

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	10

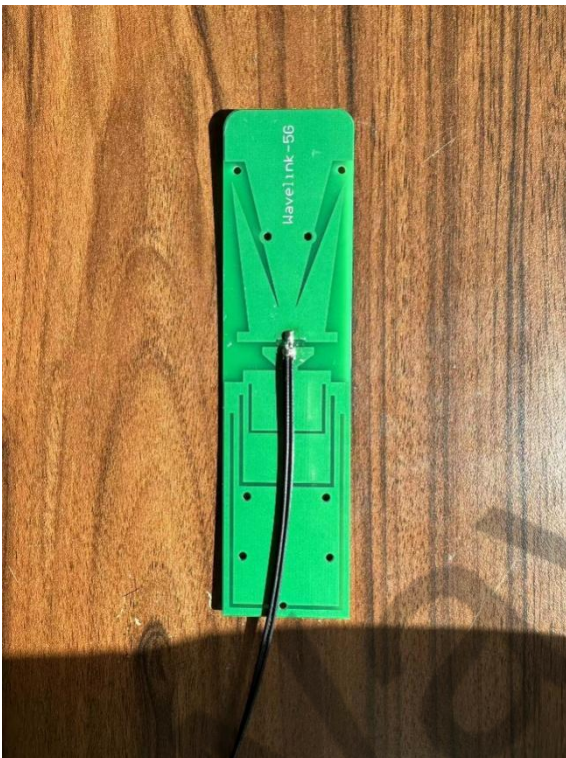
Wavelink

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

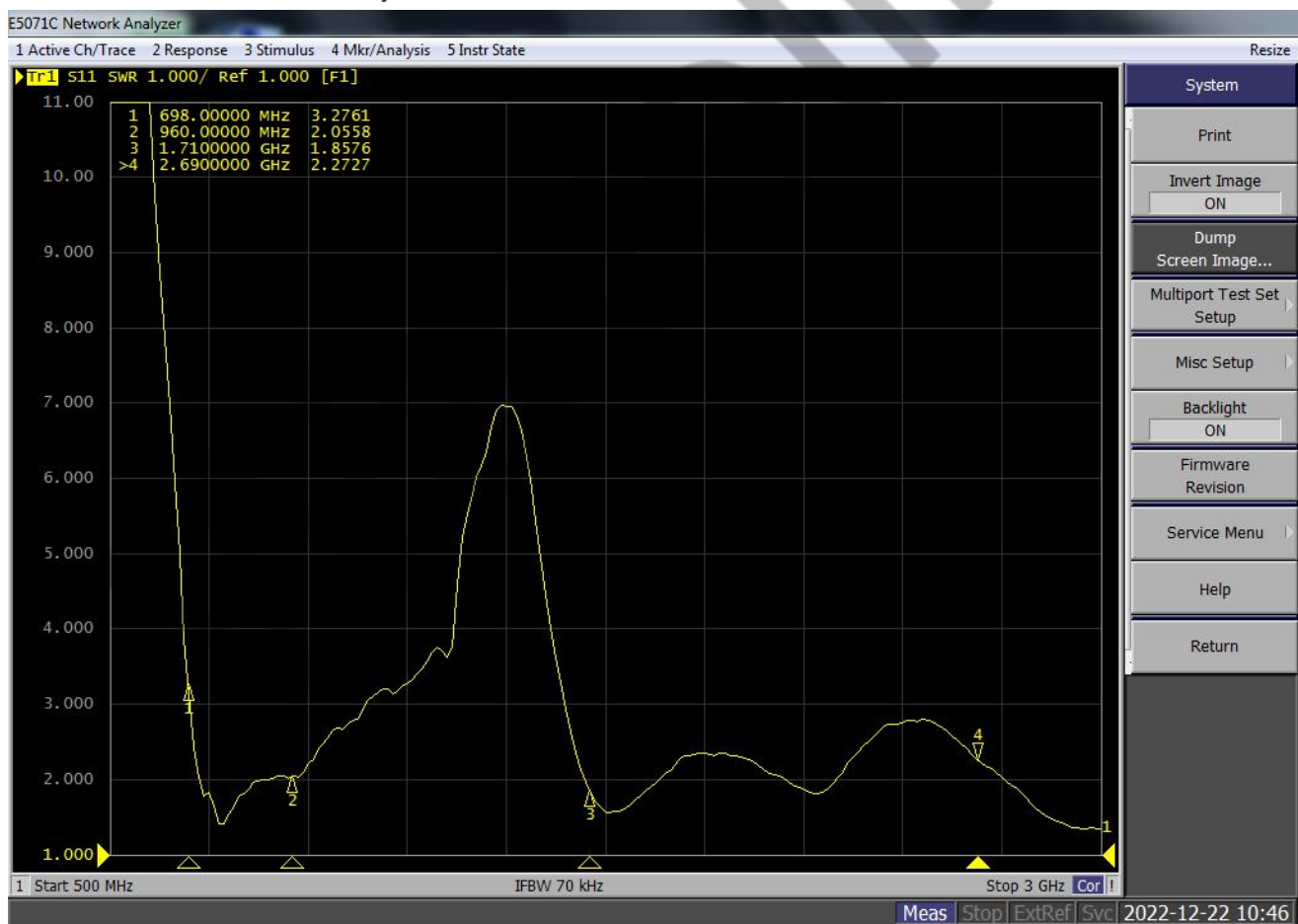
VSWR	≤ 4
Gain	≤ 3 dBi
Polarization Type	Linear

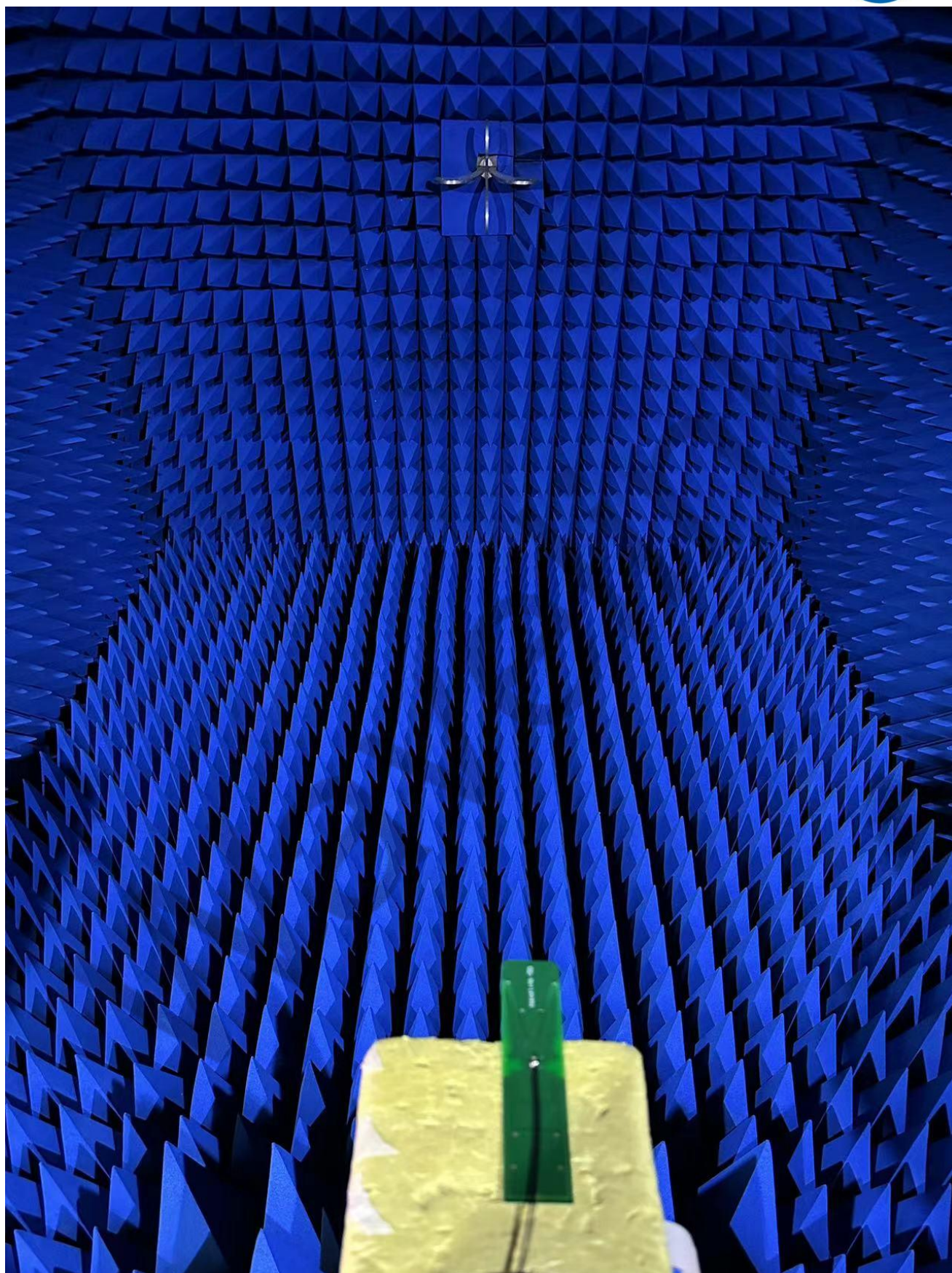
Mechanical Specifications

Antenna Size	136mm × 32mm
Casing	PCB
Connector Type	I-PEX/SMA
Working Temperature	-40 °C to +85 °C

4 Overall Performance

KEYSIGHT VNA Network Analyzer E5071C 100 kHz – 8.5 GHz

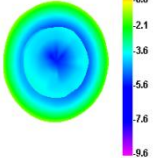
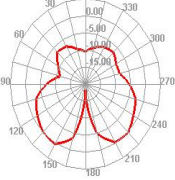
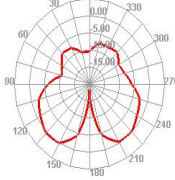
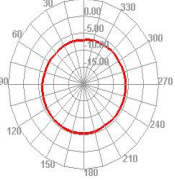
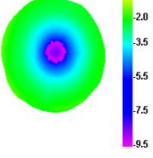
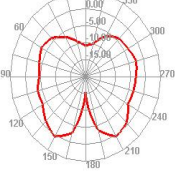
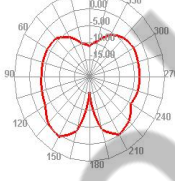
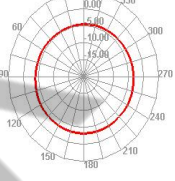
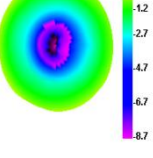
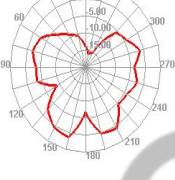
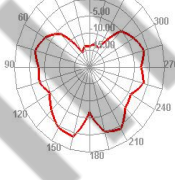
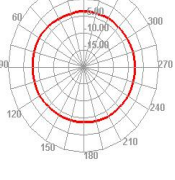
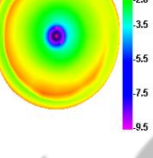
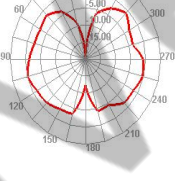
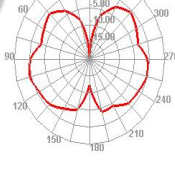
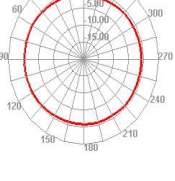




Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Directivity (dBi)	AttH (dB)	AttV (dB)
690	30.24	-5.19	-0.38	-2.53	-0.38	-22.35	4.81	41.36	41.51
700	28.77	-5.41	-0.25	-2.4	-0.25	-22.23	5.16	41.5	41.86
710	11.93	-9.23	-3.84	-5.99	-3.84	-25.44	5.4	37.98	38.41
720	8.98	-10.47	-5.87	-8.02	-5.87	-25.25	4.6	36.9	37.51
730	17.56	-7.55	-5.89	-8.04	-5.89	-23.35	1.66	37.24	37.77
740	33.89	-4.7	-3.05	-5.2	-3.05	-21.21	1.65	36.45	36.95
750	32.72	-4.85	-2.36	-4.51	-2.36	-22.25	2.49	36.08	36.51
760	32.01	-4.95	-1.74	-3.89	-1.74	-23.12	3.21	36.55	36.95
770	40.68	-3.91	-0.31	-2.46	-0.31	-21.58	3.59	38.08	38.5
780	34.67	-4.6	-0.91	-3.06	-0.91	-22.09	3.69	37.72	38.11
790	25.75	-5.89	-2.03	-4.18	-2.03	-23.93	3.86	36.44	36.83
800	26.25	-5.81	-1.81	-3.96	-1.81	-23.29	4	36.74	36.99
810	29.35	-5.32	-1.19	-3.34	-1.19	-21.12	4.13	37.18	37.35
820	40.88	-3.88	0.35	-1.8	0.35	-18.26	4.24	39.05	39.14
830	47.48	-3.23	1.03	-1.12	1.03	-15.37	4.26	39.64	39.65
840	39.55	-4.03	0.19	-1.96	0.19	-15.32	4.22	38.94	38.97
850	30.13	-5.21	-0.95	-3.1	-0.95	-15.34	4.26	38	38
860	32.31	-4.91	-0.57	-2.72	-0.57	-14.85	4.34	38.09	38.14
870	34.39	-4.64	-0.27	-2.42	-0.27	-14.55	4.36	38.67	38.68
880	42.3	-3.74	0.67	-1.48	0.67	-14.65	4.41	39.81	39.81
890	45.81	-3.39	1.12	-1.03	1.12	-14.9	4.51	40.06	40.05
900	38.15	-4.18	0.45	-1.7	0.45	-15.79	4.64	39.4	39.29
910	33.37	-4.77	-0.04	-2.19	-0.04	-15.41	4.72	38.82	38.71
920	36.96	-4.32	0.38	-1.77	0.38	-14.19	4.7	39.32	39.22
930	46.24	-3.35	1.2	-0.95	1.2	-13.19	4.55	40.47	40.33
940	55.41	-2.56	1.78	-0.37	1.78	-12.51	4.34	41.27	41.11
950	51.89	-2.85	1.16	-0.99	1.16	-13.89	4.01	41.21	40.93
960	47.78	-3.21	0.47	-1.68	0.47	-15.39	3.68	40.56	40.26
1700	43.76	-3.59	0.77	-1.38	0.77	-20.05	4.36	42.84	42.92
1710	50.31	-2.98	1.35	-0.8	1.35	-16.95	4.33	43.65	43.74
1720	53.77	-2.69	1.54	-0.61	1.54	-17.6	4.24	43.57	43.64
1730	49.87	-3.02	1.27	-0.88	1.27	-16.65	4.29	43.38	43.51
1740	54.98	-2.6	1.7	-0.45	1.7	-15.51	4.3	43.55	43.74
1750	53.32	-2.73	1.63	-0.52	1.63	-16.66	4.37	43.54	43.67
1760	55.9	-2.53	1.94	-0.21	1.94	-18.55	4.47	44.09	44.21
1770	56.65	-2.47	2.06	-0.09	2.06	-20.29	4.53	43.97	43.99
1780	51.87	-2.85	1.71	-0.44	1.71	-23.38	4.56	43.92	44
1790	53.86	-2.69	1.66	-0.49	1.66	-26.69	4.34	43.83	43.91
1800	54.07	-2.67	1.62	-0.53	1.62	-33.82	4.29	44.19	44.31
1810	54.83	-2.61	1.58	-0.57	1.58	-30.61	4.19	44.22	44.38
1820	49.71	-3.04	1.25	-0.9	1.25	-24.34	4.28	43.93	44.01

1830	51.48	-2.88	1.41	-0.74	1.41	-21.21	4.3	44.15	44.19
1840	55.28	-2.57	1.75	-0.4	1.75	-19.6	4.33	44.3	44.22
1850	55.15	-2.58	1.74	-0.41	1.74	-18.62	4.33	44.35	44.22
1860	51.04	-2.92	1.33	-0.82	1.33	-19.68	4.25	43.88	43.75
1870	49.21	-3.08	1.07	-1.08	1.07	-20.99	4.15	43.84	43.69
1880	47.94	-3.19	0.74	-1.41	0.74	-23.06	3.93	43.64	43.49
1890	48.47	-3.15	0.65	-1.5	0.65	-24.22	3.79	43.48	43.32
1900	47.07	-3.27	0.31	-1.84	0.31	-24.35	3.58	43.42	43.25
1910	46.74	-3.3	0.07	-2.08	0.07	-23.54	3.37	43.17	42.93
1920	43.66	-3.6	-0.39	-2.54	-0.39	-25.5	3.21	42.81	42.69
1930	42.21	-3.75	-0.48	-2.63	-0.48	-27.13	3.26	42.86	42.7
1940	43.47	-3.62	-0.3	-2.45	-0.3	-25.09	3.32	42.74	42.64
1950	45.79	-3.39	-0.11	-2.26	-0.11	-25.05	3.28	43.12	43.05
1960	49.36	-3.07	0.15	-2	0.15	-22.98	3.21	43.34	43.23
1970	43.56	-3.61	-0.31	-2.46	-0.31	-21.27	3.3	43.22	43.12
1980	41.89	-3.78	-0.43	-2.58	-0.43	-22.79	3.35	42.93	42.9
1990	43.92	-3.57	-0.24	-2.39	-0.24	-27.9	3.33	43.27	43.23
2000	45.75	-3.4	-0.13	-2.28	-0.13	-25.75	3.26	43.5	43.52
2010	47.87	-3.2	0.03	-2.12	0.03	-23.12	3.23	43.88	43.99
2020	45.06	-3.46	-0.24	-2.39	-0.24	-22.19	3.22	43.83	43.91
2030	45.74	-3.4	-0.07	-2.22	-0.07	-24.04	3.33	43.95	44.11
2040	44.98	-3.47	-0.08	-2.23	-0.08	-25.06	3.39	44.03	44.15
2050	40.34	-3.94	-0.56	-2.71	-0.56	-24.41	3.38	43.5	43.64
2060	39.87	-3.99	-0.67	-2.82	-0.67	-21.91	3.32	43.51	43.62
2070	39.27	-4.06	-0.78	-2.93	-0.78	-20.11	3.28	43.5	43.59
2080	43	-3.67	-0.5	-2.65	-0.5	-17.63	3.17	43.84	44.03
2090	46.72	-3.3	-0.25	-2.4	-0.25	-17.13	3.06	44.14	44.33
2100	45.11	-3.46	-0.6	-2.75	-0.6	-17.69	2.86	44.22	44.46
2110	60.94	-2.15	0.71	-1.44	0.71	-16.15	2.86	45.08	45.26
2120	55.67	-2.54	0.42	-1.73	0.42	-16.29	2.97	44.96	45.12
2130	55.7	-2.54	0.53	-1.62	0.53	-15.97	3.07	44.85	44.92
2140	57.97	-2.37	0.78	-1.37	0.78	-15.92	3.15	45	45.1
2150	57.71	-2.39	0.84	-1.31	0.84	-16.35	3.22	45.07	45.16
2160	57.19	-2.43	0.86	-1.29	0.86	-17.34	3.29	44.86	44.92
2170	61.27	-2.13	1.21	-0.94	1.21	-17.68	3.34	45.47	45.64
2180	58.58	-2.32	1.07	-1.08	1.07	-18.95	3.4	45.07	45.23
2190	55.64	-2.55	0.93	-1.22	0.93	-19.97	3.47	44.9	45.06
2200	56.39	-2.49	1.05	-1.1	1.05	-20.8	3.54	45.15	45.38
2210	69.21	-1.6	2.1	-0.05	2.1	-21.03	3.7	45.97	46.13
2220	67.59	-1.7	2.16	0.01	2.16	-21.7	3.86	45.83	46.01
2230	61.9	-2.08	1.89	-0.26	1.89	-22.8	3.97	45.66	45.9
2240	61.67	-2.1	1.91	-0.24	1.91	-22.45	4.01	45.54	45.65
2250	69.54	-1.58	2.46	0.31	2.46	-22.15	4.03	45.78	45.91
2260	69.5	-1.58	2.35	0.2	2.35	-23.21	3.93	45.81	45.89

2270	68.29	-1.66	2.02	-0.13	2.02	-23.08	3.67	45.7	45.75
2280	72.06	-1.42	1.79	-0.36	1.79	-23.3	3.21	45.79	45.88
2290	62.84	-2.02	0.69	-1.46	0.69	-23.84	2.7	45.55	45.68
2300	65.91	-1.81	0.51	-1.64	0.51	-23.03	2.32	45.52	45.64
2310	66.22	-1.79	0.36	-1.79	0.36	-21.9	2.15	45.65	45.74
2320	72.68	-1.39	0.67	-1.48	0.67	-19.26	2.06	46.35	46.49
2330	71.64	-1.45	0.53	-1.62	0.53	-18.27	1.98	46.21	46.27
2340	64.52	-1.9	0.18	-1.97	0.18	-17.68	2.08	46.04	46.17
2350	68.57	-1.64	0.76	-1.39	0.76	-17.84	2.4	46.29	46.36
2360	69.83	-1.56	1.04	-1.11	1.04	-17.82	2.6	46.11	46.29
2370	66.43	-1.78	0.89	-1.26	0.89	-18.59	2.67	46.25	46.4
2380	65.99	-1.81	0.94	-1.21	0.94	-18.55	2.74	46.06	46.2
2390	60.14	-2.21	0.53	-1.62	0.53	-19.53	2.73	46.03	46.29
2400	66.96	-1.74	0.96	-1.19	0.96	-19.42	2.7	46.33	46.47
2410	69.19	-1.6	1.07	-1.08	1.07	-20.02	2.67	46.51	46.7
2420	60.03	-2.22	0.45	-1.7	0.45	-20.12	2.67	46.33	46.5
2430	69.3	-1.59	1.06	-1.09	1.06	-19.49	2.65	46.7	46.83
2440	63.19	-1.99	0.68	-1.47	0.68	-18.58	2.68	46.75	46.79
2450	57.6	-2.4	0.39	-1.76	0.39	-18.43	2.79	46.2	46.36
2460	59.07	-2.29	0.57	-1.58	0.57	-17.18	2.86	46.66	46.73
2470	61.73	-2.1	0.76	-1.39	0.76	-16.6	2.86	46.55	46.66
2480	61.99	-2.08	0.74	-1.41	0.74	-15.47	2.82	46.99	47.17
2490	56.94	-2.45	0.29	-1.86	0.29	-15.83	2.74	46.73	46.8
2500	57.87	-2.38	0.4	-1.75	0.4	-15.19	2.78	46.67	46.84
2510	60.79	-2.16	0.73	-1.42	0.73	-15.4	2.89	47.1	47.17
2520	55.17	-2.58	0.43	-1.72	0.43	-15.38	3.01	46.45	46.58
2530	53.31	-2.73	0.34	-1.81	0.34	-15.68	3.07	46.55	46.59
2540	53.49	-2.72	0.3	-1.85	0.3	-14.75	3.01	46.89	46.95
2550	52.67	-2.78	0.22	-1.93	0.22	-15.12	3	46.45	46.51
2560	54.82	-2.61	0.34	-1.81	0.34	-16.15	2.95	46.89	46.94
2570	47.99	-3.19	-0.07	-2.22	-0.07	-17.07	3.12	46.66	46.7
2580	57.8	-2.38	0.79	-1.36	0.79	-16.55	3.17	47.17	47.23
2590	44.6	-3.51	-0.33	-2.48	-0.33	-20.64	3.17	46.61	46.66
2600	49.14	-3.09	0.22	-1.93	0.22	-23.94	3.31	46.66	46.73
2610	50.83	-2.94	0.51	-1.64	0.51	-24	3.45	46.94	47.05
2620	48.5	-3.14	0.39	-1.76	0.39	-27.03	3.53	46.68	46.72
2630	56.51	-2.48	0.94	-1.21	0.94	-25.15	3.42	47.29	47.32
2640	48.29	-3.16	0.03	-2.12	0.03	-21.05	3.19	46.75	46.82
2650	55.02	-2.59	0.74	-1.41	0.74	-17.04	3.34	47.2	47.31
2660	58.19	-2.35	1.08	-1.07	1.08	-17.43	3.43	47.38	47.42
2670	56.04	-2.51	0.82	-1.33	0.82	-18.67	3.34	47.05	47.24
2680	65.84	-1.82	1.36	-0.79	1.36	-17.82	3.18	47.93	48
2690	57.71	-2.39	0.61	-1.54	0.61	-17.81	3	47.15	47.3
2700	74.81	-1.26	1.94	-0.21	1.94	-15.53	3.2	48.52	48.74

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 
2300MHz	2300.000MHz 	2300.000MHz E1 	2300.000MHz E2 	2300.000MHz H 

5 Product Size

