

Information about Issue 1:

full details of equipment settings for the EMC power measurement set up

According to FCC OET 65 (C), maximum output power shall be measured before and after each SAR test. The test setup and method are described as following.

Test setup:

The output power measurement test setup is demonstrated as figure 1.

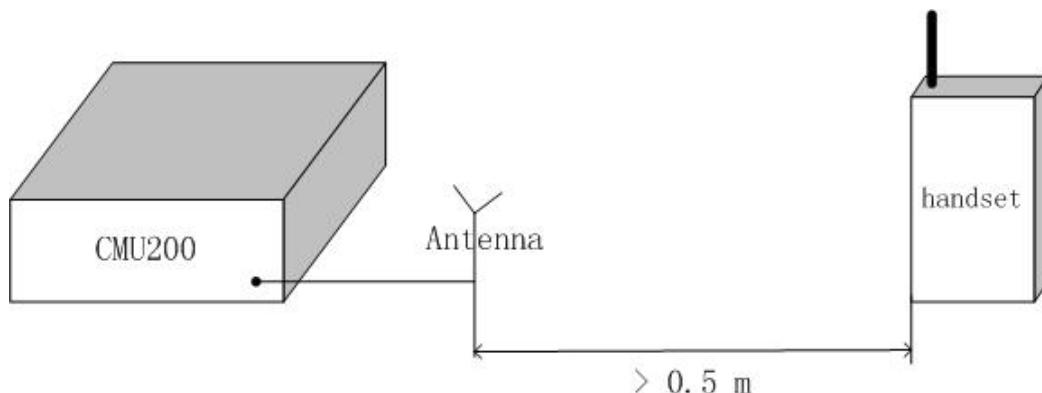


Figure 1 Demonstration of power measurement

The CMU200 is used as base station simulator. The base antenna is fixed on some spot near the handset and the distance between them is more than 0.5 meter. Considering that in the actual test, the handset has totally 3 positions relative to the phantom, at each position and each frequency band, the attenuations (including the space attenuation between the handset and antenna, the antenna and its cable's attenuation and so on) are measured before SAR test. Then the measured values will be compensated to each case, i.e., different values are compensated to the CMU200 settings on the base of position and frequency band. Then when performing SAR test, the output power can be monitored conveniently through the CMU200 power items. Generally, before and after each test, the power values are recorded.

Measurement bandwidth:

As for measurement bandwidth settings, considering CMU200's bandwidth settings are unchangeable, this is not taken into account.

Power levels:

The power control level settings are as following table.

mode	PCL setting	Permissible max. values
GSM/GPRS 850	5	33dBm
PCS/GPRS 1900	0	30dBm

CTT Test Report