

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 4G LTE bands and is compatible with 3G/2G bands.

2 Product Features

Easy to install
High efficiency
Removable



3 Product Specifications

Passive Electrical Specifications

Frequency Range	698-960 MHz 1710-2690MHz
Input Impedance	50 Ω
VSWR	≤ 3

Gain ≤ 5 dBi

Polarization Type Linear

Mechanical Specifications

Antenna Size 80mm × 21mm

Casing FPC

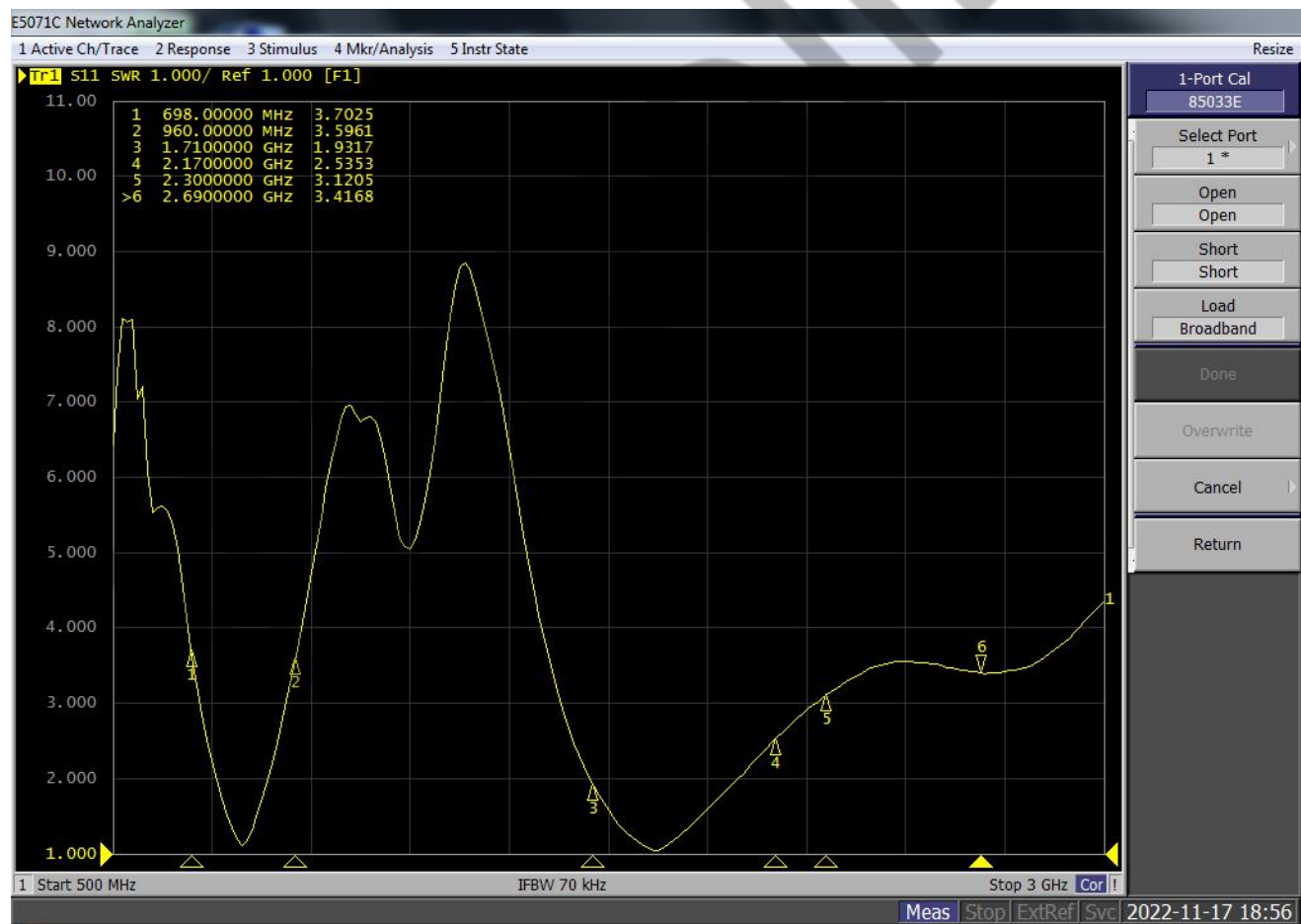
Connector Type I-PEX

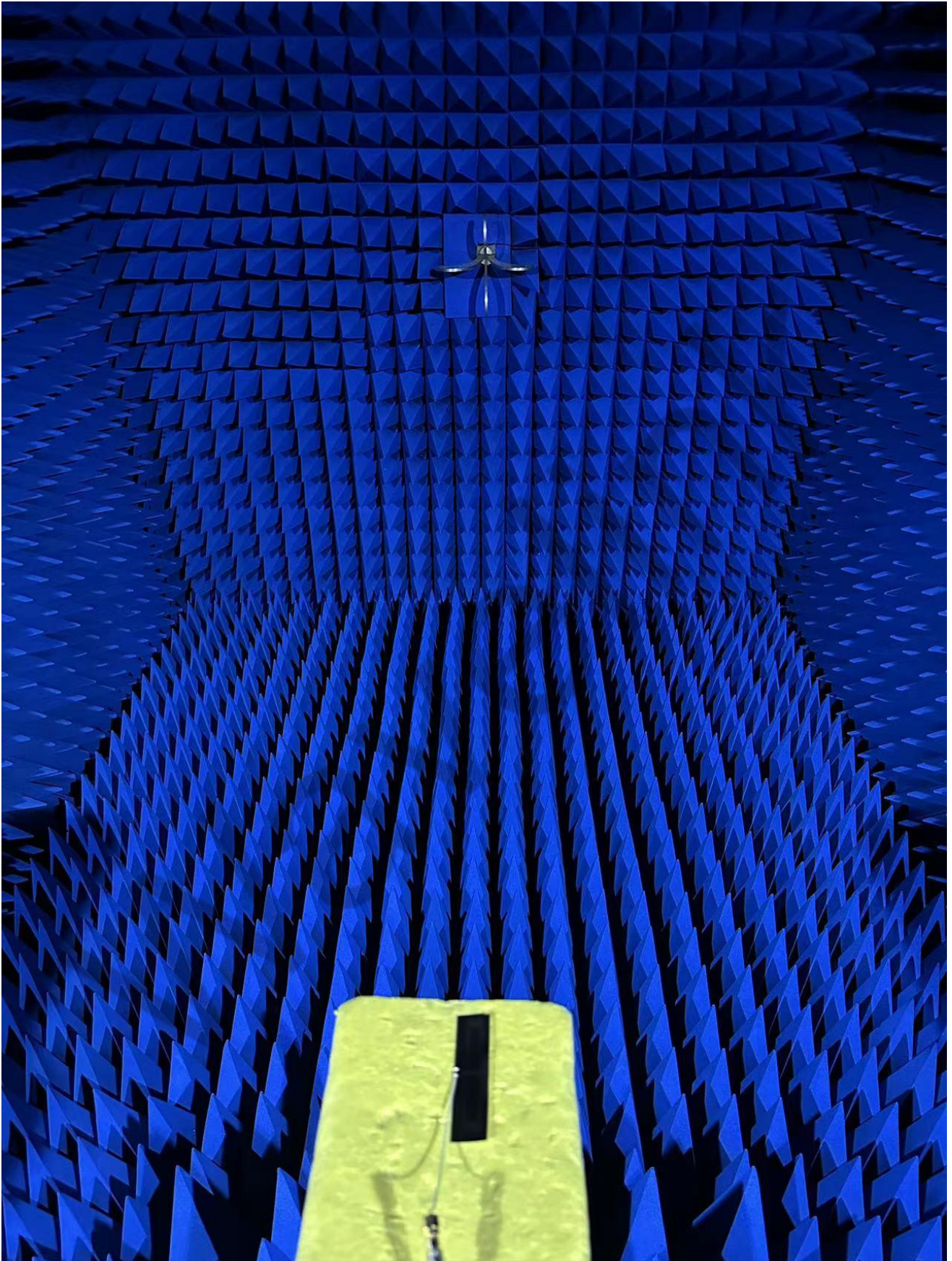
Working Temperature -40°C to $+85^{\circ}\text{C}$

Radome Color Black

4 Overall Performance

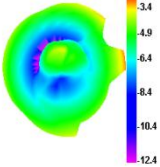
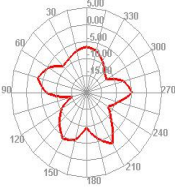
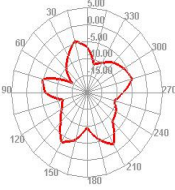
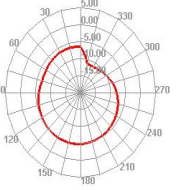
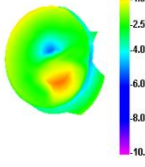
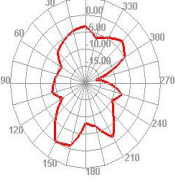
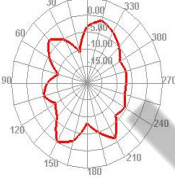
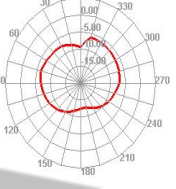
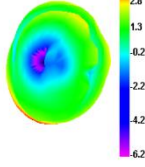
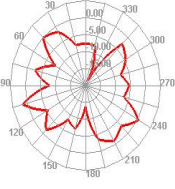
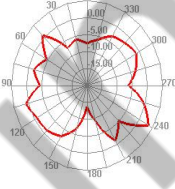
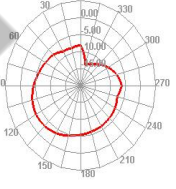
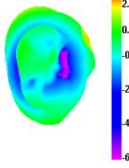
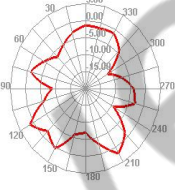
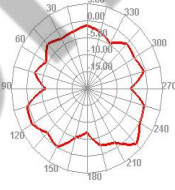
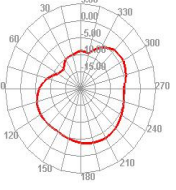
KEYSIGHT VNA Network Analyzer E5071C 100 kHz – 8.5 GHz





Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Directivity (dBi)	AttH (dB)	AttV (dB)
690	8.66	-10.63	-4.18	-6.33	-4.18	-25.17	10.63	38.69	38.31
700	13.23	-8.78	-2.21	-4.36	-2.21	-21.72	8.78	39.87	39.55
710	10.87	-9.64	-3.15	-5.3	-3.15	-21.2	9.64	37.59	37.34
720	11.41	-9.43	-3.15	-5.3	-3.15	-20.96	9.43	36.76	36.6
730	12.61	-8.99	-2.83	-4.98	-2.83	-24.03	8.99	36.99	36.86
740	9.02	-10.45	-4.49	-6.64	-4.49	-27.33	10.45	35.67	35.55
750	8.27	-10.82	-4.98	-7.13	-4.98	-26.04	10.82	35.26	35.15
760	8.76	-10.58	-4.89	-7.04	-4.89	-23.28	10.58	35.66	35.54
770	13.1	-8.83	-3.16	-5.31	-3.16	-23.15	8.83	37.25	37.11
780	13.91	-8.57	-3.14	-5.29	-3.14	-23.66	8.57	36.99	36.83
790	10.6	-9.75	-4.43	-6.58	-4.43	-24.14	9.75	35.48	35.31
800	11.87	-9.26	-4.06	-6.21	-4.06	-22.12	9.26	35.56	35.35
810	12.46	-9.04	-3.92	-6.07	-3.92	-20.68	9.04	35.63	35.4
820	19	-7.21	-2.44	-4.59	-2.44	-18.12	7.21	37.46	37.2
830	18.03	-7.44	-3.26	-5.41	-3.26	-16.98	7.44	37.8	37.53
840	15.83	-8.01	-3.5	-5.65	-3.5	-15.69	8.01	37.25	36.98
850	12.93	-8.89	-4.31	-6.46	-4.31	-16.85	8.89	36.38	36.12
860	13.36	-8.74	-4.35	-6.5	-4.35	-17.33	8.74	36.59	36.3
870	17.01	-7.69	-3.37	-5.52	-3.37	-17.16	7.69	37.34	36.99
880	24.99	-6.02	-1.51	-3.66	-1.51	-16.58	6.02	38.94	38.54
890	25.69	-5.9	-1.16	-3.31	-1.16	-18.33	5.9	39.19	38.78
900	23.17	-6.35	-1.69	-3.84	-1.69	-18.86	6.35	38.89	38.48
910	21.33	-6.71	-2.04	-4.19	-2.04	-17.92	6.71	38.79	38.38
920	24.75	-6.06	-1.23	-3.38	-1.23	-16.36	6.06	39.52	39.09
930	31.72	-4.99	0.73	-1.42	0.73	-13.92	4.99	40.86	40.33
940	37.41	-4.27	1.82	-0.33	1.82	-15.43	4.27	41.74	41.06
950	34	-4.68	1.29	-0.86	1.29	-20.08	4.68	41.57	40.8
960	26.9	-5.7	0.03	-2.12	0.03	-21.51	5.7	40.58	39.82
1700	27.85	-5.55	-0.14	-2.29	-0.14	-18.07	5.55	41.47	41.39
1720	33.1	-4.8	0.24	-1.91	0.24	-22.01	4.8	42.63	42.45
1740	31.38	-5.03	0.15	-2	0.15	-27.81	5.03	42.37	42.16
1760	30.99	-5.09	0.49	-1.66	0.49	-27.32	5.09	42.68	42.45
1780	28.92	-5.39	0.21	-1.94	0.21	-22.36	5.39	42.31	42.07
1800	31.94	-4.96	0.71	-1.44	0.71	-22.3	4.96	42.54	42.15
1820	32.38	-4.9	1.36	-0.79	1.36	-19.21	4.9	42.37	42
1840	42.68	-3.7	2.85	0.7	2.85	-17.14	3.7	43.03	42.69
1860	48.75	-3.12	3.44	1.29	3.44	-16.87	3.12	43.28	42.98
1880	50.14	-3	3.38	1.23	3.38	-15.8	3	43.21	42.94
1900	56.08	-2.51	3.76	1.61	3.76	-18.66	2.51	43.49	43.26
1920	53.82	-2.69	3.52	1.37	3.52	-18.95	2.69	43.43	43.21
1940	51.1	-2.92	3.13	0.98	3.13	-24.21	2.92	43.52	43.31

1960	50.4	-2.98	3.33	1.18	3.33	-17.78	2.98	44.2	43.95
1980	43.61	-3.6	3.13	0.98	3.13	-17.37	3.6	43.74	43.52
2000	49.8	-3.03	3.97	1.82	3.97	-17.07	3.03	44.38	44.23
2020	48.87	-3.11	3.97	1.82	3.97	-18.54	3.11	44.51	44.43
2040	46.21	-3.35	3.63	1.48	3.63	-20.87	3.35	44.5	44.45
2060	38.17	-4.18	2.63	0.48	2.63	-22.07	4.18	43.85	43.79
2080	38.94	-4.1	2.44	0.29	2.44	-21.33	4.1	44.13	43.97
2100	39.88	-3.99	2.13	-0.02	2.13	-30.06	3.99	44.42	44.22
2120	42.79	-3.69	2.27	0.12	2.27	-19.43	3.69	45.21	45.07
2140	41.56	-3.81	2.22	0.07	2.22	-17.3	3.81	45.17	45.02
2160	44.04	-3.56	2.45	0.3	2.45	-14.13	3.56	45.42	45.31
2180	47.88	-3.2	2.69	0.54	2.69	-15.18	3.2	45.89	45.87
2200	37.78	-4.23	1.61	-0.54	1.61	-17.05	4.23	45.54	45.46
2220	37.51	-4.26	1.79	-0.36	1.79	-20.62	4.26	45.89	45.83
2240	31.41	-5.03	1.35	-0.8	1.35	-19.52	5.03	45.58	45.54
2260	33.36	-4.77	1.81	-0.34	1.81	-17.19	4.77	45.88	45.83
2280	34.8	-4.58	2.22	0.07	2.22	-19.38	4.58	46.04	46.03
2300	27.98	-5.53	1.58	-0.57	1.58	-22.46	5.53	45.55	45.57
2320	30.64	-5.14	1.86	-0.29	1.86	-21.04	5.14	45.99	45.93
2340	30.66	-5.13	1.48	-0.67	1.48	-18.06	5.13	45.77	45.68
2360	33.45	-4.76	1.51	-0.64	1.51	-15.72	4.76	45.81	45.75
2380	33.8	-4.71	0.99	-1.16	0.99	-17.46	4.71	45.6	45.48
2400	36.18	-4.42	0.59	-1.56	0.59	-14.11	4.42	45.87	45.75
2420	38.48	-4.15	0.62	-1.53	0.62	-15.18	4.15	46.26	46.25
2440	48.37	-3.15	1.8	-0.35	1.8	-14.78	3.15	46.84	46.78
2460	50.05	-3.01	2.08	-0.07	2.08	-13.67	3.01	46.97	46.88
2480	55.66	-2.54	2.69	0.54	2.69	-11.46	2.54	47.4	47.28
2500	57.93	-2.37	3.1	0.95	3.1	-12.18	2.37	47.31	47.13
2520	64.74	-1.89	3.87	1.72	3.87	-14.05	1.89	47.54	47.41
2540	76.68	-1.15	4.83	2.68	4.83	-14.96	1.15	48.18	48.16
2560	75.33	-1.23	4.86	2.71	4.86	-20.63	1.23	47.86	47.8
2580	84.29	-0.74	5.19	3.04	5.19	-21.47	0.74	48.72	48.57
2600	76.34	-1.17	4.68	2.53	4.68	-18.4	1.17	48.52	48.43
2620	65.41	-1.84	4.18	2.03	4.18	-16.48	1.84	47.88	47.79
2640	59.81	-2.23	3.66	1.51	3.66	-13.25	2.23	47.74	47.6
2660	62.96	-2.01	3.75	1.6	3.75	-17.78	2.01	47.86	47.74
2680	62.26	-2.06	3.82	1.67	3.82	-21.62	2.06	47.95	47.84
2700	63.42	-1.98	3.74	1.59	3.74	-16.76	1.98	48.31	48.19

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 
1900MHz	1900.000MHz 	1900.000MHz E1 	1900.000MHz E2 	1900.000MHz H 
2500MHz	2500.000MHz 	2500.000MHz E1 	2500.000MHz E2 	2500.000MHz H 

5 Product Size

