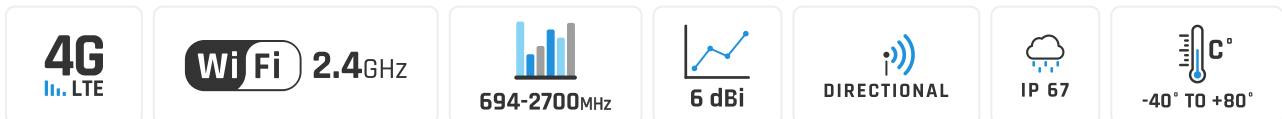


QuMax for RUT241/RUT240/RUT200/RUT230

Integrated outdoor multi band high power LTE directional antenna + outdoor Wi-Fi omni antenna + place to install Teltonika RUT241/RUT240/RUT200/RUT230 (All-in-one)

QuMAX offers the most powerful directional LTE antenna of all QuWireless antennas. It is dedicated to connections with long distance to base station. It is designed to have Teltonika **RUT241, RUT240, RUT230** or **RUT200** router installed inside IP67 enclosure. It is the first choice for fixed installations in industrial environment. **It has embedded also outdoor Wi-Fi omni antennas.**

NOTE: For RUT230 one LTE antenna is unplugged.



OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP67



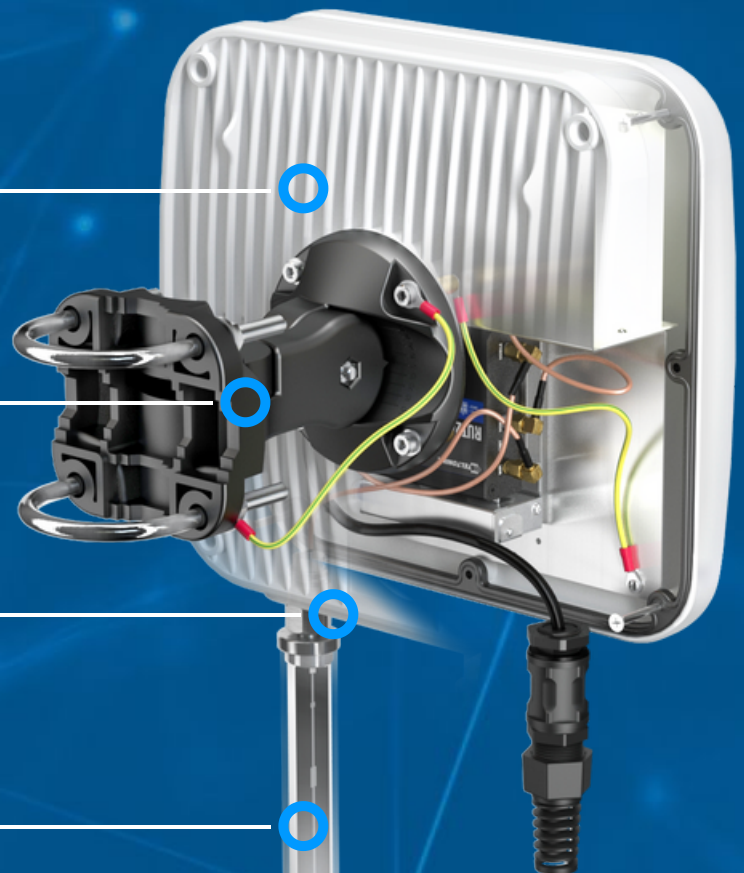
ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER



PASSIVE **POE SUPPORT**



MADE IN **EUROPE**



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, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 65, 66, 67, 68, 69, 85, 103, n80, n81, n82, n83, n84, n85, n89, n90, n95, n97, n98, n100, n101, n256
GAIN	694 - 960 MHz : 4 dBi 1.7 - 2.2 GHz : 5 dBi 2.2 - 2.7 GHz : 6 dBi
VSWR	<1.30, max <1.8
BEAMWIDTH	90°/90° ±30°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz
GAIN	6 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 + Nf + Nm in external omni Wi-Fi antenna
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 80°C From -40°F to 176°F

FREQUENCY BANDS

LTE / 4G GSM	<table border="1"> <tr> <td>5</td><td>8</td><td>12</td><td>13</td><td>14</td><td>17</td><td>18</td><td></td><td></td></tr> <tr> <td>19</td><td>20</td><td>26</td><td>27</td><td>28</td><td>29</td><td>44</td><td></td><td></td></tr> <tr> <td>67</td><td>68</td><td>85</td><td>103</td><td>n81</td><td>n82</td><td>n83</td><td></td><td></td></tr> <tr> <td>n89</td><td>n100</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> <p>617 MHz 960</p>	5	8	12	13	14	17	18			19	20	26	27	28	29	44			67	68	85	103	n81	n82	n83			n89	n100							
5	8	12	13	14	17	18																															
19	20	26	27	28	29	44																															
67	68	85	103	n81	n82	n83																															
n89	n100																																				
LTE / 4G UMTS	<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>9</td><td>10</td><td>25</td><td></td><td></td></tr> <tr> <td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>39</td><td>n80</td><td></td><td></td></tr> <tr> <td>n84</td><td>n86</td><td>n95</td><td>n98</td><td>n101</td><td></td><td></td><td></td><td></td></tr> </table> <p>1710 MHz 2170 MHz</p>	1	2	3	4	9	10	25			33	34	35	36	37	39	n80			n84	n86	n95	n98	n101													
1	2	3	4	9	10	25																															
33	34	35	36	37	39	n80																															
n84	n86	n95	n98	n101																																	
LTE / 4G WCS DARS	<table border="1"> <tr> <td>2300 MHz</td><td>30</td><td>40</td><td>n97</td><td></td><td></td><td></td><td></td><td>2400 MHz</td></tr> </table>	2300 MHz	30	40	n97					2400 MHz																											
2300 MHz	30	40	n97					2400 MHz																													

LTE / 4G

2400
MHz

7

38

41

53

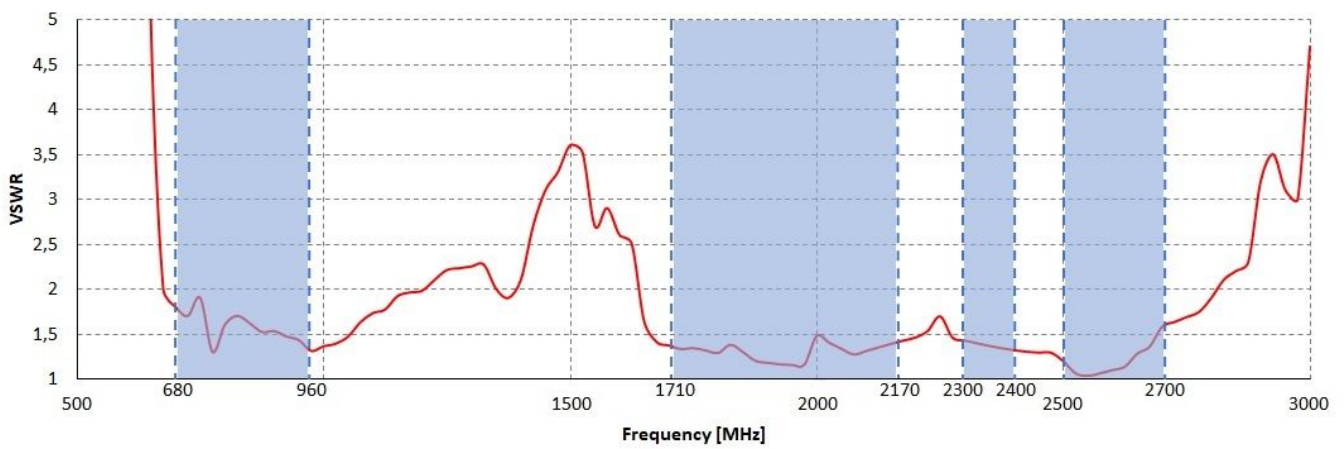
69

n90

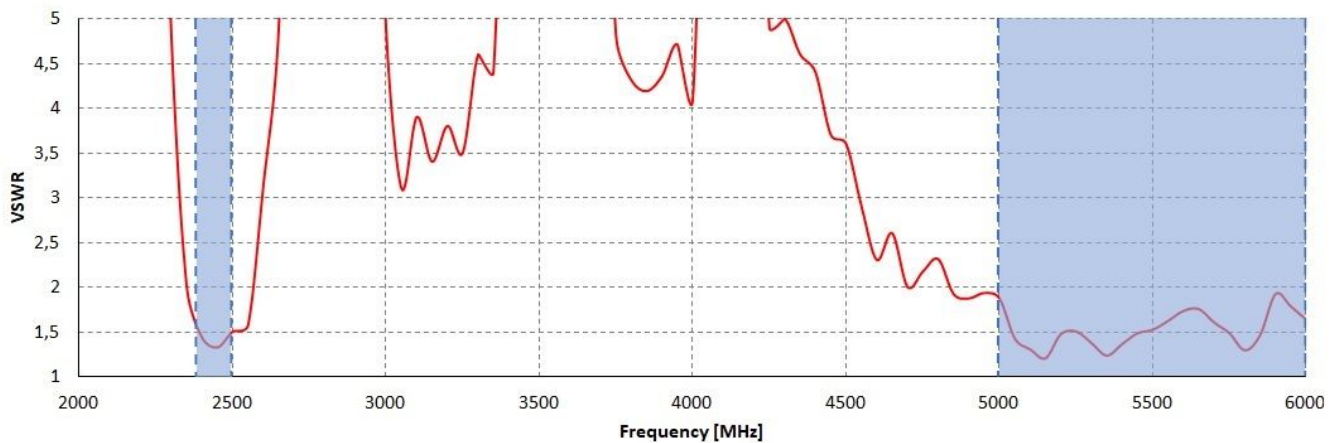
2700
MHz

PLOTS

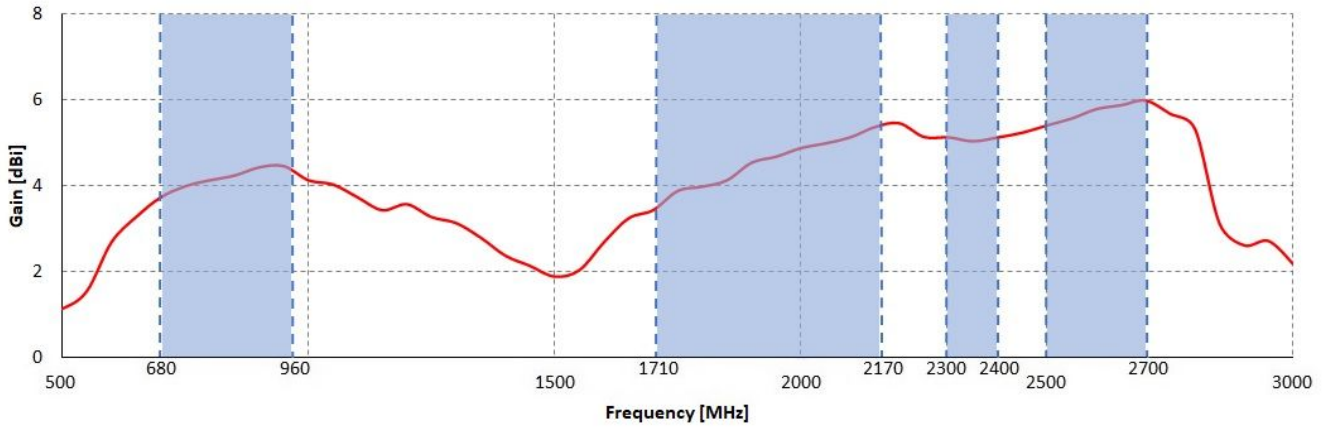
VSWR for LTE antenna



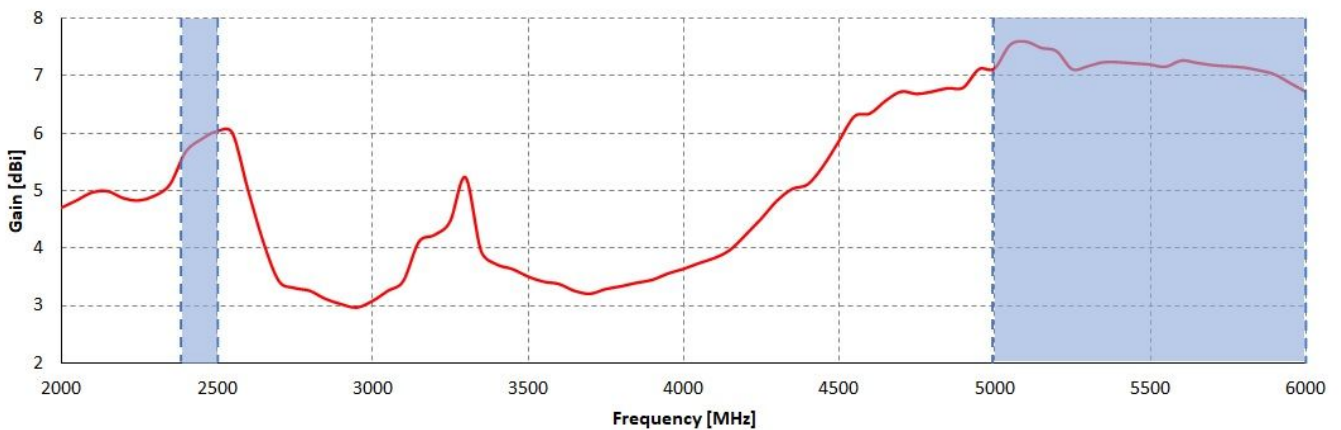
VSWR for Wi-Fi antenna

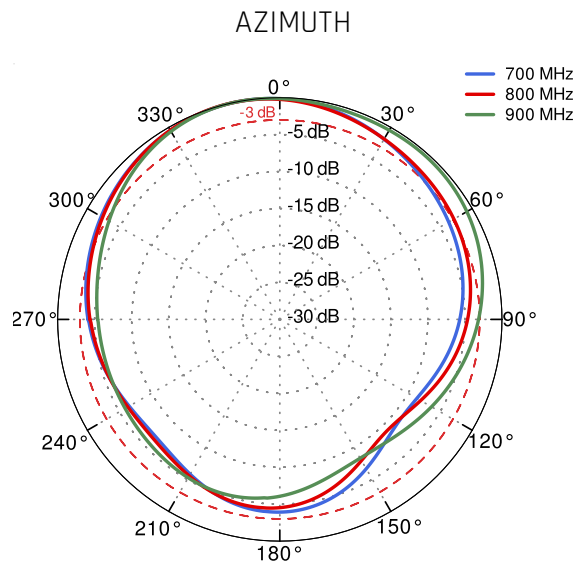
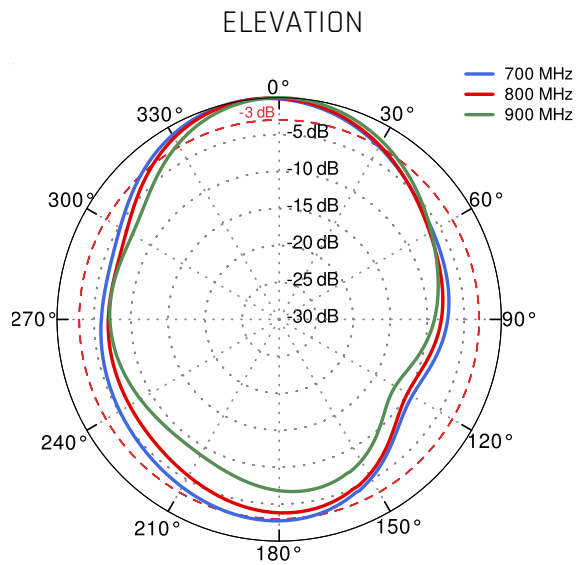
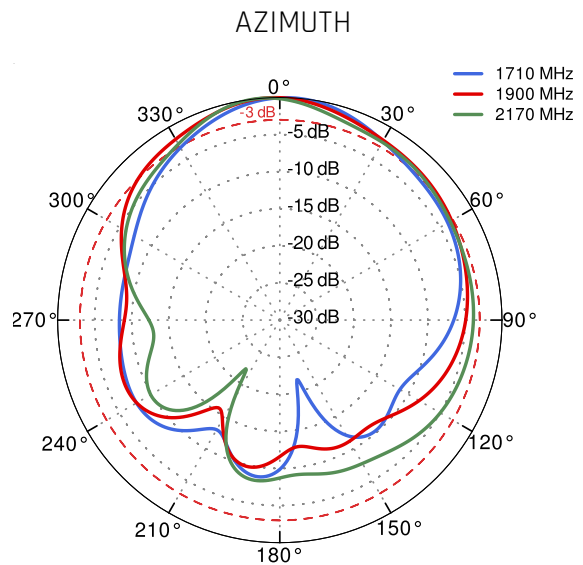
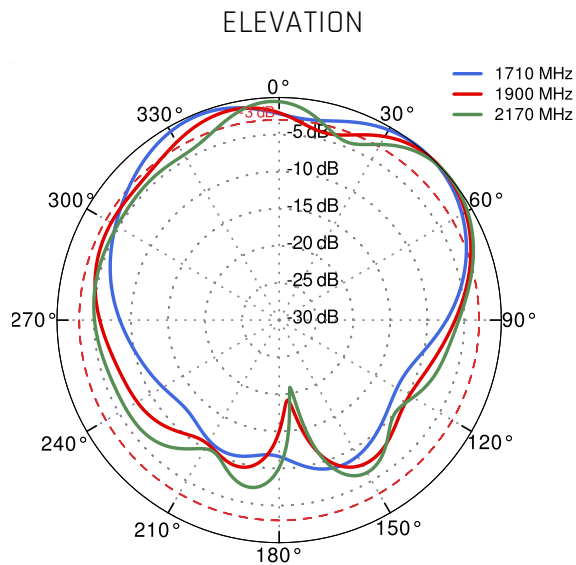


Gain for LTE antenna

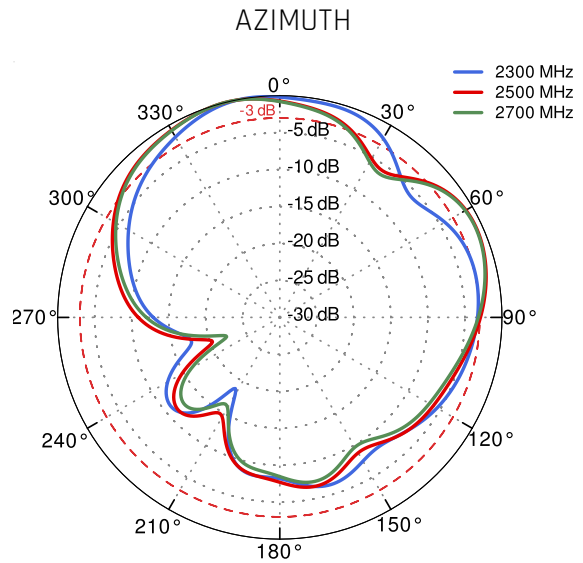
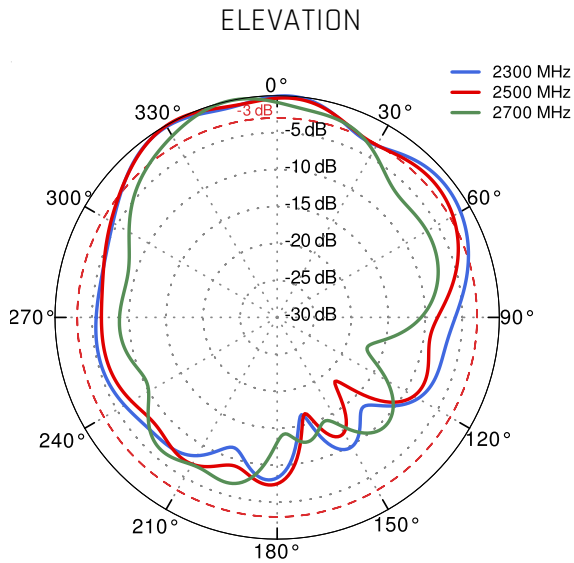


Gain for Wi-Fi antenna

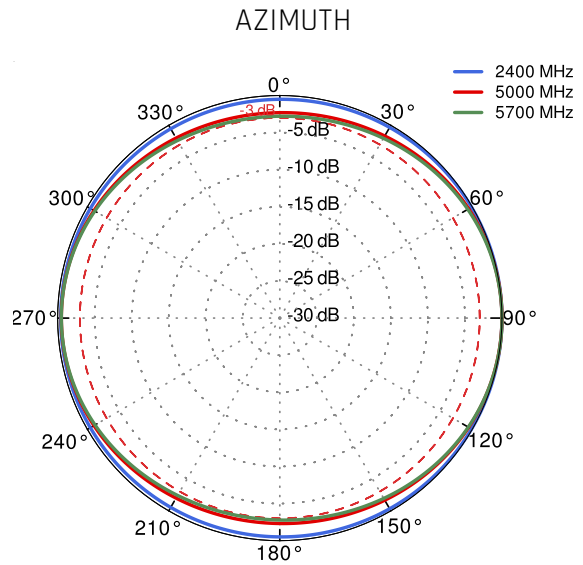
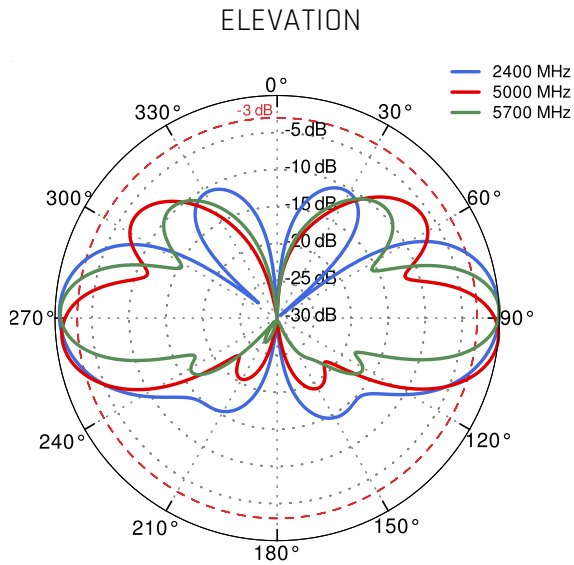


LTE from 700MHz to 900MHz

LTE from 1.71GHz to 2.17GHz


LTE from 2.3GHz to 2.7GHz



Wi-Fi 2.4GHz and 5GHz



DIMENSIONS

