

## DAFTAR NOTASI

$\epsilon_r$  = Konstanta dielektrik relative

$h$  = Ketebalan substrat (mm)

$f_r$  = Frekuensi resonansi (GHz)

$c$  = Kecepatan cahaya ( $3 \times 10^8$  m/det)

$a$  = Panjang sisi segitiga sama sisi (mm)

$\mu_{eff}$  = Effektiv permitivity bahan dielektrikum

$m, n$  = Notasi mode

$\rho$  = Koefisien korelasi

$\Gamma$  = Koefisien refleksi

$z_1$  = Impedansi beban (load)

$z_2$  = Impedansi saluran lossless.

$f_1$  = Frekuensi terendah (Hz)

$f_2$  = Frekuensi tertinggi (Hz)

$f_c$  = Frekuensi tengah (Hz)

$BW$  = *Bandwidth* (Hz)

$(G_{ot}) dB$  = Gain antenna transmitter (dB)

$(G_{or}) dB$  = Gain antenna receiver (dB)

$P_r$  = *Received power* (W)

$P_t$  = *Transmitted power* (W)

$R$  = Diagonal antenna (m)

$\lambda$  = Panjang gelombang (m)

$\tan \delta$  = Dielektrik Loss Tangent

$\mu_r$  = Konstanta Permeabilitas Relatif

$W_0$  = Lebar saluran pencatu (mm)

$Z_0$  = Impedansi karakteristik

$B$  = Impedansi pada saluran

$\pi$  = Phi

$S$  = Scattering Parameters (S-Parameters)