```
42.58 MH2/T
                                              margaily someway That at th
(0.0) TBW = Tss x BW 2kH= BW = 8. Gg. 02

Q= BW 10.003 m
                      42.58 MHz . 0.003 m
                 Gss = 0.0157 Tm = 15.7 mT
                  Tss = 0.0157 7/m = 0.0872 ms.
                 Total Tss = Tss + 2. Trise = 1 ms + 2. 0.0872 ms
                                  Total 75, = 1.1744 ms
                  42.18 mHz
     b). Kymax = 8. G. TPE Kymax = 20y = 416.67/m
         T_{PE} = \frac{1.2 \text{ mm}}{\text{Kymax}} = \frac{416.67 \text{ m}}{42.58 \text{ mHz}} = 0.025 \text{ T} = 0.3914 \text{ ms}
          Trise = (25 mT/m. 1000 mT) . = 0.1389 ms
                     180 T/ms
          Total T = 0.3914 + 2.0.1389 = 0.6692 ms
   C) BWPX · N = X · G · FOV
               G = FBWpx · N = 750H2/px · 256

Y · FOV 42.58 mH2 . (1.2×256) mm
          = (42.58 MHZ) (14.7 m]) TRE
         20x - (42.58 MHZ) (47 mT) = 416.67 to = 0.666 ins
         Trise = 14.7 = 3.0817 ms
         Total Ts; = 0.666 + 2. 0.0817 = 0.829 ms
```

