



东莞市一佳电子通讯科技有限公司

Dongguan Yijia Electronics Communication
Science & Technology Co., Ltd

Antenna Test Report

Address: 2F Building B No.149 Hexing
Road Shatou District'Chang an
Dongguan Guangdong

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Tester : Liu tao

Approval : Yin tao

Date : 2023 / 11 / 17

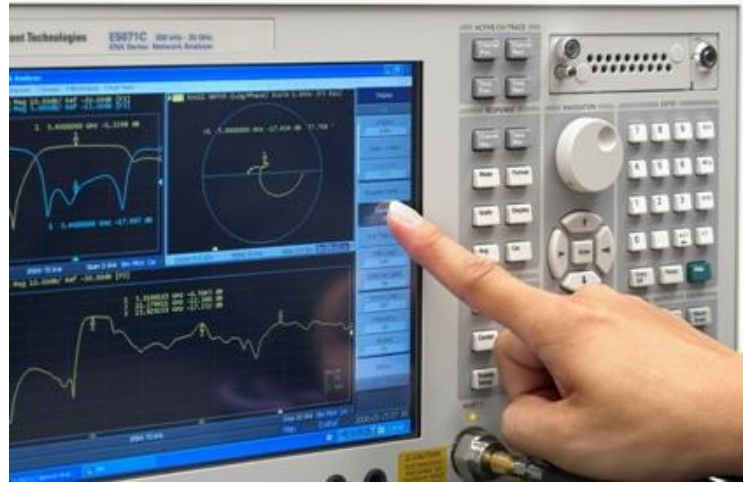
真诚 务实 开拓 创新



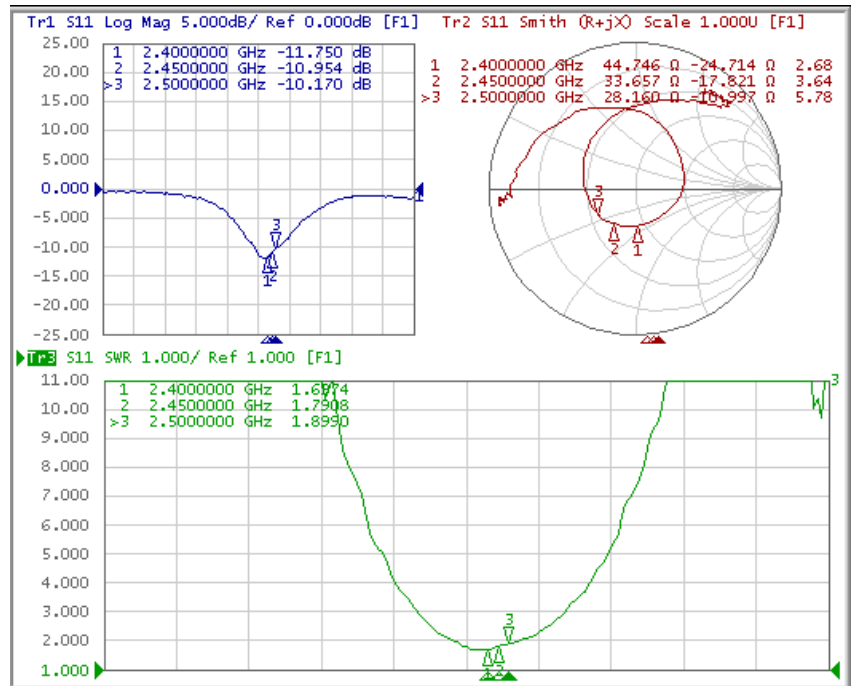
Project name	D135
Manufacturer	YJ
Type of antenna	Monopole ANTENNA
Model of antenna	PCB wrie
Test software name	Network Analyzer
Calibration date	2023.08.05
Network analyzer	Agilent E5071C



Agilent E5071B



S Parameter Test // BT Antenna





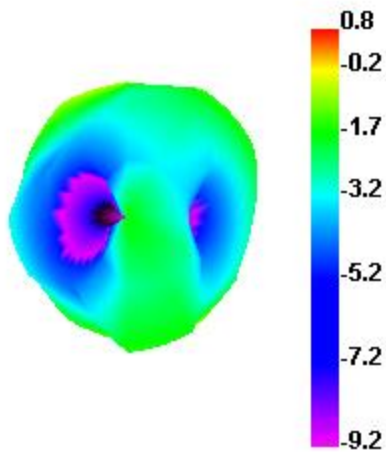
Passive Test For BT Antenna

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	34.2	-4.66	0.78
2410	34.85	-4.58	0.84
2420	35.22	-4.53	0.96
2430	34.89	-4.57	0.99
2440	34.85	-4.58	1.04
2450	37.51	-4.26	1.37
2460	37.57	-4.25	1.45
2470	38.17	-4.18	1.44
2480	38.41	-4.16	1.43
2490	39.05	-4.08	1.49
2500	38.02	-4.2	1.28

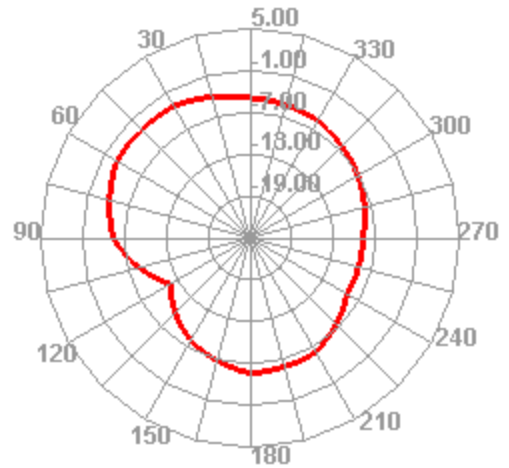


Radiation Pattern For BT Antenna(2400MHz)

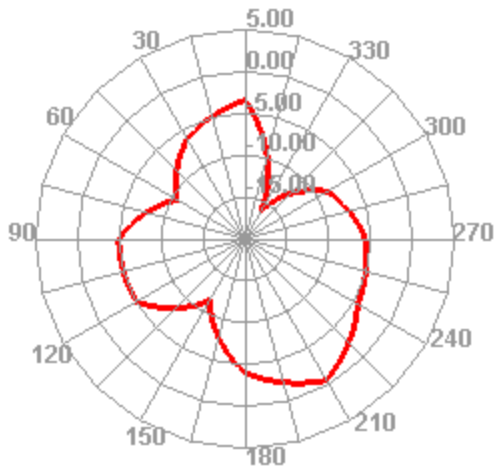
2400.000MHz



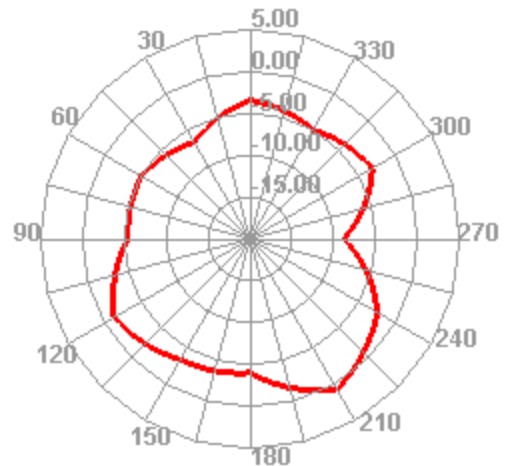
2400.000MHz H



2400.000MHz E1



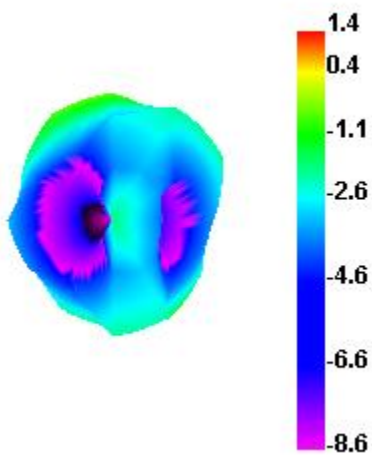
2400.000MHz E2



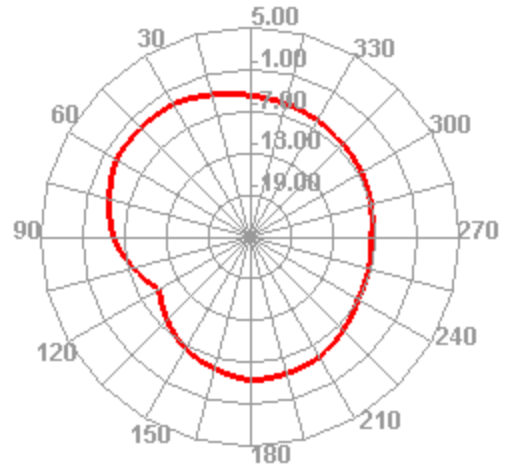


Radiation Pattern For BT Antenna(2450MHz)

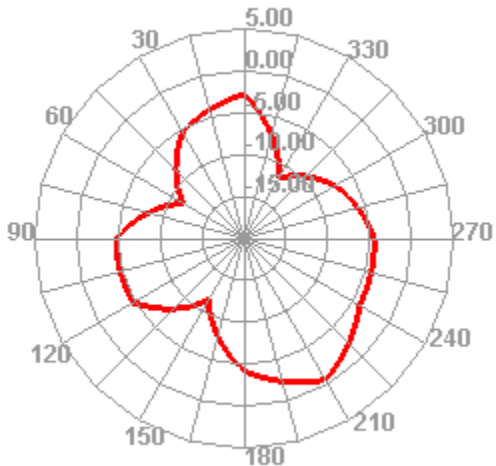
2450.000MHz



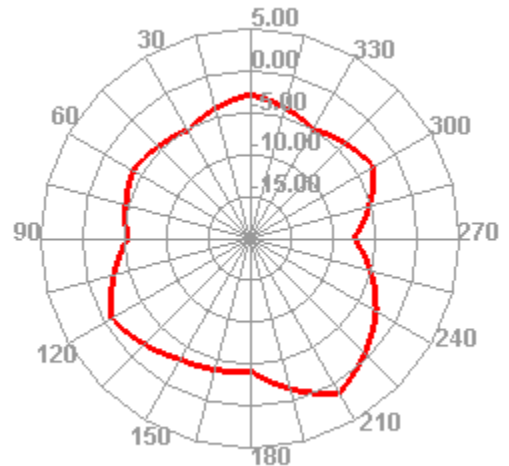
2450.000MHz H



2450.000MHz E1



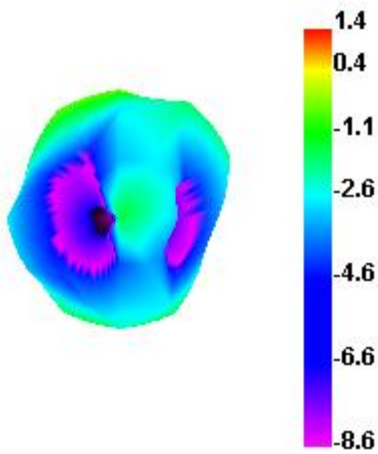
2450.000MHz E2



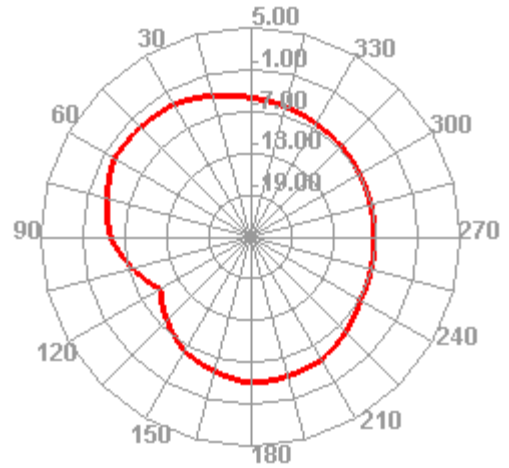


Radiation Pattern For BT Antenna(2480MHz)

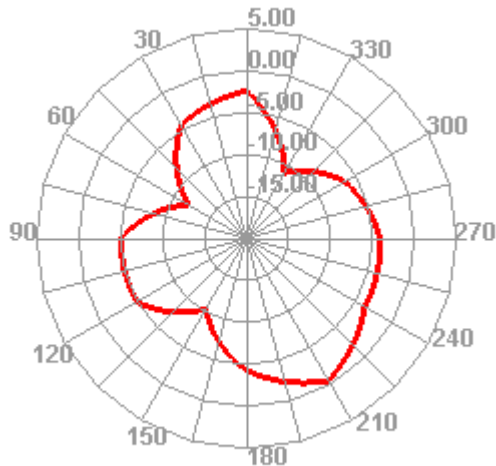
2480.000MHz



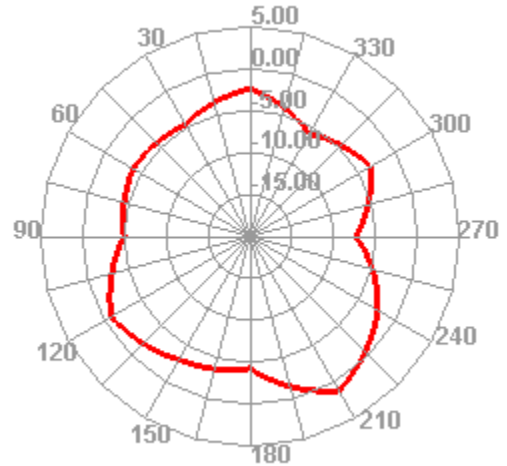
2480.000MHz H



2480.000MHz E1



2480.000MHz E2





Type of NFC antenna	PVC wound copper wire
Size of NFC antenna	59mm*59mm