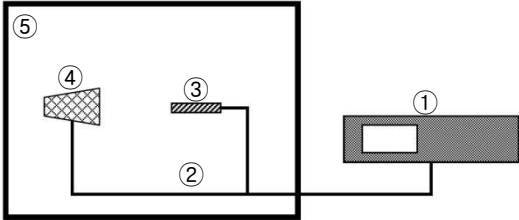
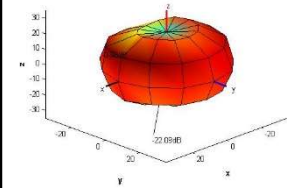
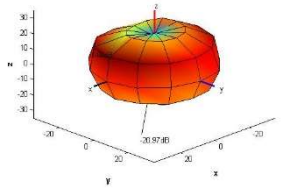
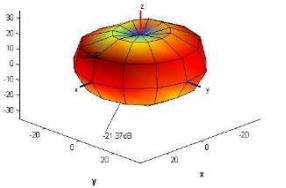


7.4. Antenna Performance

7.4.1 Antenna

The TWZT-S001D-P supports IEEE802.15.4.

Radiation Pattern and Gain

TEST METHOD			
 ① Network Analyzer ② Signal Interface : Coaxial Cable ③ Test Antenna ④ Dual Polarized Antenna ⑤ Shield Room			
Radiation Pattern			
2405 MHz	2440 MHz	2480 MHz	
			
Efficiency			
Frequency(MHz)	2405	2440	2480
Efficiency(dB)	-3.92	-3.55	-4.27
Peak Gain(dB)	-0.36	0.41	-0.35

[Notice]

* This data is measured when TWZT-S001D-P is connected to the 4th Slot of Gen2 Gateway Board. Gen2 Gateway has 7 slots for diverse modules. The 4th Slot is the middle slot of whole 7 slots of it.