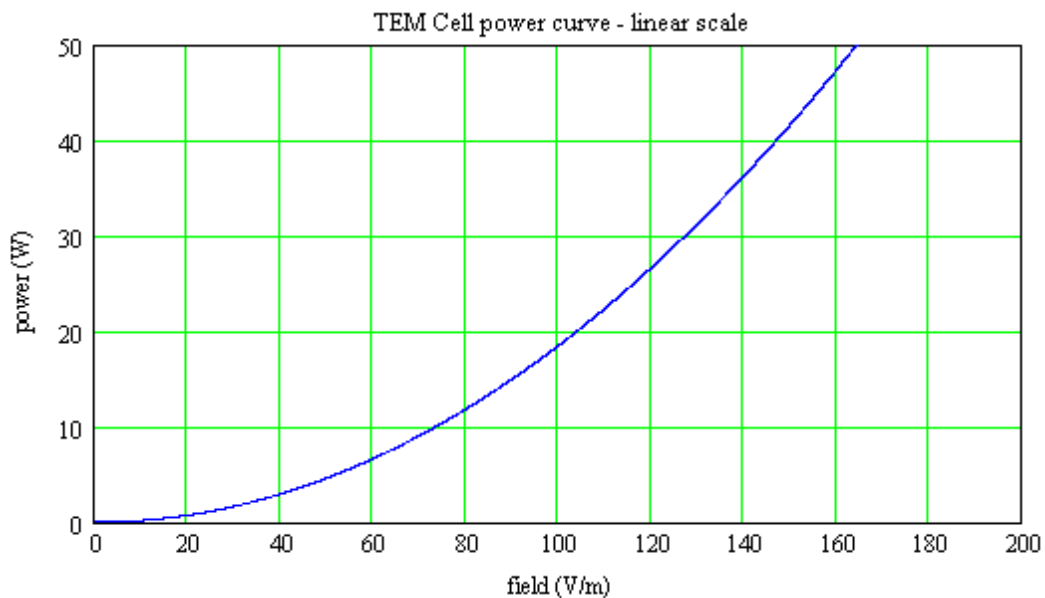
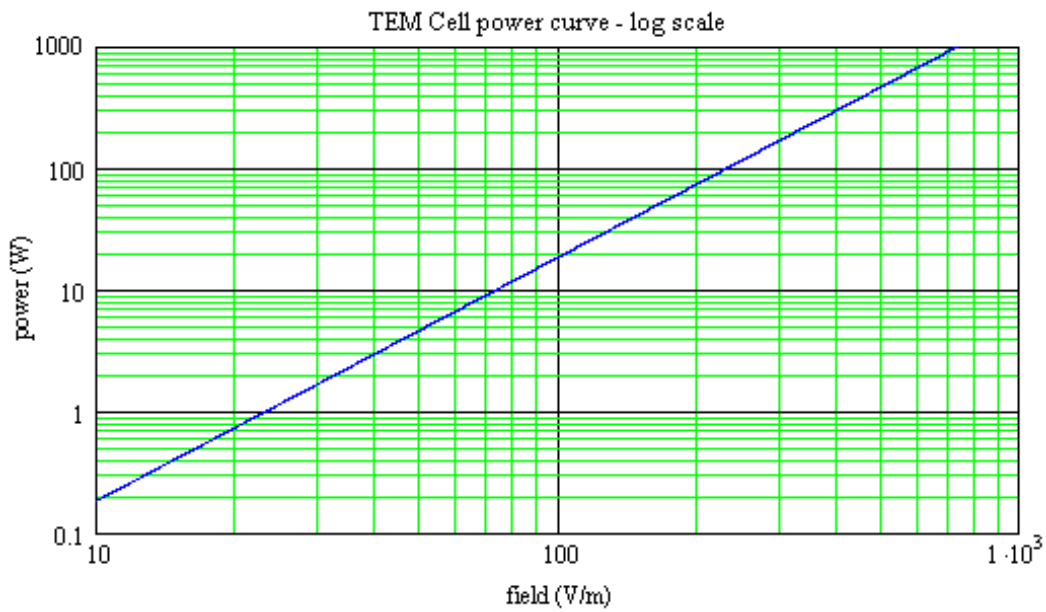


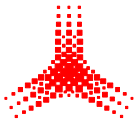
Technical Note - TN03

TEM cells - typical power requirements

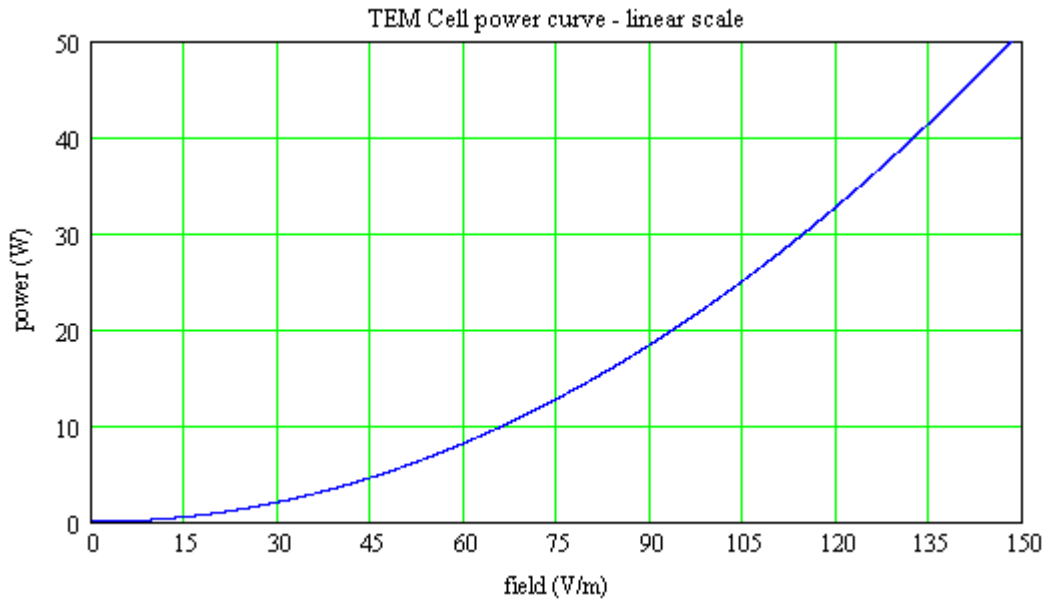
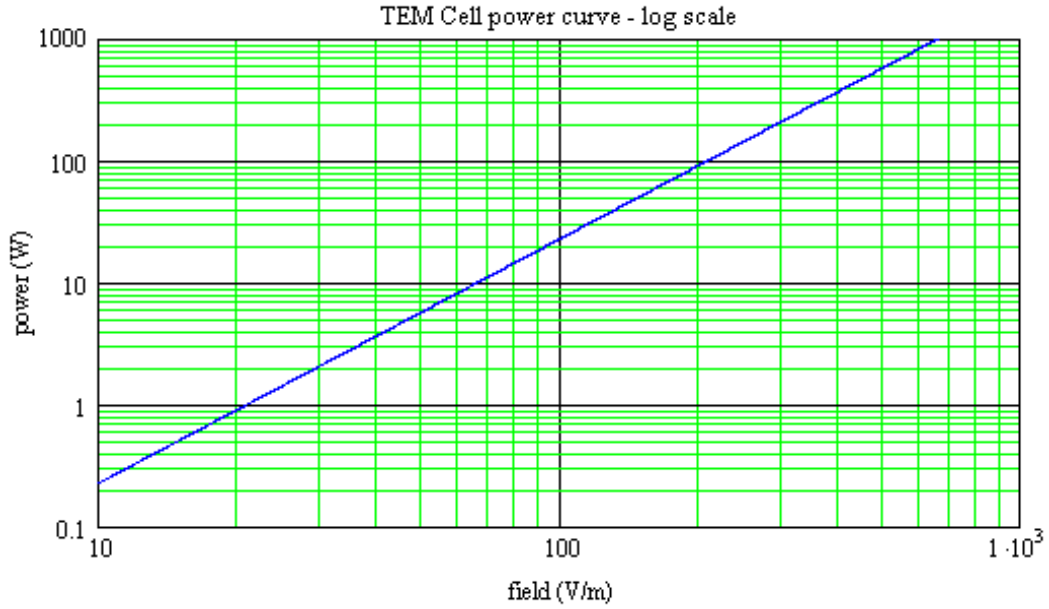
The following calculations give the minimum power requirements of the amplifier for a VSWR of 1.4, without modulation, without the power loss of the accessories and without taking into account the mismatch of the load. The calculated values correspond with the field in the centre of the test area.

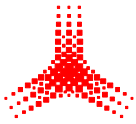
Model TEMF200 : closed TEM cell DC – 200 MHz



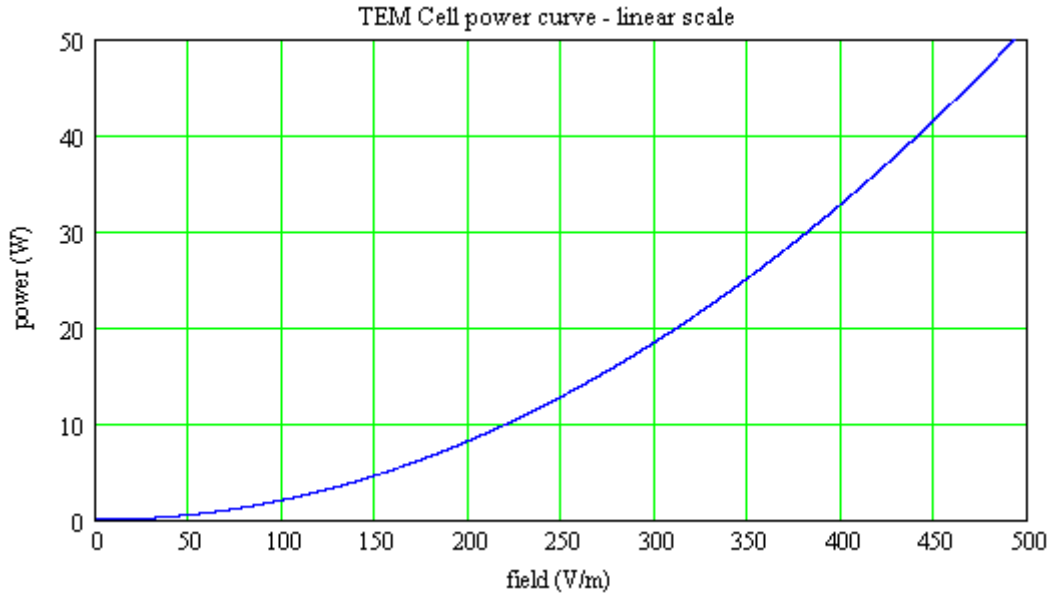
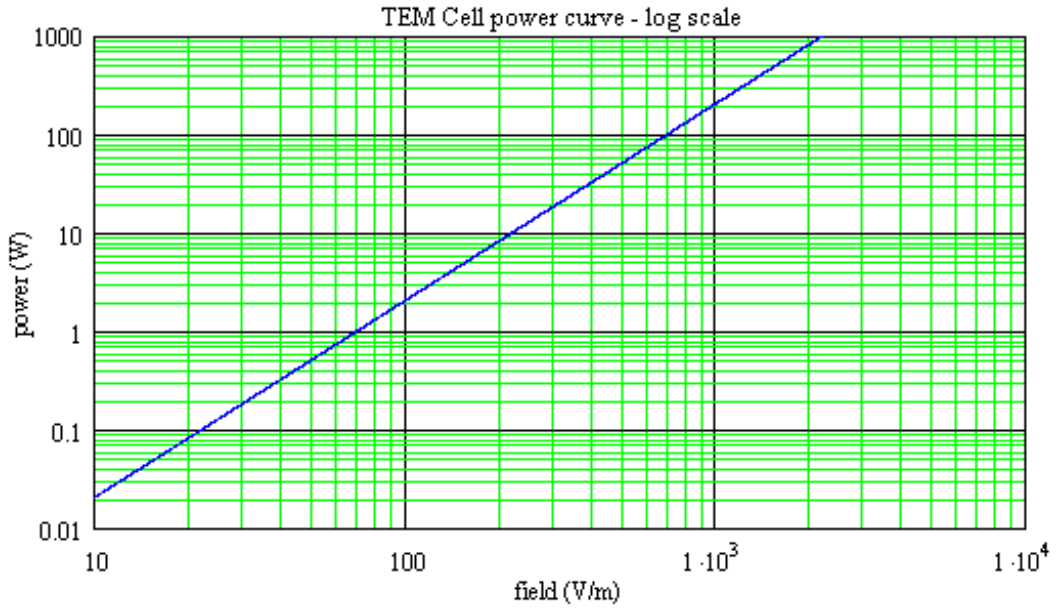


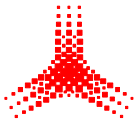
Model TEM220 : open TEM cell DC – 220 MHz



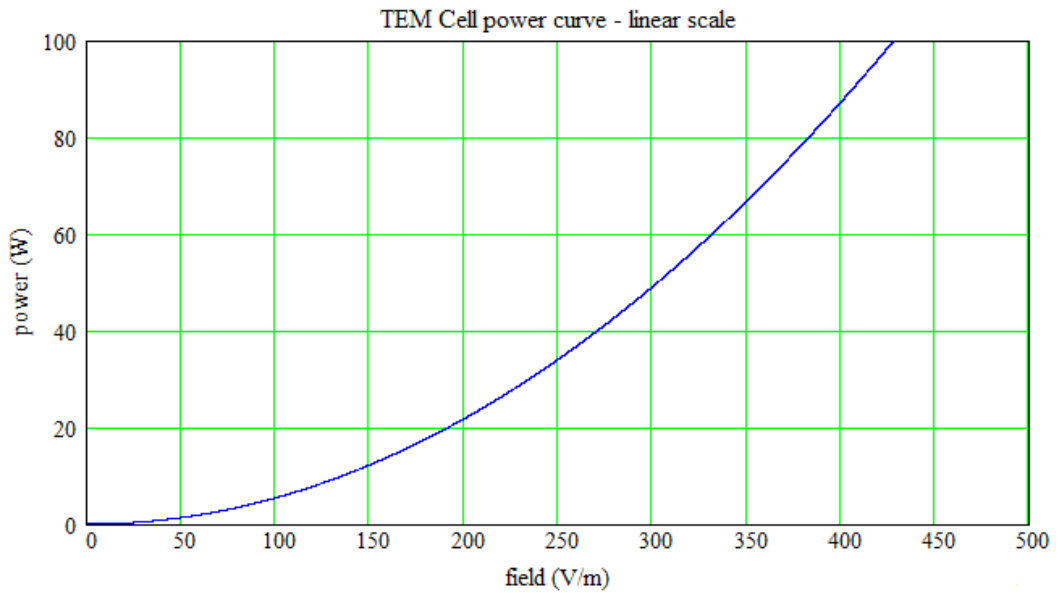
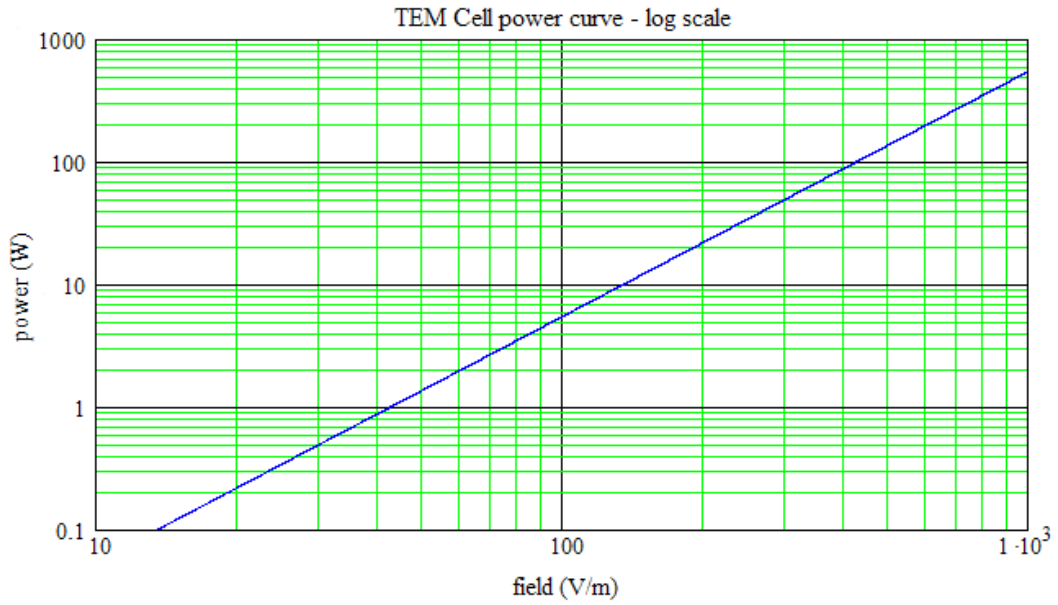


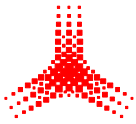
Model TEMF500 : closed TEM cell DC – 500 MHz



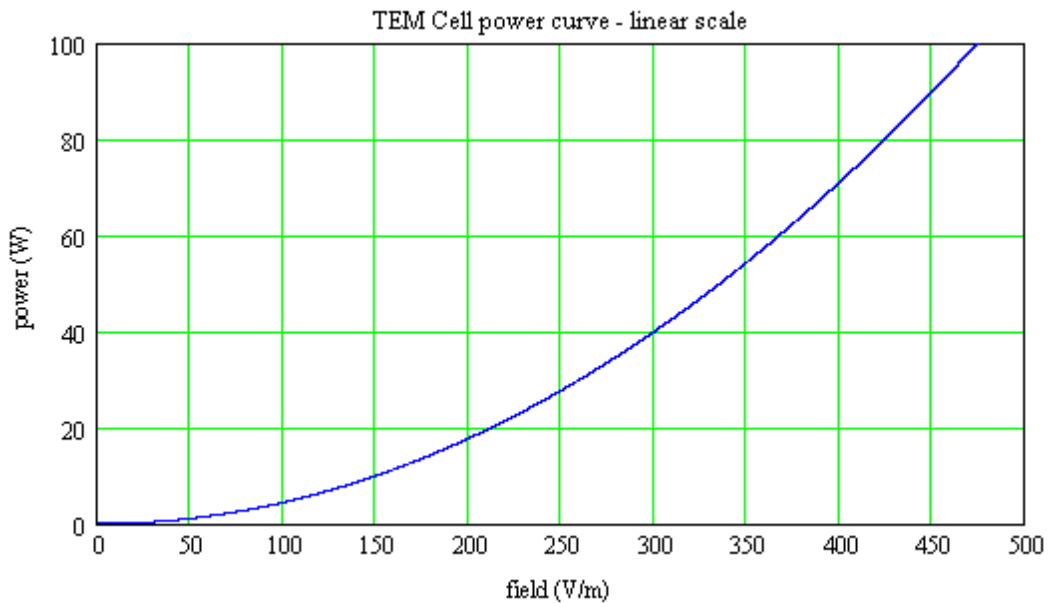
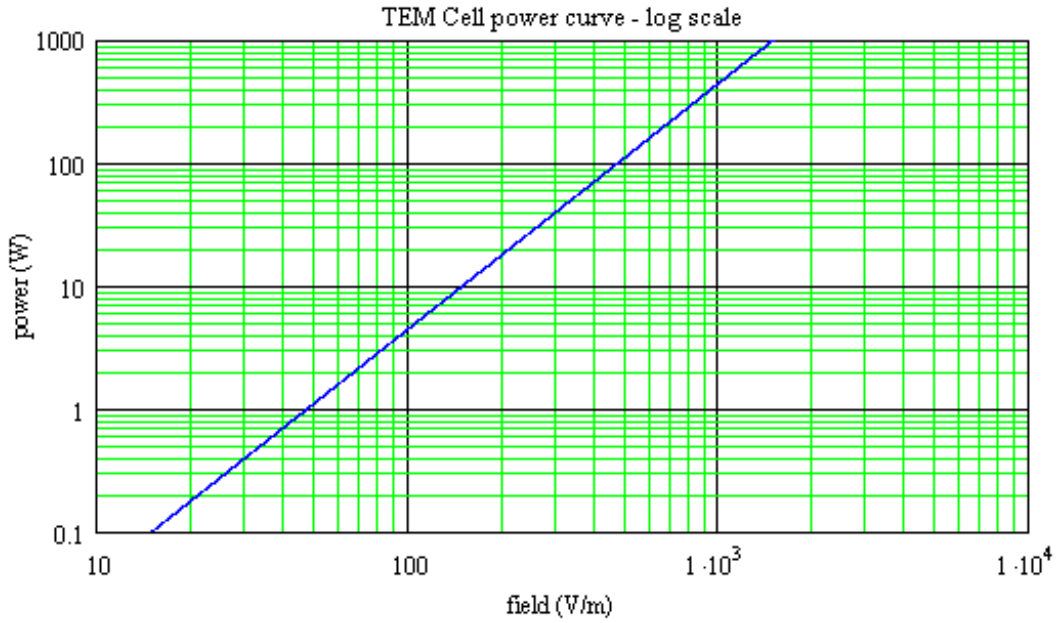


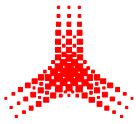
Model TEM450 : open TEM cell DC – 450 MHz



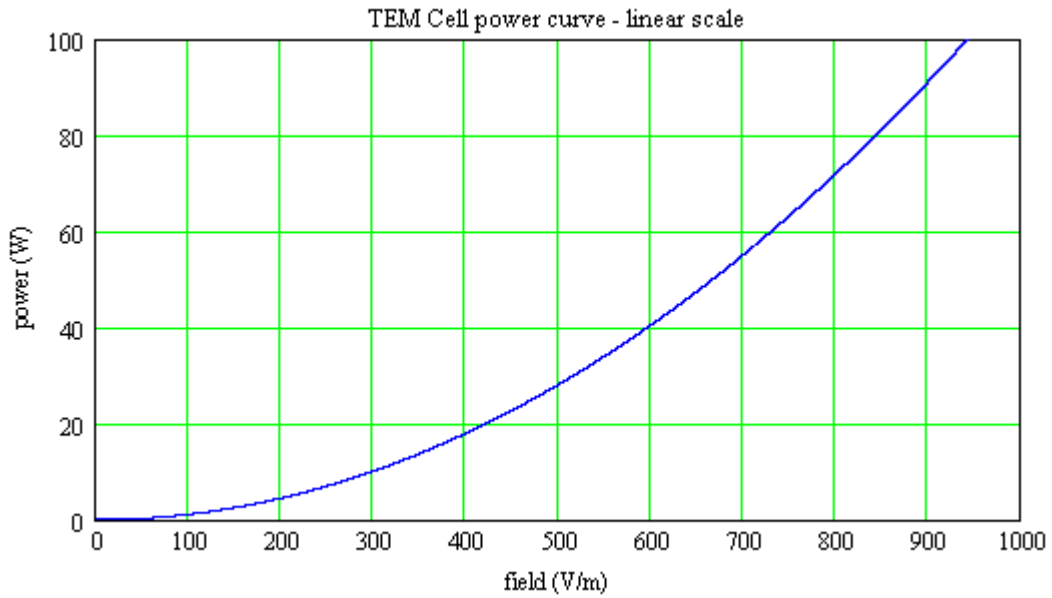
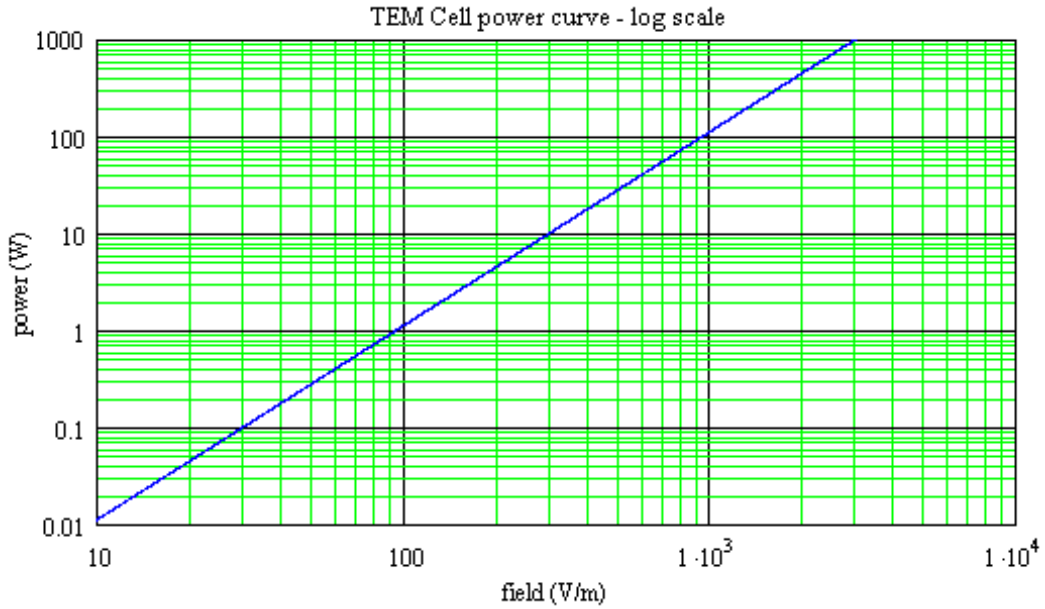


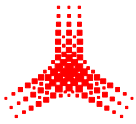
Model TEM500 : open TEM cell DC – 500 MHz



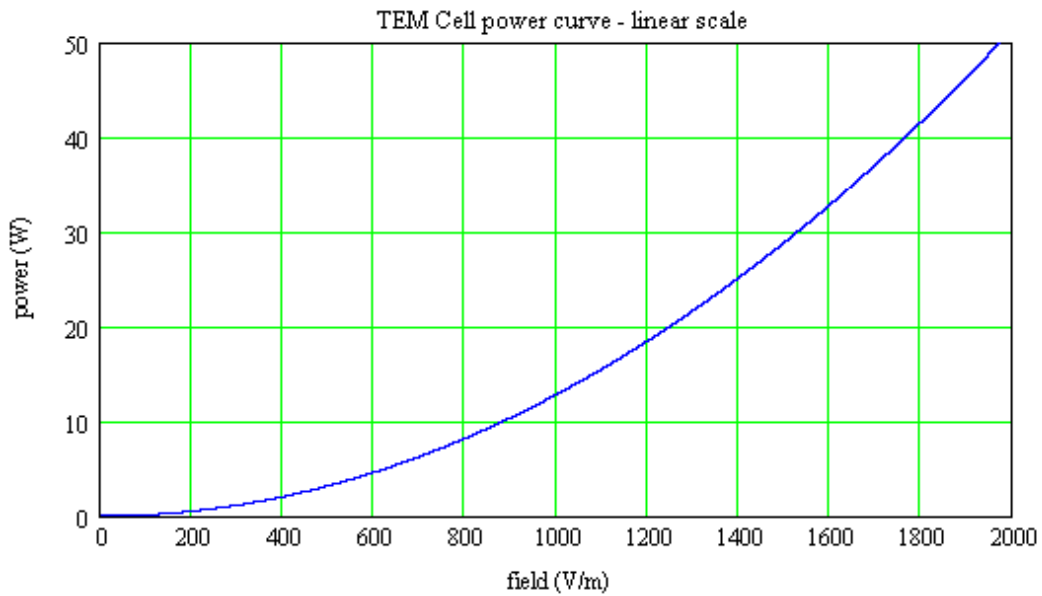
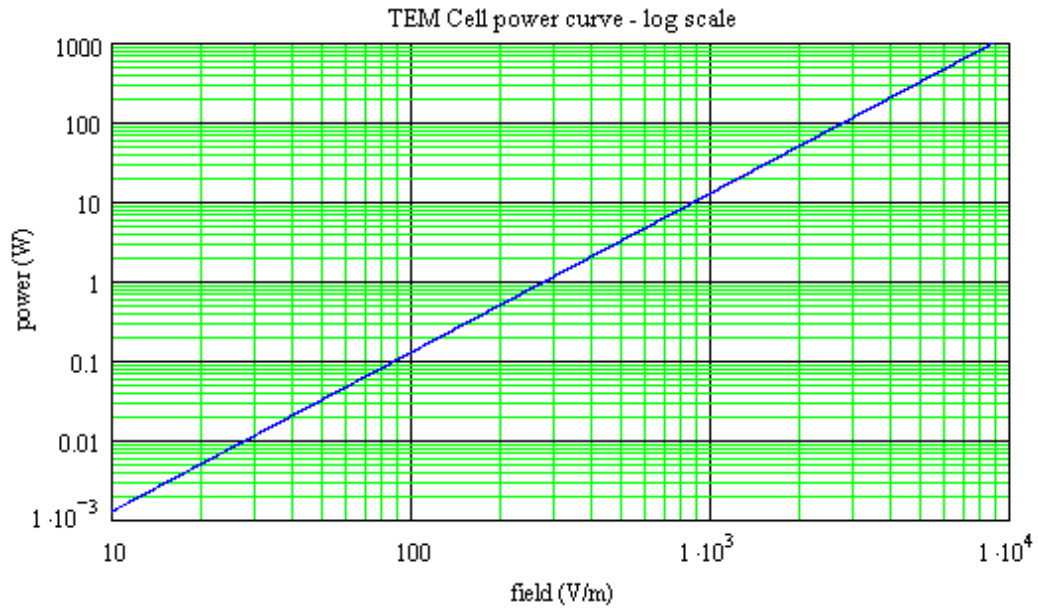


Model TEM1000 and TEMF1000 : open and closed TEM cell DC – 1 GHz





Model TEM3000 and TEMF3000 : open and closed TEM cell DC – 3 GHz



Version A - V:\Notes_application\doc\TN03_TEM_power_requirement.doc