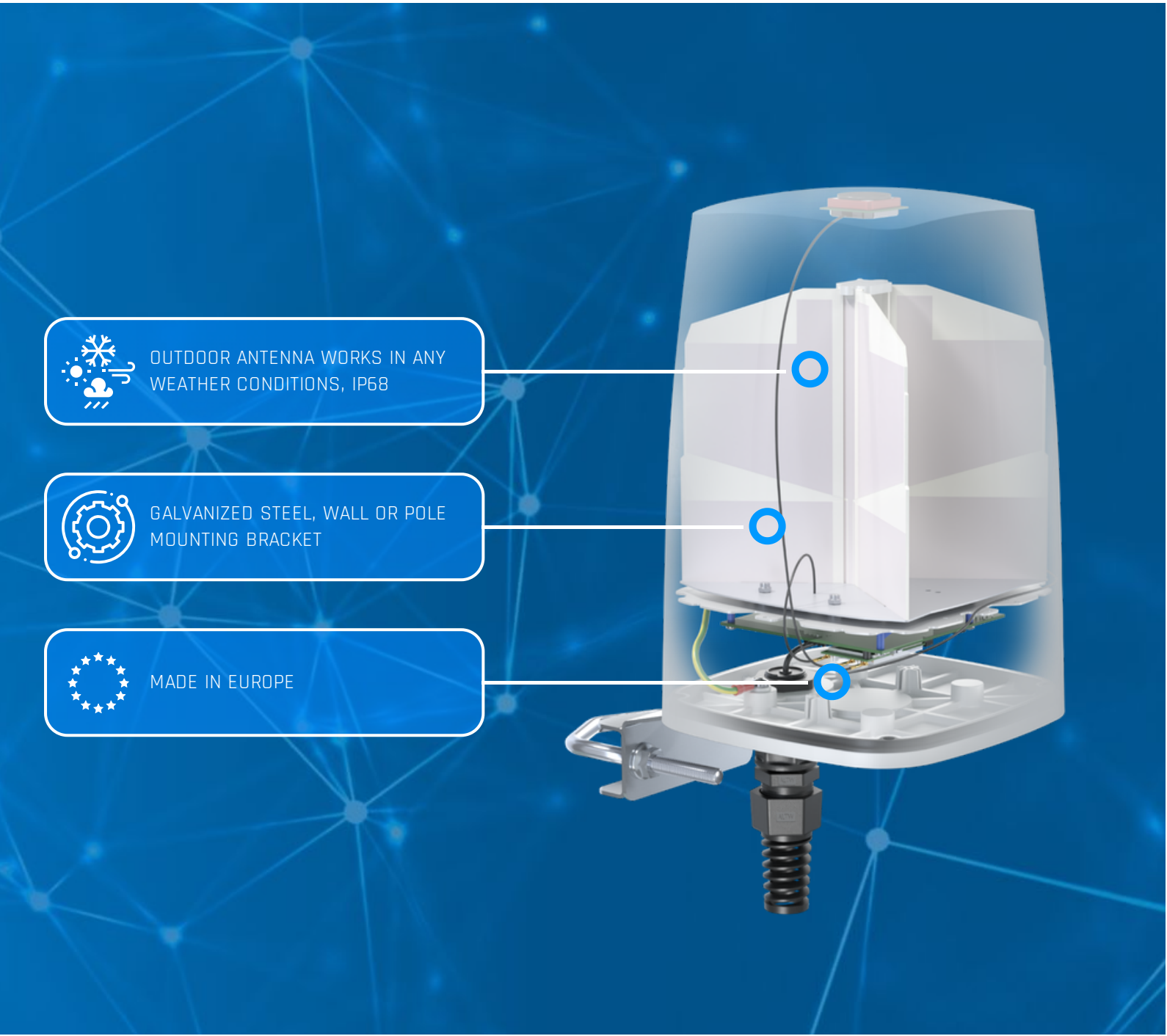
QuSpot LTE MIMO 2x2 + GPS

INTEGRATED MULTI-BAND LTE OMNI ANTENNA + GPS ANTENNA + PLACE TO INSTALL ROUTERBOARD WITH MODEM

QuSpot 2x2 omnidirectional LTE outdoor antenna for LTE modems. It´s primary designed for LTE/3G/2G 2x2 modems. The antenna covers many LTE bands including frequencies: 617 - 3800MHz. The mounting bracket allows the antenna to be installed on the pole or on the wall. It features a special place inside to mount your own electronics. The antenna is equipped with MHF4 connectors (There is no specific order for LTE cable connection).

4G LTE | GPS | 617-3800MHz | OMNI DIRECTIONAL | IP 68 | -40° TO +80°



LTE ANTENNA SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.2 GHz 2.3 - 2.7 GHz 3.3 - 3.8 GHz
GAIN	694 - 960 MHz : 3 dBi 1.7 - 2.2 GHz : 3.5 dBi 2.3 - 2.7 GHz : 3.5 dBi 3.3 - 3.8 GHz: 4 dBi
VSWR	<1.80, max <2.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

MATERIALS	ASA, aluminum, PTFE
CONNECTOR TYPE	MHF4
INGRESS PROTECTION	IP68
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

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ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0.5 - 0.7 Nm
MAST DIAMETER	25-66 mm 0.98-2.60 inch

FREQUENCY BANDS

LTE

617 MHz — 3800 MHz

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
48	49	52	53	65	66	67
68	69	71	85	103	106	

5G

617 MHz — 3800 MHz

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

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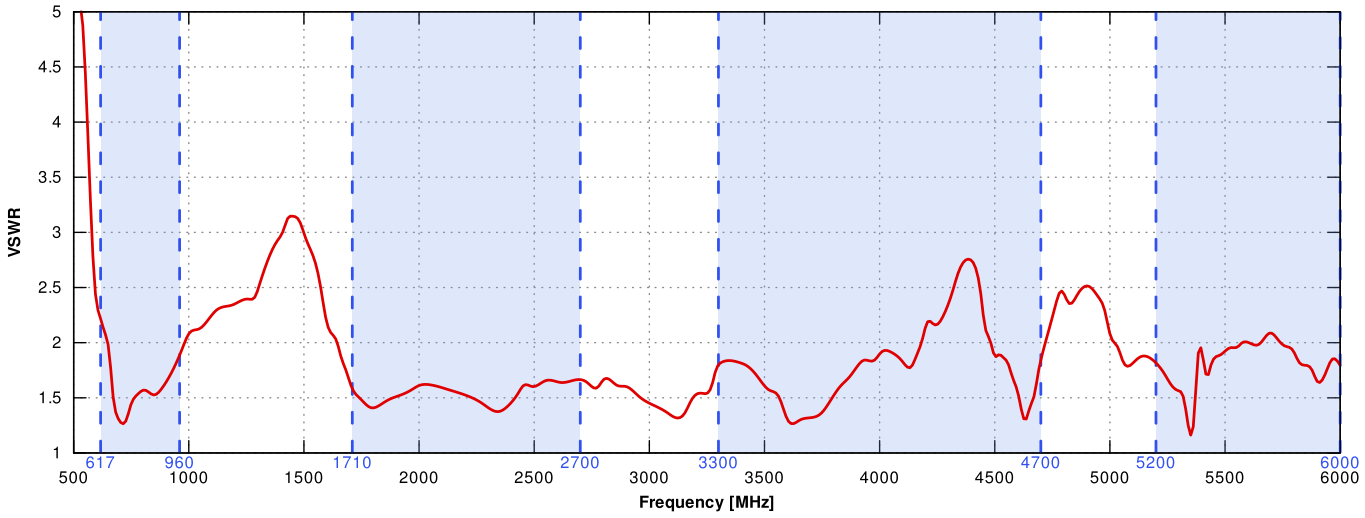
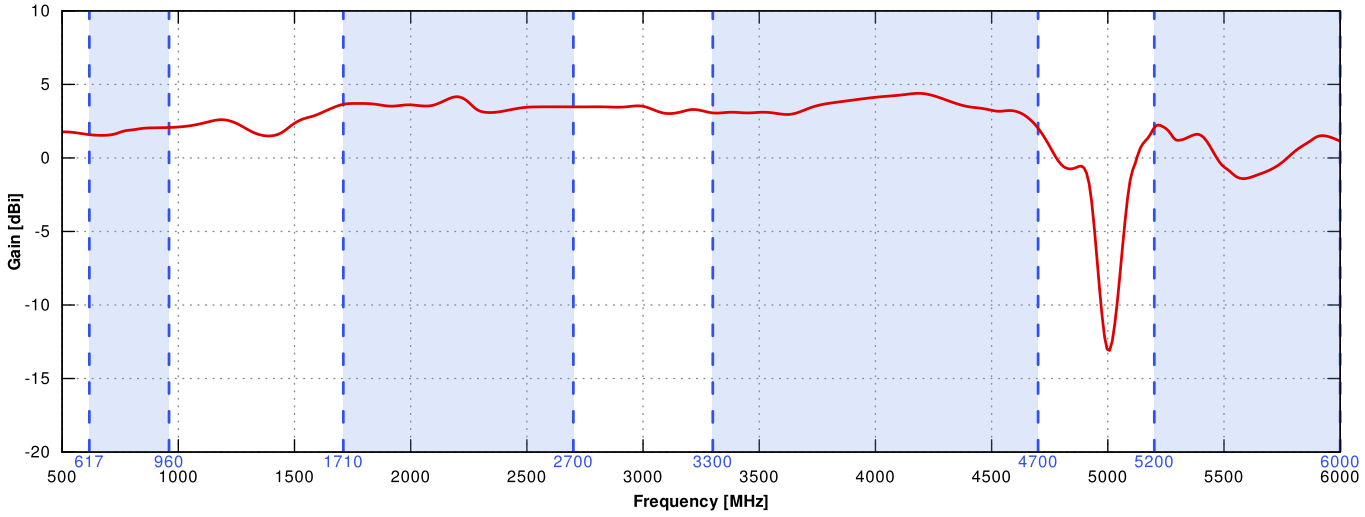
PLOTS

VSWR



Gain



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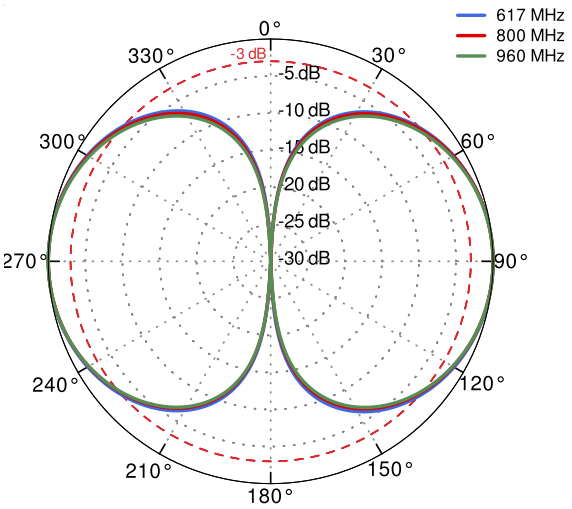
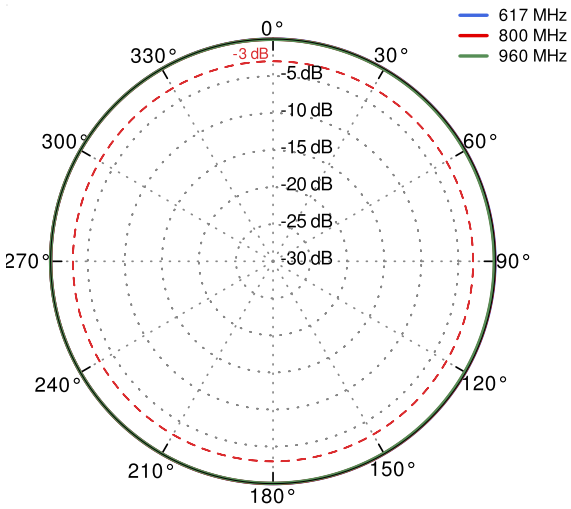
From 617MHz to 960MHz

ELEVATION

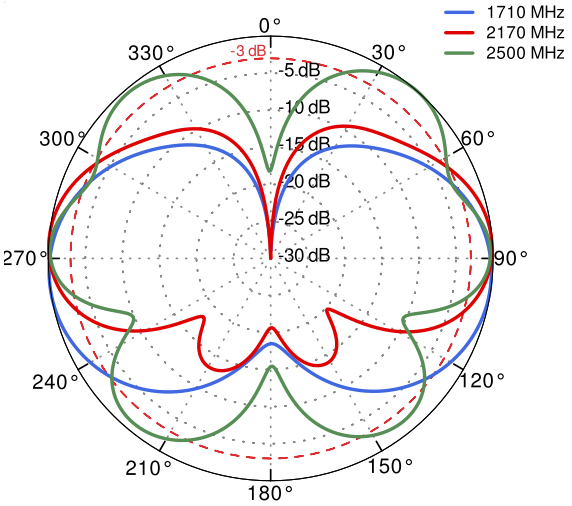


AZIMUTH



From 1.71GHz to 2.5GHz

ELEVATION



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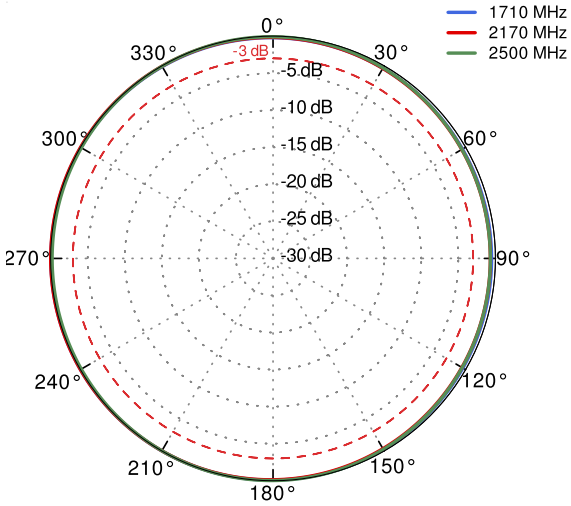

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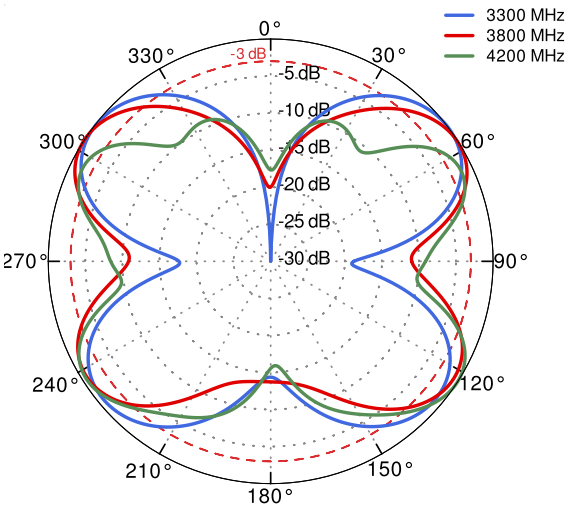
From 3.3GHz to 4.2GHz

ELEVATION



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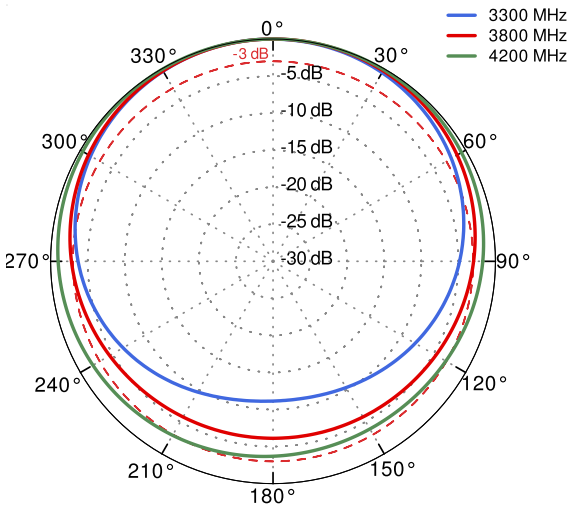
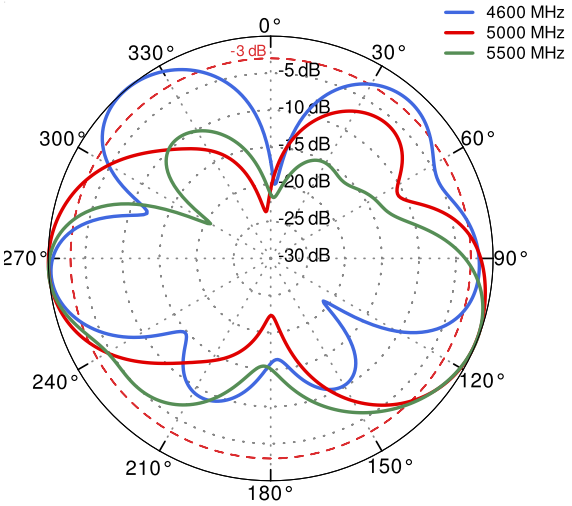


From 4.6GHz to 5.5GHz

ELEVATION



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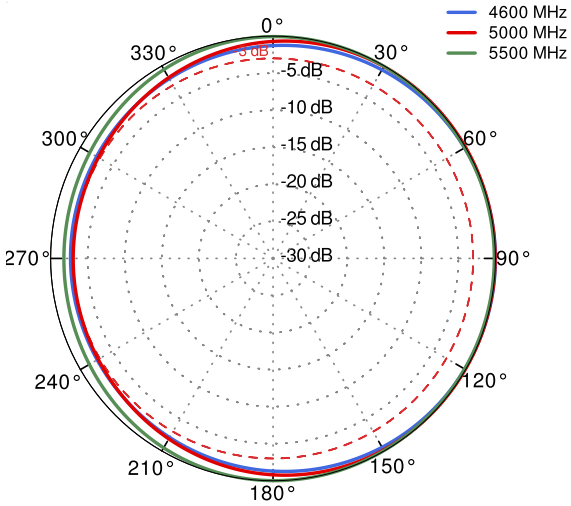

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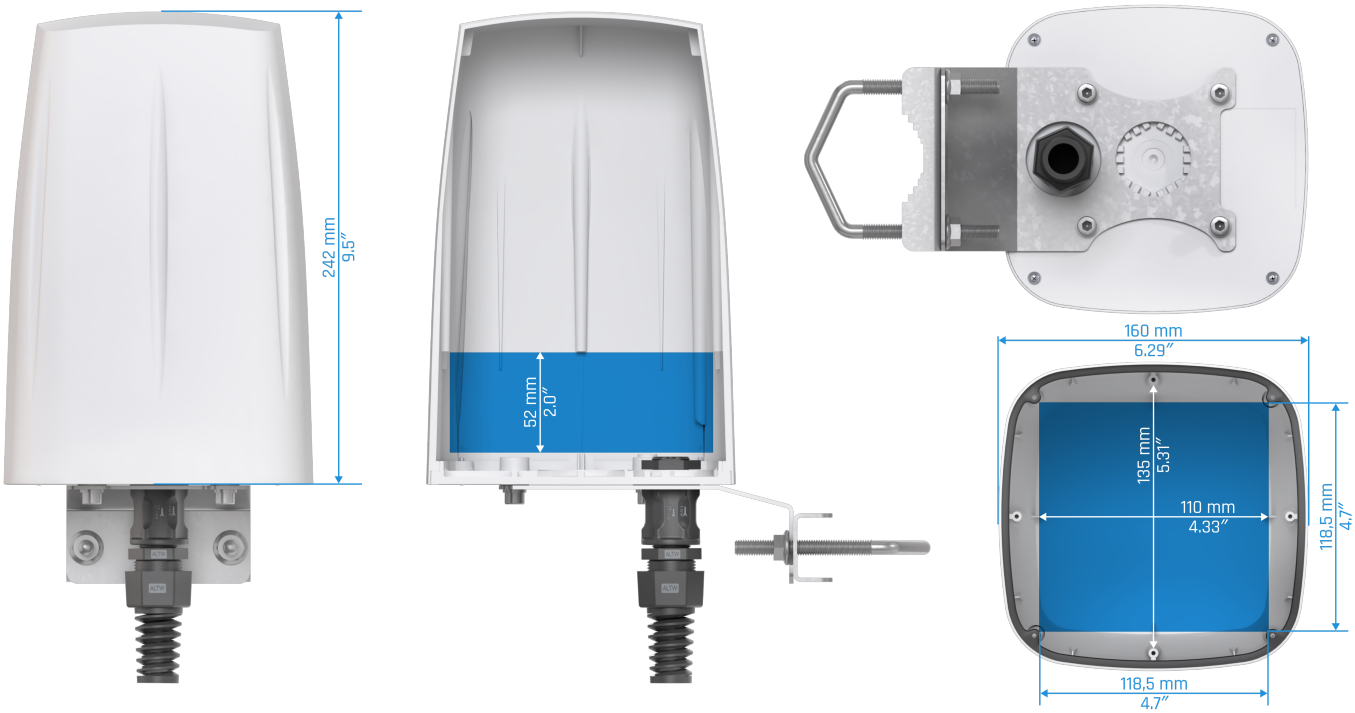
DIMENSIONS



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