

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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Email: sales@kswavelink.com

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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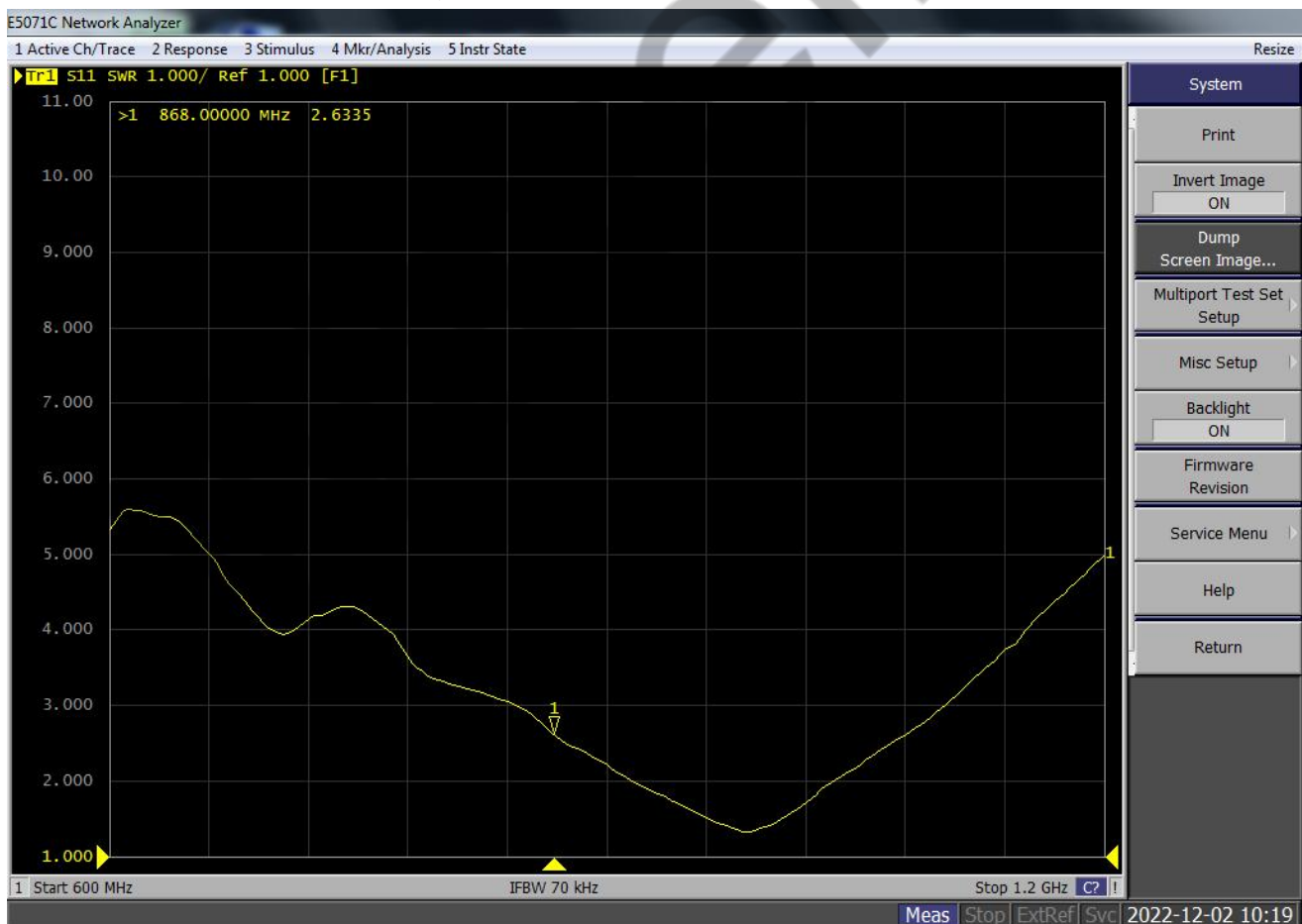
Input Impedance	50 Ω
VSWR	≤ 3
Gain	≤ 1 dBi
Polarization Type	Linear

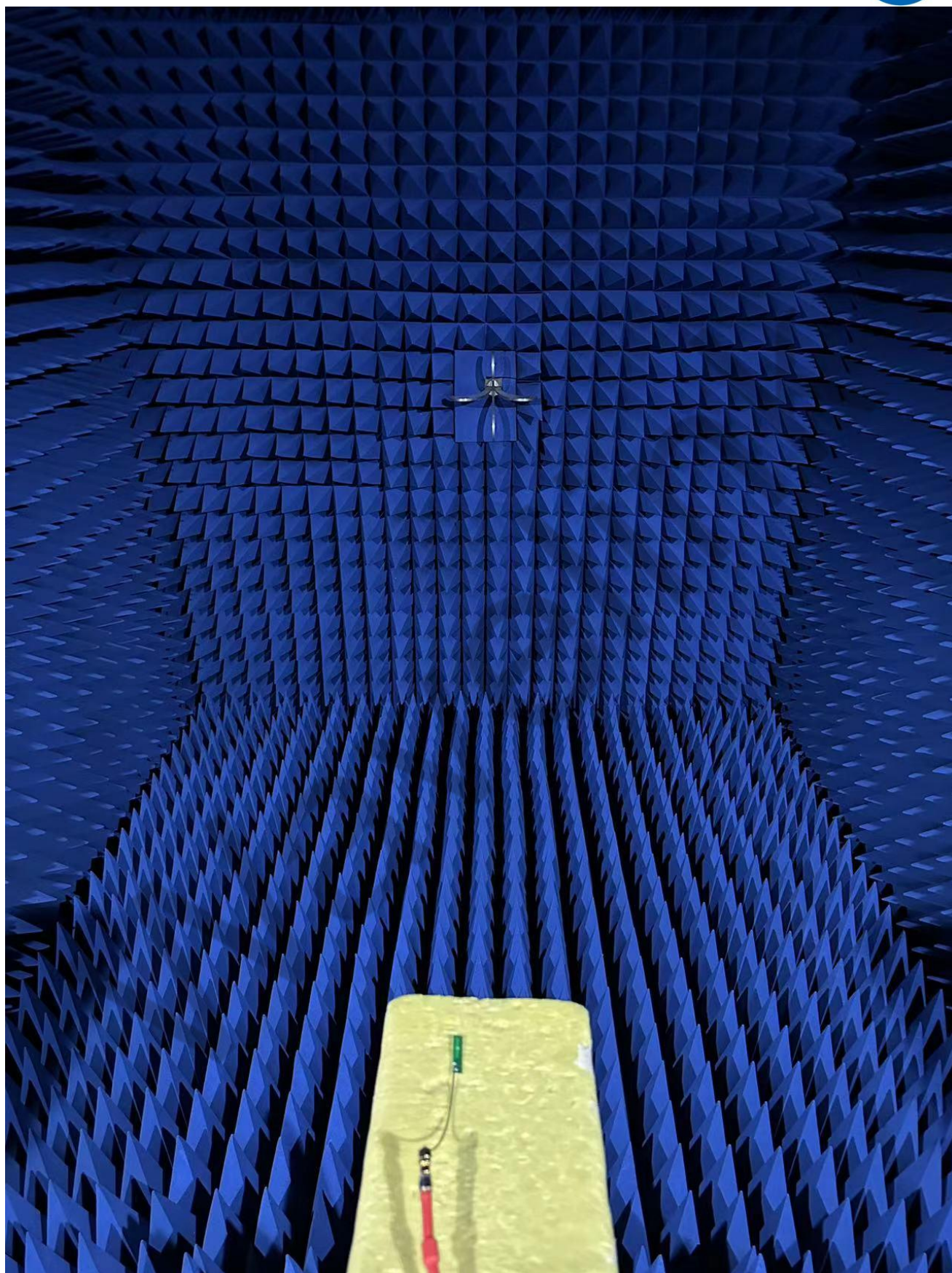
Mechanical Specifications

Antenna Size	31mm $\times$ 7mm
Casing	PCB
Connector Type	I-PEX
Working Temperature	-40 $^{\circ}$ C to +85 $^{\circ}$ C

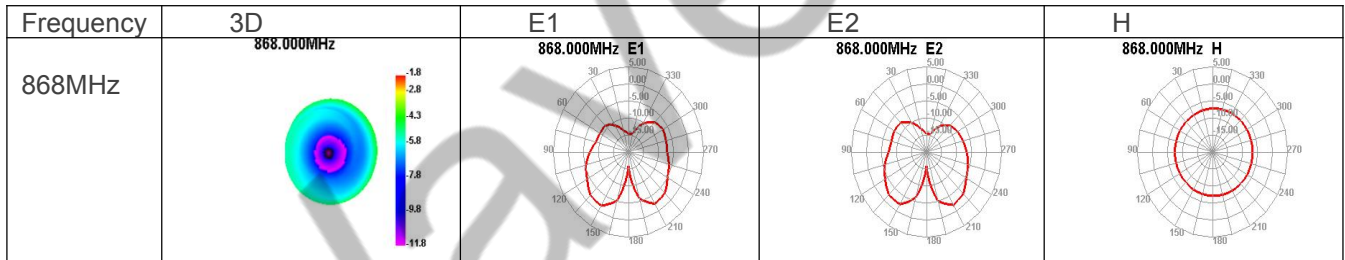
4 Overall Performance

KEYSIGHT VNA Network Analyzer E5071C 100 kHz – 8.5 GHz

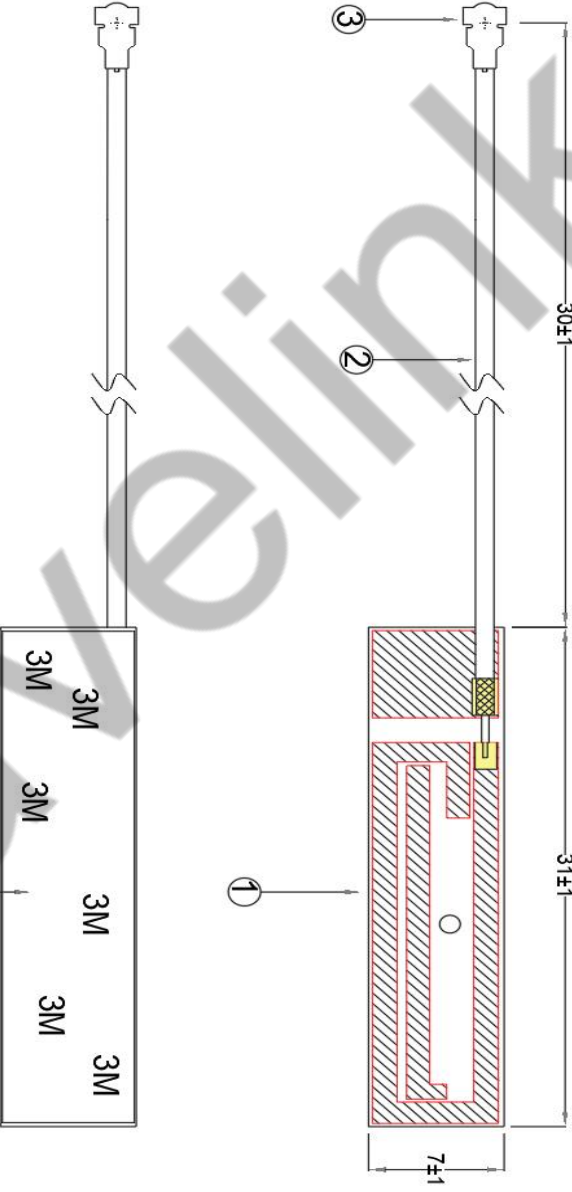




Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Directivity (dBi)	AttH (dB)	AttV (dB)
850	24.92	-6.03	-2.35	-4.5	-2.35	-16.13	3.69	37.95	37.95
852	25.83	-5.88	-2.15	-4.3	-2.15	-16.01	3.73	38.06	38.07
854	26.8	-5.72	-1.96	-4.11	-1.96	-15.87	3.76	38.17	38.18
856	27.53	-5.6	-1.8	-3.95	-1.8	-15.8	3.81	38.27	38.3
858	27.8	-5.56	-1.71	-3.86	-1.71	-15.79	3.85	38.37	38.4
860	27.66	-5.58	-1.69	-3.84	-1.69	-15.85	3.89	38.46	38.51
862	26.91	-5.7	-1.77	-3.92	-1.77	-15.84	3.93	38.48	38.52
864	26.33	-5.8	-1.83	-3.98	-1.83	-15.85	3.97	38.5	38.53
866	26	-5.85	-1.86	-4.01	-1.86	-15.92	3.99	38.52	38.54
868	25.96	-5.86	-1.84	-3.99	-1.84	-16.06	4.01	38.54	38.56
870	26.07	-5.84	-1.8	-3.95	-1.8	-16.19	4.04	38.56	38.57
872	26.45	-5.78	-1.71	-3.86	-1.71	-16.33	4.06	38.64	38.65
874	26.51	-5.77	-1.68	-3.83	-1.68	-16.56	4.09	38.72	38.74
876	26.42	-5.78	-1.66	-3.81	-1.66	-16.79	4.12	38.84	38.85
878	26.47	-5.77	-1.63	-3.78	-1.63	-17.02	4.14	38.98	38.99
880	26.84	-5.71	-1.54	-3.69	-1.54	-16.99	4.17	39.13	39.13



5 Product Size

A				B		C		D		E		F		G																							
										REV	DATE	DESCRIPTION																									
										X1	2021.8.18																										
																																					
Specification: Frequency Range: 868MHz Impedance: 50Ω VSWR: 3.0 max																																					
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昆山市海宣电子有限公司
Kunshan Wavelink Electronics Co., Ltd.