

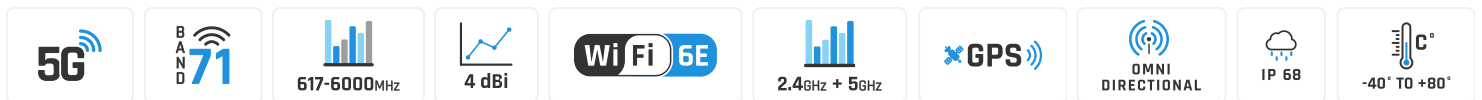
QuSpot for Semtech XR60 + Active PoE Splitter

INTEGRATED MULTI-BAND 5G OMNI ANTENNA + WI-FI 6E OMNI ANTENNA + GPS ACTIVE ANTENNA + ACTIVE POE SPLITTER + PLACE TO INSTALL SEMTECH XR60 (ALL-IN-ONE)

QuSpot antenna for Semtech XR60 router is a perfect outdoor device for mobile and fixed installations like industrial, CCTV, hotspots, yachts, boats, campers, RV etc. It has embedded omni 5G and omni Wi-Fi 6E antenna. If you use XR60 with QuSpot antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

Wi-Fi 6E support!

The set contains a [Active 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.



OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP68



GALVANIZED STEEL, WALL OR POLE MOUNTING BRACKET



WIDE BAND 600-6000MHZ, 5G TECHNOLOGY



ANTENNA PERFECTLY MATCHED WITH THE SEMTECH XR60



ALL ANTENNAS AND SEMTECH ROUTER INTEGRATED IN ONE ENCLOSURE



5G / LTE ANTENNA SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.7 GHz 5.2 - 6.0 GHz
GAIN	617 - 960 MHz : 3 dBi 1.7 - 2.2 GHz : 4 dBi 3.3 - 4.7 GHz : 4.5 dBi 5.2 - 6.0 GHz : 2.5dBi
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, 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, n47, n48, n53, n65, n66, n67, n71, n77, n78, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256
VSWR	<1.80, max <2.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	4x SMA
CABLE TYPE	RG316

WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.2 GHz
GAIN	2.4 - 2.5 GHz: 6dBi 5 GHz: 7.5dBi 7 GHz: 7.5dBi
VSWR	< 1.50, max < 2.00
BEAMWIDTH	360°/25°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	2x RPSMA
CABLE TYPE	RG316

GPS ACTIVE ANTENNA SPECIFICATION

FREQUENCY	1.56 - 1.61 GHz
VSWR	< 2
GAIN	3 dBi
GAIN 3V	28 dBi
DC POWER INPUT	2.5 V ~ 6.5 V
POWER CONSUMPTION	2.5-6.5mA
IMPEDANCE	50 Ω

POLARIZATION

RHCP (right hand circularly polarized)

CONNECTOR

1x SMA

CABLE TYPE

RG174

 **MECHANICAL SPECIFICATION****MATERIALS**

ABS, aluminum, PTFE

CONNECTOR TYPE

RJ45

INGRESS PROTECTION

IP68

DIMENSIONS160 x 160 x 310 mm
6.3 x 6.3 x 12.20 inch**WEIGHT**1.8 kg
3.97 lbs**OPERATING TEMPERATURE**From -40°C to 80°C
From -40°F to 176°F**ENCLOSURE RECOMMENDED
TIGHTENING TORQUE**

0.5 - 0.7 Nm

MAST DIAMETER25-66 mm
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
47	48	49	52	53	65	66
67	68	69	71	85	103	106

617 MHz 6000 MHz

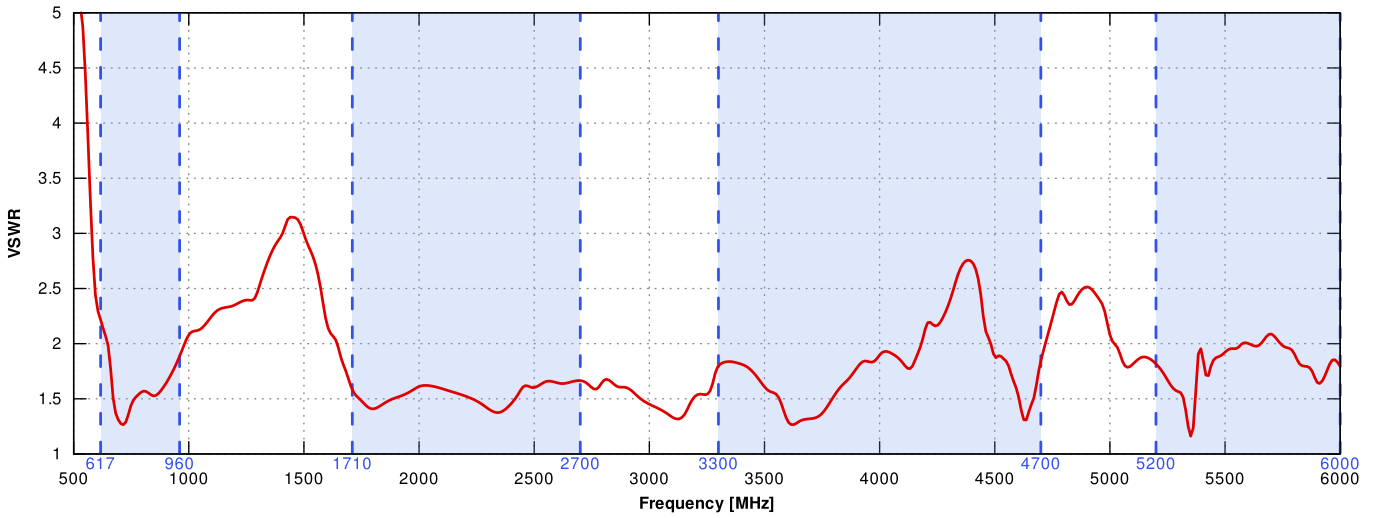
5G

n1	n2	n3	n5	n7	n8	n12
n13	n14	n18	n20	n25	n26	n28
n29	n30	n34	n38	n39	n40	n41
n47	n48	n53	n65	n66	n67	n71
n77	n78	n80	n81	n82	n83	n84
n85	n86	n89	n90	n95	n97	n98
n100	n101	n256				

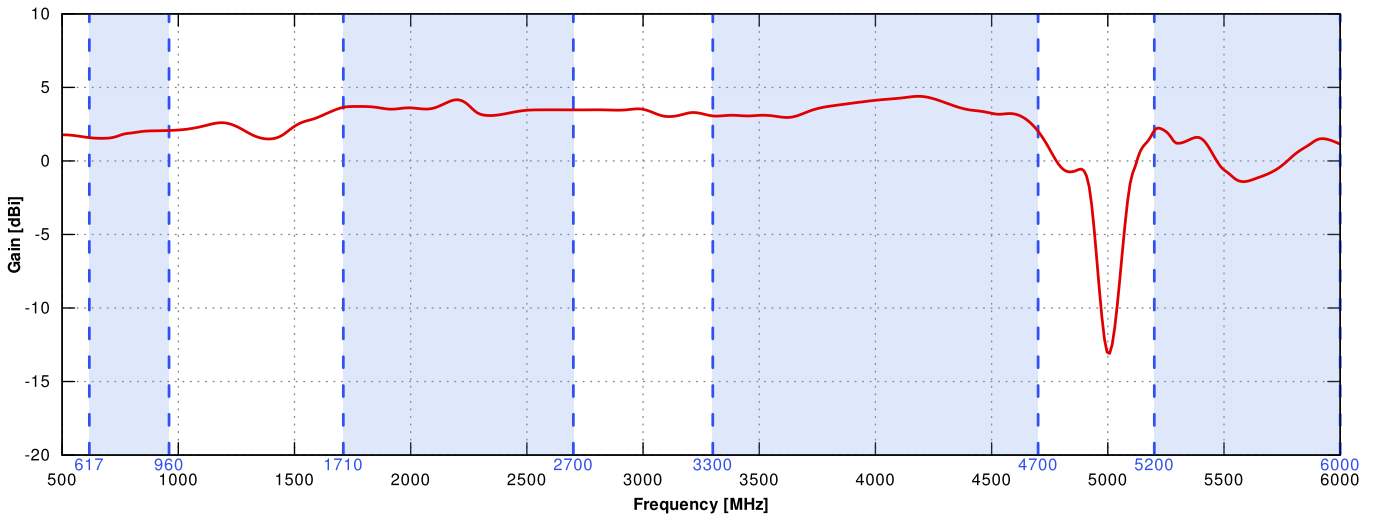
617 MHz 6000 MHz

PLOTS

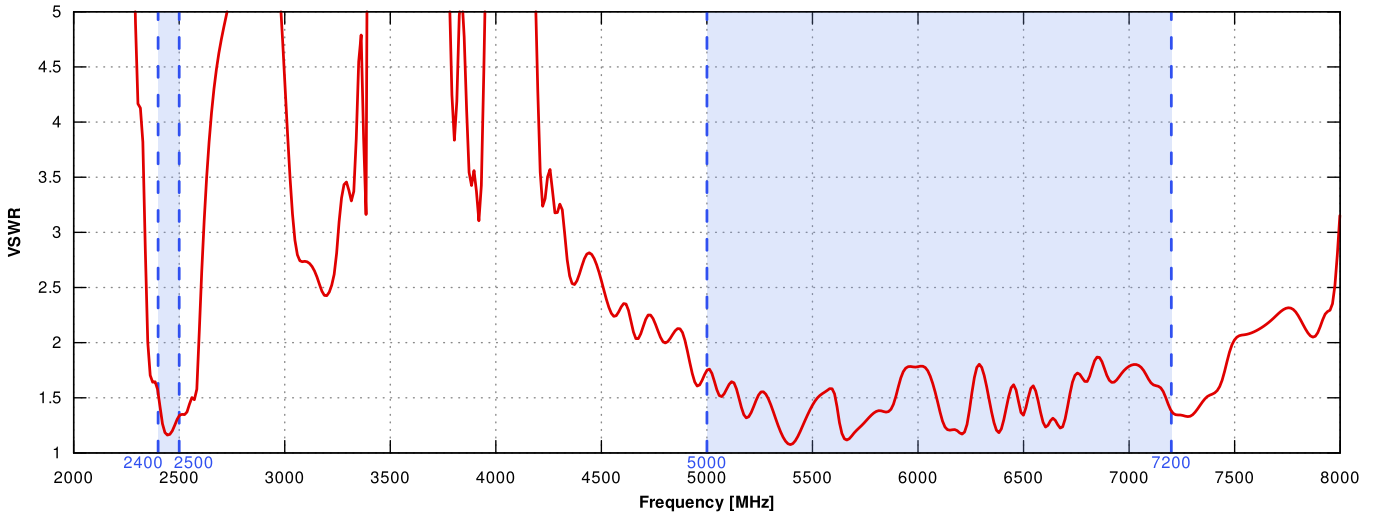
LTE VSWR



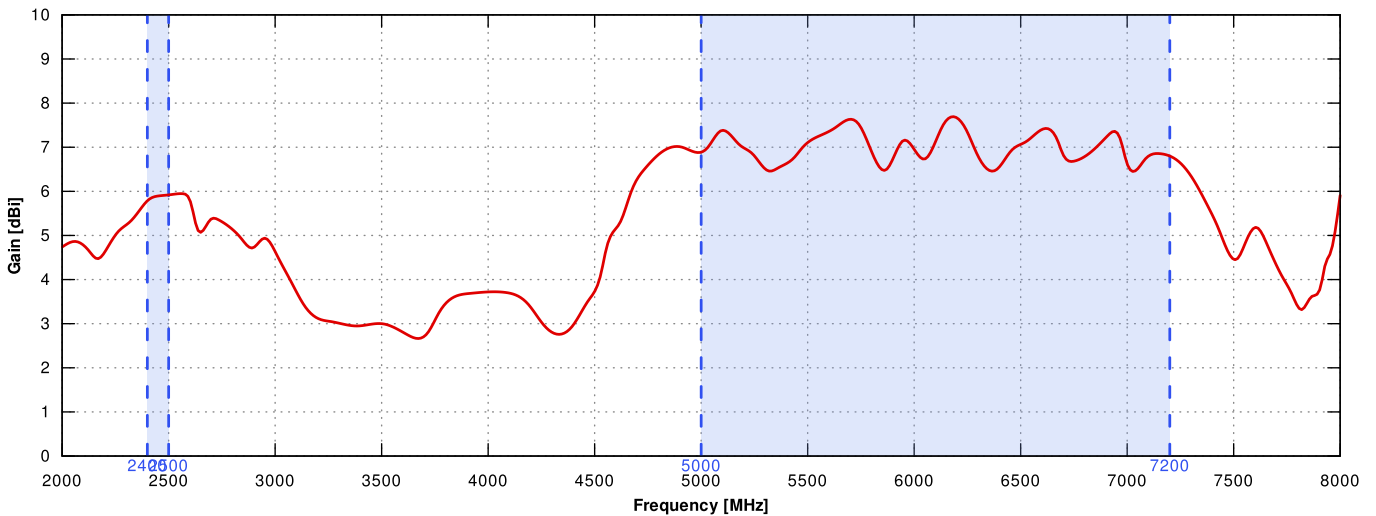
LTE Gain



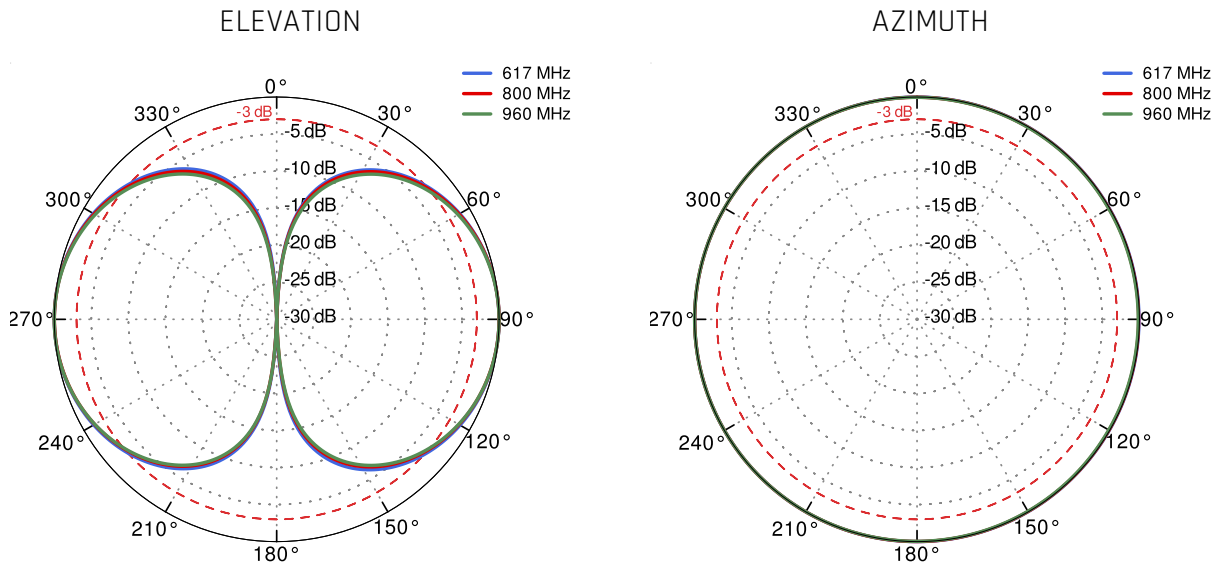
WI-FI VSWR



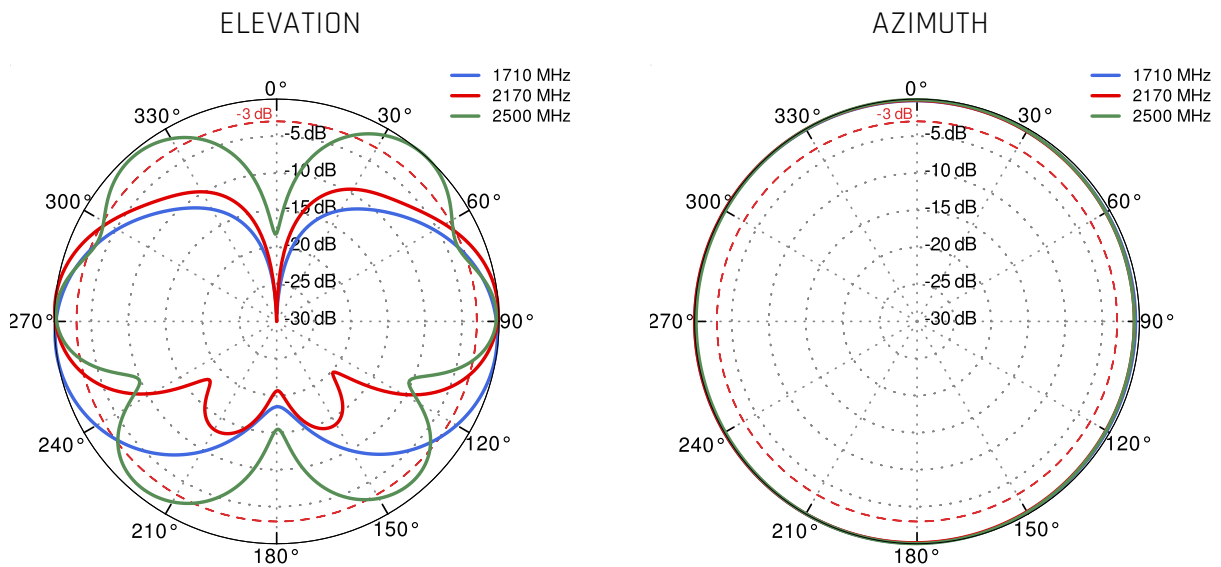
WI-FI Gain



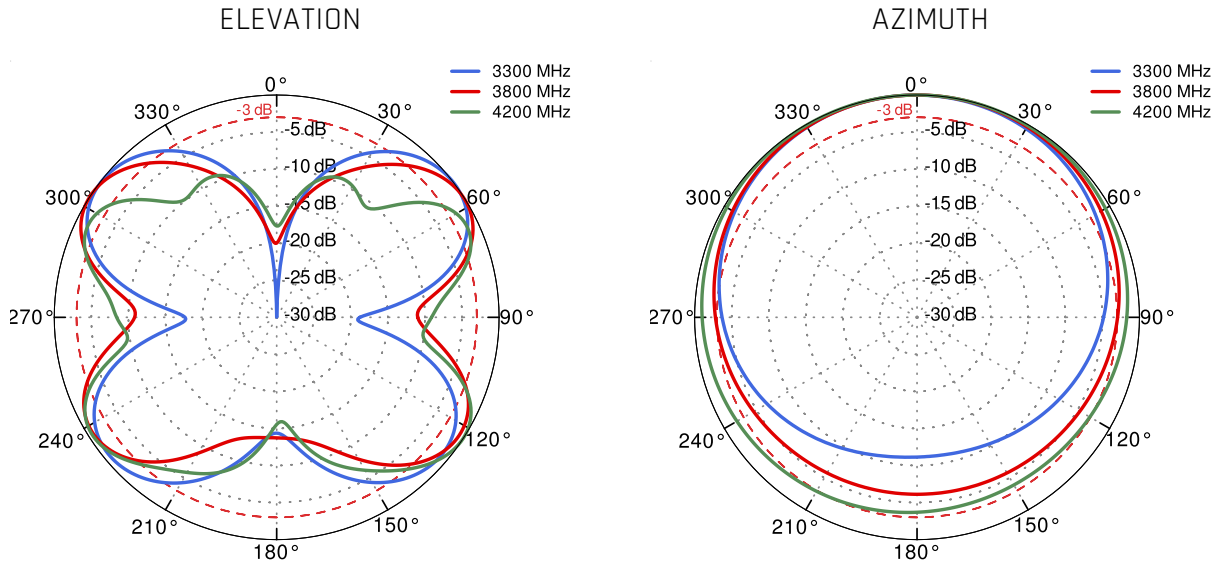
LTE From 617MHz to 960MHz



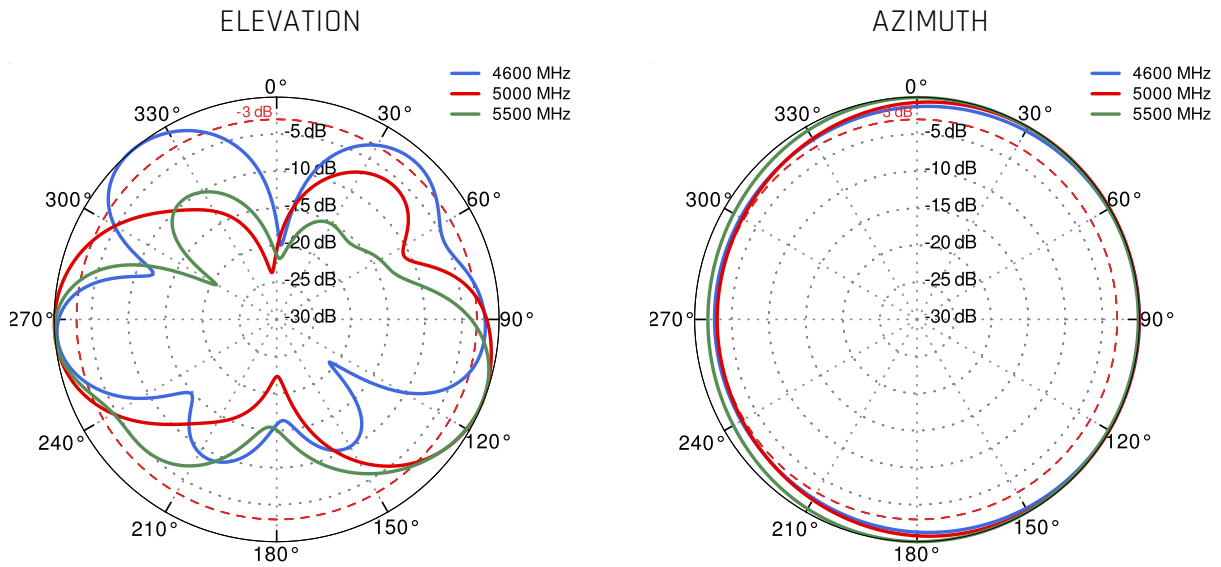
LTE From 1.71GHz to 2.5GHz



LTE From 3.3GHz to 4.2GHz



LTE From 4.6GHz to 5.5GHz



Wi-Fi From 2.4 GHz to 6.5 GHz

