



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

Wi-Fi/Bluetooth Antenna
Location



Cell-phone Antenna
Location



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

