

东莞市森泰电子有限公司

Dongguan MiaoTEC Electronics Co.,Ltd.

Chip antenna

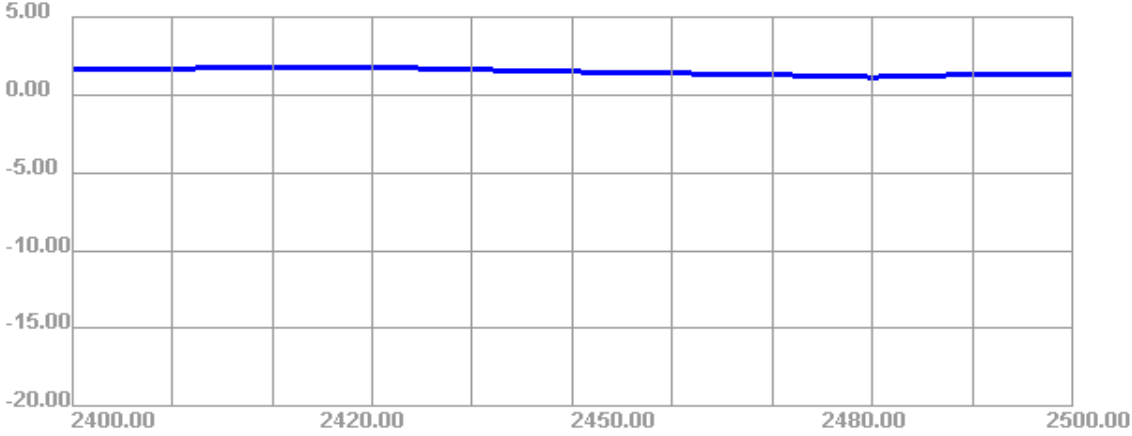
电气参数 Electrical Specifications		
频率范围 Frequency range (MHz)	2.4-2.5GHz	5.15-5.85GHz
带宽 Bandwidth (MHz)	100MHz	70MHz
增益 Gain (dBi)	1dBi	2dBi
半功率波瓣宽度 Half-power beam width(°)	H:360	V:14
电压驻波比 VSWR	≤2.0	
输入阻抗 Input Impedance(Ω)	50	
极化方式 Polarization	线极化	
最大功率 Maximum input power (W)	2	
雷电保护 Lightning protection	直流接地 DC Ground	
接头型号 Input connector type	1.13IPEX	
机械参数 Mechanical Specifications		
天线尺寸 Dimensions (mm)	L5*W3mm	
天线重量 Antenna weight (kg)	0.3g	
工作温度 Operating temperature (°C)	~40-55	
天线颜色 Antenna color	N/A	
		

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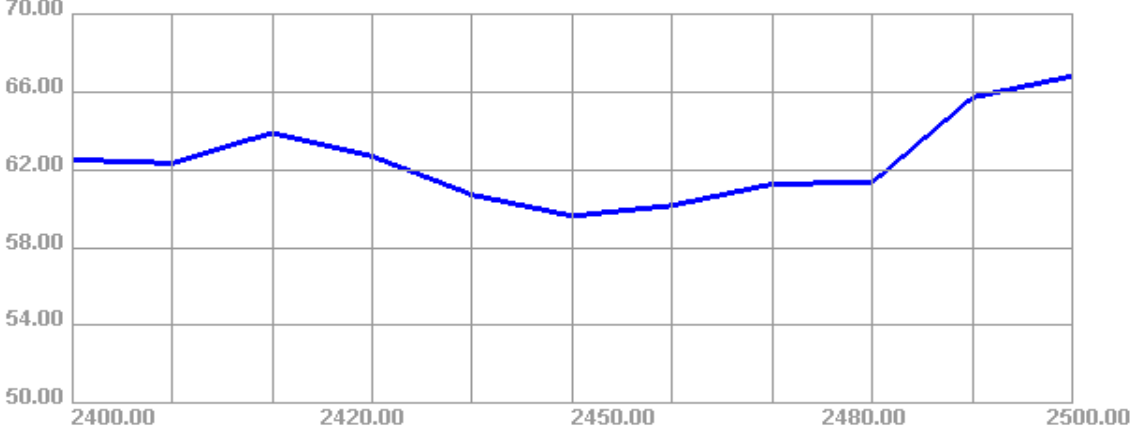
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Passive Test For WIFI2400										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	Directivity (dBi)	Beamwidth (3dB)
2400	62.51	-2.04	1.61	-0.54	32.554	29.958	1.61	-13	3.65	30
2410	62.34	-2.05	1.66	-0.49	31.967	30.372	1.66	-12.16	3.71	30
2420	63.89	-1.95	1.8	-0.35	32.254	31.638	1.8	-11.29	3.75	30
2430	62.69	-2.03	1.77	-0.38	31.174	31.515	1.77	-10.6	3.79	120
2440	60.71	-2.17	1.61	-0.54	29.81	30.899	1.61	-10.28	3.78	120
2450	59.63	-2.25	1.48	-0.67	28.967	30.66	1.48	-10.23	3.73	30
2460	60.16	-2.21	1.38	-0.77	28.998	31.166	1.38	-10.34	3.59	30
2470	61.26	-2.13	1.28	-0.87	29.212	32.053	1.28	-10.7	3.41	60
2480	61.35	-2.12	1.13	-1.02	28.796	32.558	1.13	-11.06	3.25	60
2490	65.71	-1.82	1.29	-0.86	30.206	35.505	1.29	-10.98	3.12	60
2500	66.81	-1.75	1.27	-0.88	30.073	36.738	1.27	-10.82	3.02	60

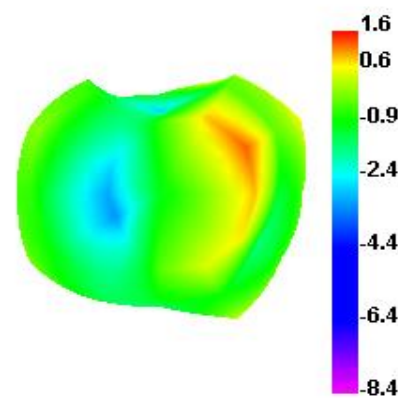
2400.00MHz - 2500.00MHz Gain



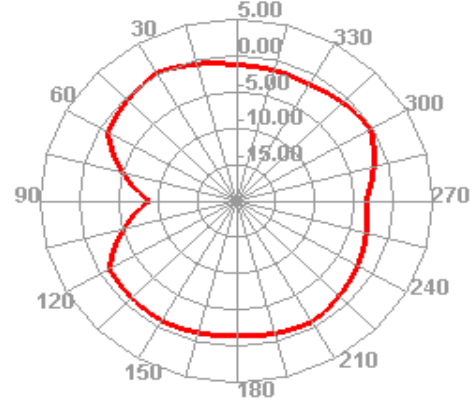
2400.00MHz - 2500.00MHz Efficiency



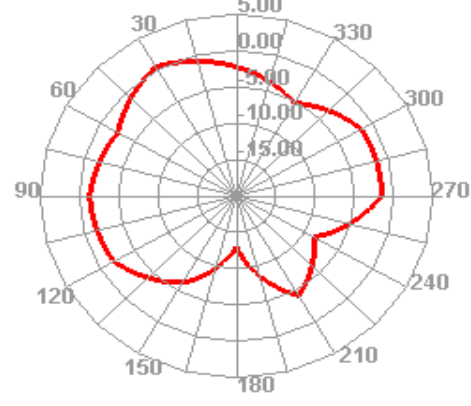
2400.000MHz



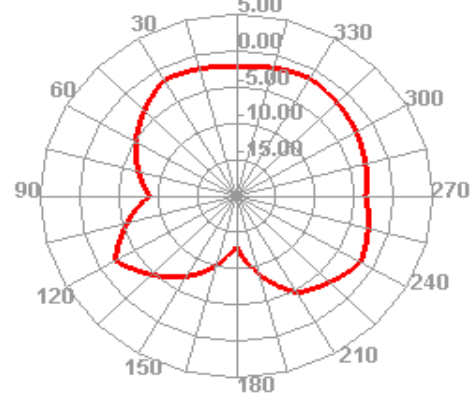
2400.000MHz H



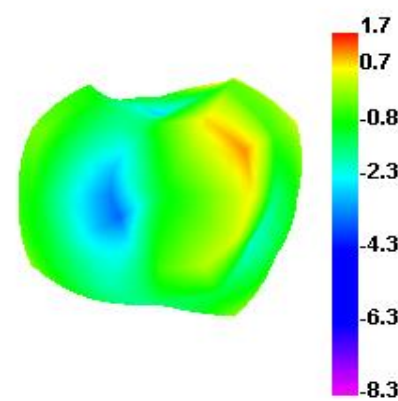
2400.000MHz E1



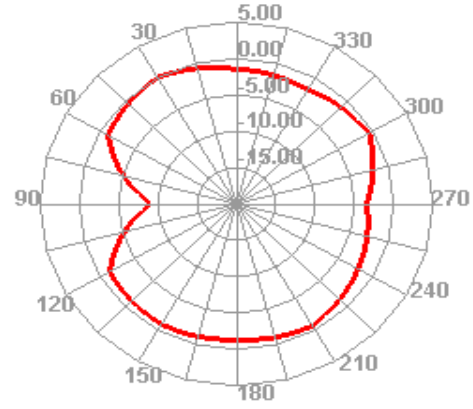
2400.000MHz E2



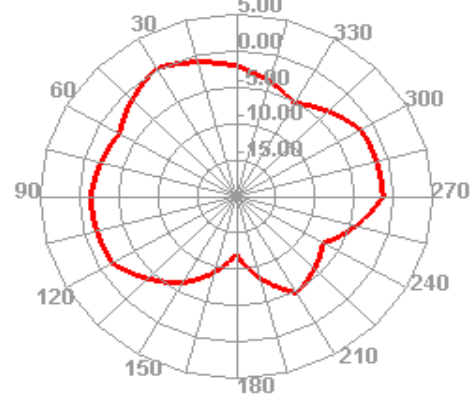
2410.000MHz



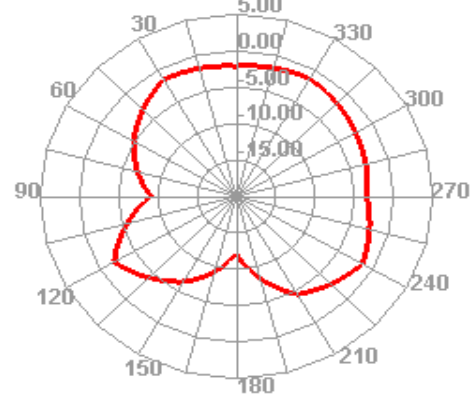
2410.000MHz H



2410.000MHz E1

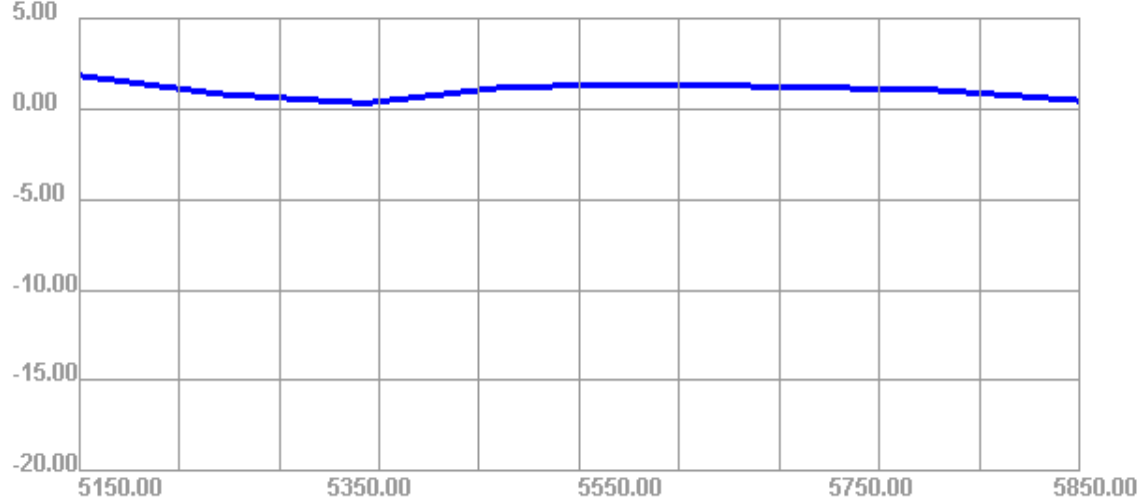


2410.000MHz E2

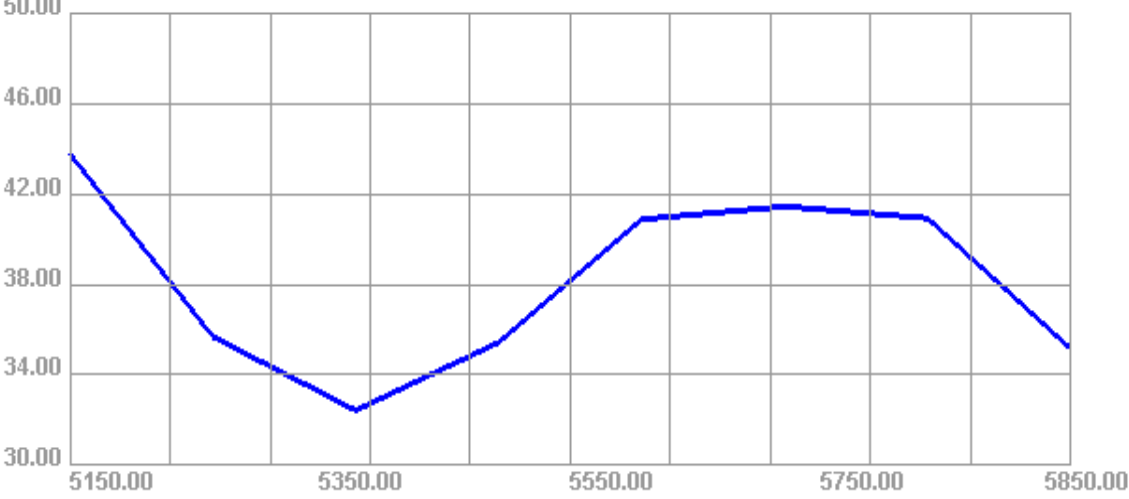


Passive Test For WIFI-5G										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	Directivity (dBi)	Beamwidth (3dB)
5150	43.77	-3.59	1.83	-0.32	26.607	17.162	1.83	-15.26	5.42	60
5250	35.69	-4.47	0.81	-1.34	21.348	14.342	0.81	-15.16	5.28	60
5350	32.43	-4.89	0.31	-1.84	18.864	13.567	0.31	-18.24	5.2	90
5450	35.45	-4.5	1.21	-0.94	21.424	14.026	1.21	-18.44	5.71	60
5550	40.88	-3.88	1.35	-0.8	24.811	16.07	1.35	-22.05	5.23	60
5650	41.45	-3.82	1.21	-0.94	24.395	17.056	1.21	-17.25	5.03	60
5750	40.93	-3.88	1.03	-1.12	23.579	17.349	1.03	-17.35	4.91	120
5850	35.16	-4.54	0.46	-1.69	20.197	14.966	0.46	-14.91	5	90

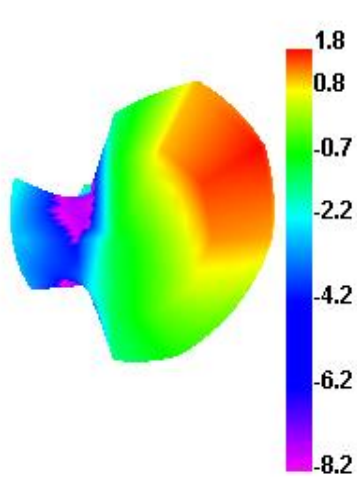
5150.00MHz - 5850.00MHz Gain



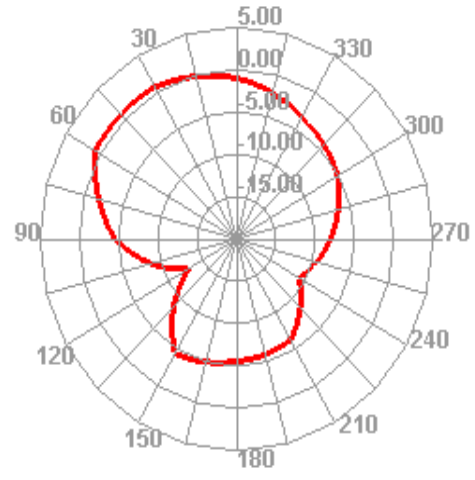
5150.00MHz - 5850.00MHz Efficiency



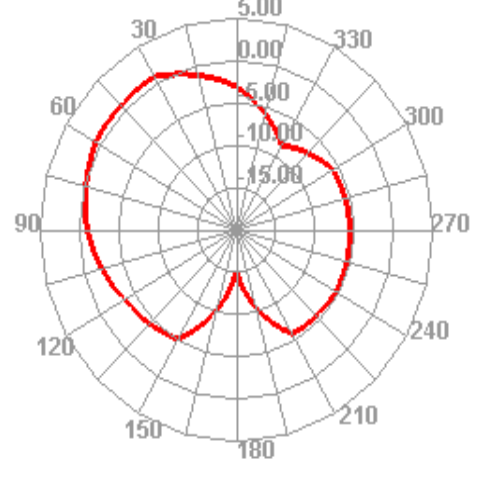
5150.000MHz



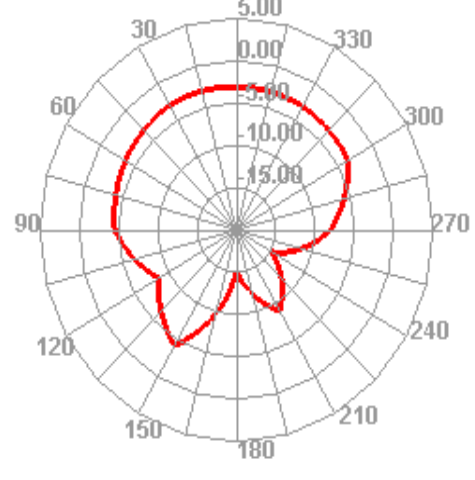
5150.000MHz H



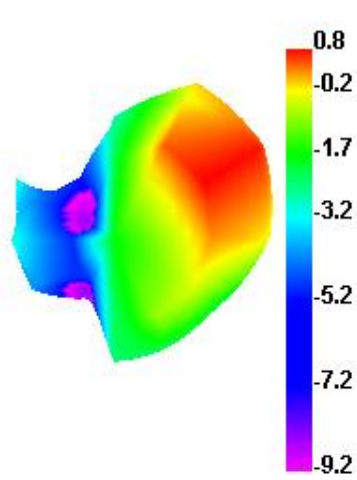
5150.000MHz E1



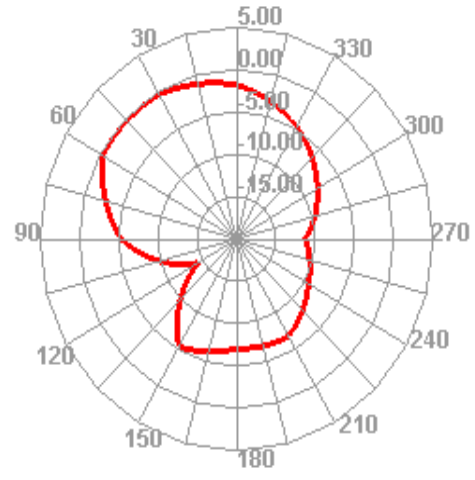
5150.000MHz E2



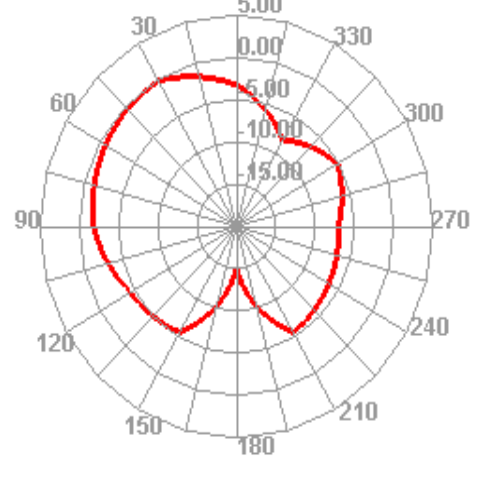
5250.000MHz



5250.000MHz H



5250.000MHz E1



5250.000MHz E2

