

Antenna Test Result for Fruitesse

25th November 2024

Manufacturer's Name: Universal Global Scientific Industrial Co., Ltd.

Manufacturer's Address: No.135, Lane 351, Taiping Road, Sec. 1, Tsao Tuen Nan-Tou, Taiwan

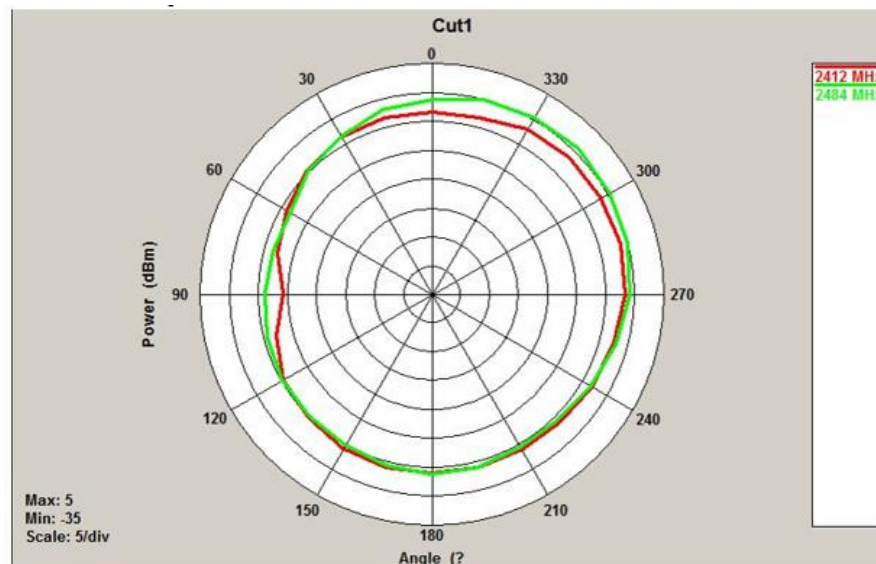
Ant. Gain

WiFi_6E Design SPEC of Antenna Peak Gain (dBi)			
Frequencies, Bands		WiFi Ant. 1 + BT	WiFi Ant. 2
Operation Mode			
2.4GHz	2412	1.88	1.94
	2484	2.45	1.93
5GHz	5170	3.62	1.54
	5330	3.50	1.08
	5490	3.42	1.93
	5650	3.00	2.18
	5730	2.25	1.10
	5835	2.40	1.52
	5900	2.27	1.66
6GHz	5955	2.08	1.74
	6115	2.90	1.60
	6275	2.19	1.78
	6435	2.29	1.41
	6595	2.43	1.67
	6755	2.56	1.67
	6915	2.39	1.72
	7125	2.49	1.76

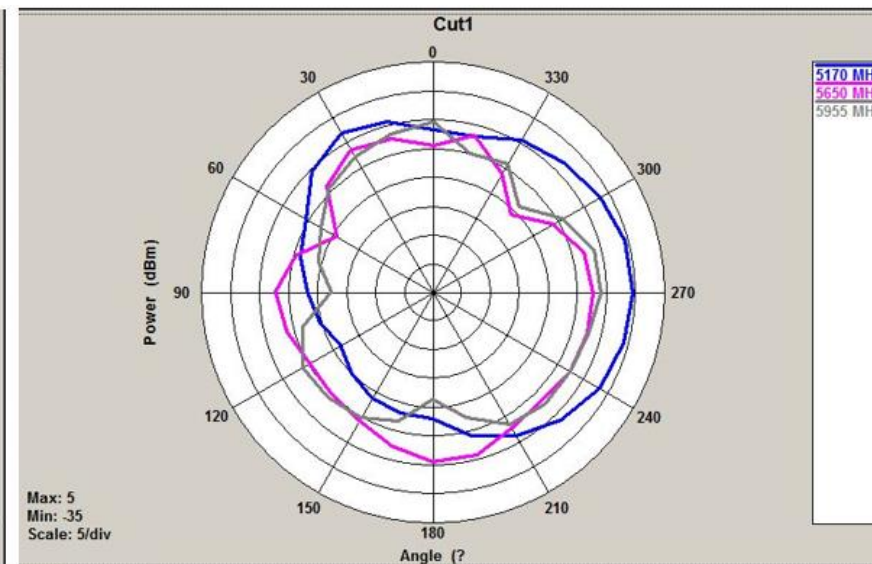
Ant. Type

- Manufacturer
USI
- P/N
WiFi Ant. 1 + BT: US5990-12-002-C
WiFi Ant. 2: US5990-12-001-C
- WiFi Ant. 1 + BT & WiFi Ant. 2
PIFA

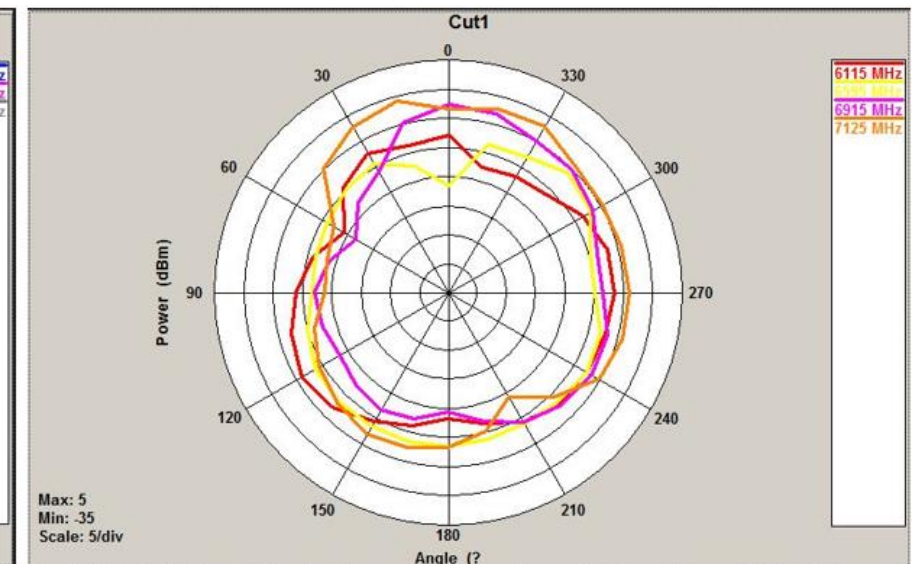
Ant. Pattern (WiFi Ant. 1 + BT_XY Plane)



2G

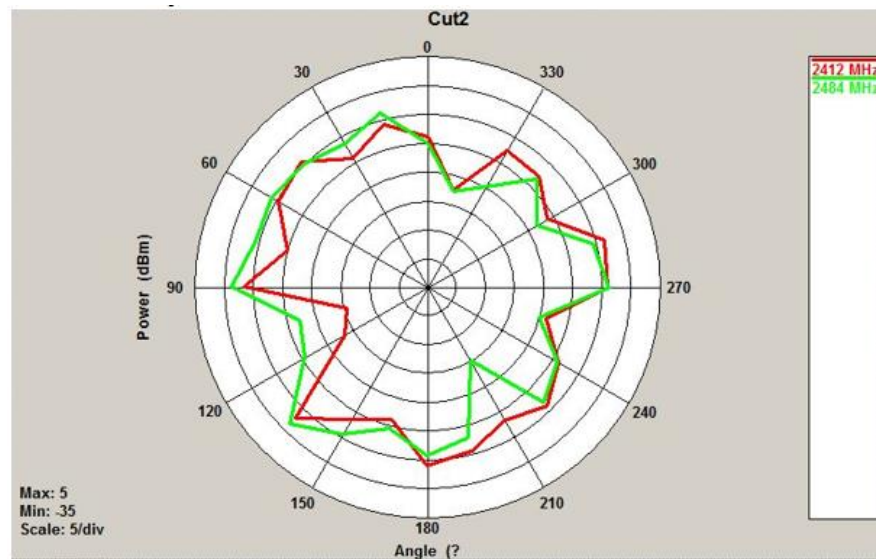


5G

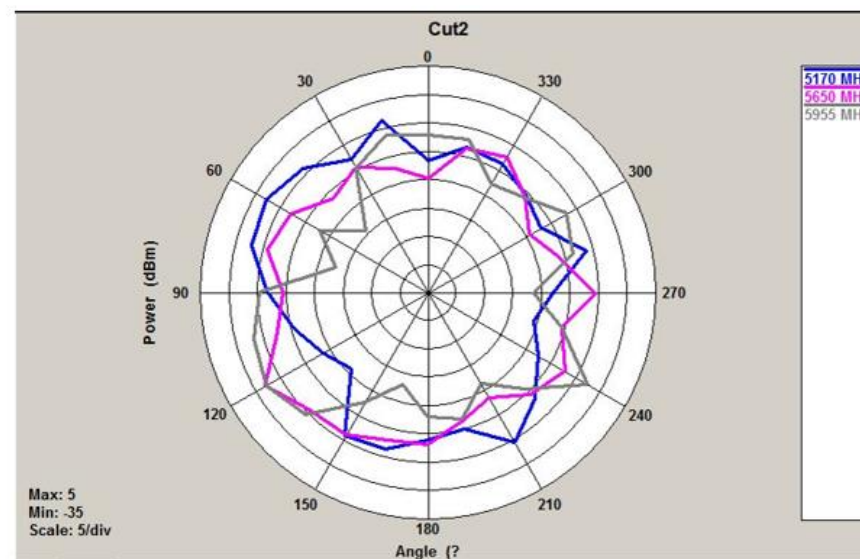


6G

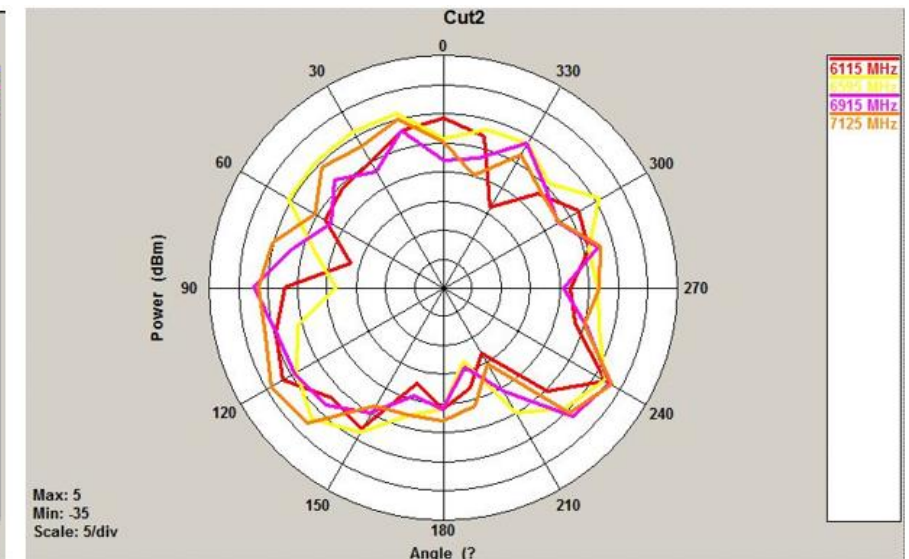
Ant. Pattern (WiFi Ant. 1 + BT_XZ Plane)



2G

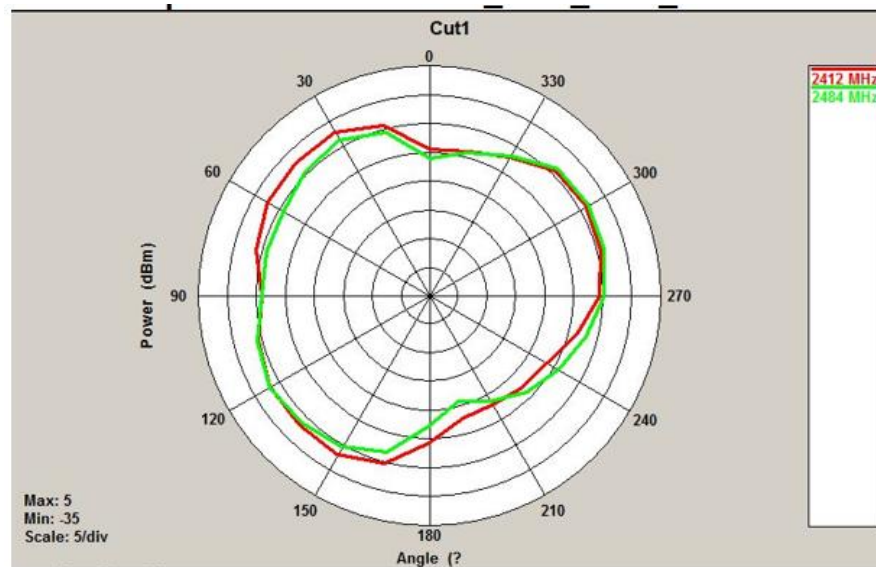


5G

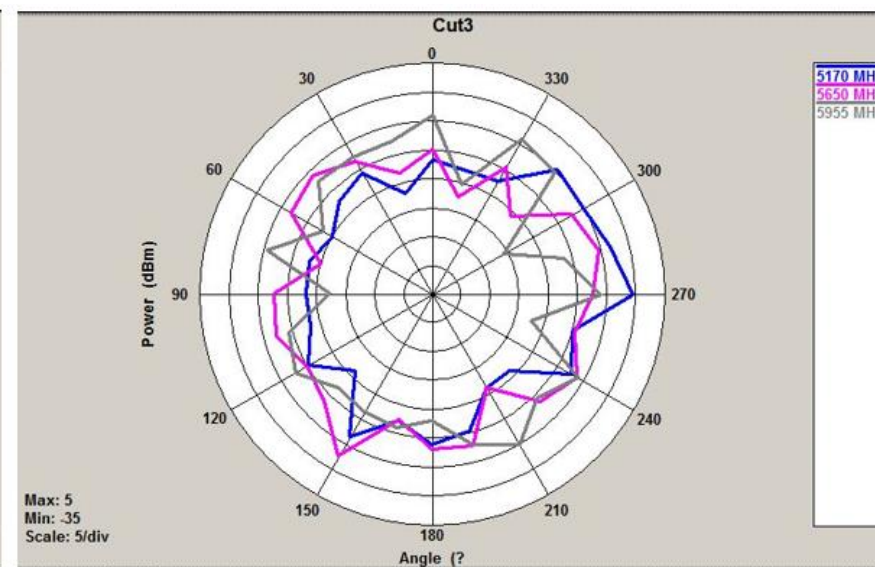


6G

Ant. Pattern (WiFi Ant. 1 + BT_YZ Plane)



2G

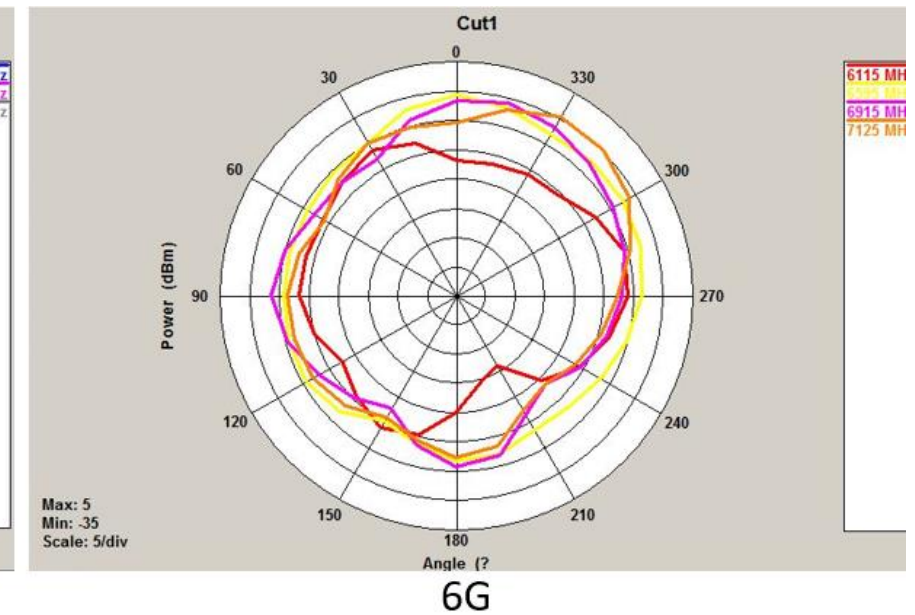
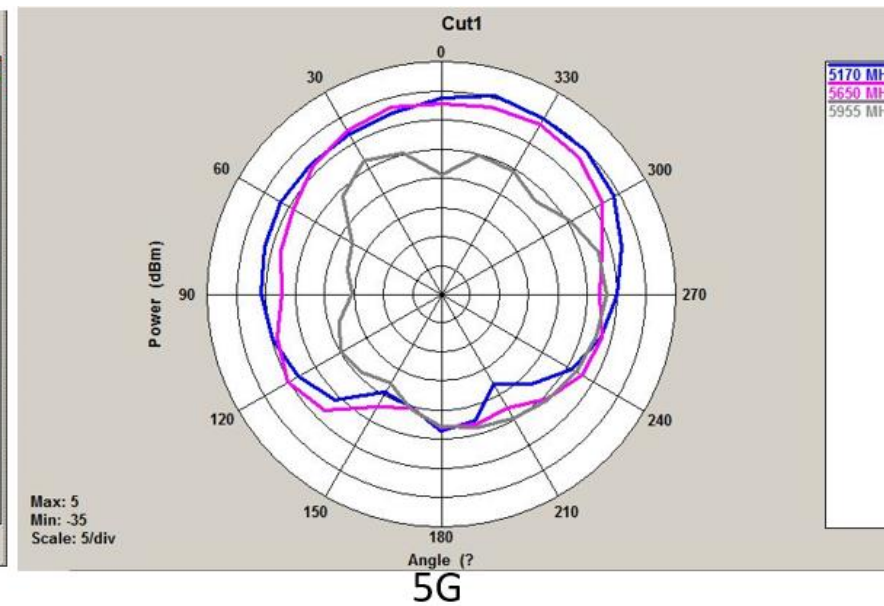
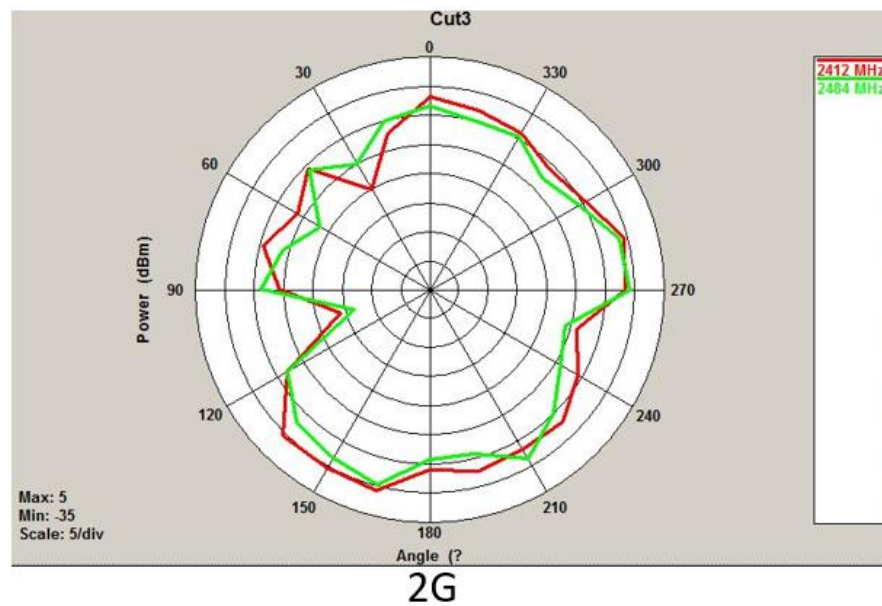


5G

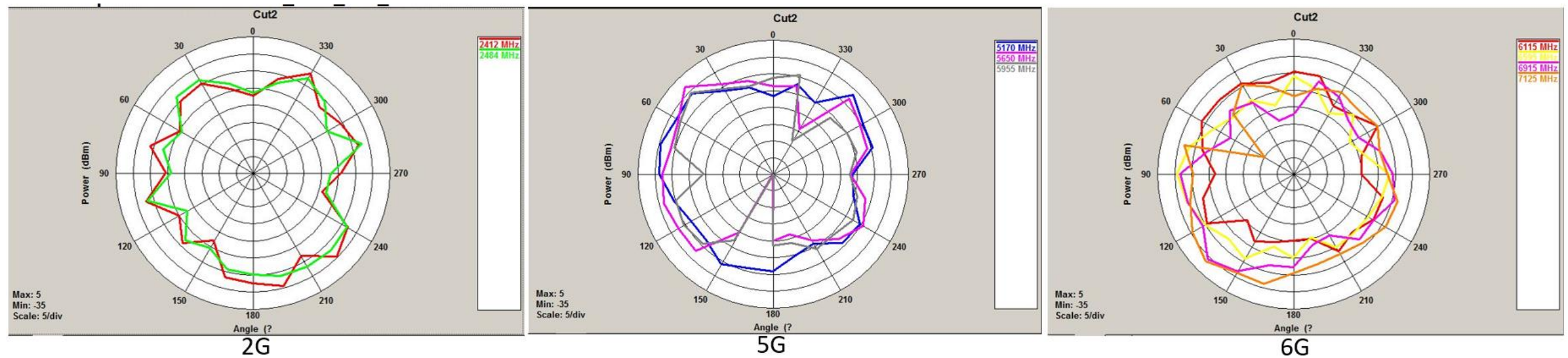


6G

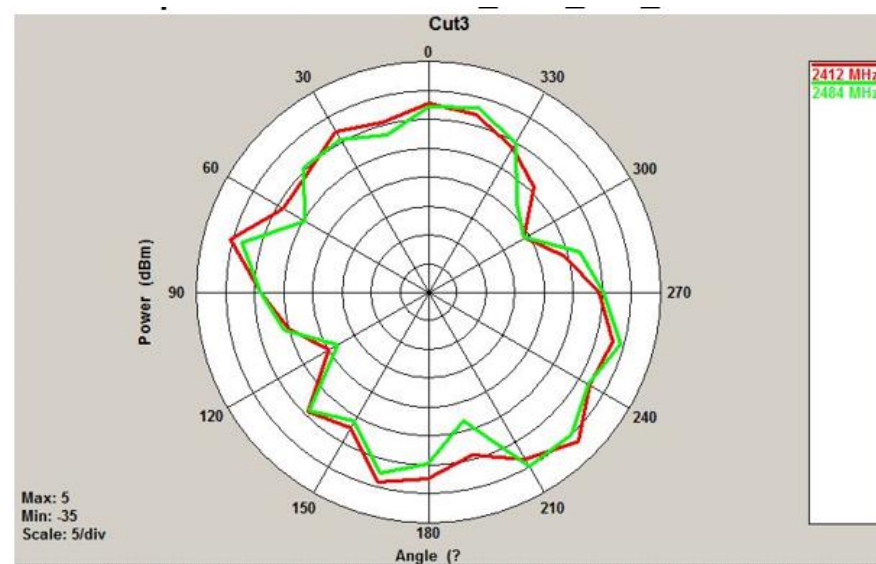
Ant. Pattern (WiFi Ant. 2_XY Plane)



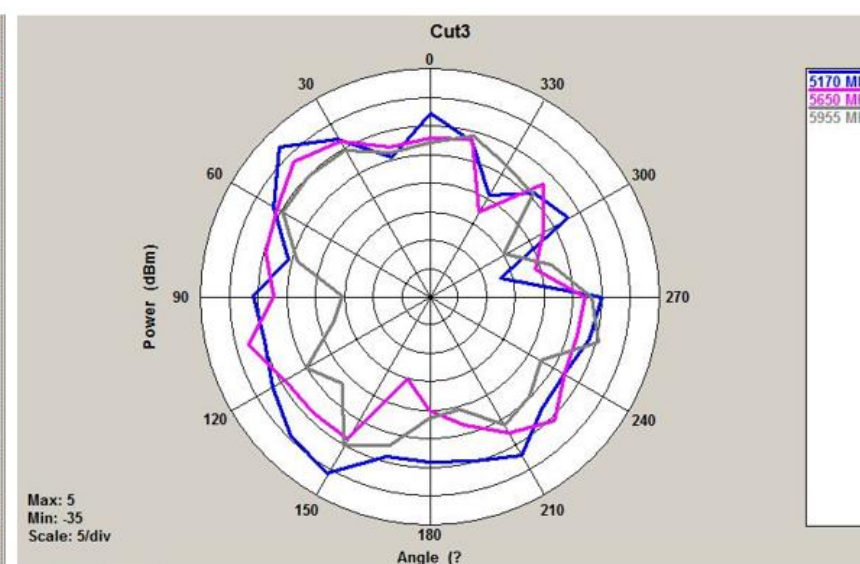
Ant. Pattern (WiFi Ant. 2_XZ Plane)



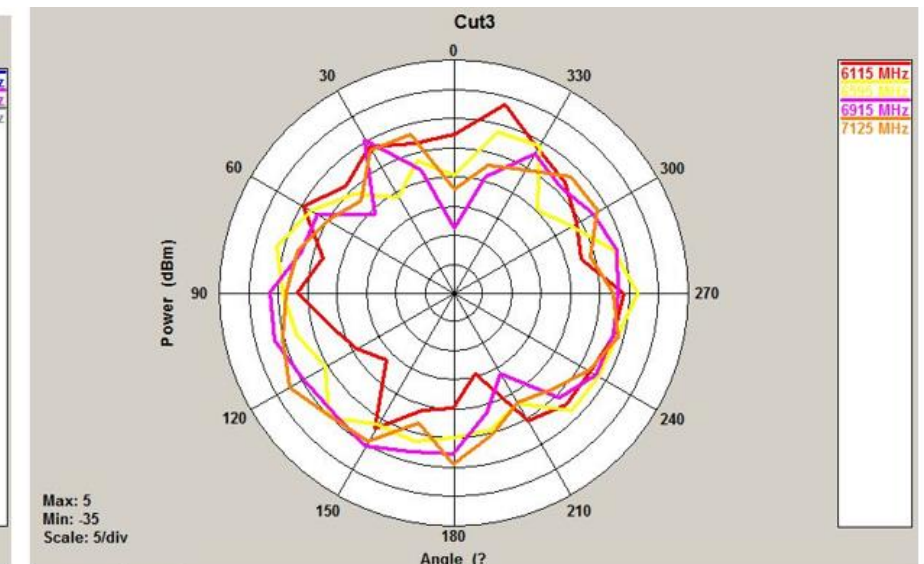
Ant. Pattern (WiFi Ant. 2_YZ Plane)



2G



5G



6G

Thank You