

EXHIBIT 5: TEST SET UP PHOTOGRAPHS

The photographs in this exhibit show the test equipment configuration for each test performed.

Alcatel-Lucent's wireless UMTS **9341 RRH 60W 1900MHz** Base Station Transceiver System, is the subject of this application for authorization by the Federal Communications Commission under the new FCC ID: AS5ONEBTS-22. This 60W UMTS Base Station System (1900 MHz) is designed to operate in the North America Region (NAR) Broadband PCS Frequency Spectrum 1930 - 1990 MHz, with bandwidth of 60 MHz over the A, D, B, E, F and C Frequency Blocks. The **9341 RRH 60W 1900MHz** Base Station can be configured for both single carrier (1S1C) operation at 60 Watts (+47.78 dBm) and for two carrier (1S2C) operation at 30 Watts (+44.77 dBm) per carrier with a total composite power of 60 Watts.

The photographs displayed in this exhibit show the test methodology employed and the equipment under test (EUT) and test equipment configuration for each required test.

TEST: **Measurement of RF Power Output**
 Measurement of Modulation Characteristics
 Measurement of Occupied Bandwidth
 Measurement of Spurious Emissions at the Antenna Terminals

View: **UMTS 9341 RRH 60W 1900MHz Base Station system front view showing all instrumentation and control RMT computer.**



View: UMTS 9341 RRH 60W 1900MHz RF Remote Radio Head (RRH) Under Test - Front and Right Side View.



TEST: Measurement of Radiated Spurious Emissions

View: UMTS 9341 RRH 60W 1900MHz base station system front view, showing test configuration in the Whippany Semi-Anechoic Chamber.



TEST: Measurement of Radiated Spurious Emissions

View: UMTS 9341 RRH 60W 1900MHz base station system rear view, showing test configuration in the Whippany Semi-Anechoic Chamber.

