

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 433MHz.

2 Product Features

Easy to install
High efficiency
Removable



3 Product Specifications

Passive Electrical Specifications

Frequency Range	433 MHz
Input Impedance	50 Ω
VSWR	≤ 2
Gain	≤ 1 dBi

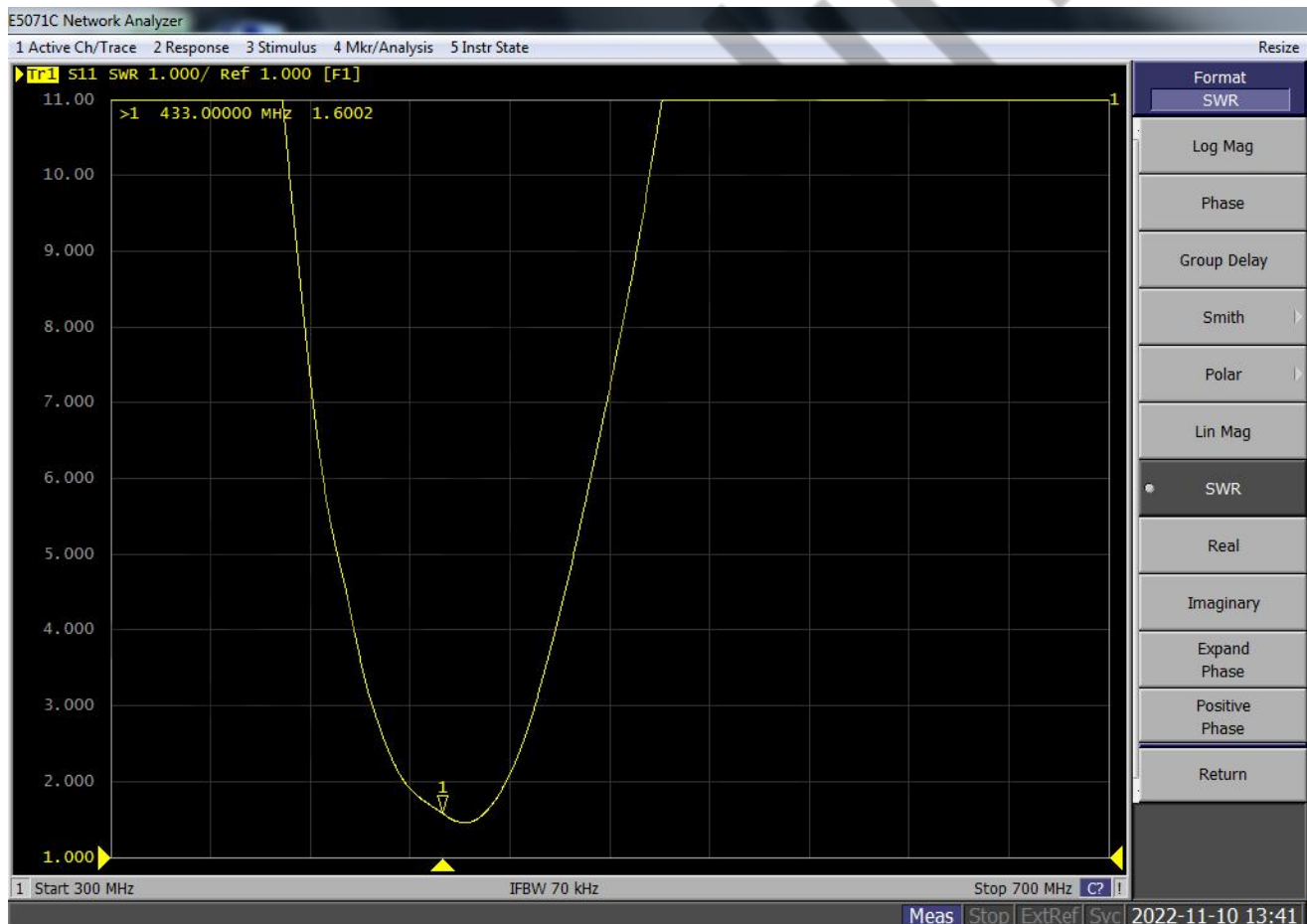
Polarization Type Linear

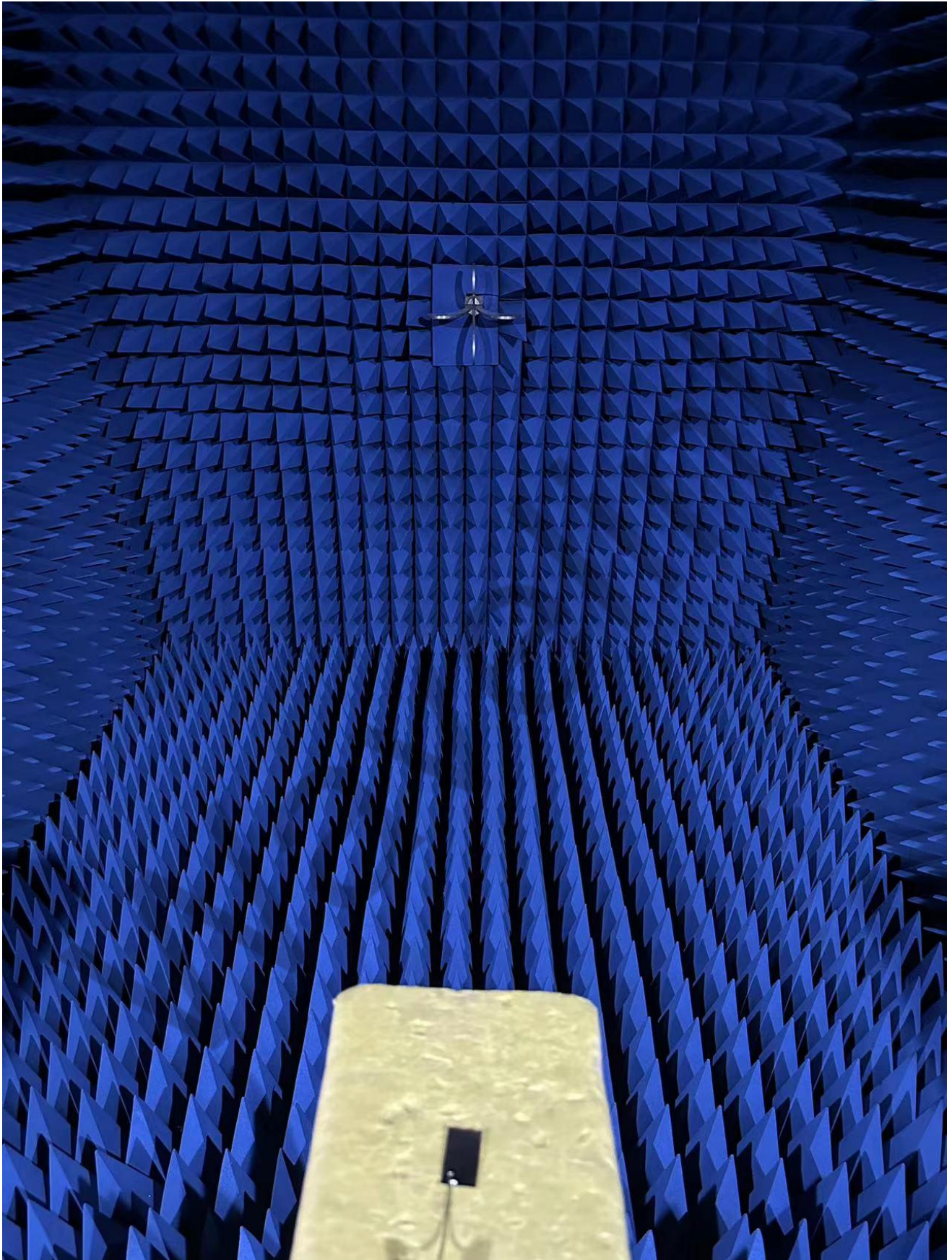
Mechanical Specifications

Antenna Size	27mm × 17mm
Casing	FPC
Connector Type	I-PEX
Working Temperature	-40 °C to +85 °C
Radome Color	Black

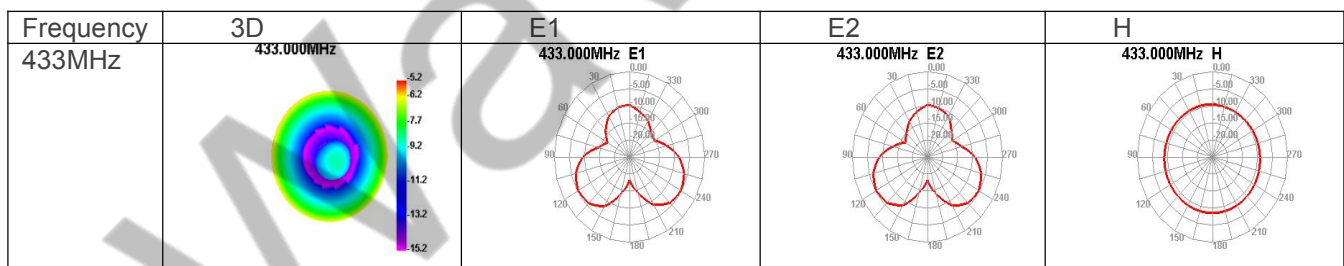
4 Overall Performance

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)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
420	13.94	-8.56	-4.92	-7.07	-4.92	-16.89	8.56	45	37.55	37.52
421	14.06	-8.52	-4.88	-7.03	-4.88	-16.97	8.52	45	37.5	37.47
422	14.13	-8.5	-4.86	-7.01	-4.86	-17.05	8.5	45	37.45	37.42
423	14.13	-8.5	-4.86	-7.01	-4.86	-17.14	8.5	45	37.4	37.37
424	14.07	-8.52	-4.88	-7.03	-4.88	-17.3	8.52	45	37.34	37.32
425	13.95	-8.55	-4.92	-7.07	-4.92	-17.4	8.55	45	37.29	37.27
426	14.05	-8.52	-4.89	-7.04	-4.89	-17.48	8.52	30	37.31	37.32
427	14.14	-8.5	-4.87	-7.02	-4.87	-17.53	8.5	30	37.34	37.36
428	14.23	-8.47	-4.85	-7	-4.85	-17.56	8.47	30	37.36	37.41
429	14.35	-8.43	-4.82	-6.97	-4.82	-17.59	8.43	30	37.38	37.45
430	14.49	-8.39	-4.78	-6.93	-4.78	-17.6	8.39	30	37.41	37.5
431	14.01	-8.54	-4.94	-7.09	-4.94	-17.81	8.54	30	37.23	37.32
432	13.55	-8.68	-5.08	-7.23	-5.08	-18.02	8.68	30	37.06	37.14
433	13.12	-8.82	-5.23	-7.38	-5.23	-18.21	8.82	30	36.89	36.96
434	12.69	-8.97	-5.38	-7.53	-5.38	-18.4	8.97	30	36.72	36.78
435	12.26	-9.12	-5.53	-7.68	-5.53	-18.58	9.12	30	36.55	36.6
436	11.91	-9.24	-5.66	-7.81	-5.66	-18.77	9.24	30	36.41	36.47
437	11.54	-9.38	-5.79	-7.94	-5.79	-18.95	9.38	30	36.27	36.33
438	11.16	-9.52	-5.95	-8.1	-5.95	-19.15	9.52	30	36.13	36.2
439	10.76	-9.68	-6.09	-8.24	-6.09	-19.34	9.68	30	36	36.06
440	10.37	-9.84	-6.26	-8.41	-6.26	-19.57	9.84	30	35.86	35.93



5 Product Size

