

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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1 Product Description

This wavelink PCB antenna covers WiFi2.4.

2 Product Features

Easy to install
High efficiency
Removable



3 Product Specifications

Passive Electrical Specifications

Frequency Range	2400-2500 MHz
Input Impedance	50 Ω

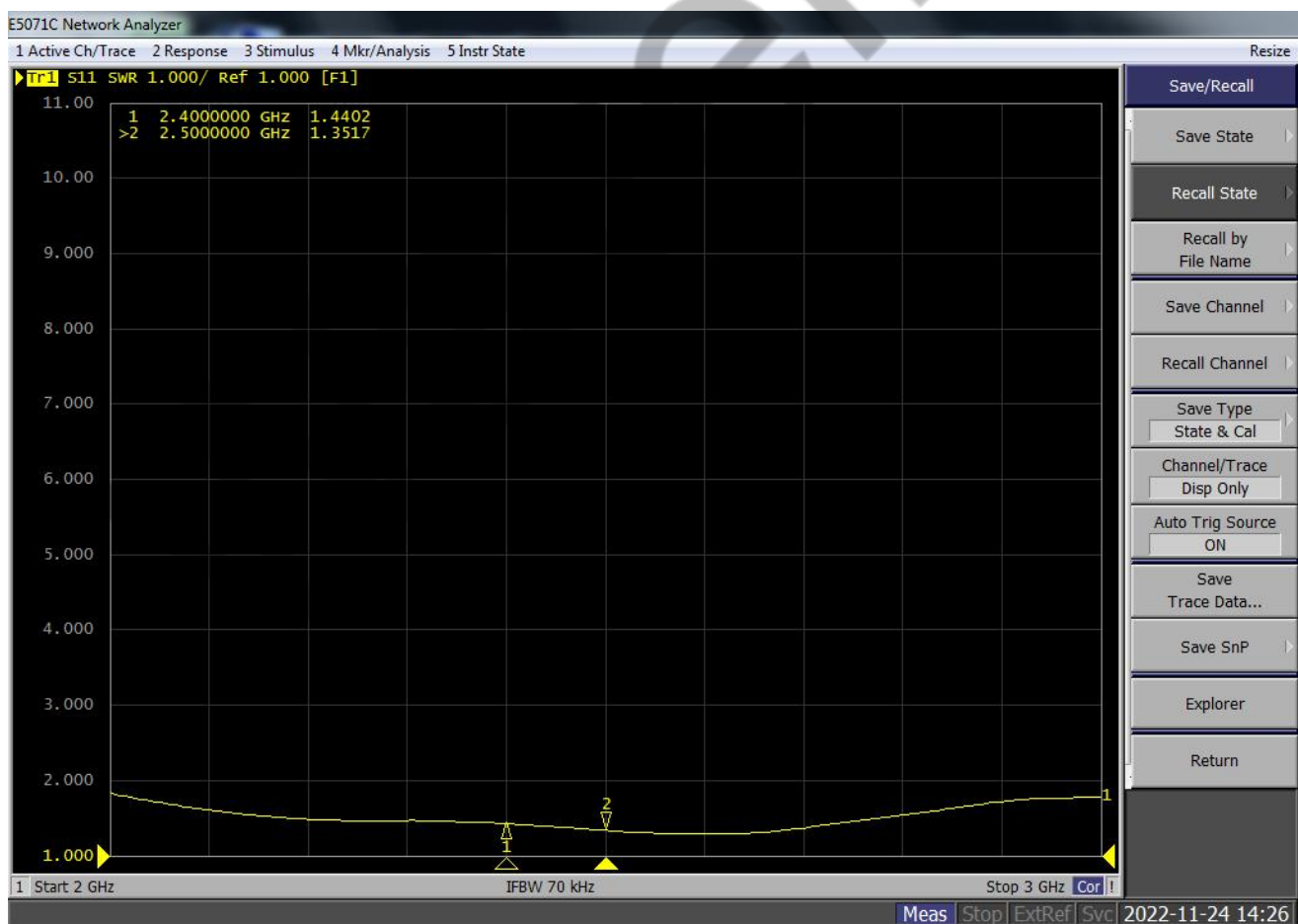
VSWR	≤2
Gain	≤3 dBi
Polarization Type	Linear

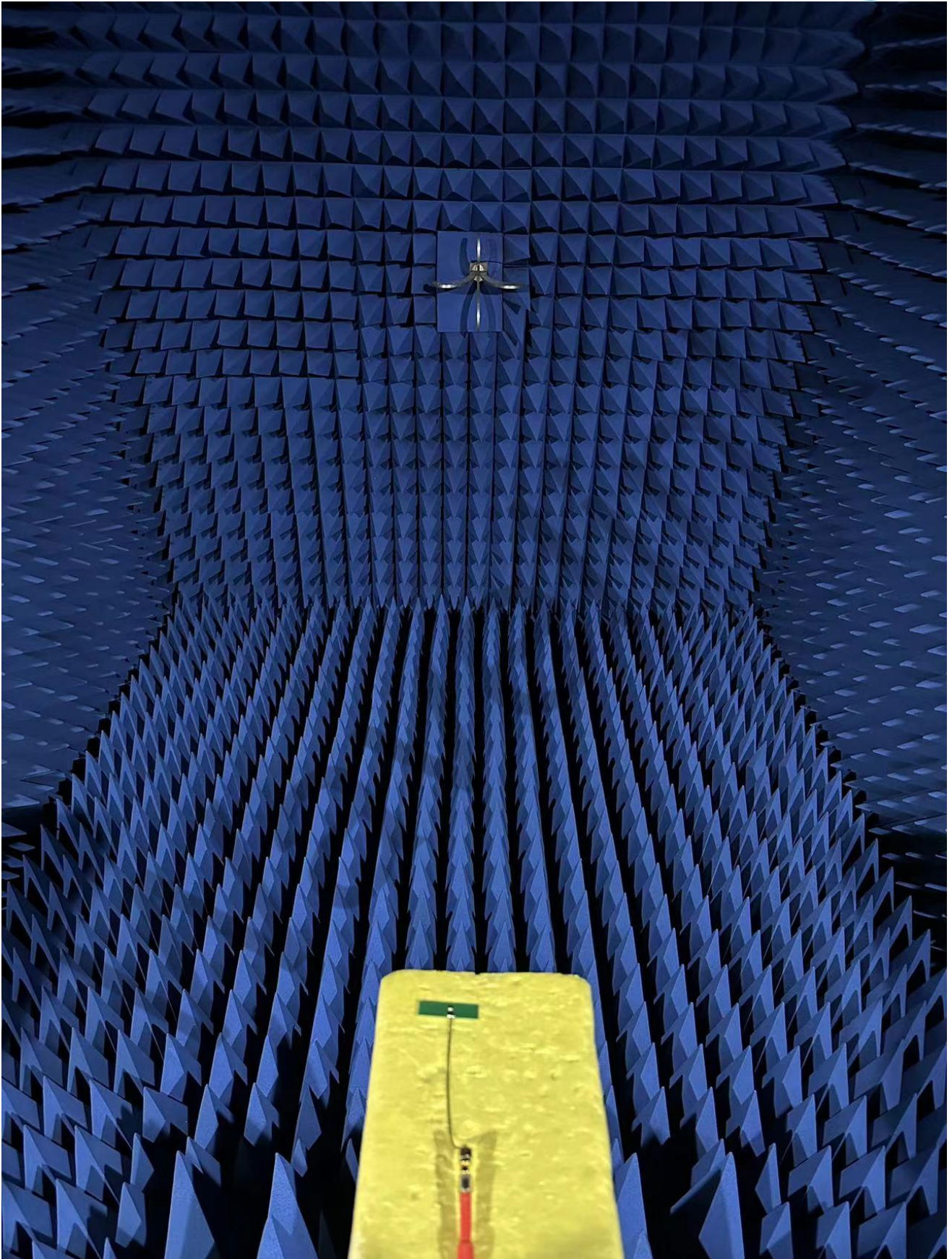
Mechanical Specifications

Antenna Size	42mm × 12mm
Casing	PCB
Connector Type	I-PEX
Working Temperature	-40 °C to +85 °C

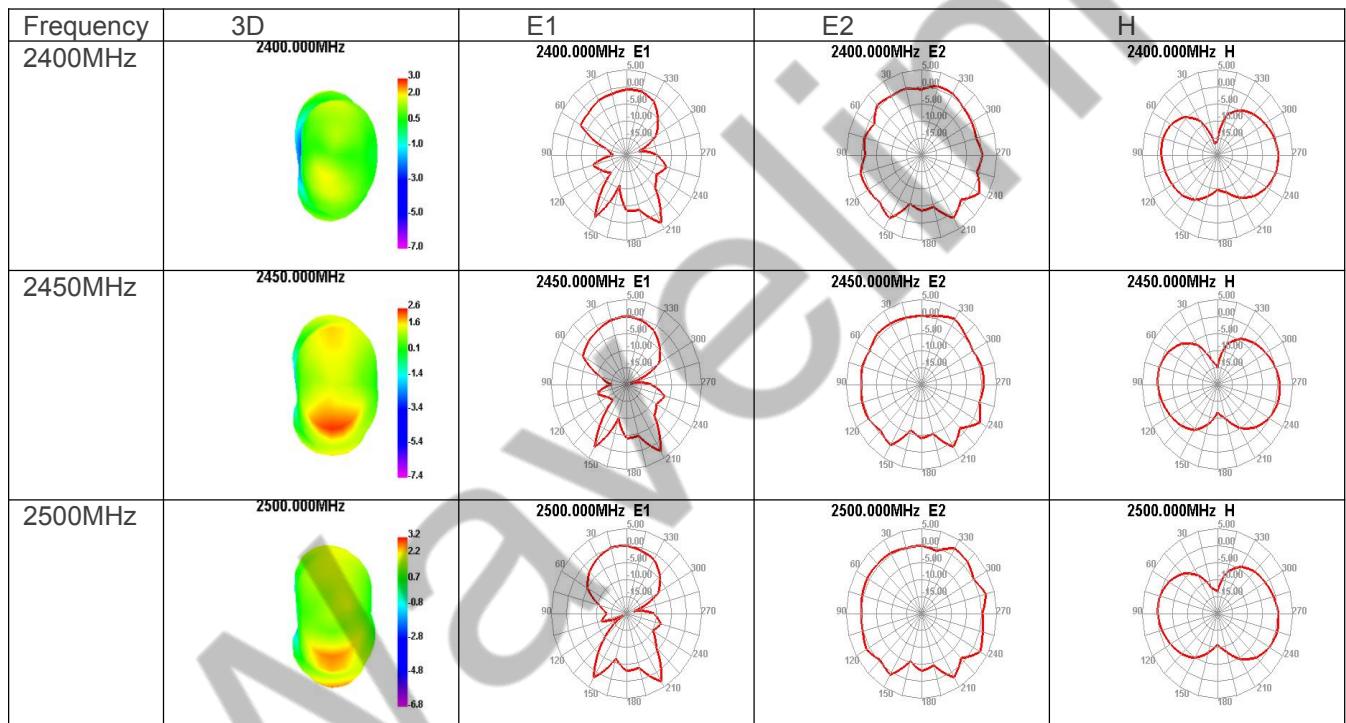
4 Overall Performance

KEYSIGHT VNA Network Analyzer E5071C 100 kHz – 8.5 GHz

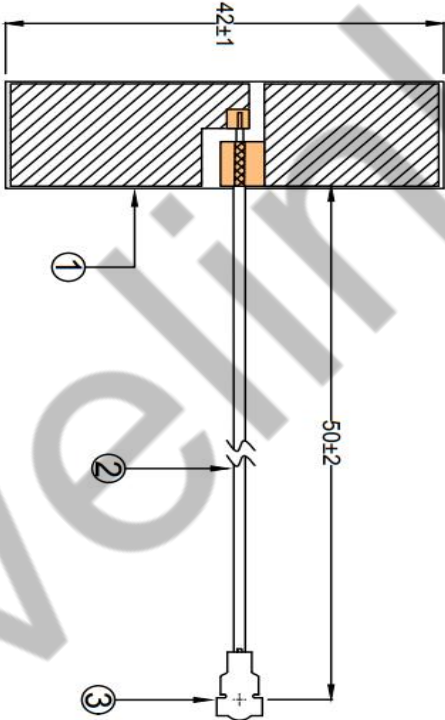




Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Directivity (dBi)	AttH (dB)	AttV (dB)
2400	63.86	-1.95	3.04	0.89	3.04	-16.76	4.99	46.16	46.3
2410	64.47	-1.91	3.05	0.9	3.05	-15.76	4.96	46.26	46.45
2420	59.54	-2.25	2.62	0.47	2.62	-17.11	4.87	46.15	46.32
2430	65.4	-1.84	2.84	0.69	2.84	-17.17	4.69	46.31	46.44
2440	64.1	-1.93	2.58	0.43	2.58	-18.73	4.51	46.52	46.56
2450	68.48	-1.64	2.62	0.47	2.62	-18.75	4.27	46.77	46.93
2460	69.58	-1.57	2.58	0.43	2.58	-20.04	4.15	46.82	46.89
2470	69.59	-1.57	2.59	0.44	2.59	-19.44	4.16	46.54	46.65
2480	71.96	-1.43	2.88	0.73	2.88	-18.38	4.3	47.04	47.22
2490	71.57	-1.45	3	0.85	3	-18.34	4.45	46.75	46.82
2500	72.52	-1.4	3.15	1	3.15	-18.82	4.55	46.91	47.08



5 Product Size

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