

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 FPC antenna covers GSM.

2 Product Features

Easy to install
High efficiency
Removable



3 Product Specifications

Passive Electrical Specifications

Frequency Range	824-960 MHz 1710-1900MHz
Input Impedance	50 Ω

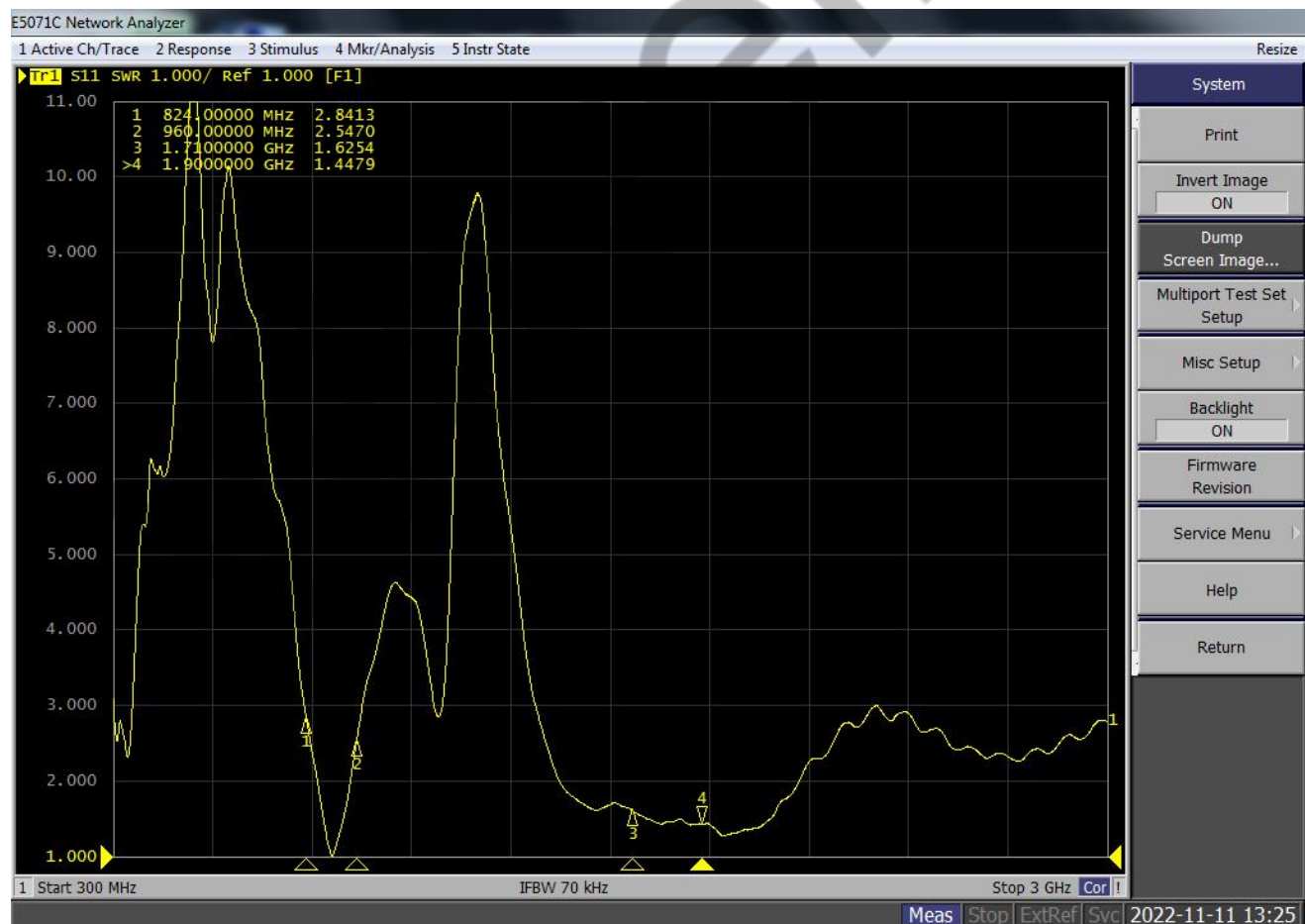
VSWR	≤ 3
Gain	≤ 2 dBi
Polarization Type	Linear

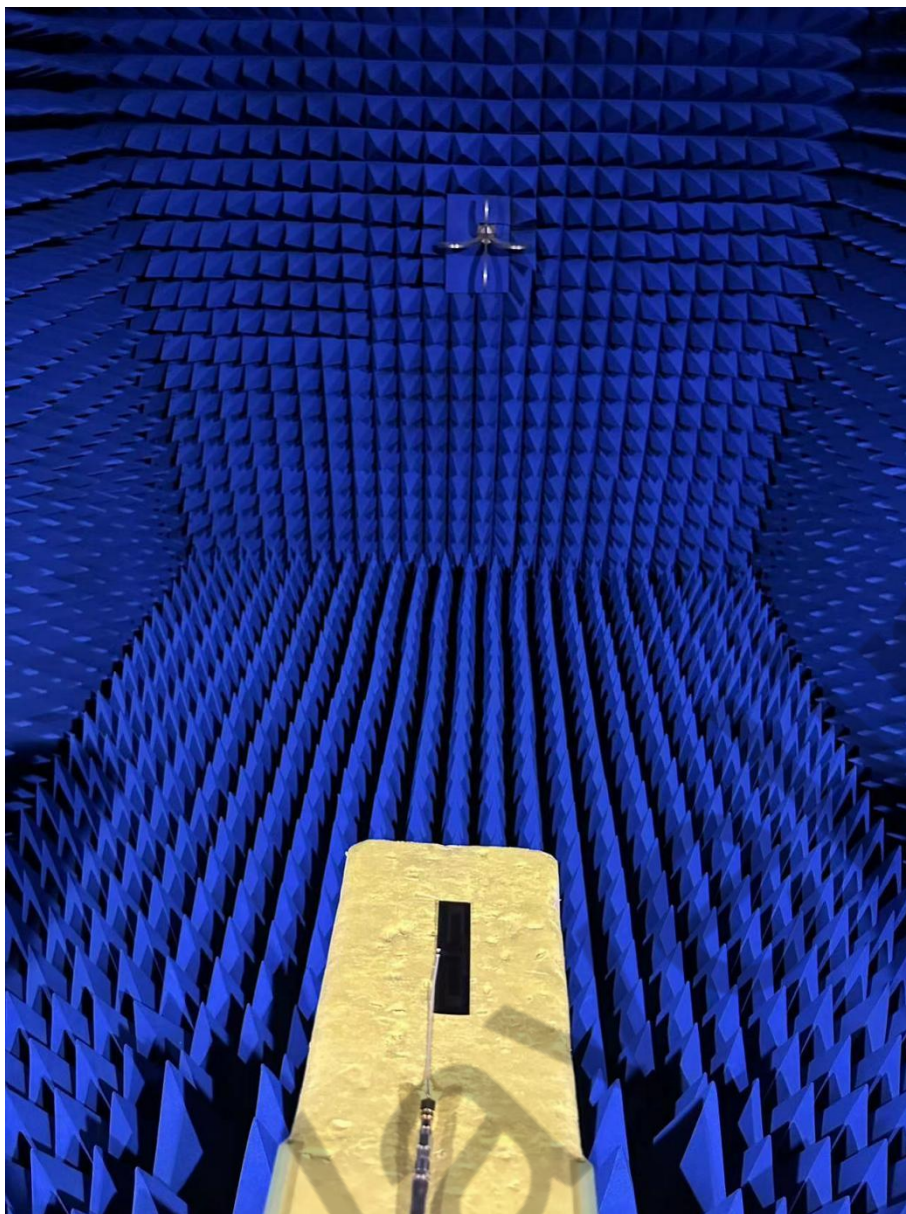
Mechanical Specifications

Antenna Size	80mm × 21mm
Casing	FPC
Connector Type	I-PEX
Working Temperature	-40 °C to +85 °C
Radome Color	Black

4 Overall Performance

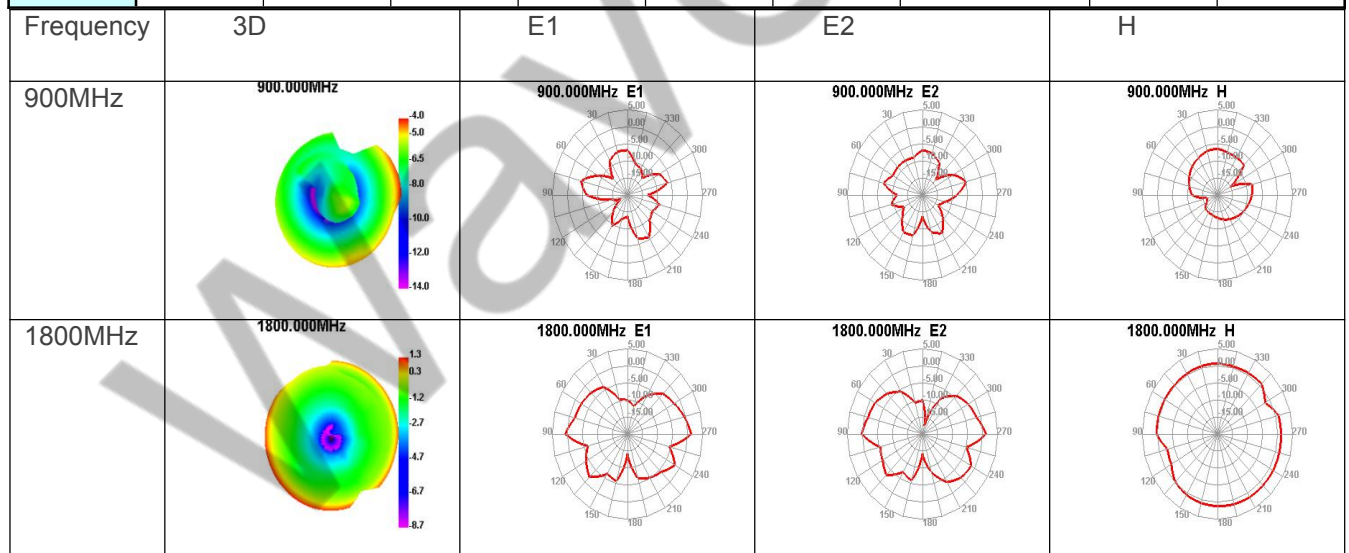
KEYSIGHT VNA Network Analyzer E5071C 100 kHz – 8.5 GHz





Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Directivity (dBi)	AttH (dB)	AttV (dB)
900	12.99	-8.86	-3.99	-6.14	-3.99	-17.44	8.86	38.89	38.48
905	15.59	-8.07	-3.12	-5.27	-3.12	-16.45	8.07	40.02	39.61
910	11.19	-9.51	-4.54	-6.69	-4.54	-18.22	9.51	38.79	38.38
915	15.42	-8.12	-3.15	-5.3	-3.15	-16.76	8.12	40.12	39.71
920	11.72	-9.31	-4.36	-6.51	-4.36	-17.52	9.31	39.52	39.09
925	12.03	-9.2	-4.19	-6.34	-4.19	-19.15	9.2	40.25	39.78
930	13.9	-8.57	-3.33	-5.48	-3.33	-21.47	8.57	40.86	40.33
935	12.02	-9.2	-3.61	-5.76	-3.61	-24.52	9.2	40.35	39.75
940	16.45	-7.84	-1.95	-4.1	-1.95	-22.7	7.84	41.74	41.06

945	13.16	-8.81	-2.78	-4.93	-2.78	-23.57	8.81	40.35	39.62
950	18.8	-7.26	-1.21	-3.36	-1.21	-21.98	7.26	41.57	40.8
955	16.37	-7.86	-1.91	-4.06	-1.91	-19.09	7.86	40.3	39.52
960	20.83	-6.81	-1.12	-3.27	-1.12	-17.83	6.81	40.58	39.82
1710	47.01	-3.28	0.78	-1.37	0.78	-16.66	3.28	42.38	42.28
1720	47.85	-3.2	0.32	-1.83	0.32	-16.7	3.2	42.63	42.45
1730	51.48	-2.88	0.07	-2.08	0.07	-16.61	2.88	42.47	42.25
1740	48.53	-3.14	-0.11	-2.26	-0.11	-16.8	3.14	42.37	42.16
1750	50.73	-2.95	0.34	-1.81	0.34	-16.54	2.95	42.4	42.19
1760	53.29	-2.73	0.85	-1.3	0.85	-16.1	2.73	42.68	42.45
1770	49.44	-3.06	0.79	-1.36	0.79	-15.61	3.06	42.45	42.22
1780	47.17	-3.26	0.75	-1.4	0.75	-14.94	3.26	42.31	42.07
1790	49.37	-3.07	1	-1.15	1	-17.14	3.07	42.28	41.97
1800	53.48	-2.72	1.35	-0.8	1.35	-18.38	2.72	42.54	42.15
1810	53.36	-2.73	1.27	-0.88	1.27	-18.62	2.73	42.55	42.14
1820	50.93	-2.93	0.98	-1.17	0.98	-18.38	2.93	42.37	42
1830	56.29	-2.5	1.32	-0.83	1.32	-17.65	2.5	42.75	42.38
1840	56.6	-2.47	1.31	-0.84	1.31	-17.5	2.47	43.03	42.69
1850	62.52	-2.04	1.63	-0.52	1.63	-17.26	2.04	43.26	42.98
1860	63.54	-1.97	1.57	-0.58	1.57	-17.64	1.97	43.28	42.98
1870	61.62	-2.1	1.3	-0.85	1.3	-17.76	2.1	43.15	42.86
1880	63.92	-1.94	1.4	-0.75	1.4	-16.93	1.94	43.21	42.94
1890	66.48	-1.77	1.71	-0.44	1.71	-17.11	1.77	43.39	43.06
1900	68.42	-1.65	1.92	-0.23	1.92	-17.48	1.65	43.49	43.26



5 Product Size

[illegible]