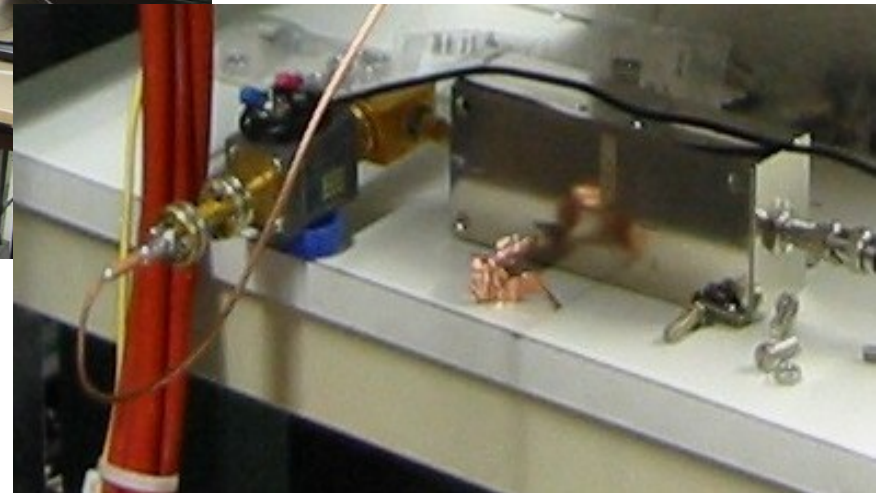
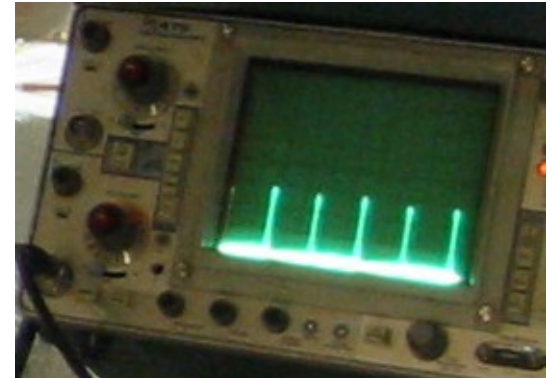
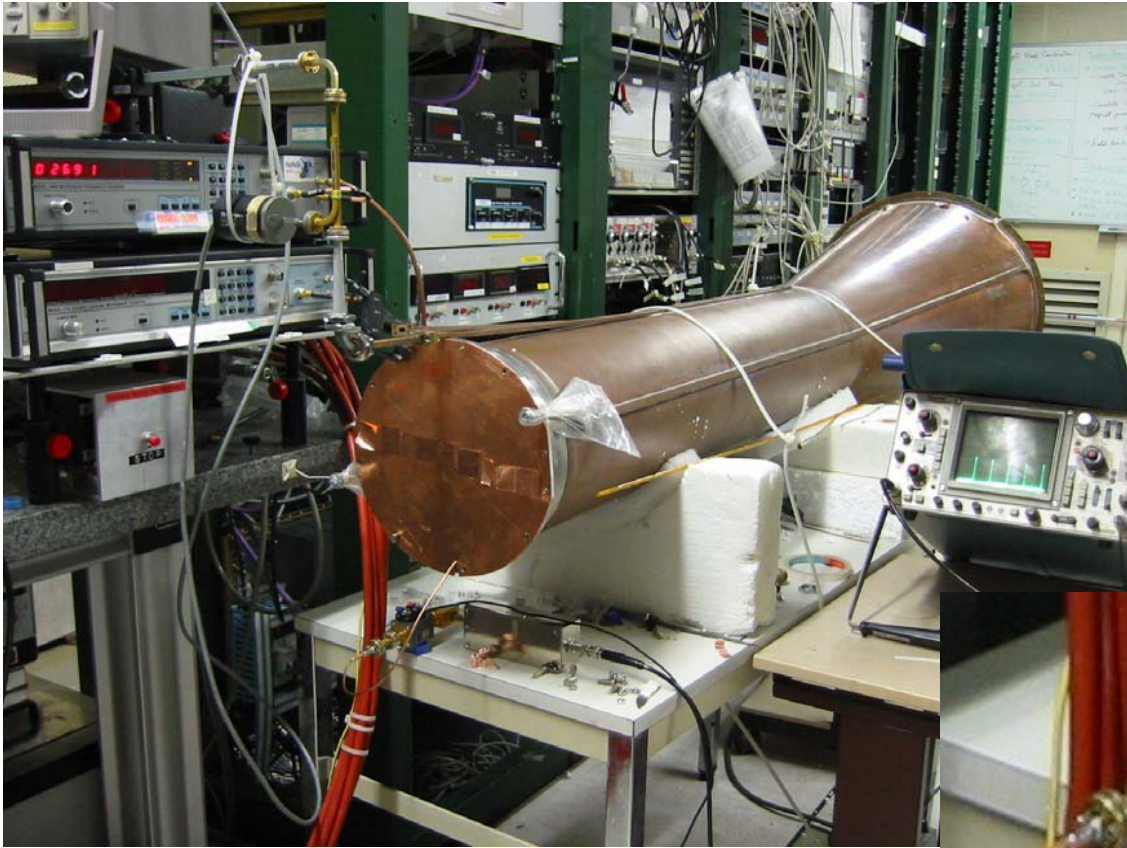
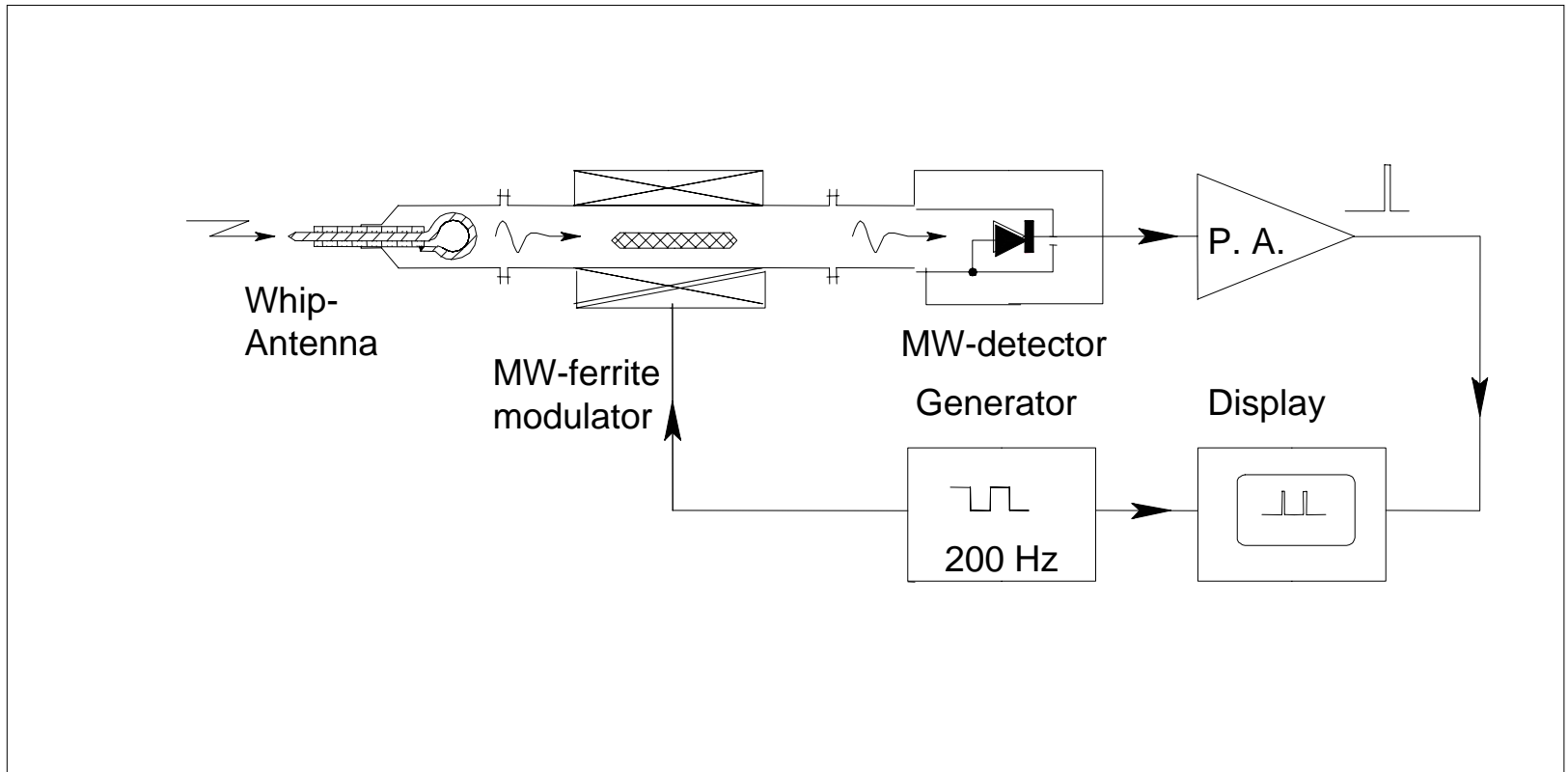


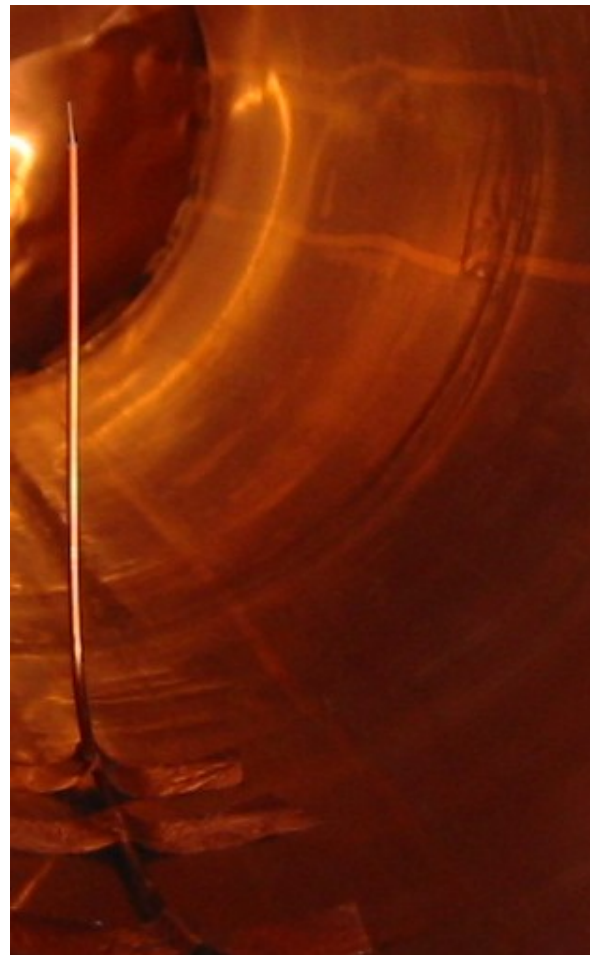
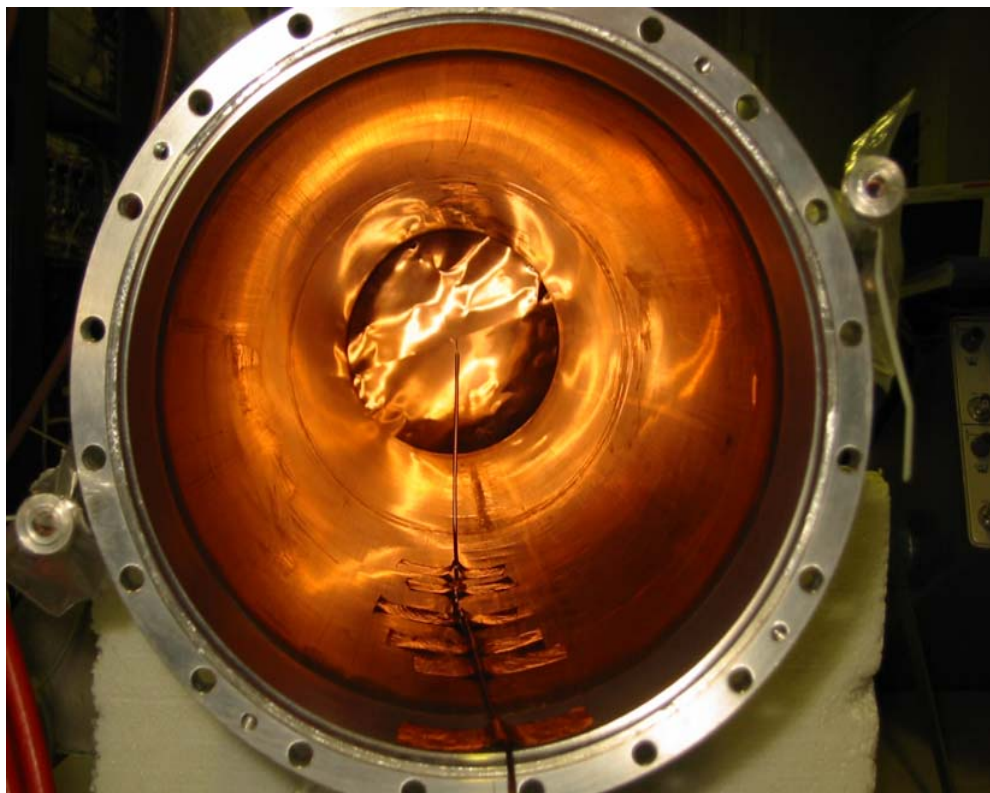
Investigation of the COMPASS cavity



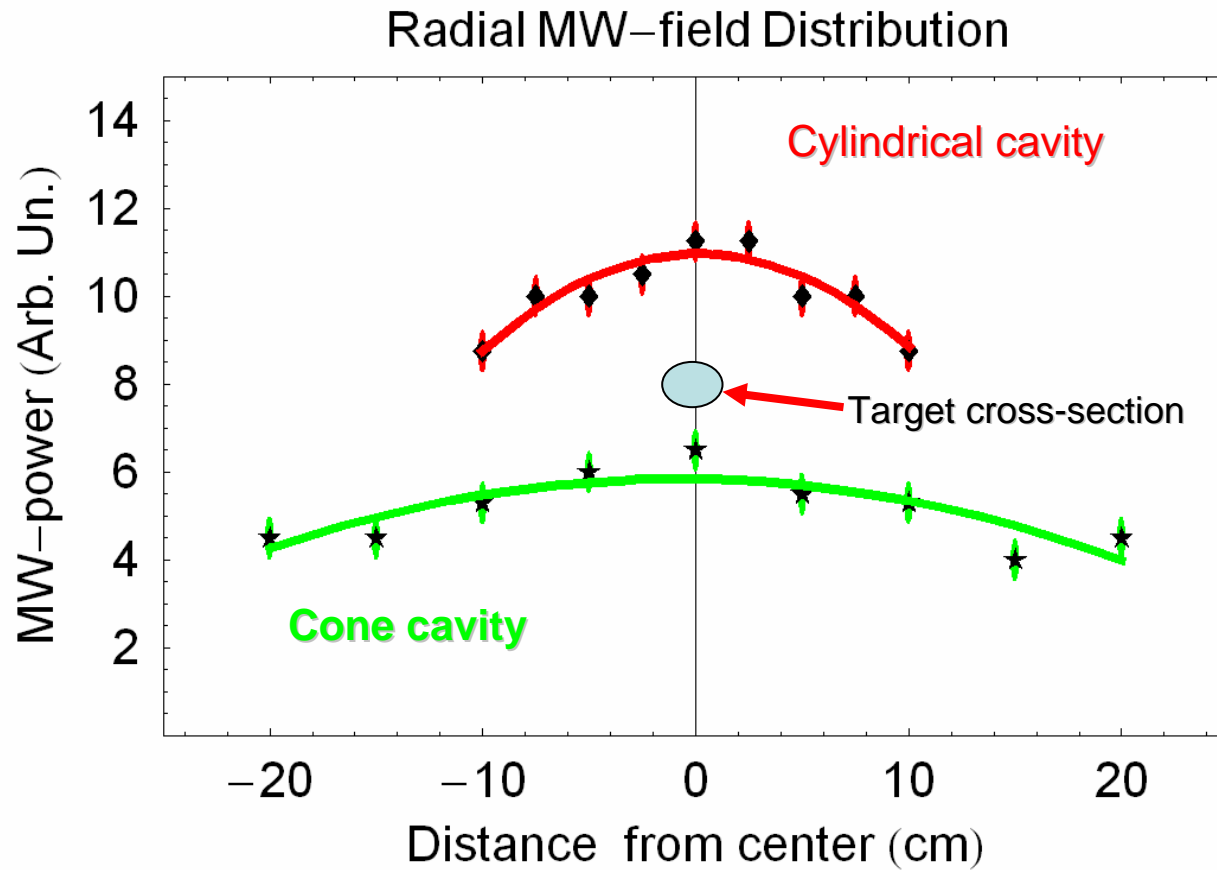
MW-sensor for the spectral measurements



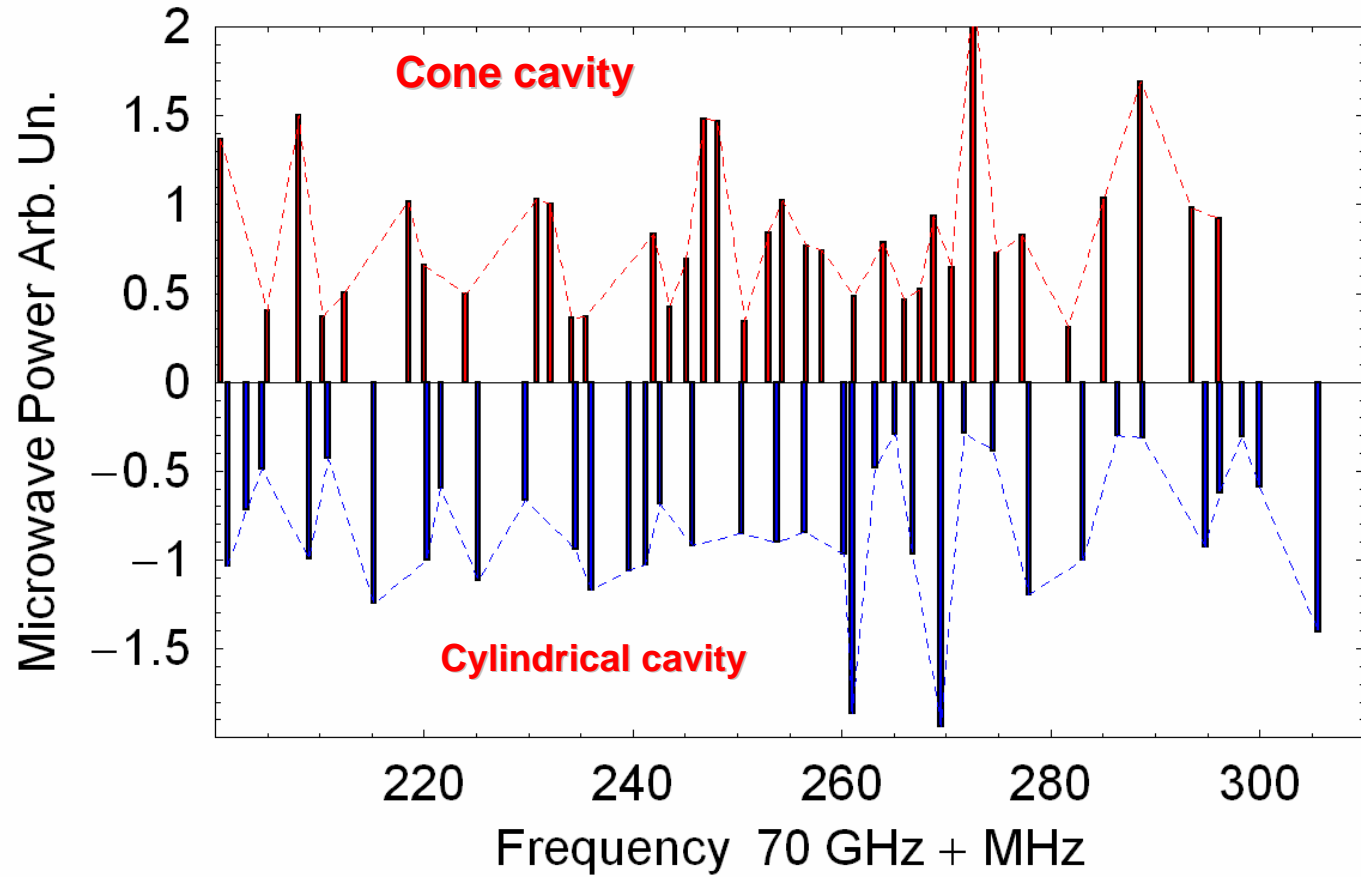
Position of the whip-antenna in the cavity



Radial distribution of MW-power

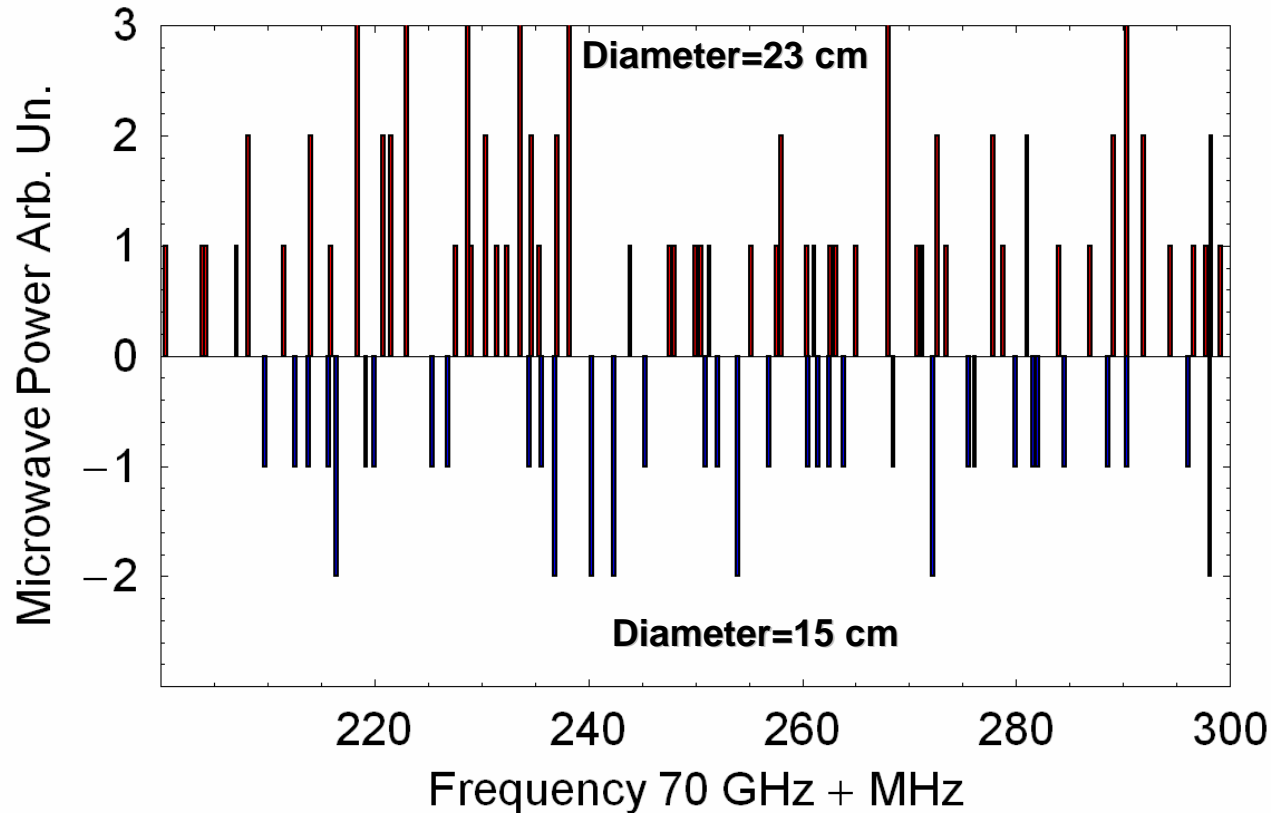


Comparison of spectrum in the cone and in the cylindrical cavities

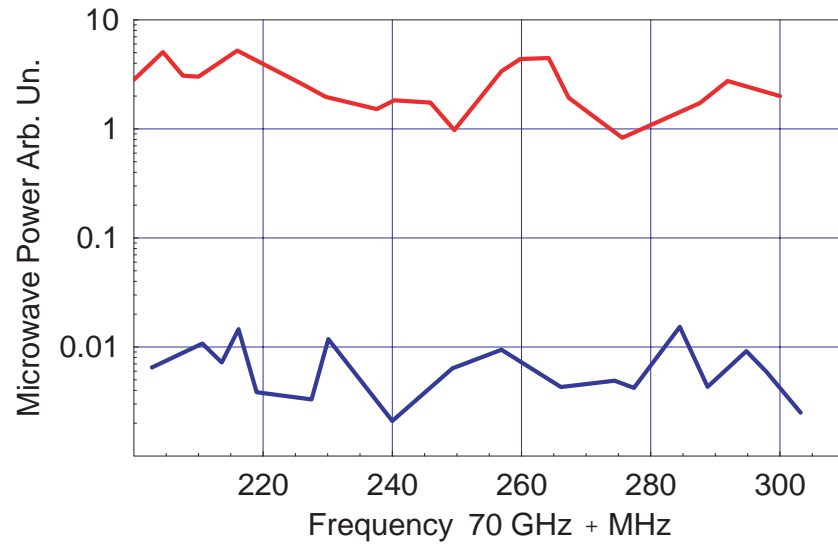
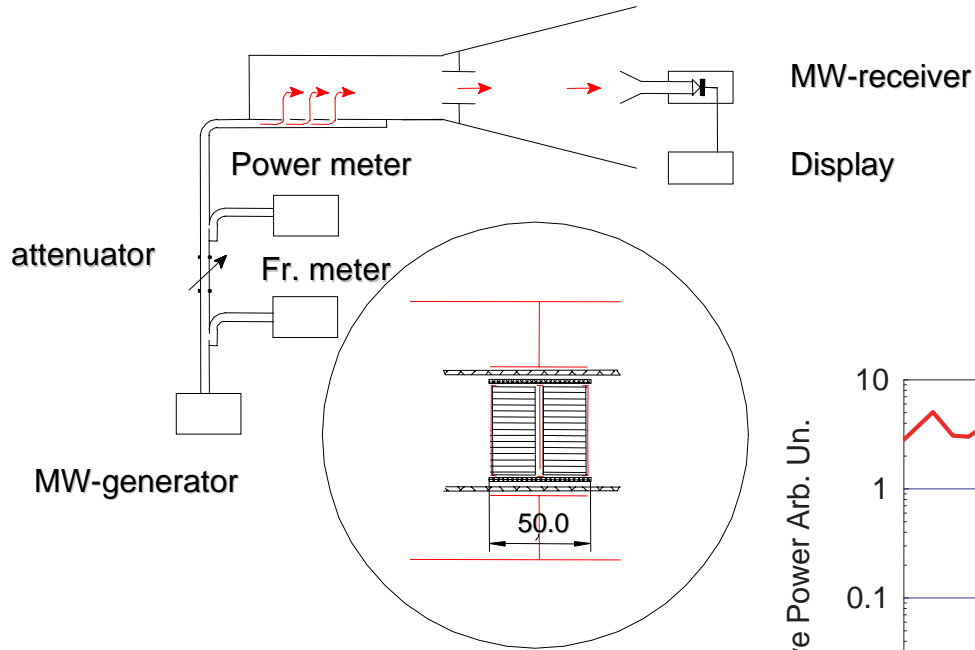


Calculation of the E and M modes in the 23 and 15 cm cavities

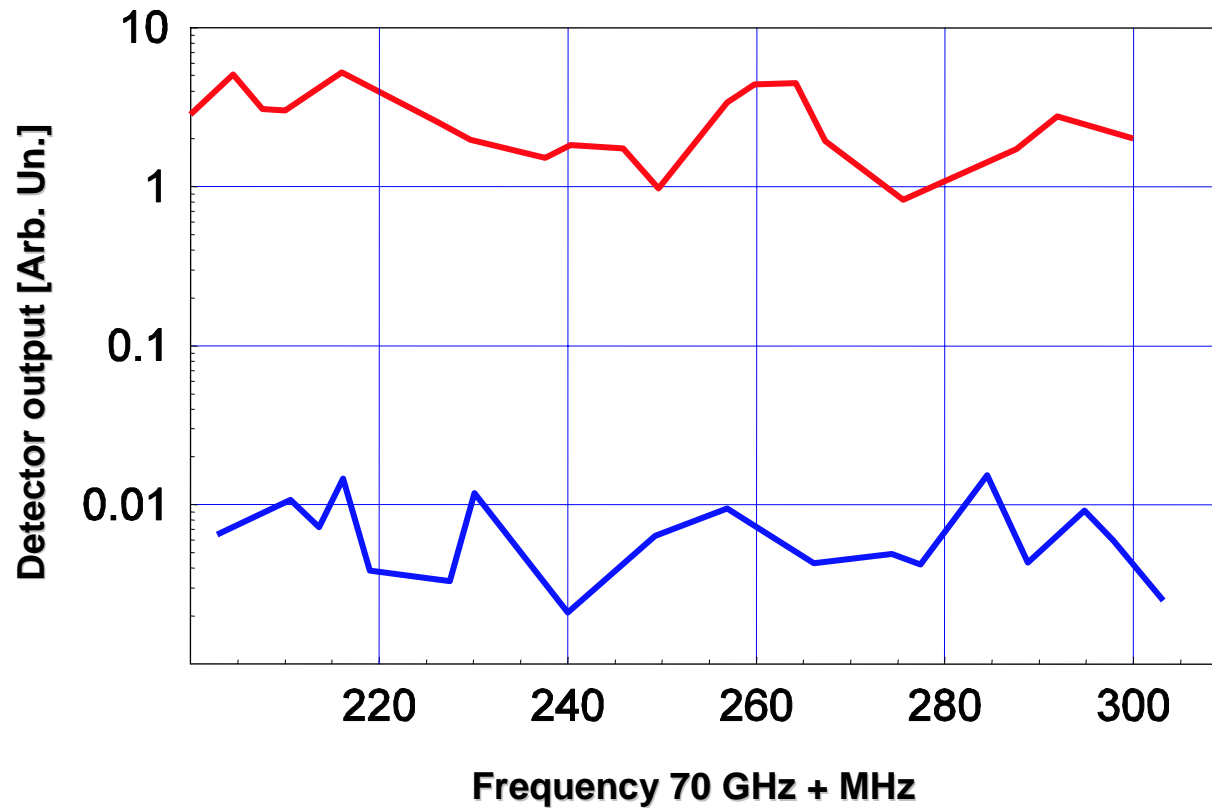
$$V_E = \frac{3 \cdot 10^{10}}{2\pi} \sqrt{\left(\frac{p\pi}{l}\right)^2 + \left(\frac{\eta_{mn}}{R_0}\right)^2} \quad V_M = \frac{3 \cdot 10^{10}}{2\pi} \sqrt{\left(\frac{p\pi}{l}\right)^2 + \left(\frac{\mu_{mn}}{R_0}\right)^2}$$



Stopper Attenuation measurements



Stopper performances



Thank you