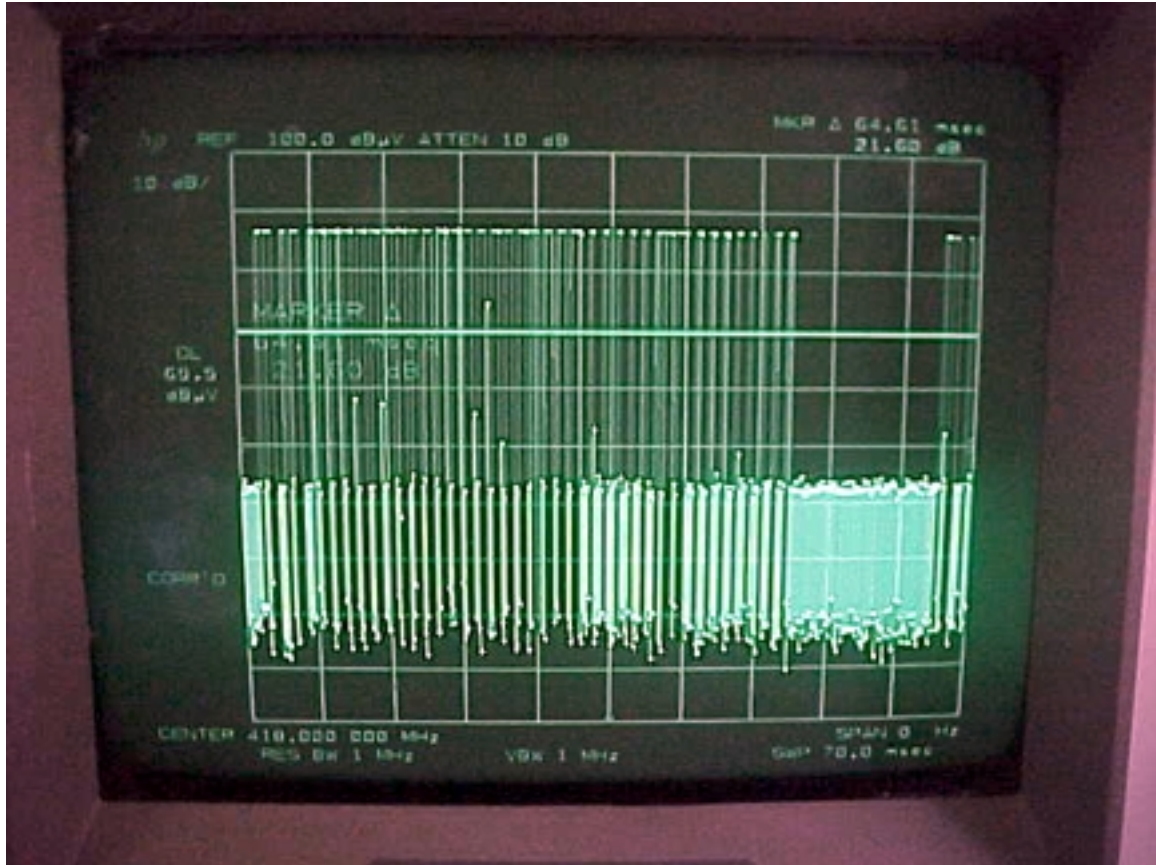
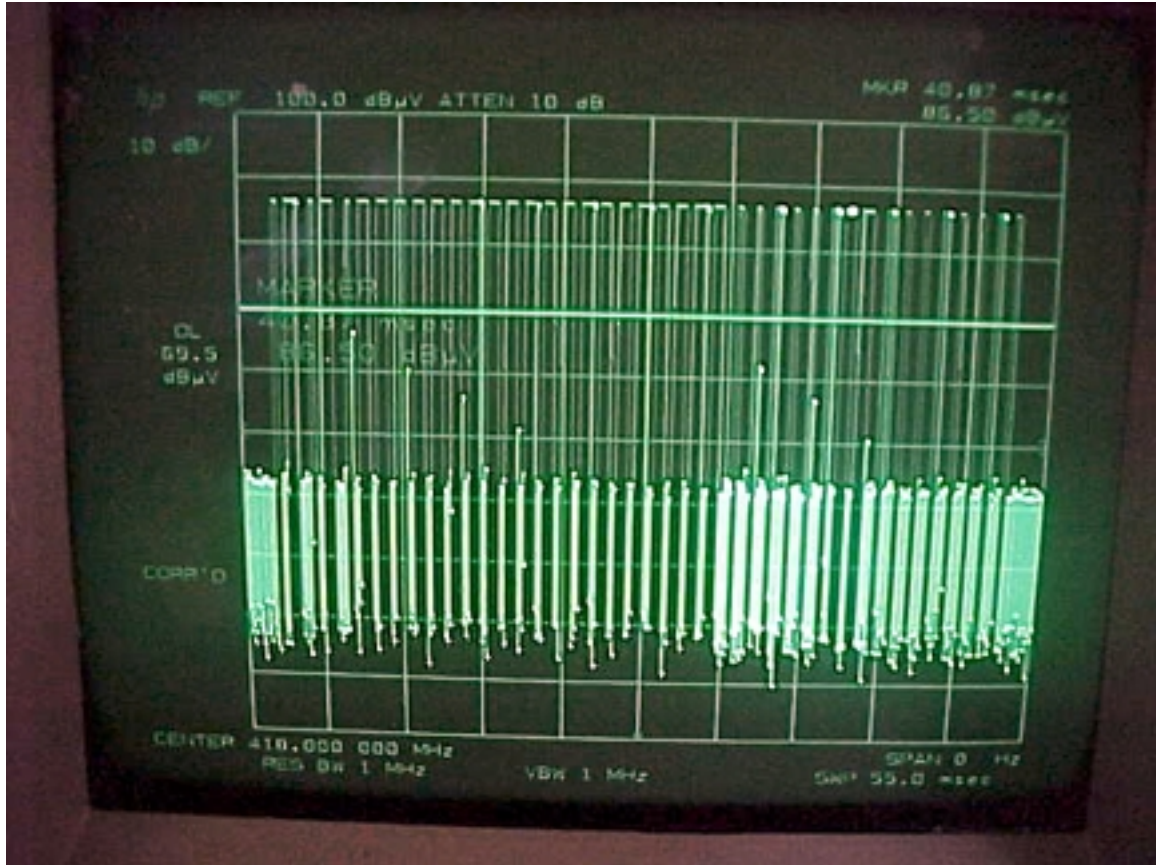


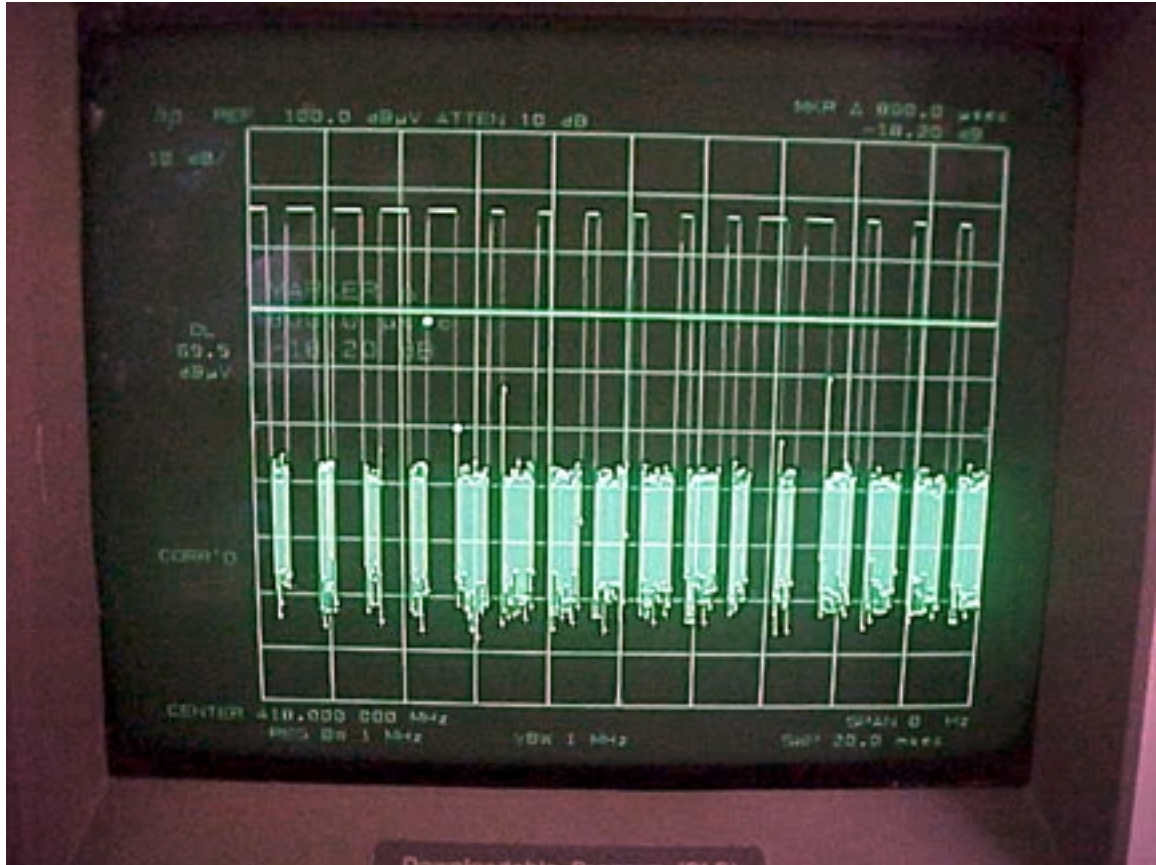
The pulse trains in a 200 mS period



The Pulse Train is 64.61 mS long

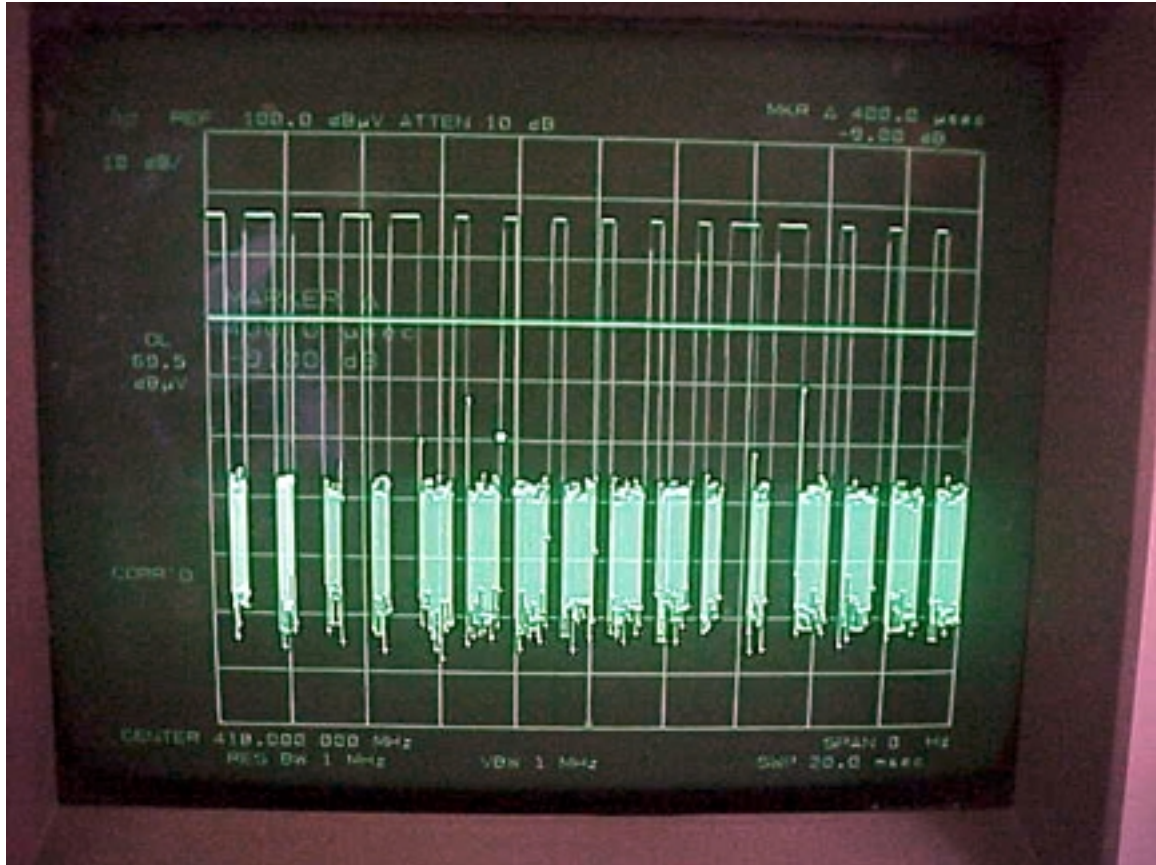


There are a total of 41 pulses, 17 short pulses and 24 long pulses



The long pulse is 800 uS long





The short pulse is 400 uS long

$$400 \text{ uS} * 17 = 6.8 \text{ mS}$$

$$800 \text{ uS} * 24 = 19.2 \text{ mS}$$

$$\text{Total on-time} = 26 \text{ mS}$$

$$26 \text{ mS} / 64.61 \text{ mS} = .402 = 40.2 \% \text{ Duty Cycle}$$