TESTING AMPLITADES IN CODE

OUT CUIL

POYNTING VE CTOR

$$S_{z} = \frac{1}{2} \operatorname{Re} \left( - \operatorname{Ey} H_{x}^{*} \right)$$

FOR DIELE CTRIUS | LOSSLESS HATEMAL

ST UMIL)

IKX E = iw #8 H =>

$$S: S_{z} = \frac{1}{2wy_{0}} \operatorname{le} \left(-|E_{y}|^{2} \kappa_{z}\right)$$

$$R = \frac{S_{2,\Gamma}}{S_{2,\Gamma}} = \frac{|\Gamma|_{\mathcal{E}}}{K_{2,\Gamma}} = \frac{|\Gamma|_{\mathcal{E}}}{K_{2,\Gamma}}$$

$$T = \frac{S_{2,1}}{S_{2,1}} = |t|^2 \frac{K_{22}}{K_{21}}$$