



Unlicensed Band Antenna Gain Test Setup Photos

Model: SM-F731B

FCC ID: A3LSMF731B

Radiation Pattern Test

Antennas tested for Gain and Efficiency must be assembled into the enclosure and tested in the fully assembled and operating **SM-F731B** handset. 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.

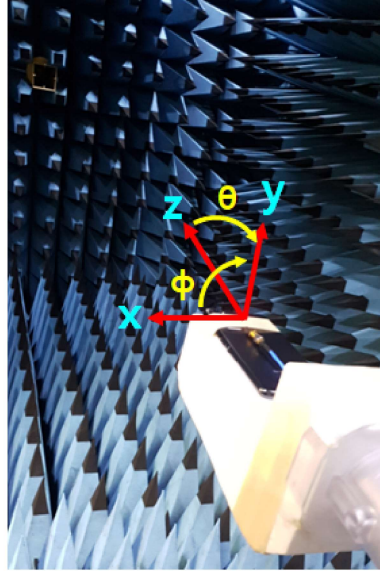


Figure 1: Geometry for **SM-F731B** for Radiation patterns.

Chamber Information

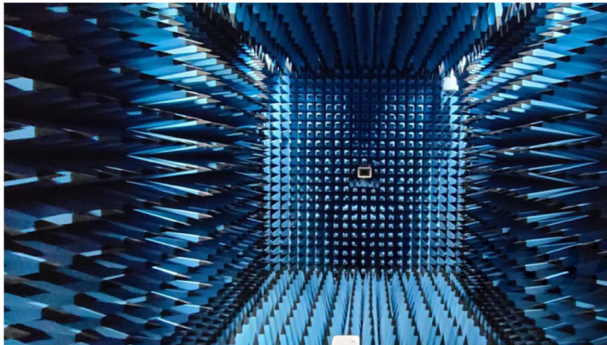


Figure 2: Geometry of Anechoic Chamber for Radiation patterns.