
Antenna specification

Antenna band: WiFi 2.4G

Antenna type: **Black male needl**

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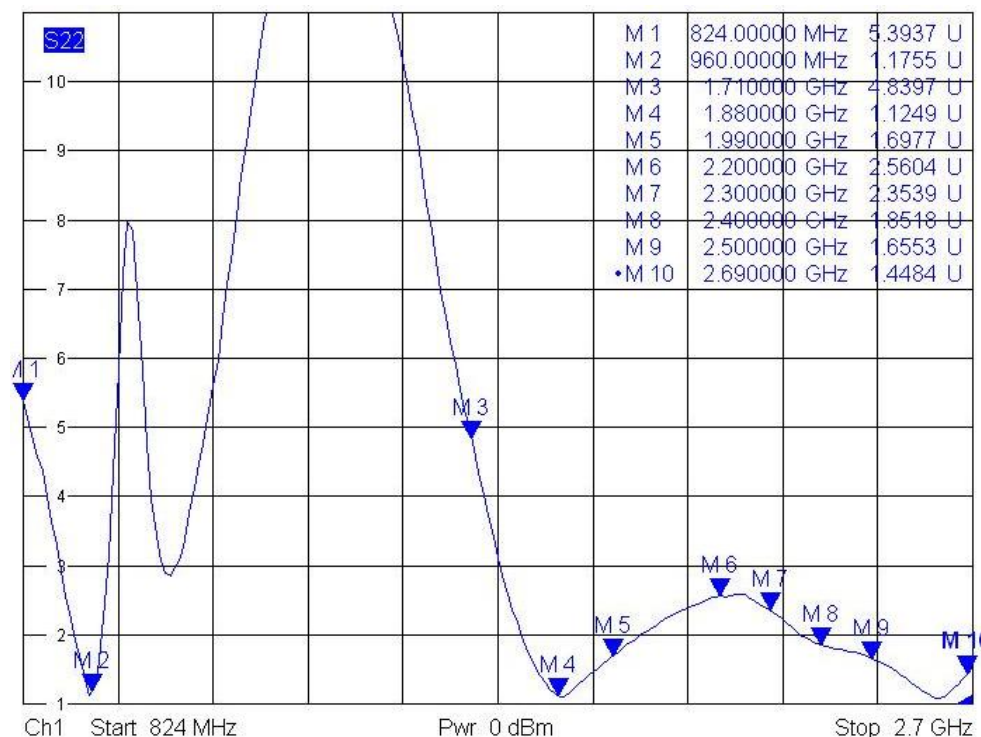
1. Product specification

Antenna Name	Black male needle
Main Electrical Specifications	
Frequency Rang (MHz)	824~960MHz and 1710~2690MHz
VSWR	≤ 2.0
Impedance (Ω)	50 Ω
Polarization	Vertical Polarization
Main Structure Specifications	
Length	109MM
Color	Black

2. Appearance drawing

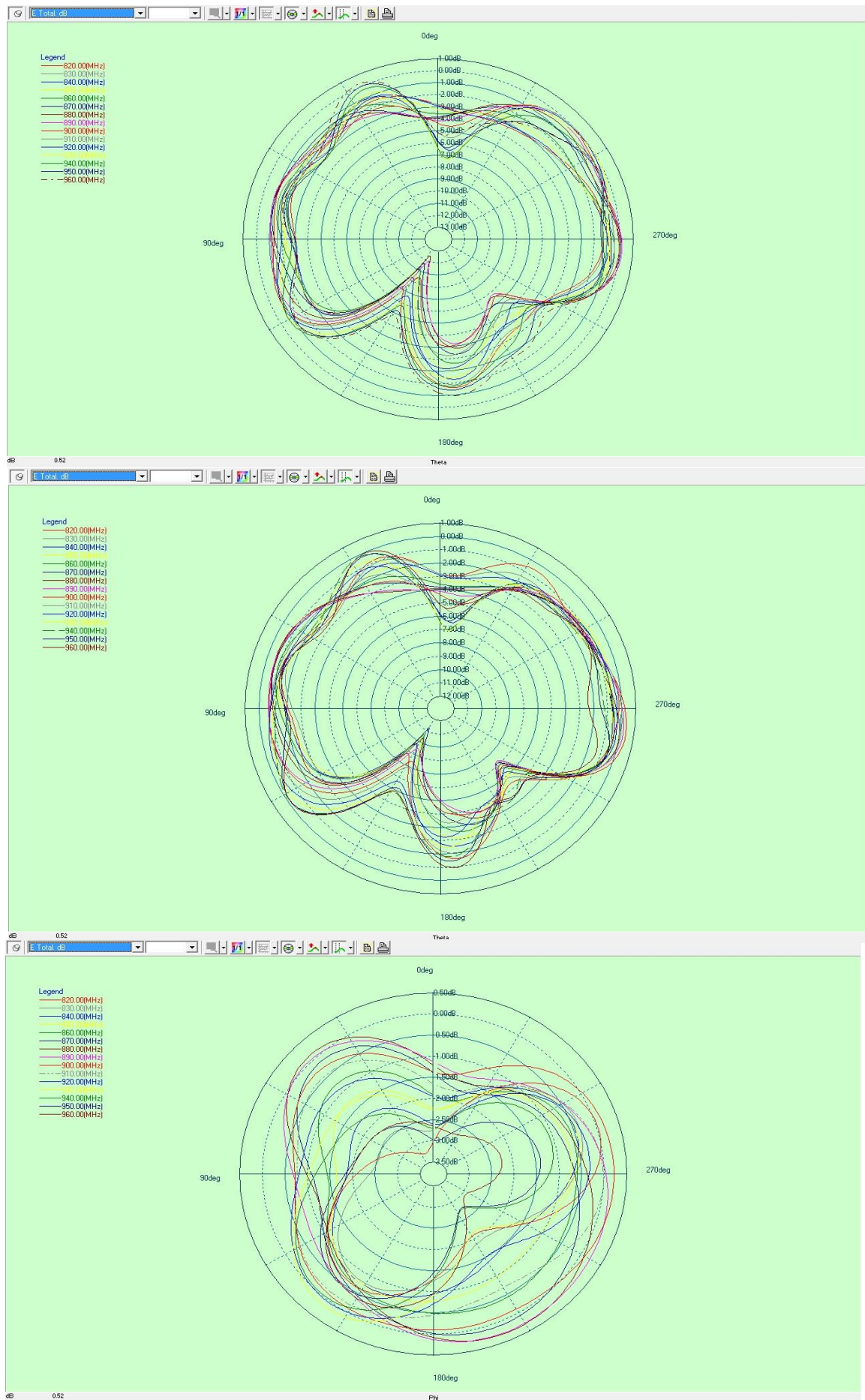


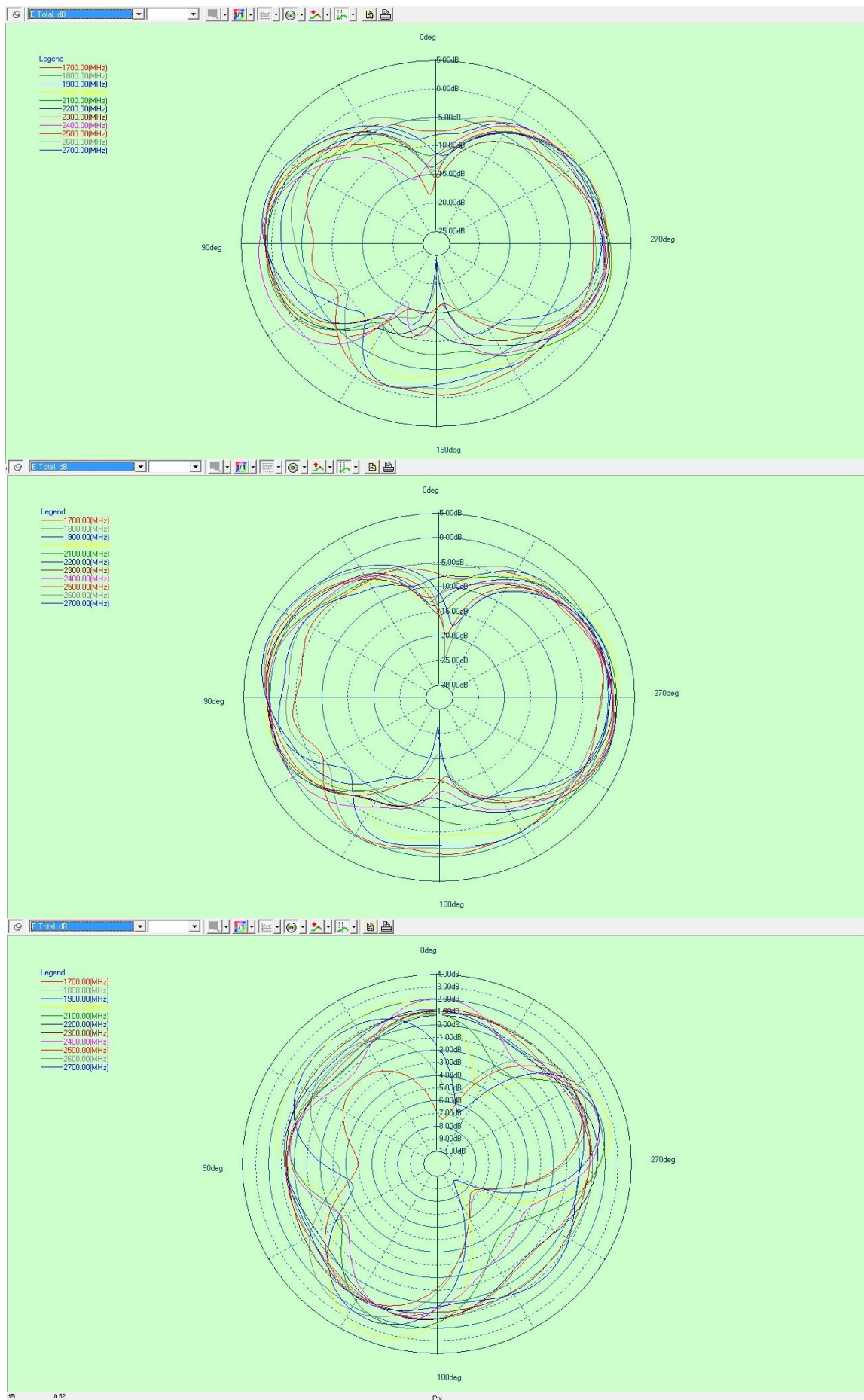
3、Standing-wave pattern



4、Darkroom test data

Frequency	Efficiency	Peak_Gain(dBi)
820	46.18%	0.08
840	46.28%	0.09
860	46.33%	0.18
880	49.28%	0.46
900	52.28%	0.54
920	55.20%	0.54
940	60.20%	0.56
960	60.80%	0.86
1700	48.26%	0.98
1800	50.29%	1.28
1900	52.28%	1.68
2000	59.66%	1.89
2100	64.29%	3.38
2200	66.86%	2.48
2300	71.82%	2.66
2400	72.28%	2.89
2500	72.58%	2.69
2600	71.86%	2.28
2700	70.86%	2.48





5、Engineering drawing

