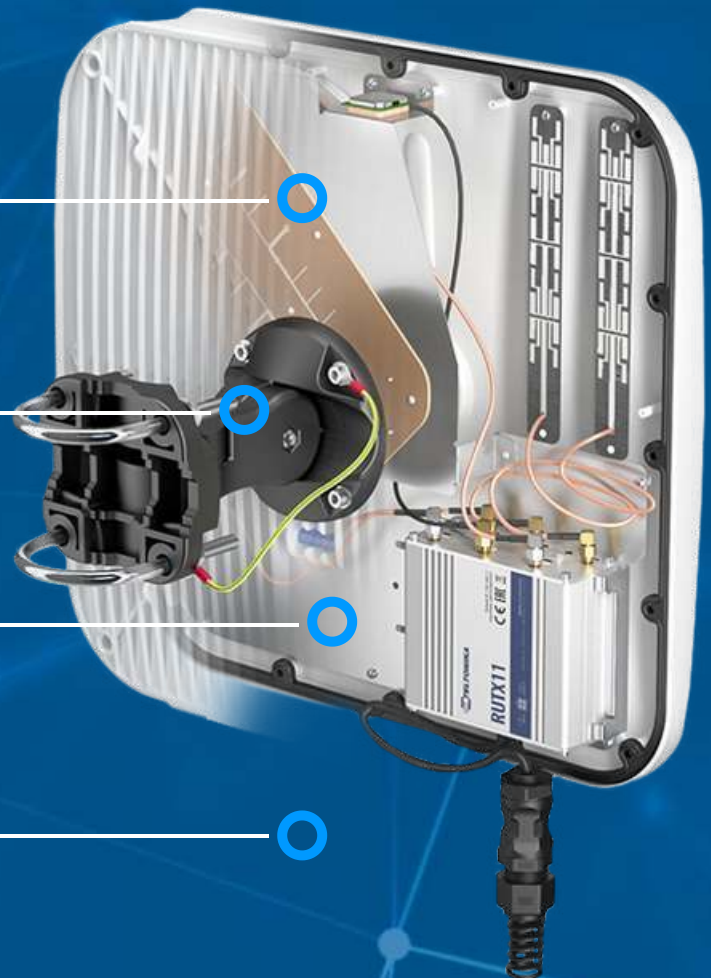
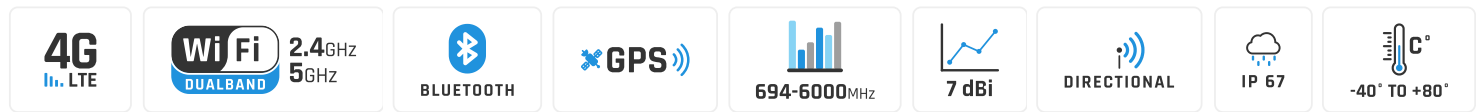


QuMax XR All In

Integrated outdoor multi band eXtra Range LTE directional antenna + Wi-Fi dual band 2.4 & 5 GHz omni antenna + Bluetooth antenna + GPS antenna + place to install Teltonika RUT200/240/241/950/951/955/956/X09/X11 (All-in-one)

QuMAX eXtra Range All In offers the most powerful directional LTE antenna of all QuWireless antennas. It is dedicated to connections with long distance to base station. It also has embedded Wi-Fi dual band 2.4 & 5 GHz omni antennas, GPS antenna and Bluetooth antenna. It is designed to have Teltonika RUT200/240/241/900/901/950/951/955/956/X09/X11 router installed inside IP67 enclosure. It is the first choice for fixed installations in industrial environment.



UNIVERSAL MOUNTING BRACKET



LTE ANTENNA SPECIFICATION

FREQUENCY	694 - 960 MHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
SUPPORTED LTE/5G 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, n80, n81, n82, n83, n84, n86, n89, n90, n95
GAIN	694 - 960 MHz : 7 dBi 1.7 - 2.2 GHz : 7 dBi 2.2 - 2.7 GHz : 7 dBi
FRONT-TO-BACK	>10 dB
VSWR	<1.70, max <2.00
BEAMWIDTH	70°/70° ±15°
POLARIZATION	Dual polarized X-Pol
IMPEDANCE	50 Ω

WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 4.7 - 6 GHz
GAIN	2.4 - 2.5 GHz : 6 dBi 4.7 - 6 GHz : 7 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

BLUETOOTH ANTENNA SPECIFICATION

FREQUENCY	2.30 - 2.60 GHz
GAIN	3 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE, Fiberglass
CONNECTOR TYPE	RJ45
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 80°C From -40°F to 176°F

FREQUENCY BANDS

LTE / 4G GSM	56812131417 617 MHz 18192026272829 44676885n81n82n83 n89 960 MHz
LTE / 4G UMTS	123491025 1710 MHz 33343536373959 62n80n84n86n95 2170 MHz
LTE / 4G WCS DARS	2300 MHz 3040 2400 MHz

LTE / 4G

2400
MHz

7

38

41

53

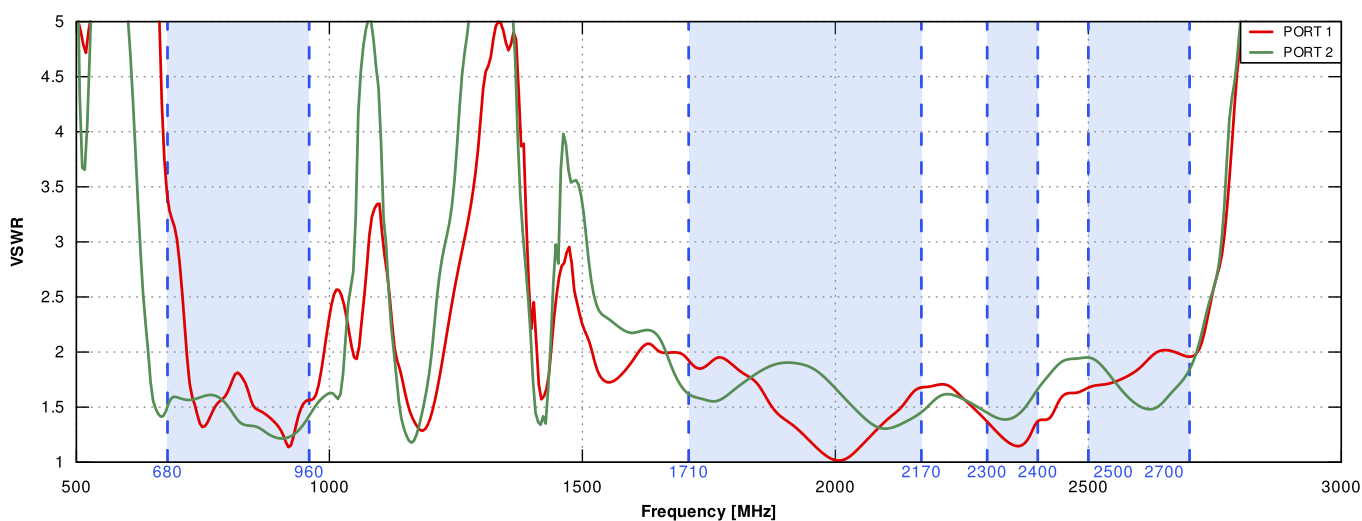
69

n90

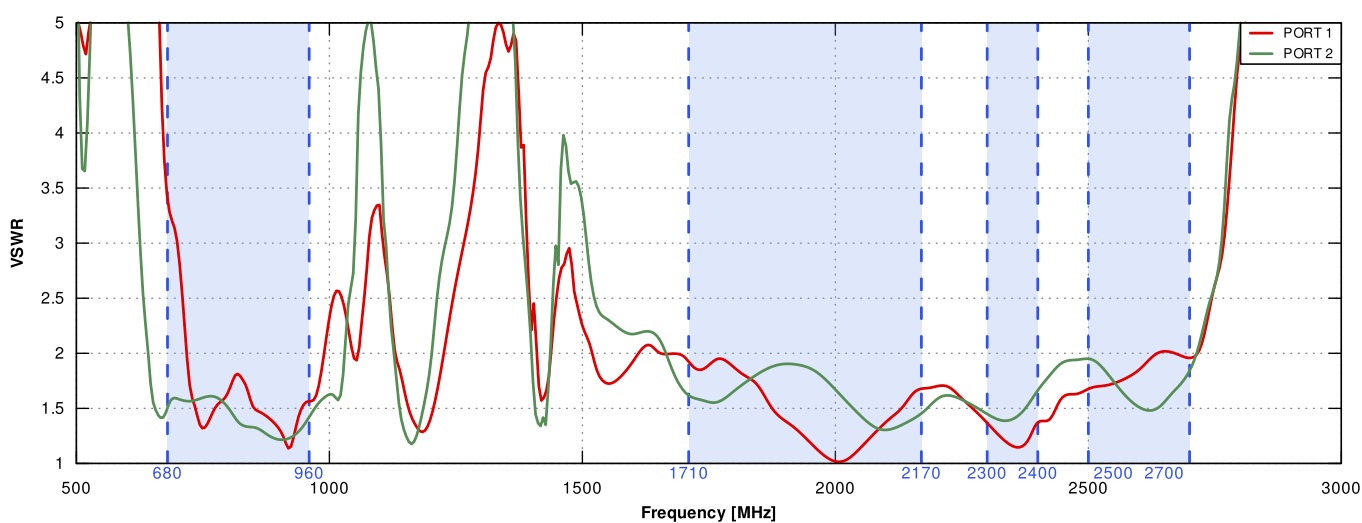
2700
MHz

PLOTS

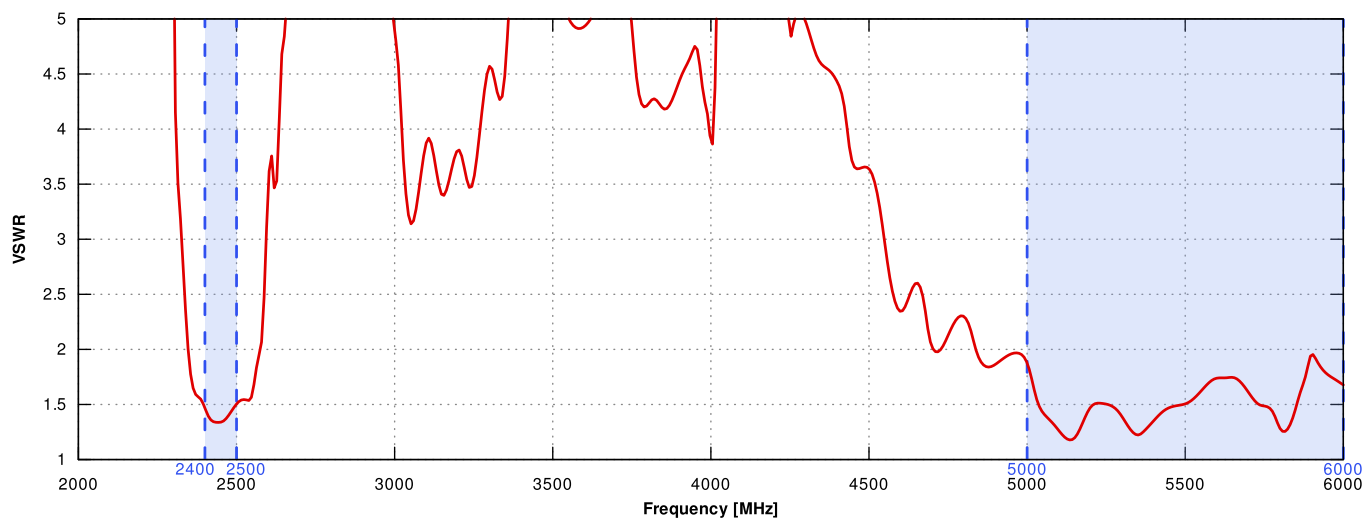
VSWR for LTE antenna PORT 1



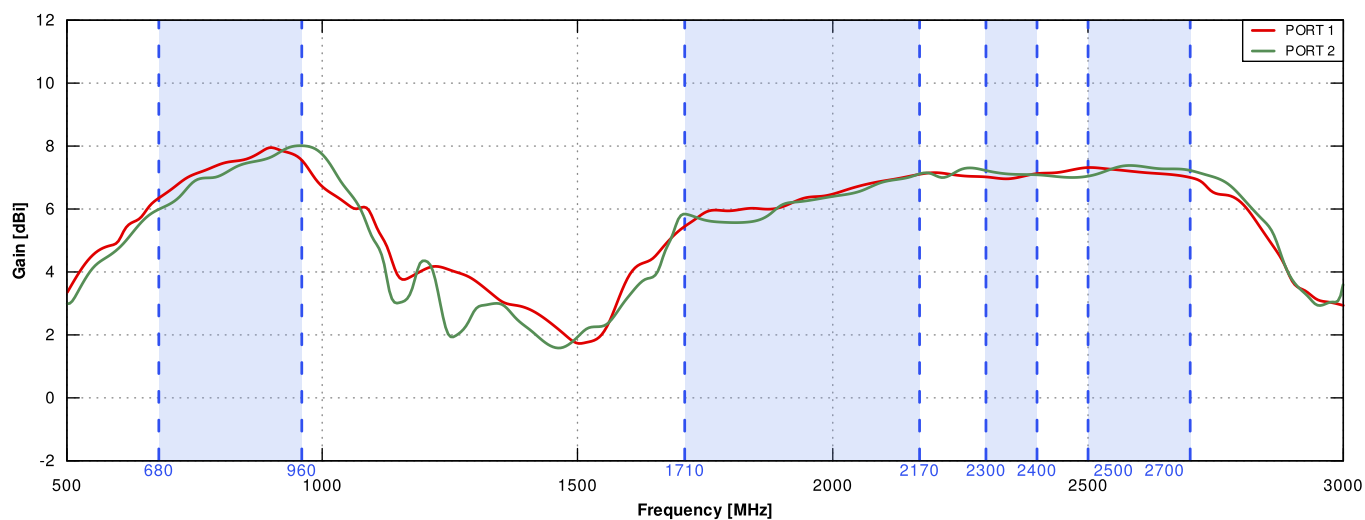
VSWR for LTE antenna PORT 2



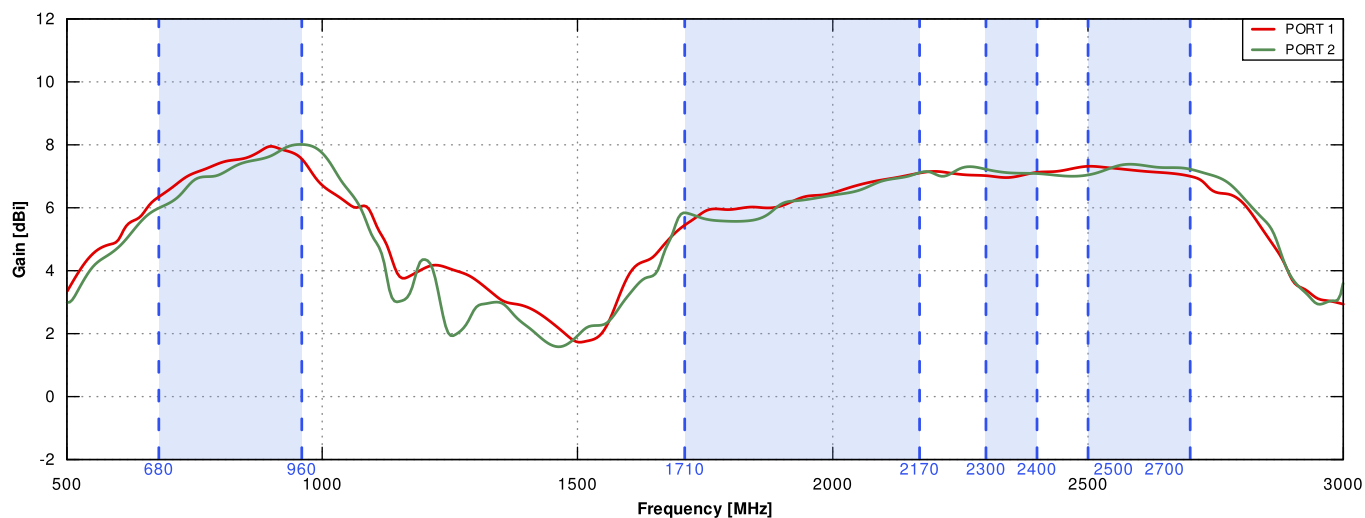
VSWR for Wi-Fi antenna



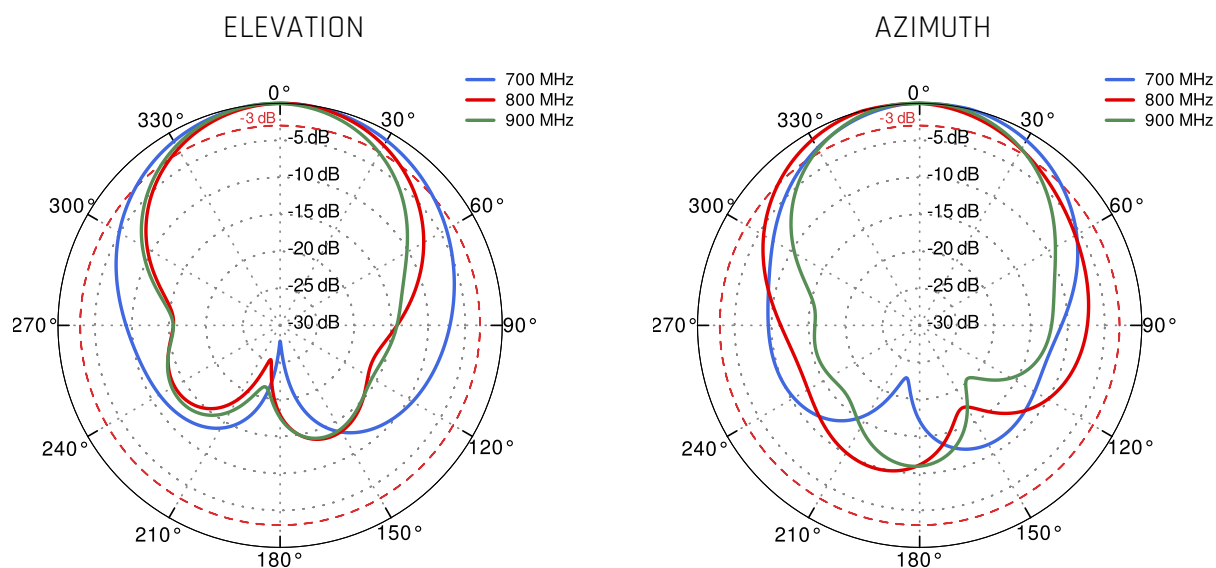
Gain for LTE antenna



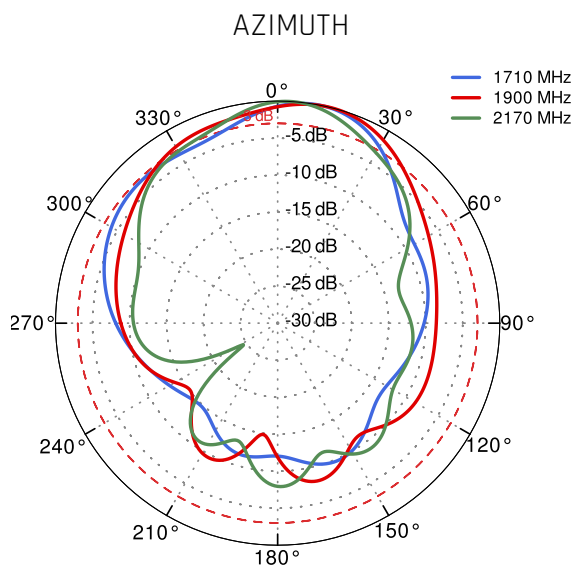
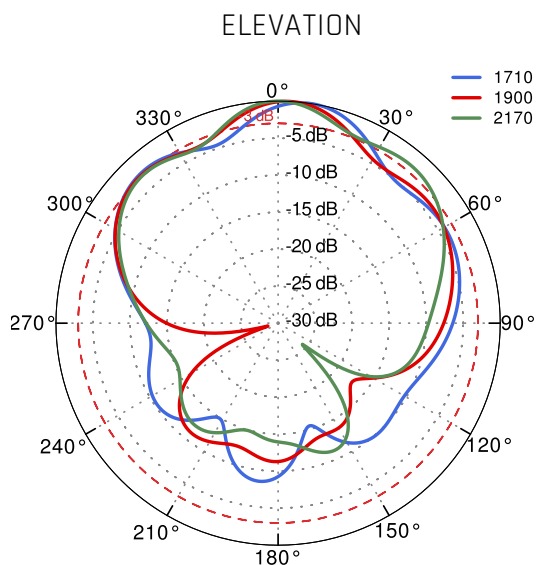
Gain for Wi-Fi antenna



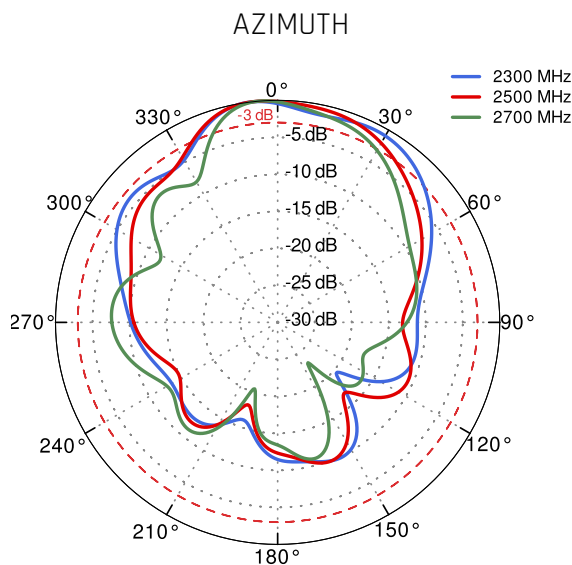
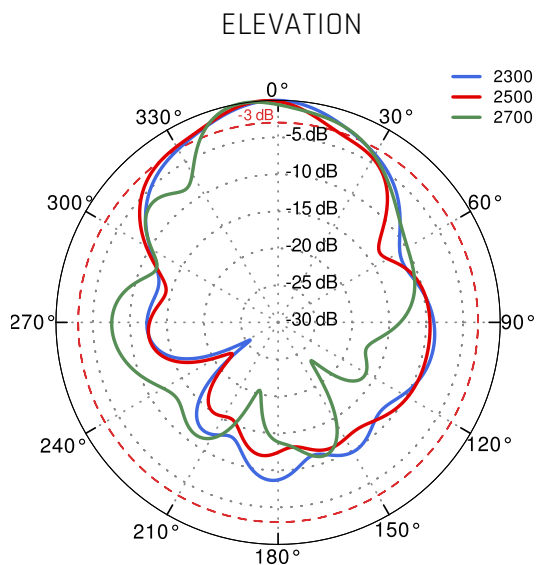
PORT 1 700MHz to 900MHz



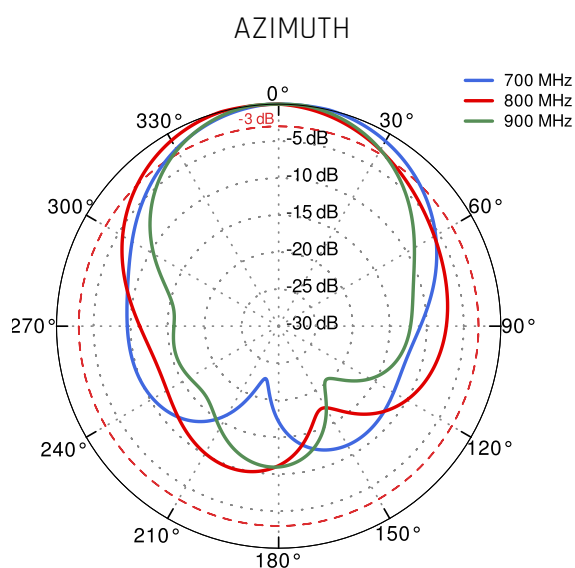
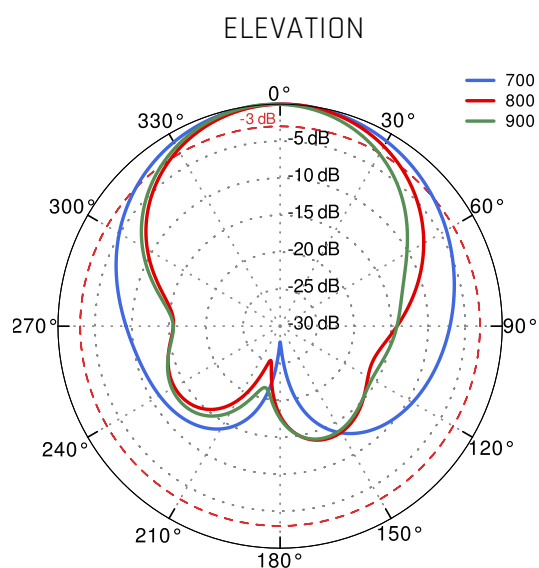
PORT 1 1.71GHz to 2.17GHz



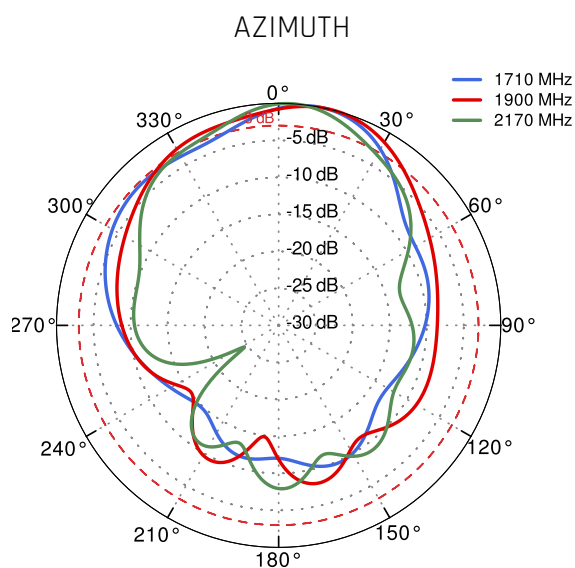
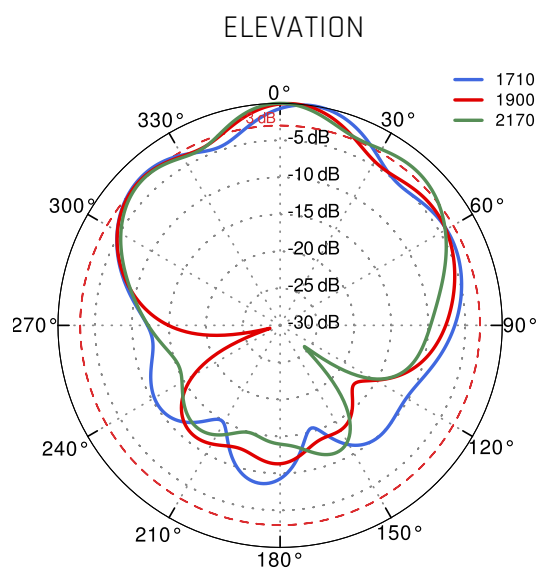
PORT 1 2.3GHz to 2.7GHz



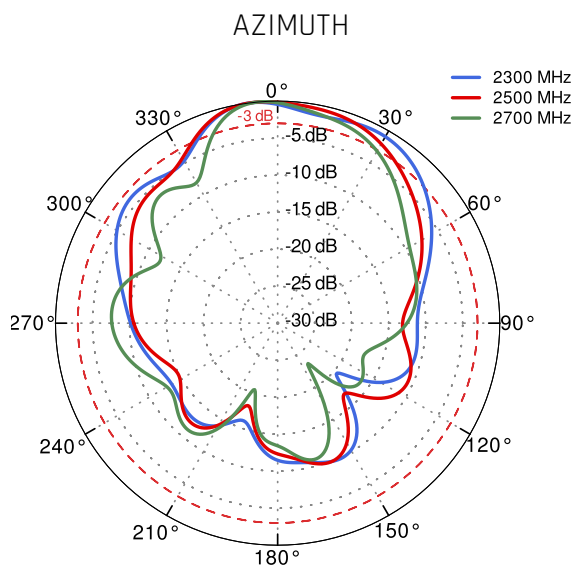
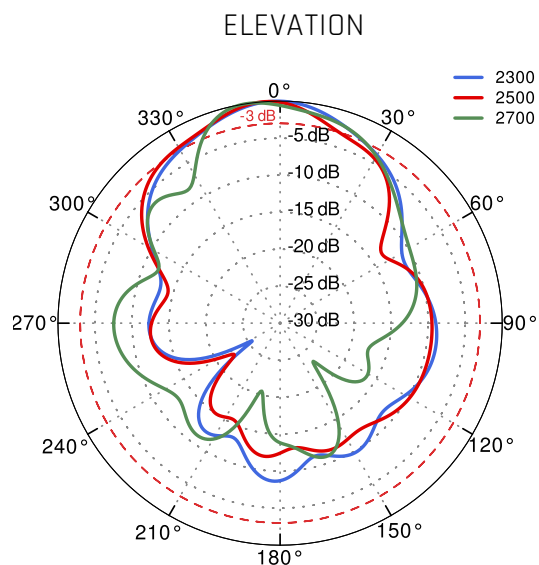
PORT 2 700MHz to 900MHz



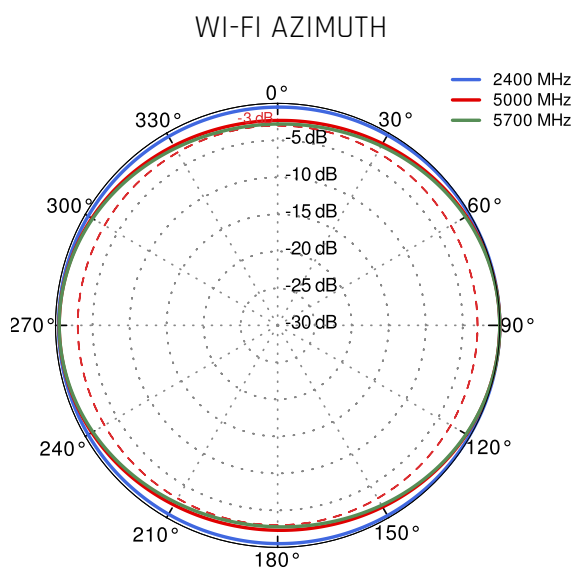
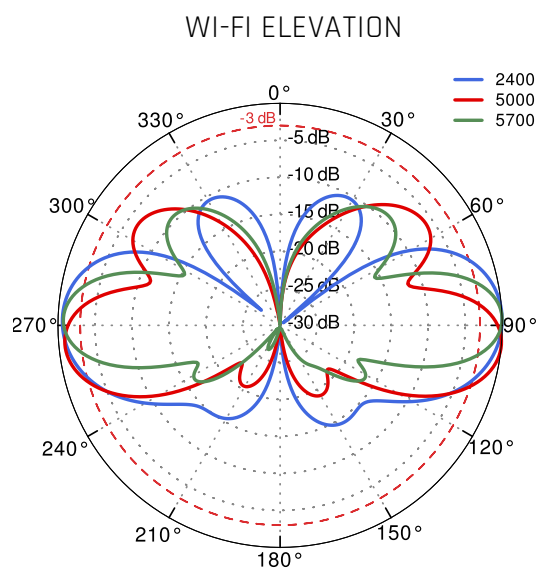
PORT 2 1.71GHz to 2.17GHz



PORT 2 2.3GHz to 2.7GHz



2.4GHz & 5GHz



DIMENSIONS

