

March 29, 2005

Question #1

A separate FCC/IC label exhibit has been provided.

Question #2

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

Question #3

The value of the harmonic emissions are recorded after peaking the signal by rotating the turntable and raising/lowering the antenna. The value recorded is then used to drive a substitute Tx antenna until the equivalent power is measured. For harmonics above 1GHz a gain antenna is used and gain + 2.1dB is subtracted from the value to correct for a half wave dipole. The corrected power into the substitute antenna is then recorded into the table. The recorded value is compared to the ERP value to provide dBc.

Question #4

The IC report incorrectly referenced RSS-132 but should have correctly referenced RSS-129. FCC/IC Cross Reference sheet will be uploaded.

Question #5

Our understanding was that according to FCC Report and Order 02-229 the FCC has removed all rules governing frequency response, modulation limiting and deviation information.