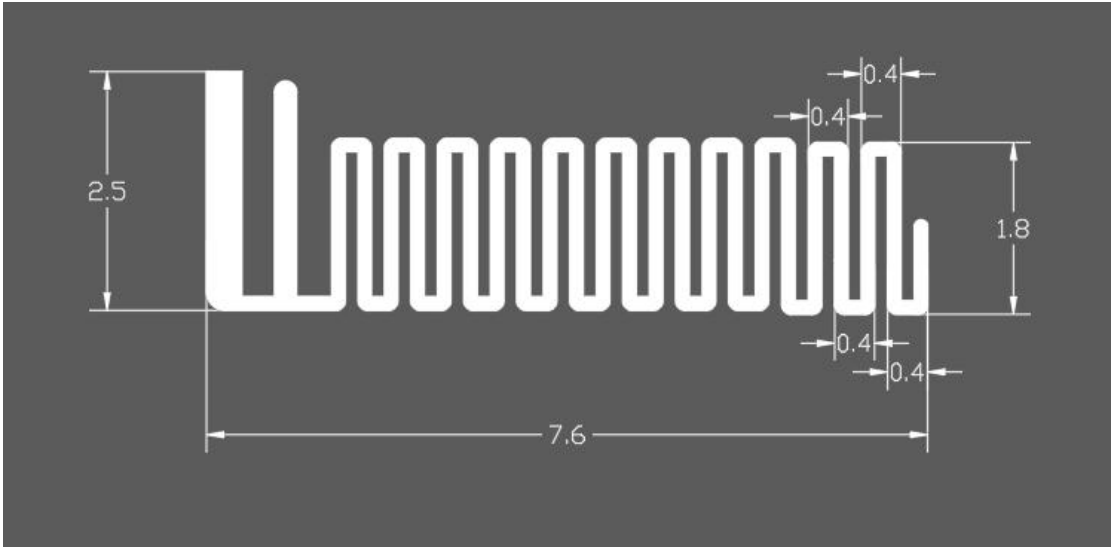


Antenna Specification

Main technical specifications	
Model name	2.4G ANT
Frequency Range (MHz)	2400-2500
Impedance(Ω)	50
MAX.Gain(dBi)	0.06
Polarization	Vertical Polarization
Radiation	Omni-directional
Company name	Guangzhou Xingyi Electronic Technology Co., Ltd.
Company address	The fourth and sixteenth floors of Building 2, Yudong Science and Technology Park, No. 3, Ketai 1st Road, Guangzhou Private Science and Technology Park, Baiyun District, Guangzhou.
Antenna Photo & Length (mm)	
 The image shows a white printed circuit board (PCB) antenna on a dark background. The antenna has a meander line design. Dimensions are indicated with white lines and text: a vertical dimension of 2.5 mm on the left, a horizontal dimension of 7.6 mm at the bottom, and a vertical dimension of 1.8 mm on the right. Several small horizontal dimensions of 0.4 mm are marked at the top and bottom of the meander line segments.	

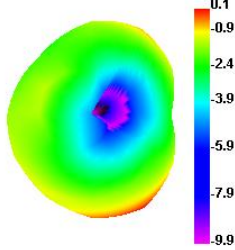
Antenna Test Report

Passive Test For WIFI2.4G								
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)
2400	33.74	-4.72	0.06	-2.09	18.333	15.402	0.06	-19.71
2410	32.9	-4.83	-0.41	-2.56	17.748	15.151	-0.41	-19.65
2420	29.93	-5.24	-0.89	-3.04	16.239	13.695	-0.89	-19.34
2430	27.75	-5.57	-1.45	-3.6	14.948	12.799	-1.45	-19.46
2440	28.2	-5.5	-1.37	-3.52	15.006	13.191	-1.37	-18.91
2450	28.93	-5.39	-1.25	-3.4	15.059	13.871	-1.25	-18.2
2460	27.54	-5.6	-1.42	-3.57	14.063	13.479	-1.42	-17.97
2470	25.93	-5.86	-1.62	-3.77	13.143	12.783	-1.62	-17.77
2480	24.6	-6.09	-2.09	-4.24	12.313	12.282	-2.09	-17.76
2490	24.58	-6.09	-2.11	-4.26	12.256	12.321	-2.11	-17.31
2500	23.49	-6.29	-2.41	-4.56	11.46	12.028	-2.41	-17.57

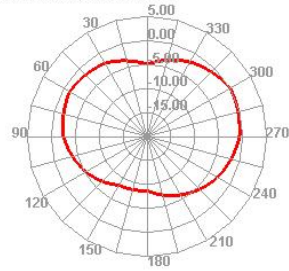
Passive Test For WIFI2.4G				
Freq (MHz)	Directivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	4.78	30	49.6	49.41
2410	4.41	30	49.63	49.41
2420	4.35	30	49.54	49.18
2430	4.11	30	49.73	49.26
2440	4.13	30	49.76	49.45
2450	4.14	0	50.11	49.82
2460	4.18	0	49.99	49.76
2470	4.24	0	49.91	49.66
2480	4	0	49.81	49.6
2490	3.99	0	49.85	49.59
2500	3.88	0	49.64	49.49

Anechoic Chamber 2D 、3DRaditation Pattern

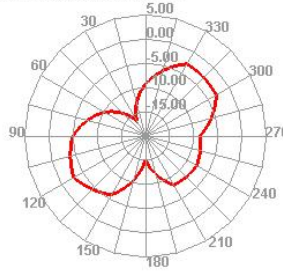
2400.000MHz



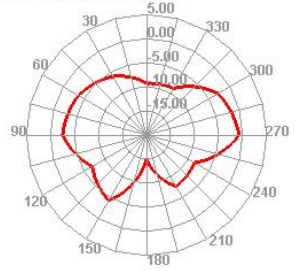
2400.000MHz H



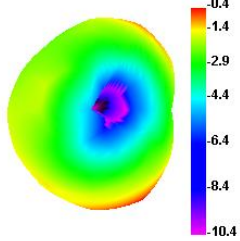
2400.000MHz E1



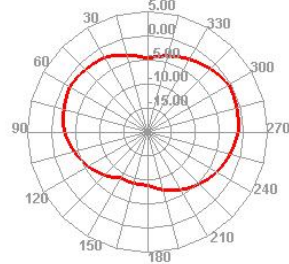
2400.000MHz E2



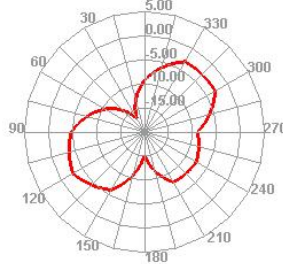
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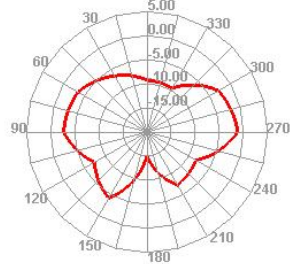
2410.000MHz H



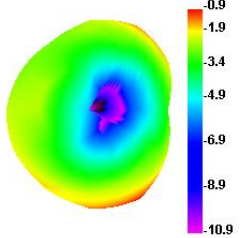
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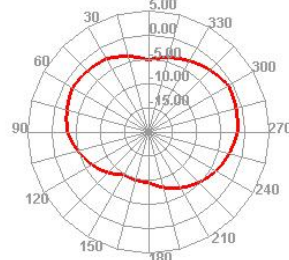
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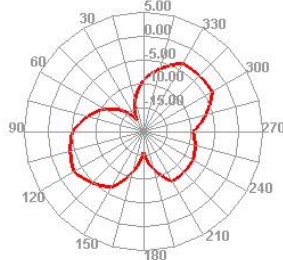
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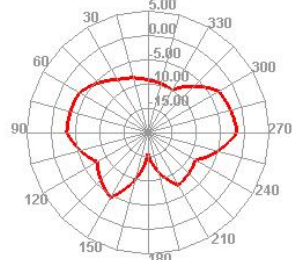
2420.000MHz H



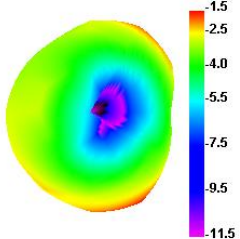
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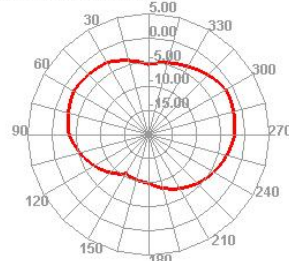
2420.000MHz E2



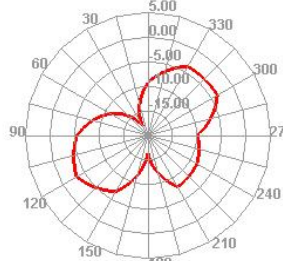
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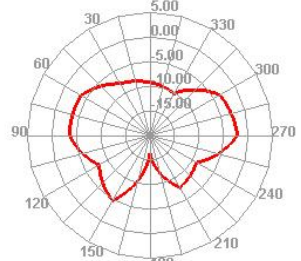
2430.000MHz H



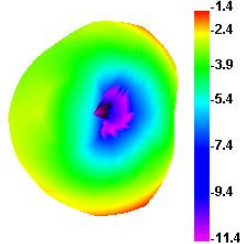
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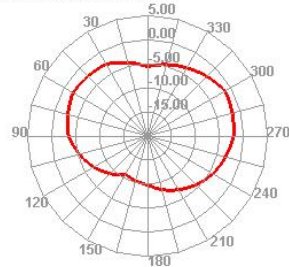
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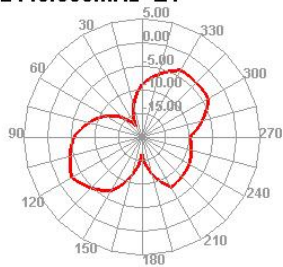
2440.000MHz



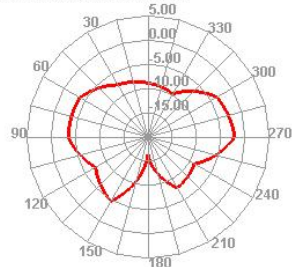
2440.000MHz H



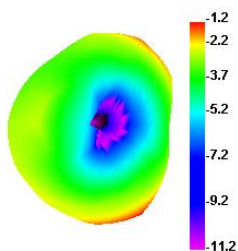
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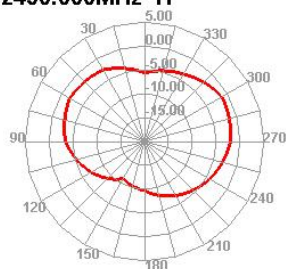
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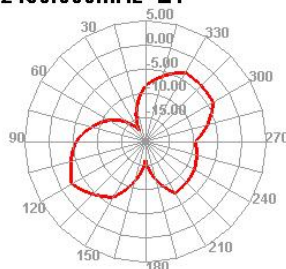
2450.000MHz



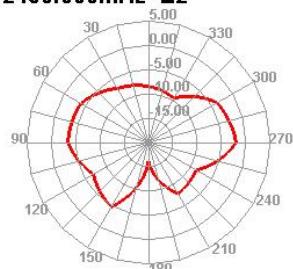
2450.000MHz H



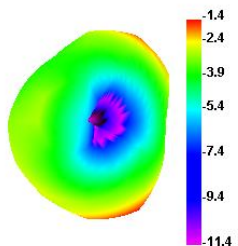
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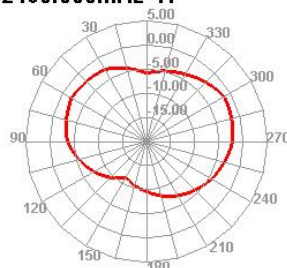
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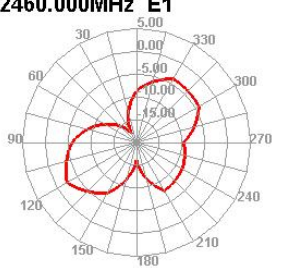
2460.000MHz



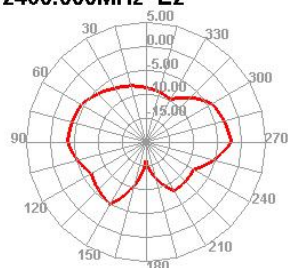
2460.000MHz H



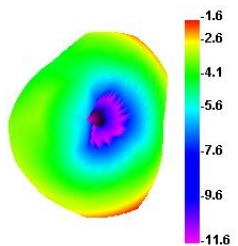
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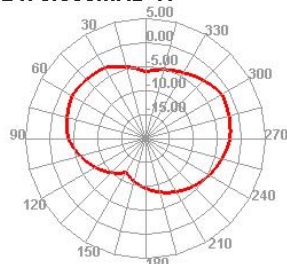
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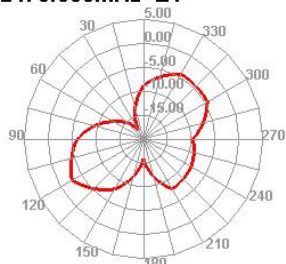
2470.000MHz



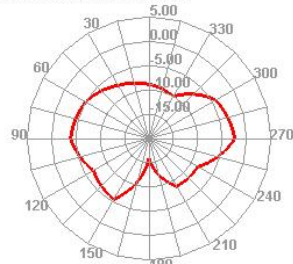
2470.000MHz H



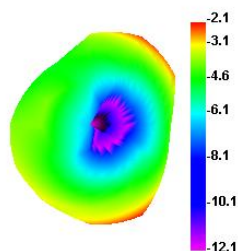
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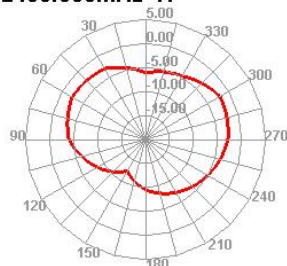
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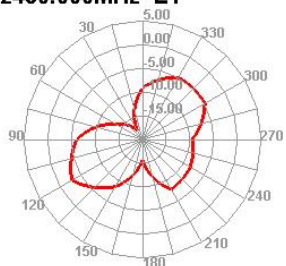
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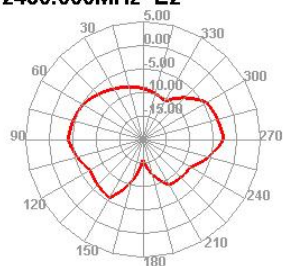
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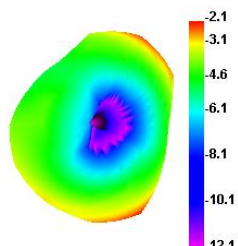
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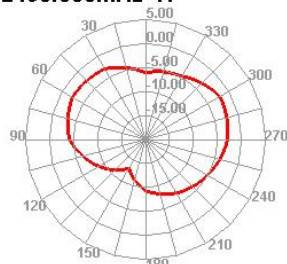
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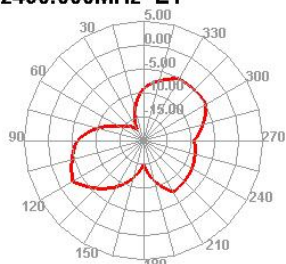
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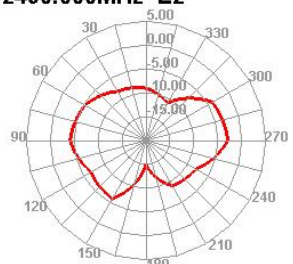
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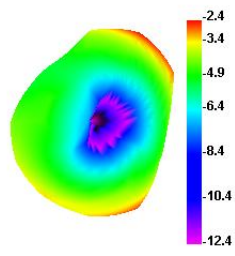
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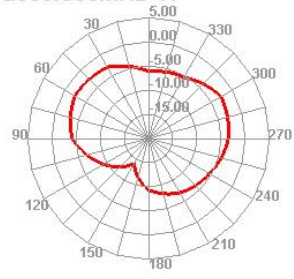
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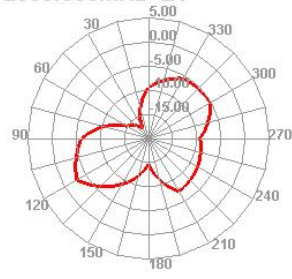
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

