

WiFiX Cellular 2x2 MIMO

Directional High Power Multiband LTE 2x2 MIMO Antenna

The WiFiX Cellular MIMO 2x2 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: 700 / 850 / 1700 / 1900 / 2100 / 2300 / 2500 / 2700. It is compatible with most all 2x2 MIMO ready 5G / LTE / 3G / 2G modems and routers. It will pick up frequency bands outside of its official rating range.



P/N: ADM 1DP727X7NF

VERSION 1.0

OUTDOOR

Use your cellular router wherever you want

ANTENNA

Maximize your signal with WiFiX antennas

SOLUTION

Plug and play designs

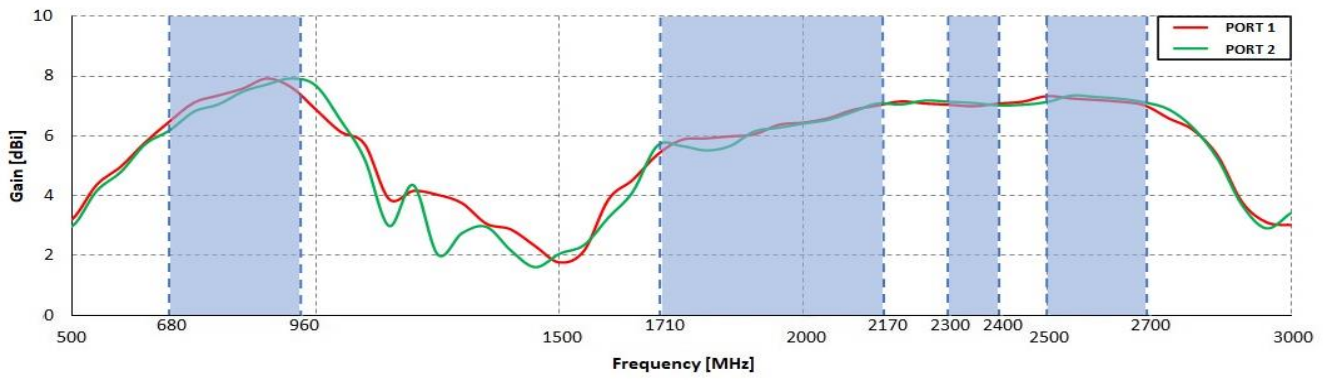
LTE SPECIFICATION

FREQUENCY	0.694-0.96 GHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
Supported LTE bands	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 59, 62, 65, 66, 67, 68, 69, 85, n5, n41, n80, n81, n82, n83, n84, n86, n89, n90, n95
GAIN	0.694 - 0.96 GHz : 7 dBi 1.7 - 2.2 GHz : 7 dBi 2.2 - 2.7 GHz : 7 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	70°/70° ±15°
POLARIZATION	Dual polarized X-Pol
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

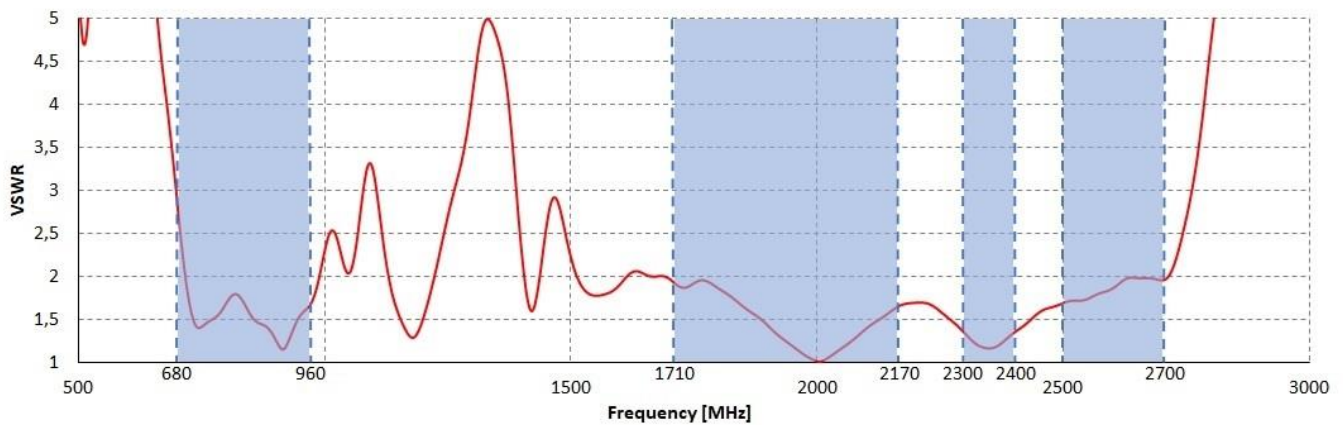
MATERIALS	ABS, aluminum, FR4, Fiberglass, galvanized steel
CONNECTOR TYPE	Type N Female
INGRESS PROTECTION	IP67
DIMENSIONS	272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch
WEIGHT	1.8 kg 3.97 lbs
OPERATING TEMPERATURE	From -40°C to 75°C From -40°F to 167°F

Gain Chart

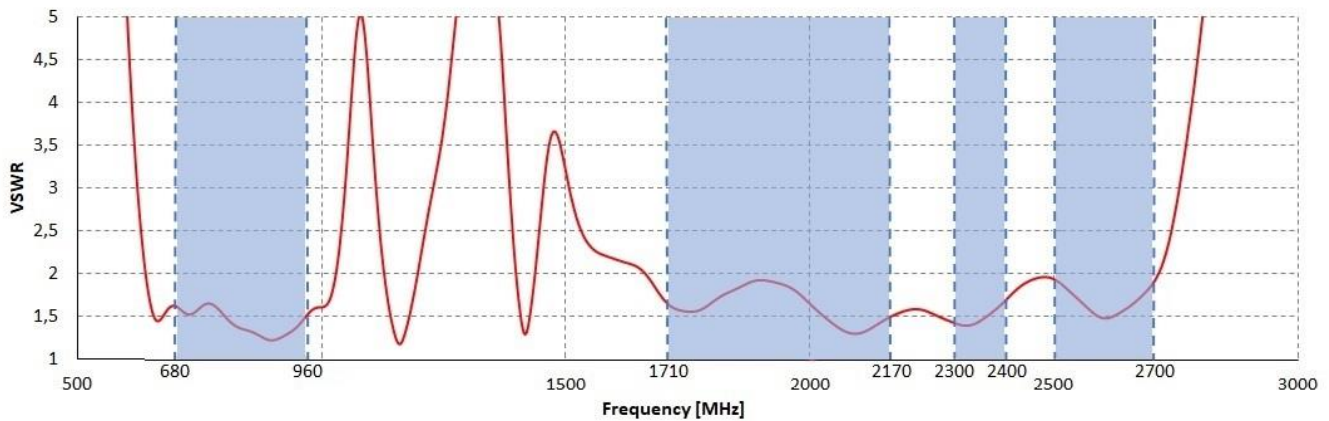


VSWR

Port 1



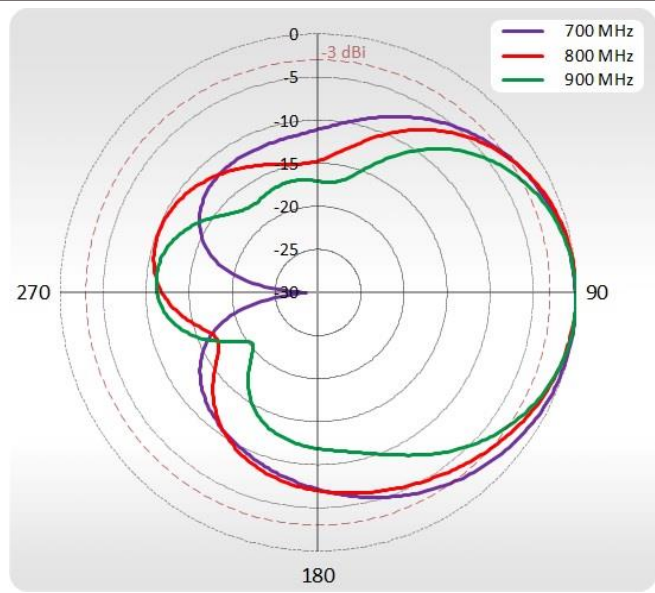
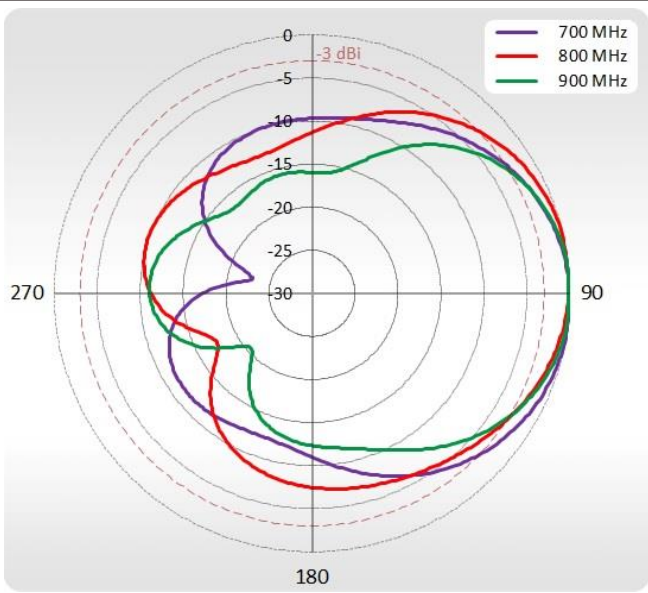
Port 2



PLOTS

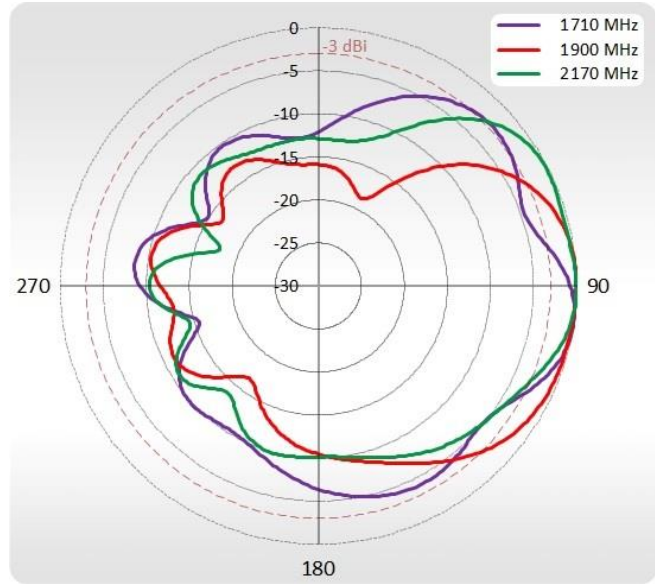
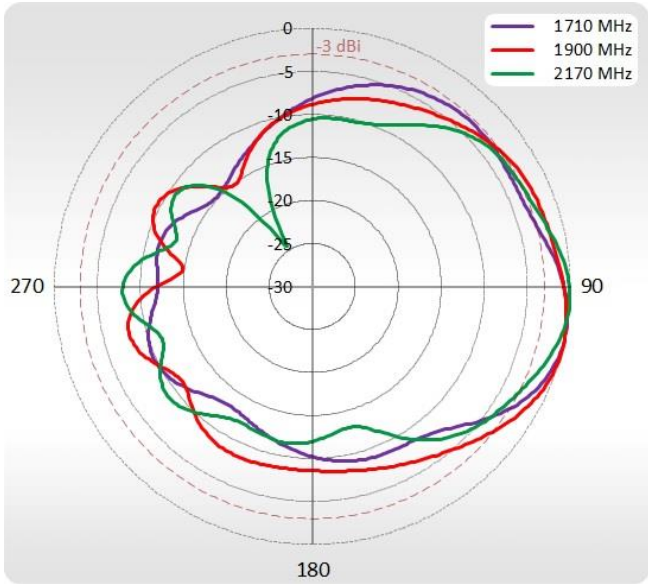
Port 1, 700-900 MHz Azimuth

Port 1, 700-900 MHz Elevation



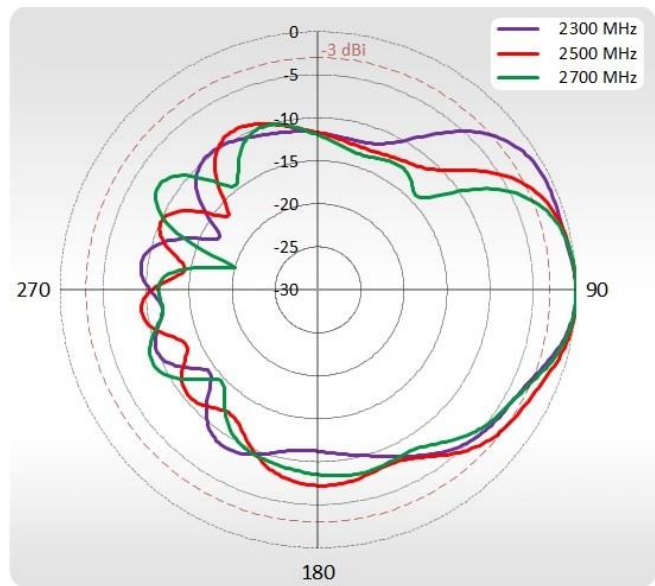
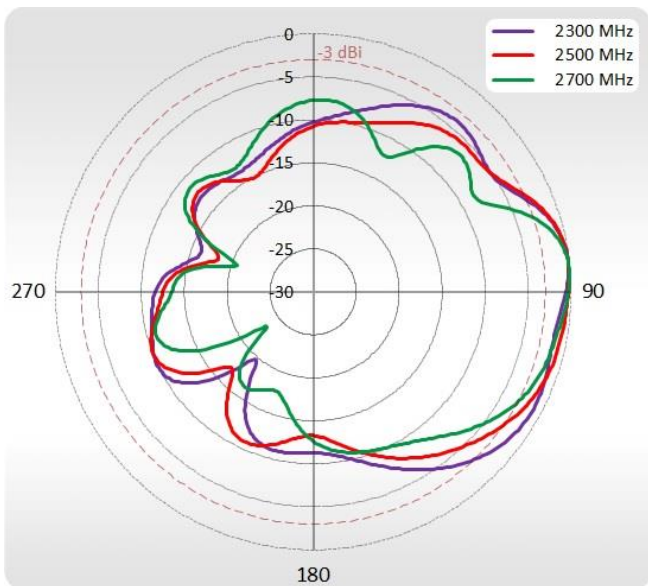
Port 1, 1710-2170 MHz Azimuth

Port 1, 1710-2170 MHz Elevation

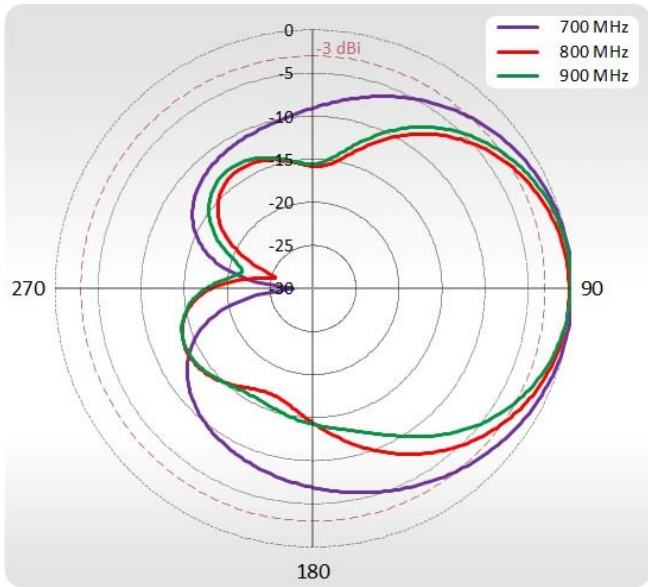


Port 1, 2300-2700 MHz Azimuth

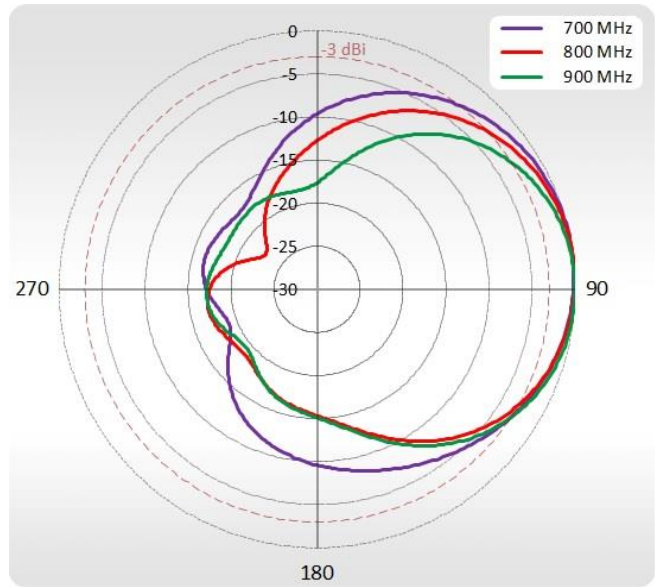
Port 1, 2300-2700 MHz Elevation



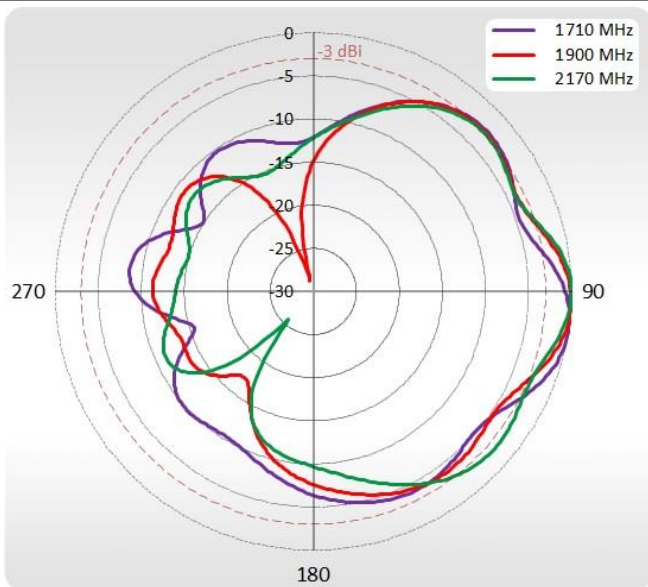
Port 2, 700-900 MHz Azimuth



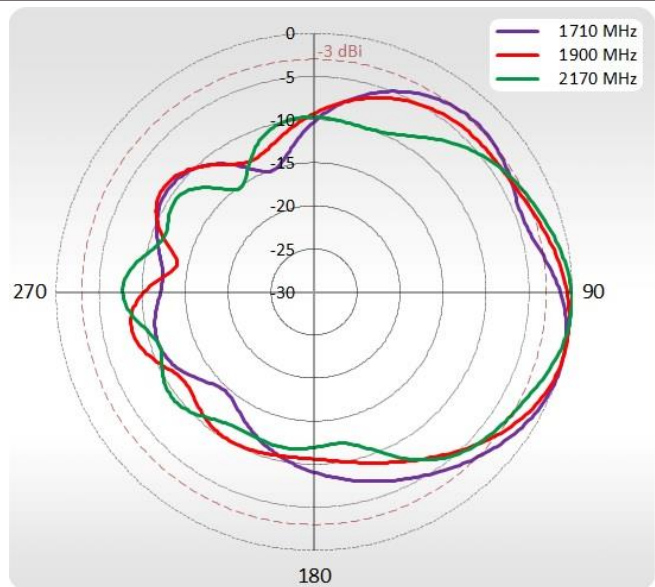
Port 2, 700-900 MHz Elevation



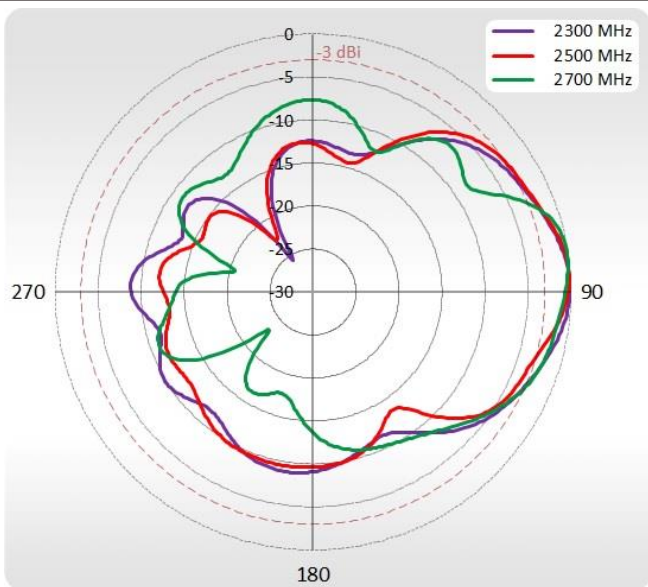
Port 2, 1710-2170 MHz Azimuth



Port 2, 1710-2170 MHz Elevation



Port 2, 2300-2700 MHz Azimuth



Port 2, 2300-2700 MHz Elevation

