

北京众清科技有限公司

Antenna Test Report

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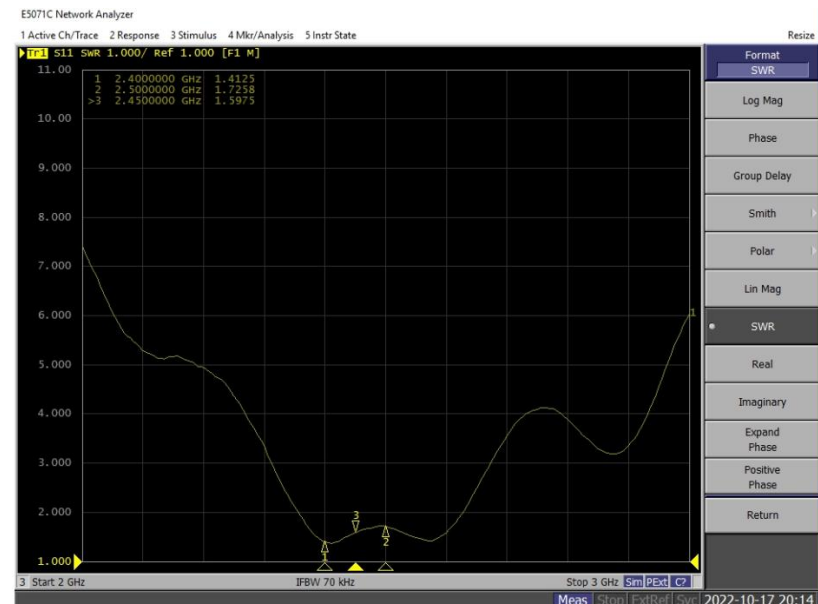
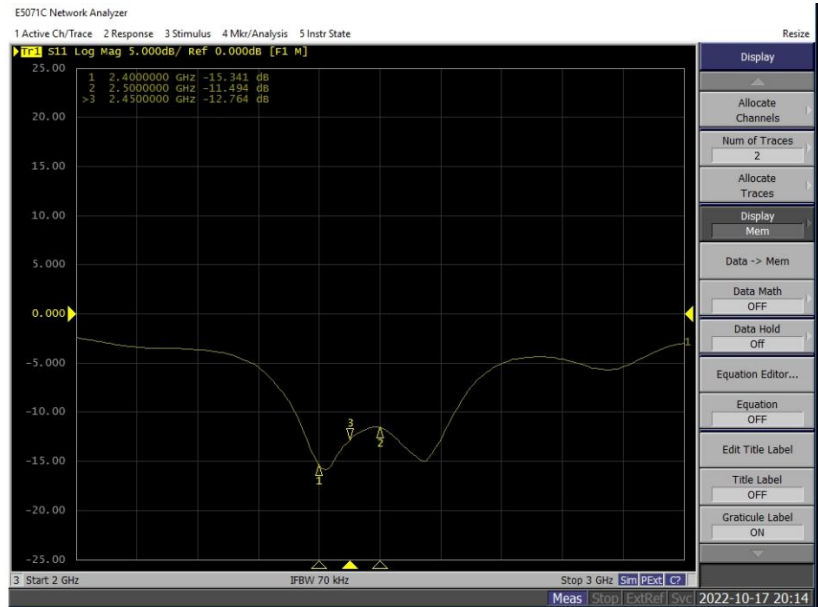
Tester : Feng Boyuan

Approval : Li Hongyu

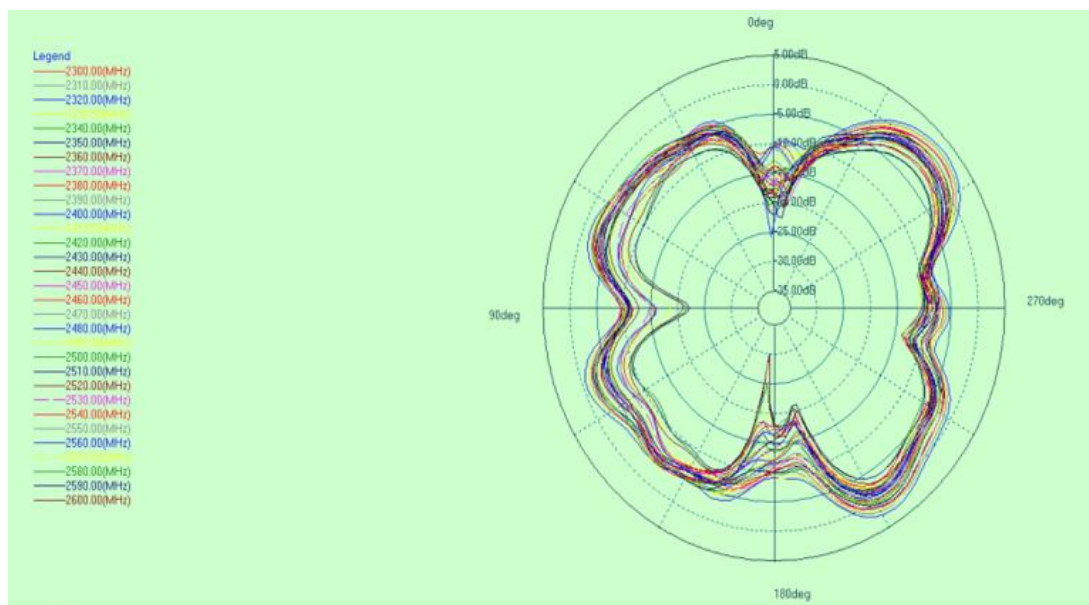
Date : 2022 / 10 / 25

2. Antenna Performance Test

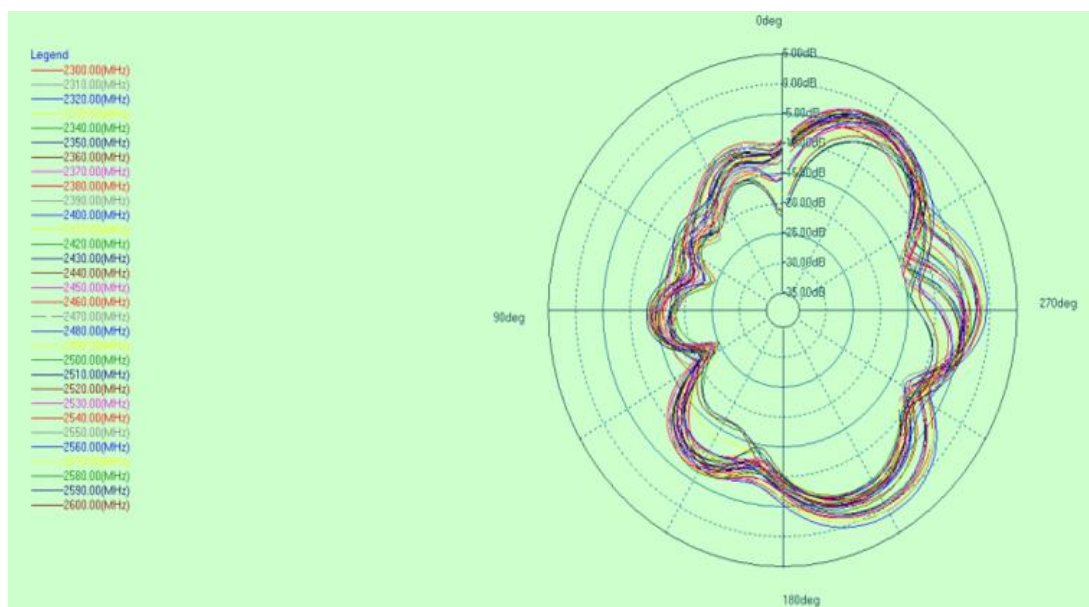
S Parameter Test



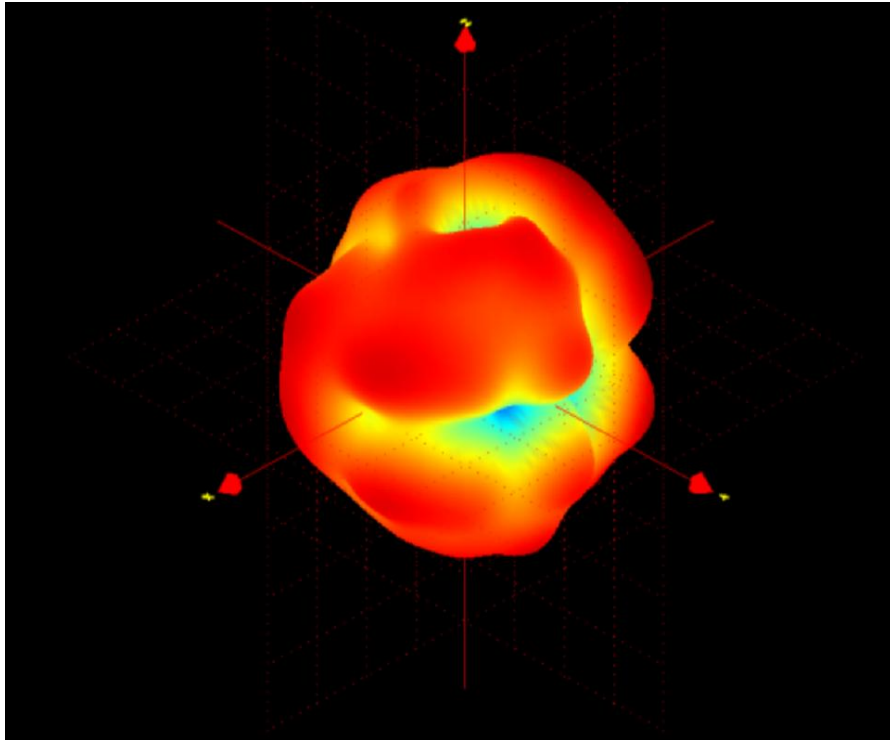
Phi=0



Theta=90



3D model



Passive Test For BLE Antenna(2.4G)

Frequency(MHZ)	Efficiency(%)	Efficiency(db)	Peak Gain(dbi)
2400	53%	-2.75	3.09
2410	54%	-2.67	3.16
2420	56%	-2.50	3.33
2430	61%	-2.18	3.60
2440	61%	-2.16	3.60
2450	57%	-2.41	3.30
2460	57%	-2.45	3.24
2470	60%	-2.19	3.78
2480	63%	-2.04	3.97
2490	60%	-2.21	3.80
2500	56%	-2.54	3.33