3) 
$$h = \frac{C}{F} + \frac{1}{F} \frac{108 \text{ m/s}}{88 \times 10^6 \text{ Hz}} = \frac{3,108 \text{ m/s}}{88 \times 10^6 \text{ Hz}} = \frac{3,109 \text{ m}}{3,909 \text{ m}}$$
 $\frac{1}{108 \times 10^6 \text{ Hz}} = \frac{2,318 \text{ m}}{108 \times 10^6 \text{ Hz}} = \frac{2,318 \text{ m}}{3,9 \text{ m}}$ 
 $\frac{1}{108 \times 10^6 \text{ Hz}} = \frac{1}{108 \times 10^6 \text{ m/s}} = \frac{1}{108 \times 10^6 \text$ 

1)  $V_{me0:0} = \frac{1}{T} \cdot \int_{F(T).0T}^{2} F(T) = \frac{50 \,\text{My}}{2 \,\text{SEG}} T$ 

 $\int_{0}^{\infty} F(T) = \left[ \frac{2^{2}}{2^{2}} - \frac{3}{2} \right] \cdot \frac{50m^{3}}{2}$ 

Vneoio= 25MV 252 = 25MV

8) 
$$frp = 100 pps \rightarrow T = 0,07 566$$
 $Vm = 2.000 BAVOJOS \rightarrow T = 0,5 x70^3 566$ 
 $A = 1 V$ 
 $D = T = 0.01 = 20 ARMOHICAS$ 

 $\frac{AO}{7} = \frac{1 \times 0,000S}{0,01} = 0,0S$ 

BUCHO BANDA DF = 50.60 = 20×100Hz = 5000 Hz

A = 1

9) 
$$fRP = 300$$
  $T = \frac{1}{300} = 0,0033$ 

$$V_{M} = 2000 B = \frac{1}{1200} = 0,00083$$

$$A = 14$$

$$\Omega = \frac{T}{0} = \frac{0,0033}{0,00083} = 3,96 \cong 4 \text{ Anmon; cas}$$

$$A_{MAN} = \frac{7 \times 0,00083}{0,0033} = 0,25$$

$$\frac{4800}{1200} = L06_2 \Omega \qquad \Omega = 16$$

$$T RANSNISSON MULTIN SUEC$$

$$R = \frac{8}{1+1+z+8} \times 100 = 66,6\%$$

$$TTT = 1029 \text{ BYTYS} \times 8 \times \frac{1}{2400} = 3,41 \text{ SE60M003}$$

$$777 = 1024 \times 12 \times \frac{1}{2400} = 8,72$$
 536

$$\frac{3,41}{5,12} = 0,66$$
 ° 10 mas len 10  
9) 1000, 0000 0000 0000

$$70101 = 18 \text{ Gi75}$$

$$7 = \frac{1}{2900} = 106 \text{ Mm}$$

No MULT: Tiempo = 18 x0, 476 x10 = 7,5 more CPN MULT; = 7,5 msz6 /4 = 1,87 msz6