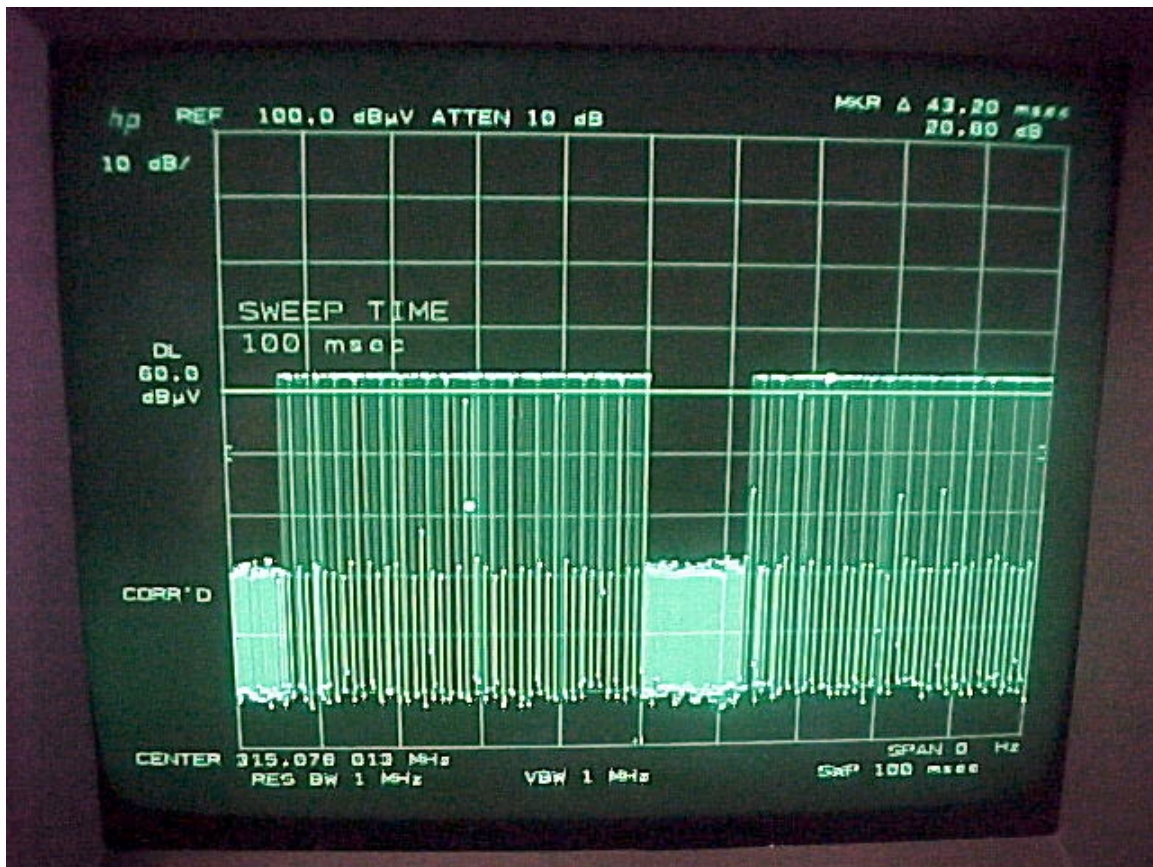
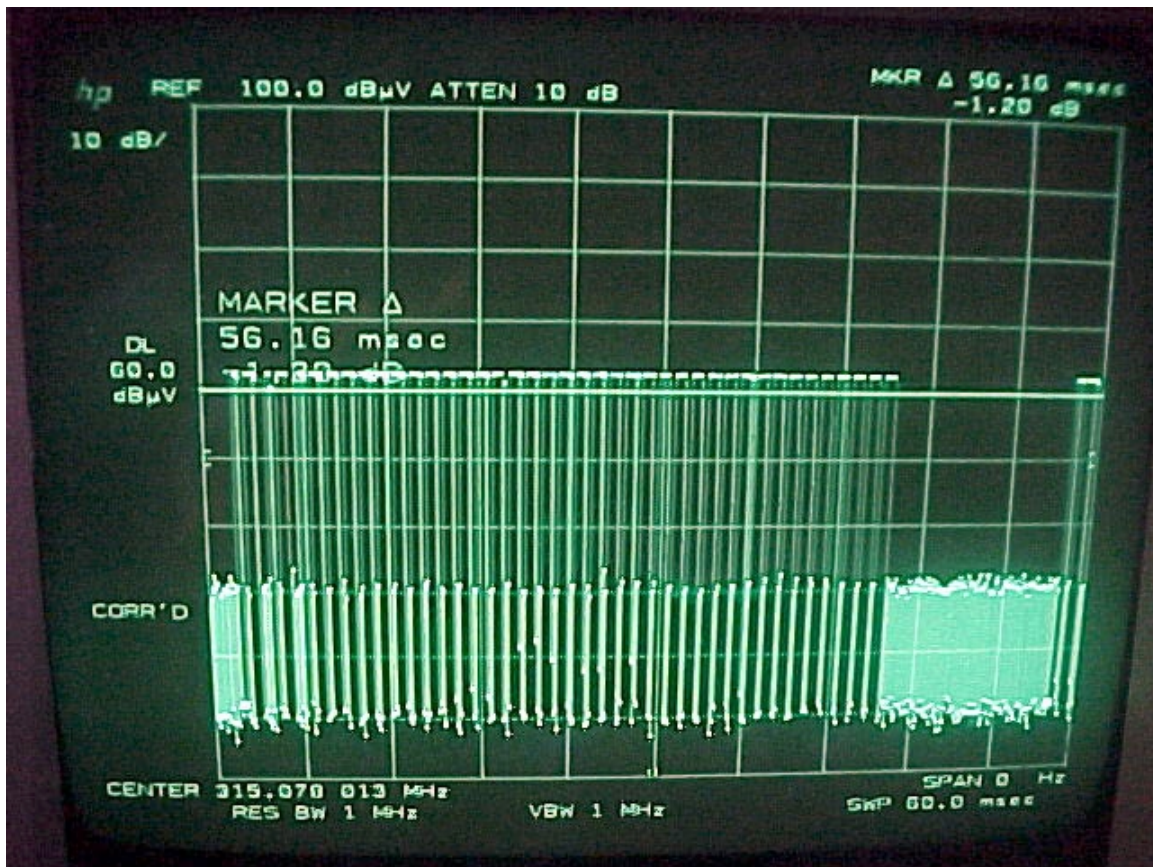
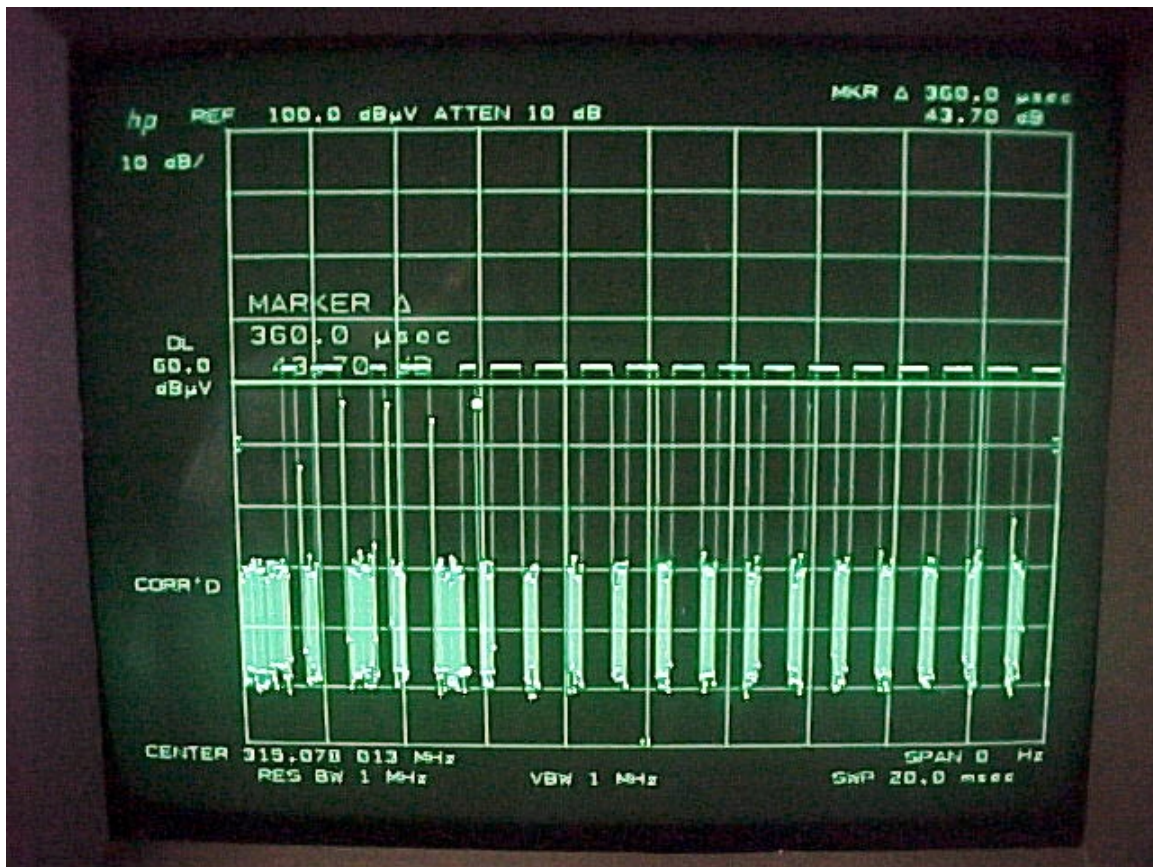




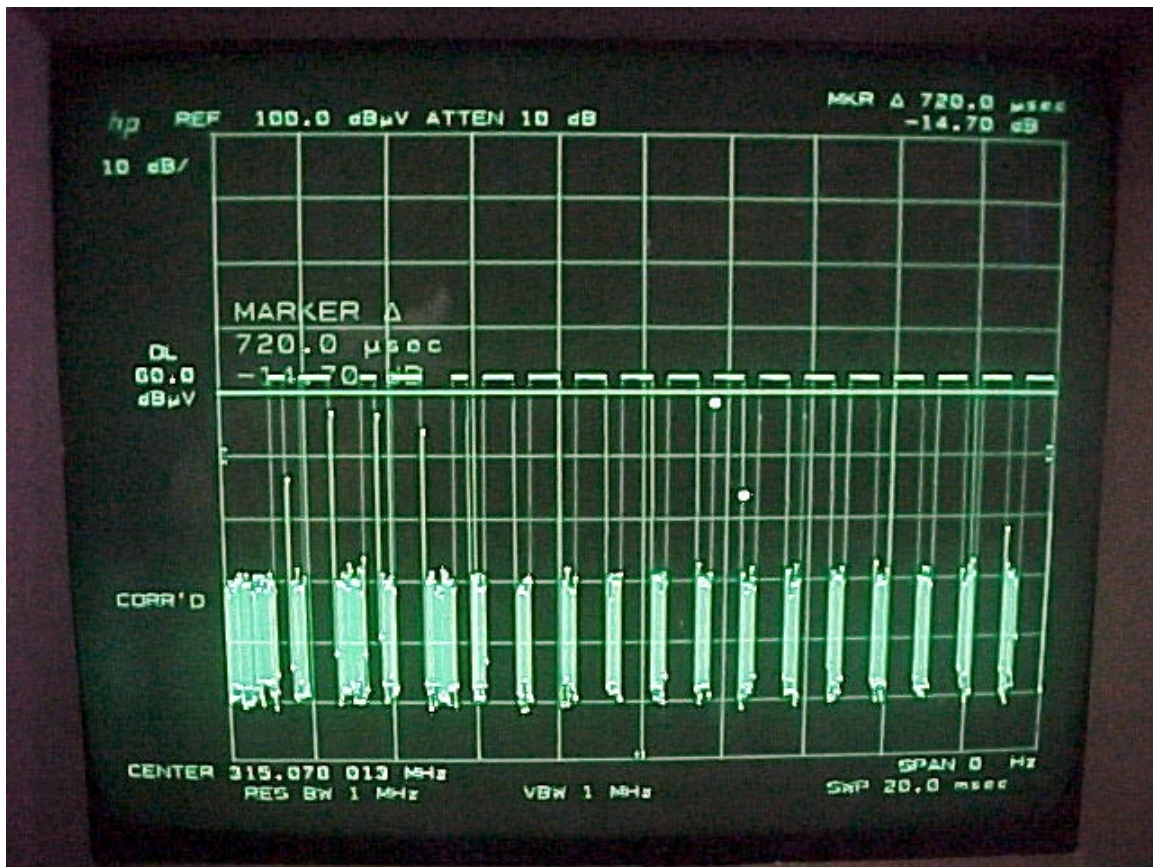
100 mS period



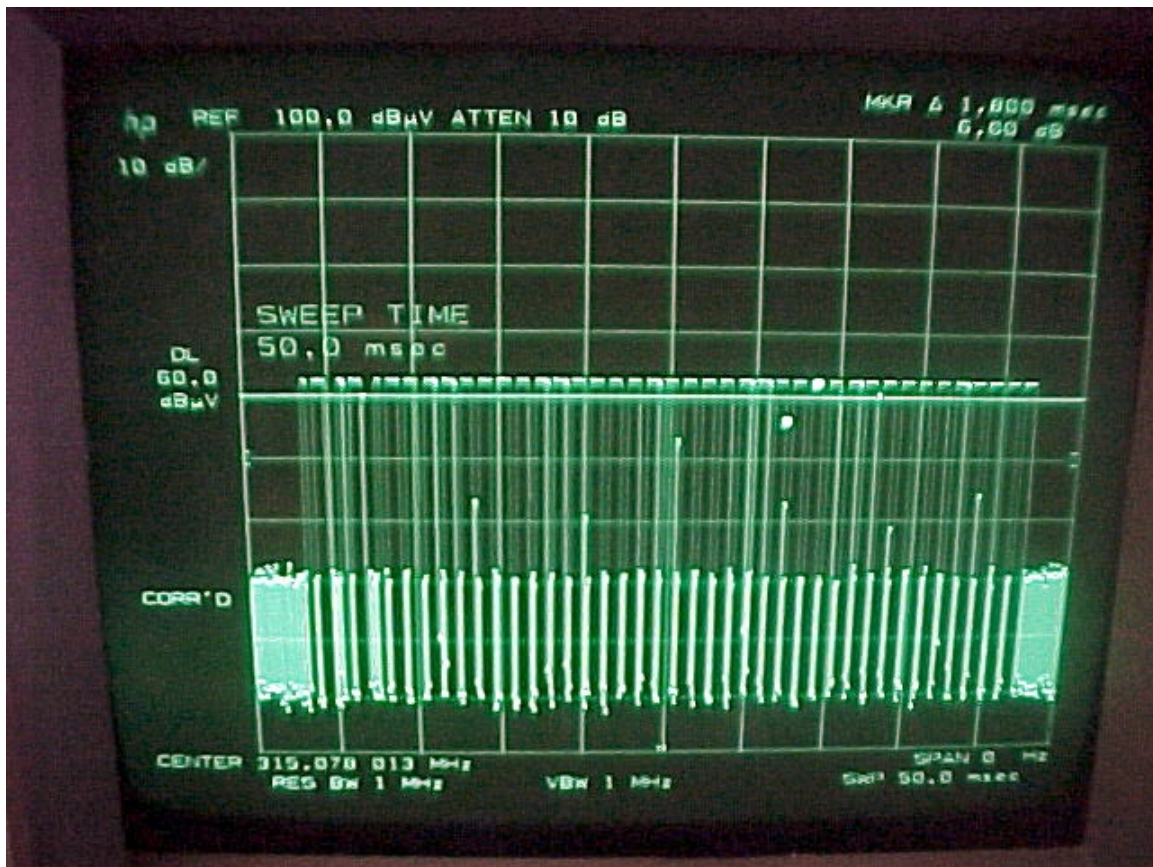
Total pulse train is 56.16 mS long, there are only two size pulses



The short pulse is 360 uS long



The long pulse is 720 uS long



There 3 short pulses and 38 long pulses

$$3 * 360 \text{ uS} = 1.08 \text{ mS}$$

$$38 * 720 \text{ uS} = 27.36 \text{ mS}$$

$$\text{Total time} = 28.44 \text{ mS}$$

$$\text{Duty Cycle} = 28.44 \text{ mS} / 56.16 \text{ mS} = 50.64\%$$