

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

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

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

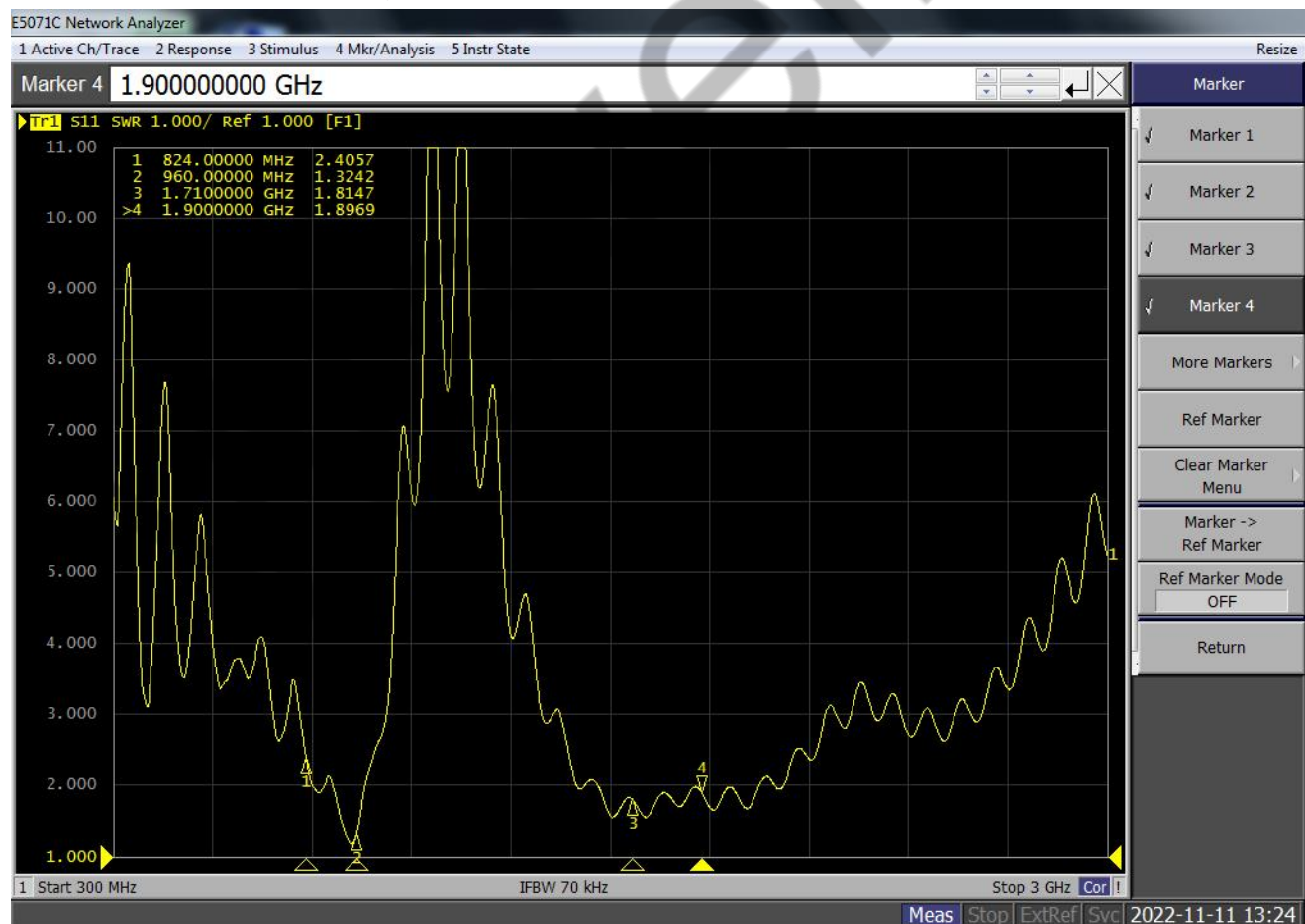
VSWR	≤ 3
Gain	≤ 1 dBi
Polarization Type	Linear

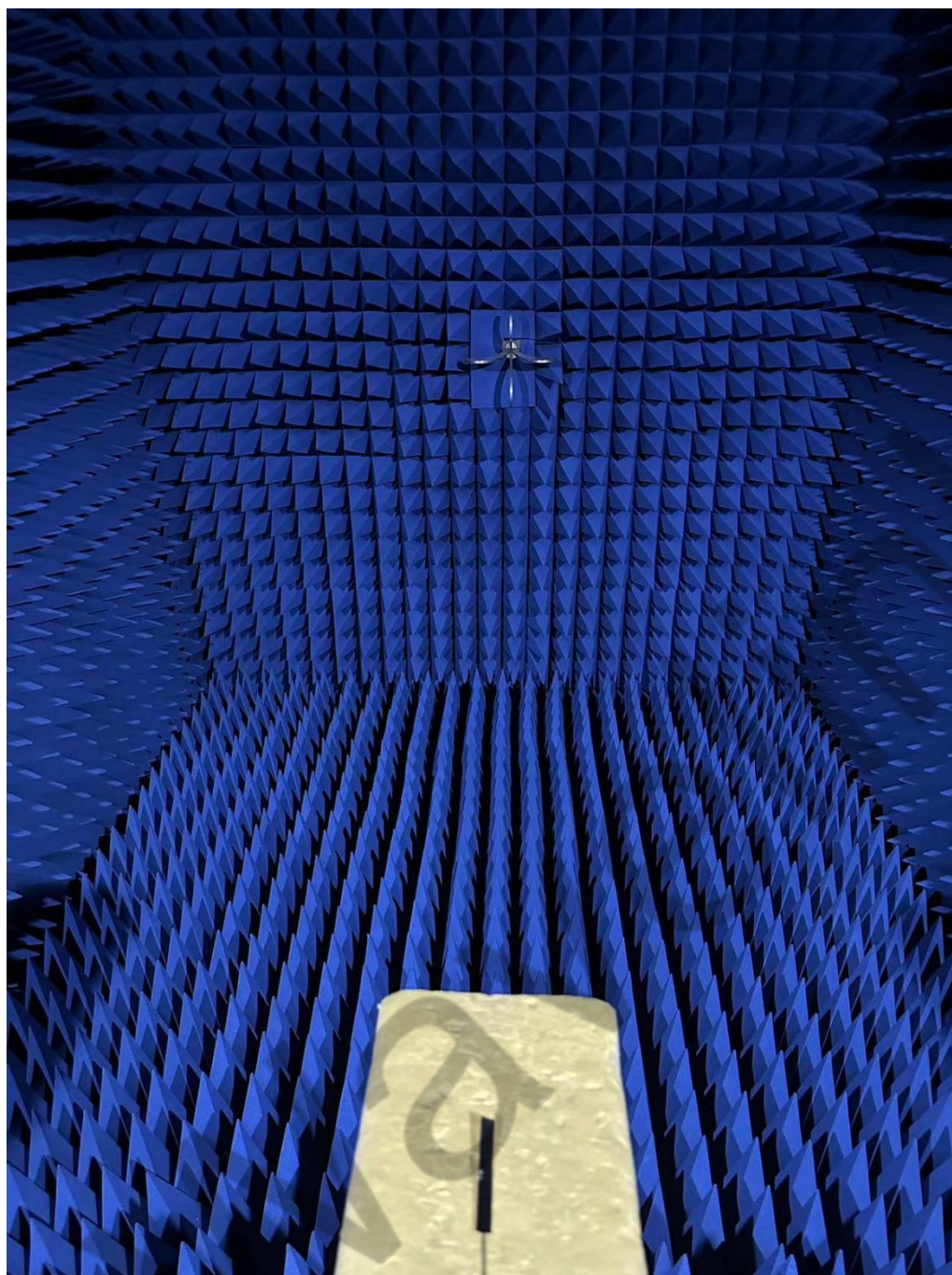
Mechanical Specifications

Antenna Size	60mm × 8mm
Casing	FPC
Connector Type	I-PEX
Working Temperature	-40 °C to +85 °C
Radome Color	Black

4 Overall Performance

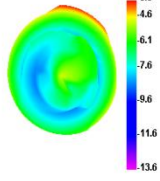
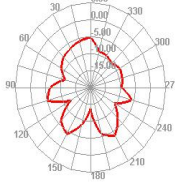
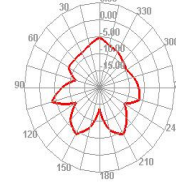
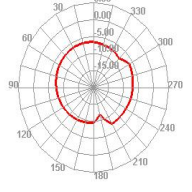
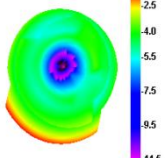
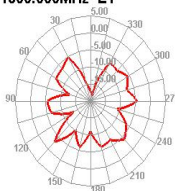
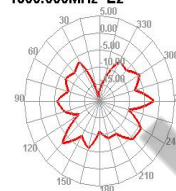
KEYSIGHT VNA Network Analyzer E5071C 100 kHz – 8.5 GHz





Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Directivity (dBi)	AttH (dB)	AttV (dB)
900	17.8	-7.5	-3.63	-5.78	-3.63	-16.38	7.5	38.89	38.48
905	23.1	-6.36	-2.39	-4.54	-2.39	-17.73	6.36	40.02	39.61
910	17.38	-7.6	-3.47	-5.62	-3.47	-22.67	7.6	38.79	38.38
915	25.14	-6	-1.65	-3.8	-1.65	-27.27	6	40.12	39.71

920	22.37	-6.5	-1.83	-3.98	-1.83	-25.42	6.5	39.52	39.09
925	24.84	-6.05	-1.15	-3.3	-1.15	-19.99	6.05	40.25	39.78
930	27.56	-5.6	-0.53	-2.68	-0.53	-16.26	5.6	40.86	40.33
935	24.44	-6.12	-0.82	-2.97	-0.82	-15.01	6.12	40.35	39.75
940	32.21	-4.92	0.54	-1.61	0.54	-13.78	4.92	41.74	41.06
945	22.4	-6.5	-0.97	-3.12	-0.97	-15.51	6.5	40.35	39.62
950	28.99	-5.38	0.22	-1.93	0.22	-14.93	5.38	41.57	40.8
955	20.7	-6.84	-1.21	-3.36	-1.21	-16.56	6.84	40.3	39.52
960	22.25	-6.53	-0.85	-3	-0.85	-16.56	6.53	40.58	39.82
1710	20.42	-6.9	-1.34	-3.49	-1.34	-21.52	6.9	42.38	42.28
1720	23.59	-6.27	-1.24	-3.39	-1.24	-19.28	6.27	42.63	42.45
1730	20.76	-6.83	-1.68	-3.83	-1.68	-20.4	6.83	42.47	42.25
1740	22.77	-6.43	-1.44	-3.59	-1.44	-21.07	6.43	42.37	42.16
1750	20.52	-6.88	-2.03	-4.18	-2.03	-22.66	6.88	42.4	42.19
1760	21.59	-6.66	-1.56	-3.71	-1.56	-22.61	6.66	42.68	42.45
1770	20.64	-6.85	-1.53	-3.68	-1.53	-23.76	6.85	42.45	42.22
1780	20.66	-6.85	-1.64	-3.79	-1.64	-23.29	6.85	42.31	42.07
1790	20.52	-6.88	-1.68	-3.83	-1.68	-21.76	6.88	42.28	41.97
1800	22.58	-6.46	-1.52	-3.67	-1.52	-19.79	6.46	42.54	42.15
1810	24.83	-6.05	-1.47	-3.62	-1.47	-19.49	6.05	42.55	42.14
1820	21.5	-6.68	-2.51	-4.66	-2.51	-20.89	6.68	42.37	42
1830	25.5	-5.94	-1.88	-4.03	-1.88	-21.23	5.94	42.75	42.38
1840	28.05	-5.52	-2.16	-4.31	-2.16	-21.36	5.52	43.03	42.69
1850	29.61	-5.29	-1.75	-3.9	-1.75	-21.44	5.29	43.26	42.98
1860	32.37	-4.9	-1.52	-3.67	-1.52	-21.51	4.9	43.28	42.98
1870	32.17	-4.92	-1.57	-3.72	-1.57	-22.72	4.92	43.15	42.86
1880	34.88	-4.57	-0.85	-3	-0.85	-24.33	4.57	43.21	42.94
1890	40.77	-3.9	-0.19	-2.34	-0.19	-25.27	3.9	43.39	43.06
1900	41.57	-3.81	0.29	-1.86	0.29	-24.35	3.81	43.49	43.26

Frequency	3D	E1	E2	H
900MHz	900.000MHz 	900.000MHz E1 	900.000MHz E2 	900.000MHz H 
1800MHz	1800.000MHz 	1800.000MHz E1 	1800.000MHz E2 	1800.000MHz H 