M. Hasyim Abdollah P. 4049495 TT-43-11

 $V = \frac{1}{\sqrt{\mu_3 26}}$ $P = \frac{1}{2} \frac{E_5^{\frac{1}{2}}}{377} = \frac{1}{2} \frac{377}{397} = 100, 5$

 $V_{2} = \frac{1}{2} \frac{1}{\sqrt{\mu_{0} \, \epsilon_{0}}} \rightarrow \epsilon = 4 \, \epsilon_{0}$ $\omega = 12,76 \times 40^{9} = 2 \, \pi \, \epsilon_{0}$ $f = \frac{12, \pi \, \kappa \, \omega^{9}}{23.19} = 2 \, \epsilon_{0} \, H_{2}$

 $|\eta| = 377 \sqrt{\frac{M_c}{\epsilon_r}} = 377 \sqrt{\frac{1}{4}} = \frac{377}{2} \cdot 180, 5 \Omega$

 $\gamma = \tilde{0} \omega / 1 = \tilde{0}.2\pi. \omega^{5} / 2. \mu_{0}. \rho. e_{0} = \tilde{0} 2\pi. \omega^{5} / 1.78 \times 10^{-16}$ $= \tilde{0} \rho_{3}, \rho$

 $E = F_0 e^{-x}$ $\frac{1}{2}F_0 = F_0 e^{-x}$

P = 20, 12 rad/m 1/6 - Eo - 16. 377

 $f = \frac{V}{2} = \frac{3 \times 10^{9}}{5} = 1,2 \, 6 \, H_{2}$ $T = \frac{1}{5} = \frac{1}{626 \, H_{2}} = 12.5 \, \text{M}_{2}$ $F_{0} = 0.25 \, . \, 377$ $F_{0} = 0.25 \, . \, 377$