

Transmitter Power Calculation

Calculated Antenna Array Gain +3.7 dB

Power Divider and Harness Loss -0.35 dB

Transmission Line Loss -0.51 dB

Transmit Combiner Insertion Loss -0.60 dB

Overall system gain +2.24 dB

A transmitter output power of .029 watts will produce the authorized effective radiated power of .035 watts vertical.