

Dual-Band Printed Antenna for IEEE802.11a/b/g of WLAN Application

1. Electrical specification

(a)

Frequency range	2.4 GHz~2.5 GHz
Peak Gain	4.27 dBi
VSWR	2.0 Max
Polarization	Linear
Impedance	50 ohm

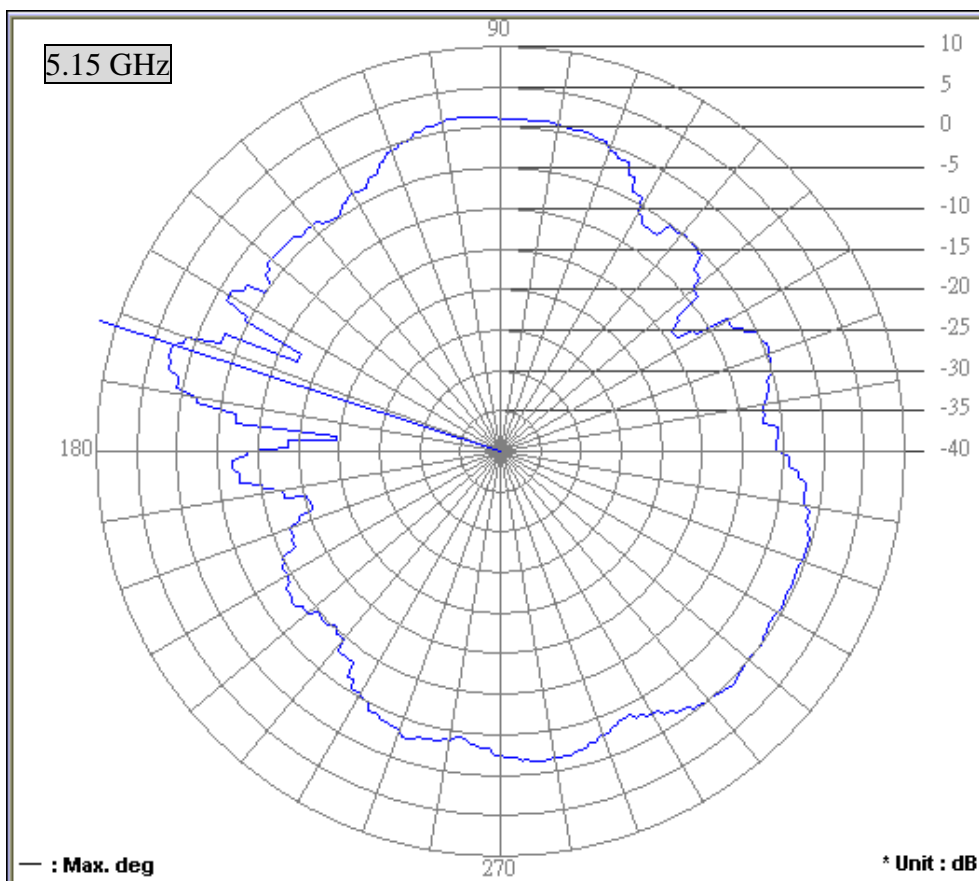
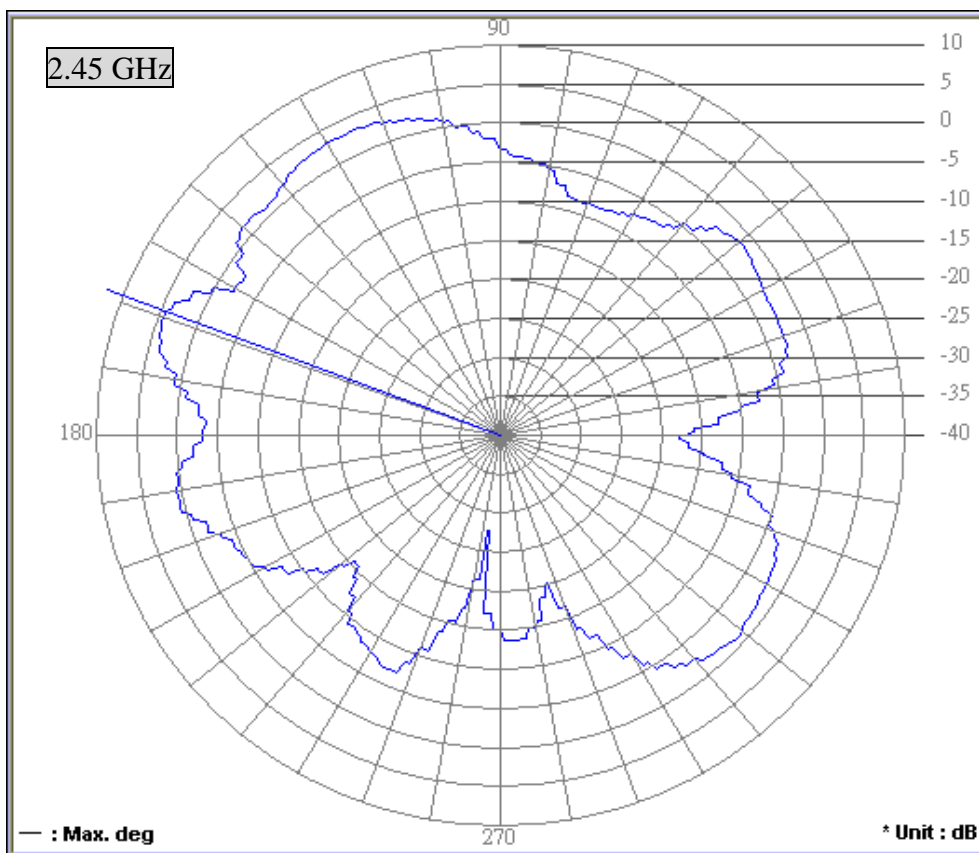
(b)

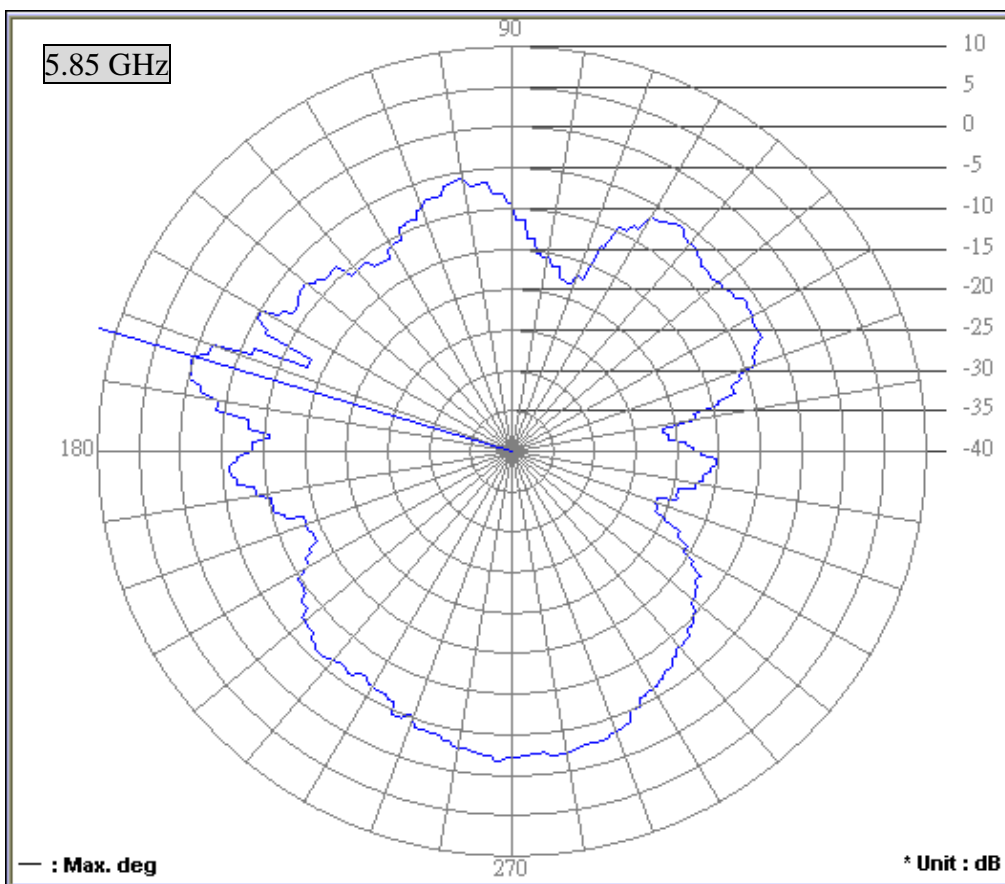
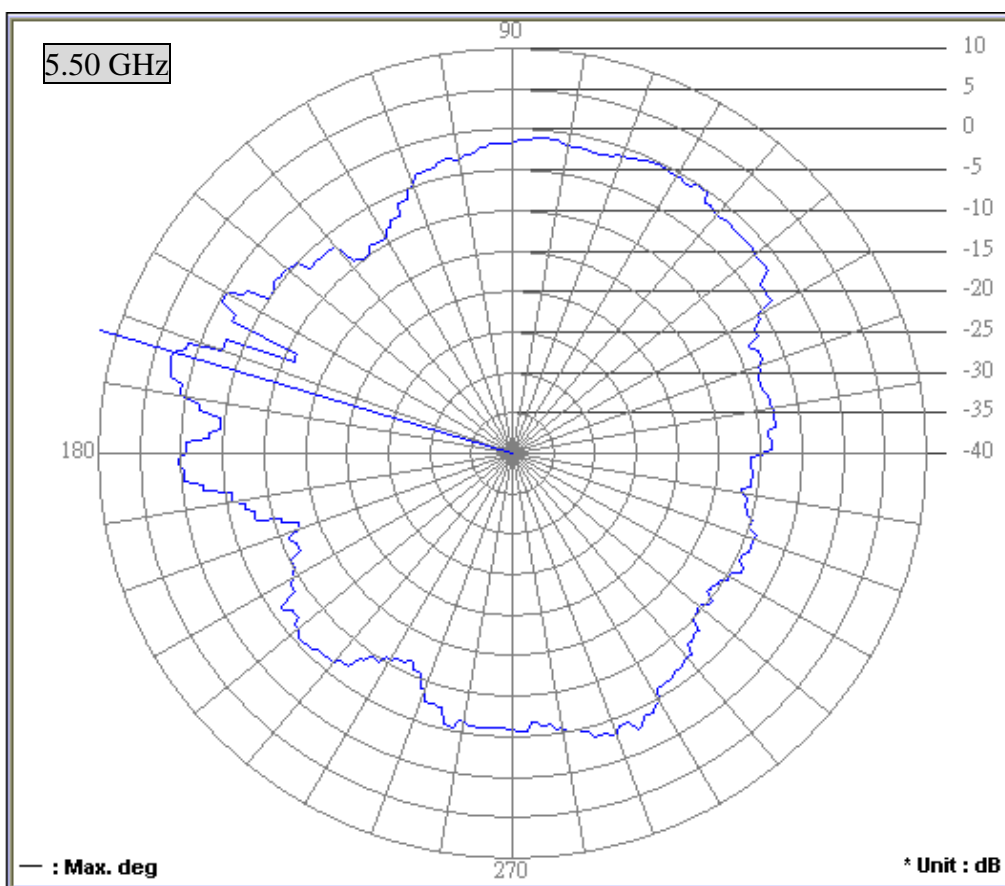
Frequency range	5.15 GHz
Peak Gain	2.69 dBi
VSWR	2.0 Max
Polarization	Linear
Impedance	50 ohm

Frequency range	5.50 GHz
Peak Gain	2.81 dBi
VSWR	2.0 Max
Polarization	Linear
Impedance	50 ohm

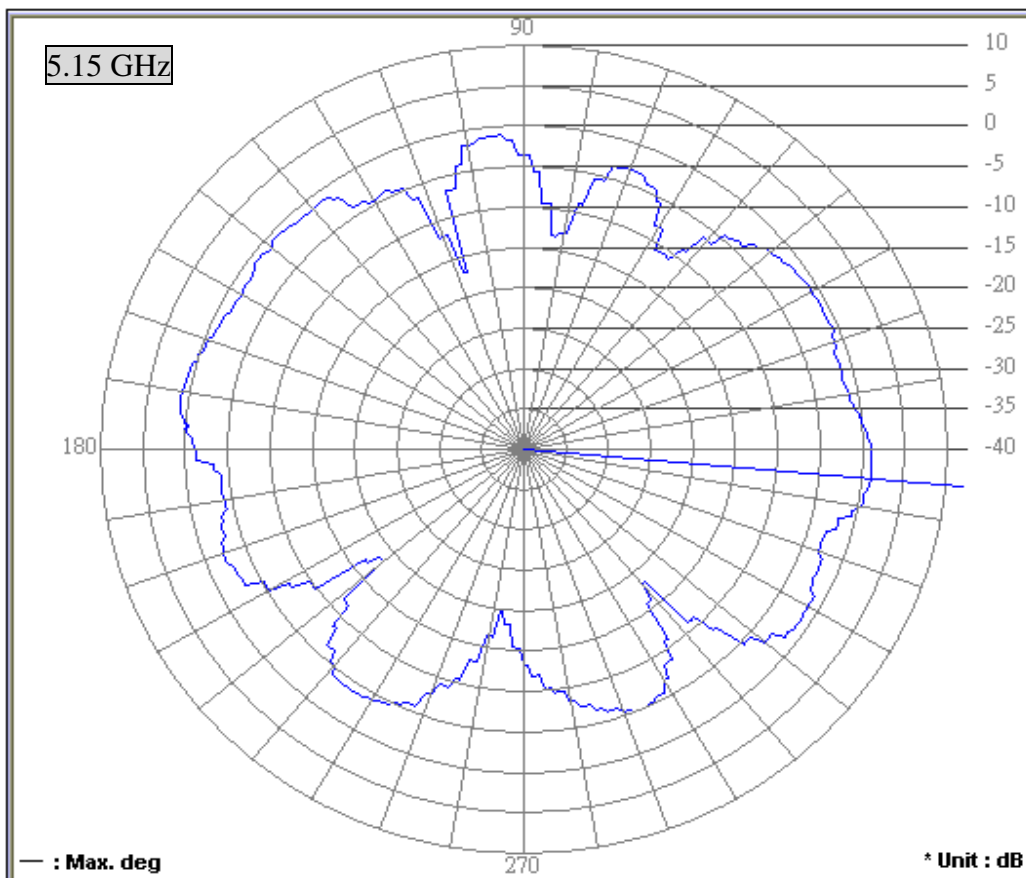
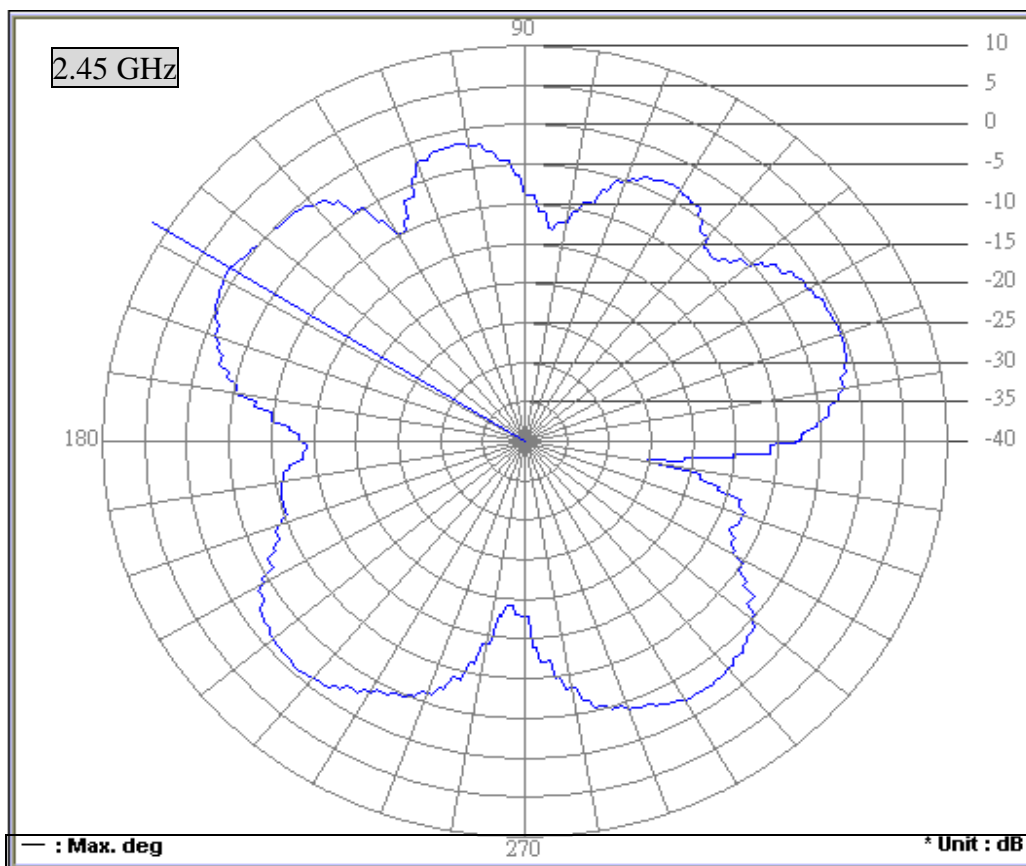
Frequency range	5.85 GHz
Peak Gain	0.24 dBi
VSWR	2.0 Max
Polarization	Linear
Impedance	50 ohm

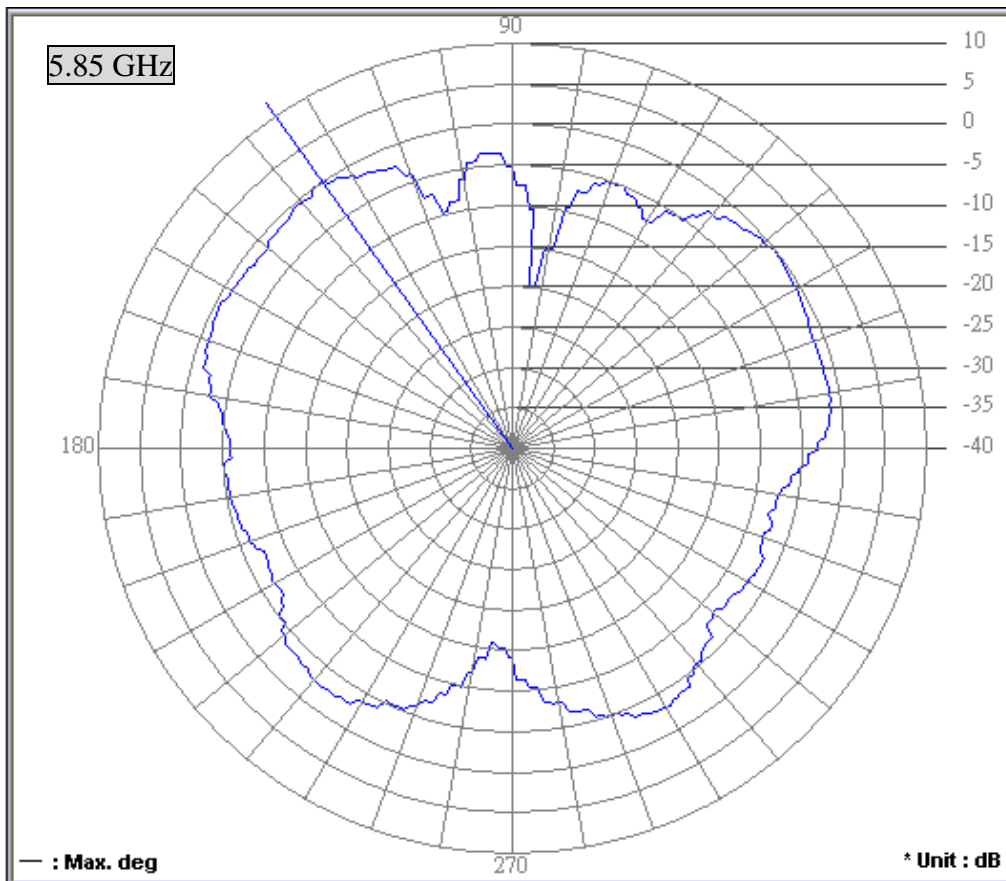
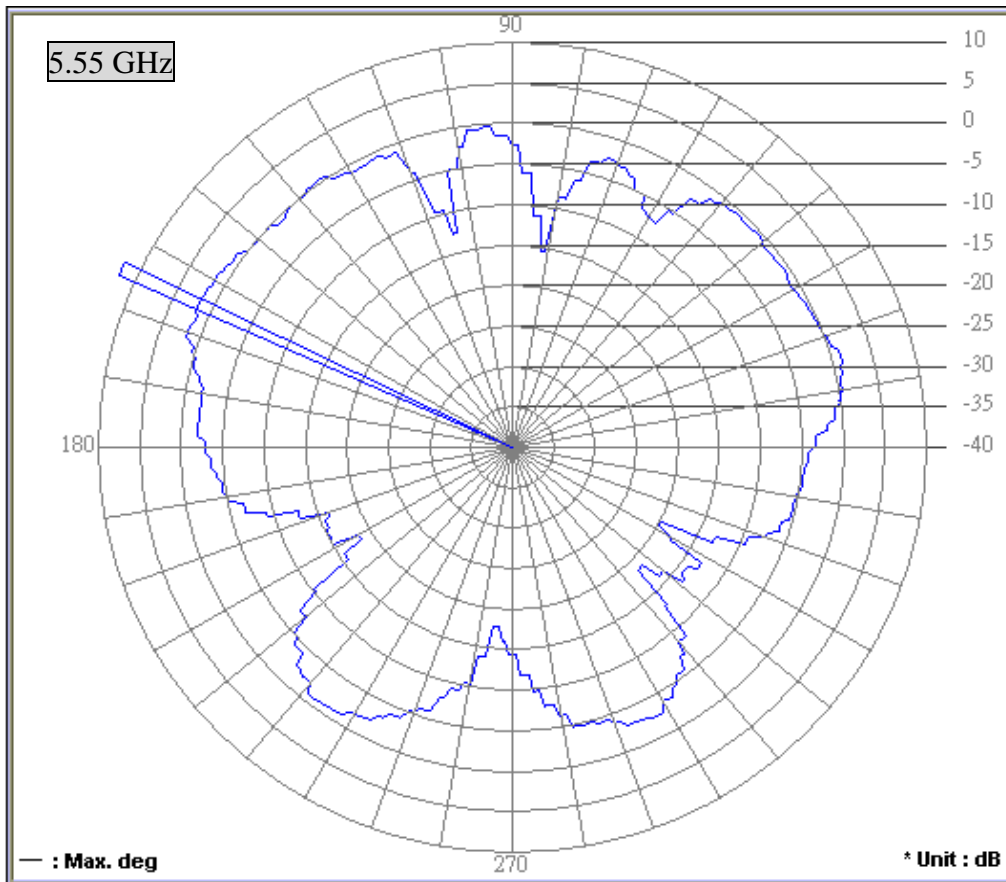
2. Antenna Pattern (x-y plane)





3. Antenna Pattern (x-z plane)





4. Antenna Pattern (y-z plane)

