

Antenna Product Specification

Entry Name	M8
FrequencyChannel	WIFI:2.4~2.48GHz 5.15~5.8GHz / GPS:1.575GHz BT:2402MHz~2480MHz
Antenna type	PIFA Antenna
Supplier Name	Dongguan Yijia Electronics Communication Science&Technology Co., Ltd

1. Antenna location



2. Frequency Channel of antenna

Antenna	WIFI/2.4~2.48GHz 5.15~5.8GHz / GPS 1.575GHz BT/2402MHz ~2480MHz
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3.WIFI/2.4-5.8G/GPS Efficiency and Gain

Freq(MHz)	Effi (%)	Effi (dB)	Gain(dBi)
2400	31.5	-5.0	-0.2
2410	32.3	-4.9	1.0
2420	32.6	-4.9	-0.4
2430	32.4	-4.9	-0.7
2440	32.8	-4.8	-0.7
2450	36.1	-4.4	1.0
2460	35.7	-4.5	-0.5
2470	36.2	-4.4	-0.5
2480	35.9	-4.5	-0.5
2490	36.2	-4.4	1.0
2500	35.0	-4.6	-0.6
5150	24.0	-6.2	-0.2
5200	29.1	-5.4	0.7
5250	32.8	-4.8	0.5
5300	34.6	-4.6	0.6
5350	31.8	-5.0	0.7
5400	28.3	-5.5	0.4
5450	27.3	-5.6	0.4
5500	28.2	-5.5	0.7
5550	26.5	-5.8	-0.1
5600	27.9	-5.5	0.4
5650	37.1	-4.3	0.7
5700	35.0	-4.6	0.6
5750	32.4	-4.9	0.7
5800	26.6	-5.8	-0.1
5850	24.3	-6.1	-0.2

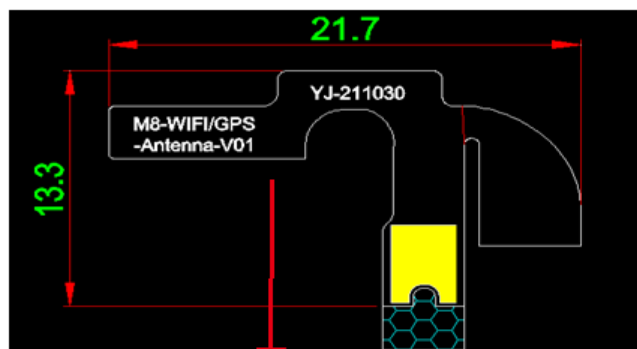
Freq(MHz)	Effi (%)	Effi (dB)	Gain(dBi)
1570	40	-3.9	-0.3
1571	39.9	-3.9	-0.3
1572	40	-3.9	-0.2
1573	40	-3.9	0.4
1574	40	-3.9	0.5
1575	39.9	-3.9	0.5
1576	39.9	-3.9	0.2
1577	39.9	-3.9	0.1
1578	39.8	-3.9	0.3
1579	39.9	-3.9	0.7
1580	39.9	-3.9	0.6

4.antenna:

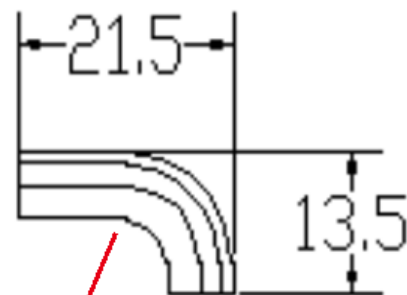
Antenna type: PIFA Antenna

Manufacturers: Yijia Electronic Communication

Dimension:



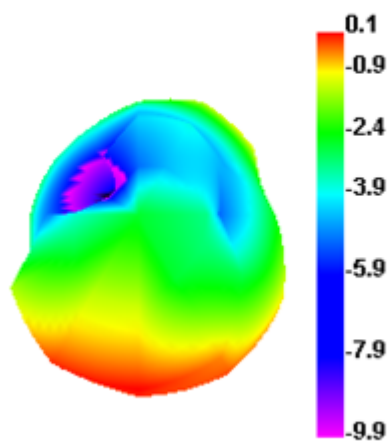
FPC



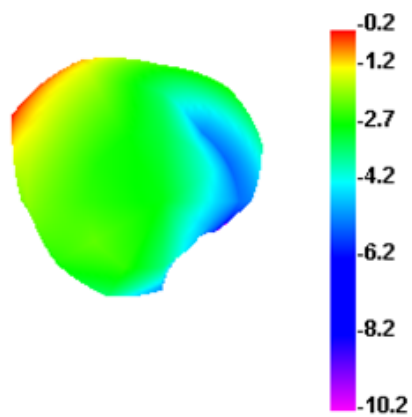
Metal frame antenna

5. 3D Directional Pattern

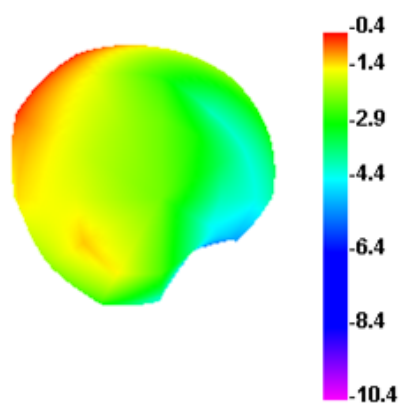
1575.000MHz



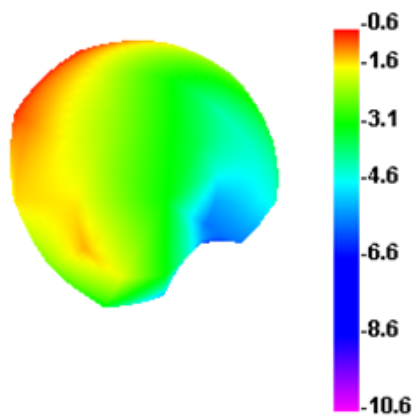
2400.000MHz



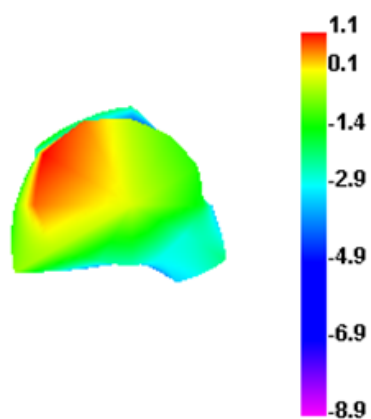
2450.000MHz



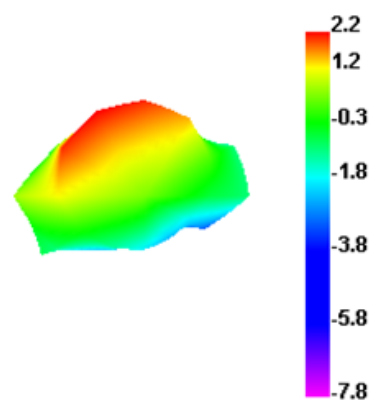
2500.000MHz



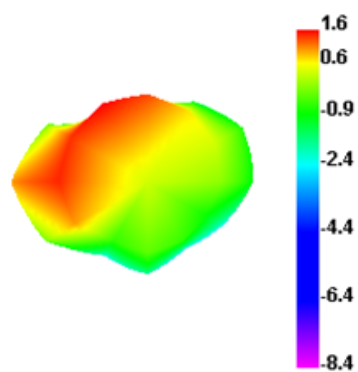
5150.000MHz



5500.000MHz



5750.000MHz



5850.000MHz

