

## Exhibit One

To accompany FCC Form 319 for WKUF-LP

Calculation of the transmitter power output (TPO) to produce 100 watts of effective radiated power (ERP).

Dielectric DCR-L2 antenna with its center of radiation 40 meters above ground:

0 db power gain in each polarization      factor of 1.0

134 feet of Dielectric FLE-10 coax at 0.64 db per 100 feet at 94.3 MHz:

0.8576 db of loss

82 feet of Davis Bury-Flex coax at 1.2 db per 100 feet at 94.3 MHz:

0.984 db of loss

Total attenuation of 1.8416 db, which is a factor of 1.528

Hence, a TPO of 153 watts will produce 100 watts ERP.

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