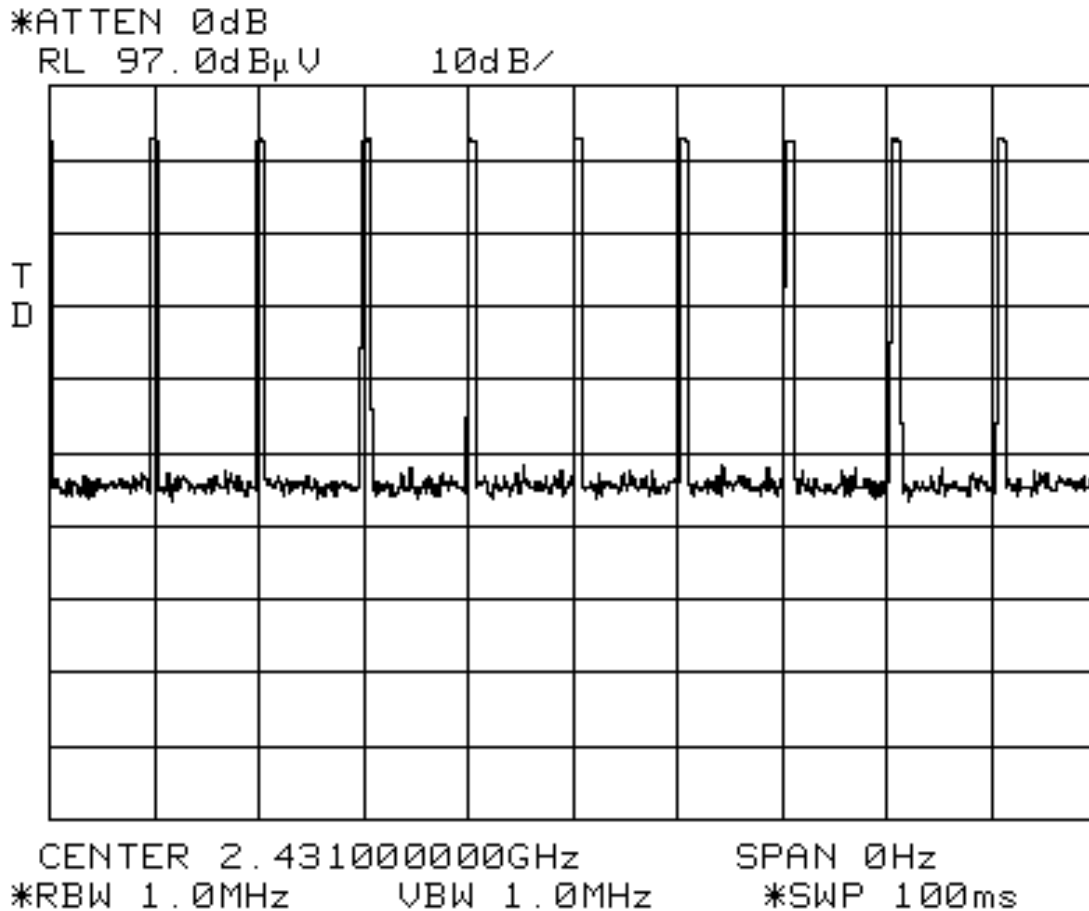


There are 10 rf pulses in 100 msec.



Duty Cycle correction = $10 \log (T_{on}/100 \text{ msec.})$

$T_{on} = 10 \text{ pulses} \times 733 \text{ usec.}$

$T_{on} = 7330 \text{ usec.}$

$T_{on} = 7.33 \text{ msec.}$

$10 \log (7.33/100) = -11.3 \text{ dB}$

Peak power(measured) = +17.1 dBm

Source-based average power = +17.1 dBm - 11.30 dB

Source-based average power = +5.8 dBm

Source-based average power = **+3.8 mW**

Antenna gain is 2 dBi so the source-based average eirp is 6 mW