

# Global Wireless Technology (GWT) Wireless-Device Grip-Guide (WDGG)

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#### **My First Smart Phone - HTC**

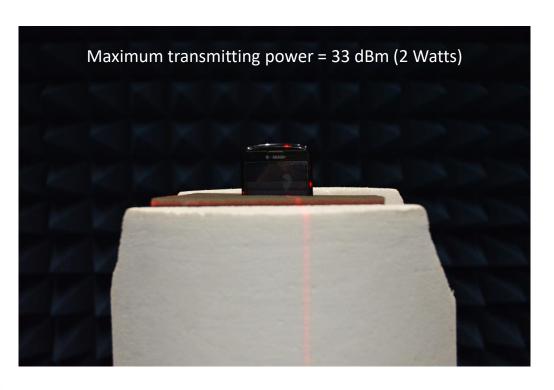


Antenna Efficiency of Mid Channel (836.60 MHz)
GSM 850 MHz - TRP Measurement



# Free-Space Configuration Antenna Efficiency = 78.35%





Cell Phone Antenna Location



## Hand-not-covered-Antenna Configuration Antenna Efficiency = 34.91%





# **Hand-covered-Antenna Configuration Antenna Efficiency = 3.16%**

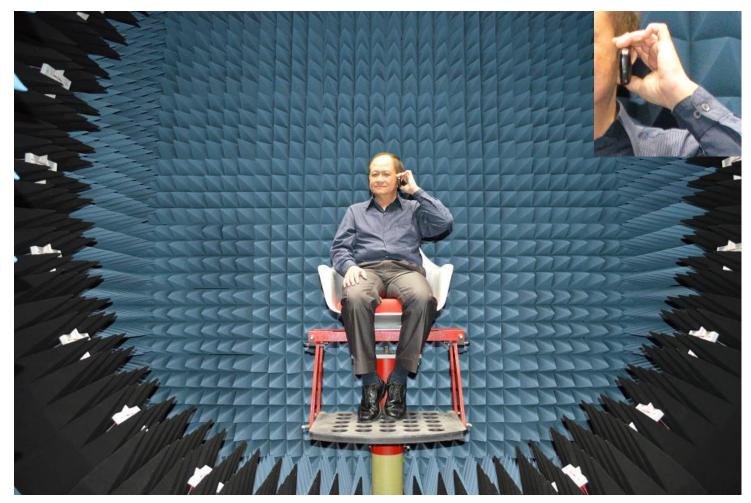




## Normal Way to Hold a Cell Phone Antenna Efficiency = 0.29%



## **GWT Way to Hold a Cell Phone Antenna Efficiency = 16.06%**





#### **GWT Wireless-Device Grip-Guide (WDGG) Concept**



GWT wireless-device grip-guide helps you hold your cell phone in the right way. By not holding the antennas, you can significantly improve system efficiency, save energy, prolong battery life and reduce radiation.



## **GWT WDGG Cell-phone Case: Design One**





#### **GWT WDGG Cell-phone Case: Design Two**





#### **GWT WDGG Cell-phone Housing Design: ePhone/sPhone**

