

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10602 - L2 Version 3
Chandra X-Ray Center

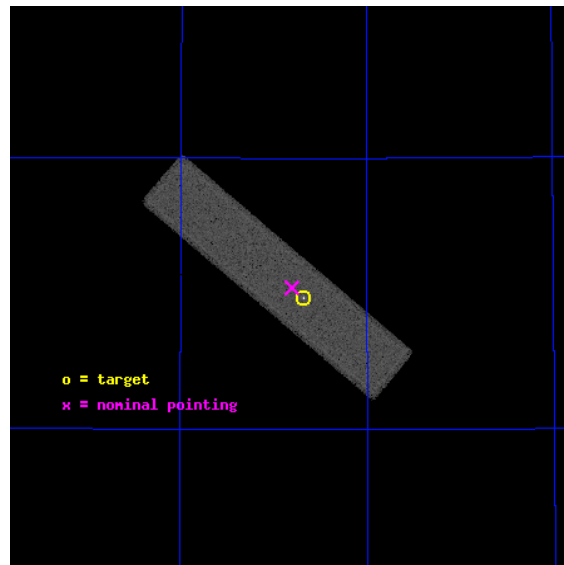
L2 Processing Date : Aug 13 2012

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1 Front

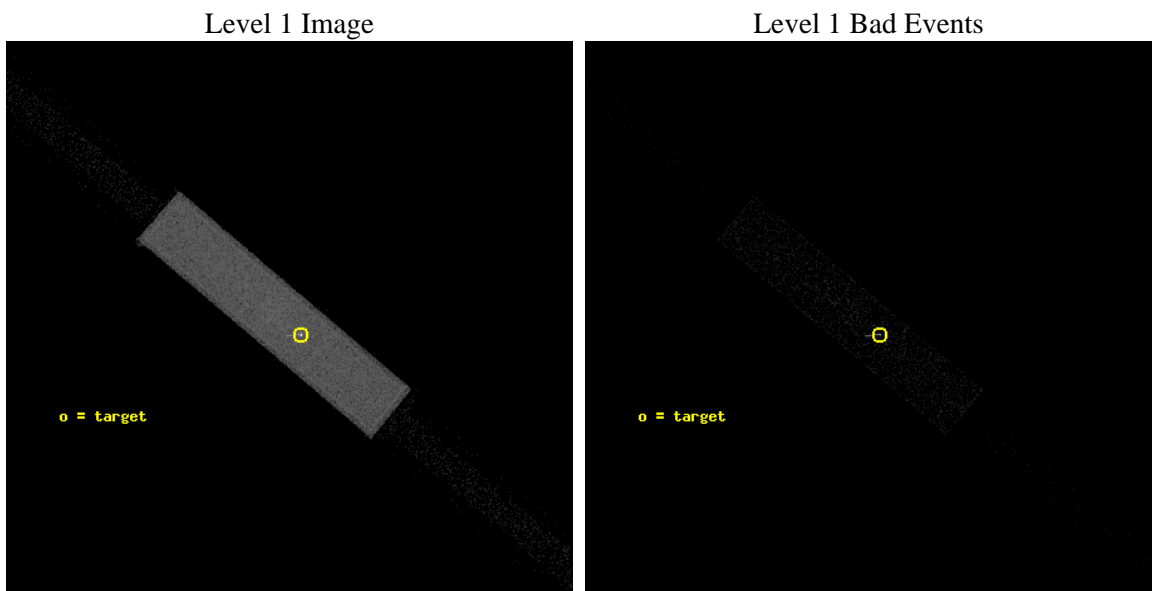
seq_num	290838	Sequence number
obs_id	10602	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.2013754174	Nominal RA [deg]
dec_nom	45.761328823397	Nominal Dec [deg]
roll_nom	220.05269046999	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1179.7750592828	[s]
livetime	1168.3217554918	Ontime multiplied by DTCOR
l2events	82647	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	1179.7750592828	[s]
caldbver	4.5.1.1	 	l1events	126647	Number of level 1 events
date	2012-08-13T15:16:07	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

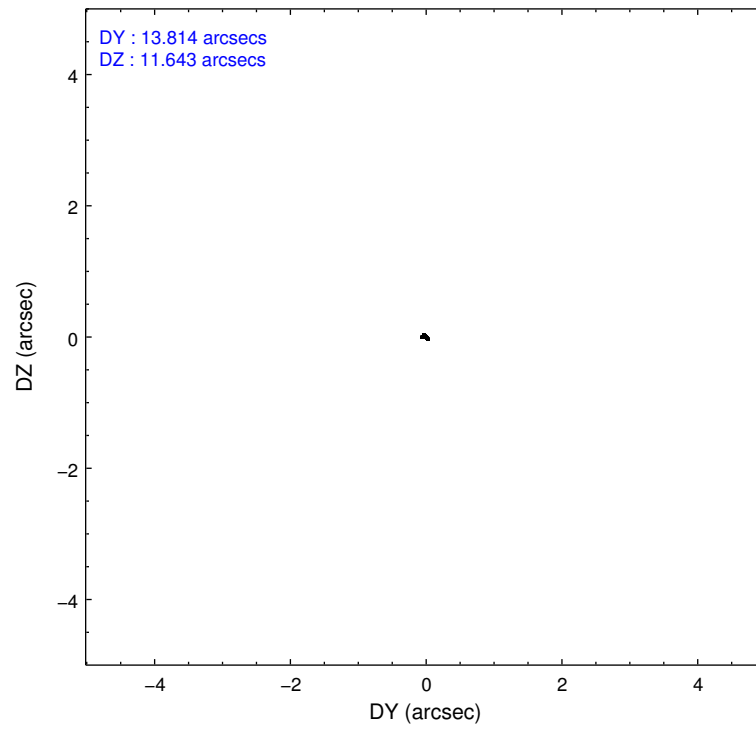
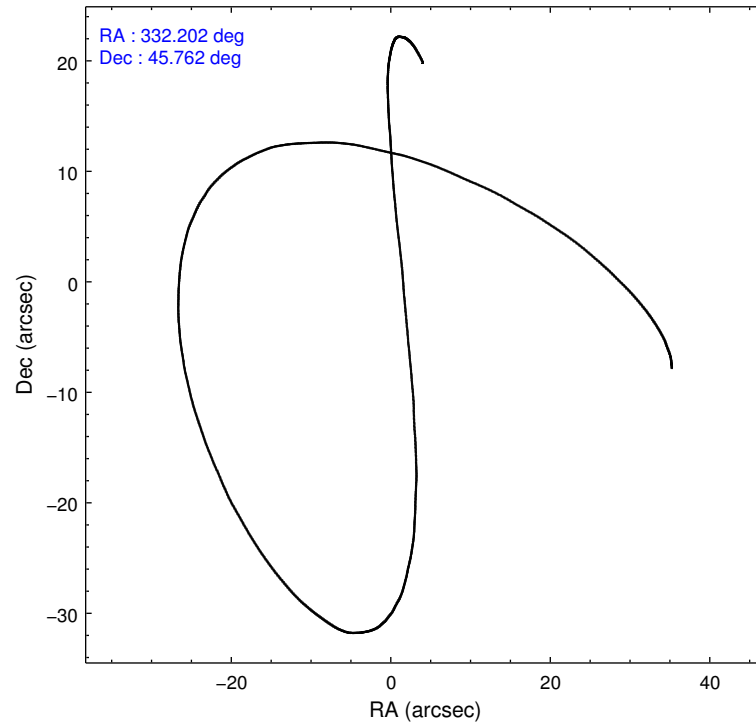
	segment 1	segment 2	segment 3
level 1 events	1042	124543	1062
rejected events	1042	26270	1062
rejected %	100%	21%	100%

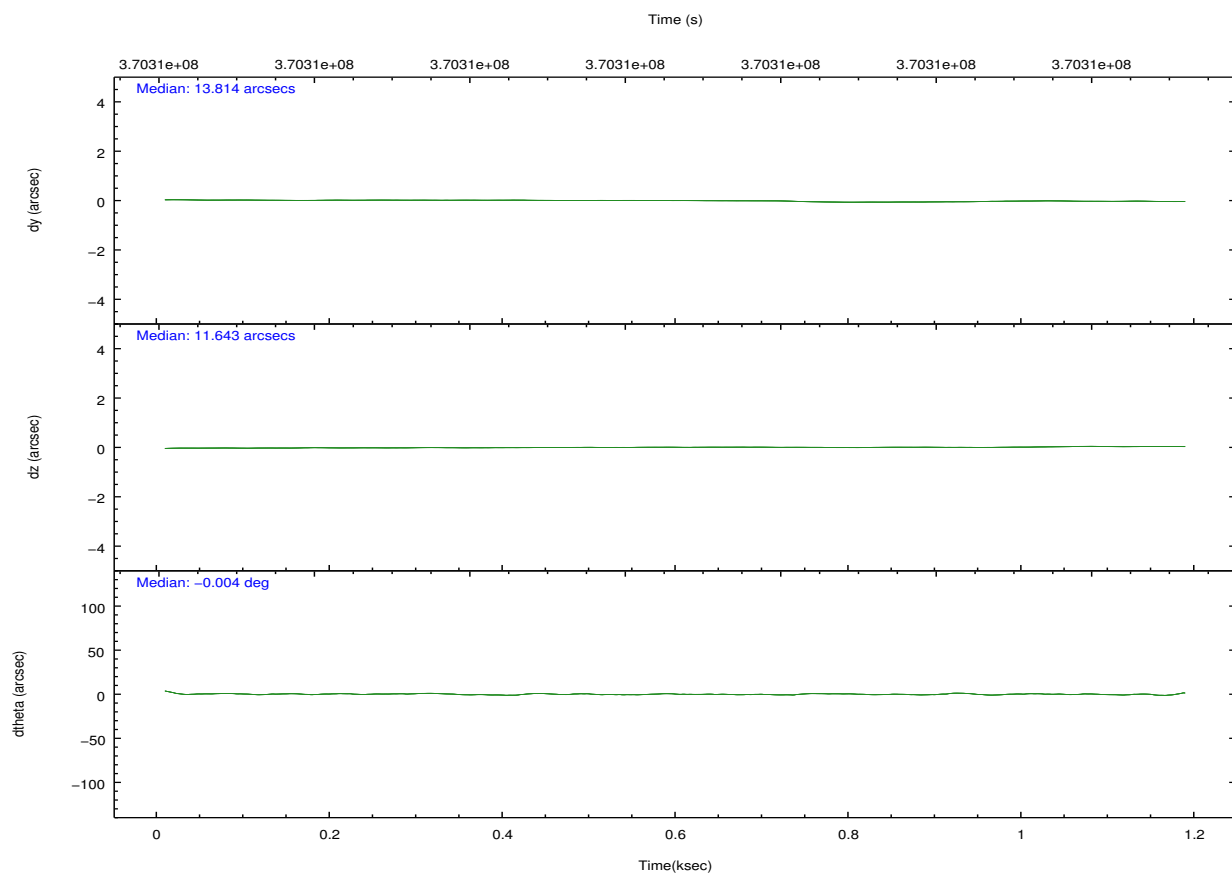
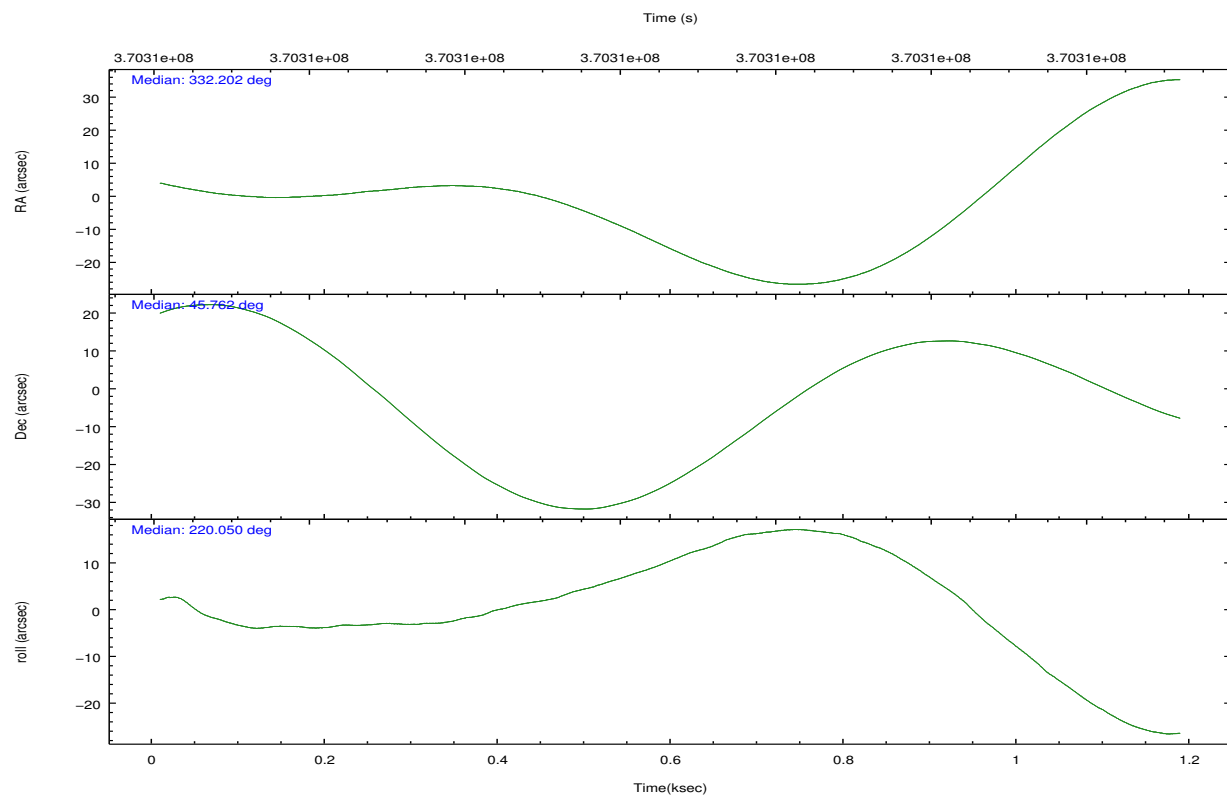
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.213408	332.2013754174049
[deg] Pointing Dec	45.788159	45.76132882339662
[deg] Pointing Roll	219.976674	220.0526904699908
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	370307263.184000	370306886.86406
Observation start date	2009-09-25T23:06:37	2009-09-25T23:01:26
[s] Observation end time (MET)	370308263.184000	370308397.20163
Observation end date	2009-09-25T23:23:17	2009-09-25T23:26:37

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

2.3 Aspect



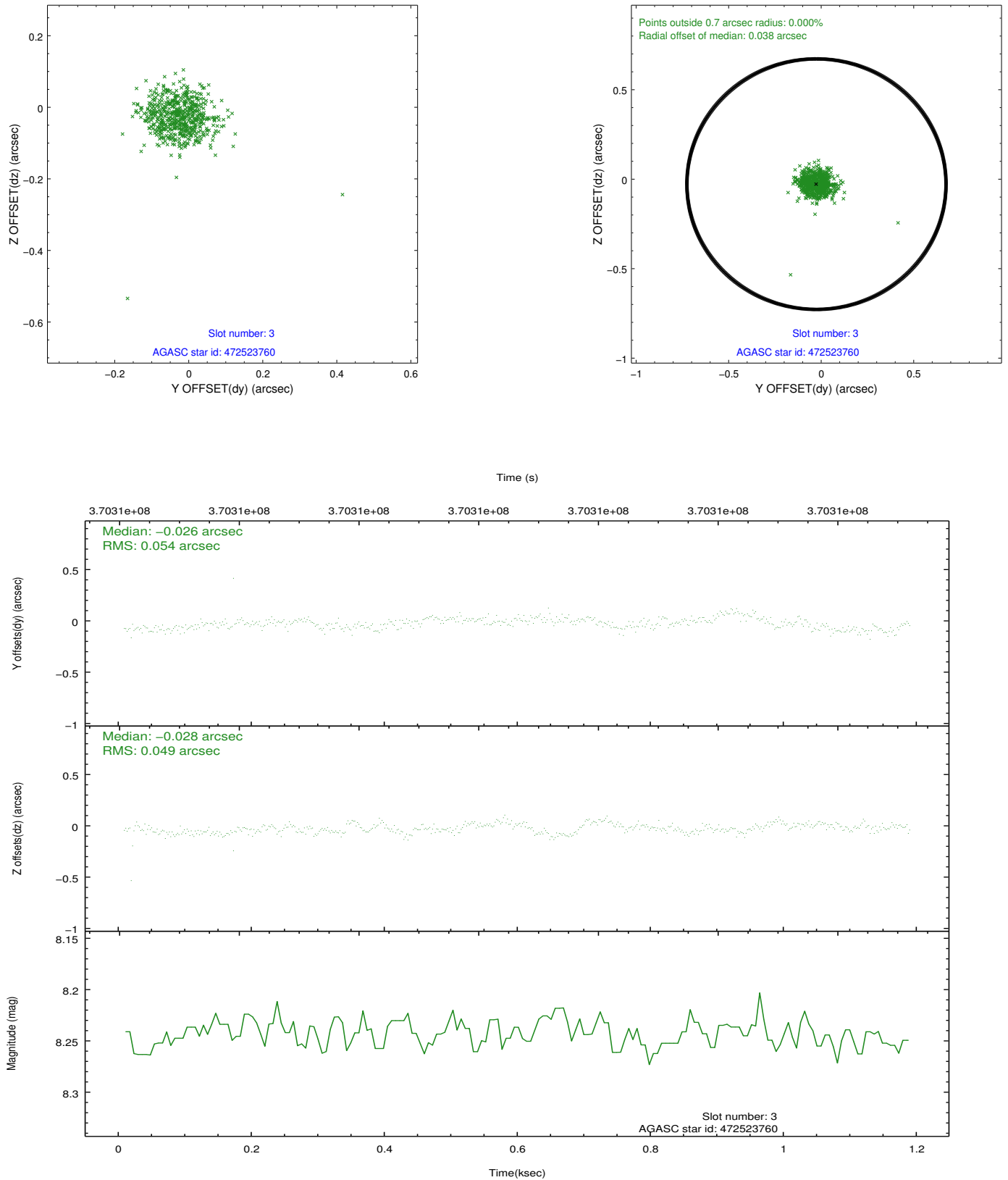


Slot Statistics

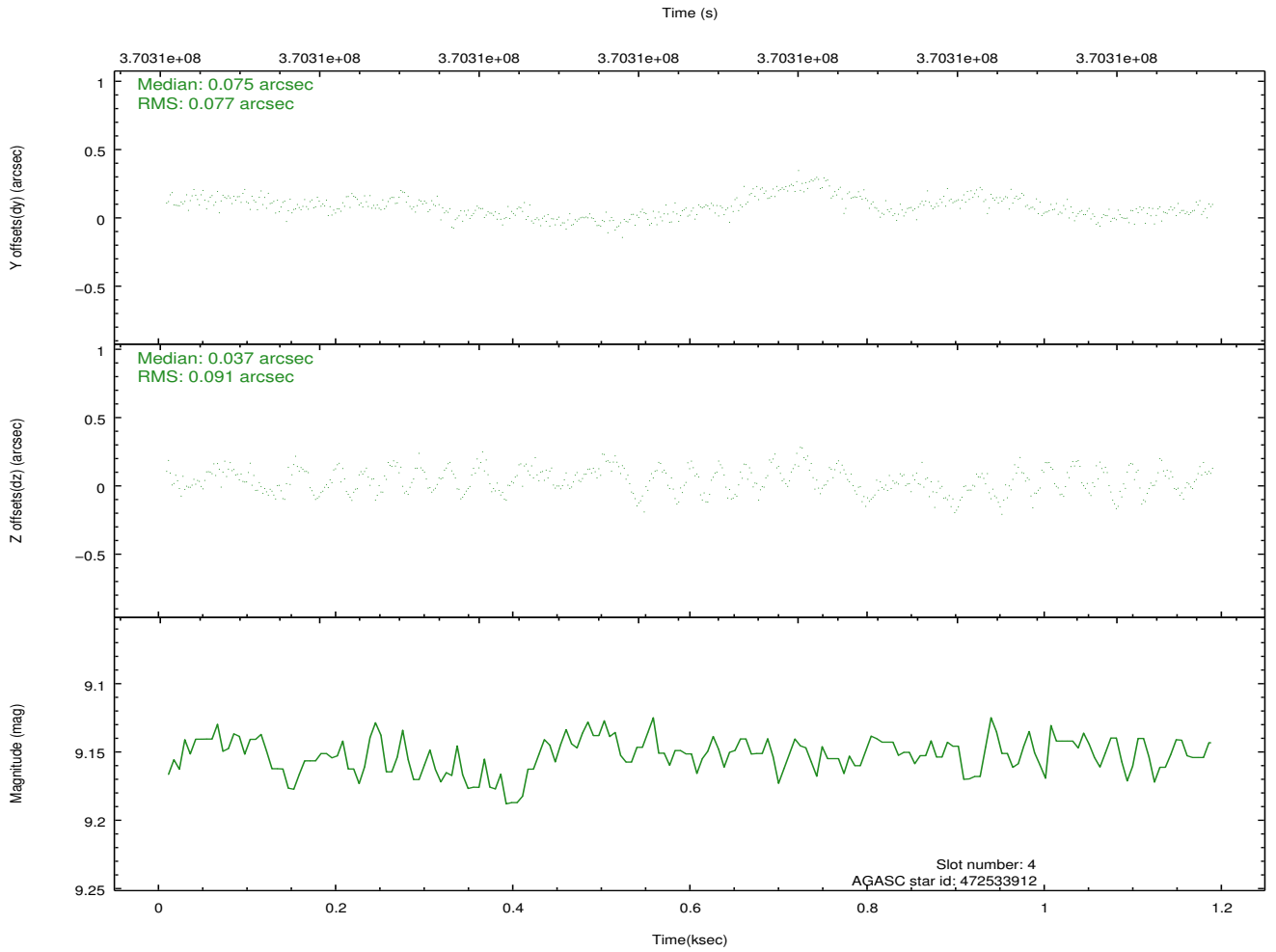
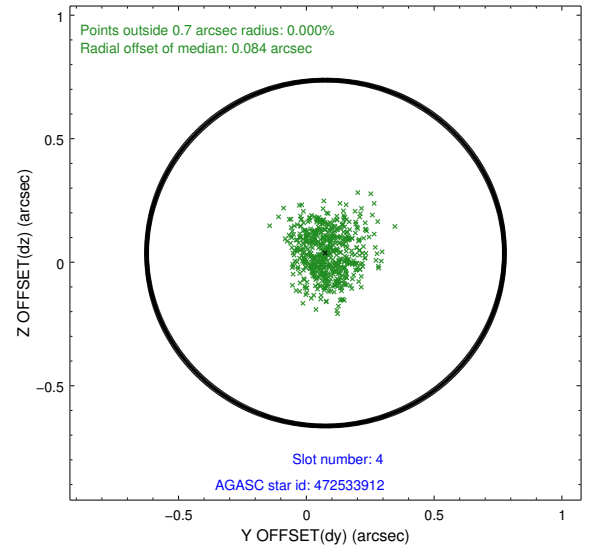
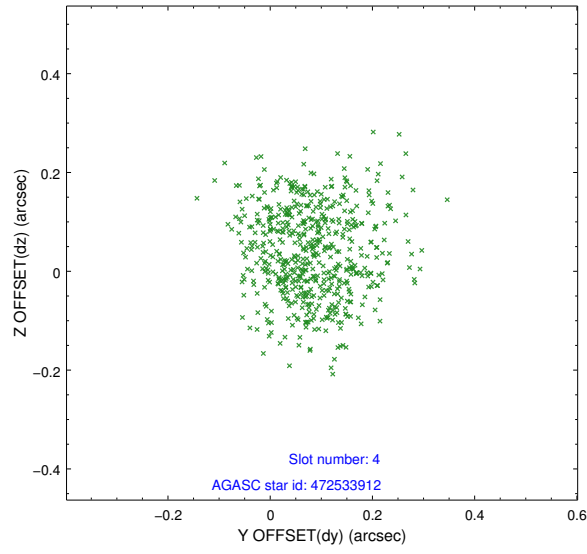
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	288	0.070	-0.137	0.007	0.012	0.000000	0.000000	-1168.18	-460.39
1	FID	HRC-S-2	6.96	288	0.218	-0.113	0.005	0.008	0.000000	0.000000	1227.57	-454.57
2	FID	HRC-S-3	6.98	288	0.100	-0.052	0.006	0.011	0.000000	0.000000	-1166.62	567.64
3	GUIDE	472523760	8.24	577	-0.026	-0.028	0.073	0.117	331.645363	45.403260	1989.20	137.43
4	GUIDE	472533912	9.15	577	0.075	0.037	0.129	0.202	331.791136	46.368695	-535.18	-2275.42
5	GUIDE	472655152	9.41	577	0.018	-0.124	0.126	0.202	332.504239	45.862991	-731.66	258.92
6	GUIDE	472665256	9.03	577	0.076	0.132	0.082	0.141	332.808125	46.195041	-2079.58	-172.15
7	GUIDE	472659832	9.45	575	-0.135	-0.048	0.125	0.290	332.780399	46.098139	-1806.67	51.90

2.4 Star Slots

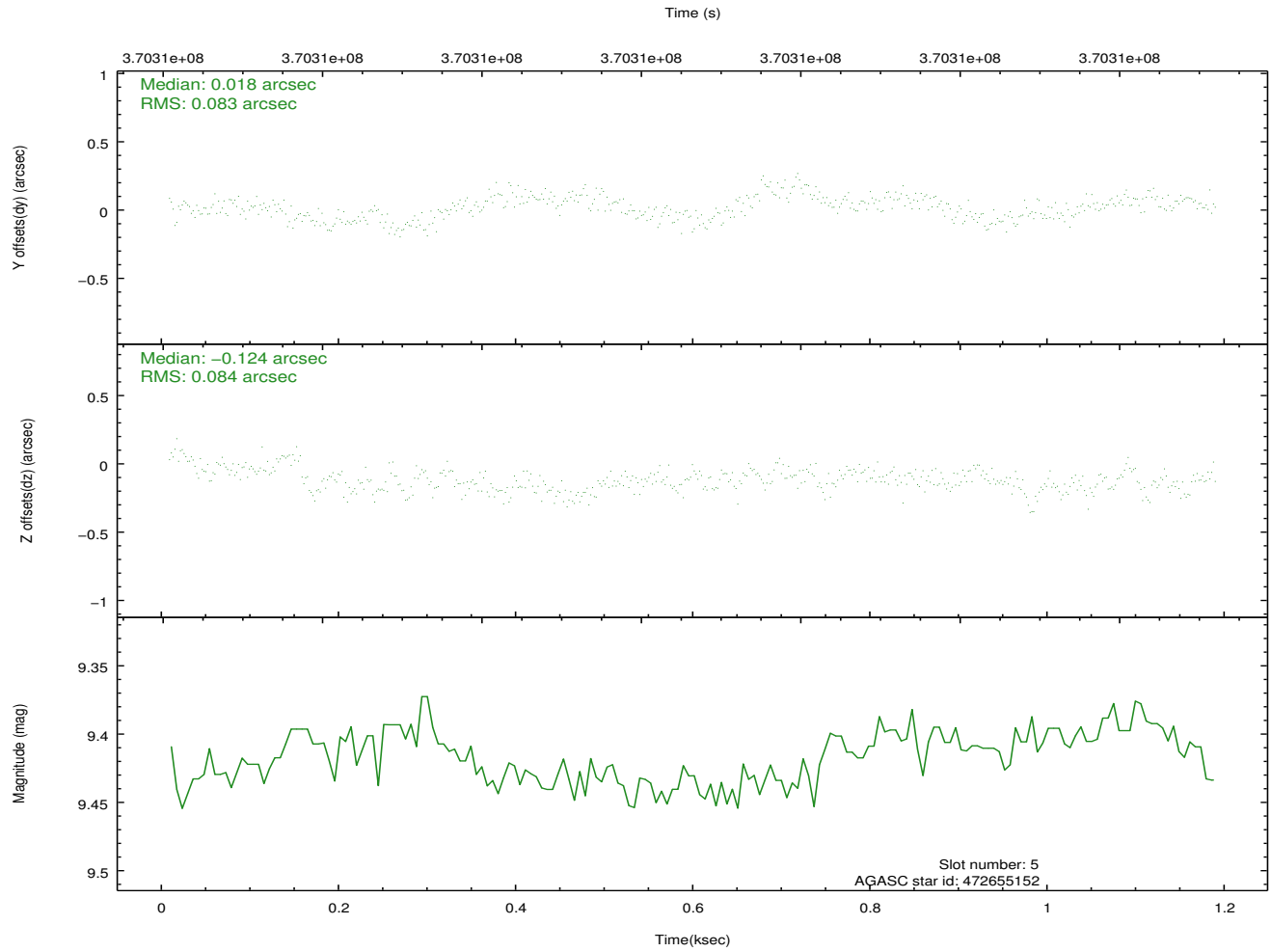
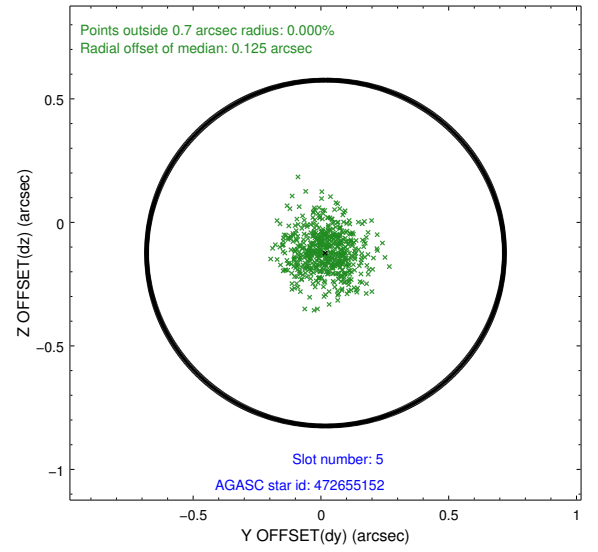
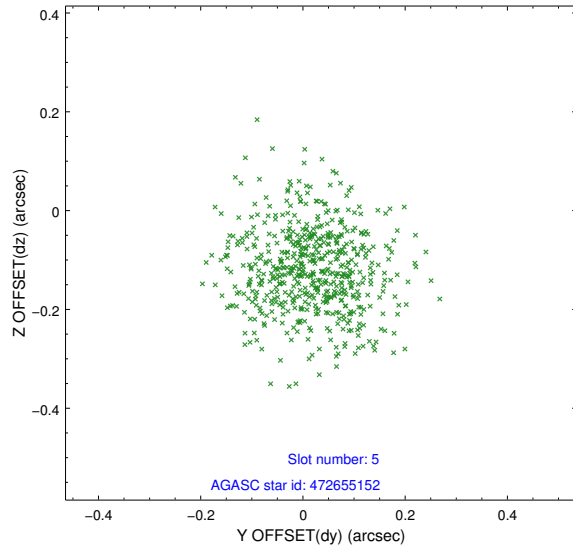
2.4.1 Slot 3



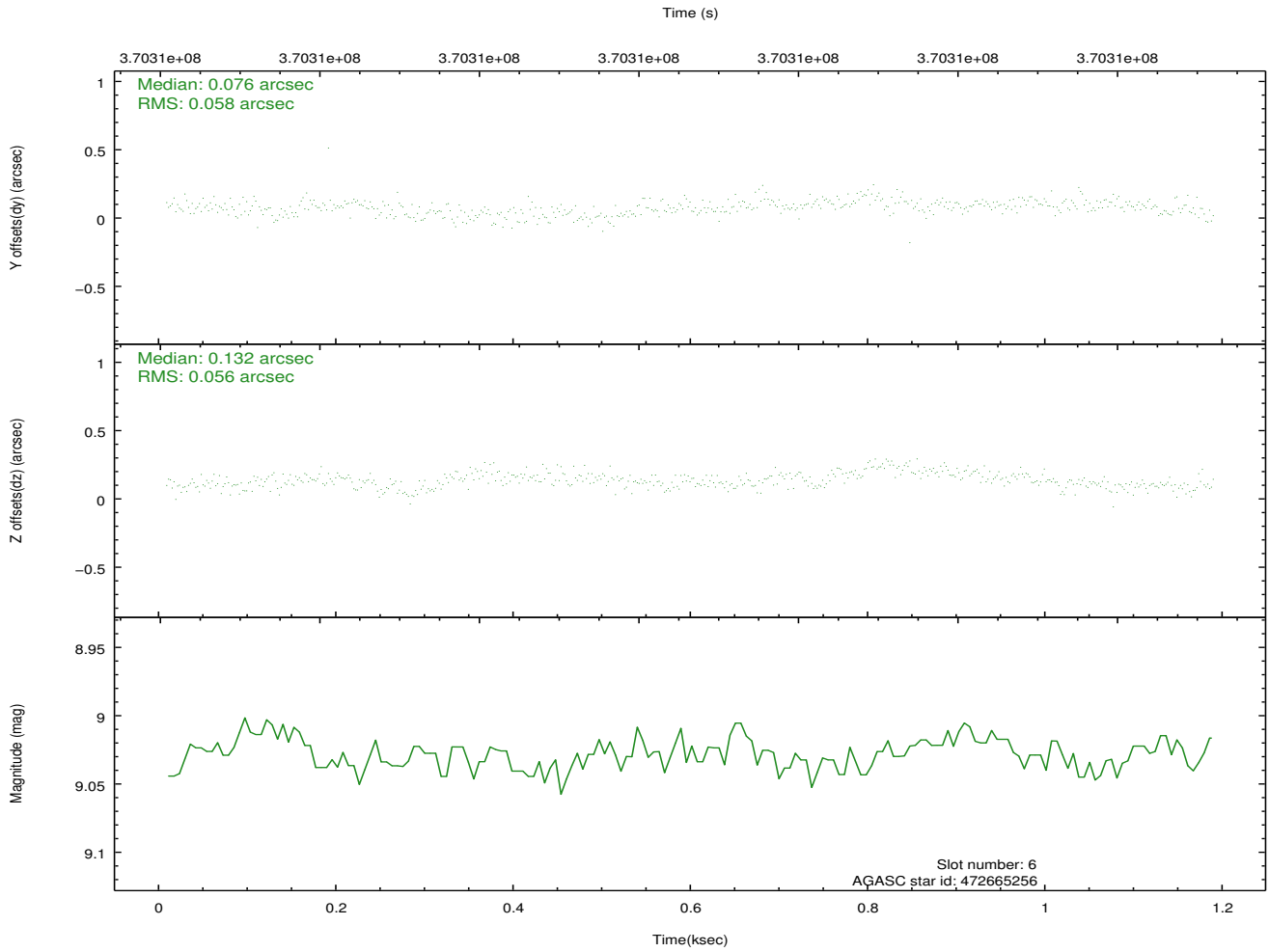
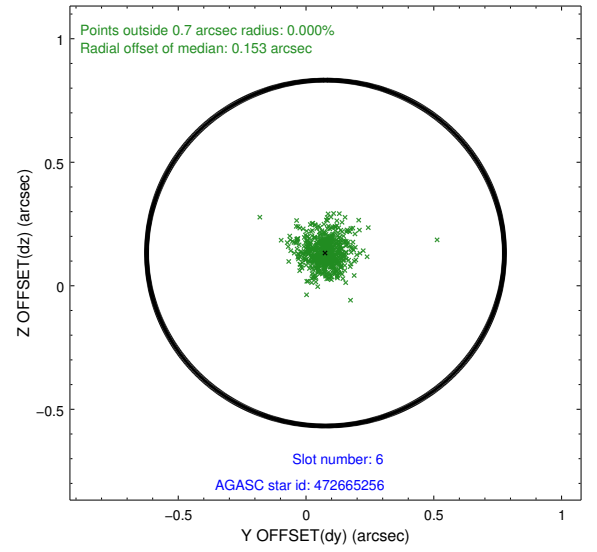
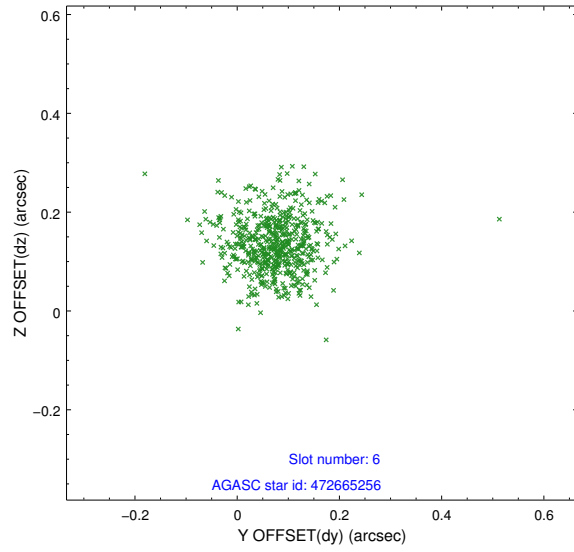
2.4.2 Slot 4



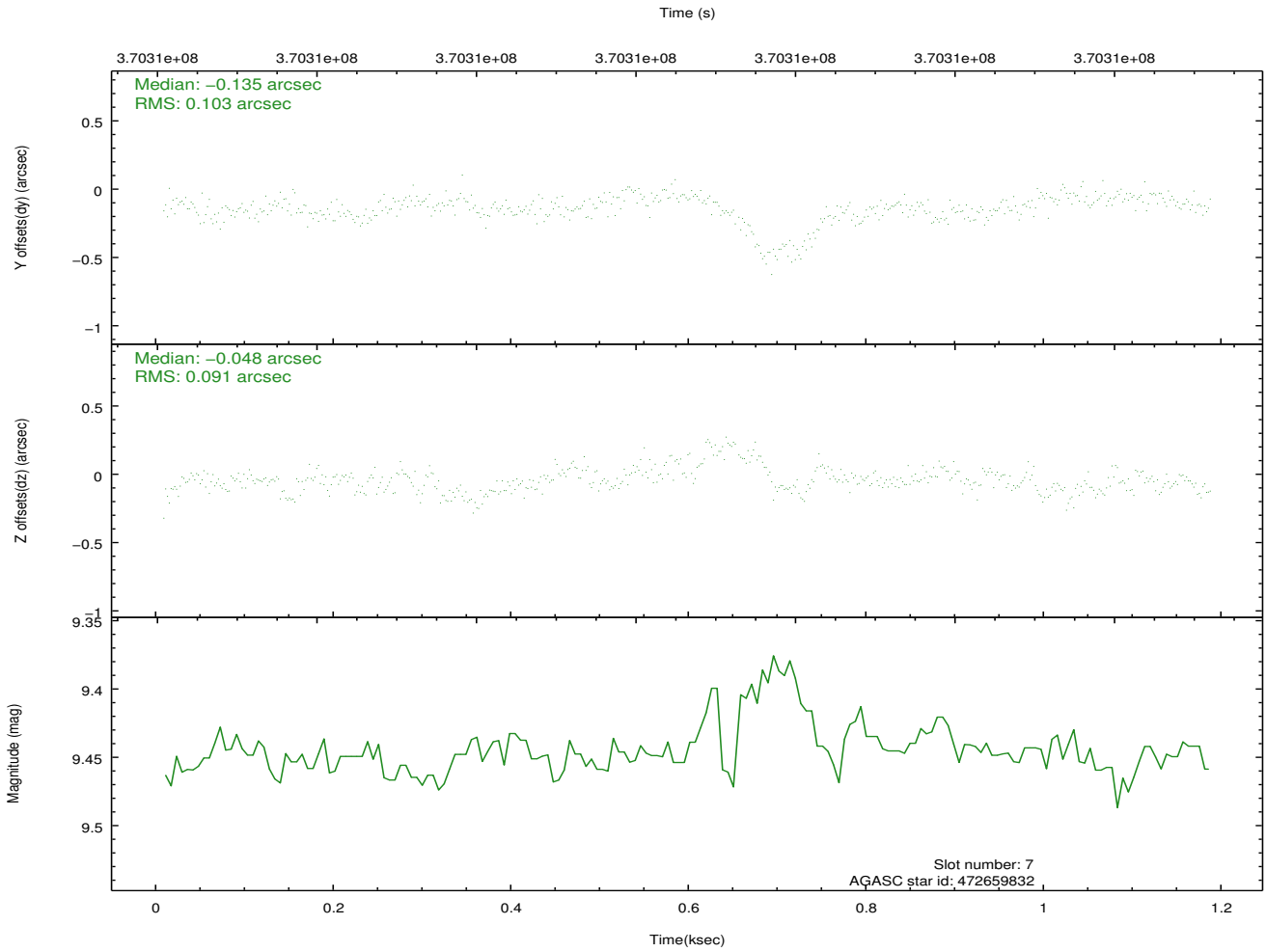
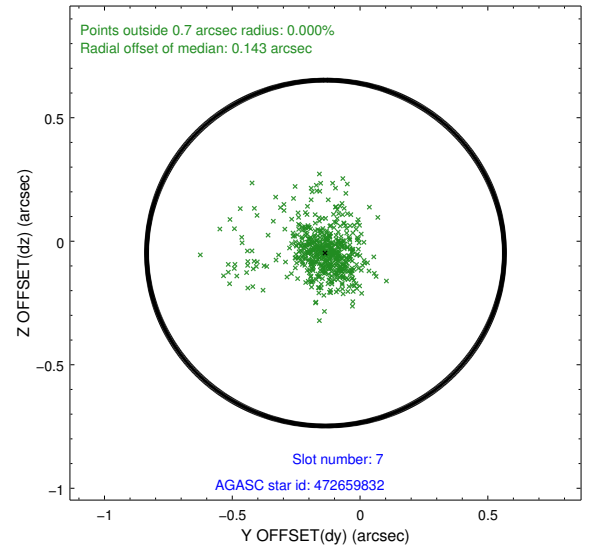
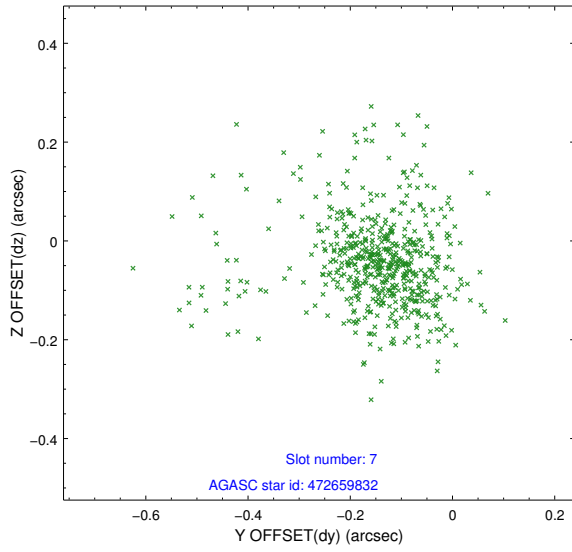
2.4.3 Slot 5



2.4.4 Slot 6

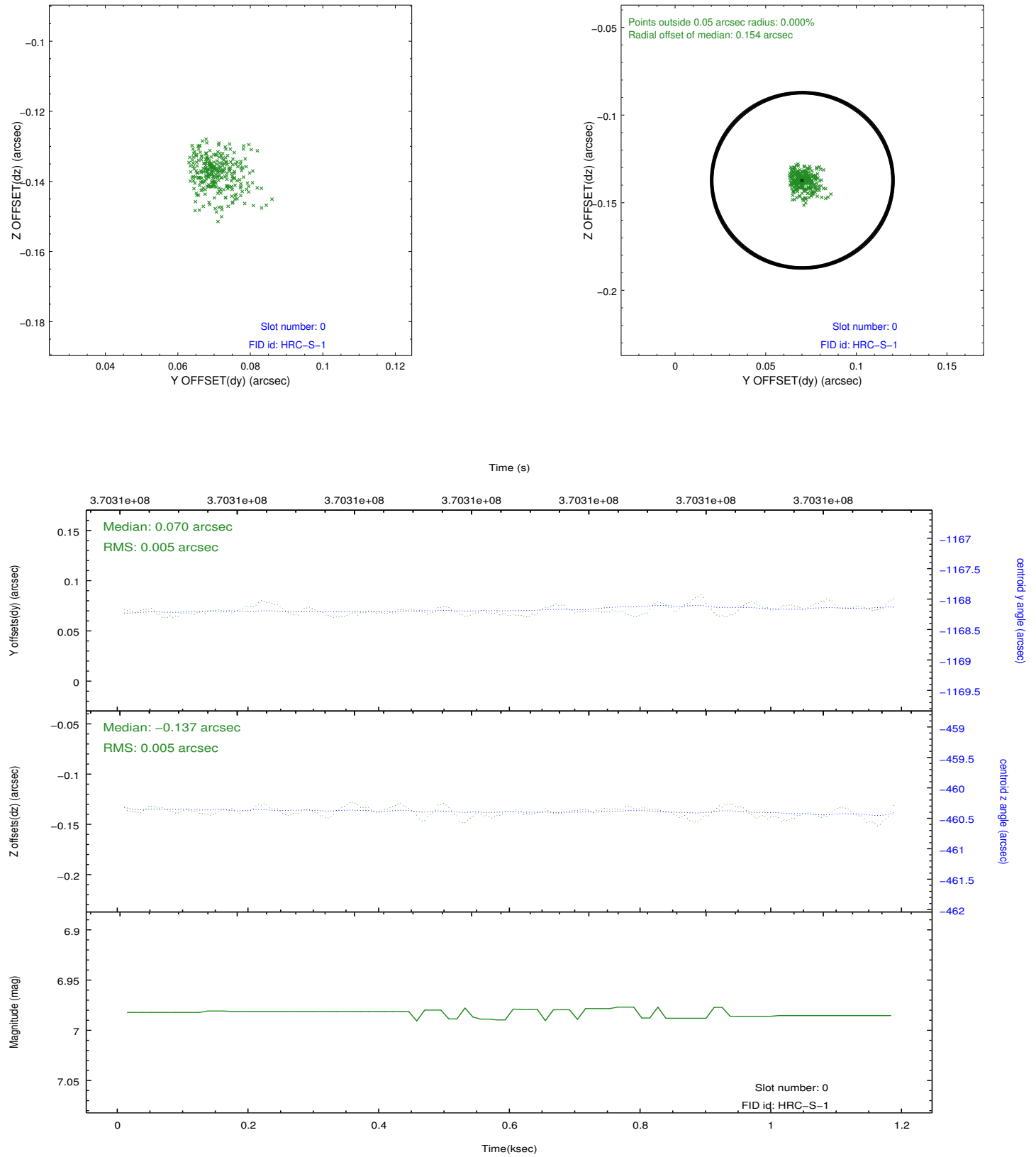


2.4.5 Slot 7

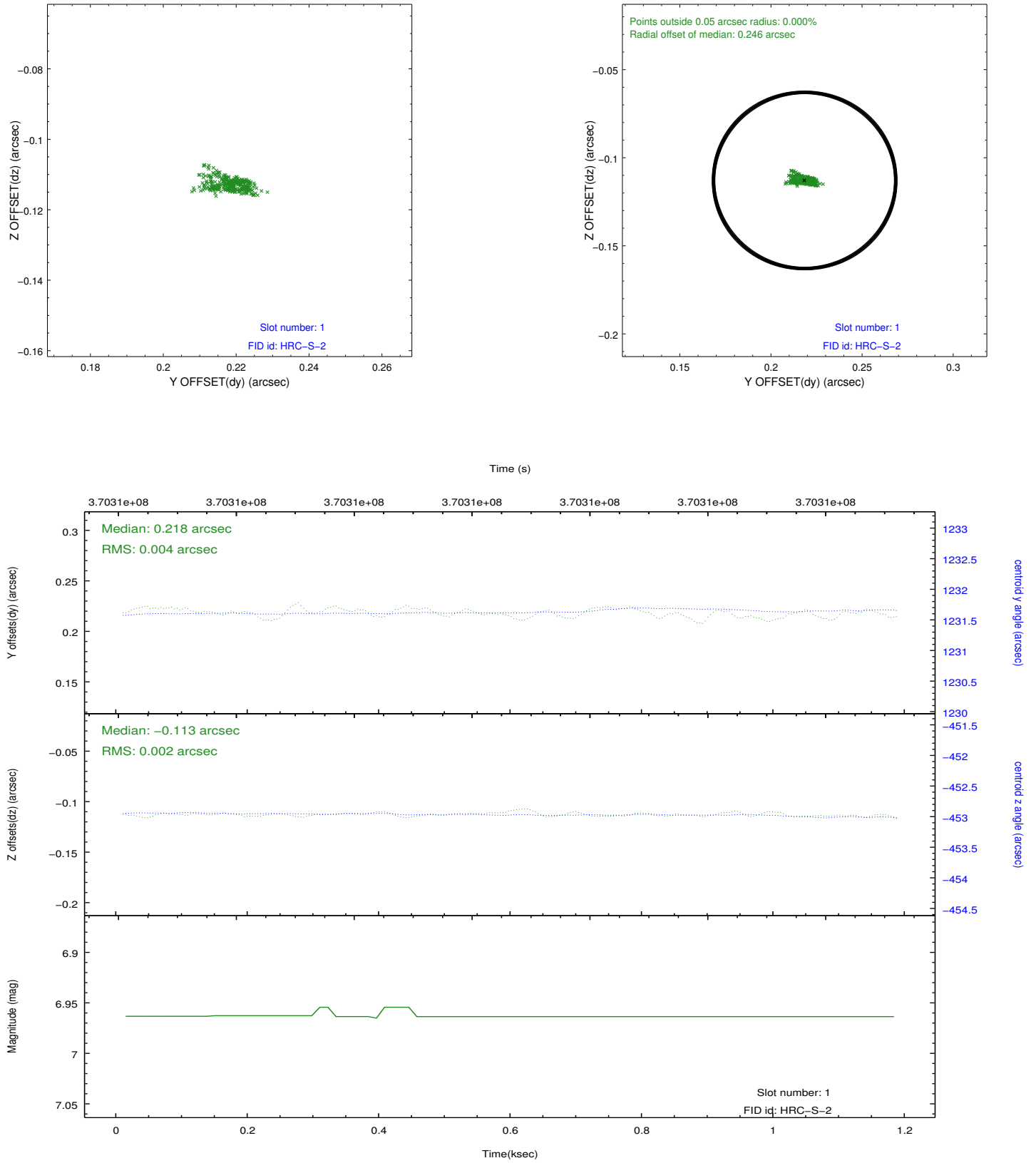


2.5 FID Slots

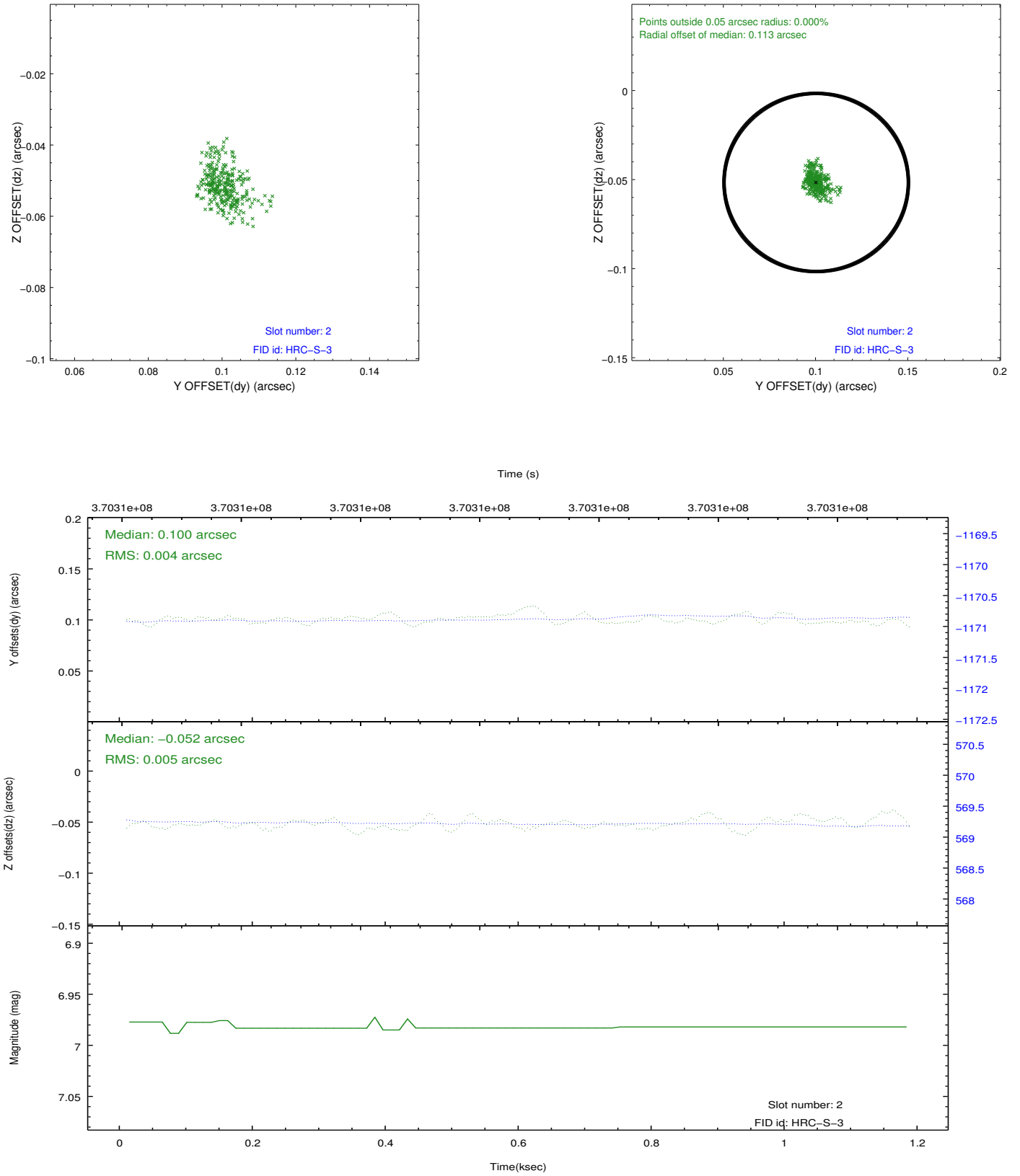
2.5.1 Slot 0



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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1797750592232

A.2 Comments