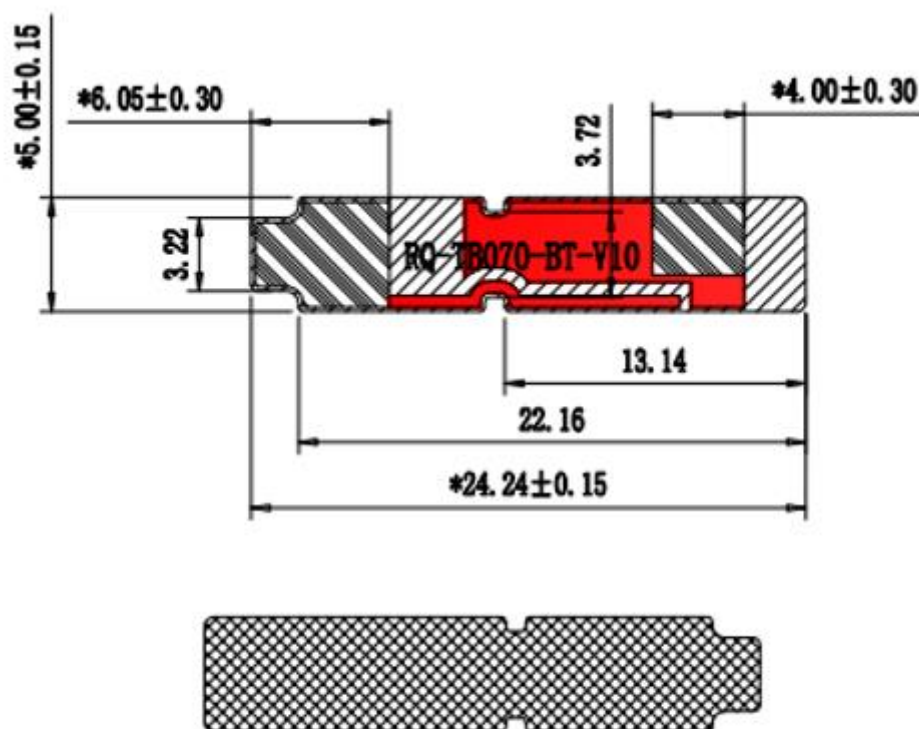


Antenna Type: FPC Antenna

Antenna Size: 2.4cm(L)*0.5cm(W)

Antenna Manufacture: Shenzhen Ruiqiang Communication Co., LTD.

Antenna Model Number: BT-FPC-V1.0



Red is the copper part



Blank for the substrate



The yellow part is the gold-plated area



Blue is the adhesive area

ELECTRICAL CHARACTERISTICS(L)

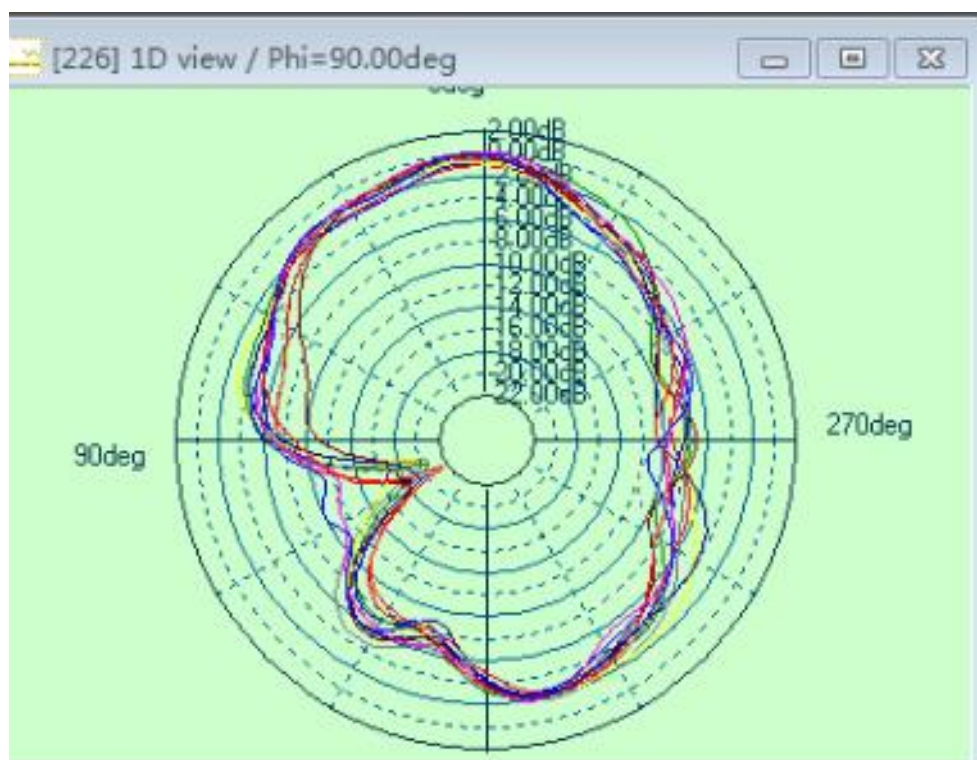
Frequency Range	2402 MHz ~ 2480MHz
Peak Gain	0.89
AVG Gain	0.39
Impedance	50 Ω

ELECTRICAL CHARACTERISTICS(R)

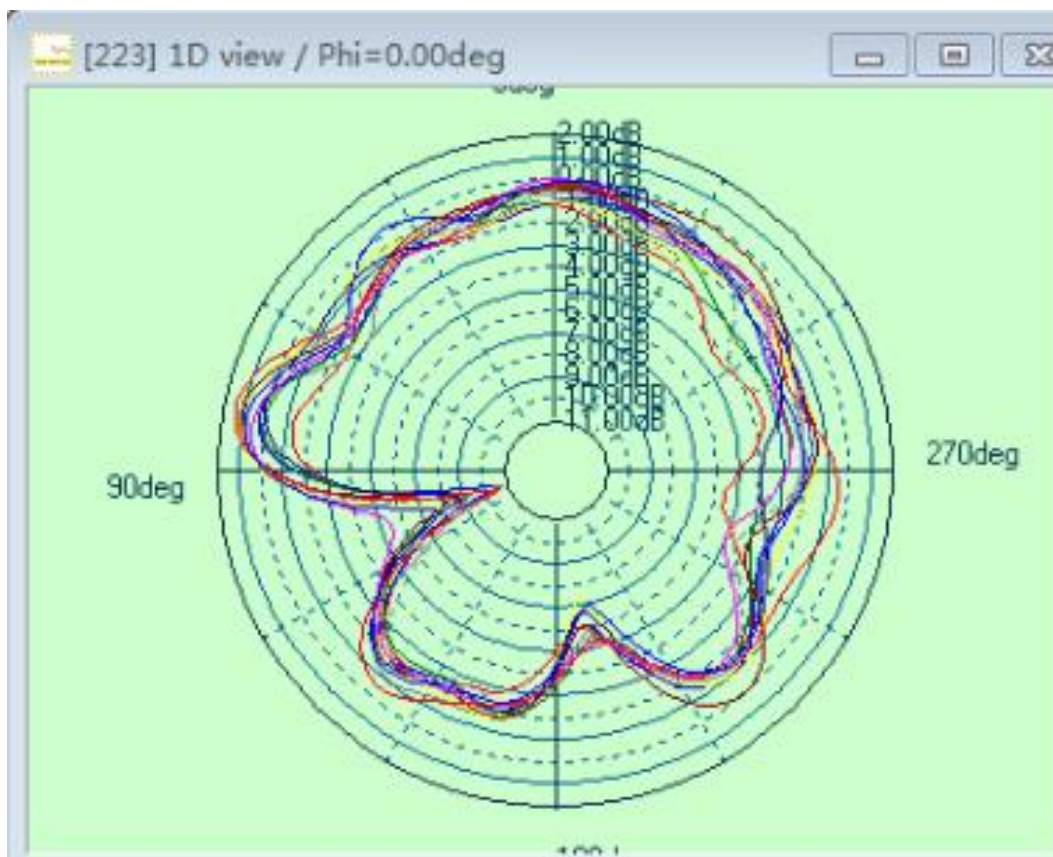
Frequency Range	2402 MHz ~ 2480MHz
Peak Gain	1.41
AVG Gain	0.77
Impedance	50 Ω

R

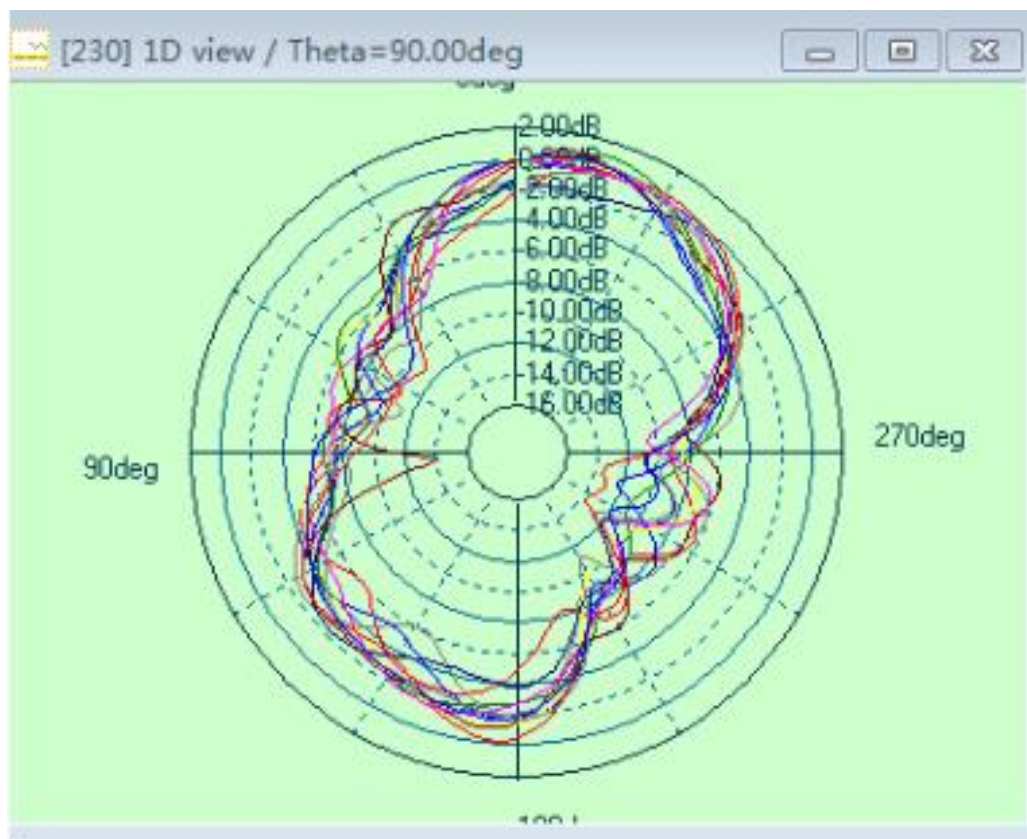
Radiation pattern: $\Phi=90^\circ$



Radiation pattern: $\Phi=0^\circ$

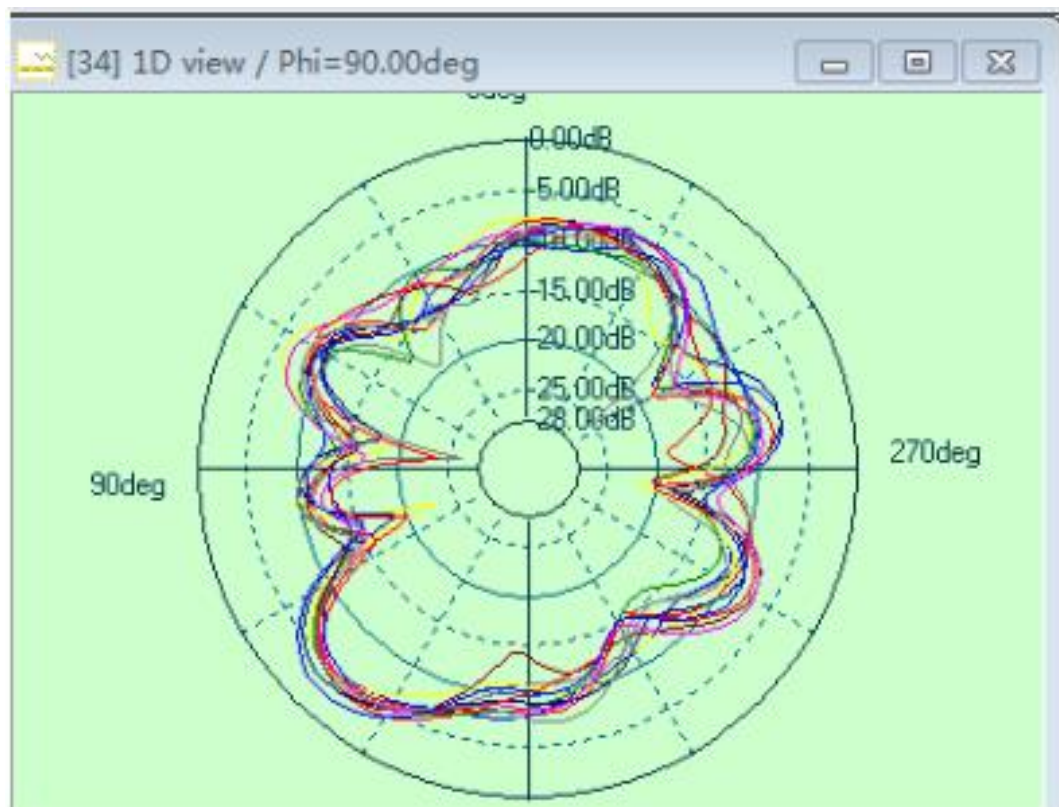


Radiation pattern: $\theta=90^\circ$

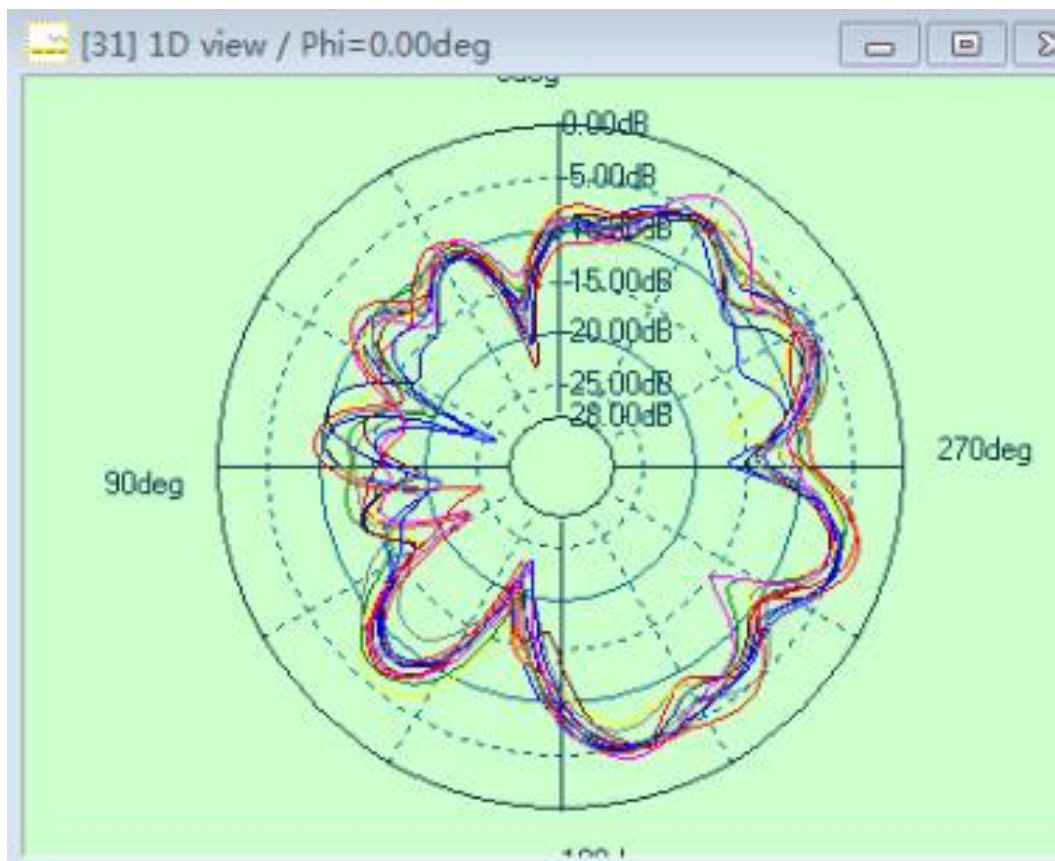


L

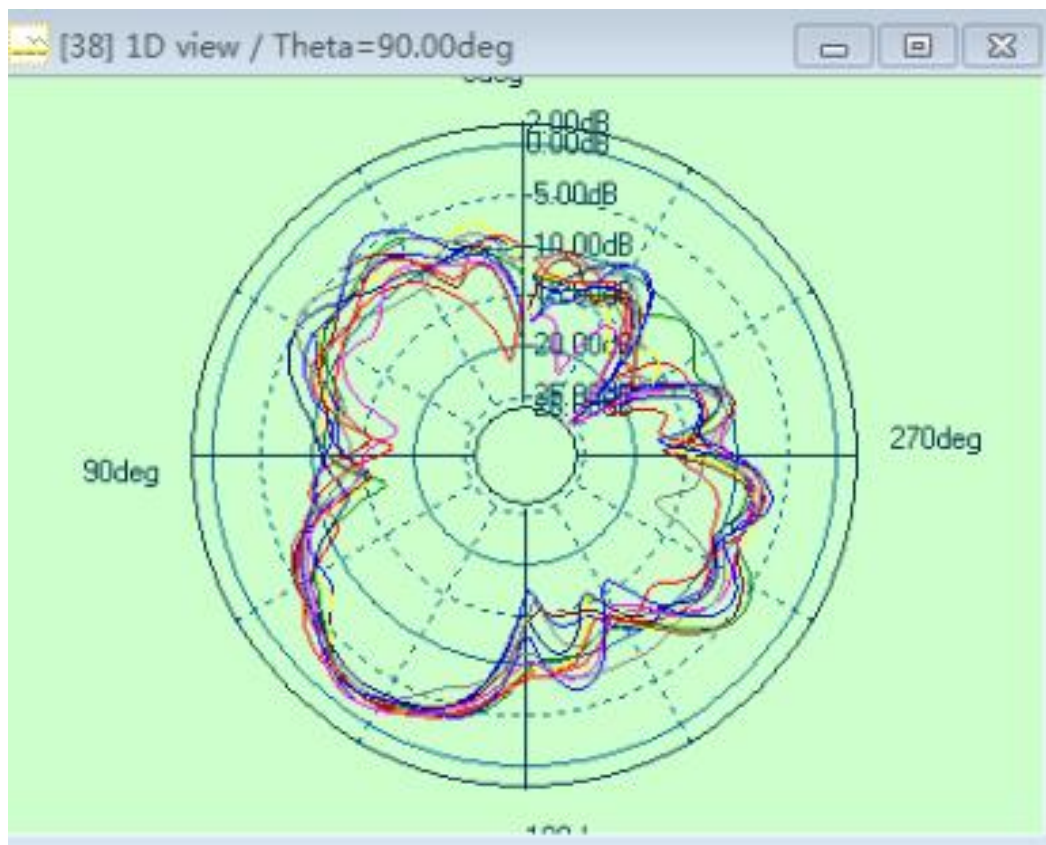
Radiation pattern: $\Phi=90^\circ$



Radiation pattern: $\Phi=0^\circ$



Radiation pattern: theta=90°



Left			
frequency (MHz)	efficiency (%)	efficiency (dB)	Gain (dB)
2400	42.67	-3.70	0.89
2410	41.64	-3.80	0.28
2420	39.14	-4.07	0.33
2430	38.48	-4.15	0.53
2440	38.51	-4.14	0.89
2450	34.94	-4.57	0.52
2460	34.51	-4.62	-0.09
2470	37.00	-4.32	0.40
2480	32.87	-4.83	-0.24
AVG	37.75	-4.25	0.39

Right			
frequency (MHz)	efficiency (%)	efficiency (dB)	Gain (dB)
2400	39.54	-4.03	0.07

2410	43.92	-3.57	0.35
2420	42.57	-3.71	0.73
2430	45.90	-3.38	1.19
2440	42.73	-3.69	1.01
2450	43.37	-3.63	0.33
2460	47.58	-3.23	1.32
2470	44.50	-3.52	0.56
2480	46.43	-3.33	1.41
AVG	44.06	-3.57	0.77