

Corrected ERP Measurements

Frequency (MHz)	Peak E-Field @ 3m (dB μ V/m)	Antenna Polarization (V/H)	Peak Power from Signal GEN. Ps (dBm)	EUT Antenna G (dBi)	Substitution Antenna Gain Gd (dBi)	Measured Peak ERP = Ps+Gd-2.15 (dBm)	Measured Peak EIRP = ERP+2.15 (dBm)
896	130.1	V	30.0	0	1.5	29.4	31.5
896	130.6	H	30.5	0	1.5	29.9	32.0
901	129.6	V	29.0	0	1.9	28.8	30.9
901	130.5	H	31.2	0	1.9	31.0	33.1

The setup of the original submitted ERP was not properly done, the attenuators were needed at the input and output ports of the amplifier to match the impedances. Above are the new results obtained with proper impedance matching.