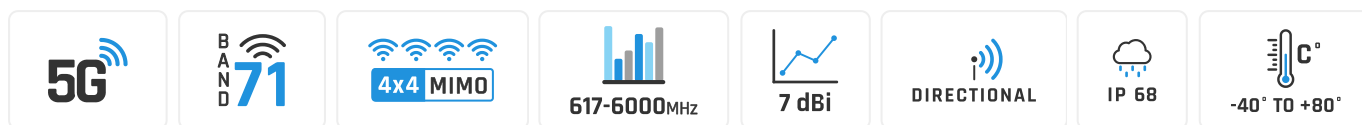


QuPanel 5G/LTE Global MIMO 4x4

Directional ultra wideband 5G/LTE MIMO 4x4 antenna

QuPanel **5G**/LTE directional MIMO 4x4 is ultra wideband 5G outdoor antenna. It's primary designed for LTE/5G/3G/2G devices which require high efficiency connections. The antenna covers many LTE bands including the new Extended LTE **Band 71** and frequencies: **600 - 6000MHz**. The mounting bracket allows the antenna to be installed on the pole or on the wall, as the client antenna to receive Internet by LTE/5G/3G/2G. It's ideal solution to use with all industrial and domestic 4x4 5G modems and routers like: Teltonika, Digi, Mikrotik, Robustel, Cisco, etc.



WIDE BAND 600-6000MHZ, 5G TECHNOLOGY



FIBREGLASS, WALL OR POLE MOUNTING BRACKET



FOUR SMA CONNECTORS



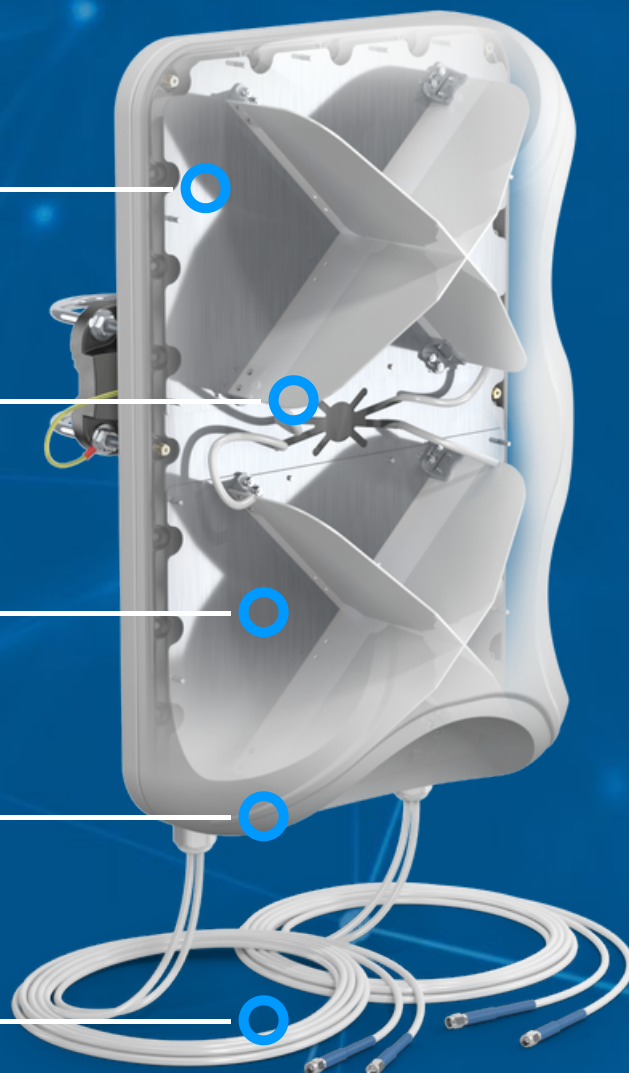
80° BEAMWIDTH



7DBI GAIN



MADE IN EUROPE



5G / LTE ANTENNA SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.6 GHz 4.7 - 6.0 GHz
GAIN	617 - 960 MHz : 6 dBi 1.7 - 2.7 GHz : 7 dBi 3.3 - 4.6 GHz : 7 dBi 4.7 - 6.0 GHz : 5.5dBi
SUPPORTED LTE BANDS	1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 46, 47, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 106
SUPPORTED 5G BANDS	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n46, n47, n48, n53, n65, n66, n67, n71, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256
VSWR	<2.00, max <3.00
BEAMWIDTH	80°/80° ±15°
POLARIZATION	X (±45degrees)
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE, fiberglass
CONNECTOR TYPE	SMA
INGRESS PROTECTION	IP68
DIMENSIONS	486.0 x 292.2 x 105.6 mm 19.13 x 11.50 x 4.16 inch
WEIGHT	2.8 kg 6.17 lbs
OPERATING TEMPERATURE	From -40°C to 80°C From -40°F to 176°F
MAST DIAMETER	25-66mm 0.98-2.60 inch

FREQUENCY BANDS

LTE / 4G	1	2	3	4	5	7	8
	9	10	12	13	14	17	18
	19	20	22	25	26	27	28
	29	30	33	34	35	36	37
	38	39	40	41	42	43	44
	46	47	48	49	52	53	65
	66	67	68	69	71	85	103
	106						
617 MHz							6000 MHz

5G617
MHz

n1

n2

n3

n5

n7

n8

n12

n13

n14

n18

n20

n25

n26

n28

n29

n30

n34

n38

n39

n40

n41

n46

n47

n48

n53

n65

n66

n67

n71

n77

n78

n79

n80

n81

n82

n83

n84

n85

n86

n89

n90

n95

n97

n98

n100

n101

n256

6000
MHz

COMPATIBLE ROUTERS

VARIANTS: AP5G4-G, AP5G4-G1

TELTONIKA

RUTC50, RUTM51, RUTM54, RUTX12, RUTX14, RUTX50, TRB500

ROBUSTEL

EG5120, EG5200, R2000, R5010, R5020, R5020 Lite

COMSET

CM550W, CM580W, CM685VX, CM770W-6, CM950W

DIGI

EX50, IX40, TX54 LTE-Advanced, TX64

ERICSSON (CRADLEPOINT)

E300, E3000, IBR1700, R1900, R980, W1850, W4005

FORTINET

FEX-311F, FEX-311F

FOUR-FAITH

5G Industrial CPE F-NR200, 5G Industrial Router F-NR100, 5G SIM WiFi Router F-NR120, 5G Smart Light Pole Gateway F-G300, 5G WiFi Router with SIM Card Slot F-NR130, Smart Light Pole Gateway F-G310

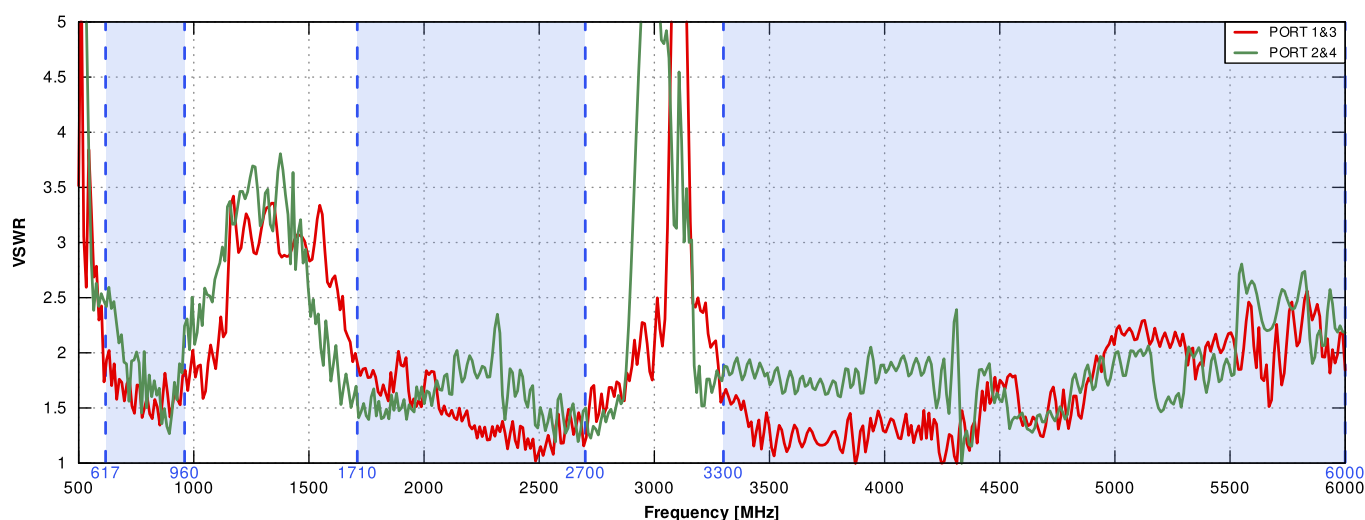
MILESIGHT

UF31, UR75

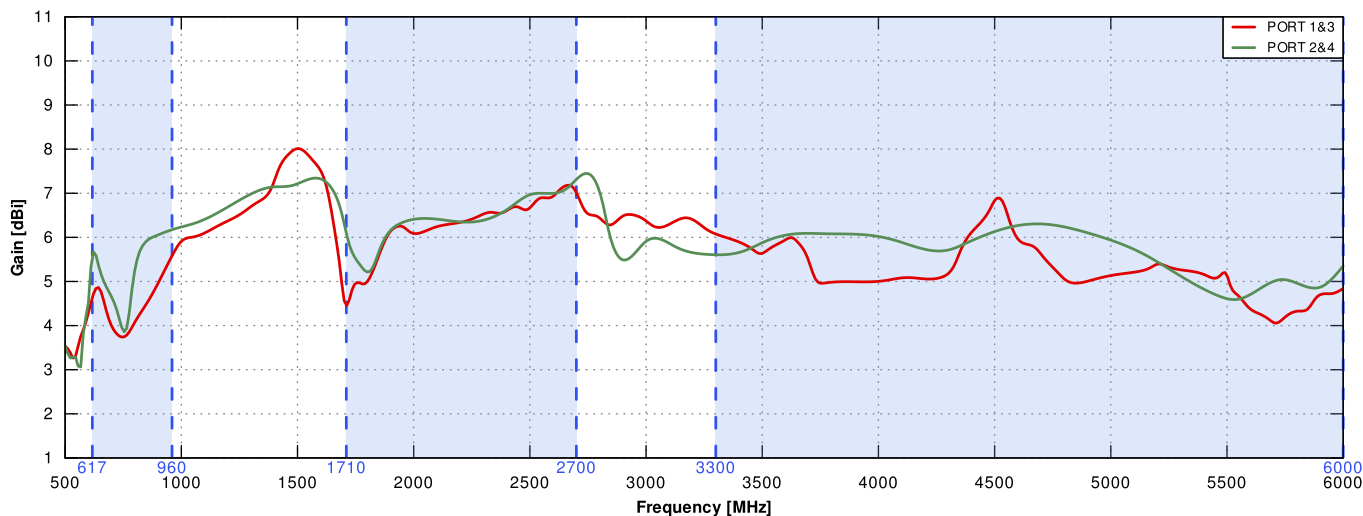
PEPLINK	Balance 310 5G, Balance 310 fiber 5G, BR1 Mini 5G, BR1 Pro (CAT-20), BR1 Pro CAT-20, BR2 PRO, MAX BR1 Pro 5G, MAX HD2, MAX HD2 Mini, MAX Transit, MAX Transit Duo Pro, UBR Plus
PROROUTE	H685 WRT M2M 5G Router, H900 5G Router
ROBUSTEL	EG5120, EG5200, R2000, R5010, R5020, R5020 Lite
SEMTECH (SIERRA WIRELESS)	AirLink MG90 5G, XR60
SIEMENS	6GK5853-2EA00-2DA1
TELTONIKA	RUTC50, RUTM51, RUTM54, RUTX12, RUTX14, RUTX50, TRB500
WAVETEL	W4600-NR 5G, W4A00 5G, WNR320 5G, WNR340 5G
WLINK	G230, G530, G530
ZYXEL	Nebula FWA510
OTHER	4 * SMA

PLOTS

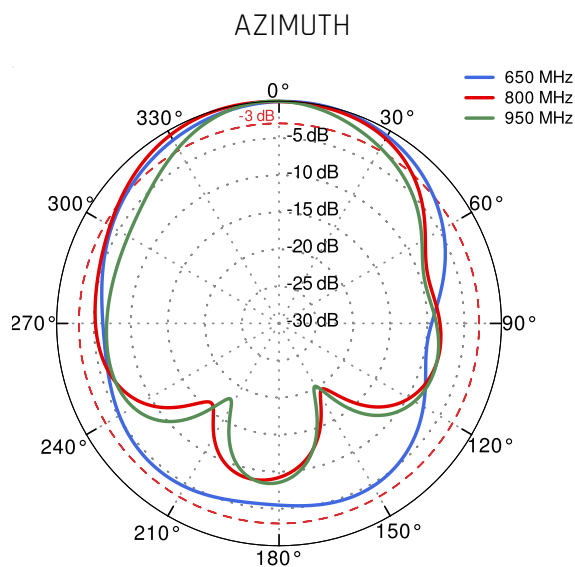
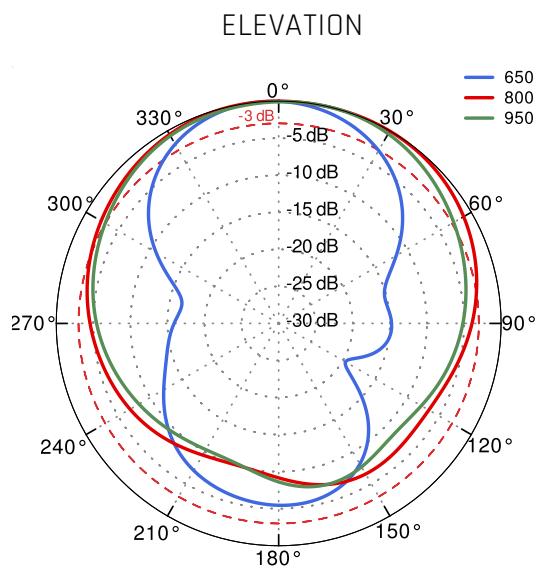
VSWR



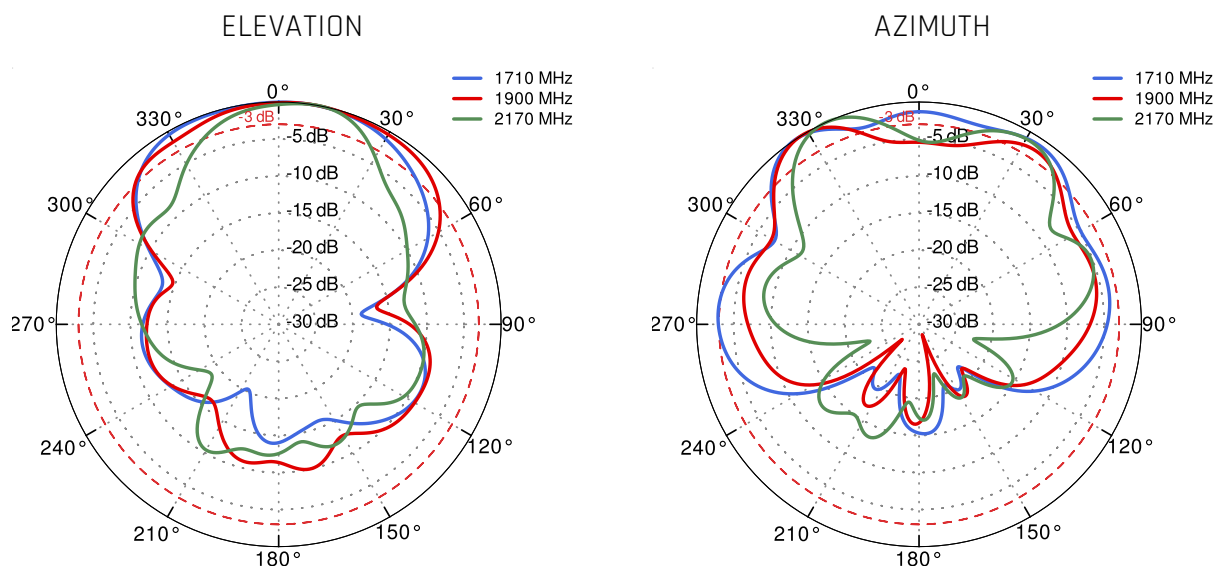
Gain



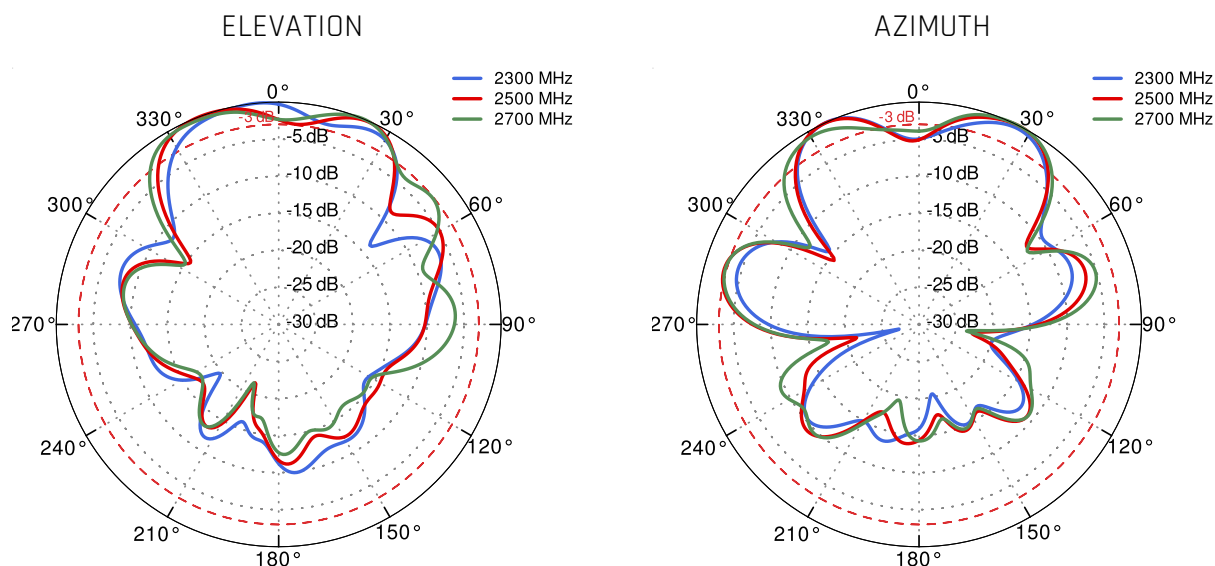
PORT 1 - 5G/LTE from 650MHz to 950MHz



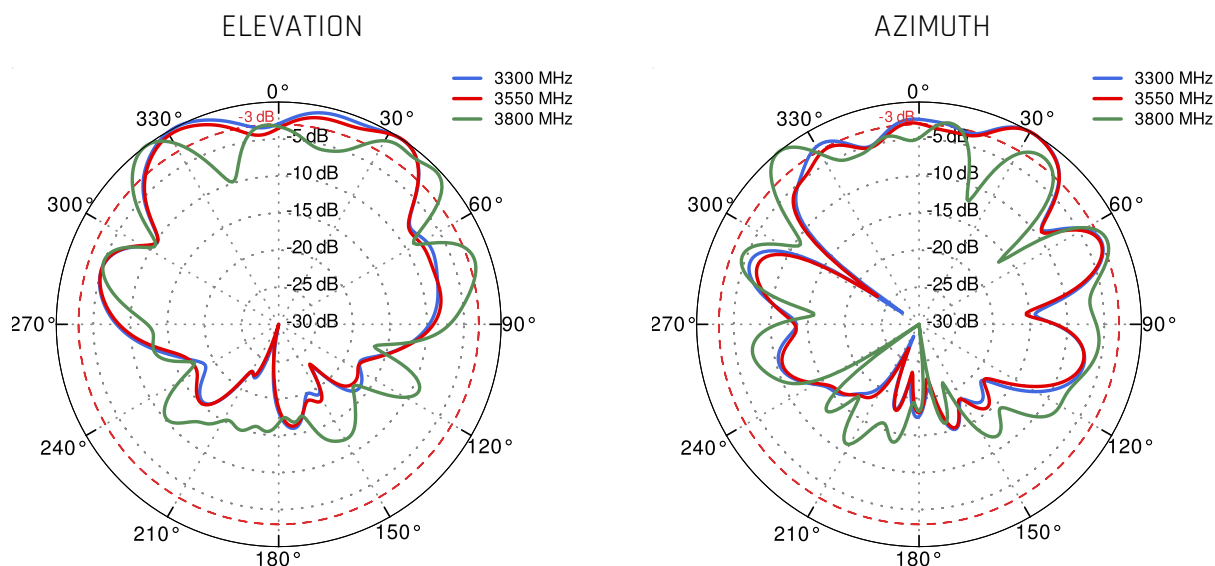
PORT 1 - 5G/LTE from 1.71GHz to 2.17GHz



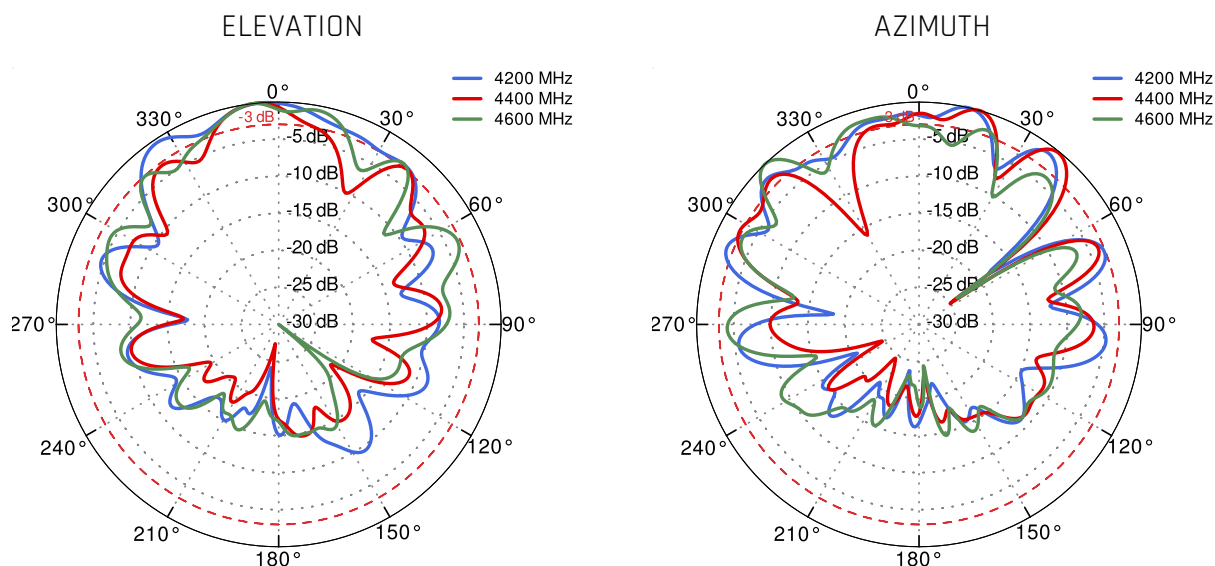
PORT 1 - 5G/LTE from 2.3GHz to 2.7GHz



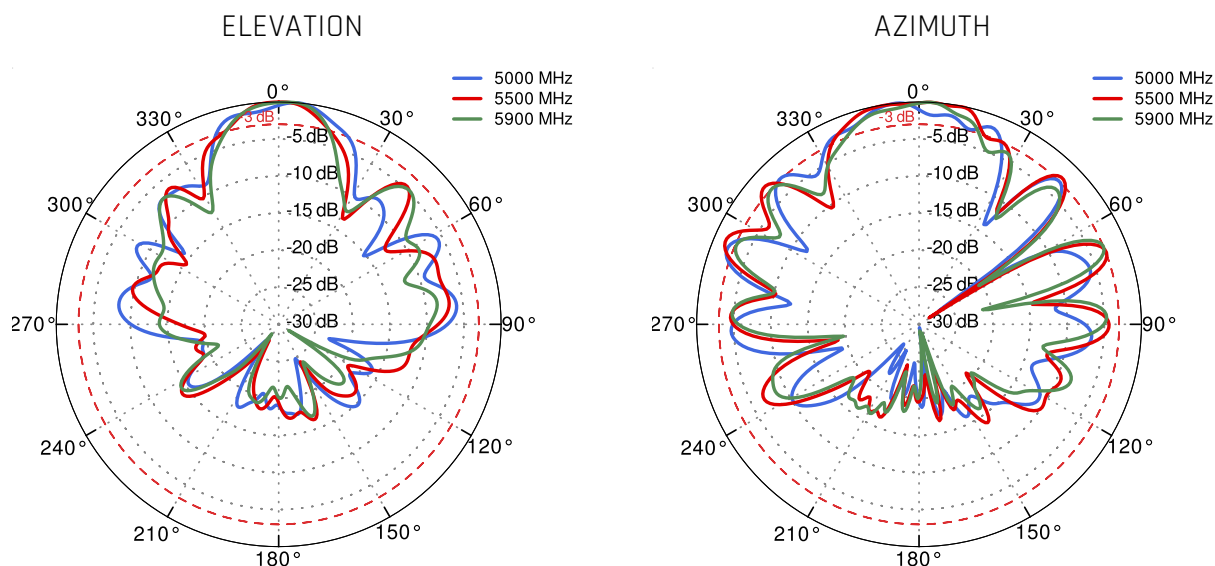
PORT 1 - 5G/LTE from 3.3GHz to 3.8GHz



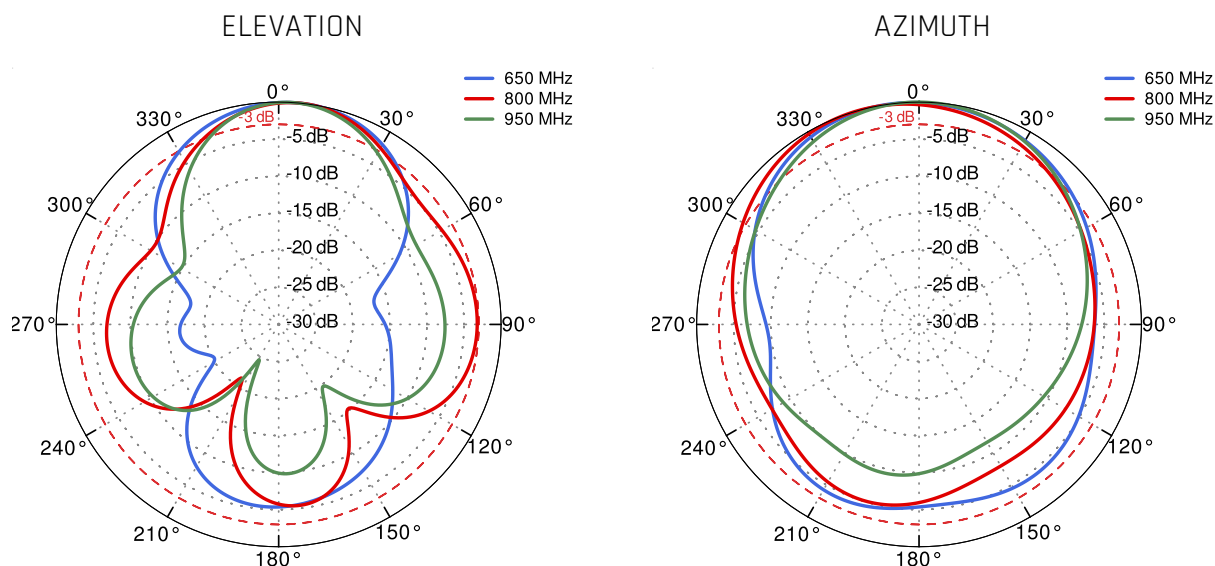
PORT 1 - 5G/LTE from 4.2GHz to 4.6GHz



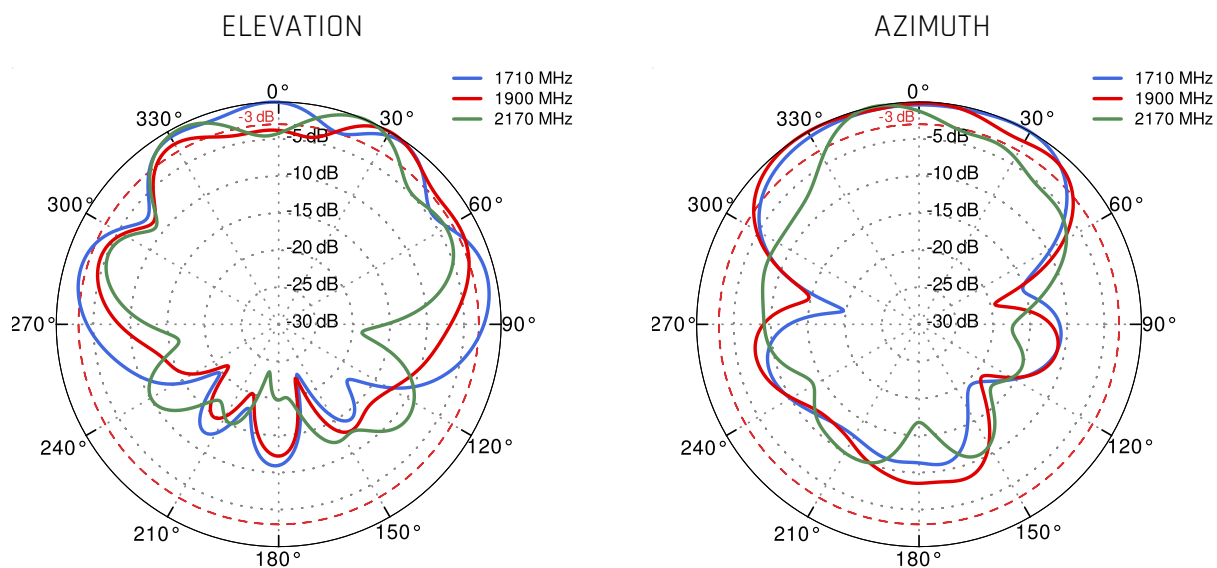
PORT 1 - 5G/LTE from 5.0GHz to 5.9GHz



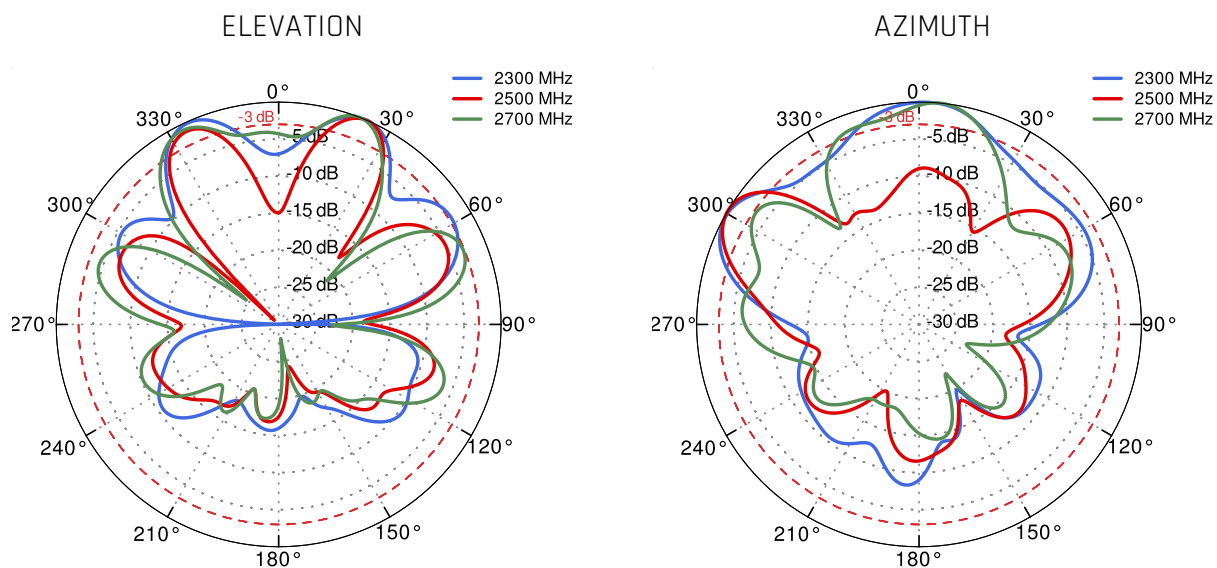
PORT 2 - 5G/LTE from 650MHz to 950MHz



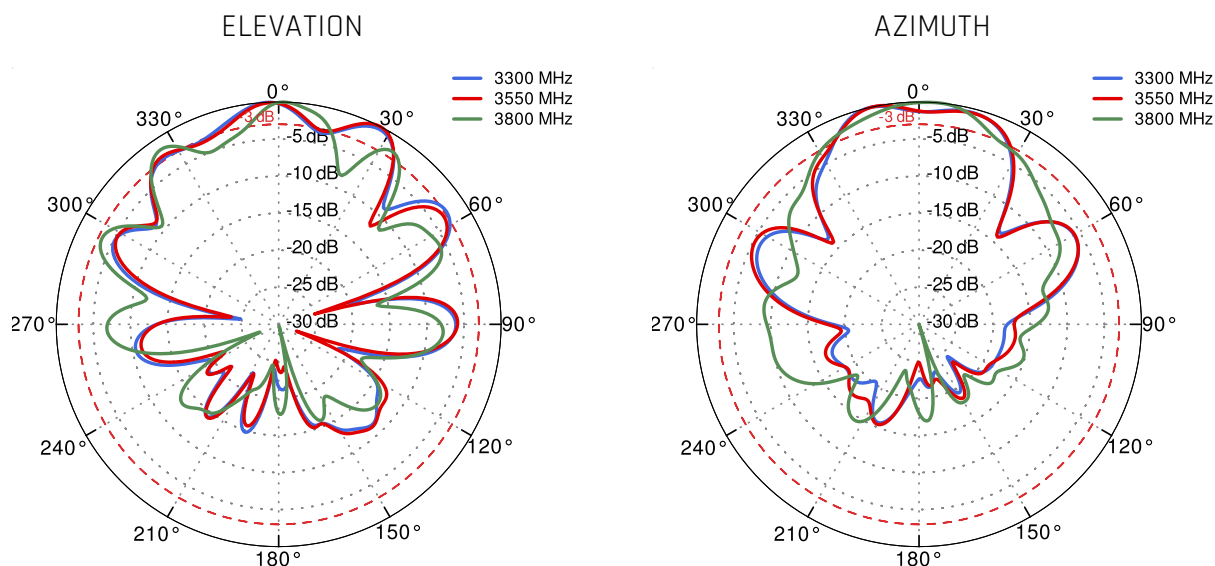
PORT 2 - 5G/LTE from 1.71GHz to 2.17GHz



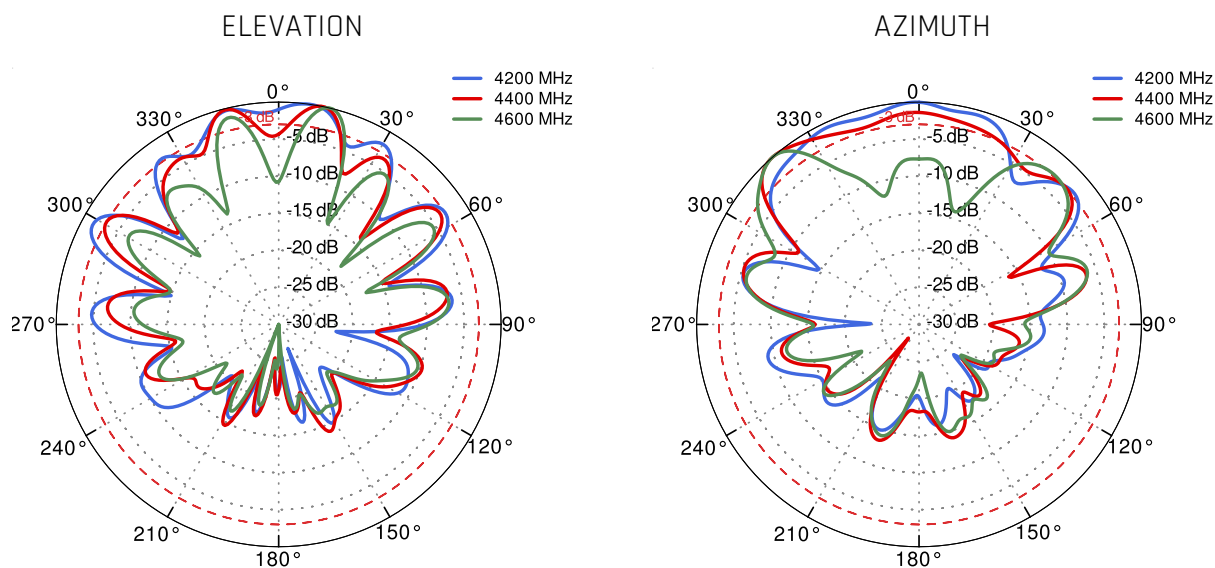
PORT 2 - 5G/LTE from 2.3GHz to 2.7GHz



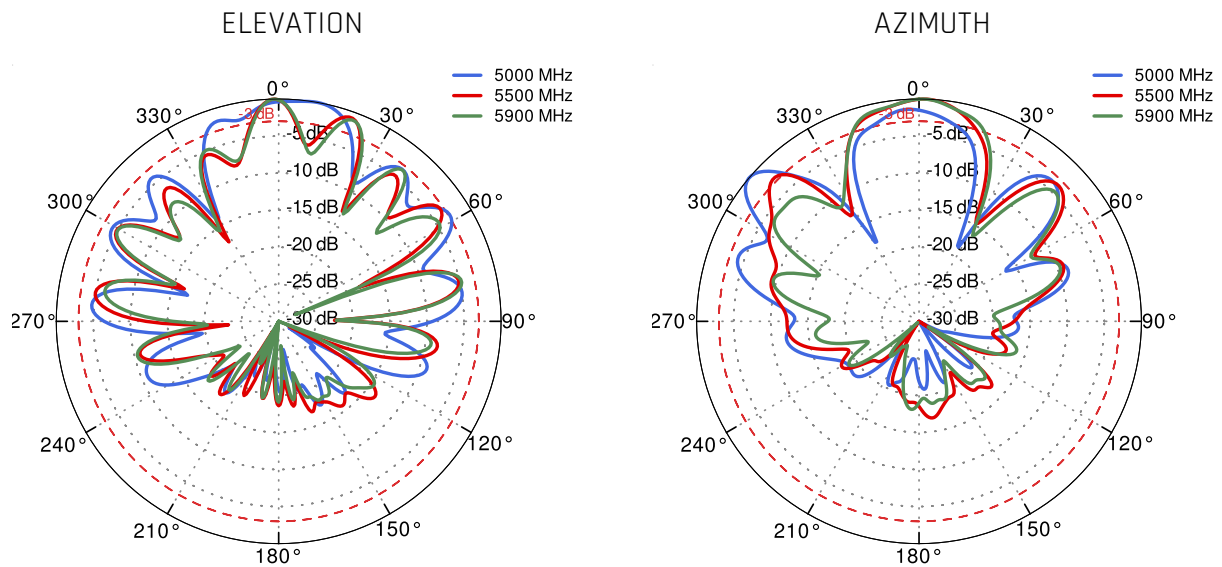
PORT 2 - 5G/LTE from 3.3GHz to 3.8GHz



PORT 2 - 5G/LTE from 4.2GHz to 4.6GHz



PORT 2 - 5G/LTE from 5.0GHz to 5.9GHz



DIMENSIONS

