

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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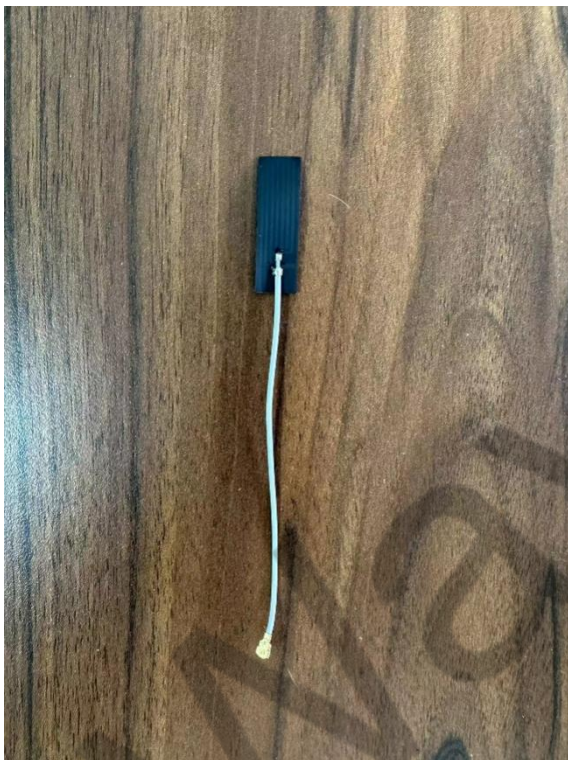
Wavelink

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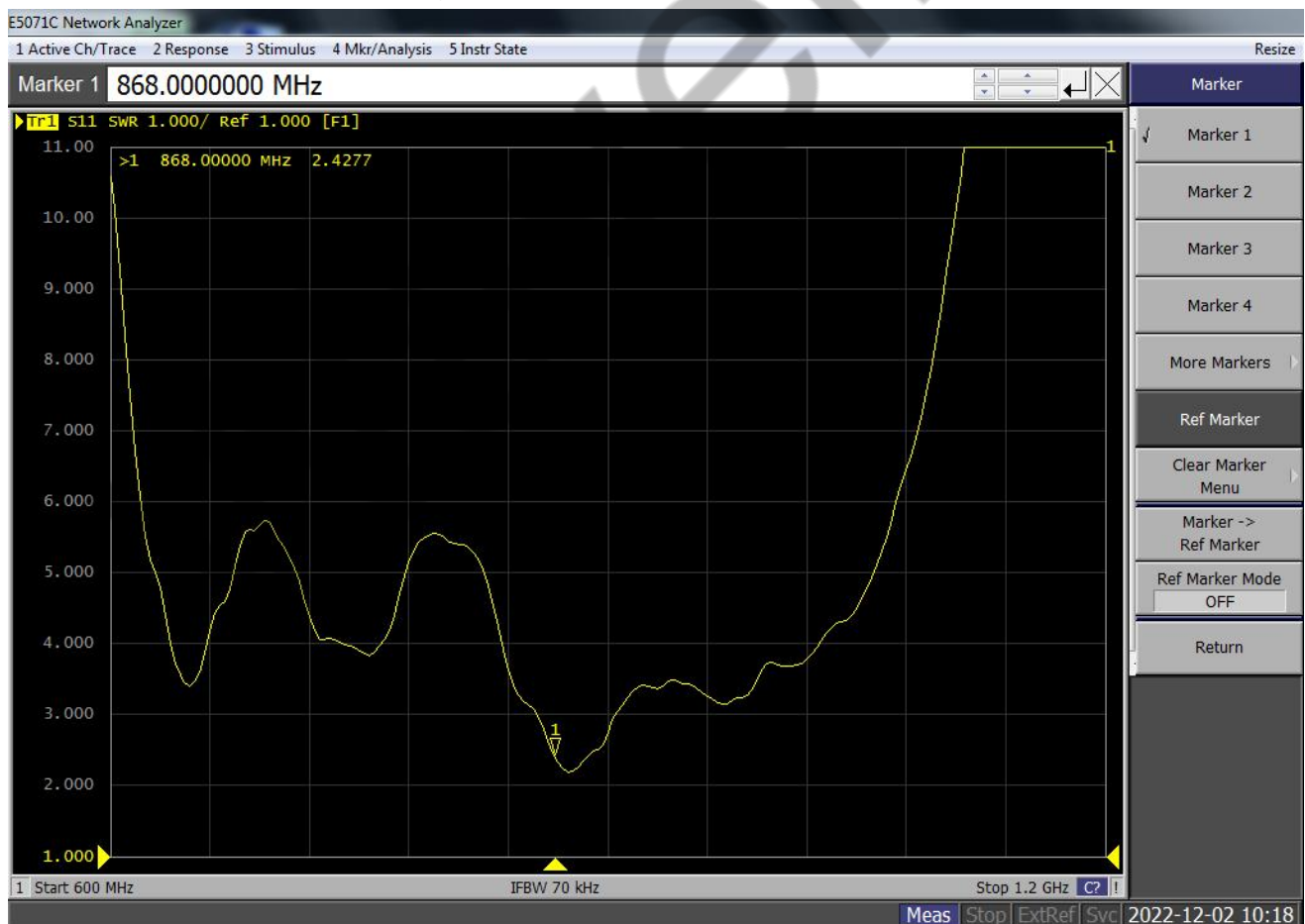
Input Impedance	50 Ω
VSWR	≤ 3
Gain	≤ 1 dBi
Polarization Type	Linear

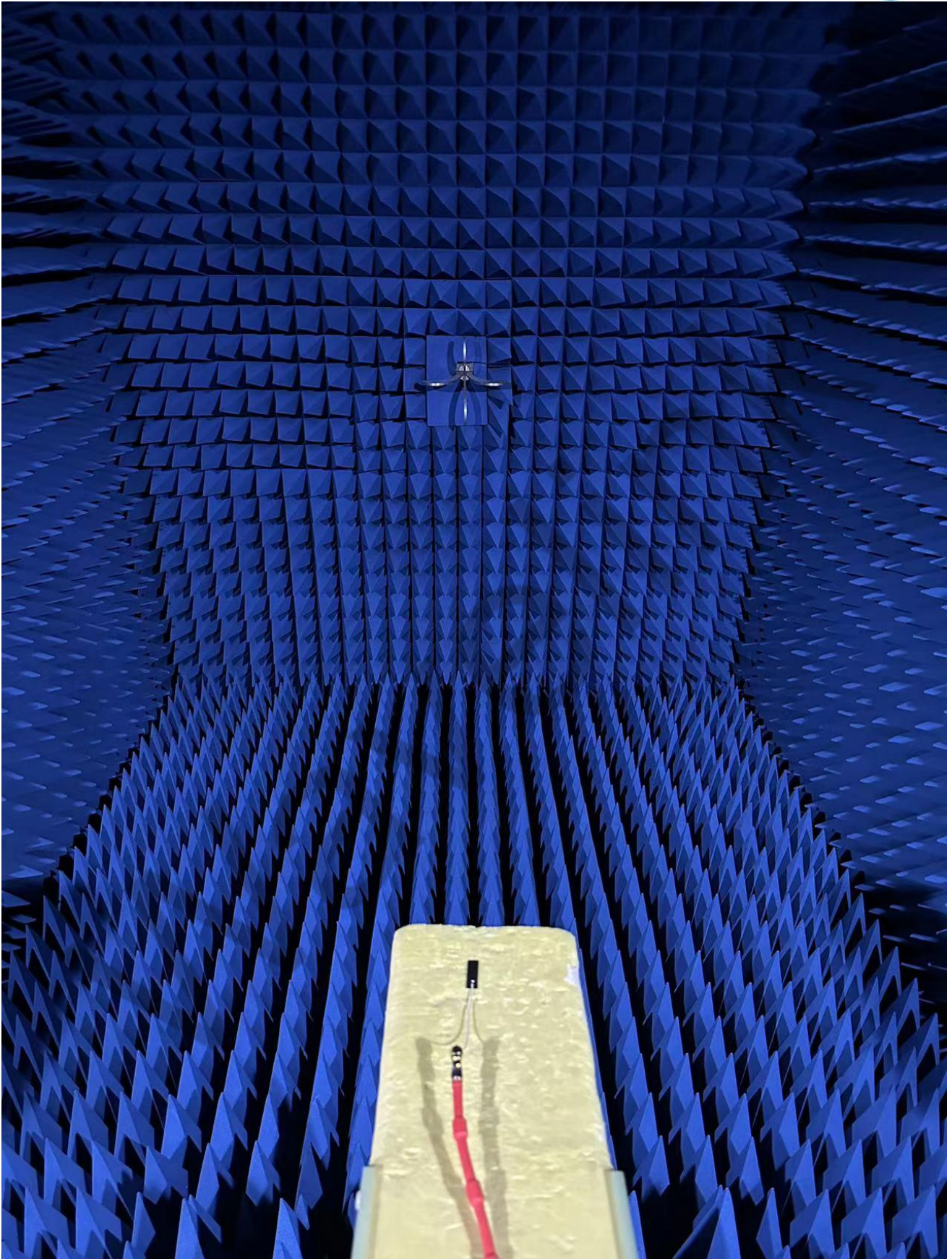
Mechanical Specifications

Antenna Size	29mm $\times$ 8mm
Casing	FPC
Connector Type	I-PEX
Working Temperature	-40 $^{\circ}$ C to +85 $^{\circ}$ C

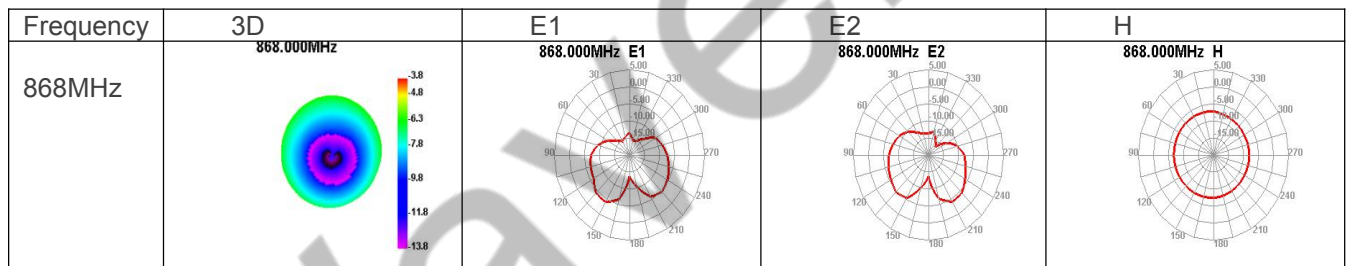
4 Overall Performance

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)	AttH (dB)	AttV (dB)
850	16.14	-7.92	-4.02	-6.17	-4.02	-17.07	3.9	37.95	37.95
852	16.65	-7.79	-3.87	-6.02	-3.87	-17.05	3.91	38.06	38.07
854	17.1	-7.67	-3.78	-5.93	-3.78	-17.01	3.89	38.17	38.18
856	17.41	-7.59	-3.7	-5.85	-3.7	-16.98	3.89	38.27	38.3
858	17.55	-7.56	-3.69	-5.84	-3.69	-16.87	3.86	38.37	38.4
860	17.6	-7.54	-3.68	-5.83	-3.68	-16.67	3.86	38.46	38.51
862	17.35	-7.61	-3.73	-5.88	-3.73	-16.63	3.87	38.48	38.52
864	17.21	-7.64	-3.77	-5.92	-3.77	-16.68	3.87	38.5	38.53
866	17.23	-7.64	-3.79	-5.94	-3.79	-16.7	3.84	38.52	38.54
868	17.35	-7.61	-3.79	-5.94	-3.79	-16.69	3.81	38.54	38.56
870	17.44	-7.58	-3.8	-5.95	-3.8	-16.61	3.78	38.56	38.57
872	17.63	-7.54	-3.78	-5.93	-3.78	-16.49	3.76	38.64	38.65
874	17.59	-7.55	-3.81	-5.96	-3.81	-16.4	3.74	38.72	38.74
876	17.51	-7.57	-3.83	-5.98	-3.83	-16.41	3.74	38.84	38.85
878	17.54	-7.56	-3.78	-5.93	-3.78	-16.35	3.78	38.98	38.99
880	17.75	-7.51	-3.68	-5.83	-3.68	-16.07	3.82	39.13	39.13





Frequency Range: 868MHz
VSWR: 3.0 max

3	CONN	RF1.13 Connector	1	
2	Cable	RF1.13,Black	1	
1	PC	29*8mm	1	
NO	DESCRIPTION		QTY	REMARK

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