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#1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FM song signal , W:5 KHZ
                                                                                                                                                                                                                                                                                                                  No : 2 × 10 42
           NBFM & fs. 125 #2 fc. 50
                                                                                                                                                                                                                                                                                                                     Sx: 1/3 4 (5) 0 = 107
         S_{R,max} = \frac{S_{T,max}}{S_{Z}} = \frac{S_{T,max}}{S_{Z}} = \frac{S_{T,max}}{S_{Z}} = \frac{S_{T,max}}{S_{Z}} = \frac{S_{T,max}}{S_{Z}} = \frac{S_{Z}}{S_{Z}} = \frac{S_{Z}}{S_{Z}
                                                                                                                                                                                                                                                            ch3: Sa, man = 400 => 73 = Saz, man = 400 = 4x108
    in the contraction of the chirch: 10^7 = 30^2 \times \frac{1}{3} \times 2 \times 10^9 = \times D = \frac{\sqrt{2}}{20} = 0.07

which is (\frac{8}{N})_0 = 30^2 S_{20} \times 10^7 = 30^2 \times \frac{1}{3} \times 4 \times 10^8 = \times D = \frac{\sqrt{2}}{20} = 0.15

(\frac{8}{N})_0 = \frac{10^7}{20} =
     Ording: Schinchz: Sa, max > NoW x 20 (D+1) => 2000 > 2x10 x 5x10 x 20 (0.07+1) / Ch3: Sa, max > NoW x 20 (D+1) => 400 > 2x10 x 5x10 x 20 (0.15+1)
                 s chi, ch2: for D. W = 0.07 × 5000 = 350 HZ -> n= \frac{f_{\Delta}}{f_{\Delta}} = \frac{350}{125} = 2.8 \tau 3
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ch3: fa= D.W = 0.15 + 5000 = 750 -> n= fa = 750 = 6

$$\begin{cases} ch_{1}, ch_{2}: 2^{m} > 3 = \forall m=2 = > 2^{2}: 4 - \begin{cases} f_{0}: 500 & HZ \\ f_{0}: 200 & KHZ \end{cases} \end{cases}$$

$$\begin{cases} ch_{1}, ch_{2}: 2^{m} > 3 = \forall m=2 = > 2^{2}: 4 - \begin{cases} f_{0}: 200 & KHZ \\ f_{0}: 200 & KHZ \end{cases} \end{cases}$$

$$\begin{cases} ch_{1}: ch_{2}: 2^{m} > 6 = \forall m=3 = > 2^{2}: 8 - > \begin{cases} f_{0}: 400 & KHZ \\ f_{0}: 400 & KHZ \end{cases} \end{cases}$$

حداق مركاس حامل در كانال د و و الفاق مى النساب ما دراينجا كانال را المال در المنال د المال در الفال در

