

WiFiX Cellular 4x4 MIMO

Directional High Power multiband Cellular 4x4 MIMO Antenna

The WiFiX Cellular MIMO 4x4 flat panel directional high gain antenna is designed for 5G and 4G LTE cellular modems, but it is compatible with 3G and 2G as well. The antenna improves the signal in rural and suburban locations where the mobile signal is weak. That antenna is designed to be installed on buildings, on a pole, or anywhere you can safely install it. Due to a very wide working frequency range, the antenna is universal for 5G NR and LTE band frequencies: 600 / 700 / 850 / 1700 / 1900 / 2100 / 2300 / 2500 / 3500 / 3800. It is compatible with most all 4x4 MIMO ready 5G / LTE / 3G / 2G modems and routers. It will pick up frequency bands outside of its official rating range.



P/N: AD4M 1DP638X8 NF

VERSION 1.1

OUTDOOR

Use your cellular router wherever you want

ANTENNA

Maximize your signal with WiFiX antennas

SOLUTION

Plug and play designs

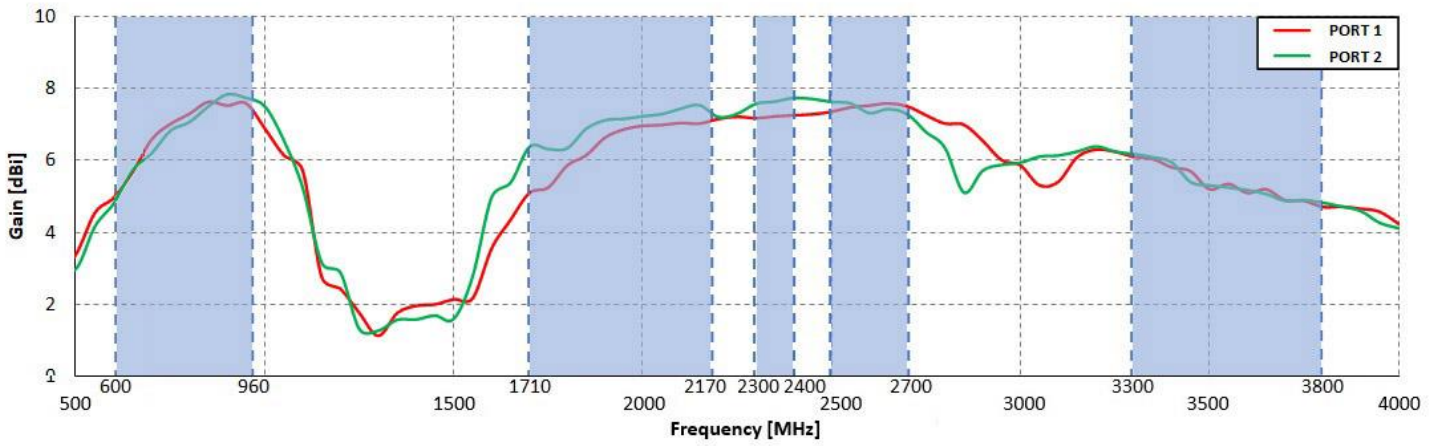
LTE SPECIFICATION

FREQUENCY	0.600-0.960 GHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz 3.3-3.8 GHz
SUPPORTED CELLULAR BANDS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 23, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 48, 49, 52, 53, 59, 62, 65, 66, 67, 68, 69, 71, 85, n5, n41, n71, n78, n80, n81, n82, n83, n84, n86, n89, n90, n95
GAIN	0.600 - 0.960 GHz : 7.5 dBi 1.7 - 2.2 GHz : 7 dBi 2.2 - 2.7 GHz : 7.5 dBi 3.3 - 3.8 GHz : 5.5 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	70°/70° ±15°
POLARIZATION	Dual polarized X-Pol
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

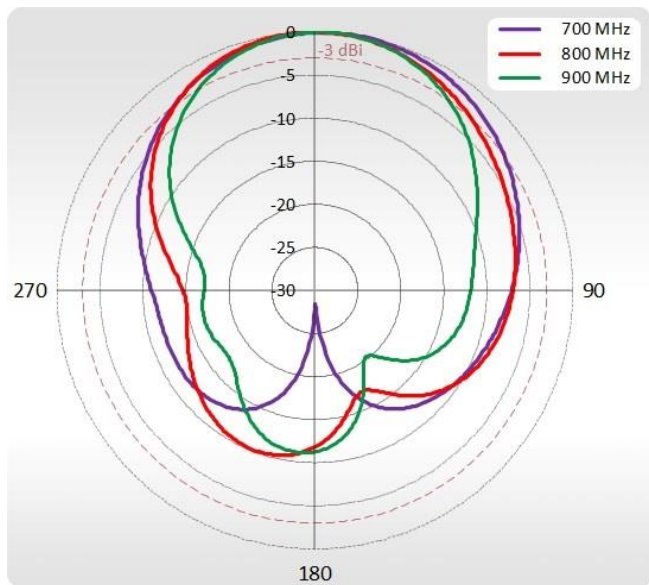
MATERIALS	ABS, aluminum, FR4, Fiberglass, galvanized steel
CONNECTOR TYPE	4x TYPE N Female
INGRESS PROTECTION	IP67
DIMENSIONS	392 x 392 x 99 mm 15.43 x 15.43 x 3.90 inch
WEIGHT	3.7 kg 8.16 lbs
OPERATING TEMPERATURE	From -40°C to 75°C From -40°F to 167°F

ANTENNA GAIN CHART

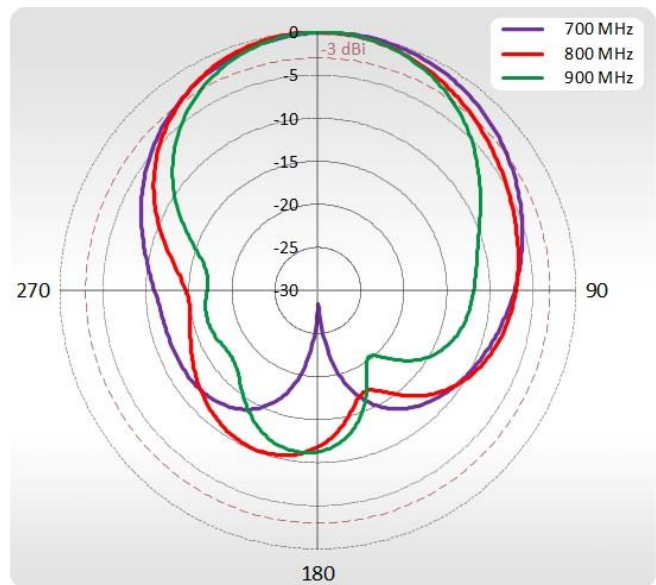


PLOTS

Port 1&3, 700-900 MHz Azimuth

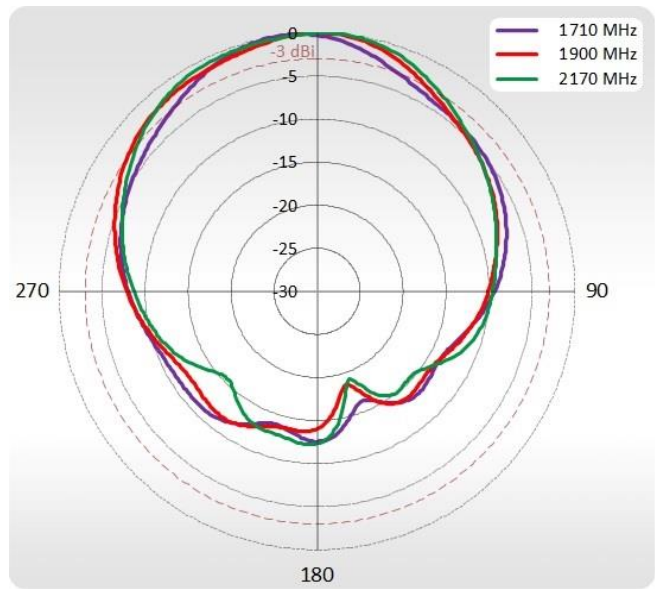
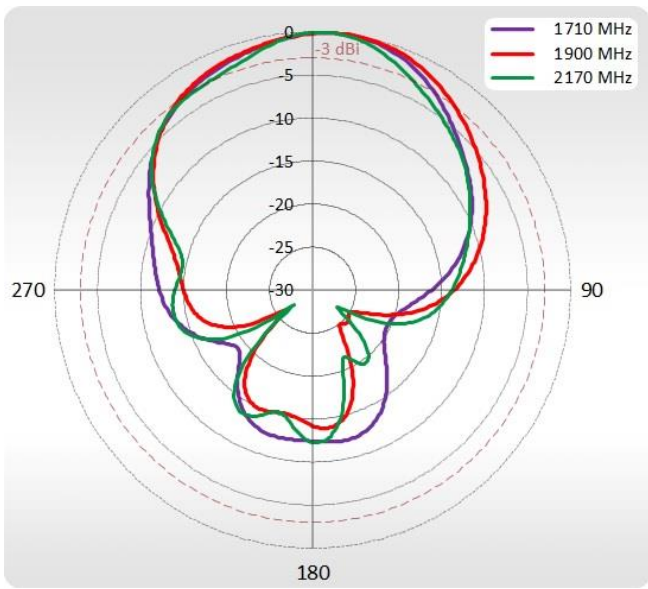


Port 1&3, 700-900 MHz Elevation



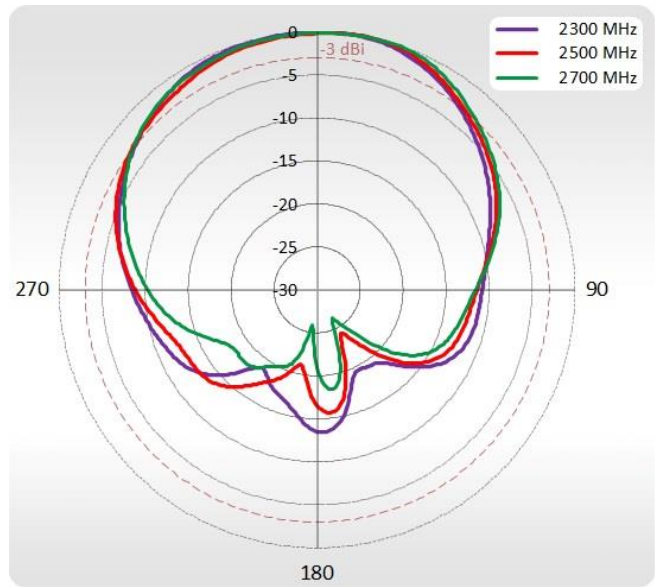
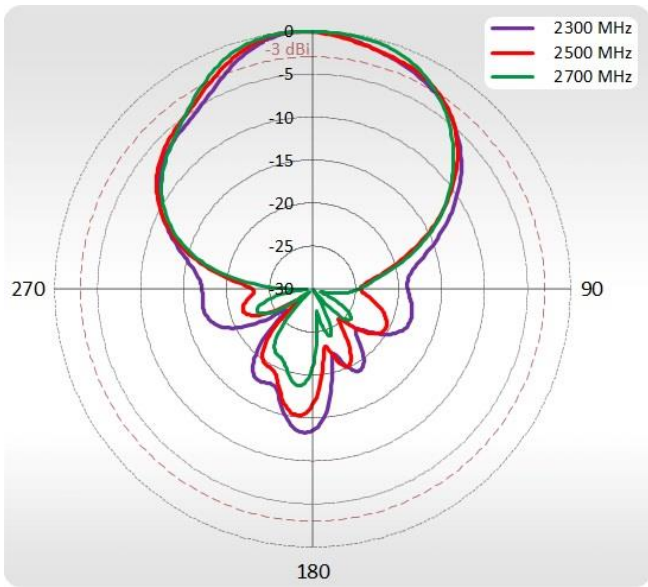
Port 1&3, 1710-2170 MHz Azimuth

Port 1&3, 1710-2170 MHz Elevation



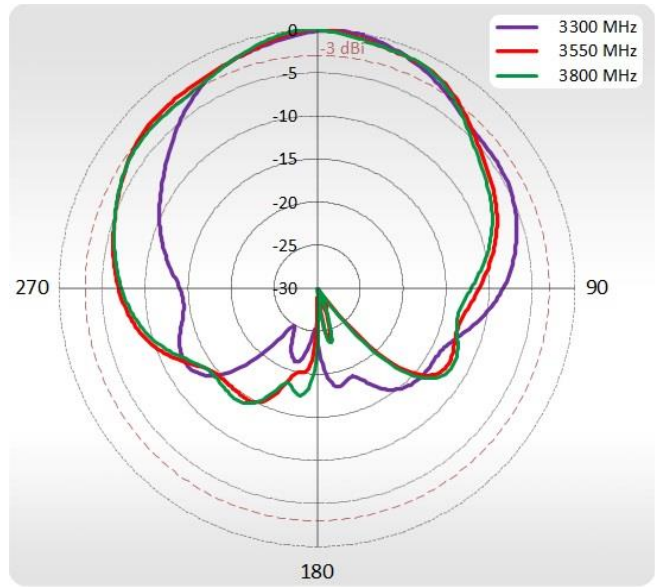
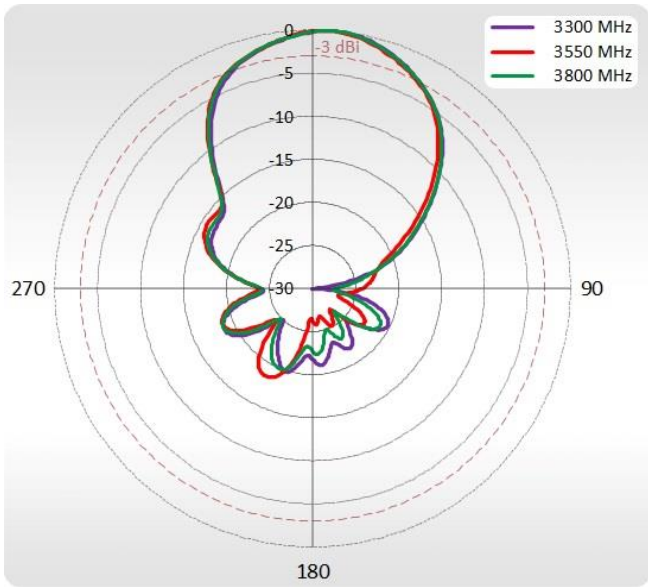
Port 1&3, 2300-2700 MHz Azimuth

Port 1&3, 2300-2700 MHz Elevation



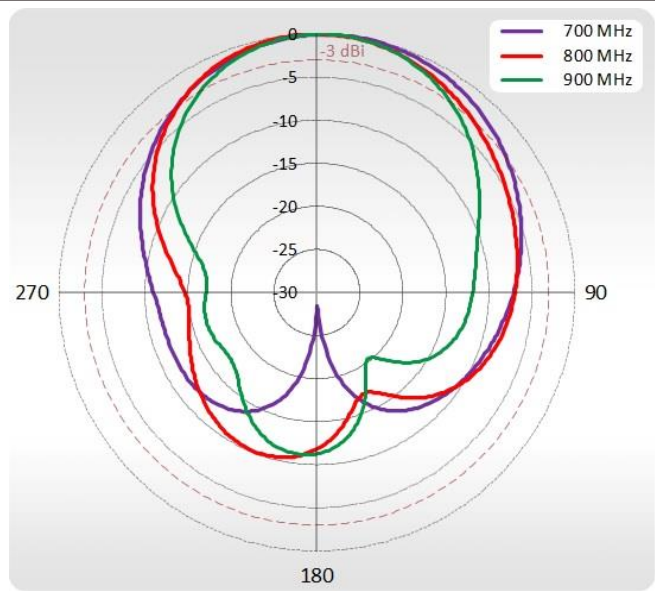
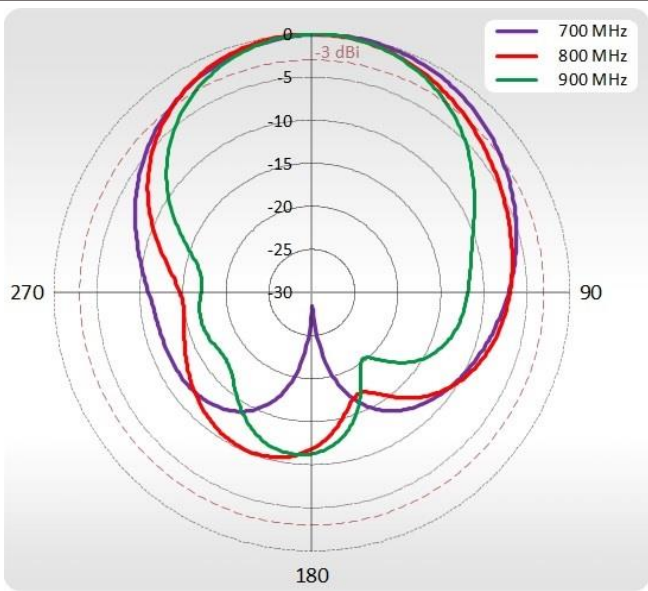
Port 1&3, 3300-3800 MHz Azimuth

Port 1&3, 3300-3800 MHz Elevation



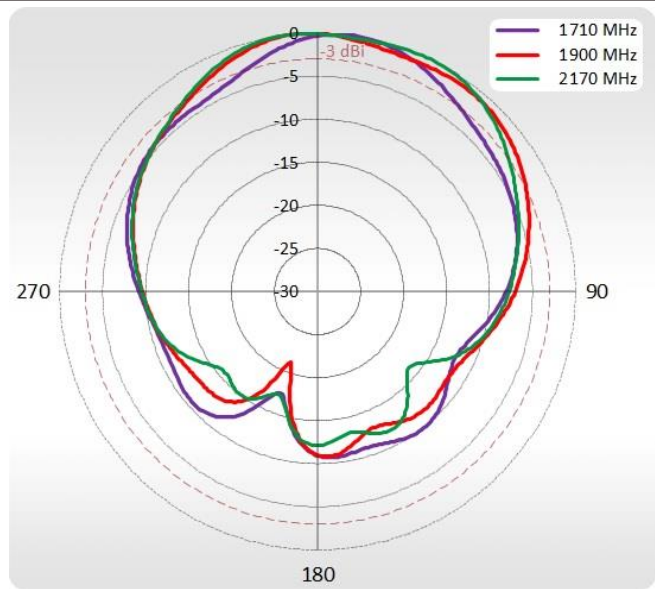
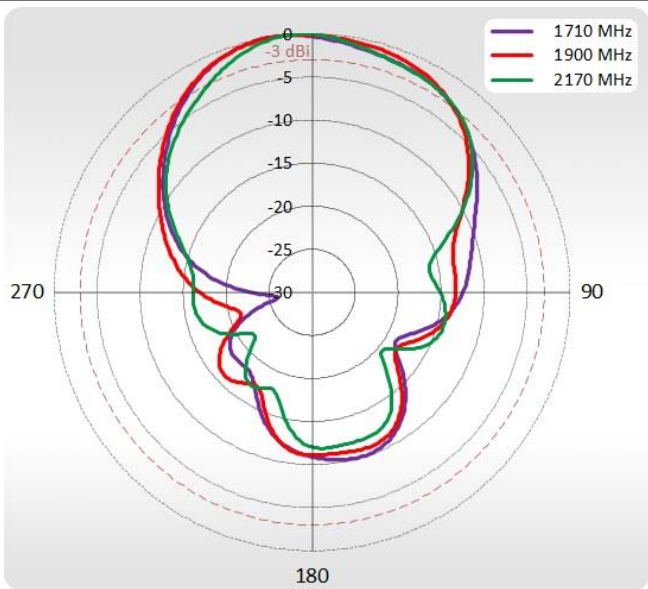
Port 2&4, 700-900 MHz Azimuth

Port 2&4, 700-900 MHz Elevation



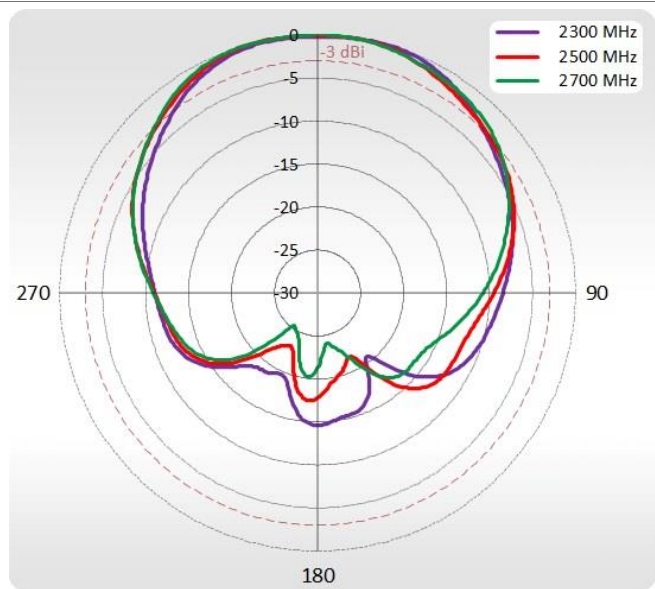
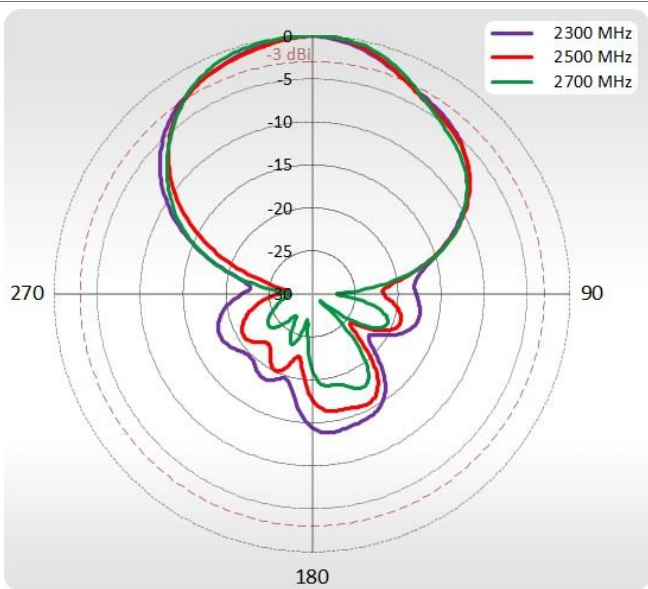
Port 2&4, 1710-2170 MHz Azimuth

Port 2&4, 1710-2170 MHz Elevation



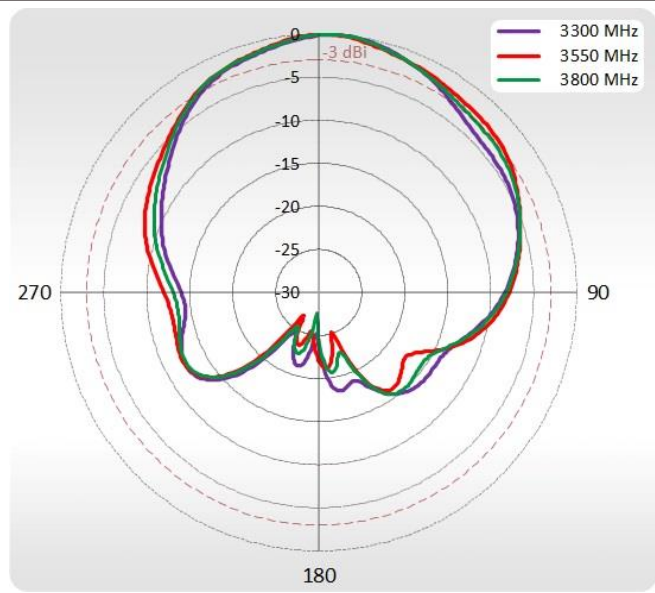
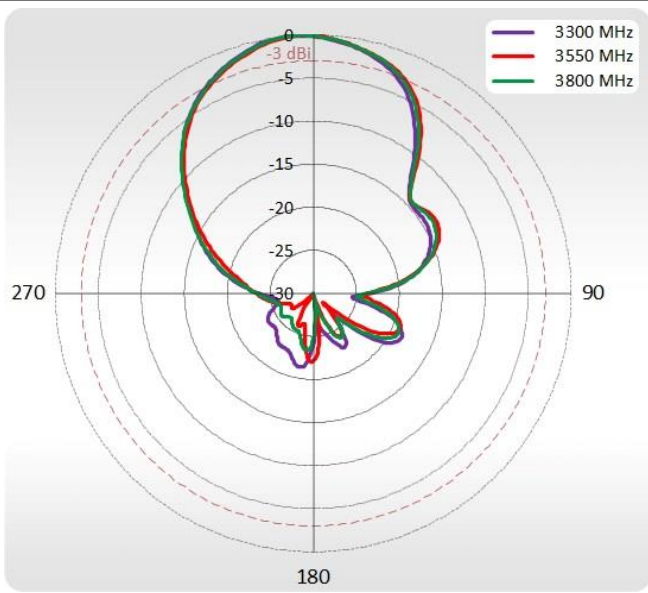
Port 2&4, 2300-2700 MHz Azimuth

Port 2&4, 2300-2700 MHz Elevation



Port 2&4, 3300-3800 MHz Azimuth

Port 2&4, 3300-3800 MHz Elevation



VSWR

Port 1, 2, 3, 4

