Radiation Pattern Test

Antennas tested for Gain and Efficiency must be assembled into the enclosure and tested in the fully assembled and operating SM-L505U Smart watch.The antenna is tested in free space in the anechoic chamber in the H, E1 and, E2 planes. The radiation patterns are measured at the center of transmit and receive bands.

A picture showing the geometry for this device is included in the test setup photos.

Figure 1: OTA Test chamber

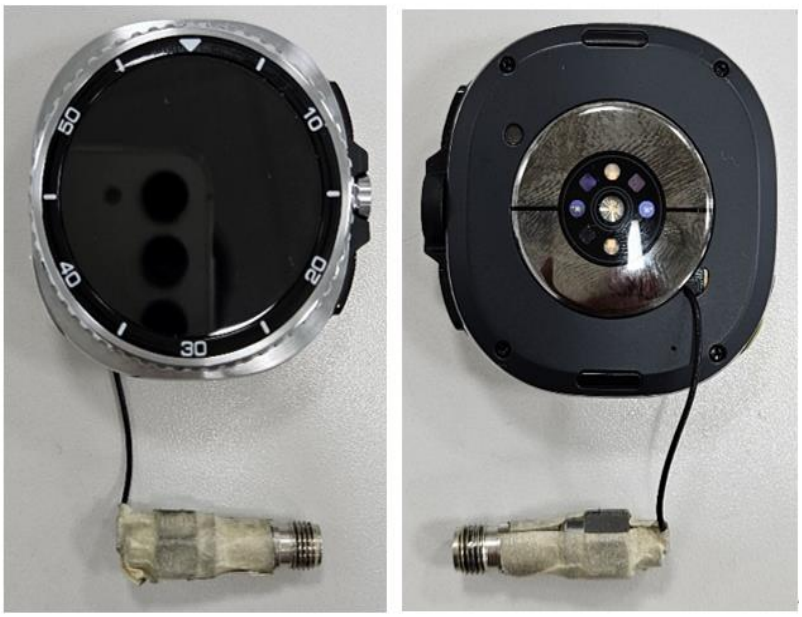


Figure 2: Test Set (SM-L505U)

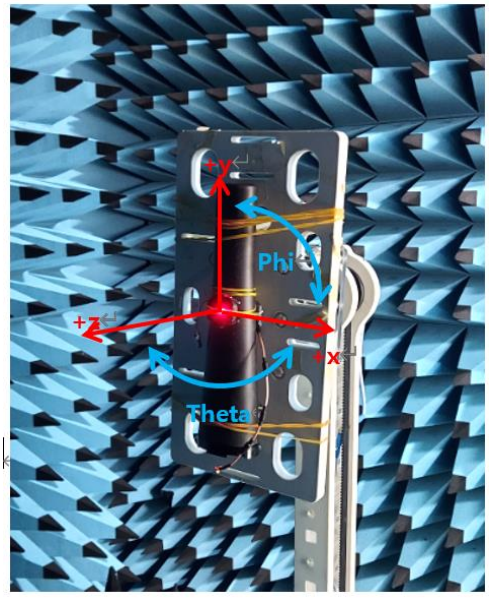
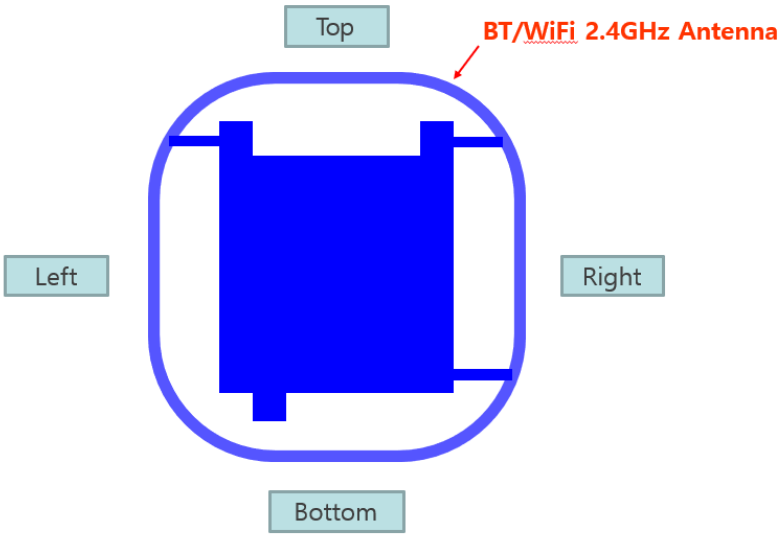


Figure 3: Radiation Patterns

Detail antenna description