

Antenna Specification

Main technical specifications	
Model name	2.4G ANT
Frequency Range (MHz)	2400-2500
Impedance(Ω)	50
MAX.Gain(dBi)	0.93
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)	
	

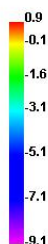
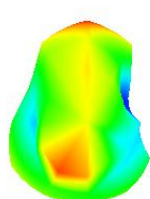
Antenna Test Report

Passive Test For WIFI2.4G								
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)
2400	33.15	-4.79	0.93	-1.22	17.838	15.314	0.93	-23.48
2410	31.39	-5.03	0.44	-1.71	16.738	14.656	0.44	-22.81
2420	30.01	-5.23	0.19	-1.96	15.898	14.113	0.19	-23.52
2430	27.85	-5.55	-0.03	-2.18	14.479	13.369	-0.03	-24.01
2440	27.42	-5.62	-0.06	-2.21	14.126	13.291	-0.06	-25.09
2450	27.5	-5.61	0.05	-2.1	14.083	13.418	0.05	-24.92
2460	28.13	-5.51	0.25	-1.9	14.363	13.764	0.25	-24.59
2470	28.35	-5.47	0.17	-1.98	14.414	13.938	0.17	-24.33
2480	27.07	-5.67	0.07	-2.08	13.665	13.406	0.07	-23.4
2490	26.24	-5.81	-0.08	-2.23	13.276	12.961	-0.08	-22.67
2500	24.05	-6.19	-0.32	-2.47	12.155	11.891	-0.32	-22.81

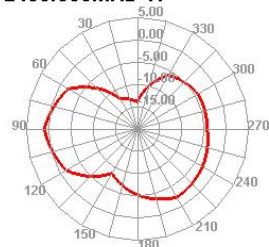
Passive Test For WIFI2.4G			
Directivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
5.72	30	49.6	49.41
5.47	30	49.63	49.41
5.41	30	49.54	49.18
5.52	30	49.73	49.26
5.56	30	49.76	49.45
5.66	30	50.11	49.82
5.76	30	49.99	49.76
5.65	30	49.91	49.66
5.75	0	49.81	49.6
5.73	0	49.85	49.59
5.87	0	49.64	49.49

Anechoic Chamber 2D 、3DRaditation Pattern

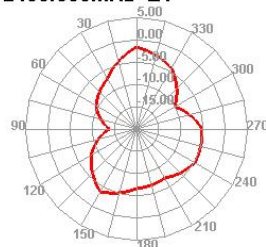
2400.000MHz



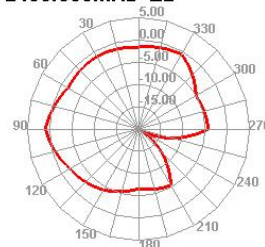
2400.000MHz H



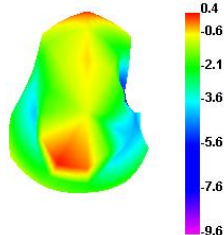
2400.000MHz E1



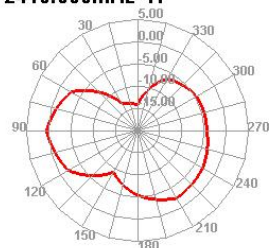
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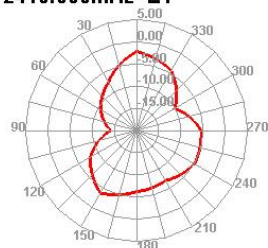
2410.000MHz



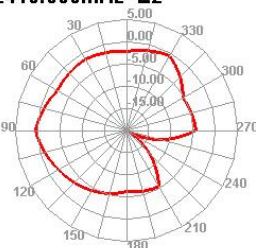
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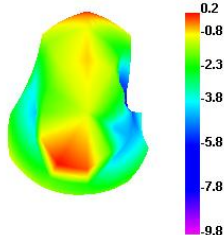
2410.000MHz E1



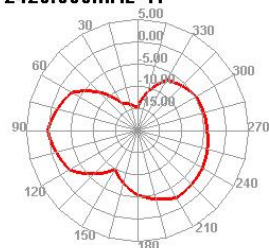
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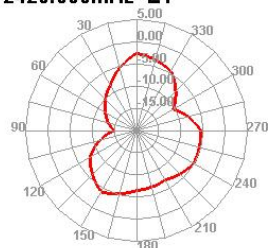
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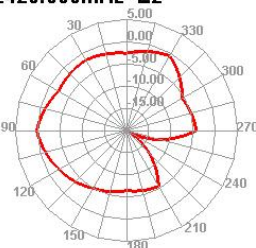
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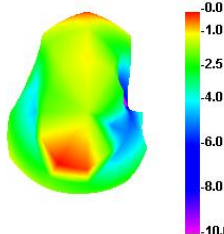
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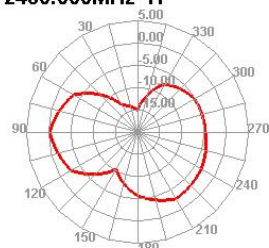
2420.000MHz E2



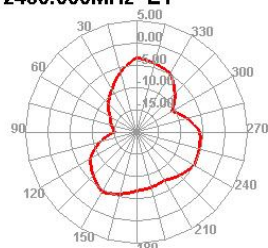
2430.000MHz



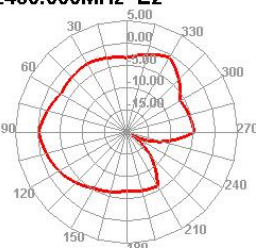
2430.000MHz H



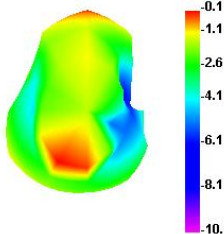
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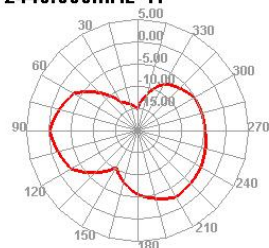
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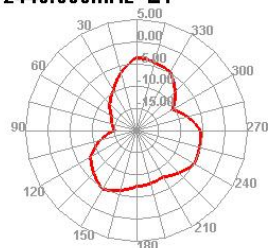
2440.000MHz



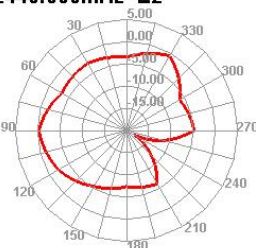
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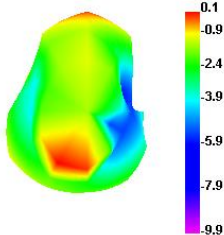
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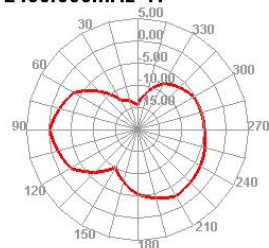
2440.000MHz E2



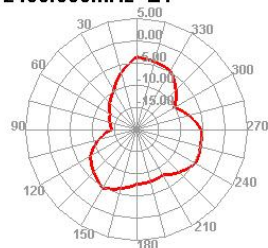
2450.000MHz



2450.000MHz H



2450.000MHz E1



2450.000MHz E2

