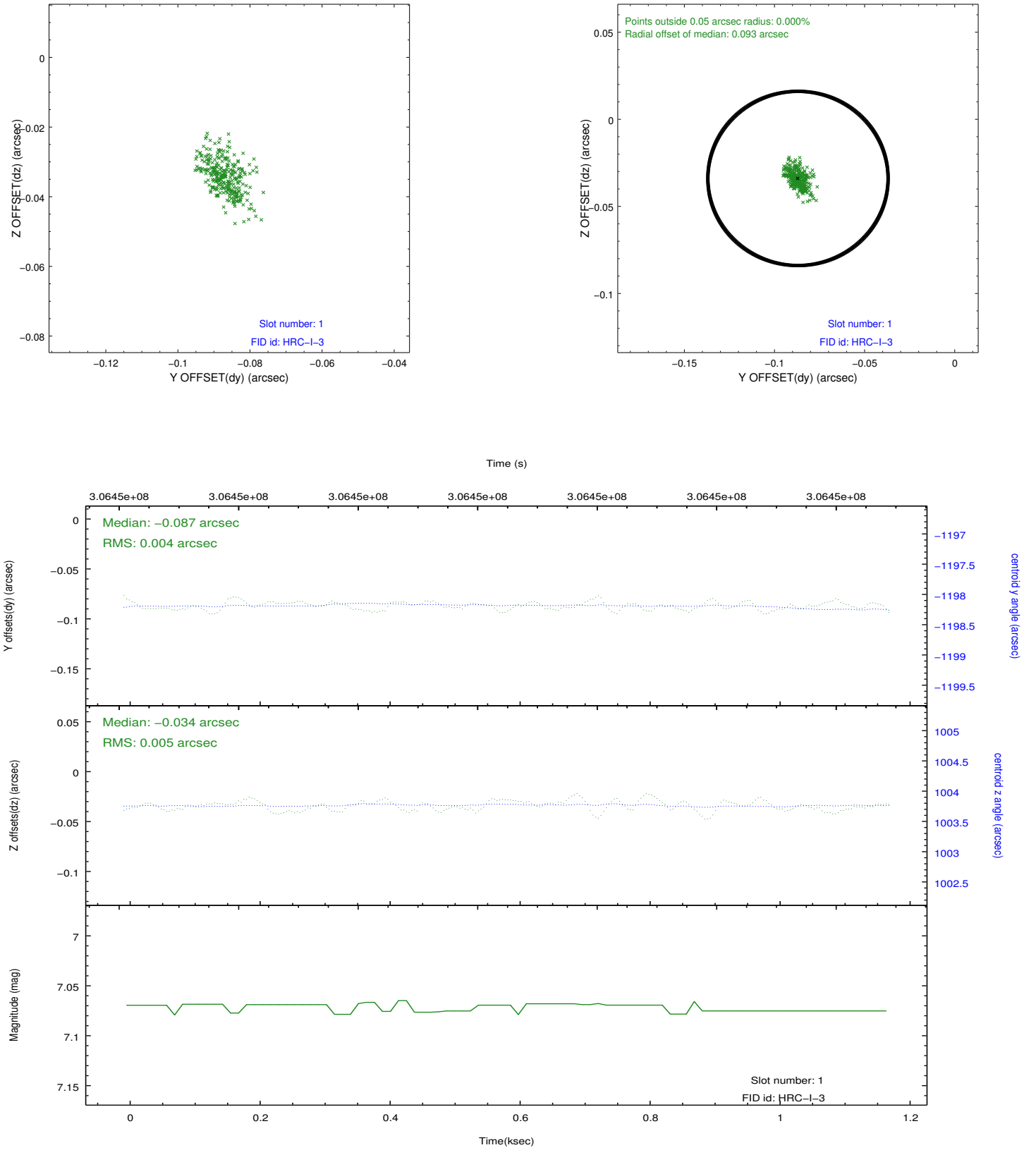


2.5 FID Slots

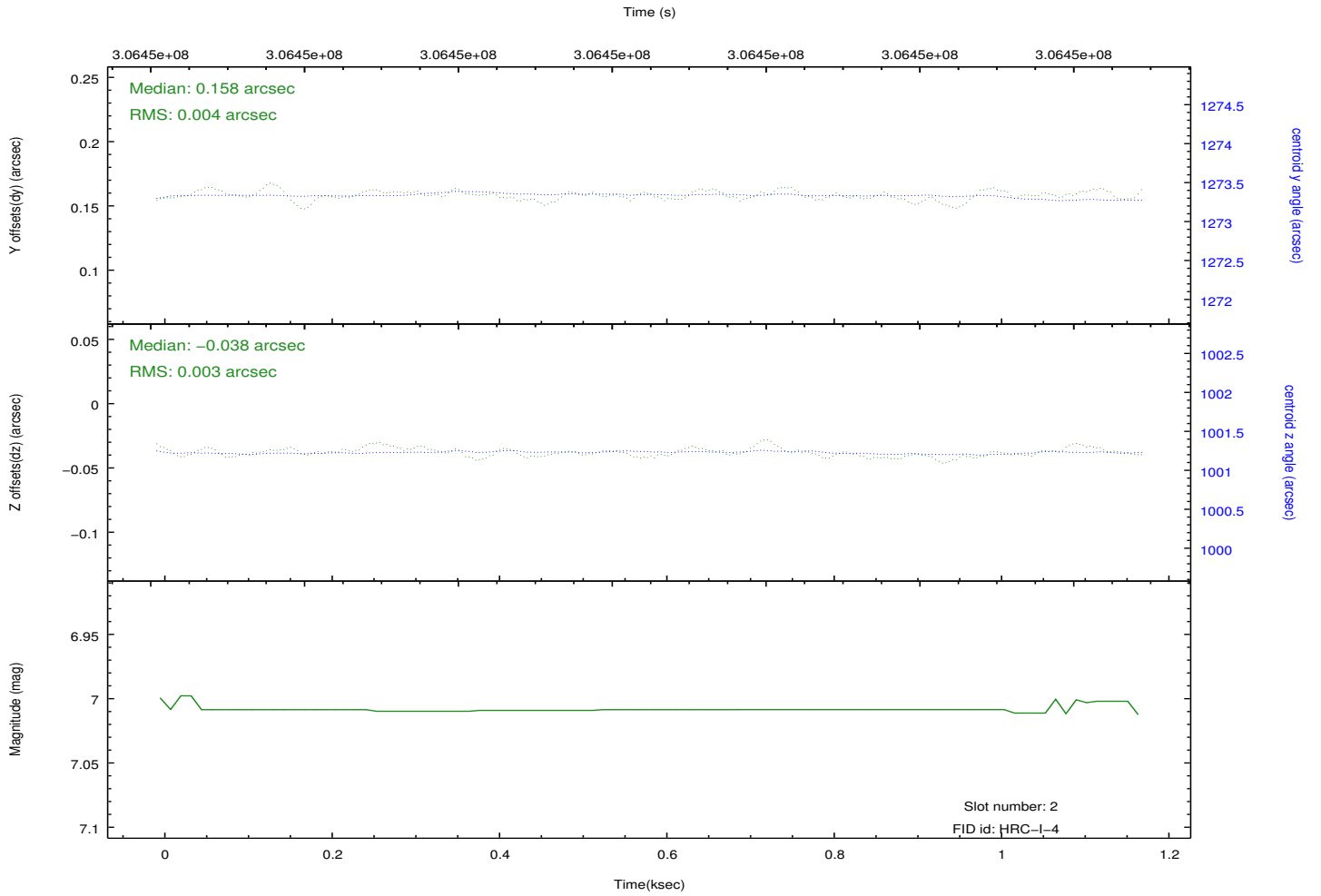
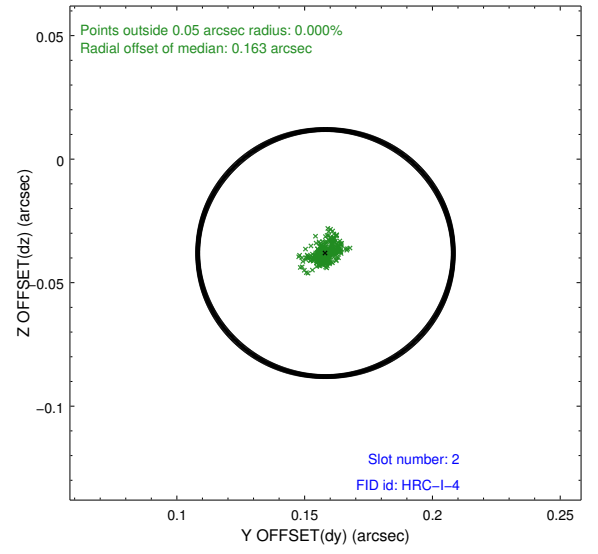
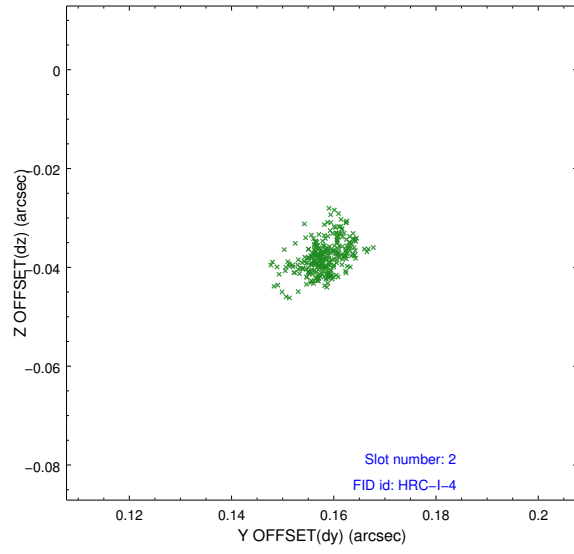
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1800313

A.2 Comments