

QUESTION #1

Radiated spurious emissions were measured using a peak detector to identify harmonic emission compliance. We have converted the -13dBm limit to a field strength limit at 3m. Our understanding was that if initial measured field strength levels of spurious emissions are more than 20dB under the limit substitution method was not necessary. A revised copy of report WR575.002 is provided which contains tabular data for the harmonics.

QUESTION #2

The EDRP measurements were performed using an incorrect RBW of 1MHz. The use of the 1MHz filter resulted in an EDRP lower than expected. We have re-measured the device using a RBW of 3MHz. The re-measured EDRP values are included as an addition to section 7 of report WR646.001.

QUESTION #3

EDRP values were calculated using the substitution method in accordance with TIA 603. The phone was set to transmit max power and the maximum power level recorded. A signal generator as then used to drive a substitute Tx antenna until equivalent power was measured. The power into the substitute Tx antenna was then measured.

