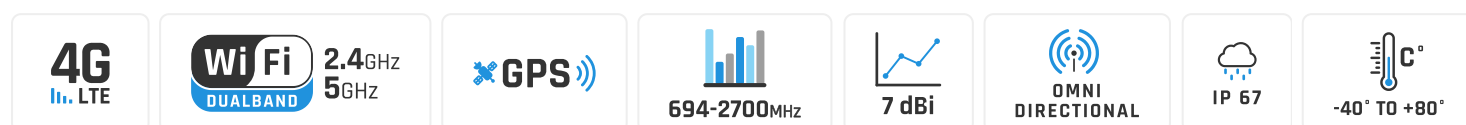


QuSpot for Semtech / Sierra Wireless RV55

Integrated multi-band LTE omni antenna + WiFi omni antenna + GPS antenna + place to install Semtech / Sierra Wireless RV55 (All-in-one)

QuSpot omni LTE antenna for Semtech / Sierra Wireless **RV55** router is a perfect outdoor device for mobile and fixed installations like industrial, CCTV, hotspots, yachts, boats, campers, RV etc. It also has embedded Wi-Fi dualband 2.4 & 5 GHz omni antenna, GPS antenna and Bluetooth antenna. If you use **RV55** with QuSpot antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure. The set contains a [Passive PoE splitter](#), allowing you to split data and power from a single Ethernet cable and maintain gigabit transfer speeds while protecting the LAN port from damage caused by overvoltage, short circuit or improper connection. **NOTE:** should only be used with a 24V (or lower voltage) Passive PoE power supply it is not compatible with an 802.3af/at power source!

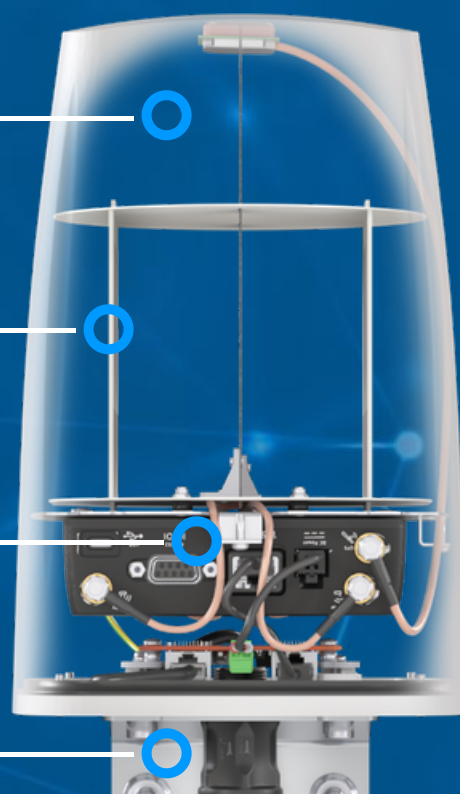


 OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP67

 ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER

 WALL OR MAST MOUNTING SYSTEM

 MADE IN **EUROPE**



LTE ANTENNA SPECIFICATION

FREQUENCY	694 - 960 MHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
GAIN	694 - 960 MHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.2 - 2.7 GHz : 4 dBi
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
VSWR	<1.60, max <2.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
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

POE SPECIFICATION

POE TYPE	Passive PoE up to 24V, not compatible with an 802.3af/at power source!
POE IN MODE	Mode type: B
IEEE STANDARD	IEEE 802.3ab 1000Base-T Gigabit Ethernet

MECHANICAL SPECIFICATION

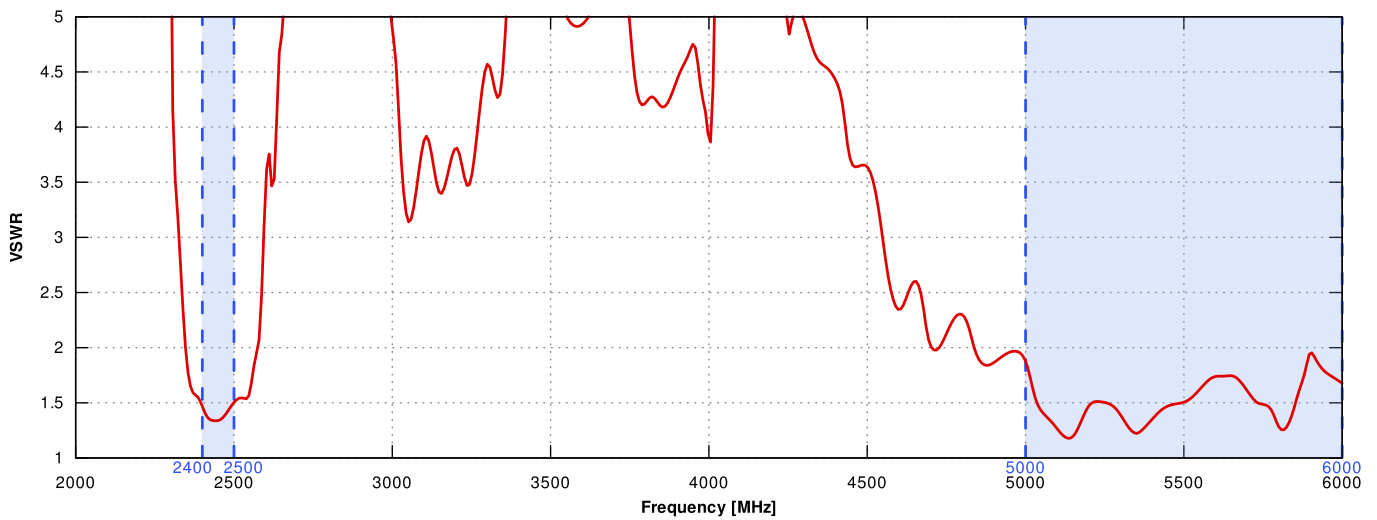
MATERIALS	ABS, aluminum, PTFE
CONNECTOR TYPE	RJ45
INGRESS PROTECTION	IP67
DIMENSIONS	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
WEIGHT	1.5 kg 3.31 lbs
OPERATING TEMPERATURE	From -40°C to 80°C From -40°F to 176°F
MAST DIAMETER	40-60 mm 1.57-2.36 inch

FREQUENCY BANDS

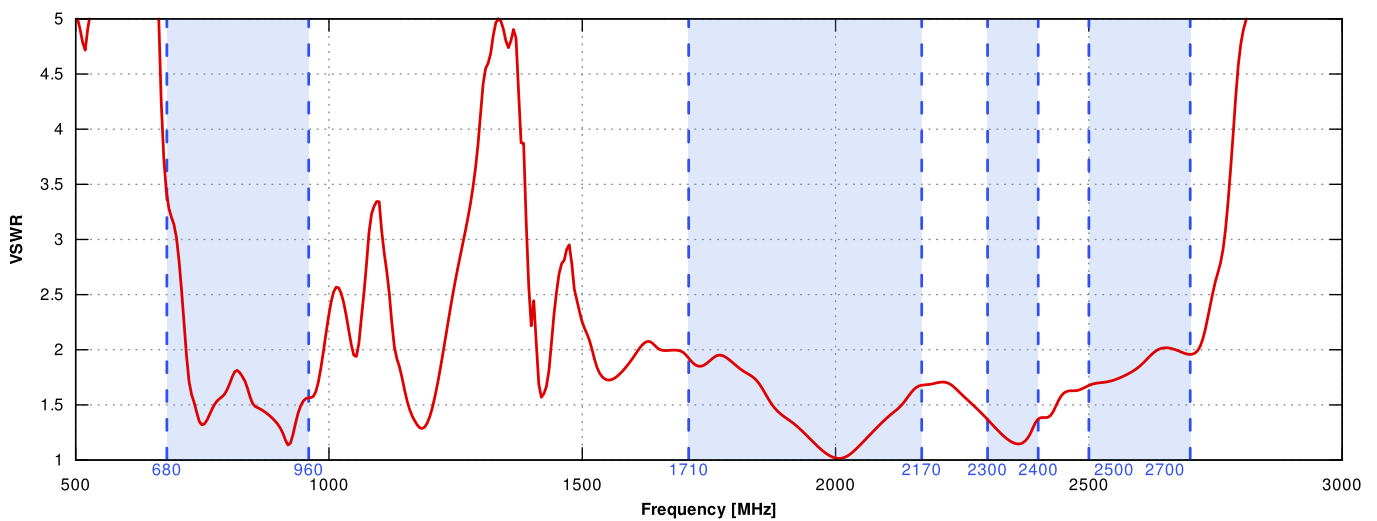
5G / LTE GSM	<div> <div>5694 MHz</div> <div> <div>5</div> <div>6</div> <div>8</div> <div>12</div> <div>13</div> <div>14</div> <div>17</div> <div>18</div> <div>19</div> <div>20</div> <div>26</div> <div>27</div> <div>28</div> <div>29</div> <div>44</div> <div>67</div> <div>68</div> <div>85</div> <div>n81</div> <div>n82</div> <div>n83</div> <div>n89</div> </div> <div>960 MHz</div> </div>
5G / LTE UMTS	<div> <div>1710 MHz</div> <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>9</div> <div>10</div> <div>25</div> <div>33</div> <div>34</div> <div>35</div> <div>36</div> <div>37</div> <div>39</div> <div>59</div> <div>62</div> <div>n80</div> <div>n84</div> <div>n86</div> <div>n95</div> </div> <div>2170 MHz</div> </div>
5G / LTE WCS DARS	<div> <div>2300 MHz</div> <div> <div>30</div> <div>40</div> </div> <div>2400 MHz</div> </div>
5G / LTE	<div> <div>2400 MHz</div> <div> <div>7</div> <div>38</div> <div>41</div> <div>53</div> <div>69</div> <div>n90</div> </div> <div>2700 MHz</div> </div>

PLOTS

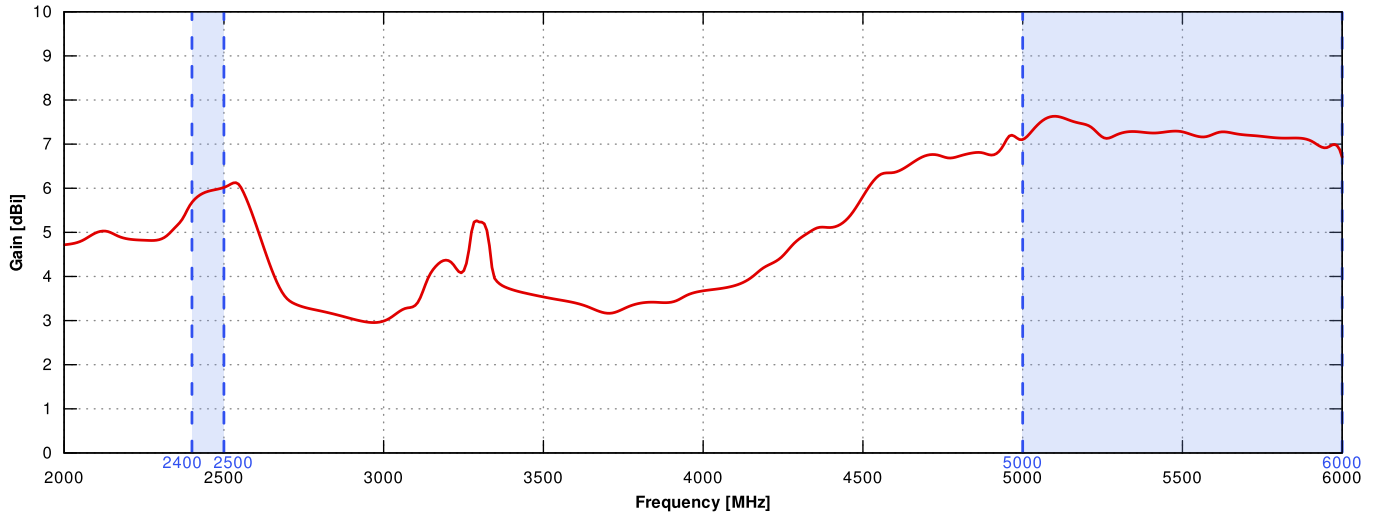
VSWR for Wi-Fi antenna



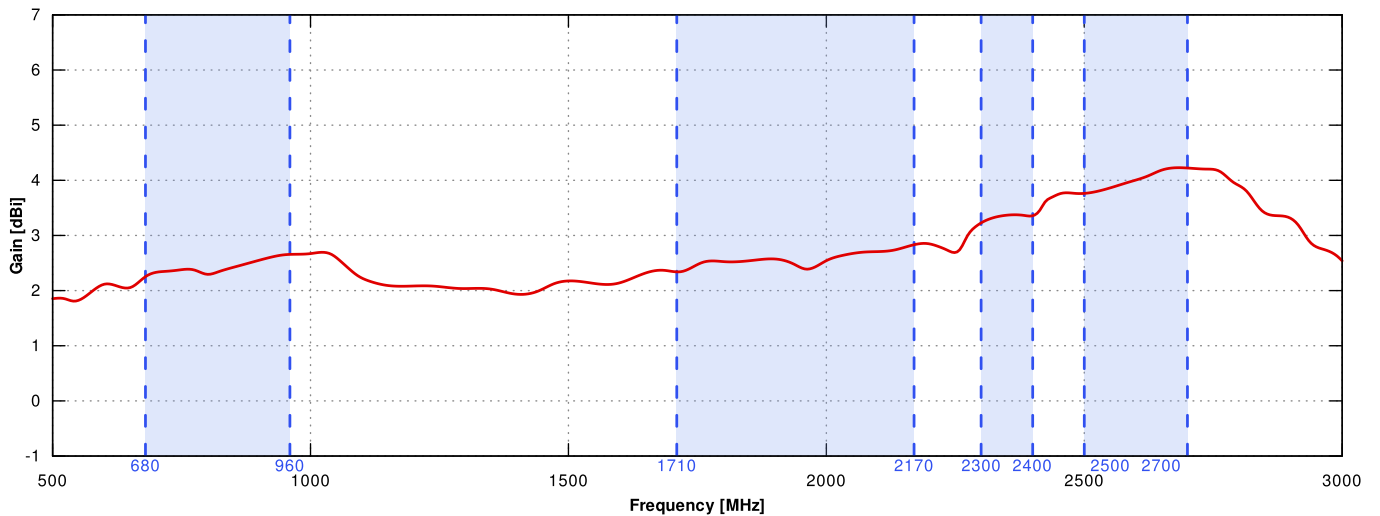
VSWR for LTE antenna



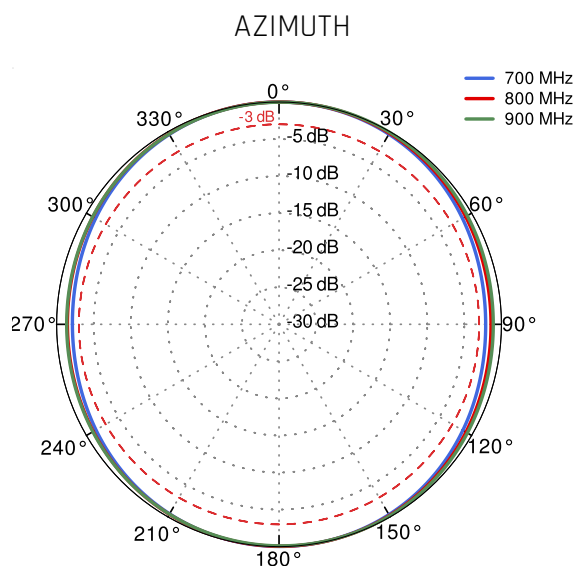
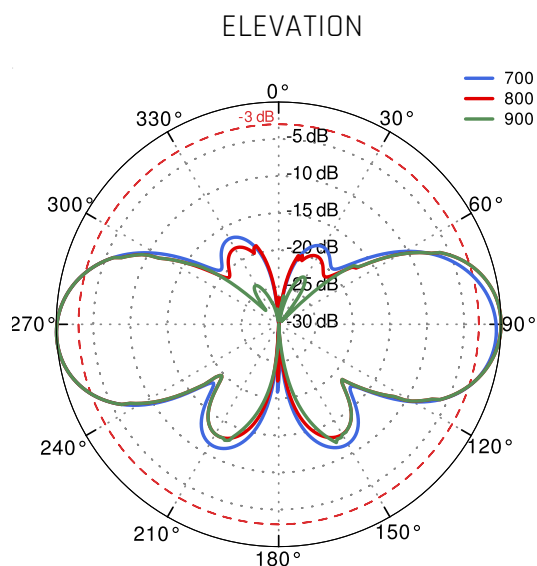
Gain for Wi-Fi antenna



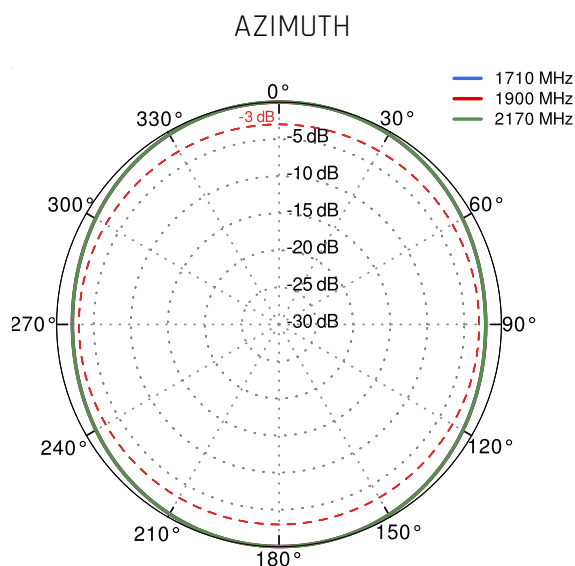
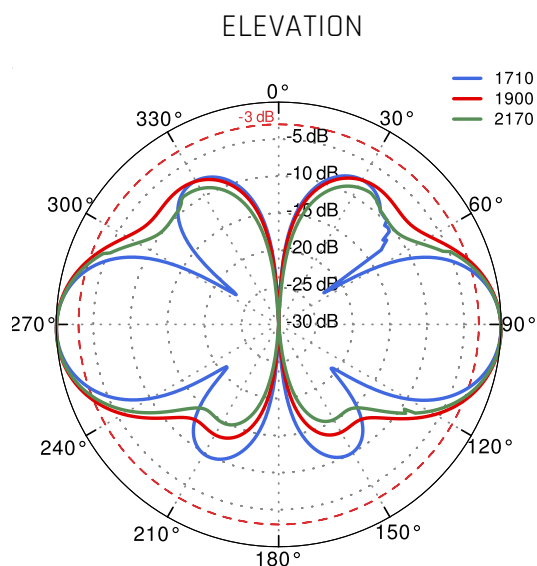
Gain for LTE antenna



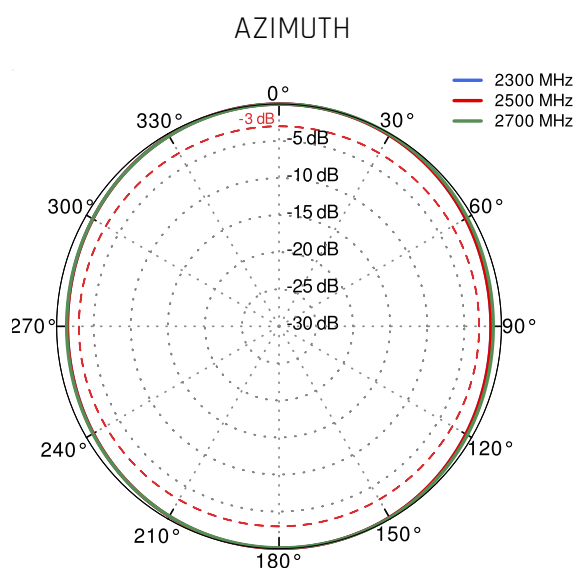
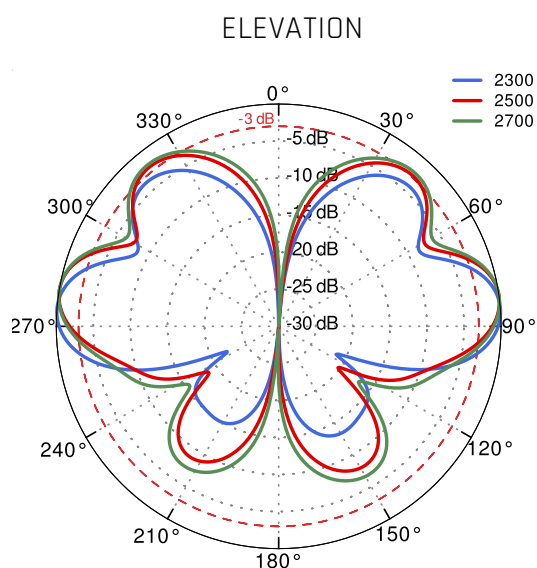
LTE from 700MHz to 900MHz



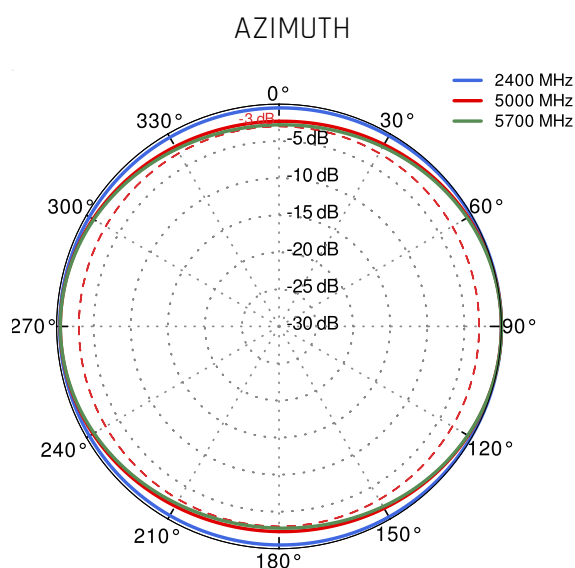
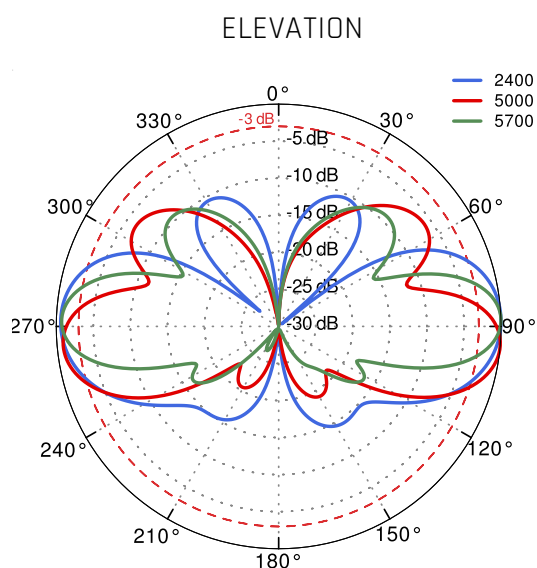
LTE from 1.71GHz to 2.17GHz



LTE from 2.3GHz to 2.7GHz



Wi-Fi 2.4GHz and 5GHz



DIMENSIONS

