

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

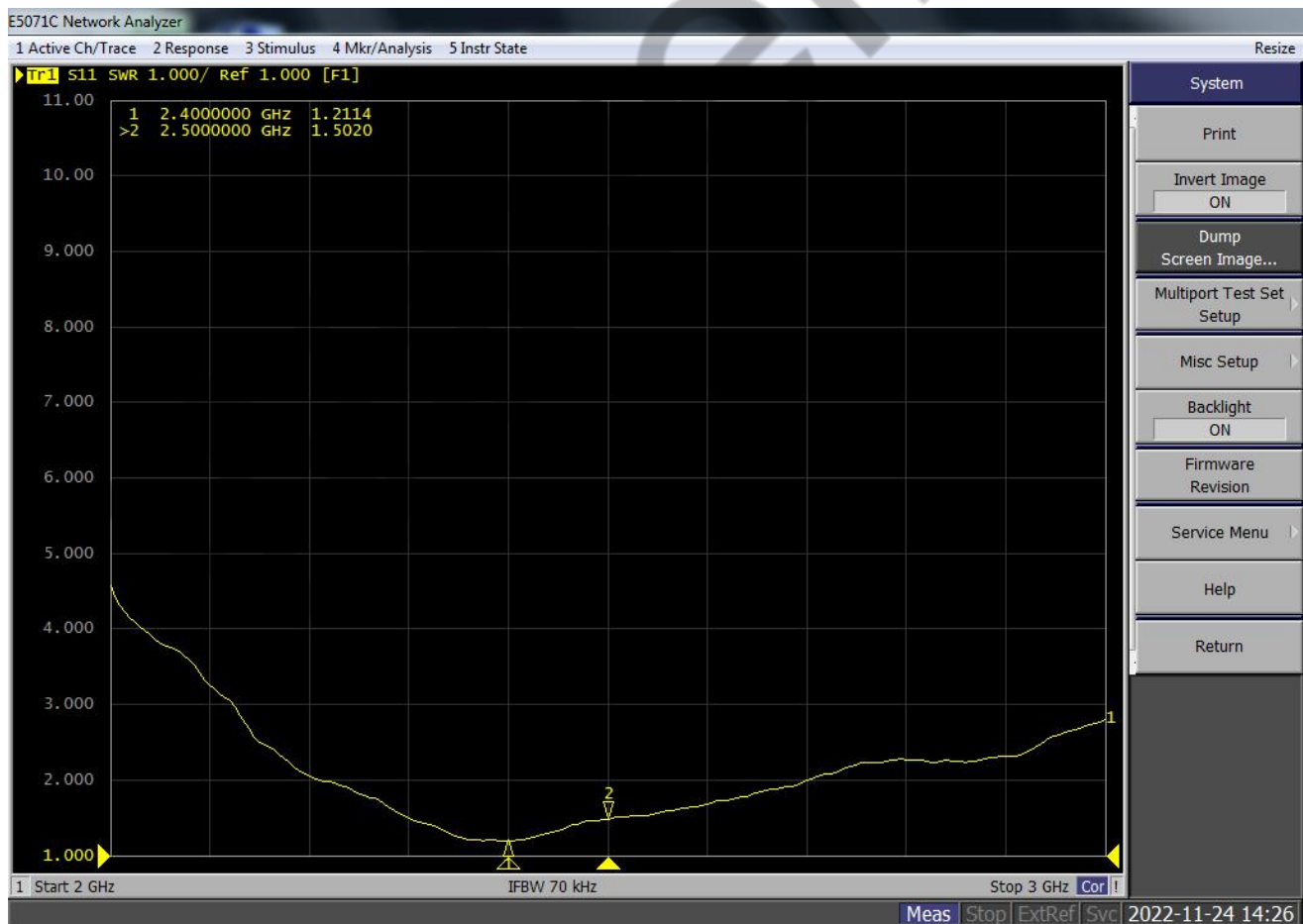
VSWR	≤ 2
Gain	≤ 4 dBi
Polarization Type	Linear

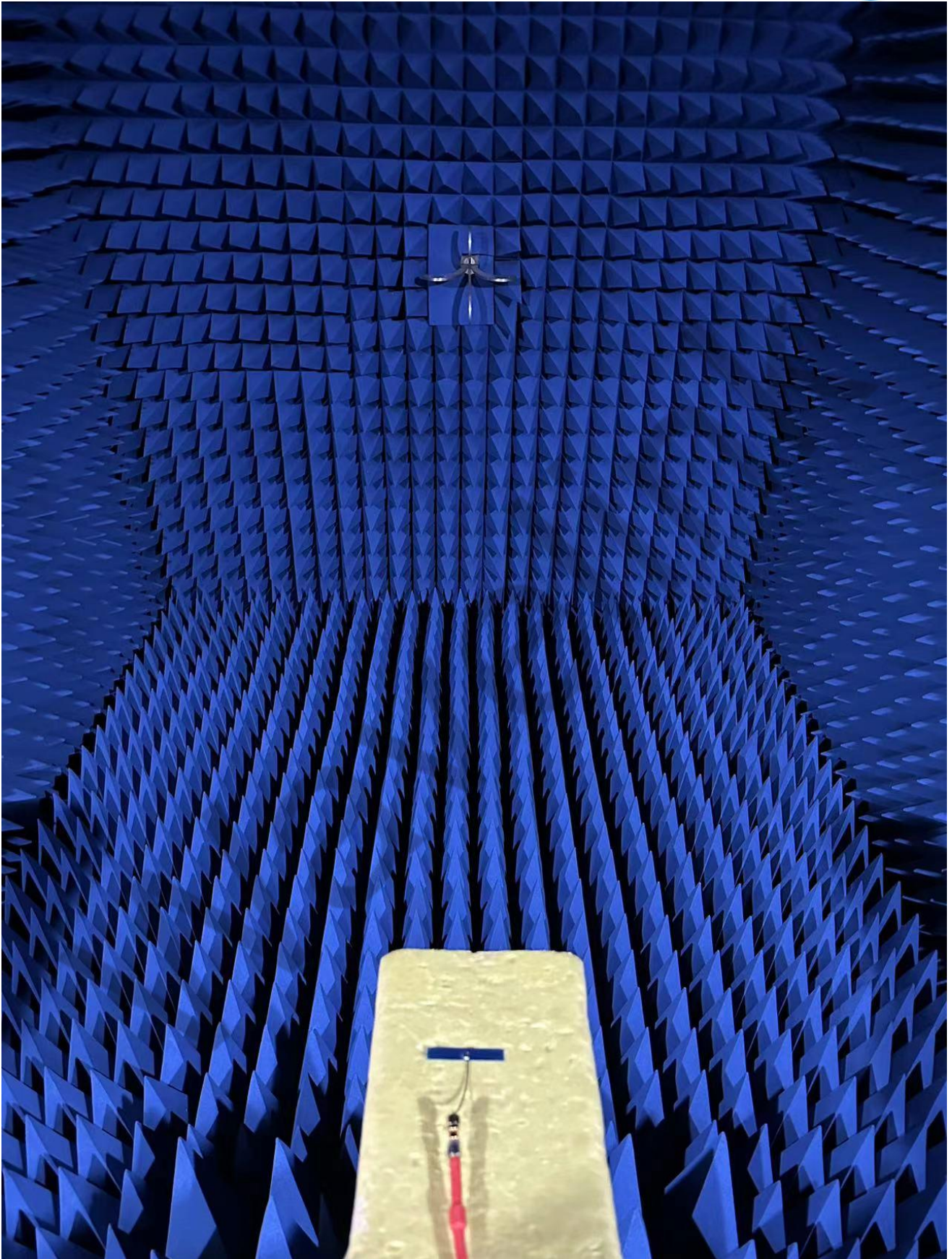
Mechanical Specifications

Antenna Size	50mm × 9mm
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	87.03	-0.6	3.38	1.23	3.38	-14.08	3.98	46.16	46.3
2410	82.36	-0.84	3.16	1.01	3.16	-15.33	4.01	46.26	46.45
2420	80.57	-0.94	3.33	1.18	3.33	-15.64	4.27	46.15	46.32
2430	80.68	-0.93	3.61	1.46	3.61	-15.55	4.54	46.31	46.44
2440	83.9	-0.76	3.89	1.74	3.89	-15.92	4.65	46.52	46.56
2450	87.34	-0.59	4.01	1.86	4.01	-17.39	4.59	46.77	46.93
2460	87.32	-0.59	3.78	1.63	3.78	-19.34	4.37	46.82	46.89
2470	84.25	-0.74	3.4	1.25	3.4	-20.01	4.15	46.54	46.65
2480	83.28	-0.79	3.16	1.01	3.16	-19.62	3.96	47.04	47.22
2490	84.48	-0.73	3.34	1.19	3.34	-18.28	4.07	46.75	46.82
2500	79.33	-1.01	3.31	1.16	3.31	-17.85	4.32	46.91	47.08

