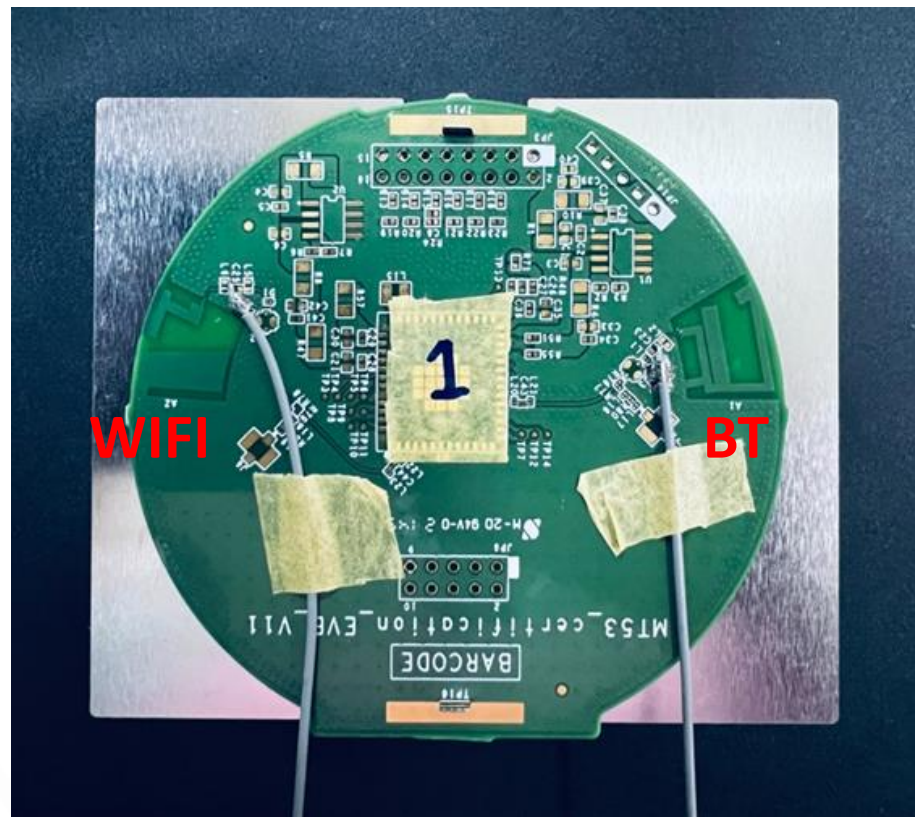


MT53 Antenna SPEC_0609

MT53 Antenna

1. Antenna type: **PIFA**
2. Antenna figure



MT53 Antenna

3. Antenna peak gain

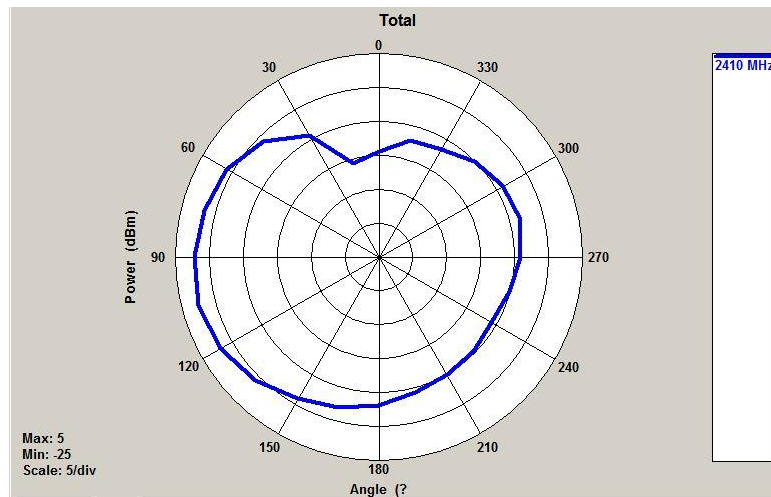
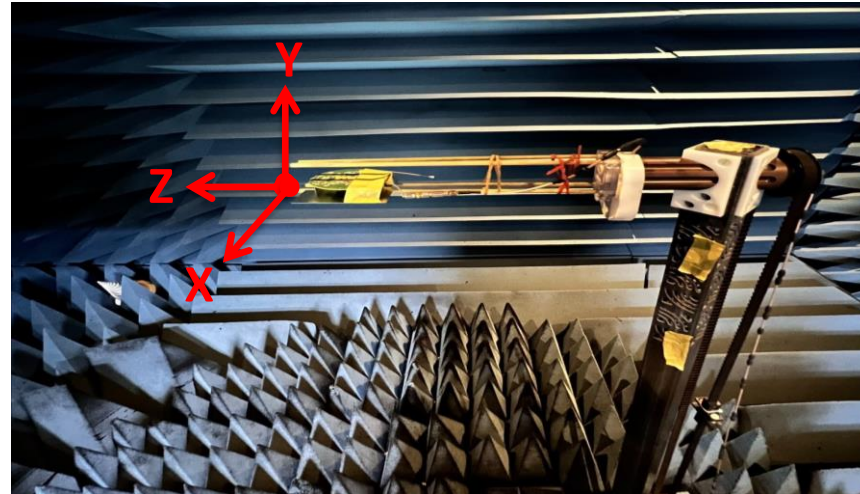
2G WiFi	WiFi antenna	
	Mea. Eff.(dB)	Mea. Peak Gain (dBi)
ch1 2412	-1.6	4.12
Ch6 2437	-1.53	4.27
Ch11 2462	-1.73	4.04
Ch13 2472	-1.95	3.92
5G WiFi	WiFi antenna	
	Mea. Eff.(dB)	Mea. Peak Gain (dBi)
ch36 5180	-0.15	6.02
ch64 5320	-0.32	6.06
ch100 5500	-0.15	5.92
ch165 5825	-0.16	5.97

BT/BLE	BT antenna	
	Mea. Eff.(dB)	Mea. Peak Gain (dBi)
2402	-2.27	4.21
2440	-2.01	4.35
2480	-2.66	3.71

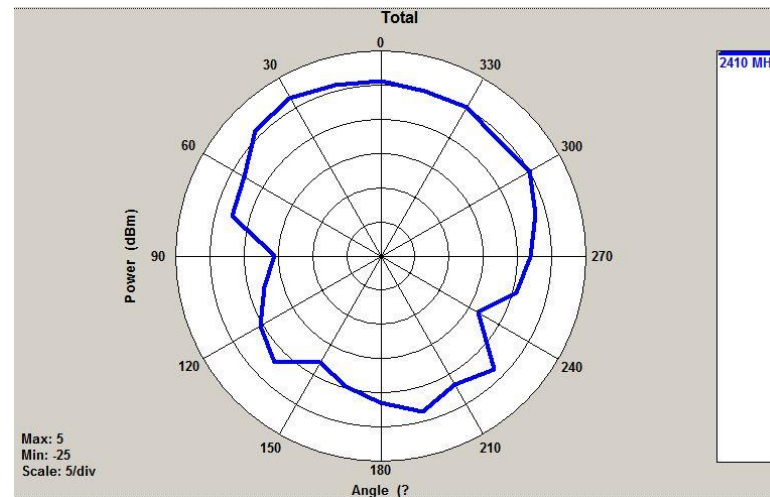
MT53 Antenna

4. Antenna pattern_WIFI

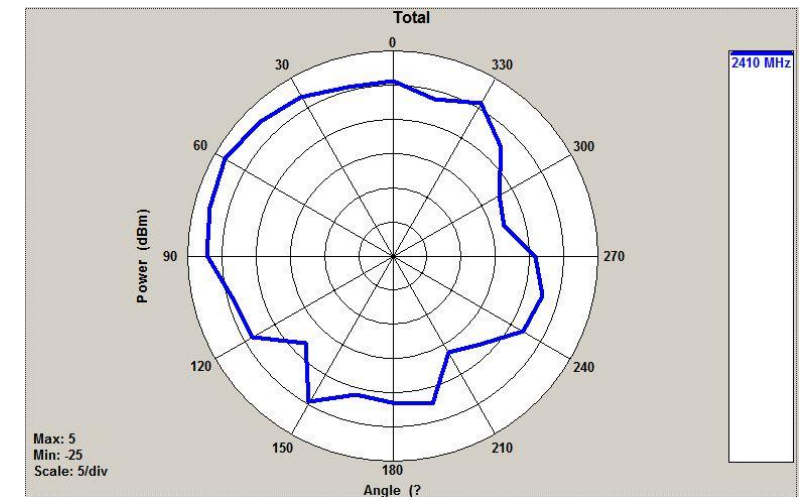
WIFI antenna _2410MHz



XY-Plane

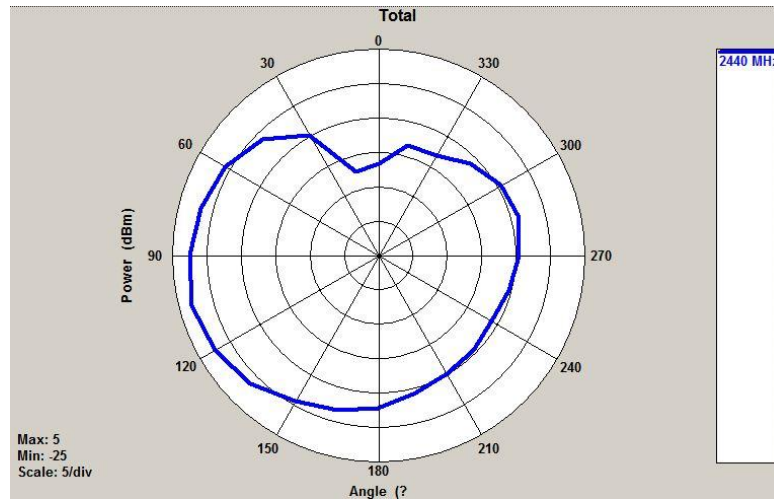


XZ-Plane

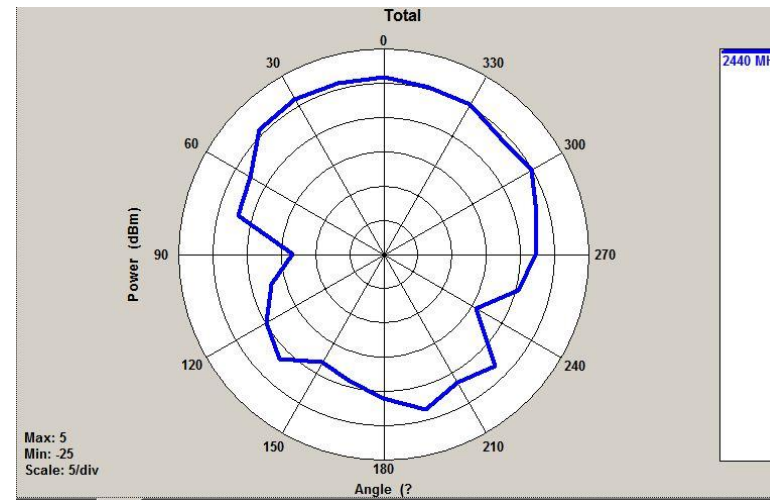


YZ-Plane

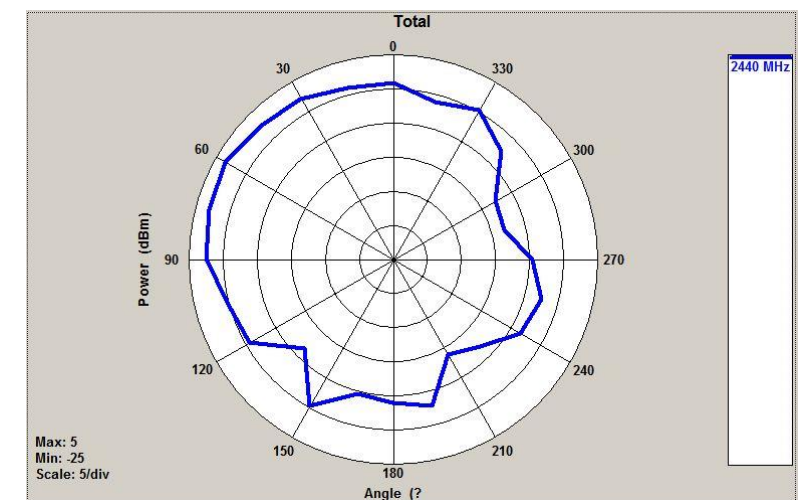
WIFI antenna _2440MHz



XY-Plane

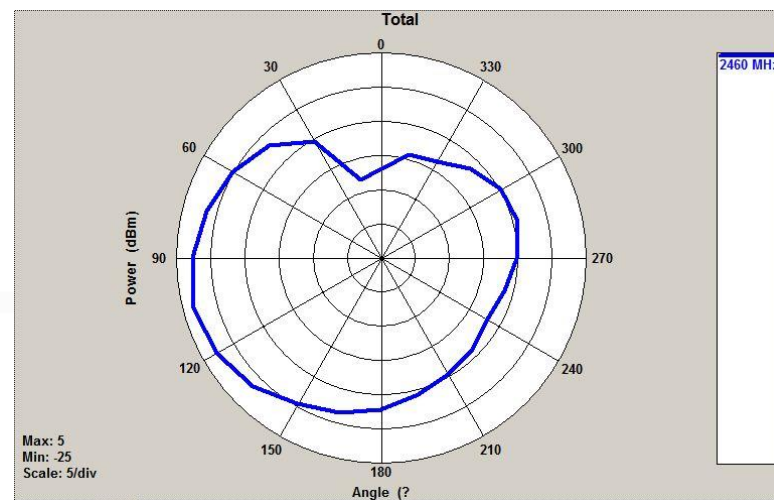


XZ-Plane

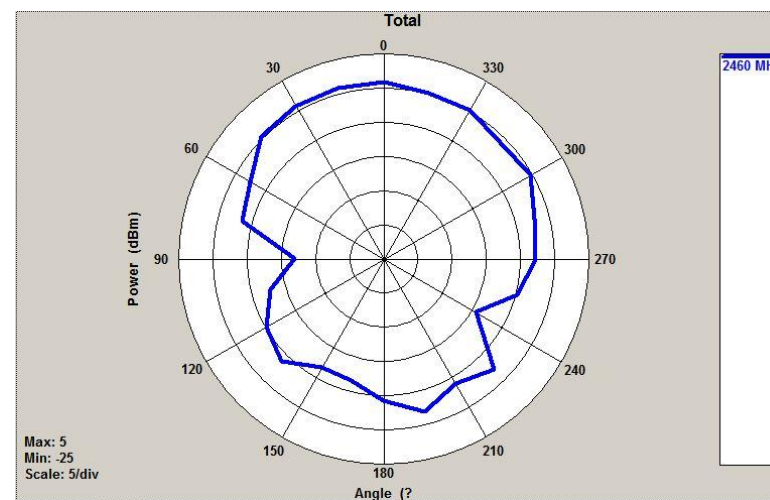


YZ-Plane

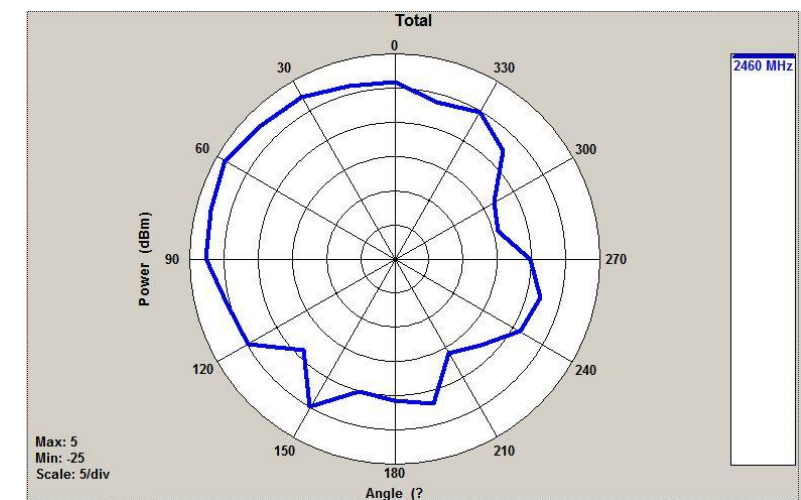
WIFI antenna _2460MHz



XY-Plane

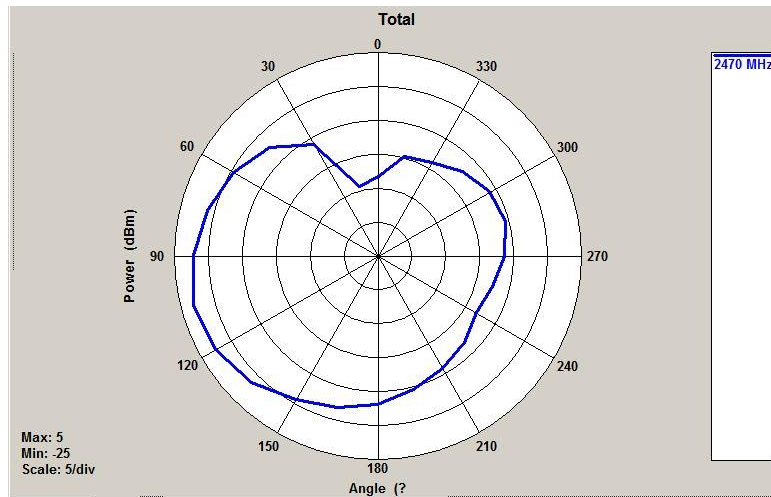


XZ-Plane

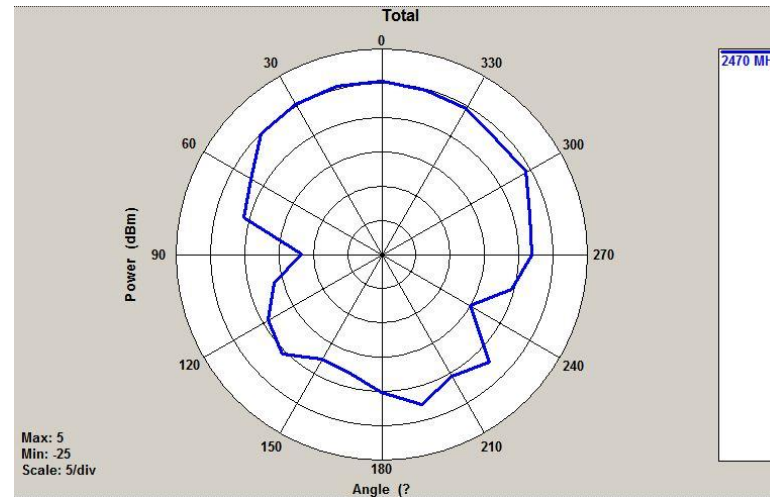


YZ-Plane

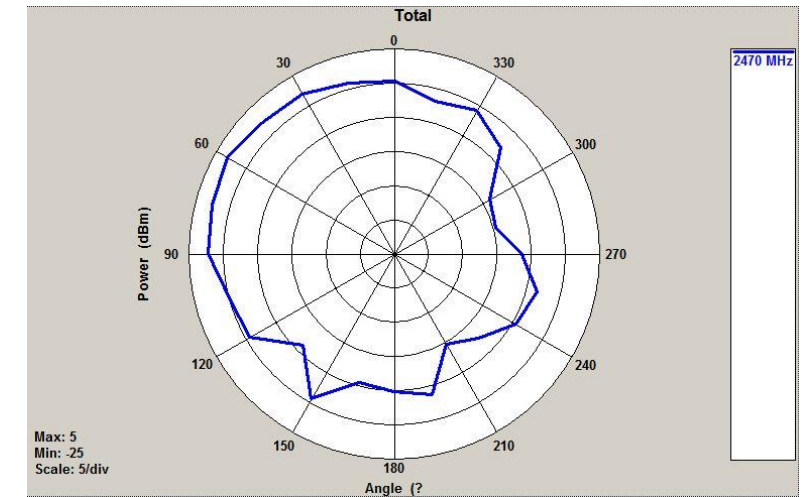
WIFI antenna _2470MHz



XY-Plane

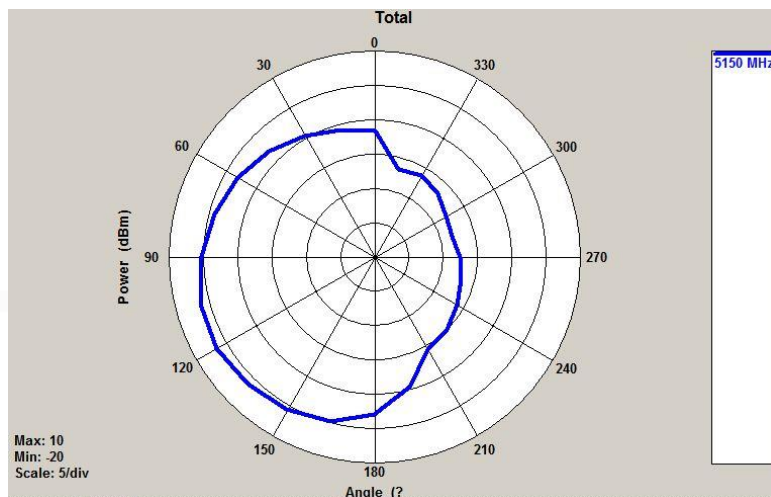


XZ-Plane

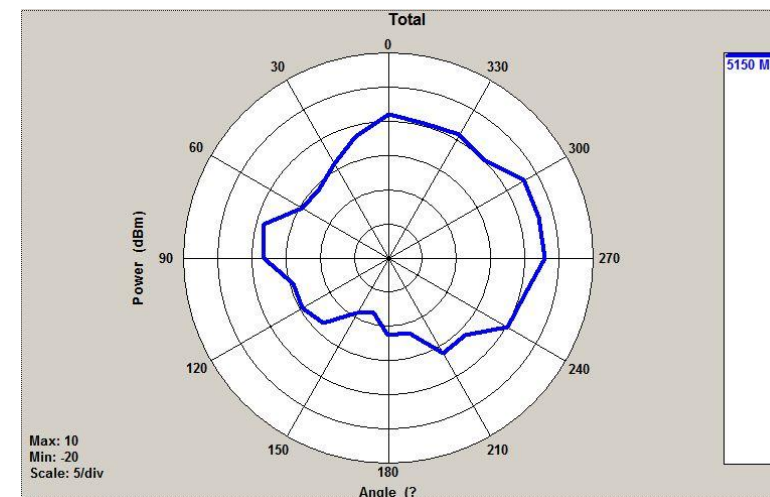


YZ-Plane

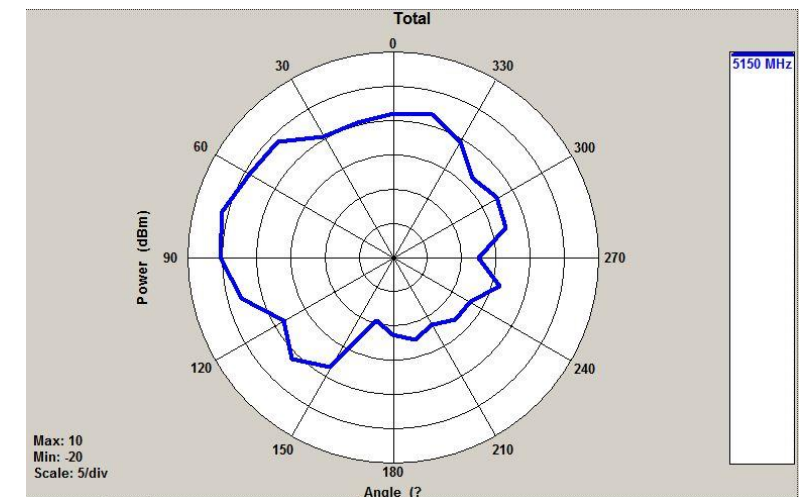
WIFI antenna _5150MHz



XY-Plane

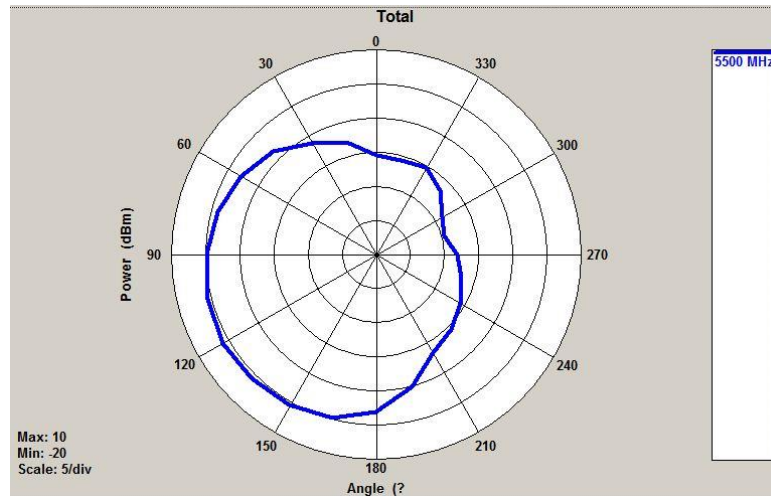


XZ-Plane

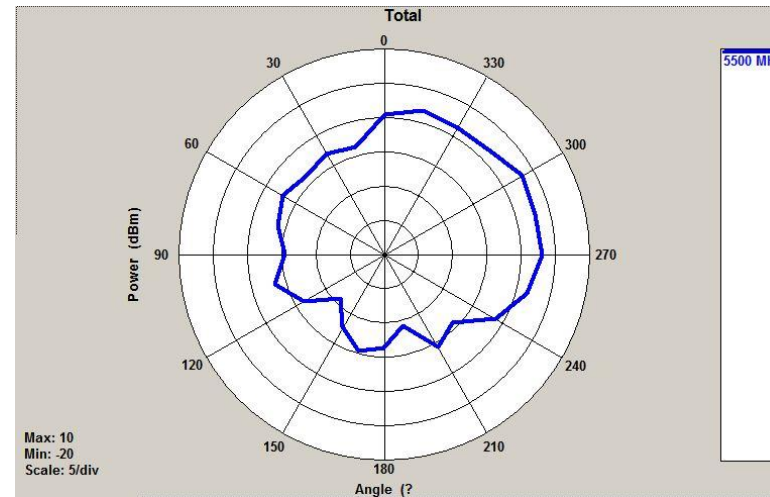


YZ-Plane

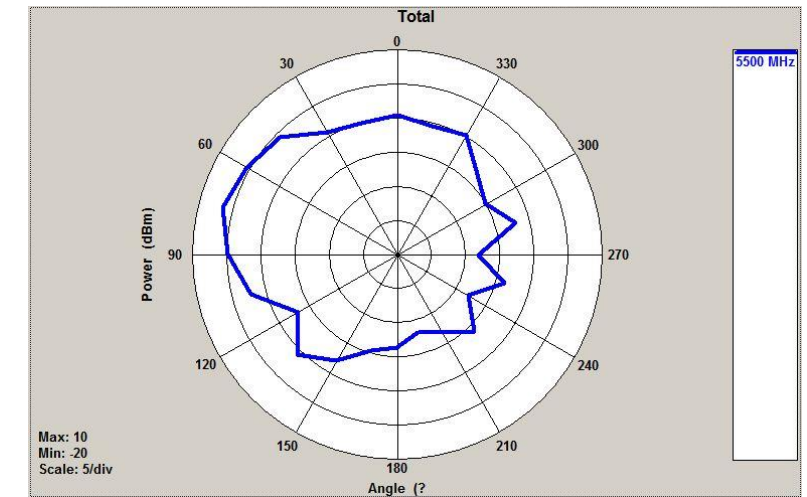
WIFI antenna _5500MHz



XY-Plane

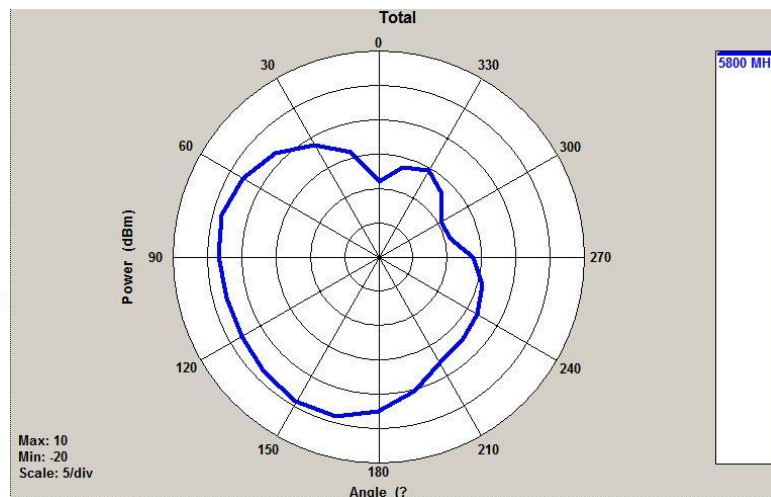


XZ-Plane

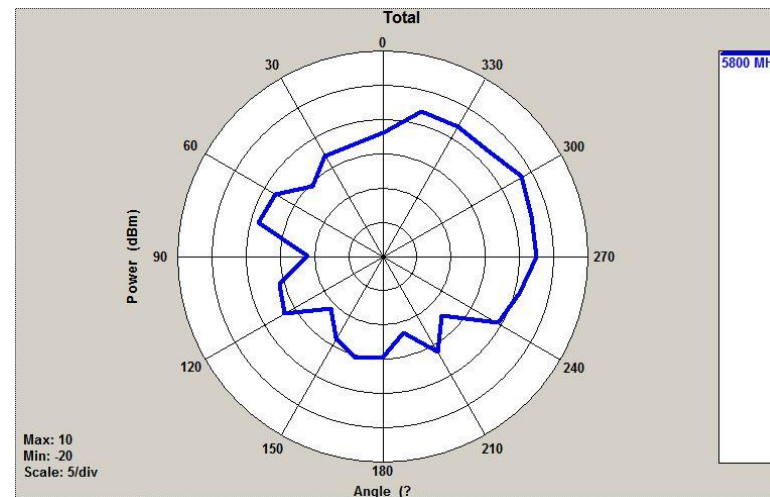


YZ-Plane

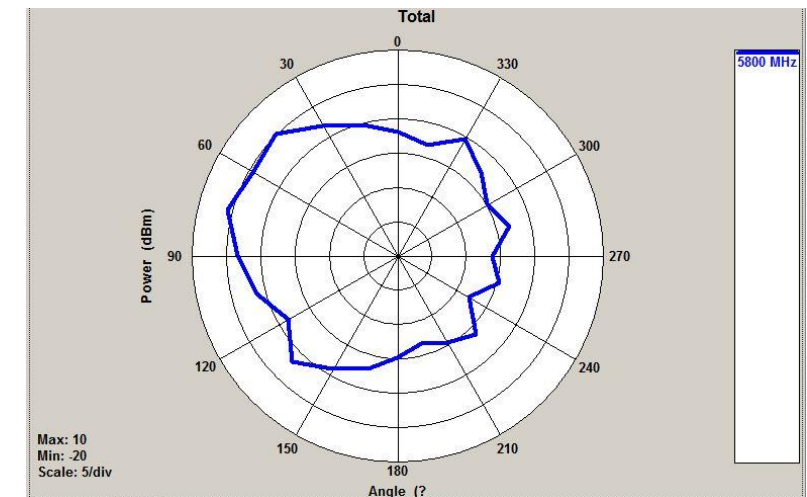
WIFI antenna _5800MHz



XY-Plane



XZ-Plane

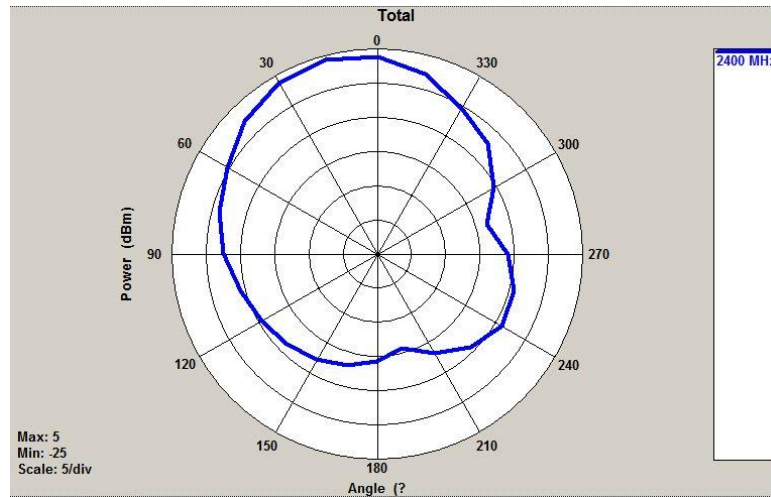
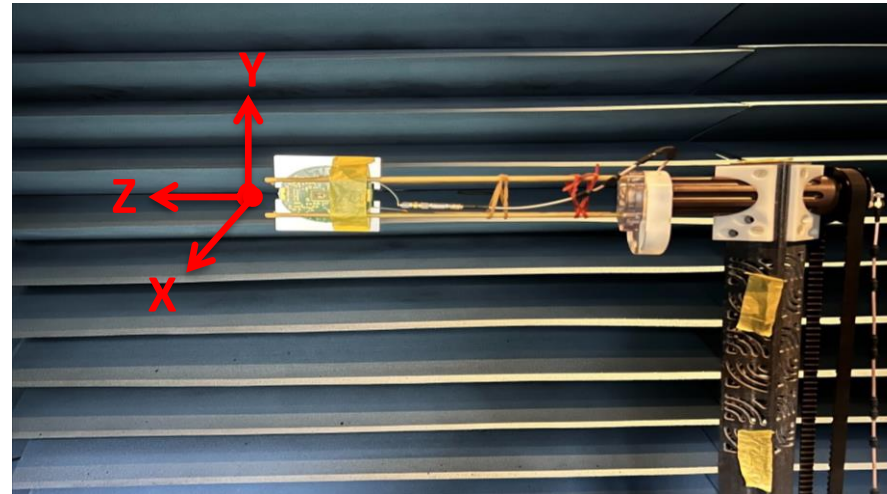


YZ-Plane

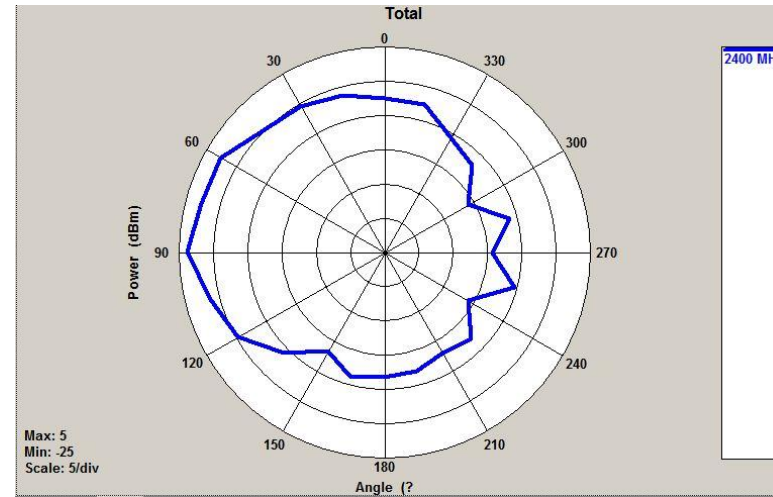
MT53 Antenna

5. Antenna pattern_BT

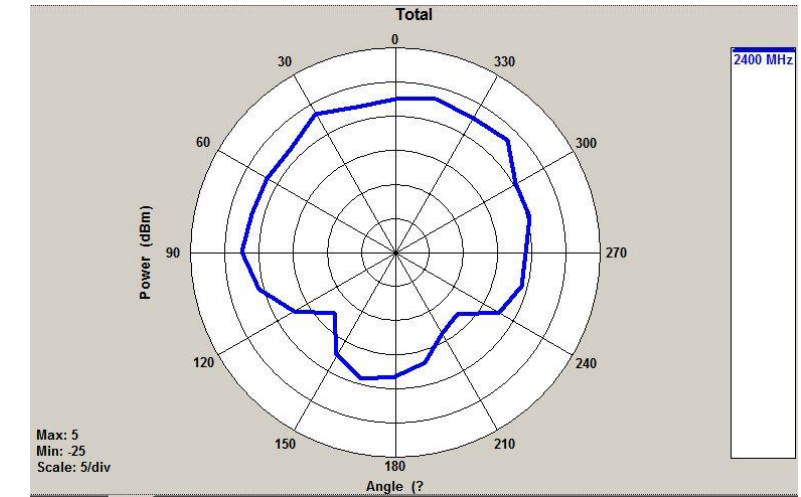
BT antenna _2400MHz



XY-Plane

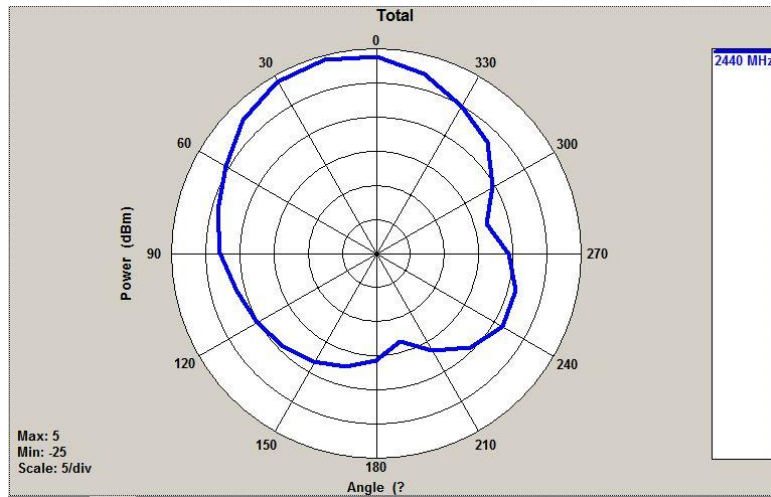


XZ-Plane

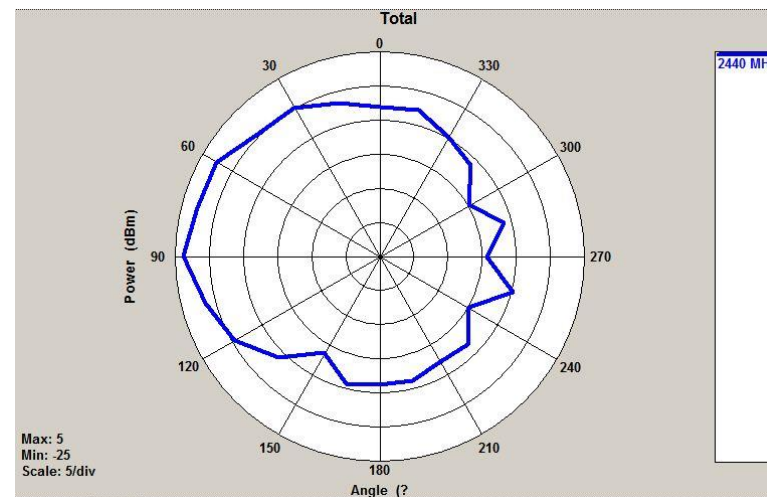


YZ-Plane

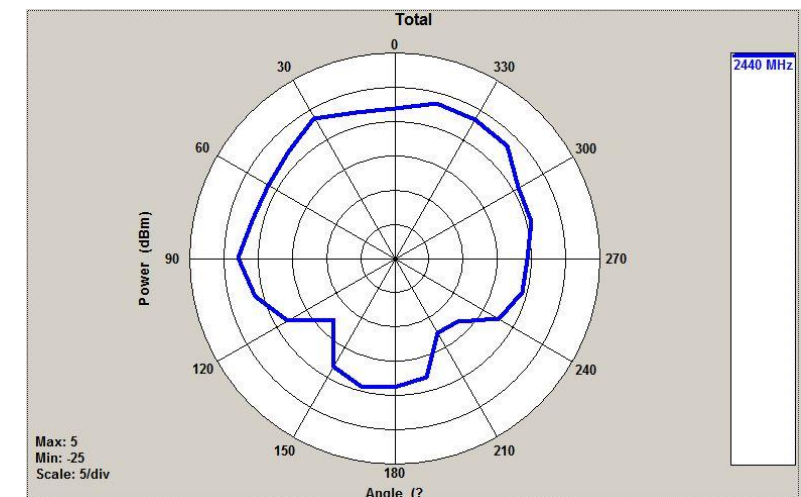
BT antenna _2440MHz



XY-Plane

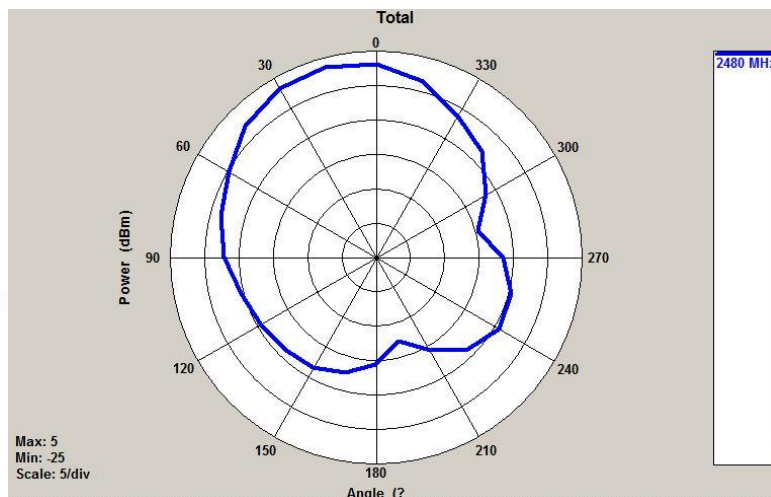


XZ-Plane

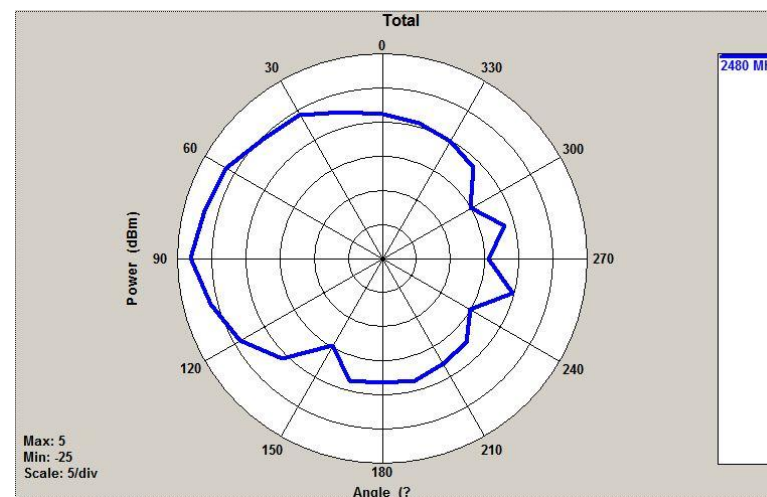


YZ-Plane

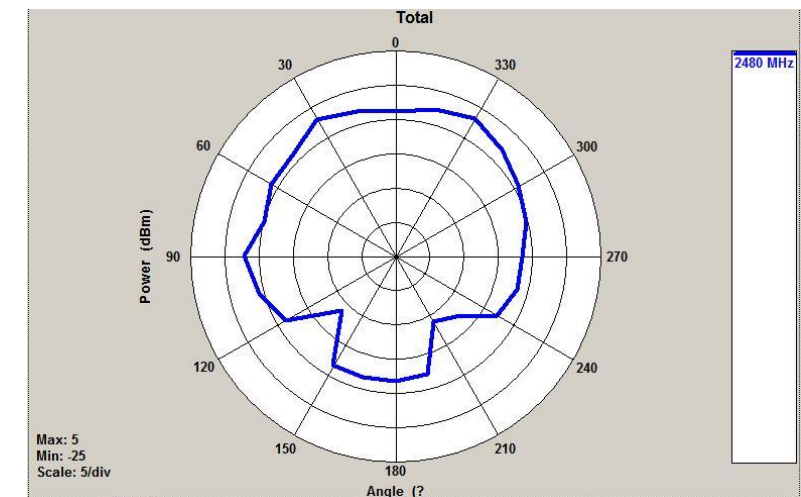
BT antenna _2480MHz



XY-Plane



XZ-Plane



YZ-Plane

Thank You