M. Hasym Abdillah P. 1101191095

$$\begin{aligned}
& \vec{E} \times \vec{H} = \vec{P} \\
& \vec{E} \times \vec{H} = \vec{P} \\
& \vec{A}_{x} \times \vec{A}_{z} = \vec{A}_{x} \\
& \vec{A}_{y} \times \vec{A}_{z} = \vec{A}_{x}
\end{aligned}$$

$$\begin{aligned}
& \vec{E} \times \vec{H} = \vec{P} \\
& -\vec{A}_{y} \times \vec{A}_{z} = \vec{A}_{y} \\
& \vec{A}_{y} \times \vec{A}_{z} = \vec{A}_{x}
\end{aligned}$$

$$\vec{A}_{y} \times \vec{A}_{z} = \vec{A}_{x}$$

$$\vec{A}_{y} \times \vec{A}_{z} = \vec{A}_{x}$$

$$\beta = \frac{2\pi5}{c} \sqrt{M_r \, \xi_r} = \frac{2.3.19.5 \times 10^{9}}{3 \times 10^{9}} \sqrt{1.2,63} = 166,67$$

$$\eta = 377 \sqrt{\frac{M_r}{2r}} = 377 \sqrt{\frac{1}{2,53}} = 237 \Omega$$

$$\frac{1}{2} = \sqrt{\frac{1}{2r}} - \frac{1}{2r} = \frac{1}{\sqrt{\frac{1}{2r}}} = \frac{1}{\sqrt{\frac$$

$$\eta_{1} = 377$$
 $\eta_{1} = 577\sqrt{\frac{1}{9}} = 100, 5$

$$T = \frac{(P0, 6-37)}{(00, 6+37)} = \frac{1}{3}$$

$$\eta_{1} = 377 \sqrt{\frac{1}{9}} = 125,67$$

$$\eta_2 = 377\sqrt{\frac{1}{9}} = 180,5$$

$$T = \frac{100, 5 - 125,67}{000, 5 + 125,67} = 0.2 \qquad T = 1 + 0.3$$