

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8318 - L2 Version 4
Chandra X-Ray Center

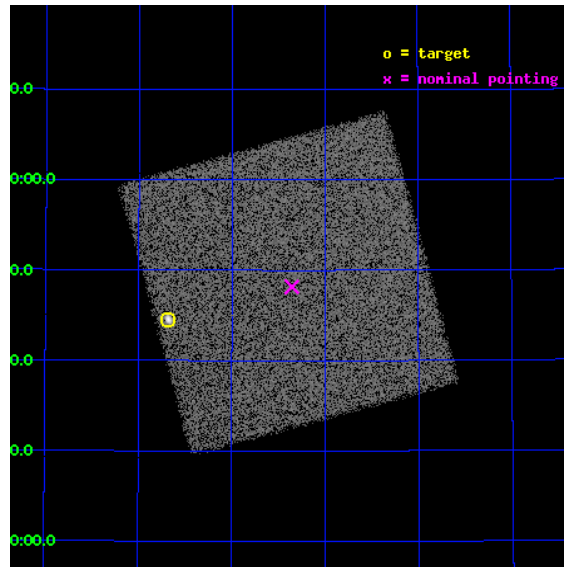
L2 Processing Date : Aug 11 2012

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1 Front

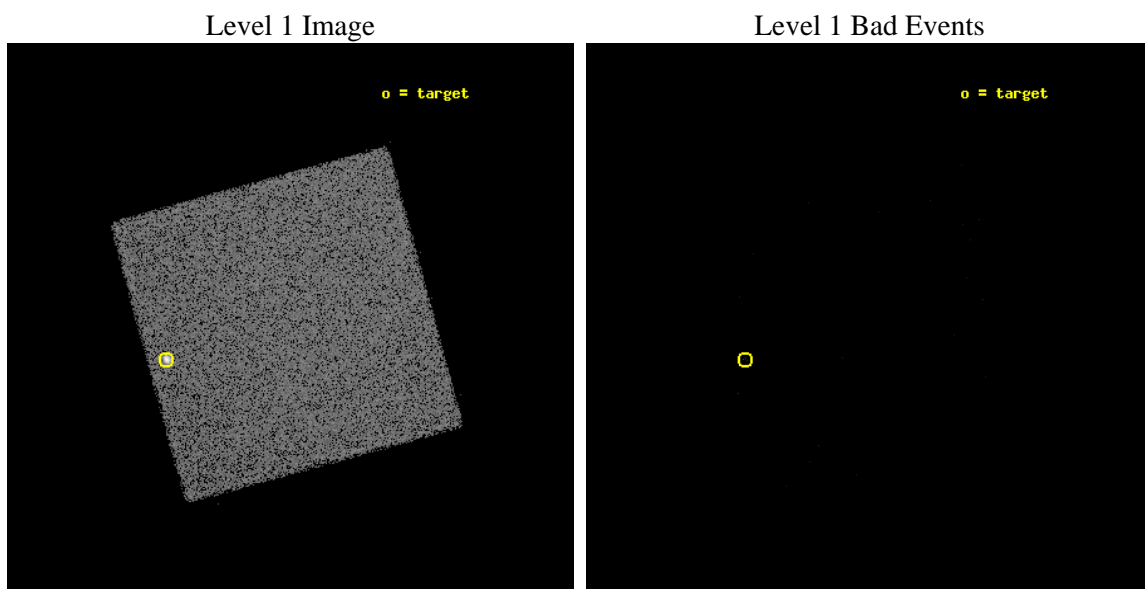
seq_num	290697	Sequence number
obs_id	8318	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	331.83899474553	Nominal RA [deg]
dec_nom	45.802909614652	Nominal Dec [deg]
roll_nom	209.7358015365	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1179.5188067555	[s]
livetime	1167.3278707252	Ontime multiplied by DTCOR
l2events	71133	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	1179.5188067555	[s]
caldbver	4.5.1.1	 	l1events	123344	Number of level 1 events
date	2012-08-12T02:34:12	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

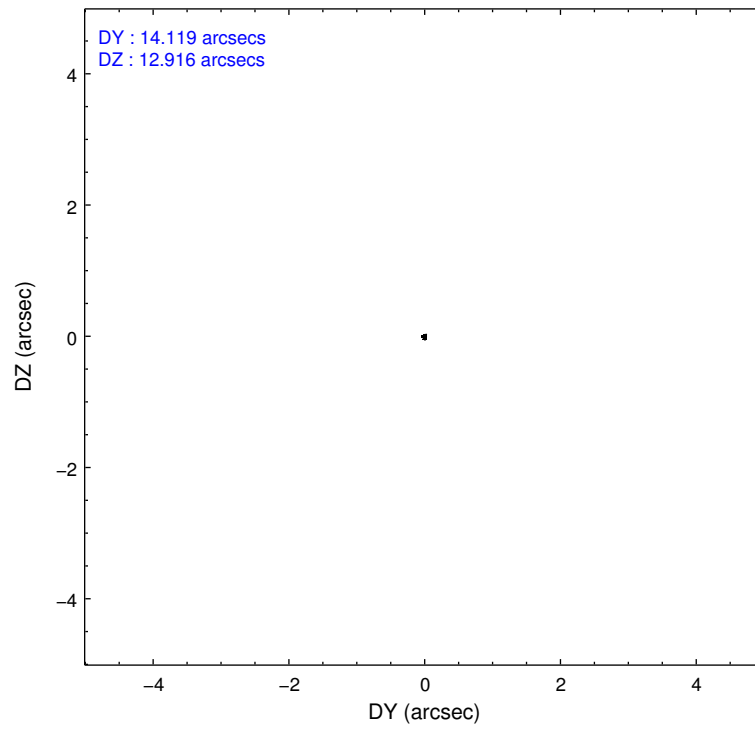
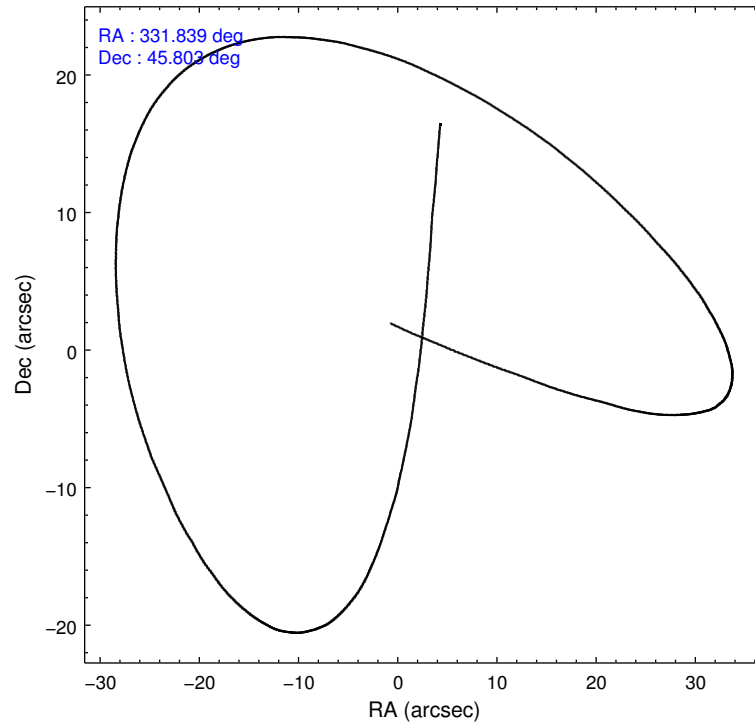
	segment 0
level 1 events	123344
rejected events	18780
rejected %	15%

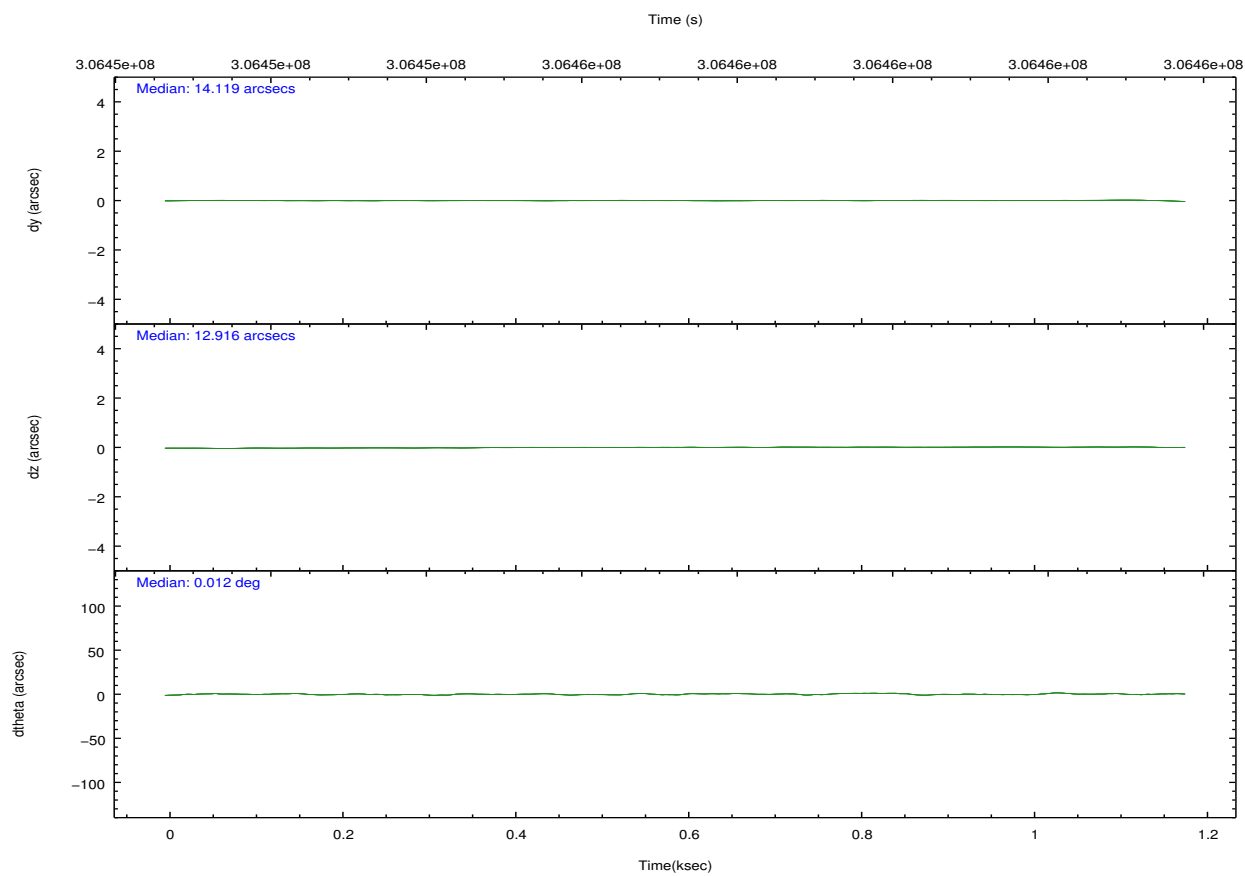
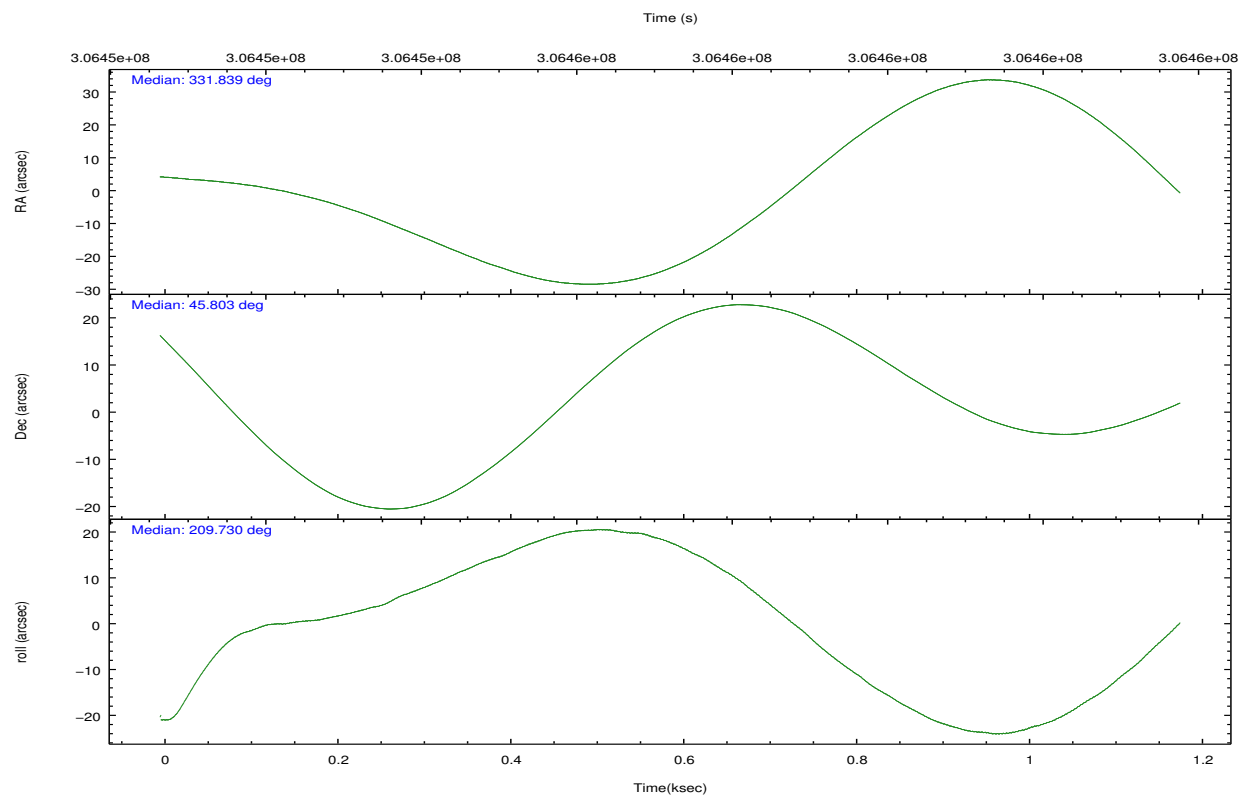
2.2 Compared Parameters

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	331.856920	331.8389947455296
[deg] Pointing Dec	45.827675	45.8029096146517
[deg] Pointing Roll	209.818477	209.7358015365042
[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)	306454702.184000	306454325.98964
Observation start date	2007-09-17T22:17:17	2007-09-17T22:12:05
[s] Observation end time (MET)	306455702.184000	306456041.32722
Observation end date	2007-09-17T22:33:57	2007-09-17T22:40:41

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

2.3 Aspect



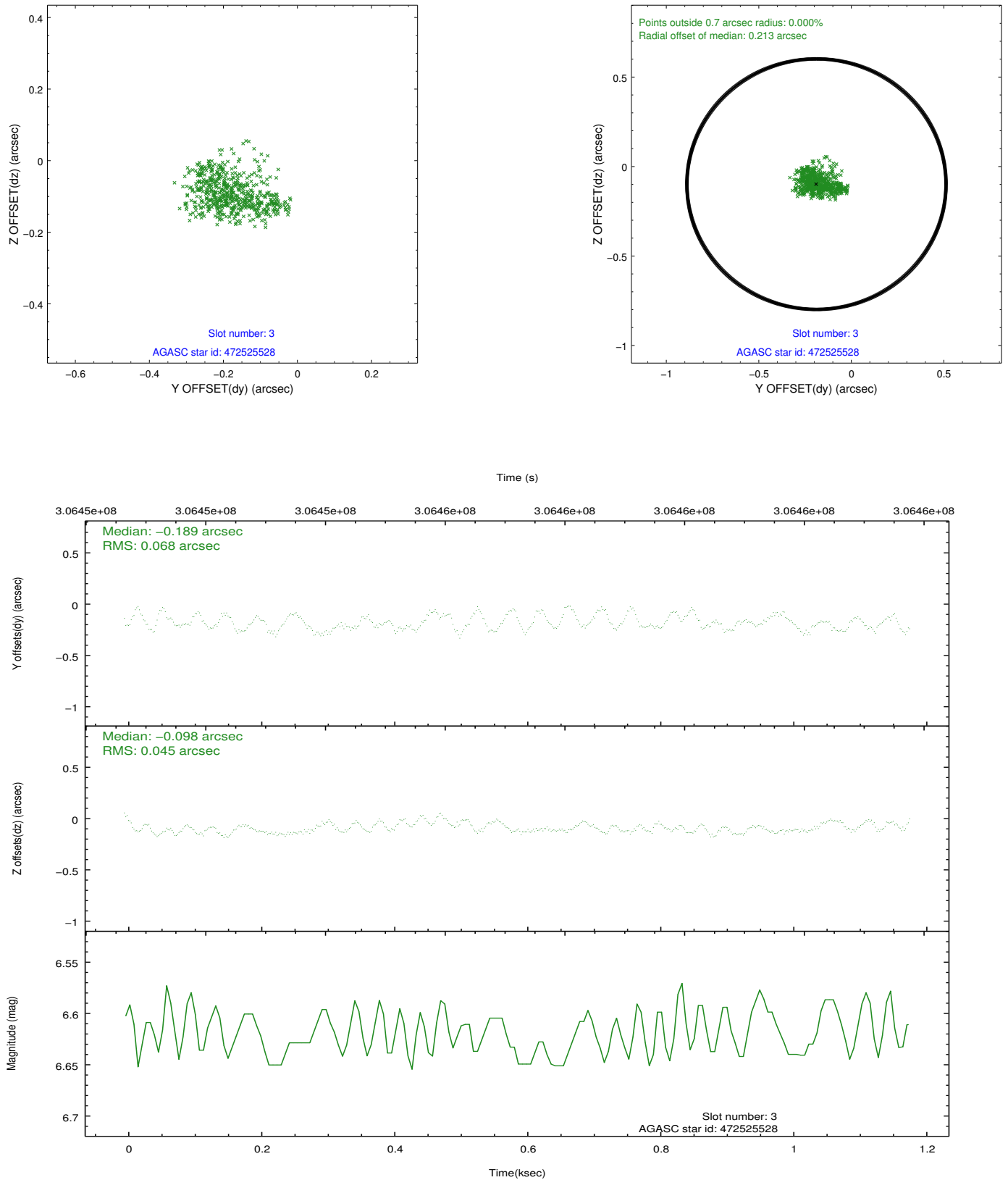


Slot Statistics

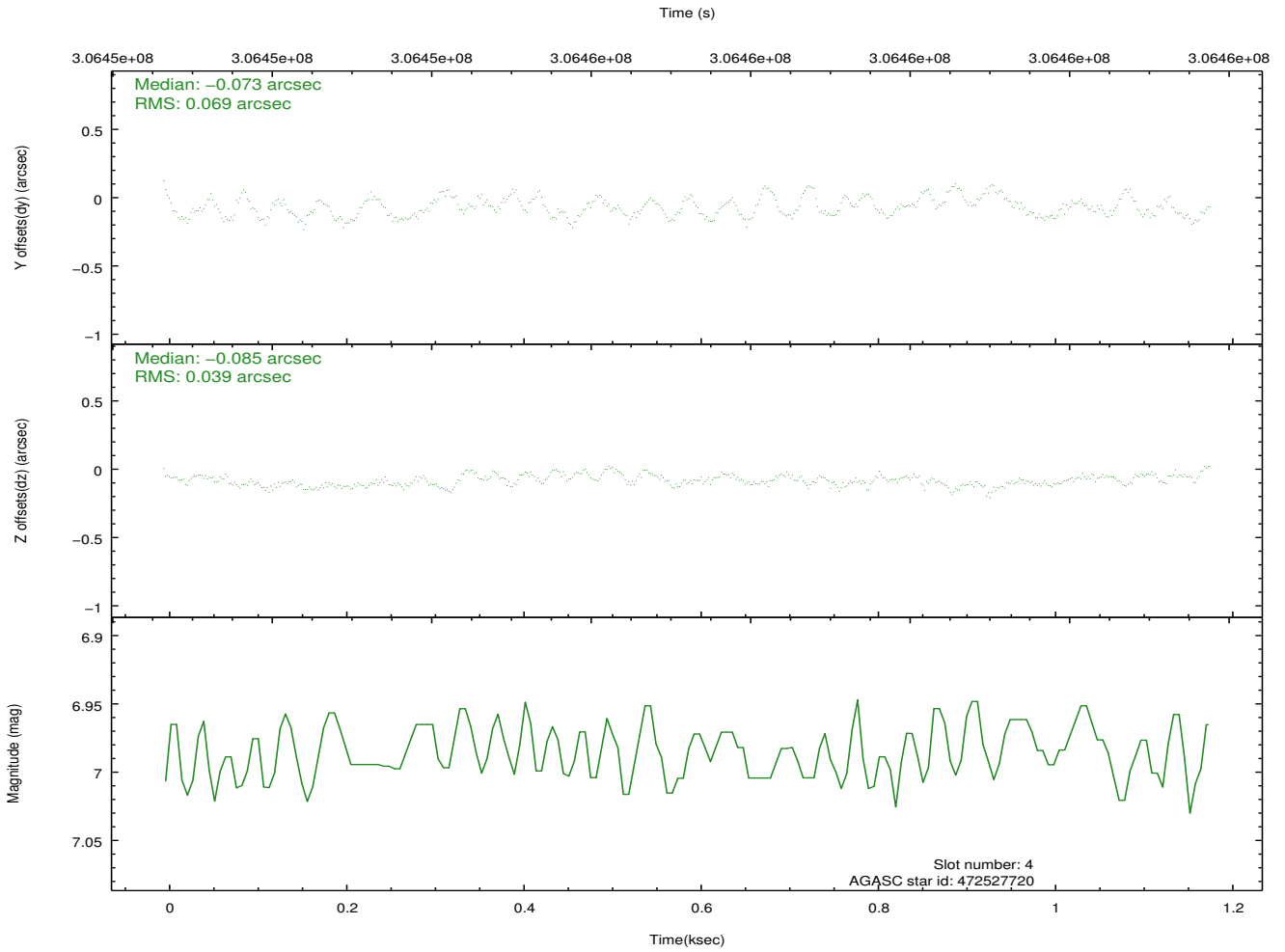
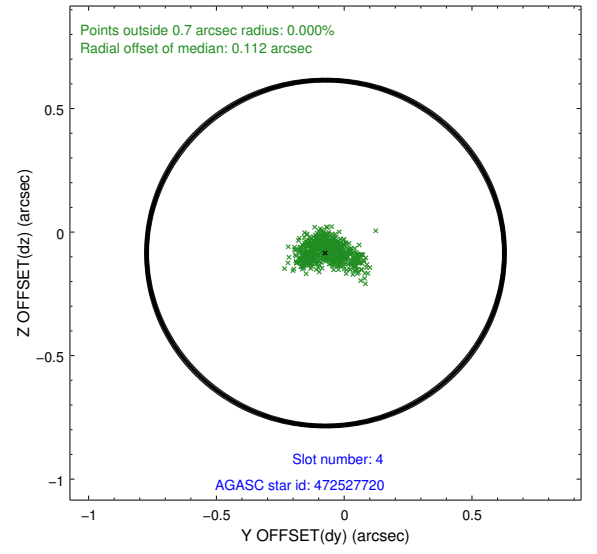
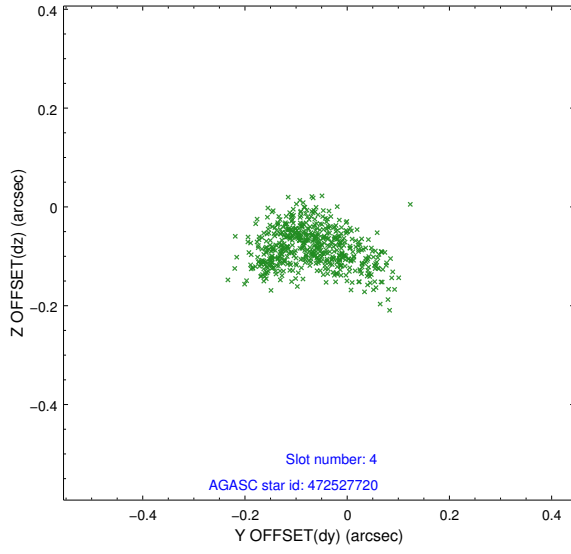
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	288	-0.089	0.017	0.006	0.009	0.000000	0.000000	-770.06	-1300.92
1	FID	HRC-I-2	7.02	288	0.202	-0.084	0.007	0.011	0.000000	0.000000	840.19	-1307.20
2	FID	HRC-I-4	7.01	288	0.003	-0.025	0.005	0.007	0.000000	0.000000	1275.87	996.55
3	GUIDE	472525528	6.62	577	-0.189	-0.098	0.090	0.140	331.551102	45.248694	1708.52	1417.80
4	GUIDE	472527720	6.99	577	-0.073	-0.085	0.083	0.140	331.460205	45.112509	2156.84	1729.06
5	GUIDE	472533912	9.15	577	0.115	0.021	0.115	0.184	331.791136	46.368695	-822.11	-1772.19
6	GUIDE	472655152	9.42	576	0.169	-0.041	0.109	0.169	332.504239	45.862991	-1475.12	683.76
7	GUIDE	472536328	8.13	576	-0.037	0.191	0.060	0.093	331.496671	46.454831	-350.25	-2407.54

2.4 Star Slots

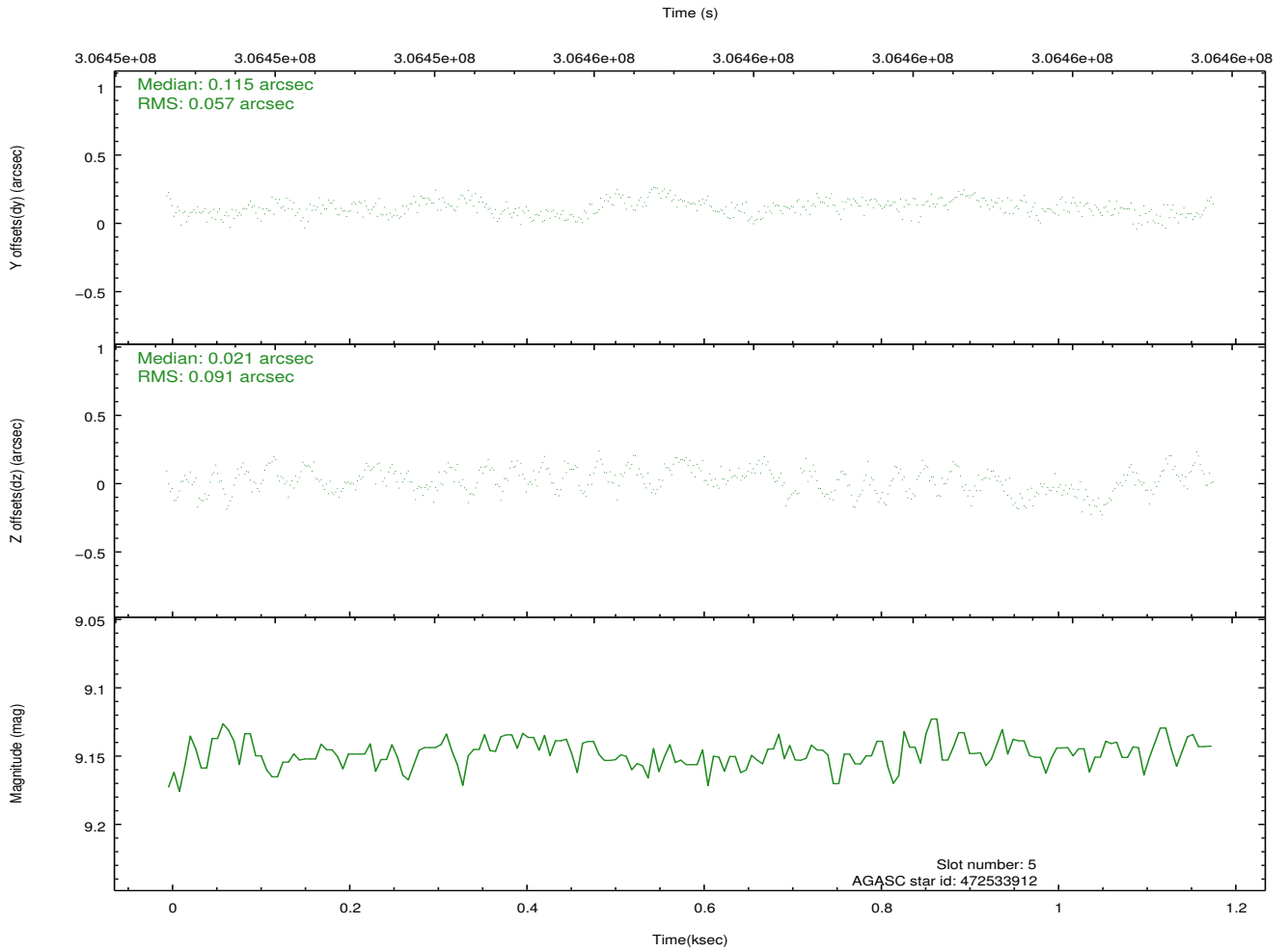
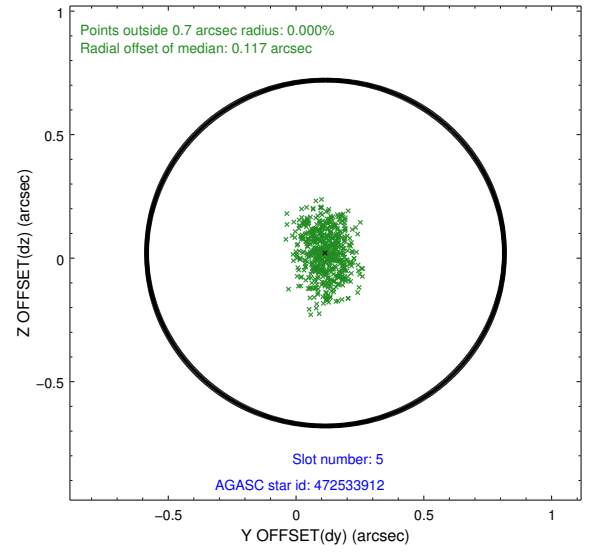
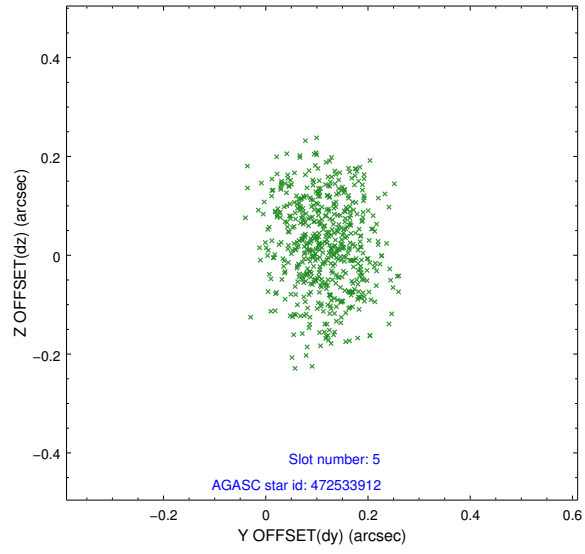
2.4.1 Slot 3



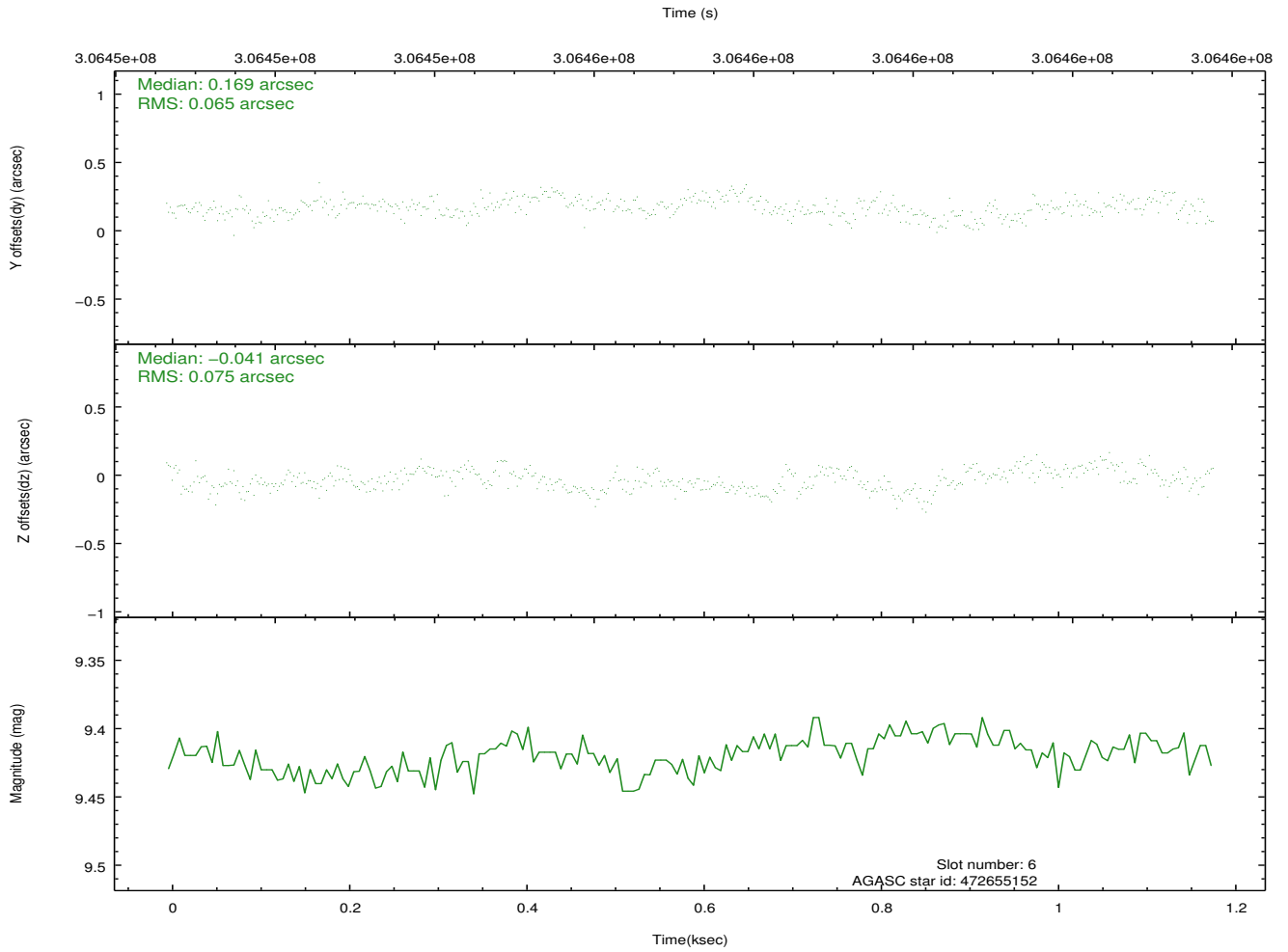
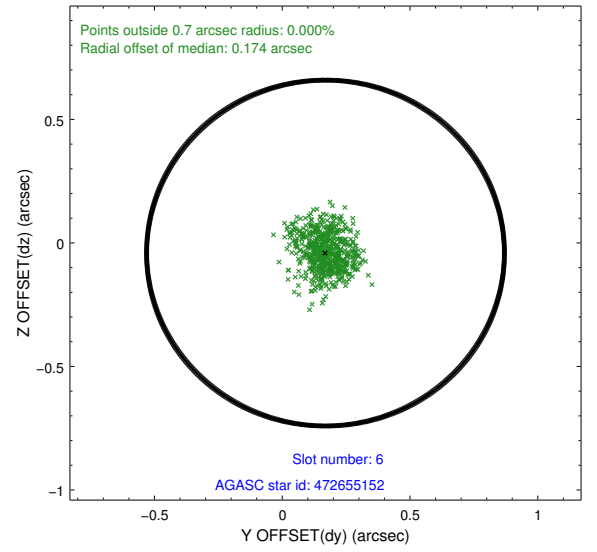
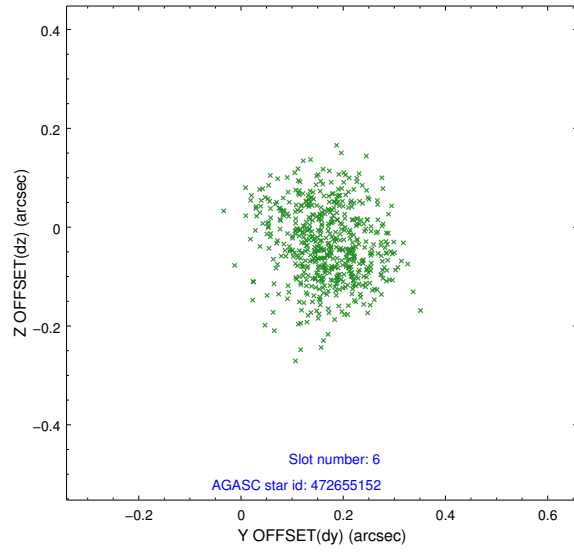
2.4.2 Slot 4



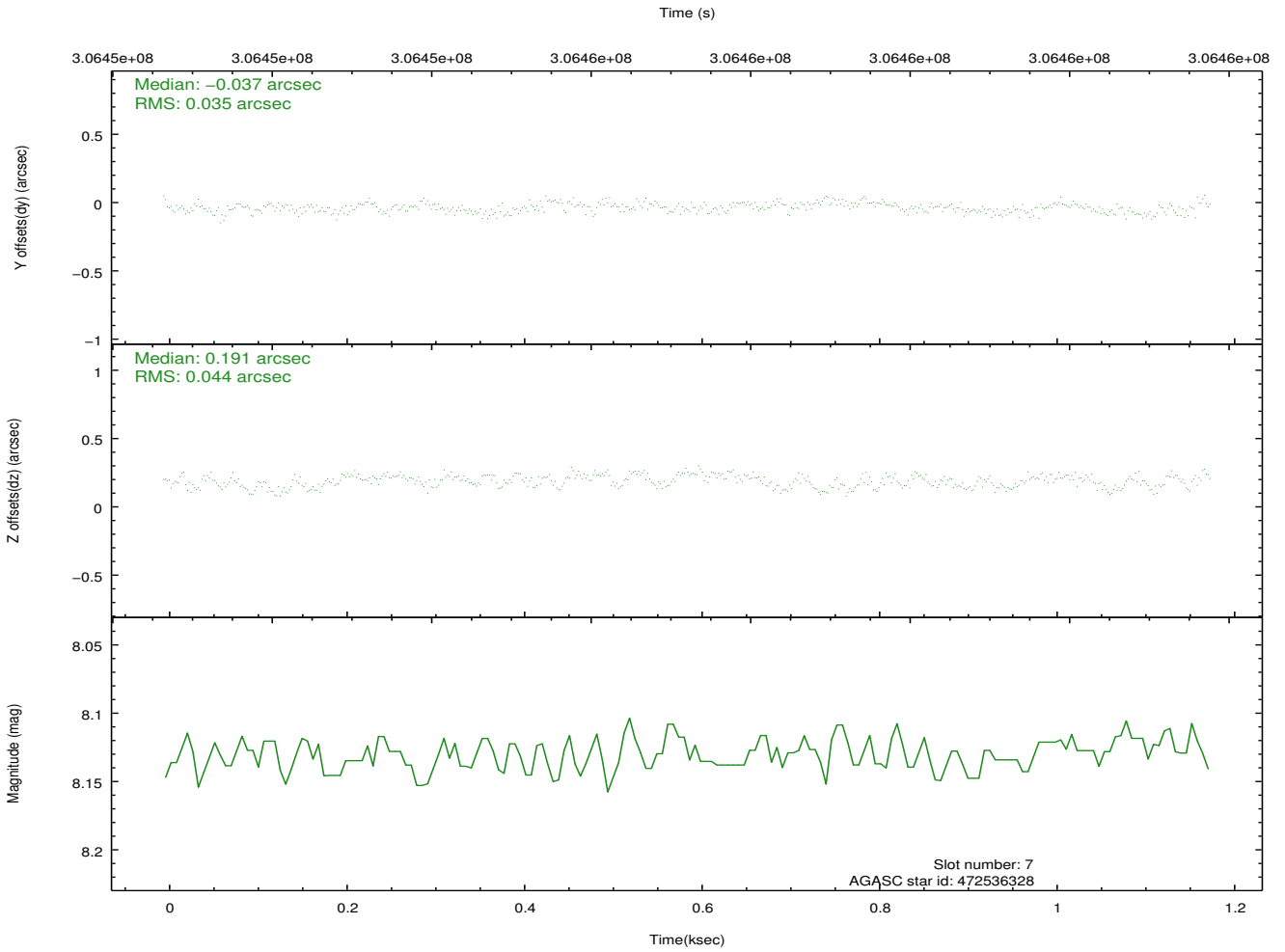
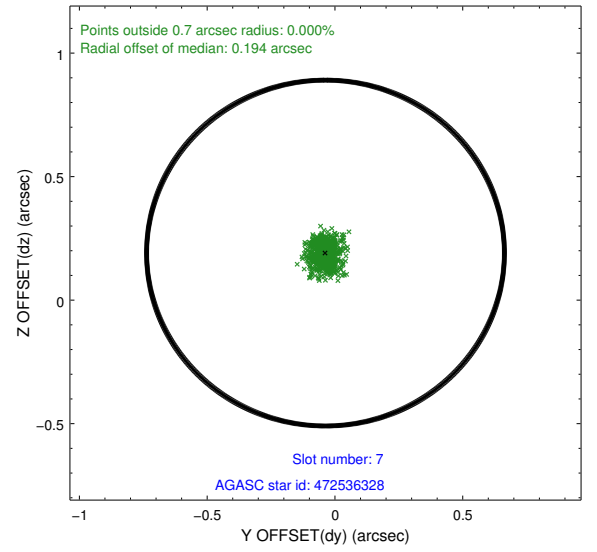
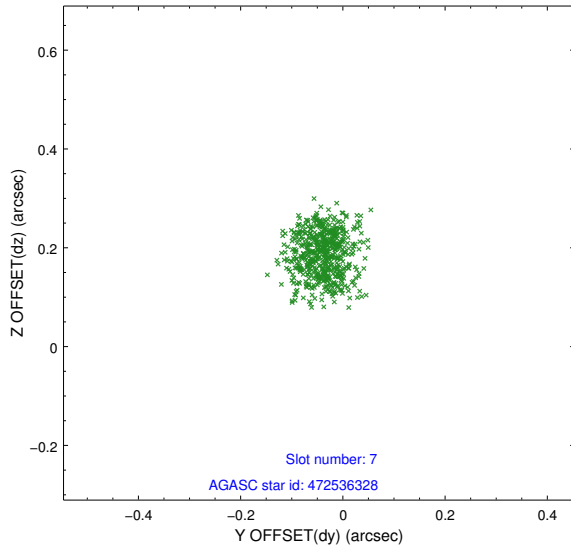
2.4.3 Slot 5



2.4.4 Slot 6

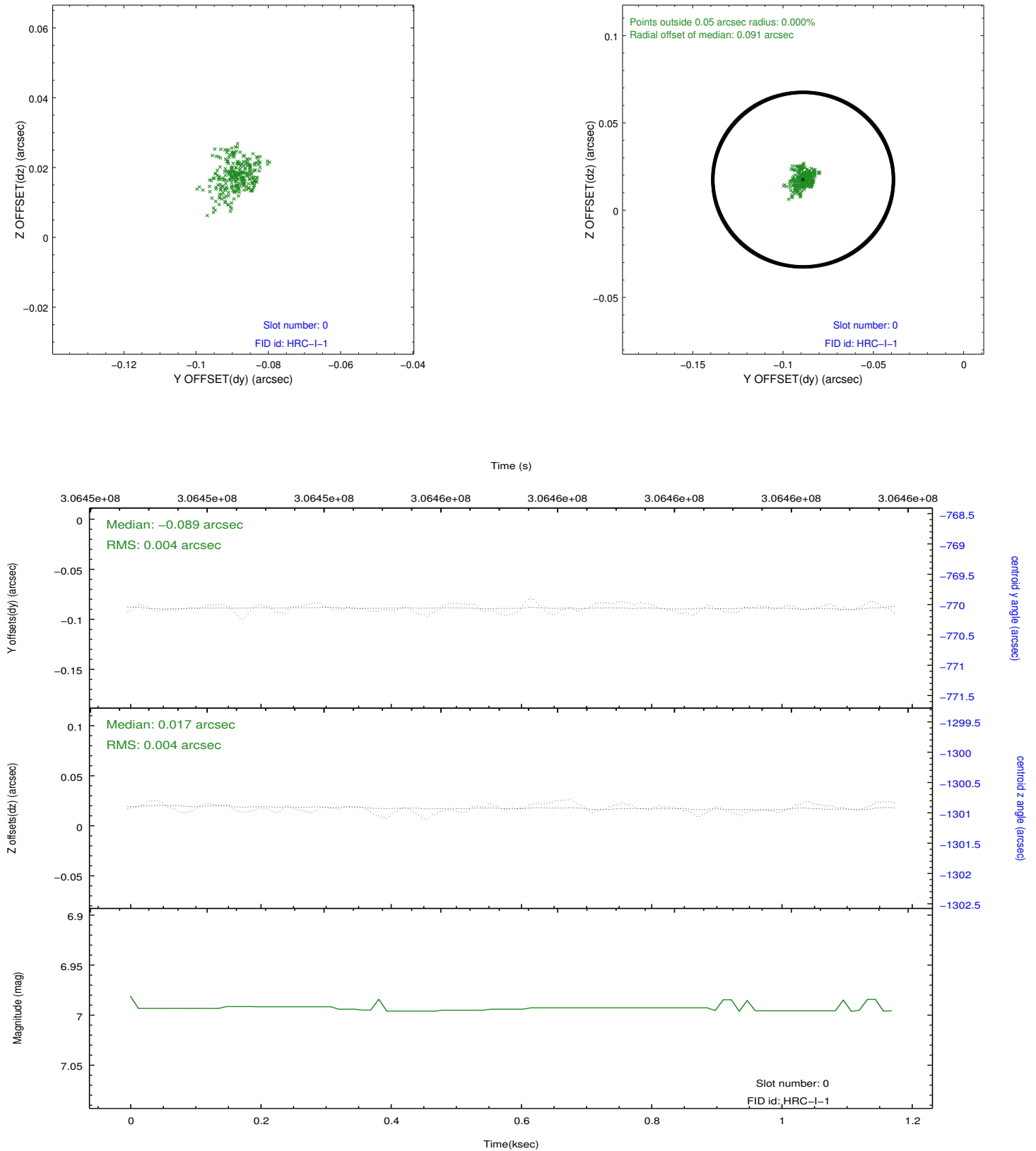


2.4.5 Slot 7

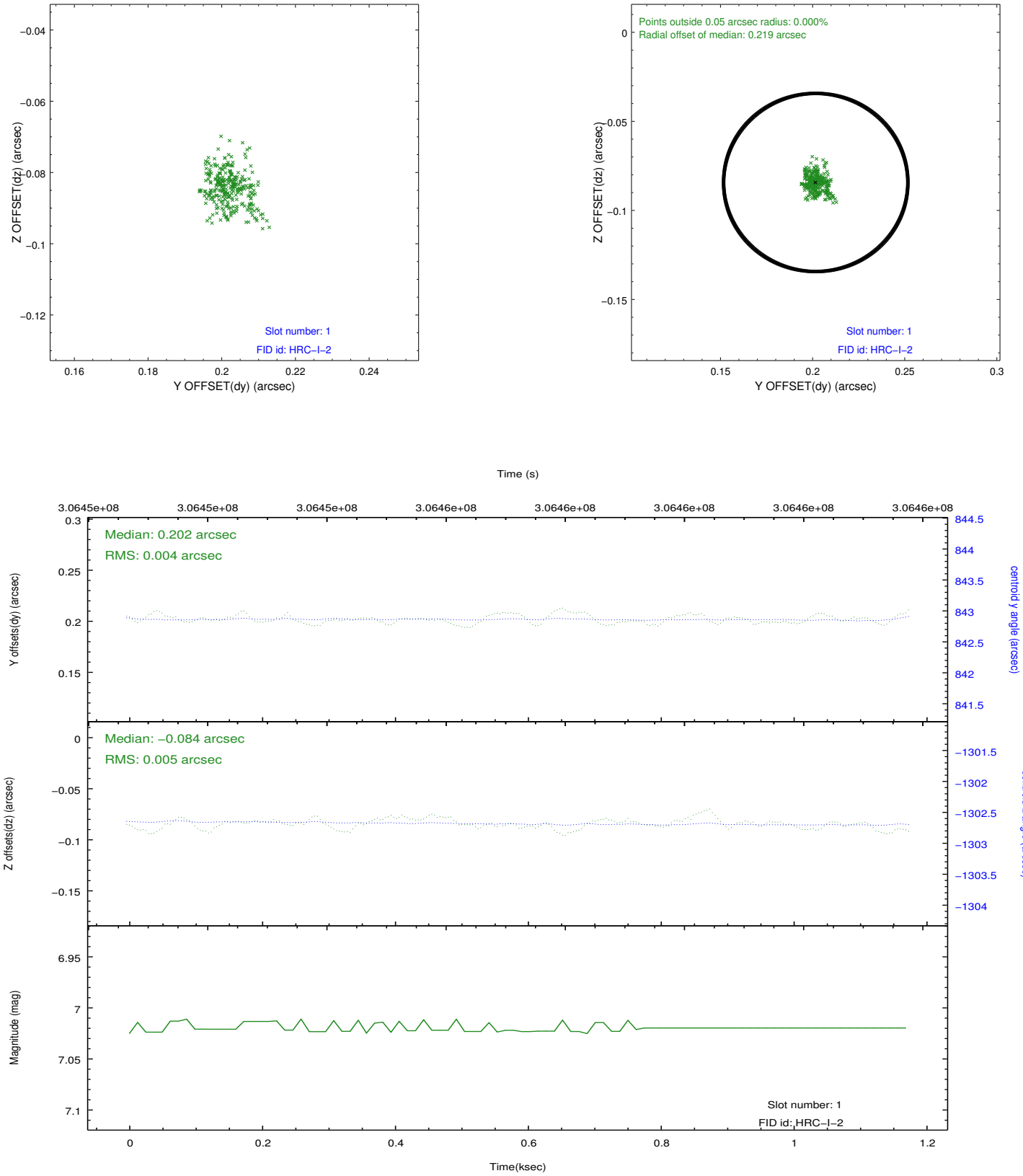


2.5 FID Slots

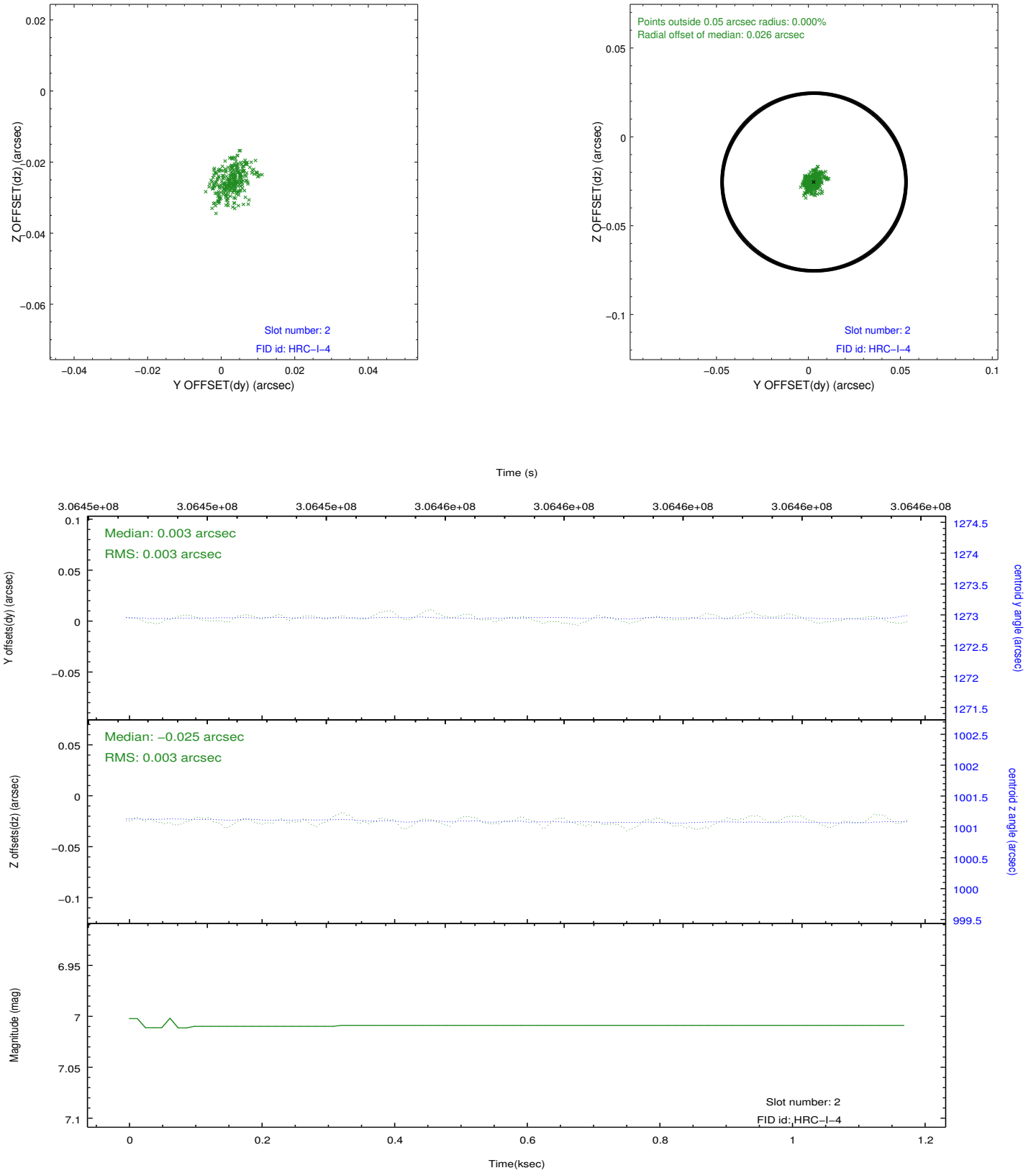
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.17977505

A.2 Comments