

# QuSpot for Rajant Cardinal

## Integrated multi-band WiFi omni antenna + place to install Rajant Cardinal (All-in-one)

The QuSpot for Rajant Cardinal (AG1) is a rugged, all-in-one omnidirectional Wi-Fi antenna built for demanding industrial, automation, agriculture, and logistics environments.

This IP67-rated ABS enclosure protects an electronics compartment and houses high-gain (7dBi) Wi-Fi antennas with MIMO 4x4 capability, ensuring strong, reliable connectivity across diverse applications. Equipped with an RJ45 Ethernet port and flexible mounting options for poles, walls, or masts, the QuSpot is designed to withstand harsh outdoor conditions.

Its complete integrated design simplifies deployment, providing a reliable and efficient connectivity solution in demanding, high-performance settings.

**Wi Fi 6E**  
**7 dBi**  
**OMNI  
DIRECTIONAL**  
**IP 68**  
**-40° TO +80°**

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



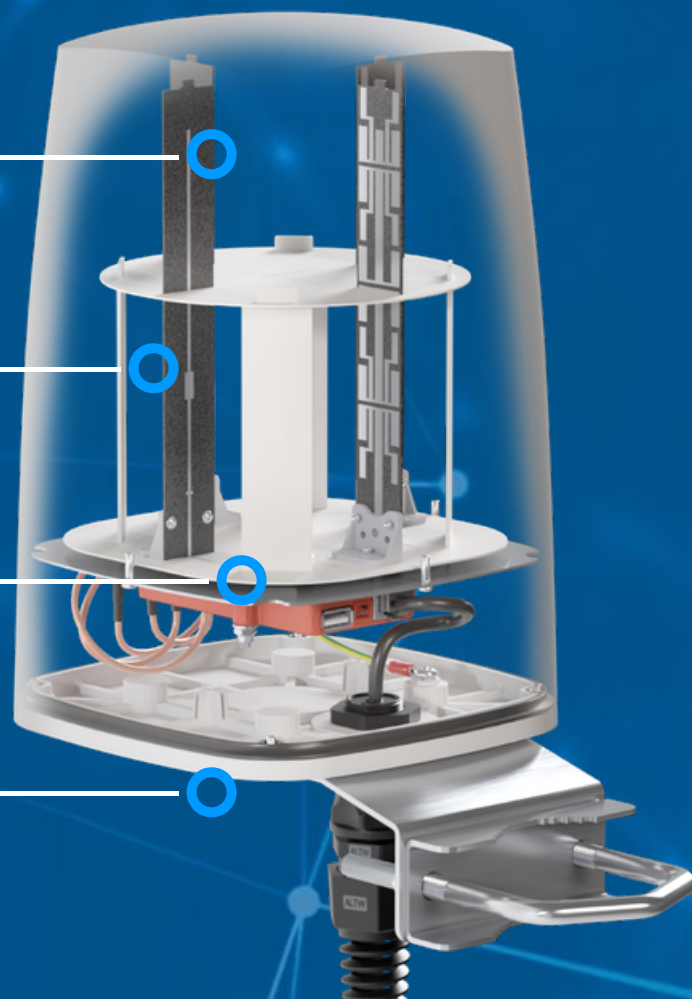
ANTENNA **PERFECTLY MATCHED** WITH  
THE ROUTER



WALL OR MAST MOUNTING SYSTEM



MADE IN **EUROPE**



## **WI-FI ANTENNA SPECIFICATION**

<b>FREQUENCY</b>	2.40 - 2.50 GHz 5.0 - 7.125 GHz
<b>GAIN</b>	2.40 - 2.50 GHz : 6 dBi 5.0 - 7.125 GHz : 7.5 dBi
<b>VSWR</b>	<1.70, max <2.00
<b>BEAMWIDTH</b>	360°/25° ±5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 $\Omega$

## **MECHANICAL SPECIFICATION**

<b>MATERIALS</b>	ABS, aluminum, PTFE
<b>CONNECTOR TYPE</b>	RJ45
<b>INGRESS PROTECTION</b>	IP68
<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
<b>ENCLOSURE RECOMMENDED TIGHTENING TORQUE</b>	0,5 - 0,7 Nm
<b>MAST DIAMETER</b>	40-66 mm 1.57-2.60 inch

# **FREQUENCY BANDS**

**LTE / 4G GSM**

	5	8	12	13	14	17	18	
617 MHz	19	20	26	27	28	29	44	960 MHz
	67	68	85	103	n81	n82	n83	
	n89	100						

**LTE / 4G UMTS**

	1	2	3	4	9	10	25	
1710 MHz	33	34	35	36	37	39	n80	2170 MHz
	n84	n86	n95	n98	n101			

**LTE / 4G WCS DARS**

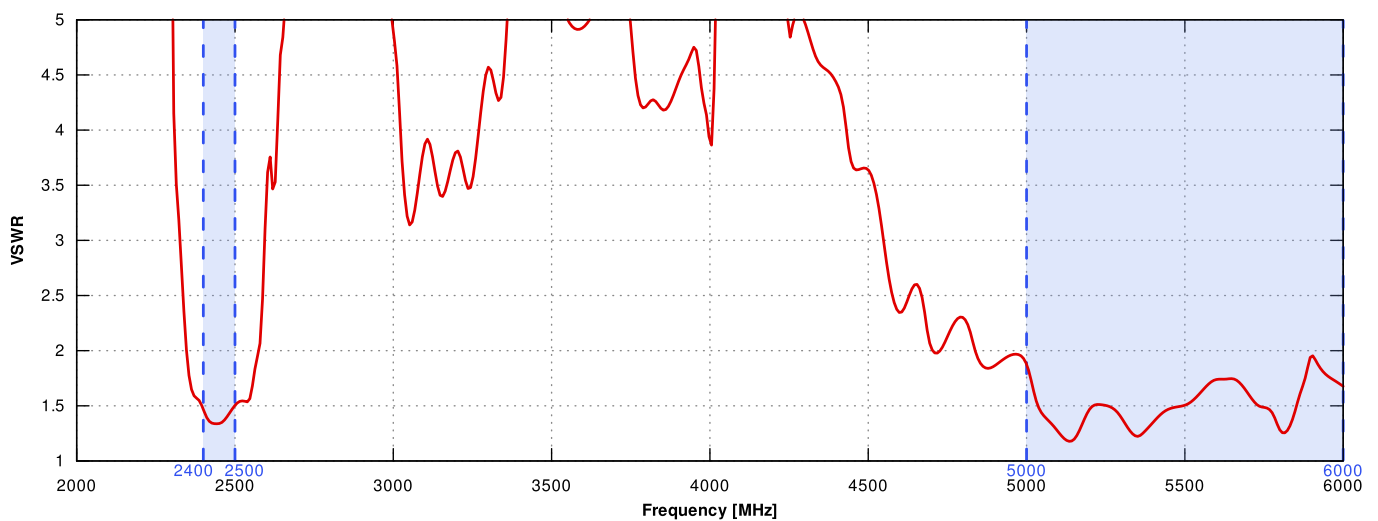
2300 MHz	30	40	n97					2400 MHz
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**LTE / 4G**

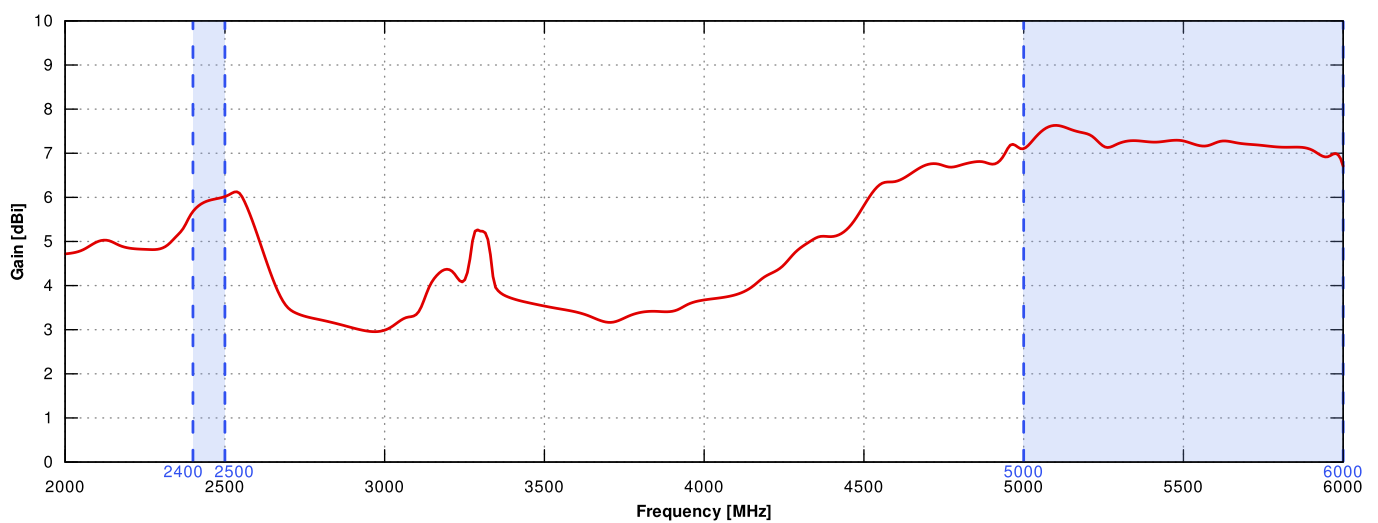
2400 MHz	7	38	41	53	69	n90		2700 MHz
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## PLOTS

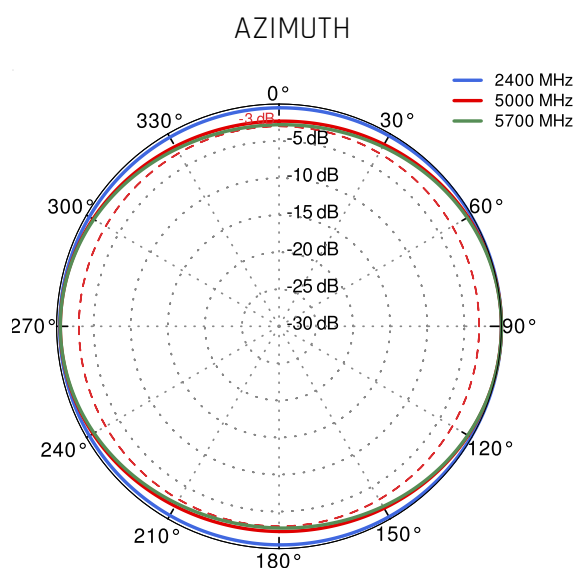
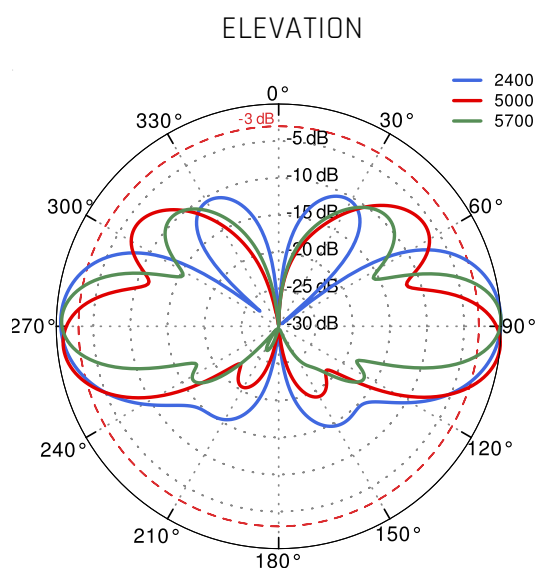
VSWR for Wi-Fi antenna 



Gain for Wi-Fi antenna 



Wi-Fi 2.4 GHz and 5 GHz and 6GHz



## DIMENSIONS

