

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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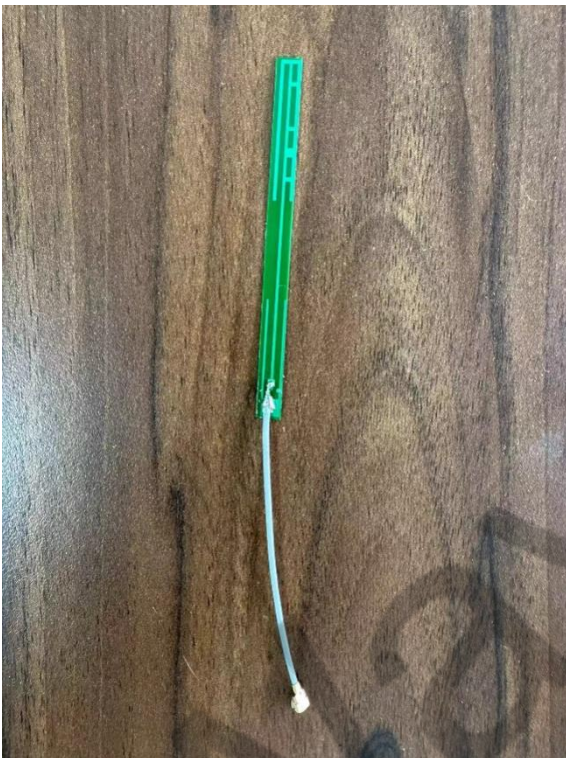
Wavelink

1 Product Description

This wavelink antenna covers GSM.

2 Product Features

Easy to install
High efficiency
Removable



3 Product Specifications

Passive Electrical Specifications

Frequency Range	824-960 MHz 1710-2170MHz
Input Impedance	50 Ω

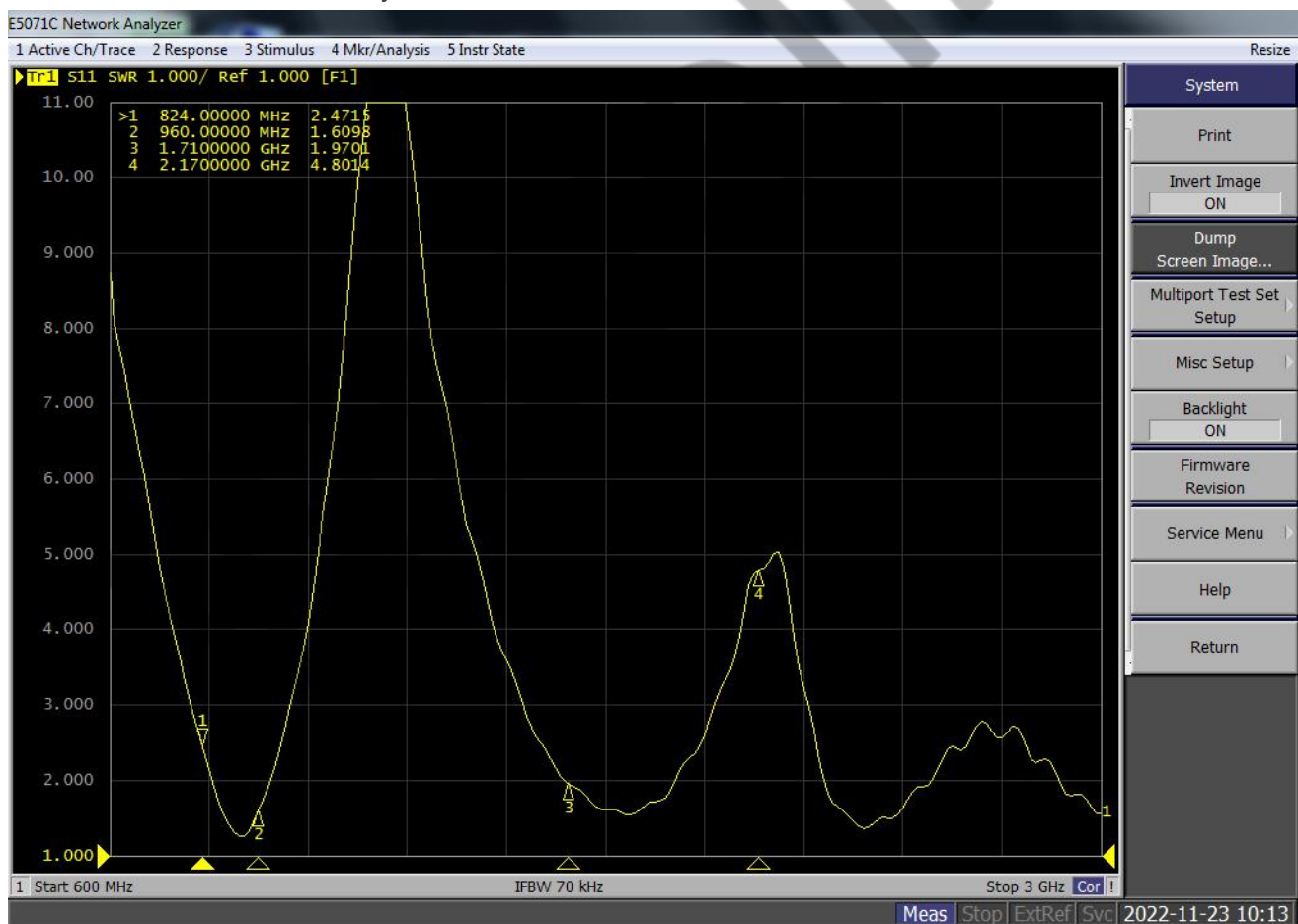
VSWR	≤5
Gain	≤3 dBi
Polarization Type	Linear

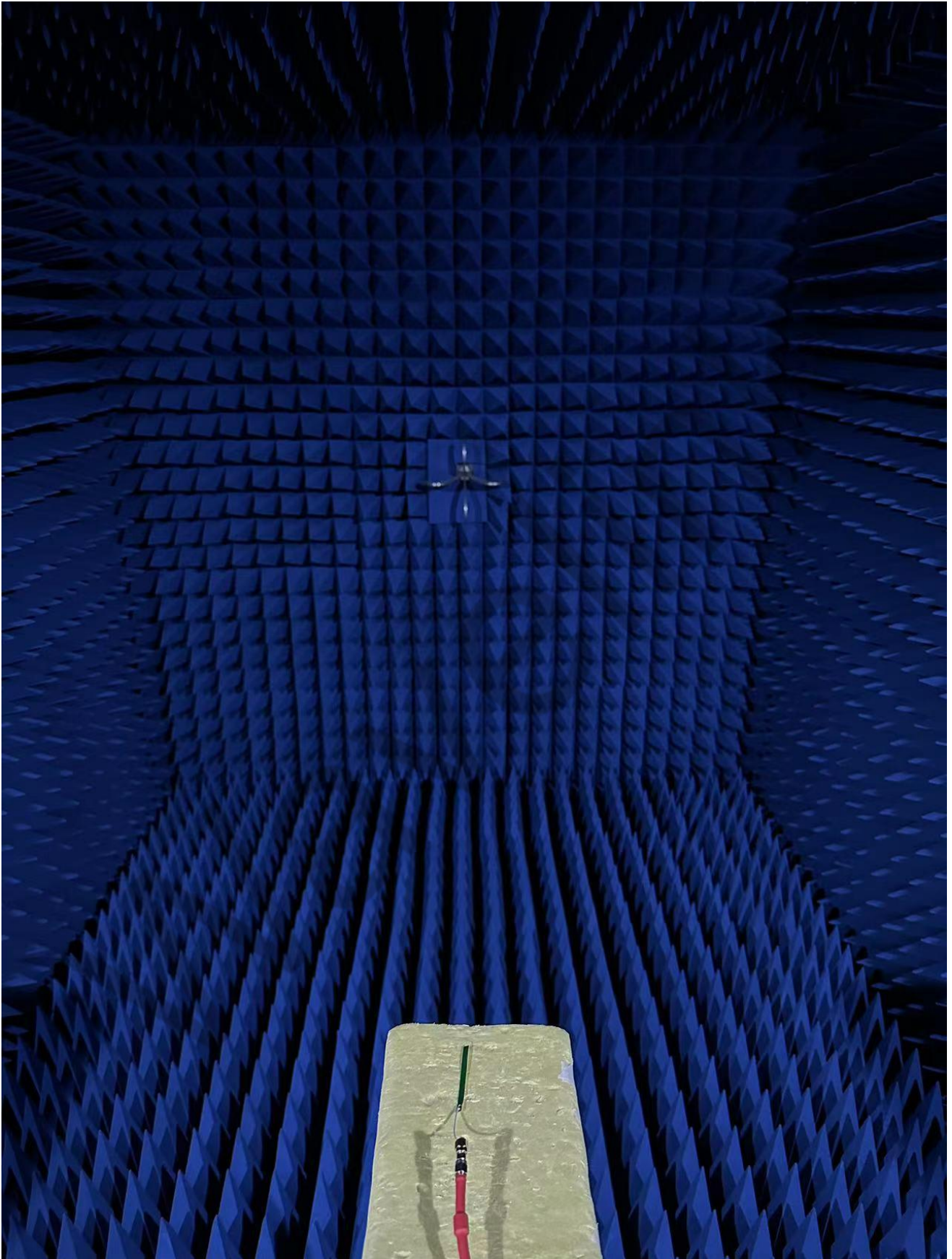
Mechanical Specifications

Antenna Size	64mm ×4mm
Connector Type	I-PEX
Working Temperature	-40 °C to +85 °C
Casing	FPC

4 Overall Performance

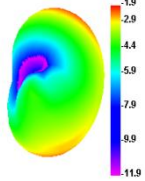
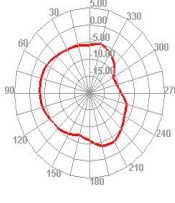
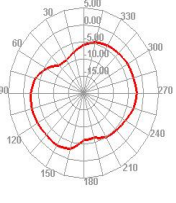
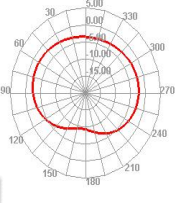
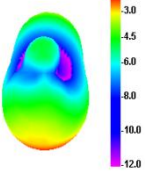
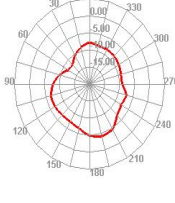
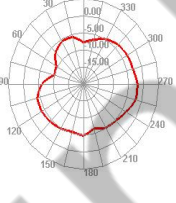
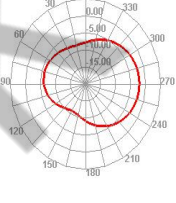
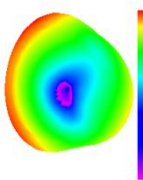
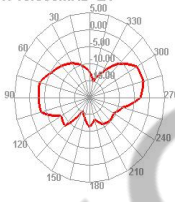
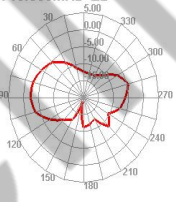
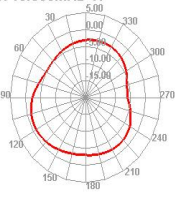
KEYSIGHT VNA Network Analyzer E5071C 100 kHz – 8.5 GHz





Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Directivity (dBi)	AttH (dB)	AttV (dB)
820	35.75	-4.47	-1.92	-4.07	-1.92	-12.67	2.55	37.56	37.65
830	39.95	-3.98	-1.22	-3.37	-1.22	-11.98	2.77	38.01	38.02
840	36.14	-4.42	-1.56	-3.71	-1.56	-12.45	2.86	37.66	37.69
850	37.78	-4.23	-1.31	-3.46	-1.31	-13.25	2.92	37.95	37.95
860	41.9	-3.78	-0.88	-3.03	-0.88	-13.3	2.9	38.46	38.51
870	39.48	-4.04	-1.04	-3.19	-1.04	-14.2	3	38.56	38.57
880	40.73	-3.9	-1.02	-3.17	-1.02	-13.66	2.89	39.13	39.13
890	39.84	-4	-1.14	-3.29	-1.14	-13.64	2.86	39.4	39.39
900	33.95	-4.69	-1.63	-3.78	-1.63	-13.21	3.06	39.82	39.71
910	28.94	-5.38	-2.14	-4.29	-2.14	-14.86	3.24	40.04	39.93
920	19.68	-7.06	-3.4	-5.55	-3.4	-17.52	3.66	40.17	40.07
930	9.98	-10.01	-6.17	-8.32	-6.17	-22.96	3.84	40.36	40.22
940	10.57	-9.76	-5.95	-8.1	-5.95	-21.59	3.81	40.37	40.21
950	19.66	-7.06	-3.08	-5.23	-3.08	-15.8	3.98	40.51	40.23
960	25.16	-5.99	-2.05	-4.2	-2.05	-14.88	3.94	40.26	39.96
1700	30.45	-5.16	-0.51	-2.66	-0.51	-17.78	4.65	42.66	42.74
1710	28.36	-5.47	-0.71	-2.86	-0.71	-20.37	4.76	42.41	42.5
1720	25.27	-5.97	-1.29	-3.44	-1.29	-25.78	4.69	42.24	42.31
1730	22.34	-6.51	-1.95	-4.1	-1.95	-26.54	4.56	42.06	42.19
1740	27.18	-5.66	-1.23	-3.38	-1.23	-27.89	4.42	42.71	42.9
1750	29.32	-5.33	-0.64	-2.79	-0.64	-24.33	4.68	42.75	42.88
1760	31.04	-5.08	-0.14	-2.29	-0.14	-21.41	4.94	42.78	42.9
1770	32.43	-4.89	0.26	-1.89	0.26	-19.19	5.15	42.99	43.01
1780	31.03	-5.08	0.16	-1.99	0.16	-17.16	5.24	42.84	42.92
1790	31.49	-5.02	0.25	-1.9	0.25	-16.25	5.27	42.72	42.8
1800	31.64	-5	0.15	-2	0.15	-16.21	5.15	42.62	42.74
1810	33.7	-4.72	0.15	-2	0.15	-15.84	4.88	42.94	43.1
1820	30.57	-5.15	-0.78	-2.93	-0.78	-15.5	4.36	42.81	42.89
1830	31.14	-5.07	-0.58	-2.73	-0.58	-14.08	4.49	42.95	42.99
1840	36.63	-4.36	0.06	-2.09	0.06	-14.29	4.43	43.3	43.22
1850	38.14	-4.19	0.5	-1.65	0.5	-15.85	4.69	43.34	43.21
1860	39.89	-3.99	0.64	-1.51	0.64	-18.85	4.63	43.55	43.42
1870	36.67	-4.36	0.22	-1.93	0.22	-20.16	4.58	43.39	43.24
1880	36.78	-4.34	0.17	-1.98	0.17	-19.83	4.51	43.41	43.26
1890	37.16	-4.3	0.35	-1.8	0.35	-19.37	4.65	43.39	43.23
1900	37.05	-4.31	0.51	-1.64	0.51	-18.56	4.82	43.4	43.23
1910	37.22	-4.29	0.66	-1.49	0.66	-18.44	4.95	43.53	43.29
1920	37.86	-4.22	0.87	-1.28	0.87	-20.24	5.08	43.68	43.56
1930	38	-4.2	0.99	-1.16	0.99	-20.88	5.2	43.82	43.66
1940	37.3	-4.28	1.01	-1.14	1.01	-21.15	5.29	43.64	43.54
1950	37.09	-4.31	1.1	-1.05	1.1	-19.54	5.41	43.69	43.62

1960	36.43	-4.39	1.13	-1.02	1.13	-21.31	5.52	43.61	43.5
1970	35.45	-4.5	1.15	-1	1.15	-24.04	5.65	43.6	43.5
1980	35.97	-4.44	1.33	-0.82	1.33	-24.47	5.77	43.65	43.62
1990	37.04	-4.31	1.58	-0.57	1.58	-25.95	5.9	43.8	43.76
2000	39.6	-4.02	2	-0.15	2	-26.83	6.02	44.07	44.09
2010	41.73	-3.8	2.36	0.21	2.36	-25.7	6.15	44.5	44.61
2020	42.35	-3.73	2.58	0.43	2.58	-23.76	6.31	44.48	44.56
2030	42.65	-3.7	2.68	0.53	2.68	-22.25	6.38	44.6	44.76
2040	41.43	-3.83	2.61	0.46	2.61	-21.64	6.44	44.55	44.67
2050	41.73	-3.8	2.61	0.46	2.61	-20.77	6.4	44.46	44.6
2060	40.41	-3.94	2.4	0.25	2.4	-20.38	6.34	44.56	44.67
2070	40.02	-3.98	2.26	0.11	2.26	-19.99	6.24	44.55	44.64
2080	38.41	-4.16	1.92	-0.23	1.92	-20.47	6.08	44.51	44.7
2090	37.41	-4.27	1.62	-0.53	1.62	-21.25	5.89	44.47	44.66
2100	36.37	-4.39	1.25	-0.9	1.25	-22.35	5.65	44.59	44.83
2110	37.78	-4.23	1.21	-0.94	1.21	-22.83	5.43	44.8	44.98
2120	38	-4.2	1.08	-1.07	1.08	-23.33	5.28	44.86	45.02
2130	37.8	-4.23	0.97	-1.18	0.97	-24.46	5.2	44.83	44.9
2140	36.79	-4.34	0.78	-1.37	0.78	-24.98	5.13	44.8	44.9
2150	36.66	-4.36	0.74	-1.41	0.74	-25.69	5.1	44.91	45
2160	36.32	-4.4	0.58	-1.57	0.58	-24.39	4.98	44.83	44.89
2170	35.96	-4.44	0.38	-1.77	0.38	-25.91	4.82	45.01	45.18

Frequency	3D	E1	E2	H
820MHz	820.000MHz 	820.000MHz E1 	820.000MHz E2 	820.000MHz H 
960MHz	960.000MHz 	960.000MHz E1 	960.000MHz E2 	960.000MHz H 
1710MHz	1710.000MHz 	1710.000MHz E1 	1710.000MHz E2 	1710.000MHz H 

5 Product Size

