

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

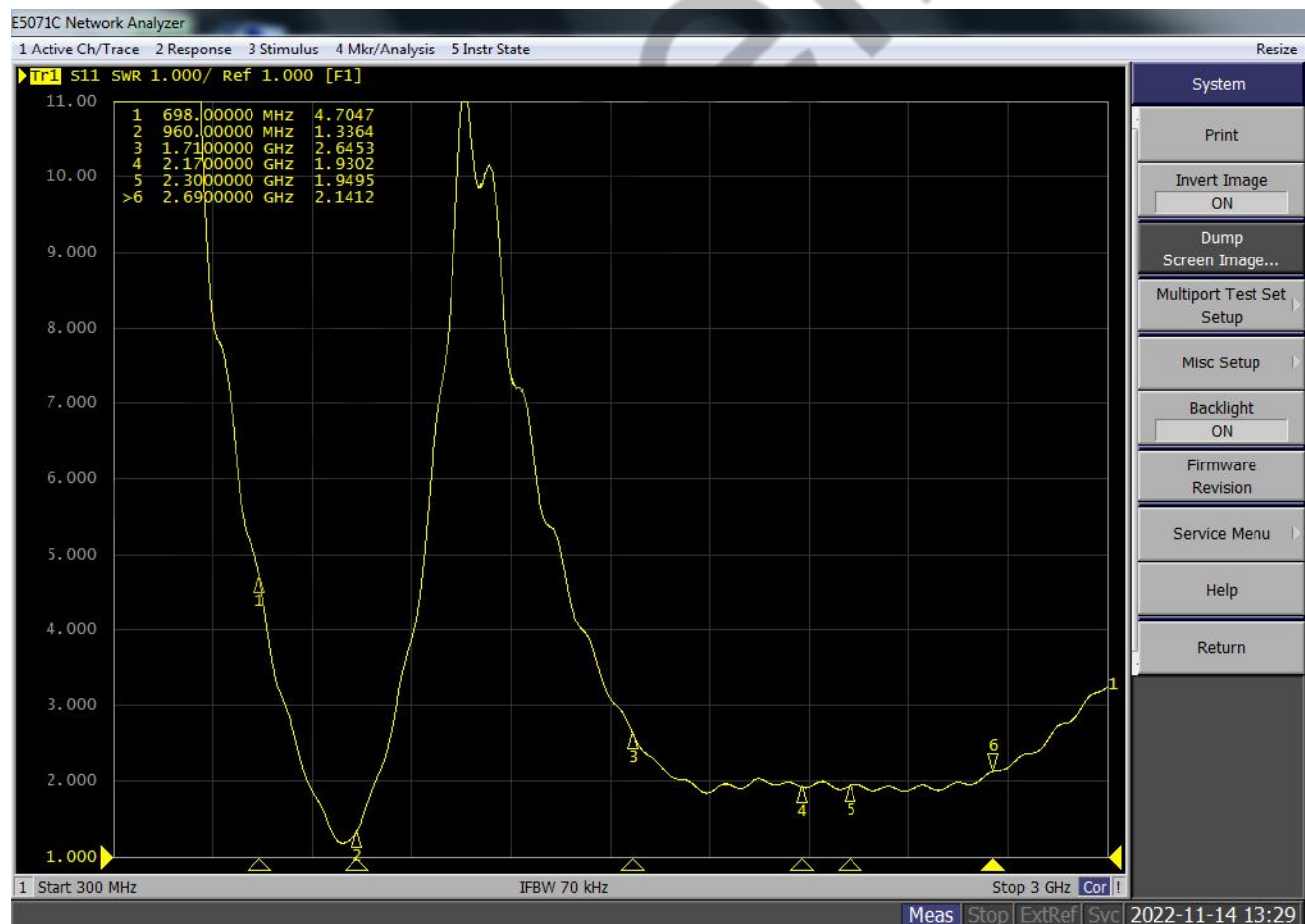
VSWR	≤ 3
Gain	≤ 4 dBi
Polarization Type	Linear

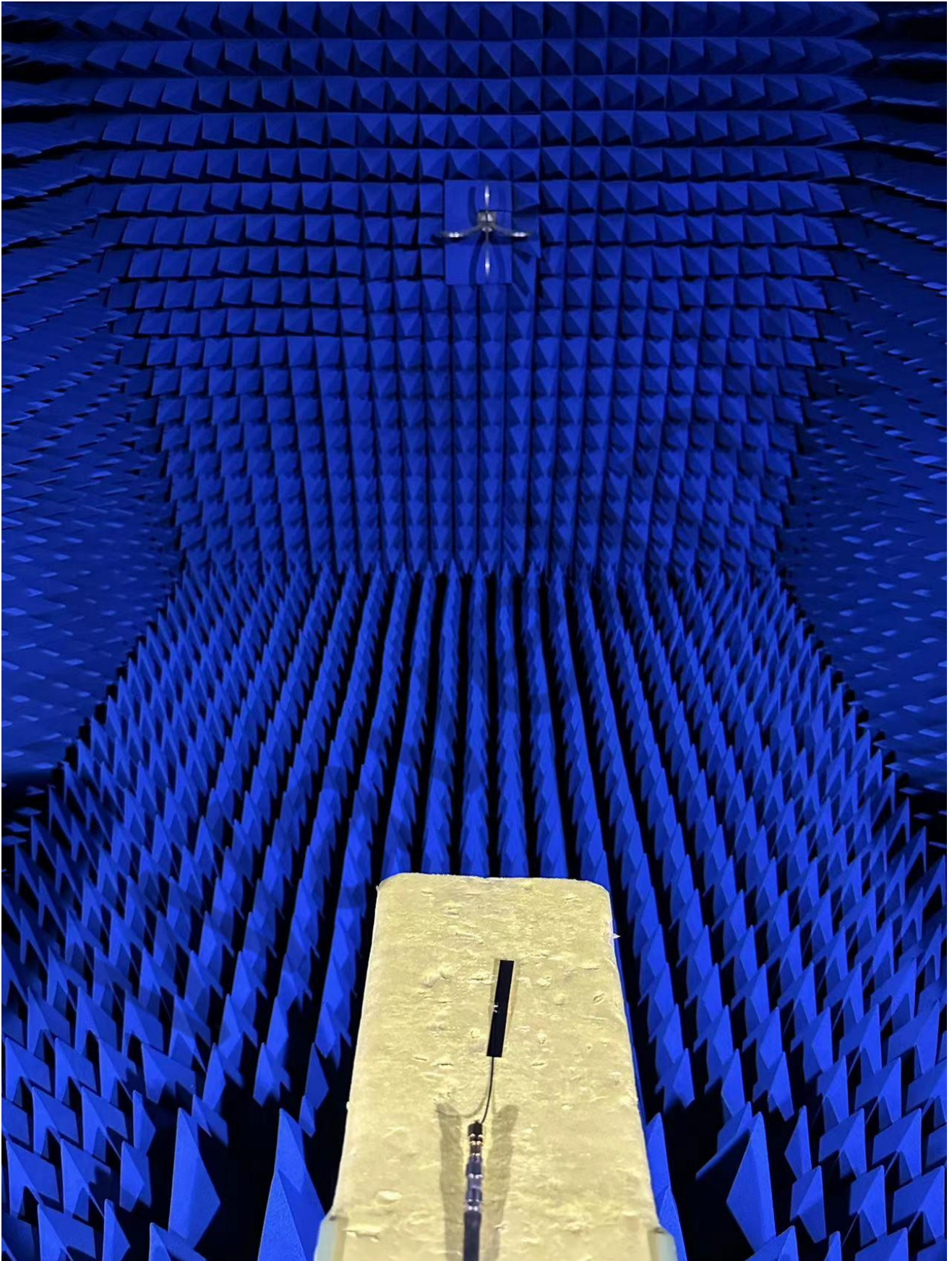
Mechanical Specifications

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

4 Overall Performance

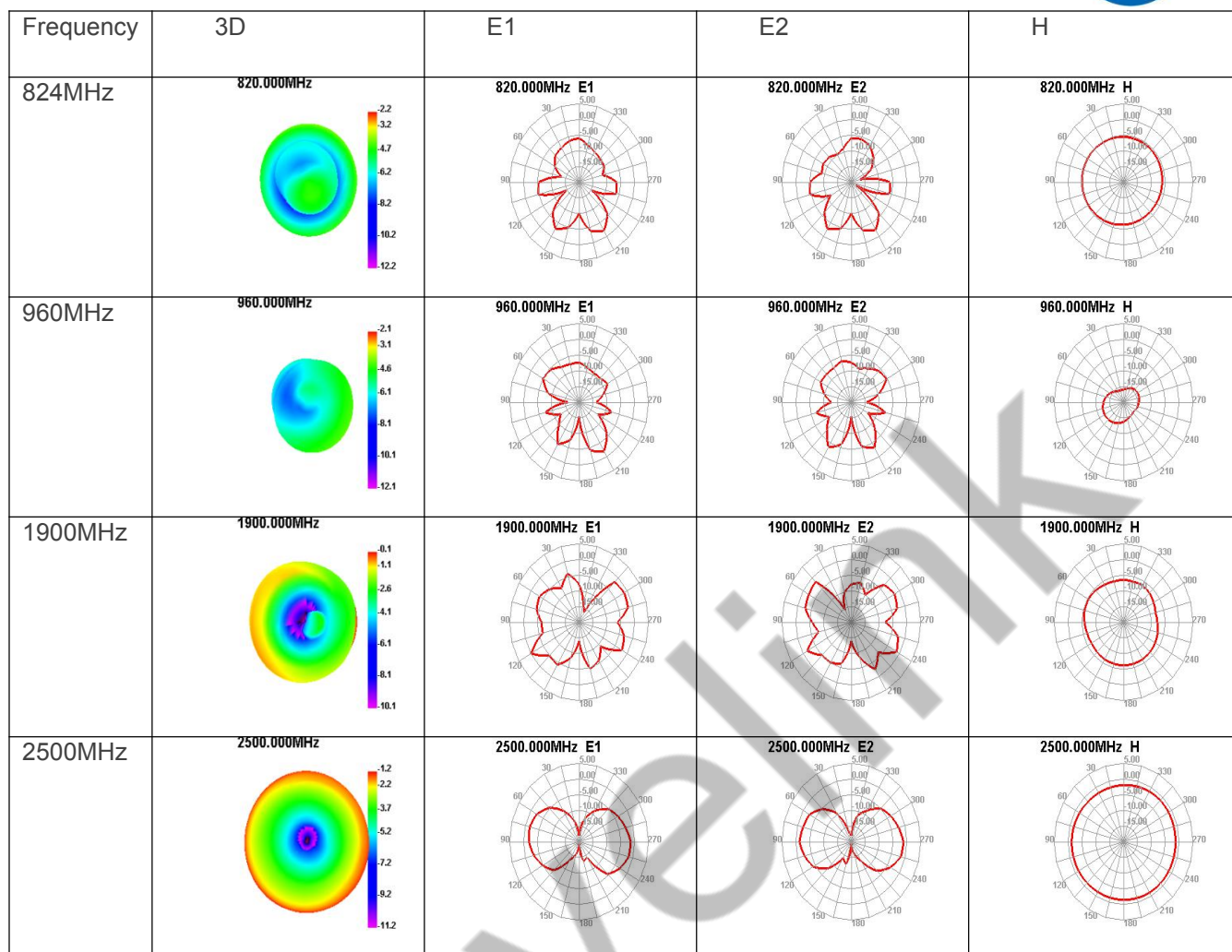
KEYSIGHT VNA Network Analyzer E5071C 100 kHz – 8.5 GHz





Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Directivity (dBi)	AttH (dB)	AttV (dB)
690	16.49	-7.83	-2.91	-5.06	-2.91	-17.86	7.83	38.69	38.31
700	25.65	-5.91	-0.67	-2.82	-0.67	-18.32	5.91	39.87	39.55
710	15.17	-8.19	-2.92	-5.07	-2.92	-20.71	8.19	37.59	37.34
720	13.64	-8.65	-3.62	-5.77	-3.62	-19.84	8.65	36.76	36.6
730	18.69	-7.28	-2.52	-4.67	-2.52	-17.1	7.28	36.99	36.86
740	17.09	-7.67	-2.83	-4.98	-2.83	-20.1	7.67	35.67	35.55
750	17.49	-7.57	-2.76	-4.91	-2.76	-19.49	7.57	35.26	35.15
760	19.82	-7.03	-2.3	-4.45	-2.3	-17.06	7.03	35.66	35.54
770	26.47	-5.77	-0.99	-3.14	-0.99	-19.39	5.77	37.25	37.11
780	20.83	-6.81	-1.92	-4.07	-1.92	-21.96	6.81	36.99	36.83
790	13.97	-8.55	-3.58	-5.73	-3.58	-21.78	8.55	35.48	35.31
800	13.66	-8.65	-3.63	-5.78	-3.63	-21.56	8.65	35.56	35.35
810	13.71	-8.63	-3.63	-5.78	-3.63	-21.5	8.63	35.63	35.4
820	19.62	-7.07	-2.17	-4.32	-2.17	-18.43	7.07	37.46	37.2
830	22.25	-6.53	-1.82	-3.97	-1.82	-18.07	6.53	37.8	37.53
840	16.55	-7.81	-3.42	-5.57	-3.42	-19.62	7.81	37.25	36.98
850	12.61	-8.99	-4.98	-7.13	-4.98	-20.03	8.99	36.38	36.12
860	12.42	-9.06	-5.38	-7.53	-5.38	-19.01	9.06	36.59	36.3
870	12.71	-8.96	-5.55	-7.7	-5.55	-18.02	8.96	37.34	36.99
880	15.67	-8.05	-4.71	-6.86	-4.71	-16.31	8.05	38.94	38.54
890	16.05	-7.95	-4.41	-6.56	-4.41	-14.98	7.95	39.19	38.78
900	14.76	-8.31	-4.47	-6.62	-4.47	-14.98	8.31	38.89	38.48
910	13.63	-8.65	-4.6	-6.75	-4.6	-16.88	8.65	38.79	38.38
920	16.89	-7.72	-3.38	-5.53	-3.38	-17.07	7.72	39.52	39.09
930	18.78	-7.26	-2.49	-4.64	-2.49	-16.04	7.26	40.86	40.33
940	22.16	-6.55	-1.37	-3.52	-1.37	-14.52	6.55	41.74	41.06
950	20.72	-6.84	-1.38	-3.53	-1.38	-14.82	6.84	41.57	40.8
960	16.69	-7.78	-2.09	-4.24	-2.09	-16.08	7.78	40.58	39.82
1700	8.16	-10.88	-7.4	-9.55	-7.4	-24.94	10.88	41.47	41.39
1720	12.93	-8.88	-5.51	-7.66	-5.51	-21.7	8.88	42.63	42.45
1740	13.19	-8.8	-5.81	-7.96	-5.81	-21.66	8.8	42.37	42.16
1760	14.19	-8.48	-4.67	-6.82	-4.67	-25.74	8.48	42.68	42.45
1780	15.63	-8.06	-3.51	-5.66	-3.51	-20.33	8.06	42.31	42.07
1800	17.89	-7.47	-2.62	-4.77	-2.62	-19.71	7.47	42.54	42.15
1820	17.84	-7.49	-2.9	-5.05	-2.9	-20.81	7.49	42.37	42
1840	25.66	-5.91	-1.84	-3.99	-1.84	-21.74	5.91	43.03	42.69
1860	29.87	-5.25	-1.52	-3.67	-1.52	-19.96	5.25	43.28	42.98
1880	33.94	-4.69	-0.98	-3.13	-0.98	-17.18	4.69	43.21	42.94
1900	40.73	-3.9	-0.13	-2.28	-0.13	-17.5	3.9	43.49	43.26
1920	42.3	-3.74	0.09	-2.06	0.09	-18.63	3.74	43.43	43.21
1940	47.69	-3.22	0.73	-1.42	0.73	-13.04	3.22	43.52	43.31

1960	58.27	-2.35	1.88	-0.27	1.88	-13.11	2.35	44.2	43.95
1980	52.22	-2.82	1.58	-0.57	1.58	-15.07	2.82	43.74	43.52
2000	58.74	-2.31	2.43	0.28	2.43	-14.94	2.31	44.38	44.23
2020	57.52	-2.4	2.5	0.35	2.5	-15.2	2.4	44.51	44.43
2040	54.95	-2.6	2.12	-0.03	2.12	-16.62	2.6	44.5	44.45
2060	45.96	-3.38	1.07	-1.08	1.07	-21.51	3.38	43.85	43.79
2080	46.06	-3.37	0.87	-1.28	0.87	-23.92	3.37	44.13	43.97
2100	43.4	-3.63	0.3	-1.85	0.3	-15.32	3.63	44.42	44.22
2120	55.1	-2.59	1.1	-1.05	1.1	-13.65	2.59	45.21	45.07
2140	54.71	-2.62	0.91	-1.24	0.91	-13.91	2.62	45.17	45.02
2160	58.1	-2.36	1.36	-0.79	1.36	-19.47	2.36	45.42	45.31
2180	66.36	-1.78	2.43	0.28	2.43	-21.73	1.78	45.89	45.87
2200	64.6	-1.9	2.57	0.42	2.57	-16.01	1.9	45.54	45.46
2220	71.83	-1.44	3.04	0.89	3.04	-14.34	1.44	45.89	45.83
2240	66.59	-1.77	2.63	0.48	2.63	-18.22	1.77	45.58	45.54
2260	66.25	-1.79	2.48	0.33	2.48	-18.29	1.79	45.88	45.83
2280	57.85	-2.38	2.29	0.14	2.29	-15.81	2.38	46.04	46.03
2300	51.38	-2.89	2.33	0.18	2.33	-16.93	2.89	45.55	45.57
2320	57.28	-2.42	3.07	0.92	3.07	-23.26	2.42	45.99	45.93
2340	47.96	-3.19	2.35	0.2	2.35	-19.83	3.19	45.77	45.68
2360	41.07	-3.86	1.38	-0.77	1.38	-18.07	3.86	45.81	45.75
2380	35.94	-4.44	0.54	-1.61	0.54	-20.08	4.44	45.6	45.48
2400	35.09	-4.55	0.36	-1.79	0.36	-26.21	4.55	45.87	45.75
2420	34.25	-4.65	-0.37	-2.52	-0.37	-30.07	4.65	46.26	46.25
2440	37.62	-4.25	-0.9	-3.05	-0.9	-27.16	4.25	46.84	46.78
2460	35.8	-4.46	-1.5	-3.65	-1.5	-24.99	4.46	46.97	46.88
2480	39.84	-4	-1.21	-3.36	-1.21	-20.46	4	47.4	47.28
2500	40.95	-3.88	-1.23	-3.38	-1.23	-19.53	3.88	47.31	47.13
2520	33.62	-4.73	-2.04	-4.19	-2.04	-23.47	4.73	47.54	47.41
2540	39.57	-4.03	-1.29	-3.44	-1.29	-23.42	4.03	48.18	48.16
2560	35.53	-4.49	-1.95	-4.1	-1.95	-20.9	4.49	47.86	47.8
2580	41.9	-3.78	-1.35	-3.5	-1.35	-21.03	3.78	48.72	48.57
2600	38.91	-4.1	-1.57	-3.72	-1.57	-22.3	4.1	48.52	48.43
2620	27.69	-5.58	-3.13	-5.28	-3.13	-20.78	5.58	47.88	47.79
2640	25.27	-5.97	-3.67	-5.82	-3.67	-21.15	5.97	47.74	47.6
2660	31.92	-4.96	-2.5	-4.65	-2.5	-20.93	4.96	47.86	47.74
2680	28.94	-5.38	-2.77	-4.92	-2.77	-22.82	5.38	47.95	47.84
2700	30.16	-5.21	-2.57	-4.72	-2.57	-21.22	5.21	48.31	48.19



5 Product Size

