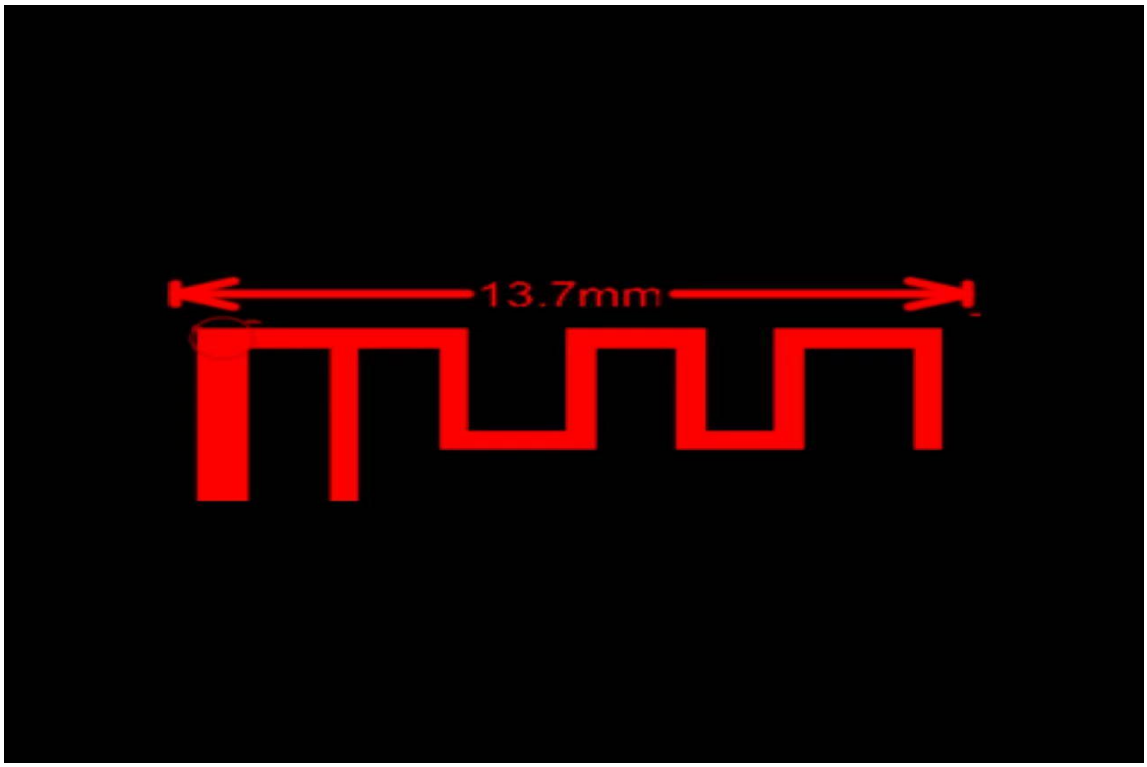
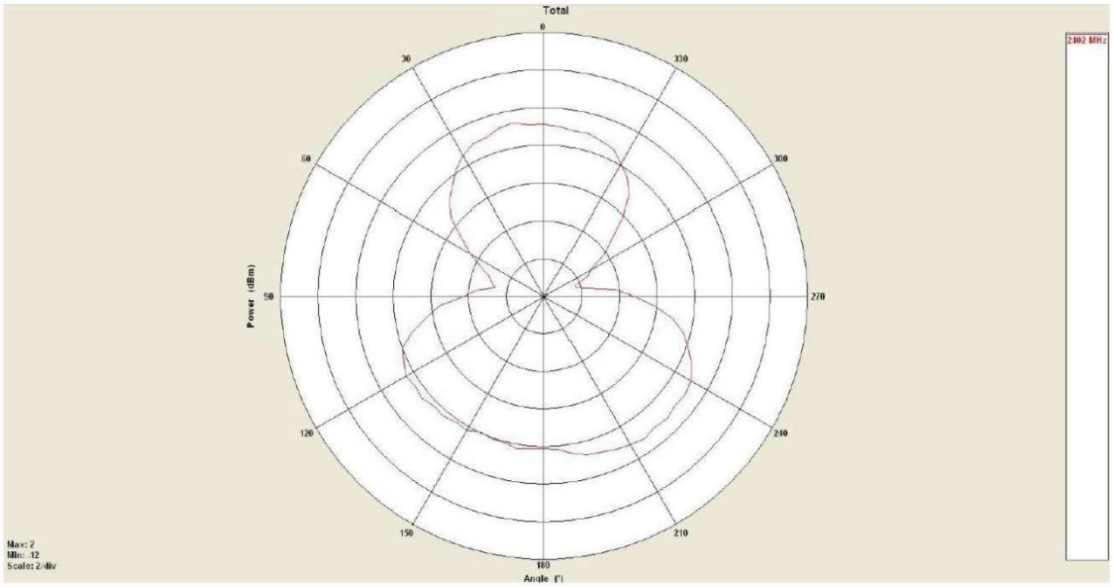
FL-V4
Antenna describe

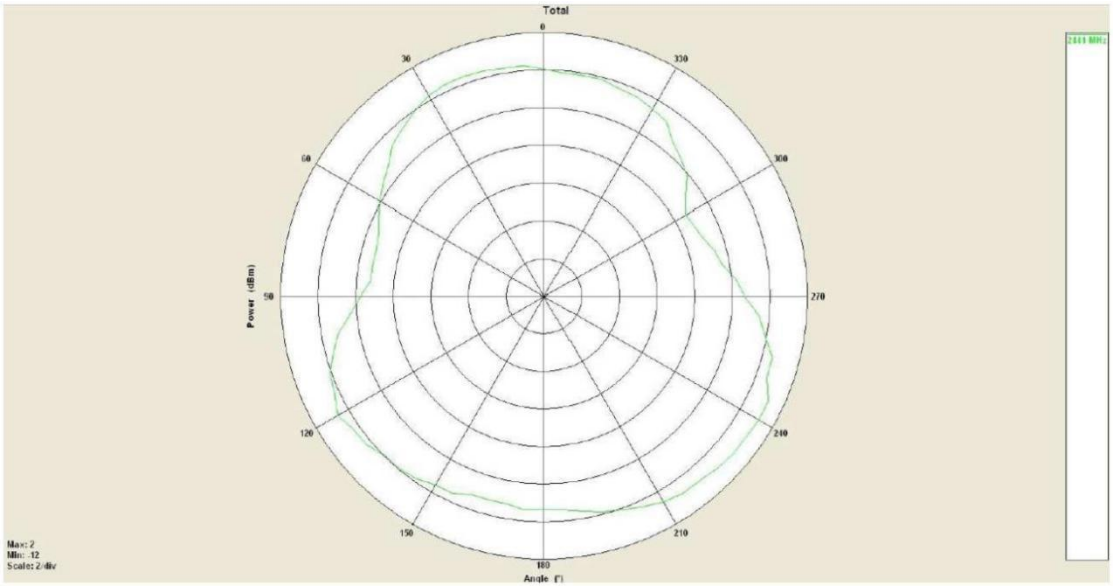
Note:PCB antenna

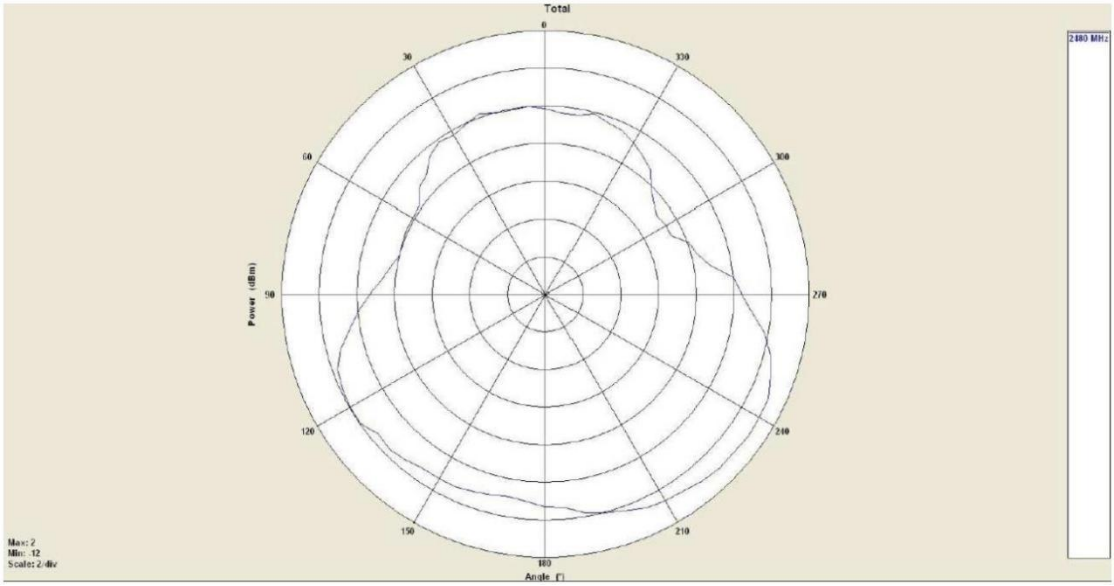
Antenna plate	PCB antenna
Model name	FL-V4
Antenna gain	1.13dBi
Frequecy range	2402MHZ- 2480MHZ
Connector type	Direct



Model	FL-V4						
Test/Plsition	2D FS Gain						
Frequency	2402	2441	2480				
Ant.Port Input Pwr.(dBm)	0	0	0				
Tot.Rad.Pwr.(dBm)	-2.28	-0.41	-1.13				
Peak EIRP(dBm)	-1.73	0.40	0.45				
Directivity(dBi)	1.74	1.64	2.44				
Efficiency(dB)	-4.47	-0.51	-1.34				
Gain(dBi)	-2.73	1.13	1.10				
Front/Back Ratio(dB)	0.82	3.11	4.98				
Beamwidth(°)	94.00	126.00	128.00				
+Beamwidth(°)	41.00	36.00	39.00				
-Beamwidth(°)	53.00	90.00	90.00				
Boresight Angle(°)	10.00	240.00	235.00				
Maximum Power(dBm)	-2.73	1.13	1.10				
Minimum Power(dBm)	-10.30	-3.38	-4.81				
Average Power(dBm)	-4.43	-0.50	-1.36				
Max/Min Ratio(dB)	7.57	4.51	5.91				
Max/Avg Ratio(dB)	1.70	1.63	2.46				
Min/Avg Ratio(dB)	-5.87	-2.78	-3.45				
Average Gain(dB)	-4.47	-0.51	-1.34				
NOTE							


Total
0
30
330
60
300
90
270
120
240
150
210
180
Power (dBm)
Angle (°)
2402 MHz
Max: 2
Min: -12
Scale: 2/div


Total
0
30
330
60
300
90
270
120
240
150
210
180
Power (dBm)
Angle (°)
2441 MHz
Max: 2
Min: -12
Scale: 2/div


Total
0
30
330
60
300
90
270
120
240
150
210
180
Power (dBm)
Angle (°)
2480 MHz
Max: 2
Min: -12
Scale: 2/div

SULONG

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