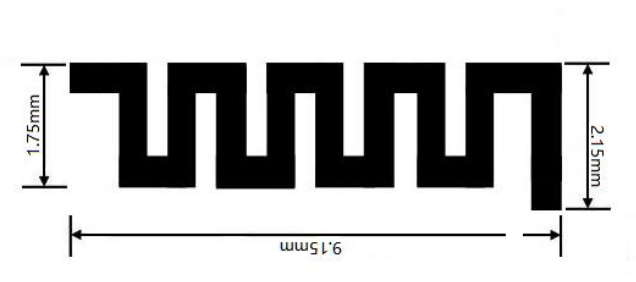


Antenna describe

Antenna plate	PCB antenna
Model name	PCB antenna
Antenna gain	-3dBi
Frequecy range	2402MHZ-2480MHZ
Manufacturer	Jiangmen Milan photoelectric Co., Ltd
Address	Building 2, No.20 Gaoxin East Road, Jianghai District, Jiangmen City



Model	PCB antenna						
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)	-3.73	-3.00	-4.10				
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							

