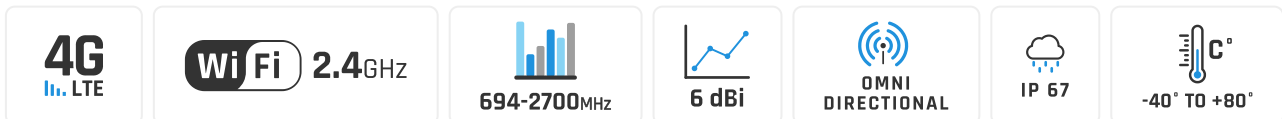


# QuSpot for RUT241/RUT240/RUT200/RUT230

**Integrated multi-band LTE omni antenna + WiFi omni antenna + place to install Teltonika RUT241, RUT240 or 230 (All-in-one)**

QuSpot omnidirectional LTE antenna for Teltonika **RUT241, RUT240, RUT230 or RUT200 routers** is a perfect outdoor device for mobile and fixed installations e.g. CCTV, hotspots, industrial areas, campervans, ships etc.. In addition to having omnidirectional, multi-band LTE antennas, **it has also embedded omnidirectional Wi-Fi antenna**. if you use RUT241, RUT240, RUT230 or RUT200 with QuSpot antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.



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



ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER



WALL OR MAST MOUNTING SYSTEM



MADE IN **EUROPE**



## LTE ANTENNA SPECIFICATION

<b>FREQUENCY</b>	694 - 960 MHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
<b>SUPPORTED LTE/5G BANDS</b>	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
<b>GAIN</b>	694 - 960 MHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.2 - 2.7 GHz : 4 dBi
<b>VSWR</b>	<1.60, max <2.00
<b>BEAMWIDTH</b>	360°/35° ±5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω

## WI-FI ANTENNA SPECIFICATION

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

## MECHANICAL SPECIFICATION

<b>MATERIALS</b>	ABS, aluminum, PTFE
<b>CONNECTOR TYPE</b>	RJ45
<b>INGRESS PROTECTION</b>	IP67
<b>DIMENSIONS</b>	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
<b>WEIGHT</b>	1.5 kg 3.31 lbs
<b>OPERATING TEMPERATURE</b>	From -40°C to 80°C From -40°F to 176°F

## FREQUENCY BANDS

<b>LTE / 4G GSM</b>	<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>100</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> <p>617 MHz <span style="float: right;">960 MHz</span></p>	5	8	12	13	14	17	18			19	20	26	27	28	29	44			67	68	85	103	n81	n82	n83			n89	100							
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n89	100																																				
<b>LTE / 4G UMTS</b>	<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 <span style="float: right;">2170 MHz</span></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																															
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<b>LTE / 4G WCS DARS</b>	<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></td></tr> </table> <p><span style="float: right;">2400 MHz</span></p>	2300 MHz	30	40	n97																																
2300 MHz	30	40	n97																																		

LTE / 4G

2400  
MHz

7

38

41

53

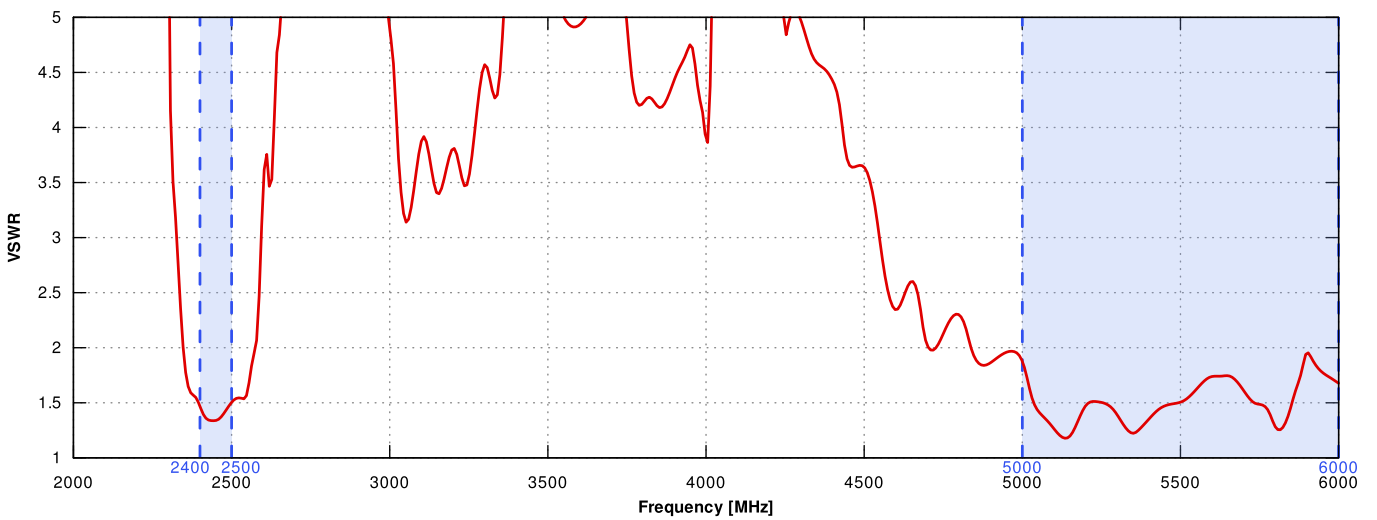
69

n90

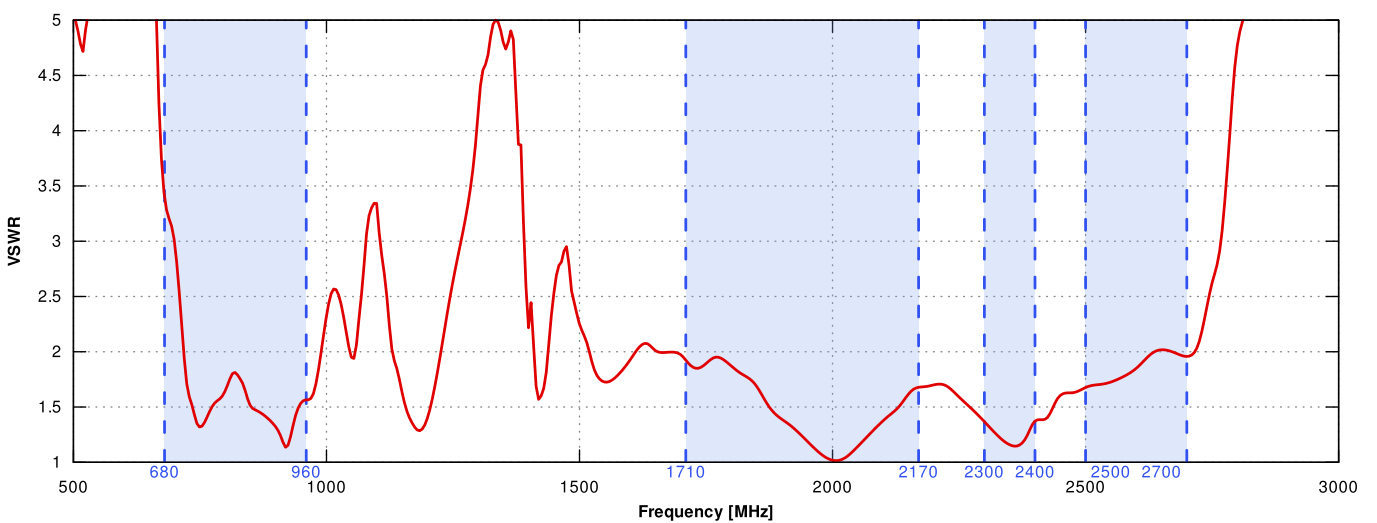
2700  
MHz

## PLOTS

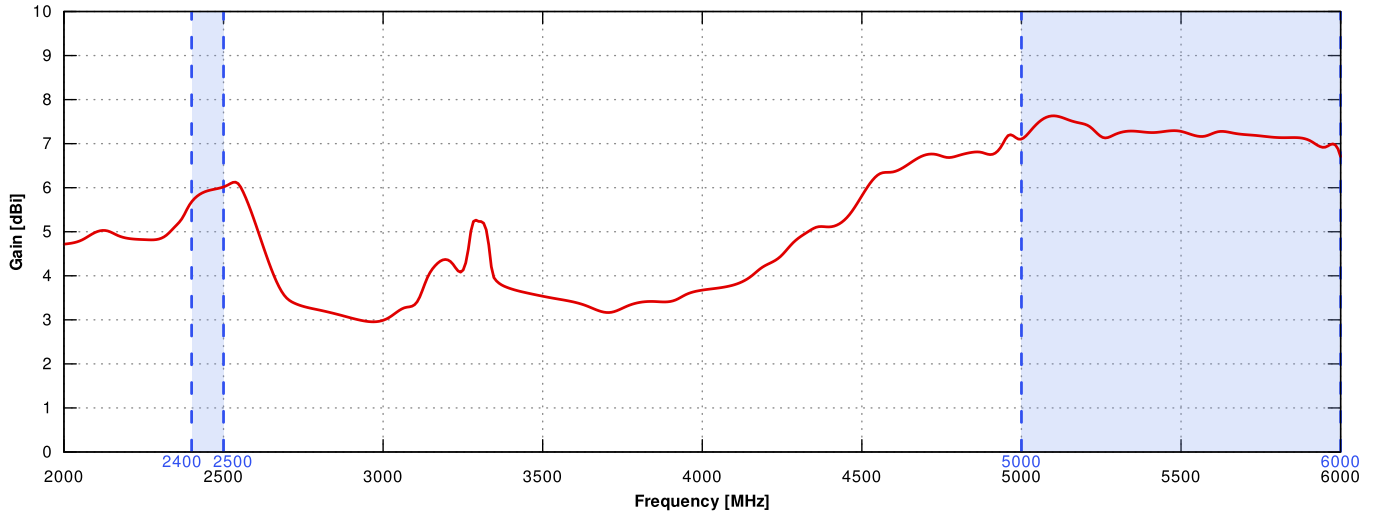
### VSWR for Wi-Fi antenna



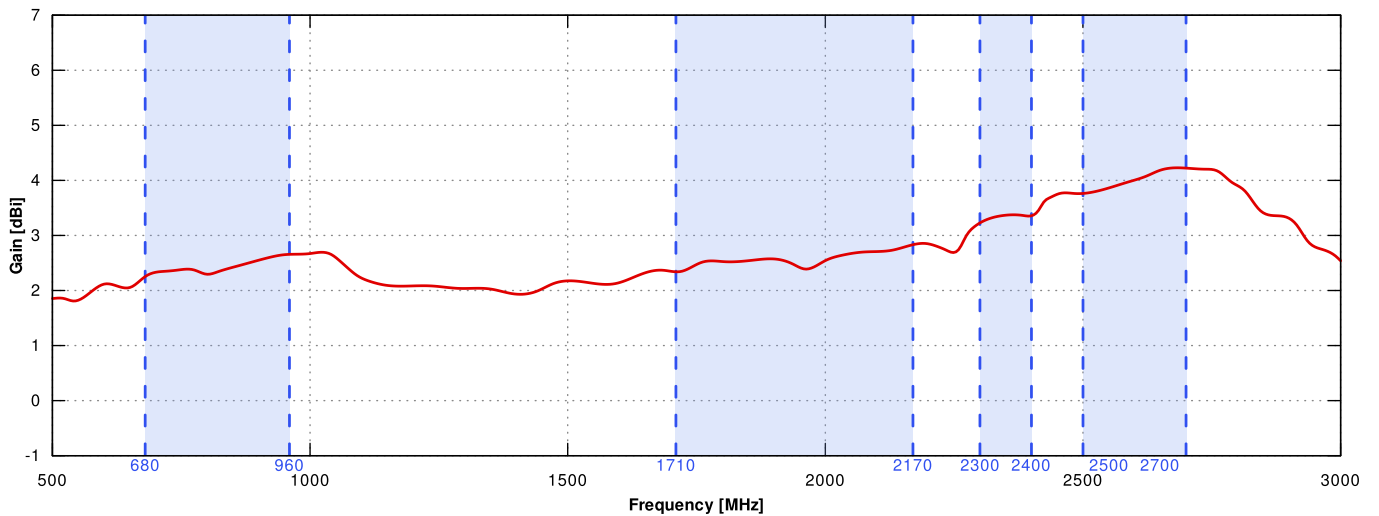
### VSWR for LTE antenna

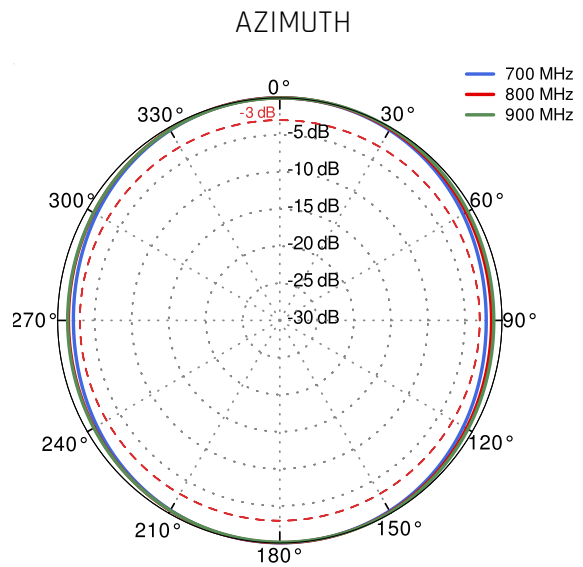
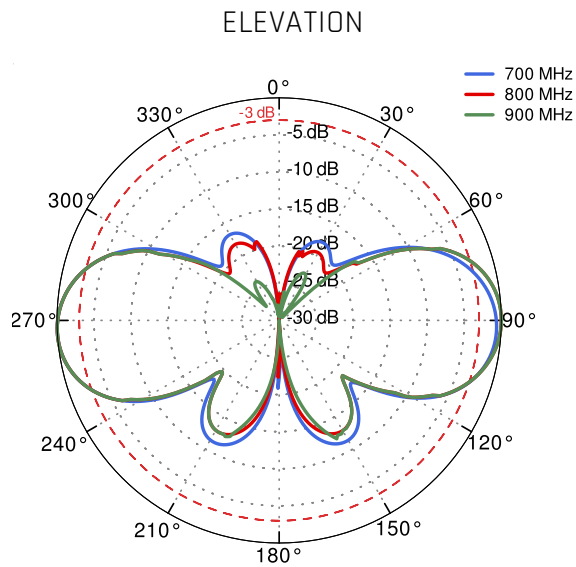
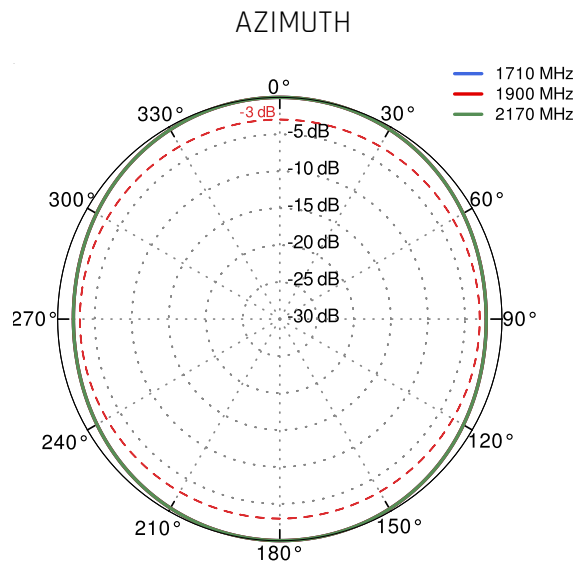
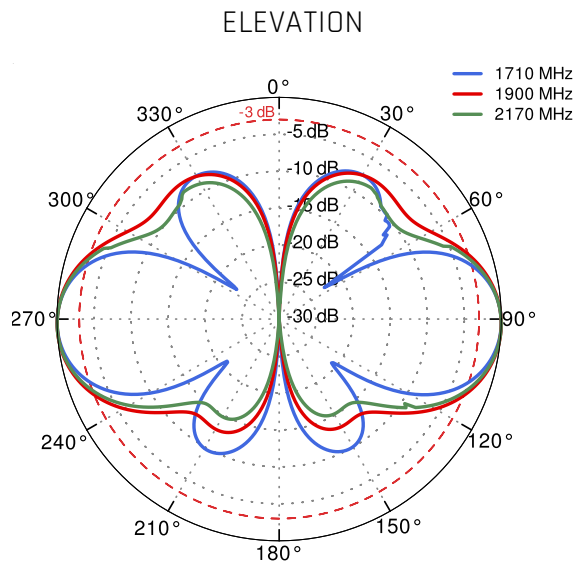


### Gain for Wi-Fi antenna

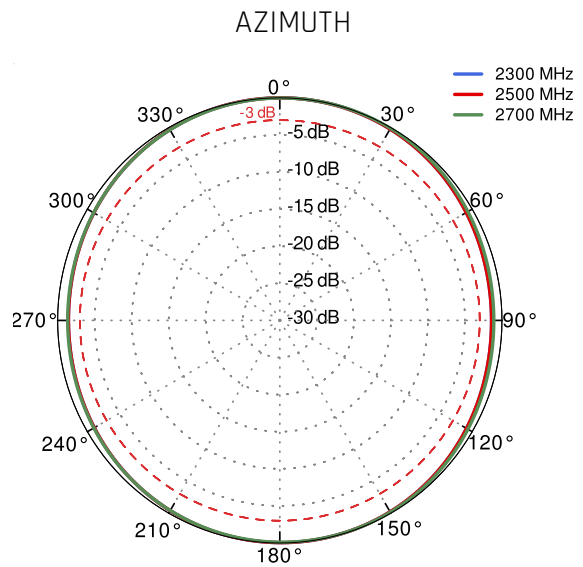
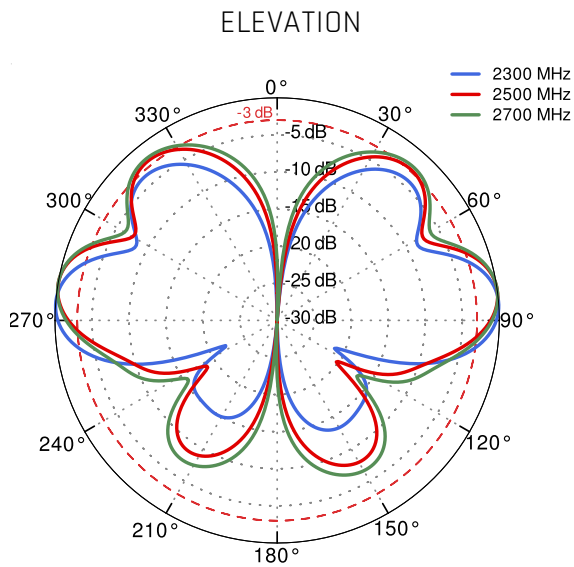


### Gain for LTE antenna

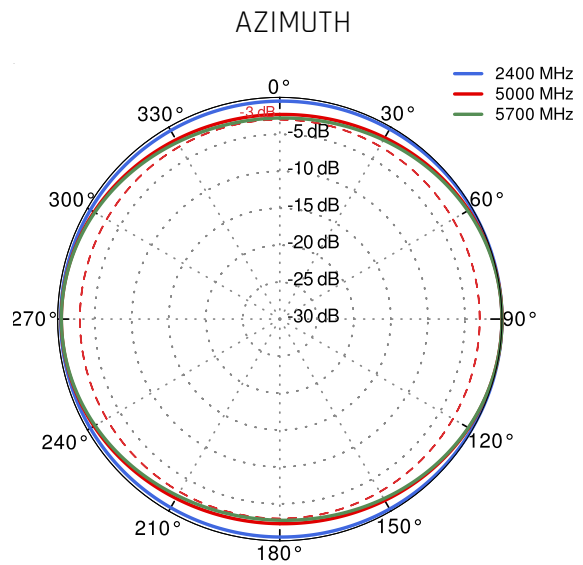
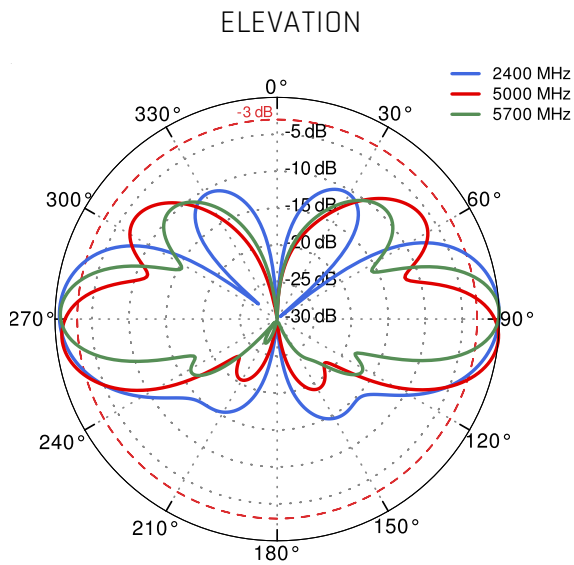


**LTE from 700MHz to 900MHz**

**LTE from 1.71GHz to 2.17GHz**


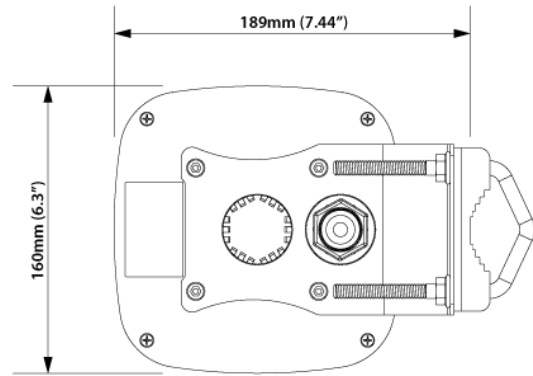
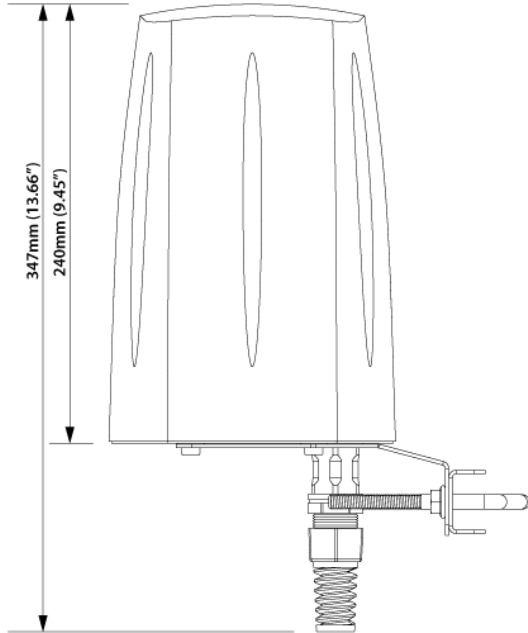
LTE from 2.3GHz to 2.7GHz



Wi-Fi 2.4GHz and 5GHz



## DIMENSIONS





**Delmation**  
products



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Blauw-roodlaan 300  
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079 - 342 20 41

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