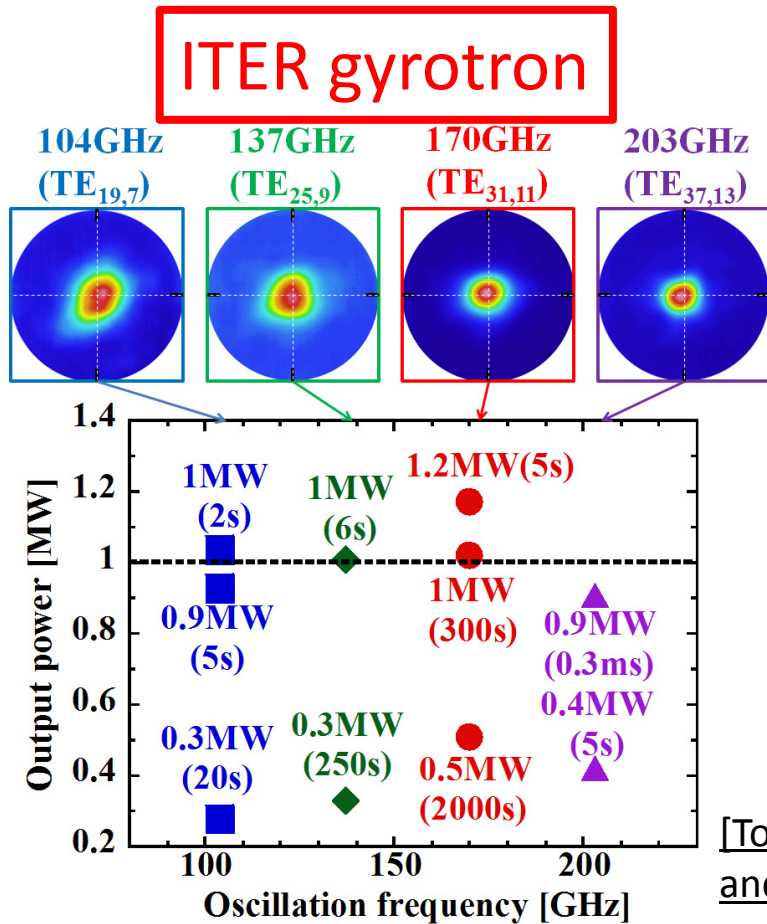
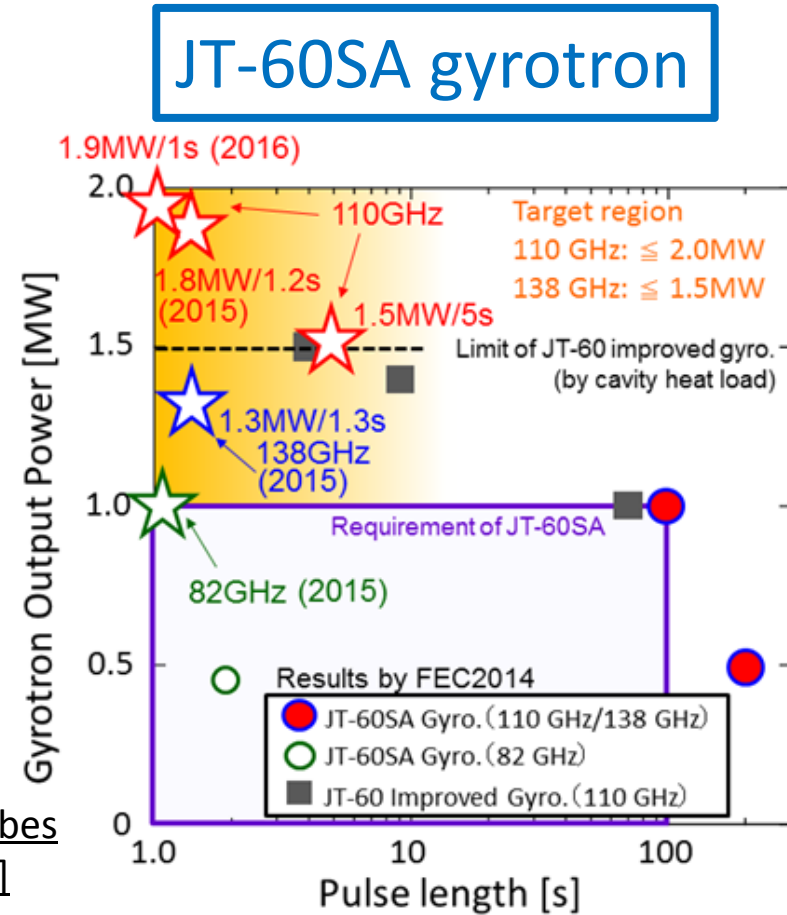


Development of Multi-Frequency Mega-Watt Gyrotrons for Fusion Devices in JAEA (QST) [FIP/1-6Rb]



[Toshiba Electron Tubes and Devices Co., Ltd]



203GHz oscillation for a demo-reactor grade was demonstrated, and quad-frequency oscillations of 1.0MW/104GHz & 137GHz, 1.0MW-1.2MW/170GHz and 0.9MW/203GHz have been achieved.

1.9MW/1s/110GHz has been achieved as world-record power in conventional gyrotrons, and 1.3MW/1.3s/138GHz and 1MW/1s/82GHz as were demonstrated as triple-frequency MW power gyrotron.