

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:

2nd Floor, Building D, No. 88 Tongqiu Road, Zhangpu Town, Kunshan City, Jiangsu Province, China

Tel: +86-512-57449488

Email: sales@kswavelink.com

Wavelink Certifications:



Wavelink Partners:

Skyworth **NARI**

flex

 **HUAWEI**

 **VVDN**
TECHNOLOGIES

Tenda **Infinova**

dji

Hikvision

JABIL

Catalogue

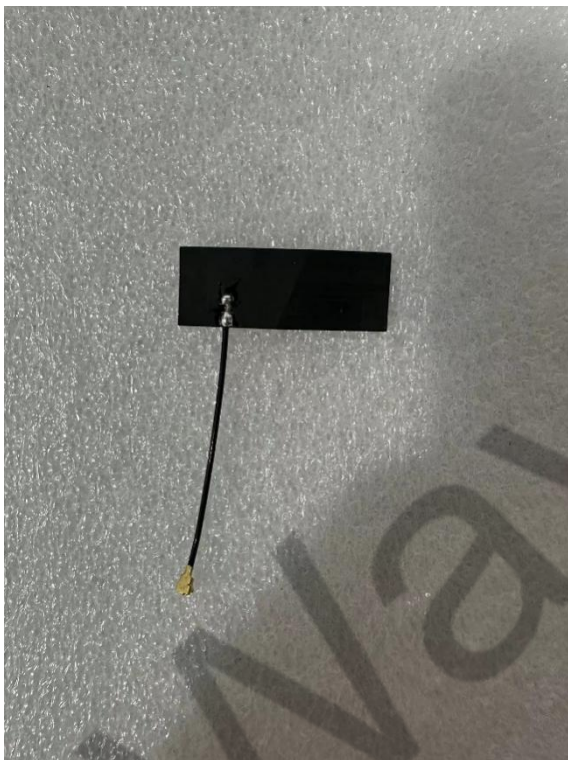
1	Product Description	3
2	Product Features	3
3	Product Specifications	3
4	Overall Performance	4
5	Product Size	8

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	824-960MHz /1710-2170MHz
-----------------	--------------------------

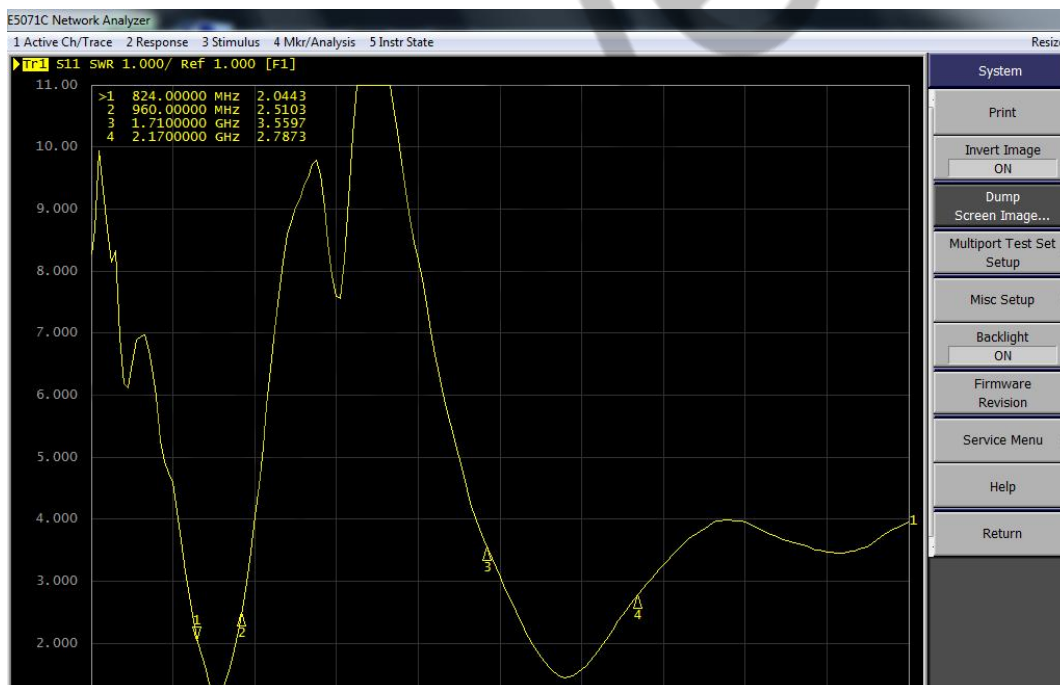
Input Impedance	50 Ω
VSWR	≤ 3
Gain	≤ 3 dBi
Polarization Type	Linear

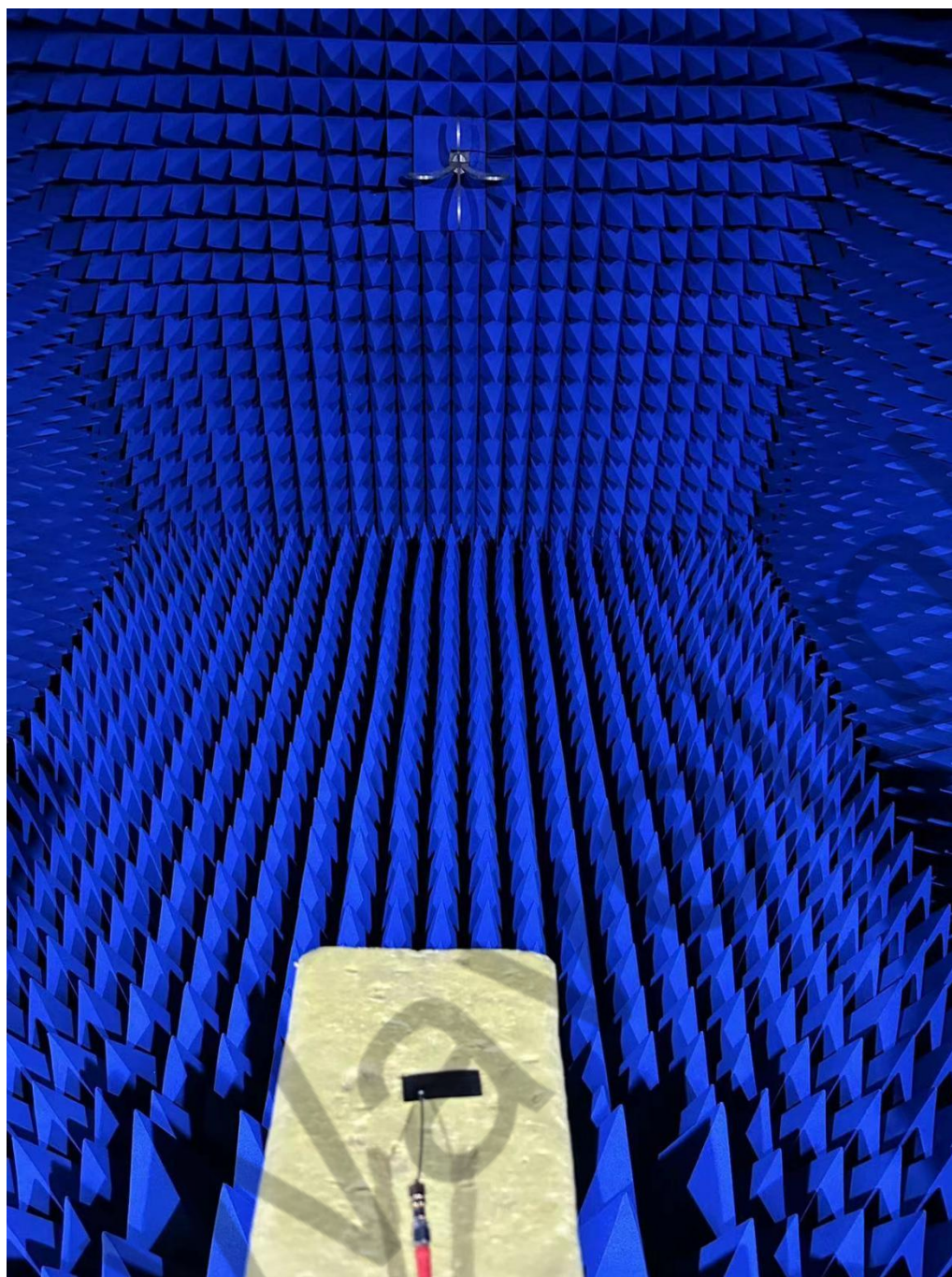
Mechanical Specifications

Antenna Size	40mm $\times$ 15mm
Casing	FPC
Connector Type	I-PEX
Working Temperature	-40 $^{\circ}$ C to +85 $^{\circ}$ C
Radome Color	Black

4 Overall Performance

KEYSIGHT VNA Network Analyzer E5071C 100 kHz – 8.5 GHz

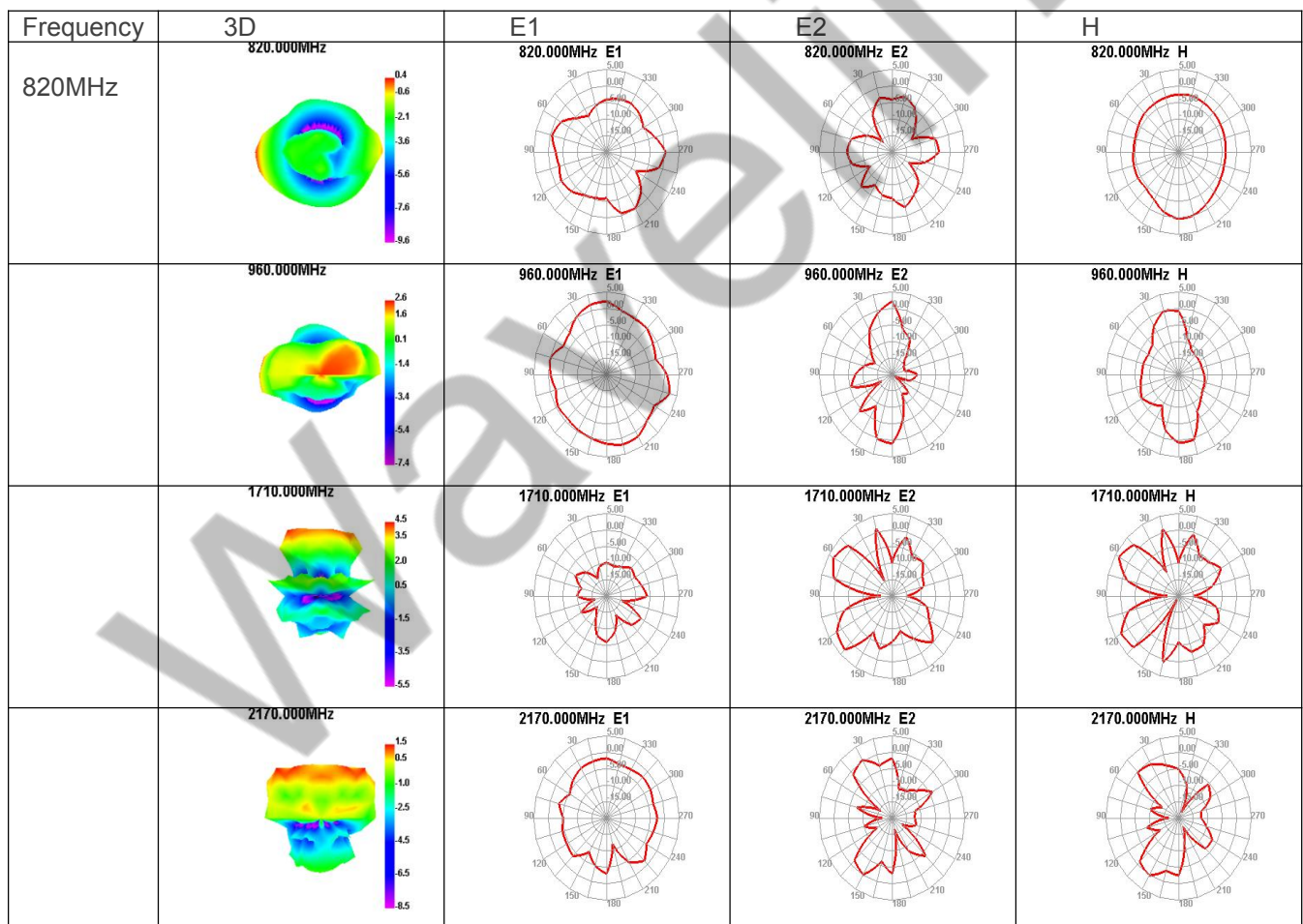




Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Directivit y (dBi)	AttH (dB)	AttV (dB)
820	31.87	-4.97	0.41	-1.74	0.41	-15.7	4.97	38.16	37.9
830	35.66	-4.48	0.81	-1.34	0.81	-14.79	4.48	38.49	38.22
840	35.35	-4.52	0.69	-1.46	0.69	-14.96	4.52	38.52	38.25
850	38.56	-4.14	0.92	-1.23	0.92	-14.97	4.14	38.8	38.54
860	41.1	-3.86	1.16	-0.99	1.16	-18.49	3.86	39.07	38.78

870	41.39	-3.83	1.24	-0.91	1.24	-22.01	3.83	39.12	38.77
880	43.55	-3.61	1.92	-0.23	1.92	-21.61	3.61	39.36	38.96
890	44.9	-3.48	2.56	0.41	2.56	-23.07	3.48	39.65	39.24
900	47.5	-3.23	3.25	1.1	3.25	-19.63	3.23	39.83	39.42
910	49.02	-3.1	3.79	1.64	3.79	-17.72	3.1	40.07	39.66
920	49.28	-3.07	4.12	1.97	4.12	-18.52	3.07	40.27	39.84
930	43.76	-3.59	3.8	1.65	3.8	-21.52	3.59	40.25	39.72
940	40.98	-3.87	3.52	1.37	3.52	-24.6	3.87	40.32	39.64
950	37.68	-4.24	2.99	0.84	2.99	-26.02	4.24	40.43	39.66
960	33.07	-4.81	2.65	0.5	2.65	-25.17	4.81	40.19	39.43
1700	62.88	-2.02	4.7	2.55	4.7	-21.46	2.02	42.91	42.83
1710	59.63	-2.25	4.46	2.31	4.46	-18.73	2.25	42.93	42.83
1720	48.87	-3.11	3.56	1.41	3.56	-26.67	3.11	42.39	42.21
1730	49.45	-3.06	3.53	1.38	3.53	-21.14	3.06	42.54	42.32
1740	48.95	-3.1	3.36	1.21	3.36	-23.88	3.1	43.04	42.83
1750	54.45	-2.64	3.67	1.52	3.67	-23.73	2.64	43.34	43.13
1760	55.54	-2.55	3.51	1.36	3.51	-20.99	2.55	43.47	43.24
1770	52.86	-2.77	2.92	0.77	2.92	-18.68	2.77	43.46	43.23
1780	50.48	-2.97	2.33	0.18	2.33	-20.96	2.97	43.43	43.19
1790	49.23	-3.08	2.31	0.16	2.31	-23.35	3.08	43.24	42.93
1800	48	-3.19	2.34	0.19	2.34	-25.67	3.19	43.22	42.83
1810	48.35	-3.16	2.54	0.39	2.54	-23.64	3.16	43.51	43.1
1820	55.02	-2.59	3.05	0.9	3.05	-20.24	2.59	43.48	43.11
1830	53.92	-2.68	3.1	0.95	3.1	-18.55	2.68	43.51	43.14
1840	53.44	-2.72	3.31	1.16	3.31	-18.47	2.72	43.51	43.17
1850	60.37	-2.19	4.03	1.88	4.03	-20.26	2.19	43.63	43.35
1860	60.6	-2.18	4.15	2	4.15	-21.03	2.18	43.69	43.39
1870	61.79	-2.09	4.24	2.09	4.24	-22.4	2.09	43.56	43.27
1880	64.81	-1.88	4.44	2.29	4.44	-21.07	1.88	43.65	43.38
1890	63.63	-1.96	4.37	2.22	4.37	-20.12	1.96	43.67	43.34
1900	64.33	-1.92	4.49	2.34	4.49	-21.06	1.92	43.64	43.41
1910	63.54	-1.97	4.55	2.4	4.55	-22.49	1.97	43.69	43.44
1920	61.83	-2.09	4.42	2.27	4.42	-21.12	2.09	43.79	43.57
1930	57.77	-2.38	4.09	1.94	4.09	-21.34	2.38	43.89	43.65
1940	56.8	-2.46	4.22	2.07	4.22	-20.44	2.46	43.87	43.66
1950	48.64	-3.13	3.74	1.59	3.74	-19.97	3.13	43.95	43.7
1960	42.21	-3.75	3.32	1.17	3.32	-19.13	3.75	43.94	43.69
1970	43.93	-3.57	3.61	1.46	3.61	-17.46	3.57	44.09	43.96
1980	36.3	-4.4	2.72	0.57	2.72	-17.16	4.4	44.17	43.95
1990	36.78	-4.34	2.57	0.42	2.57	-17.25	4.34	44.2	44.06
2000	36.66	-4.36	2.18	0.03	2.18	-19.28	4.36	44.57	44.42
2010	32.65	-4.86	1.23	-0.92	1.23	-21.4	4.86	44.69	44.52
2020	33.13	-4.8	1.51	-0.64	1.51	-27.95	4.8	44.86	44.78
2030	33.61	-4.73	1.85	-0.3	1.85	-31.13	4.73	45.04	44.98

2040	33.46	-4.75	1.99	-0.16	1.99	-23.17	4.75	45.12	45.07
2050	30.53	-5.15	1.6	-0.55	1.6	-25.75	5.15	45.01	44.95
2060	33.89	-4.7	1.95	-0.2	1.95	-23.99	4.7	45.26	45.2
2070	30.76	-5.12	1.35	-0.8	1.35	-24.17	5.12	45.22	45.06
2080	31.89	-4.96	1.28	-0.87	1.28	-23.91	4.96	45.28	45.12
2090	34.72	-4.59	1.44	-0.71	1.44	-25.08	4.59	45.5	45.36
2100	38.75	-4.12	1.76	-0.39	1.76	-29.2	4.12	45.71	45.51
2110	29.57	-5.29	0.51	-1.64	0.51	-29.56	5.29	44.31	44.12
2120	28.92	-5.39	0.34	-1.81	0.34	-29.03	5.39	44.53	44.39
2130	32.88	-4.83	0.8	-1.35	0.8	-27.92	4.83	44.47	44.28
2140	32.15	-4.93	0.5	-1.65	0.5	-26.78	4.93	44.41	44.26
2150	34.62	-4.61	0.89	-1.26	0.89	-24.94	4.61	44.38	44.31
2160	37.36	-4.28	1.49	-0.66	1.49	-24.62	4.28	44.5	44.39
2170	36.37	-4.39	1.54	-0.61	1.54	-25.15	4.39	44.74	44.7



5 Product Size

