

Sheet5 ISI

(Q17 Rb = 56 KBBs, PAN W94 Valsed Costre Cet BW for a = 0.25, 0.5, 0.75, 1 Bw= 28(1+a) 0.25 35 kHz (Bw=(1+a) 2) 56 k1 7 49 kHz Q:2] BW)mox=75 KHZ, Tb=10 x10 5 $Bu > (1+\alpha) \frac{Rb}{2} \left((1+\alpha) \times 1.5 \text{ as } \left(\times 0.5 \right) \right)$ & WewIll USe a Raised-Gsine spectrum with Yoll-off factor 0 < 0 < 0.5 (2:3) $f_1 = 0.8 \times 10^6 \rightarrow f_1 = (1-1) \omega$ $f_2 = 1.2 \times 10^6 \rightarrow f_2 = (1+1) \omega$ (1) $f_3 = 0.8 \times 10^6 \rightarrow f_4 = (1+1) \omega$ $f_1+f_2=2\omega=2*16$ $f_2=(1+x)\omega$ x=0.2 x=0.2 x=0.2 x=0.2ω= Rb)nox = 2ω)mox = 2 × 1×6° = 2μHz Q141 Rb=10°, BW)charmel=700 x10° H7
BW)chard > C1+01 Rb/2 =>[0<0.4]

0.5 < 62 < 0.7 MHz , 0.3 < F1 < 0.5 NHz