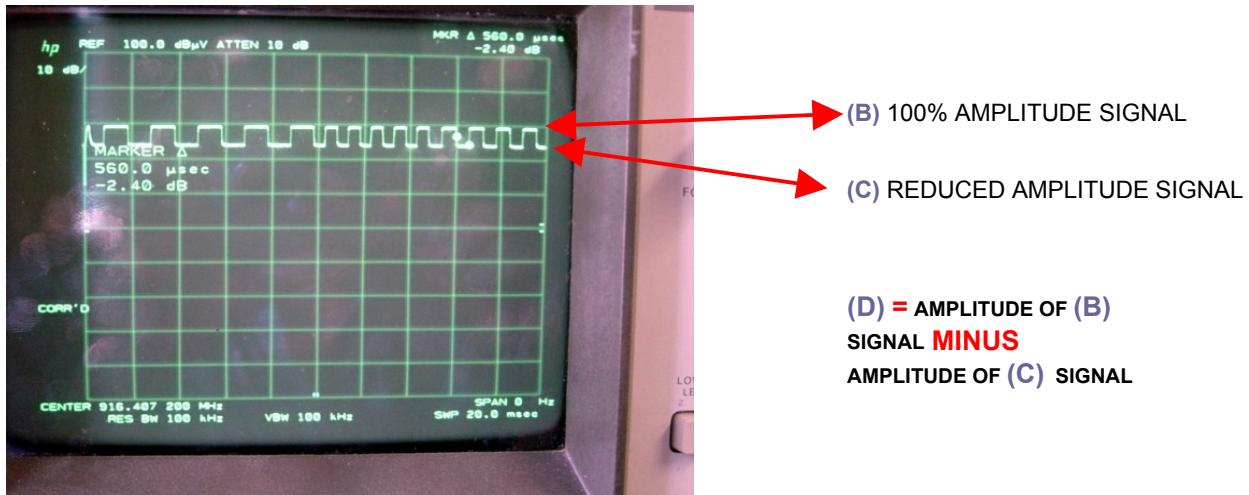


CALCULATION OF DUTY CYCLE FOR TRANSMITTERS UTILIZING PULSED FSK MODULATION



| - A - | - B - | - C - | - D - |
|--|------------------------------|---------------------------------|--|
| PULSE TRAIN (if < 100ms; if >100ms use 100 | TOTAL TIME AT 100% AMPLITUDE | TOTAL TIME AT REDUCED AMPLITUDE | AMPLITUDE DIFFERENCE BETWEEN THE TWO SIGNALS |
| 14.78 (ms) | 11.22244446 (ms) | 3.557555541 (ms) | 8.1 (dB) |

| AMPLITUDE PERCENTAGE OF F1 VS F2 | EFFECTIVE TOTAL ON-TIME OF SIGNAL AFTER ACCOUNTING FOR AMPLITUDE DIFFERENCE | DUTY CYCLE | PEAK TO AVERAGE RATIO |
|----------------------------------|---|------------|-----------------------|
| 0.393550075 | 12.62252071 | 85.40% | -1.37 |
| % | (ms) | (%) | (dB) |