

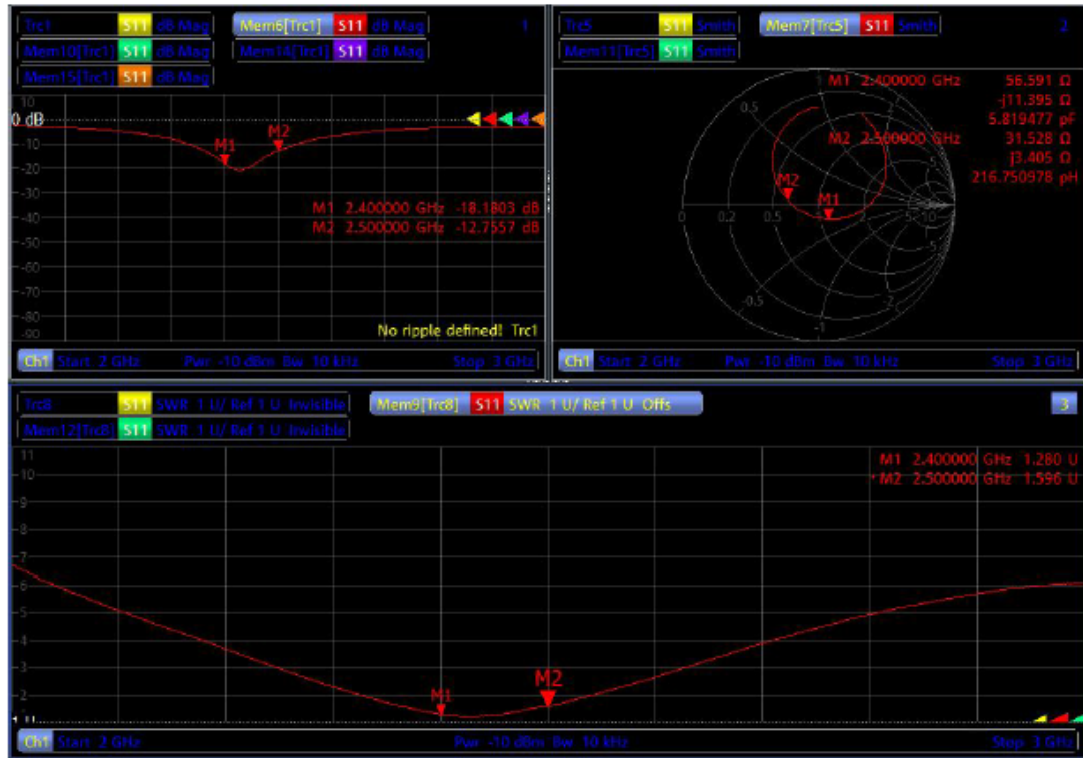
Antenna Specification Sheet

Manufacturer: Shenzhen Top-link Technologies Co., LTD

Manufacturer's address: Zhengfeng Industrial Park, No. 610 Fengtang Avenue, Fuhai Street, Baoan District, Shenzhen, Guangdong, China

Model: G301

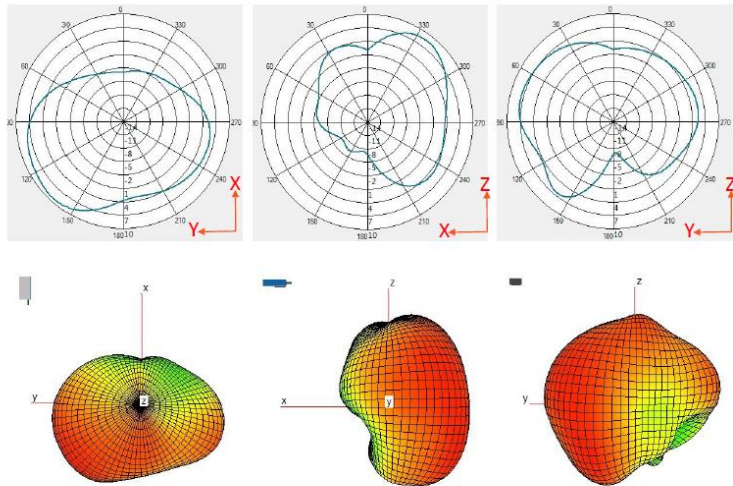
1.BT



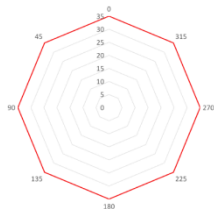
Maker	S11	Smith	SWR
M1 (2.4GHz)	-18.2 dB	56.6 Ω	1.3 U
M2 (2.5GHz)	-12.8 dB	31.2 Ω	1.6 U

BT Passive testing		
frequency	efficiency (%)	Gain
2400	12.34	-4.33
2410	12.39	-3.82
2420	12.43	-3.99
2430	12.39	-3.49
2440	12.75	-3.62
2450	13.61	-3.04
2460	13.72	-3.69
2470	13.42	-3.76
2480	12.66	-4.61
2490	12.03	-4.42
2500	12.99	-3.96
AVG	12.79	-3.88

BT Active testing (27byte)		
	band	
TRP	0	4.77
	39	4.87
	78	5.02
	AVR	4.89
TIS	0	-90.04
	39	-89.91
	78	-90.18
	AVR	-90.04

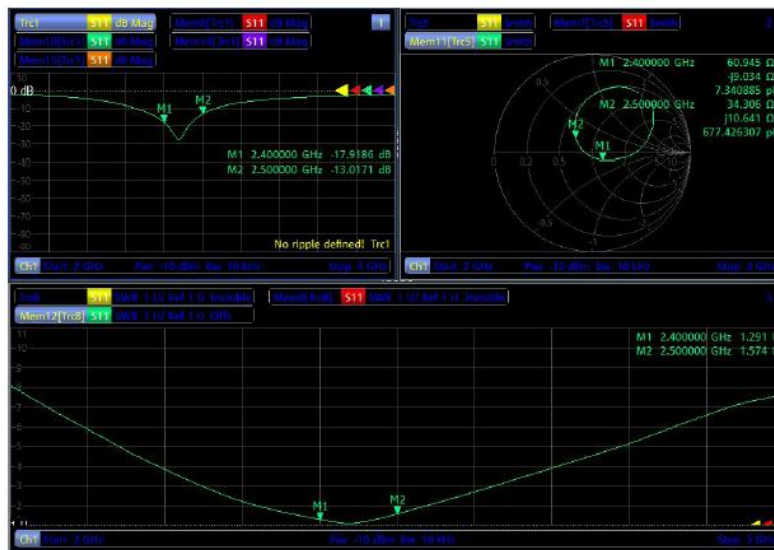


Angle	Distance
0	35
45	35
90	35
135	35
180	35
225	35
270	35
315	35



— Straight-line distance

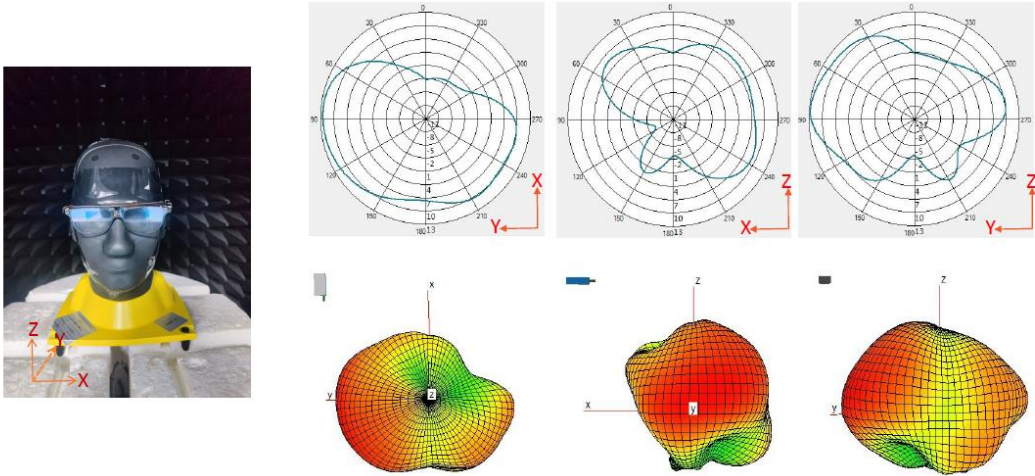
(二) WIFI



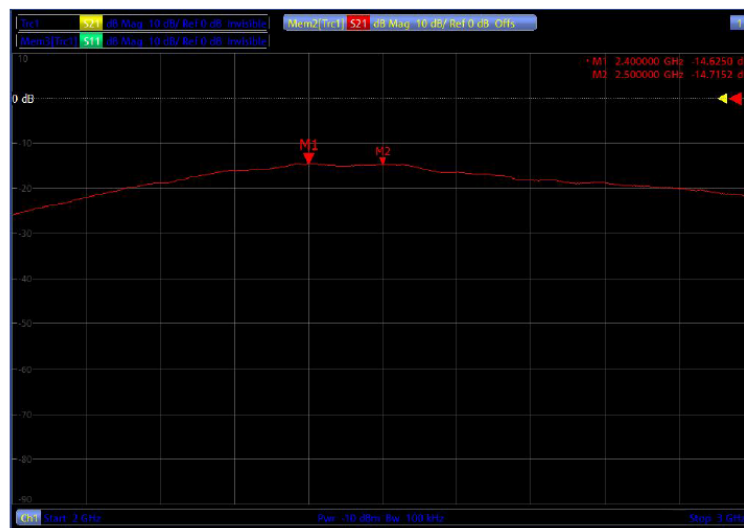
Maker	S11	Smith	SWR
M1 (2.4GHz)	-17.9 dB	60.9 Ω	1.3 U
M2 (2.5GHz)	-13.0 dB	34.3 Ω	1.6 U

WIFI Passive testing		
frequency	efficiency (%)	Gain
2400	16.54	-3.67
2410	16.88	-3.58
2420	17.17	-3.47
2430	17.93	-3.45
2440	17.73	-3.69
2450	17.92	-3.79
2460	18.29	-3.90
2470	17.94	-4.00
2480	17.78	-4.00
2490	17.61	-3.78
2500	17.00	-3.43
AVG	17.5	-3.7

WIFI Active testing (802.11g/20MHz TRP&TIS Data Rate MCS0 Mbps)		
	band	
TRP	1	6.49
	7	7.65
	13	7.38
	AVR	7.17
TIS	1	-81.81
	3	-81.18
	17	-81.65
	AVR	-81.55



Degree of isolation-S(BT, WIFI)

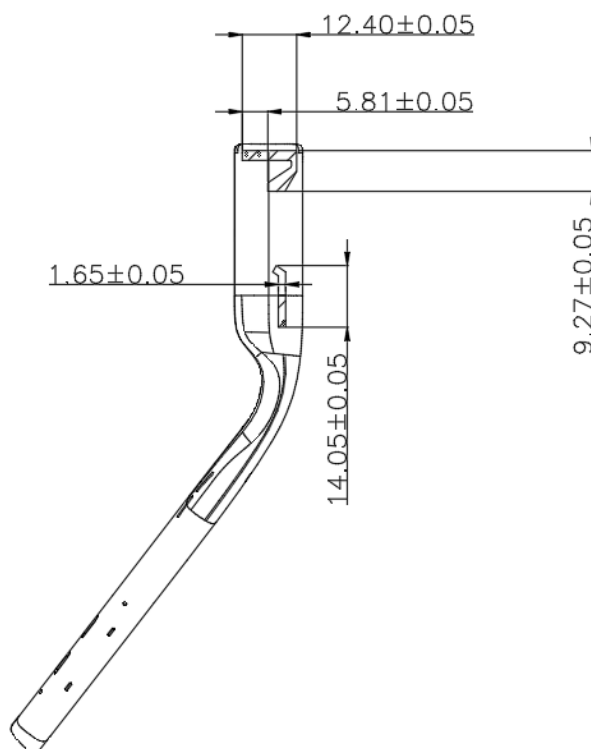


Maker	S11
M1 (2.4GHz)	-14.6 dB
M2 (2.5GHz)	-14.7 dB

1. Environmental treatment

NA

2. Antenna configuration



Shenzhen Top-link Technologies Co., Ltd

Project Name :G301

Product Name: WIFI/BT Antenna

Material :Cu:6-8um;Ni:1-3um;Au: 0.05-0.1um,

Unit :mm

Proportion :FIT