

1. ERP values are calculated using the substitution method in accordance with TIA 603. The phone was set to transmit maximum power and the maximum measured level was recorded. A signal generator was then used to drive a substitute transmit antenna until the equivalent level was measured. The power into the transmit antenna was then measured.
2. The necessary bandwidth stated in the type designator is 40kHz. However, limitations on the spectrum analyzer used for the bandedge measurement prevent us from using 400Hz. The spectrum analyzer used for this measurement has RBW settings of 300Hz then 1kHz. Without an option of 400Hz the next higher setting of 1kHz would make it difficult to capture meaningful data. So, a lower RBW setting of 300Hz was used.