

Tokamak GOLEM - Shot Database - 22471

Date: 2016-09-29 - 14:33:57
Session: TrainingCourses/Universities/Uni_Belgrade.rs/2016/
Comment: Standard discharge

Basic parameters: (compare)

- Gas pressure p_{ch} : 0.42 → 20.39 mPa (request: 20 mPa) ^{WIKI}
- Working gas: H
- Preionization: Upper el. gun
- Chamber temperature: 27.20 C
- C_{B_1} capacitors charged to: 800 V, triggered 5.0 ms ^{WIKI}
- C_{BD} capacitors charged to: 0 V, triggered 5.0 ms ^{WIKI}
- C_{CD} capacitors charged to: 400 V, triggered 6.0 ms ^{WIKI}
- C_{ST} capacitors charged to: 0 V, triggered 5.0 ms ^{WIKI}
- Probability of breakdown: 85% ^{WIKI}
- Time since session beginning: 0:07:50 h

Plasma parameters:

- Plasma life time 14.8 [ms] (from 7.8 to 22.6)
- Mean toroidal magnetic field B_t : 0.23 T ^{WIKI}
- Mean plasma current: 3.60 kA ^{WIKI}
- Mean Uloop: 5.92 V ^{WIKI}
- Break down voltage: 9.6 V ^{WIKI}
- Ohmic heating power: 21.33 kW
- Q edge: 2.9 ^{WIKI}
- Electron temperature: 41.1 eV ^{WIKI}
- Line electron density: 5.52 [$10^{17} \cdot m^{-2}$] ^{WIKI}

Diagnostics

- ✓ Interferometer
- ✓ Spectrometer
- ✗ FastCamera
- ✓ HXR

Analysis

- ✓ ShotHomepage

DAS

- ✓ TektronixDPO
- ✓ NIstandard
- ✓ Papouch_St
- ✓ Papouch_Ko
- ✓ Nloctopus

Vacuum log

Other

- Data
- References
- About
- Wiki
- Utilities

Navigation

- Next
- Previous
- Current

Go to shot

22471

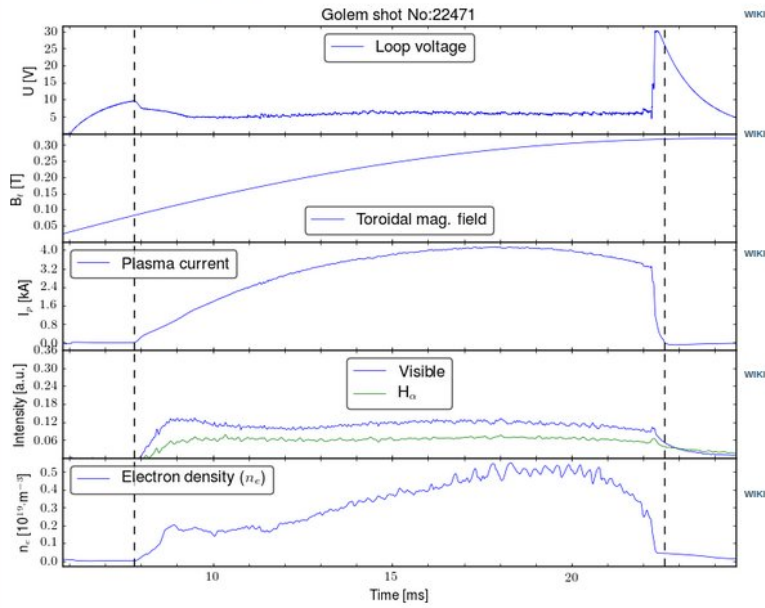


Figure 1: Home page of the GOLEM discharge containing all important informations and references to the diagnostics and and evaluated analysis of these measurements