

Antenna

Specifications

At Wavelink, our aim is to provide timely and comprehensive services to our customers. If you require any assistance, please contact our headquarters:

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Wavelink Certifications:



Wavelink Partners:

Skyworth

NARI

flex

 **HUAWEI**

 **VVDN**
TECHNOLOGIES

Tenda **Infinova**

dji

Hikvision

JABIL

Catalogue

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Wavelink

1 Product Description

This wavelink antenna covers 868MHz

2 Product Features

Easy to install
High efficiency
Removable



3 Product Specifications

Passive Electrical Specifications

Frequency Range	868MHz
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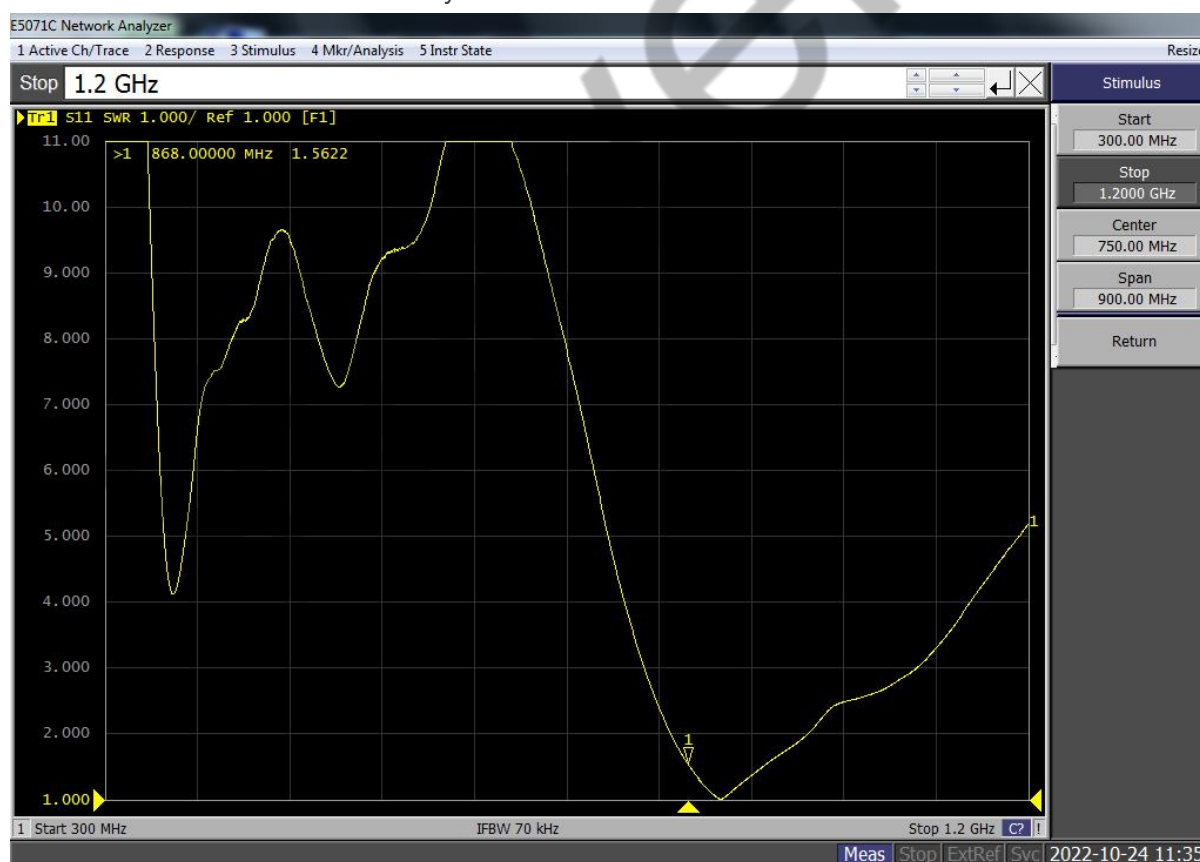
Input Impedance	50 Ω
VSWR	≤ 2
Gain	≤ 1 dBi
Polarization Type	Linear

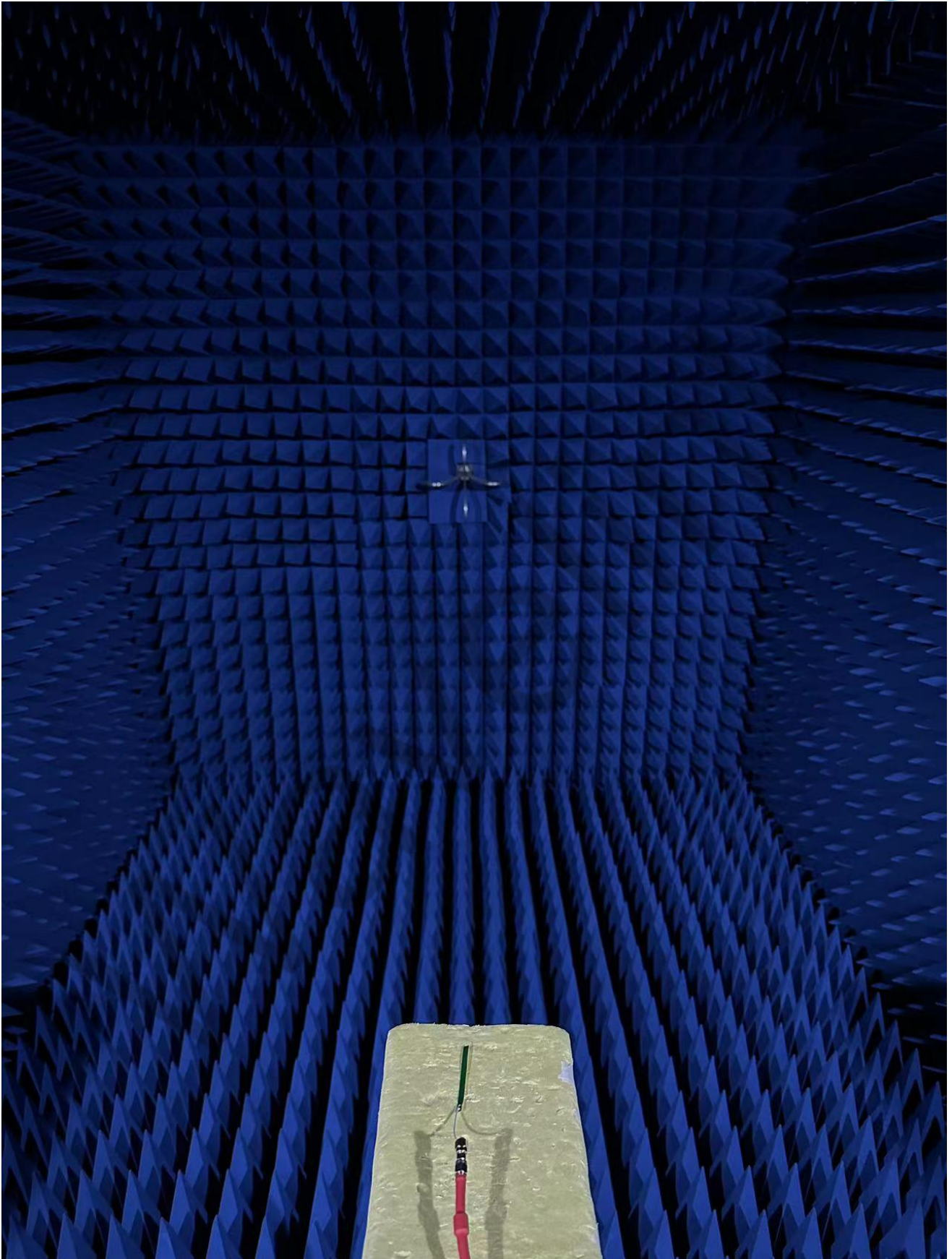
Mechanical Specifications

Antenna Size	64mm $\times$ 4mm
Casing	FPC
Connector Type	I-PEX
Working Temperature	-40 $^{\circ}$ C to +85 $^{\circ}$ C

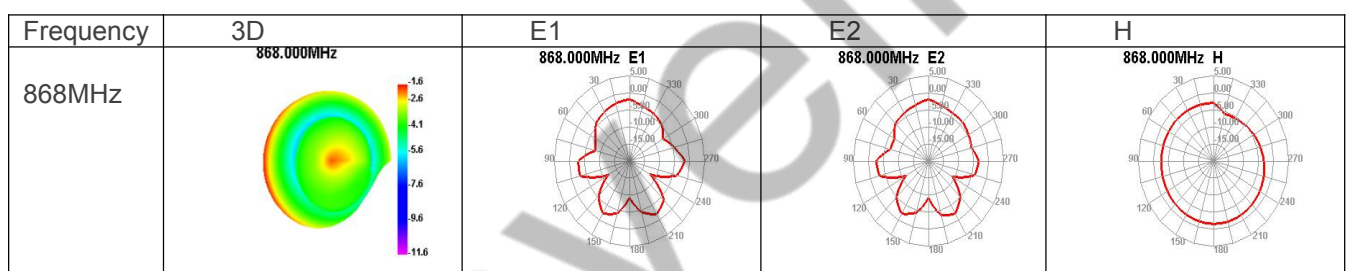
4 Overall Performance

KEYSIGHT VNA Network Analyzer E5071C 100 kHz – 8.5 GHz





Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Directivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
860	31.58	-5.01	-1.93	-4.08	-1.93	-13.48	5.01	30	39.07	38.78
861	31.74	-4.98	-1.96	-4.11	-1.96	-13.36	4.98	30	39.08	38.78
862	32.06	-4.94	-1.97	-4.12	-1.97	-13.22	4.94	30	39.08	38.78
863	32.52	-4.88	-1.97	-4.12	-1.97	-13.08	4.88	30	39.09	38.78
864	33.09	-4.8	-1.96	-4.11	-1.96	-12.91	4.8	30	39.1	38.77
865	33.71	-4.72	-1.85	-4	-1.85	-12.76	4.72	30	39.1	38.77
866	34.31	-4.65	-1.75	-3.9	-1.75	-12.61	4.65	30	39.11	38.77
867	34.84	-4.58	-1.67	-3.82	-1.67	-12.47	4.58	15	39.11	38.77
868	35.23	-4.53	-1.6	-3.75	-1.6	-12.37	4.53	15	39.12	38.77
869	35.41	-4.51	-1.56	-3.71	-1.56	-12.34	4.51	15	39.12	38.77
870	35.41	-4.51	-1.54	-3.69	-1.54	-12.37	4.51	15	39.12	38.77



5 Product Size

