

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:

2nd Floor, Building D, No. 88 Tongqiu Road, Zhangpu Town, Kunshan City, Jiangsu Province, China

Tel: +86-512-57449488

Email: sales@kswavelink.com

Wavelink Certifications:



Wavelink Partners:

Skyworth **NARI**

flex

 **HUAWEI**

 **VVDN**
TECHNOLOGIES

Tenda **Infinova**

dji

Hikvision

JABIL

Catalogue

1	Product Description	3
2	Product Features	3
3	Product Specifications	3
4	Overall Performance	4
5	Product Size	7

1 Product Description

This wavelink PCB antenna covers WiFi2.4 and WiFi5.8.

2 Product Features

Easy to install
High efficiency
Removable



3 Product Specifications

Passive Electrical Specifications

Frequency Range	2400-2500 MHz 5150-5850MHz
Input Impedance	50 Ω

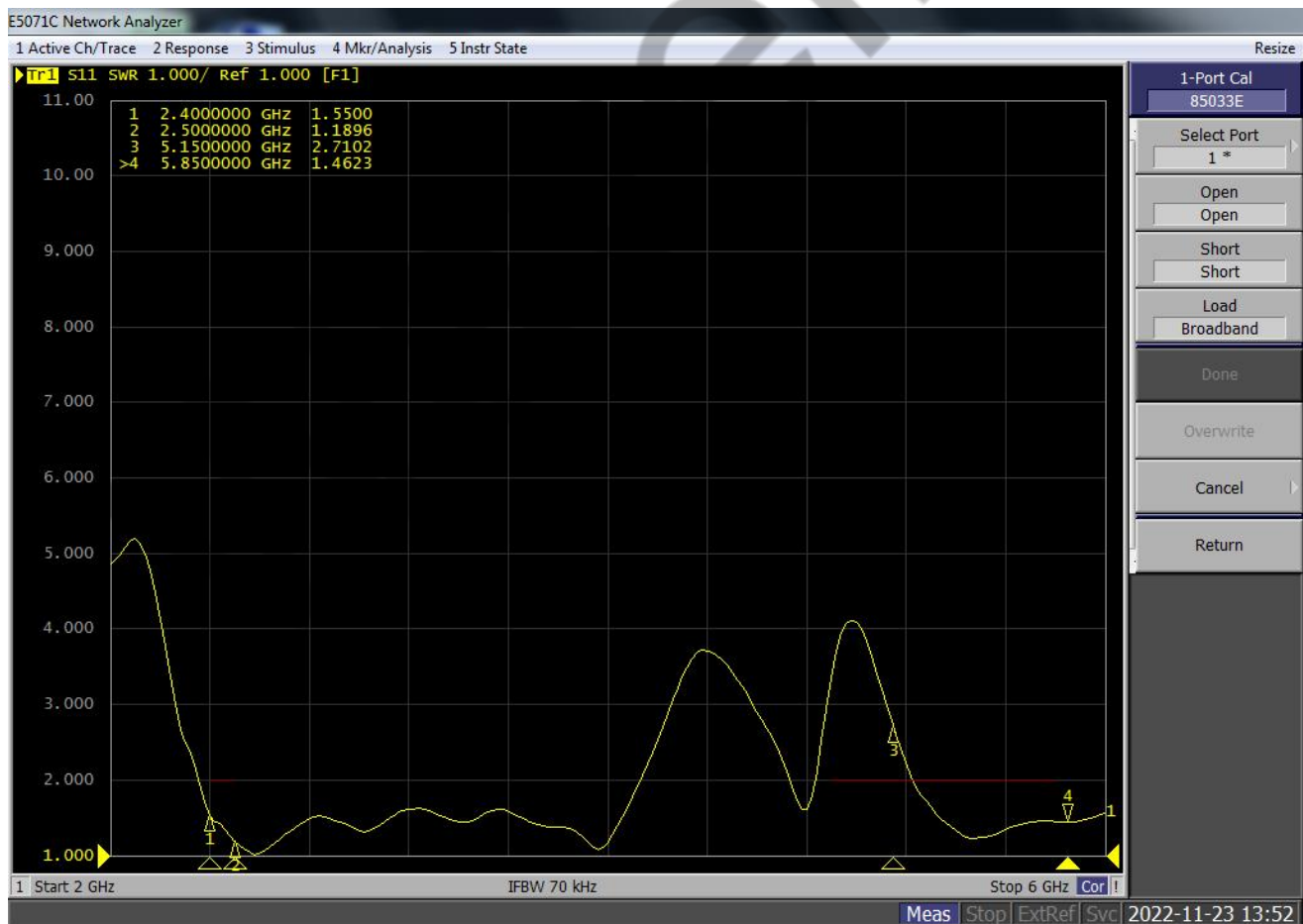
VSWR	≤ 3
Gain	≤ 3 dBi
Polarization Type	Linear

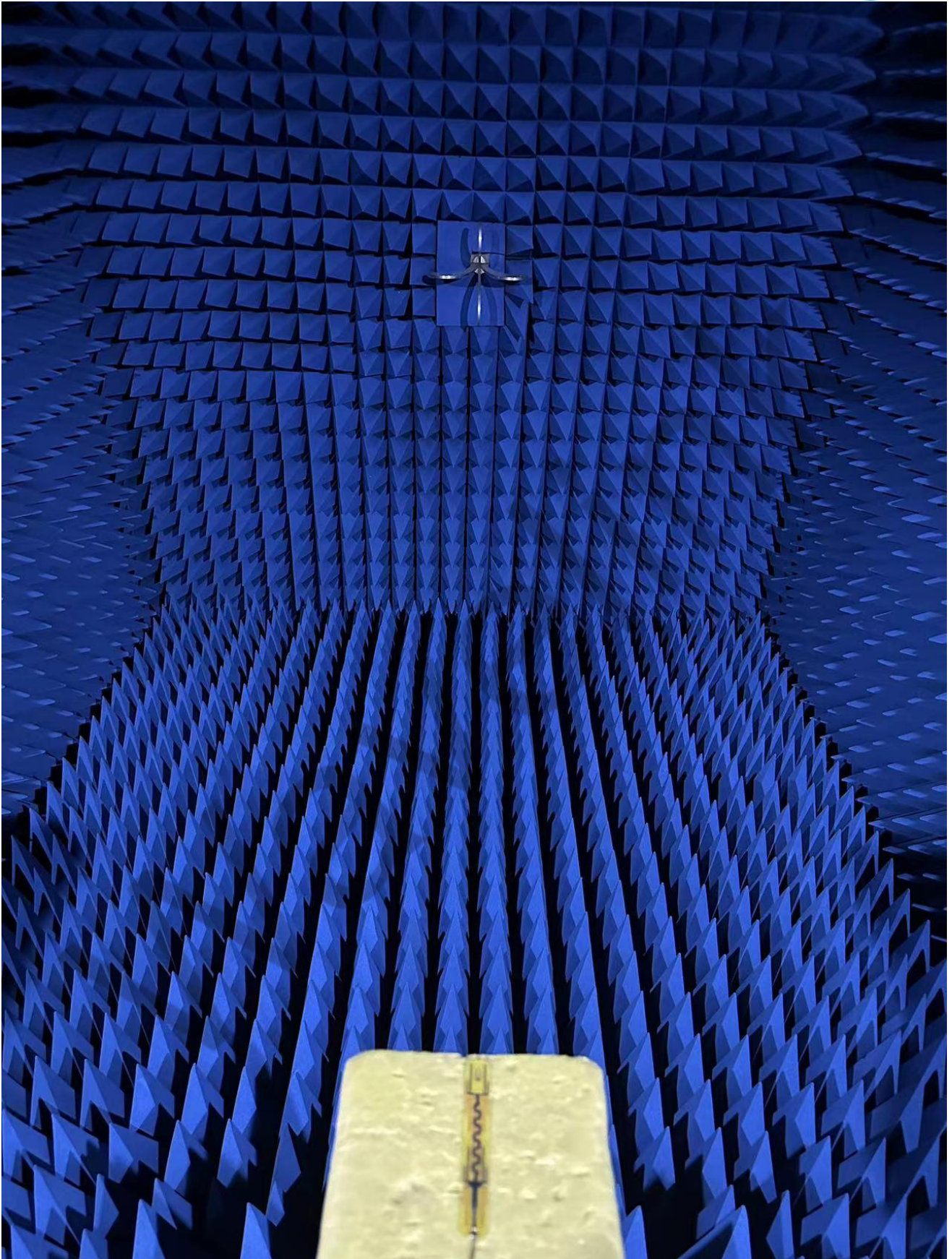
Mechanical Specifications

Antenna Size	95mm × 13mm
Casing	PCB
Connector Type	I-PEX
Working Temperature	-40 °C to +85 °C

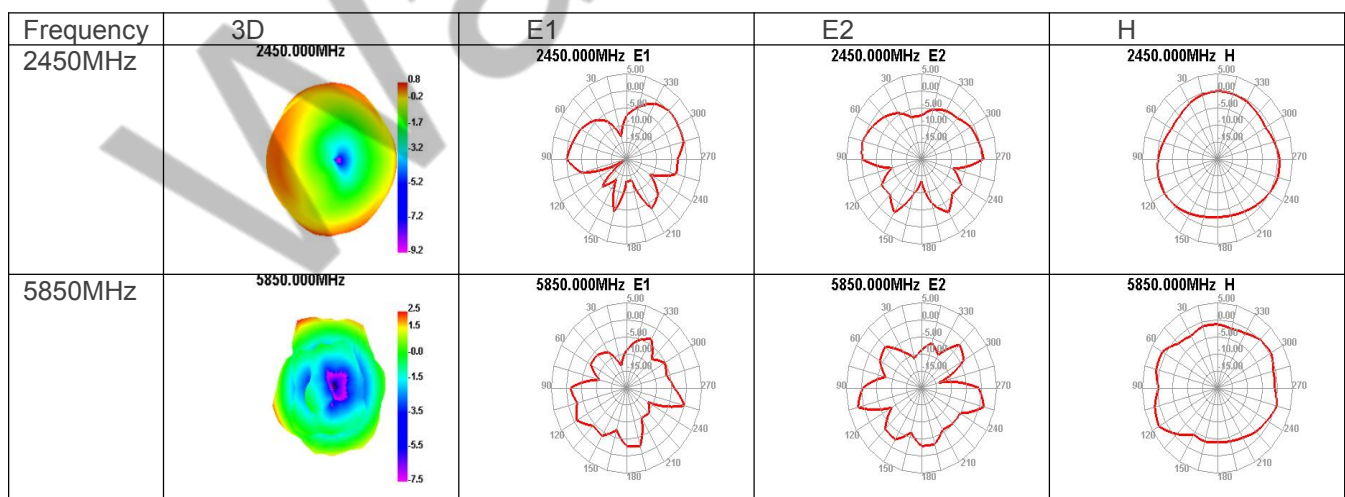
4 Overall Performance

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	44.28	-3.54	0.3	-1.85	0.3	-25.62	3.84	46.16	46.3
2410	45.24	-3.44	0.62	-1.53	0.62	-24.74	4.07	46.26	46.45
2420	45.15	-3.45	0.73	-1.42	0.73	-26.97	4.19	46.15	46.32
2430	45.94	-3.38	0.75	-1.4	0.75	-26.59	4.13	46.31	46.44
2440	47.57	-3.23	0.73	-1.42	0.73	-23.57	3.95	46.52	46.56
2450	52.12	-2.83	0.77	-1.38	0.77	-20.66	3.6	46.77	46.93
2460	51.43	-2.89	0.29	-1.86	0.29	-19.01	3.18	46.82	46.89
2470	53.88	-2.69	0.48	-1.67	0.48	-16.28	3.16	46.54	46.65
2480	56.31	-2.49	0.88	-1.27	0.88	-14.83	3.37	47.04	47.22
2490	57.96	-2.37	1.08	-1.07	1.08	-13.22	3.45	46.75	46.82
2500	57.93	-2.37	1.1	-1.05	1.1	-12.65	3.47	46.91	47.08
5150	6.45	-11.9	-4.53	-6.68	-4.53	-27.37	7.37	52.56	52.6
5200	8.01	-10.97	-5.15	-7.3	-5.15	-28.42	5.81	52.91	53
5250	11.19	-9.51	-4	-6.15	-4	-28.83	5.51	53.21	53.29
5300	14.98	-8.24	-2.47	-4.62	-2.47	-23.68	5.77	52.44	52.69
5350	18.25	-7.39	-1.25	-3.4	-1.25	-23.87	6.13	52.64	53
5400	23.17	-6.35	0.19	-1.96	0.19	-22.03	6.54	52.74	52.9
5450	29.94	-5.24	0.87	-1.28	0.87	-23.01	6.11	53.16	53.14
5500	34.42	-4.63	0.99	-1.16	0.99	-23.15	5.63	52.97	52.99
5550	40.12	-3.97	2.36	0.21	2.36	-20.79	6.32	53.13	53.29
5600	42.3	-3.74	2.94	0.79	2.94	-20.2	6.68	53.23	53.61
5650	44.61	-3.51	3.13	0.98	3.13	-25.21	6.64	52.92	53.16
5700	46.89	-3.29	2.84	0.69	2.84	-22.48	6.12	52.98	53.24
5750	47.73	-3.21	2.62	0.47	2.62	-17.8	5.83	53.32	53.6
5800	44.44	-3.52	2.24	0.09	2.24	-15.37	5.76	53.56	53.79
5850	45.25	-3.44	2.45	0.3	2.45	-15.84	5.9	53.5	53.52



5 Product Size

