

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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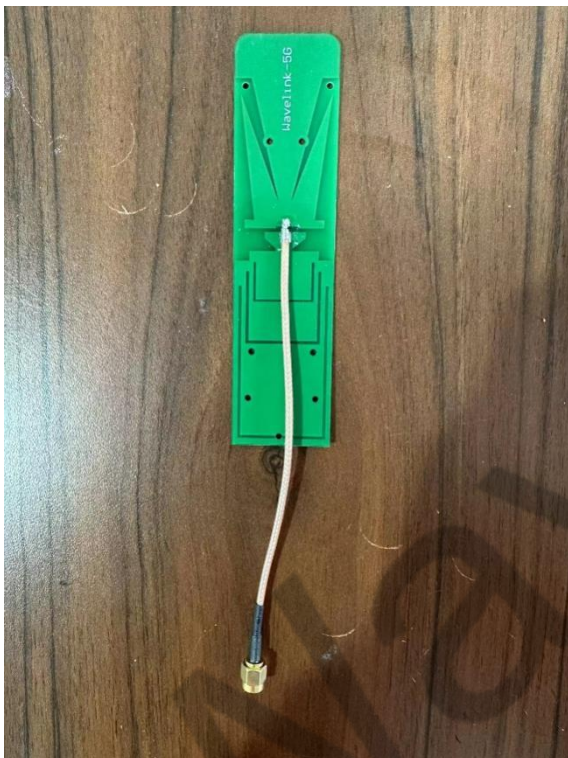
Wavelink

1 Product Description

This wavelink antenna covers 5G NR bands and is compatible with 4G/3G/2G bands.

2 Product Features

Easy to install
High efficiency
Removable



3 Product Specifications

Passive Electrical Specifications

Frequency Range	698-960MHz 1710-5000MHz
Input Impedance	50 Ω

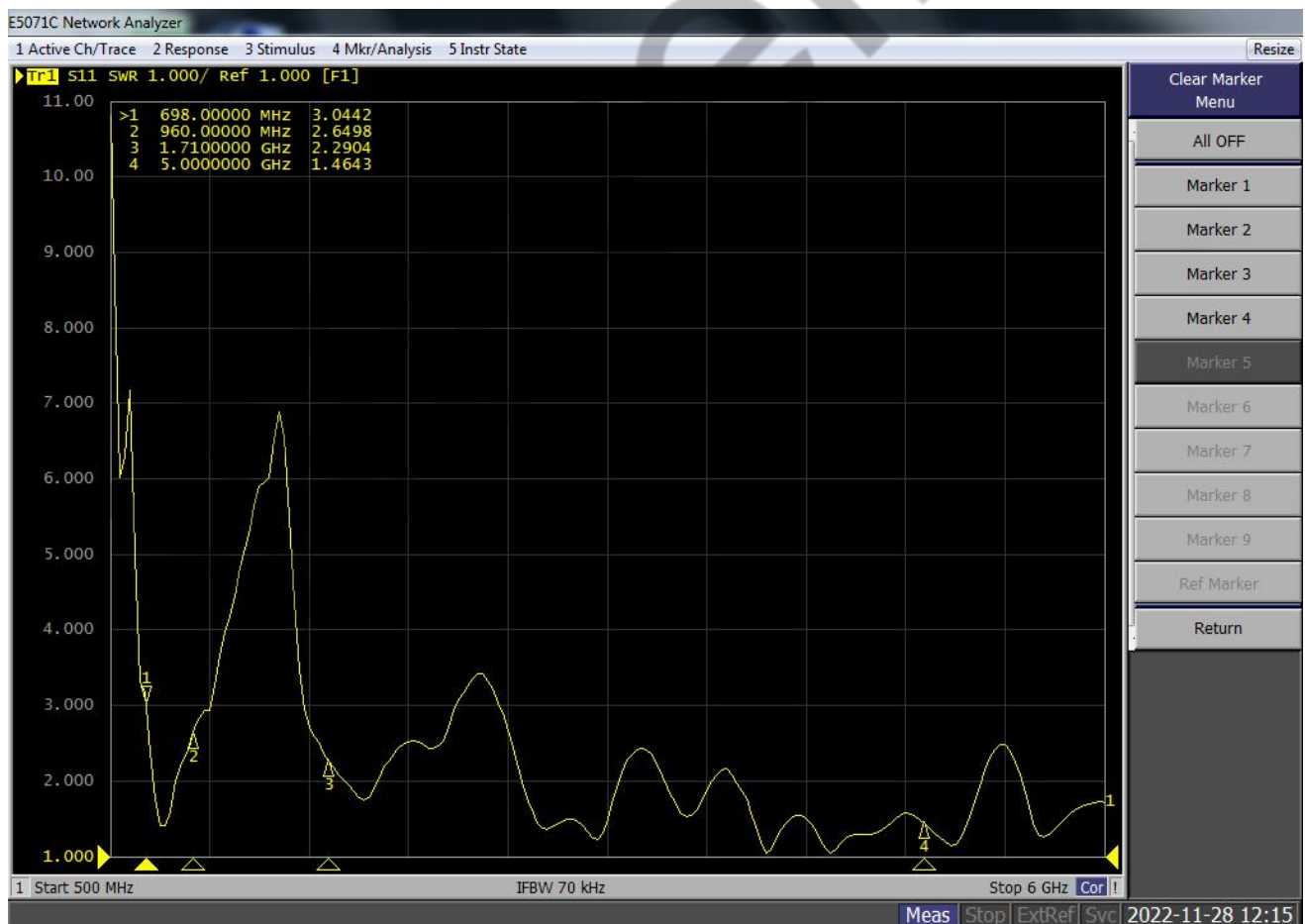
VSWR	≤ 4
Gain	≤ 6 dBi
Polarization Type	Linear

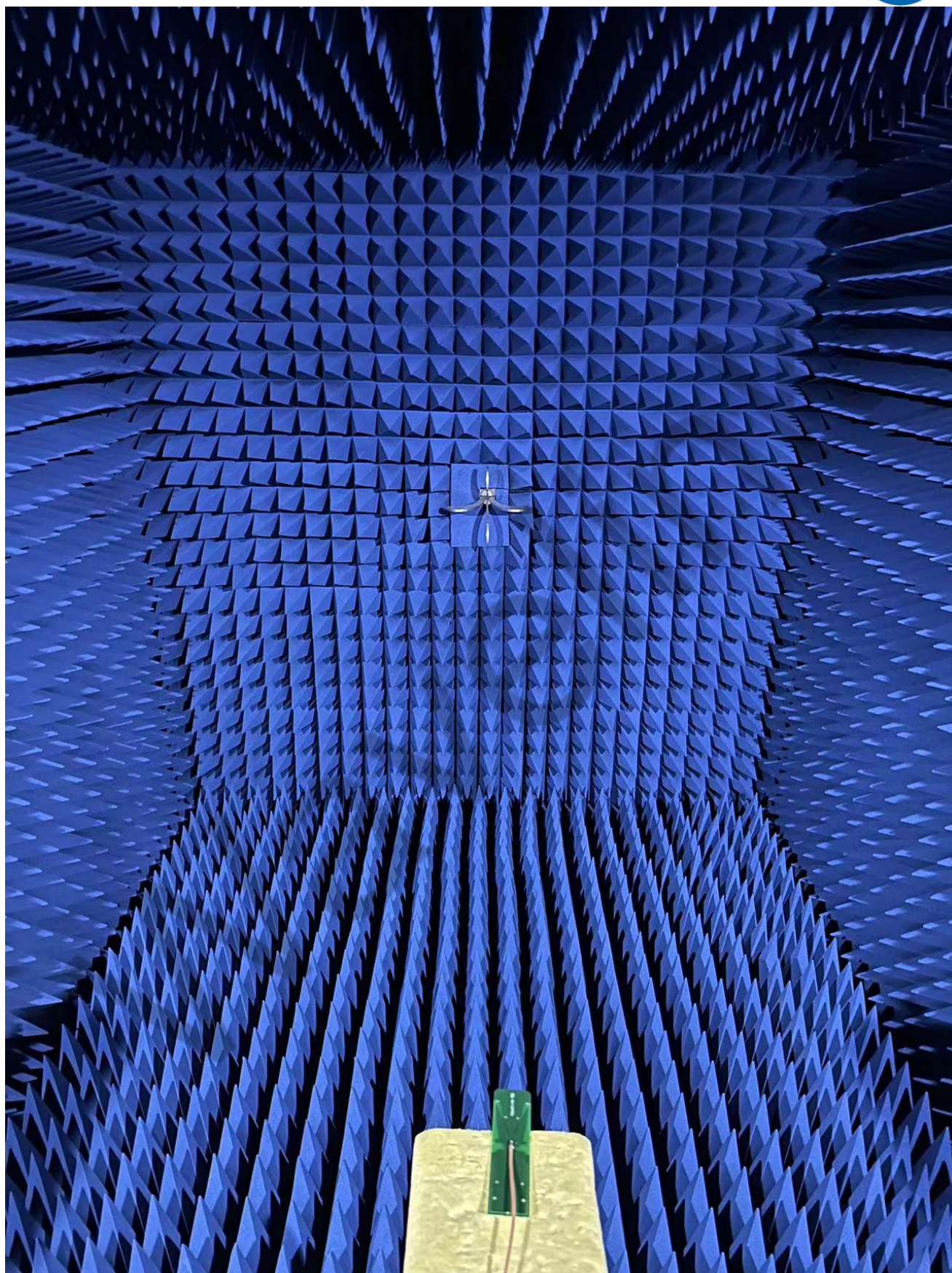
Mechanical Specifications

Antenna Size	129mm×33mm
Casing	PCB
Connector Type	SMA
Working Temperature	-40 °C to +85 °C
Color	Green

4 Overall Performance

KEYSIGHT VNA Network Analyzer E5071C 100 kHz – 8.5 GHz



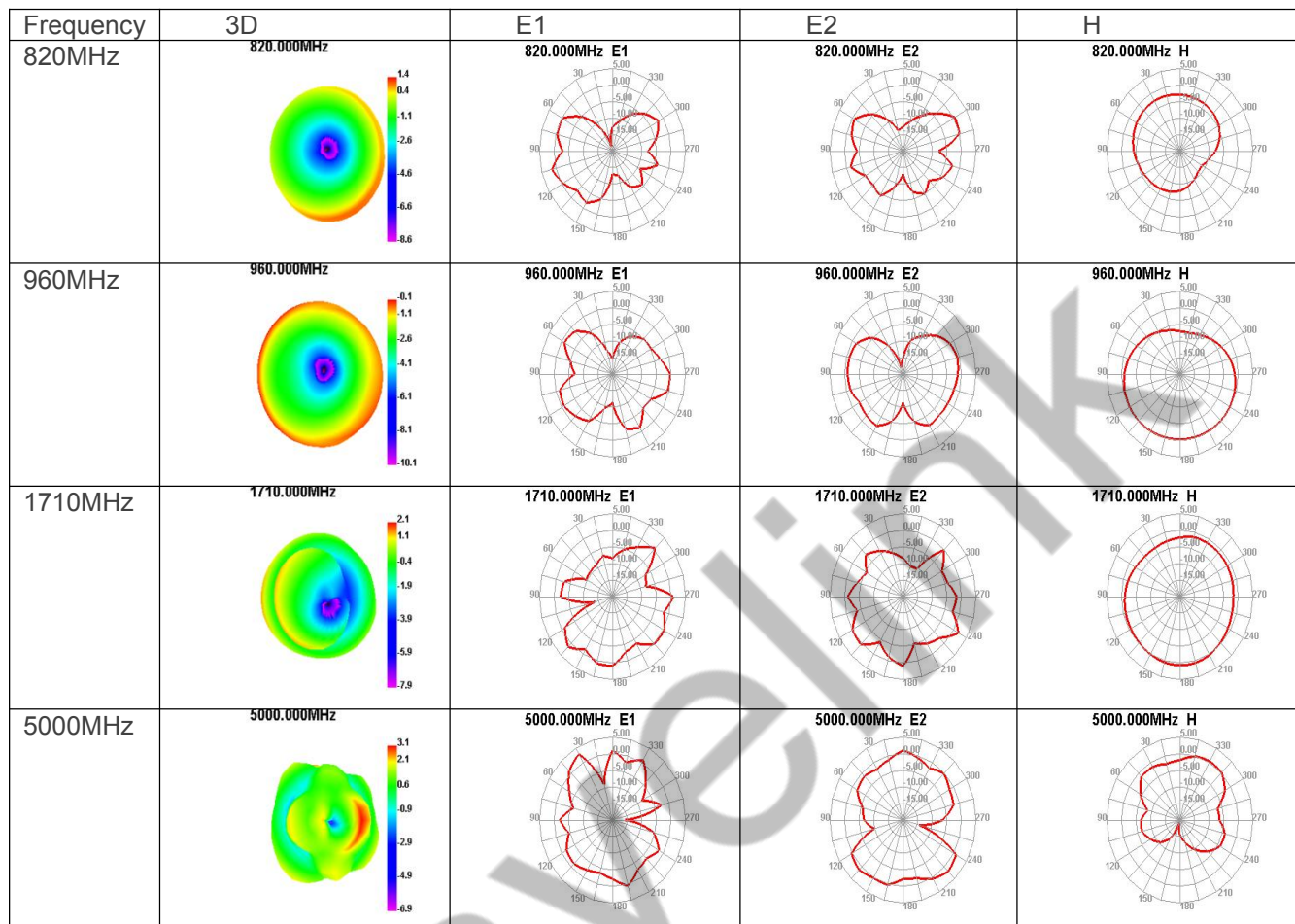


Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Directivit y (dBi)	AttH (dB)	AttV (dB)
690	19.79	-7.03	-3.6	-5.75	-3.6	-17.39	3.43	38.69	38.84
700	20.12	-6.96	-3.69	-5.84	-3.69	-18.51	3.27	38.16	38.52
710	17.71	-7.52	-4.52	-6.67	-4.52	-22.27	3	37.78	38.21
720	19.63	-7.07	-4.56	-6.71	-4.56	-21.79	2.51	37.6	38.21
730	20.88	-6.8	-4.5	-6.65	-4.5	-22.19	2.31	37.16	37.69
740	34.37	-4.64	-2.2	-4.35	-2.2	-19.76	2.43	37.26	37.76
750	45.76	-3.39	-1.01	-3.16	-1.01	-16.36	2.38	37.05	37.48
760	43.53	-3.61	-0.64	-2.79	-0.64	-15.7	2.97	37	37.4
770	40.11	-3.97	-0.82	-2.97	-0.82	-19.01	3.15	36.81	37.23
780	36.75	-4.35	-1.13	-3.28	-1.13	-22.71	3.22	36.63	37.02
790	40.74	-3.9	-0.68	-2.83	-0.68	-25.2	3.22	36.91	37.3
800	40.63	-3.91	-0.66	-2.81	-0.66	-23.78	3.25	36.97	37.22
810	45.04	-3.46	-0.26	-2.41	-0.26	-22.53	3.2	37.63	37.8
820	43.71	-3.59	-0.52	-2.67	-0.52	-18.42	3.08	37.56	37.65
830	47.16	-3.26	-0.19	-2.34	-0.19	-17.94	3.08	38.01	38.02
840	42.85	-3.68	-0.8	-2.95	-0.8	-15.44	2.88	37.66	37.69
850	45.14	-3.45	-0.71	-2.86	-0.71	-14.96	2.74	37.95	37.95
860	50.69	-2.95	-0.3	-2.45	-0.3	-15.98	2.65	38.46	38.51
870	49.85	-3.02	-0.44	-2.59	-0.44	-16.03	2.59	38.56	38.57
880	53.41	-2.72	0.06	-2.09	0.06	-15.67	2.78	39.13	39.13
890	58.22	-2.35	0.63	-1.52	0.63	-15.1	2.98	39.4	39.39
900	57.19	-2.43	0.61	-1.54	0.61	-14.79	3.04	39.82	39.71
910	58.37	-2.34	0.61	-1.54	0.61	-14.39	2.95	40.04	39.93
920	57.64	-2.39	0.55	-1.6	0.55	-13.7	2.94	40.17	40.07
930	55.74	-2.54	0.16	-1.99	0.16	-14.1	2.69	40.36	40.22
940	55.94	-2.52	-0.19	-2.34	-0.19	-15.26	2.33	40.37	40.21
950	54.71	-2.62	-0.25	-2.4	-0.25	-17.16	2.37	40.51	40.23
960	54.77	-2.61	-0.08	-2.23	-0.08	-18.6	2.53	40.26	39.96
1700	59.3	-2.27	1.46	-0.69	1.46	-9.85	3.73	42.66	42.74
1750	64.25	-1.92	1.56	-0.59	1.56	-10.31	3.48	42.75	42.88
1800	59.74	-2.24	1.08	-1.07	1.08	-15.46	3.32	42.62	42.74
1850	62.73	-2.03	1.39	-0.76	1.39	-15.06	3.42	43.34	43.21
1900	59.22	-2.28	1.77	-0.38	1.77	-16.46	4.04	43.4	43.23
1950	62.28	-2.06	1.81	-0.34	1.81	-21.3	3.87	43.69	43.62
2000	61.74	-2.09	1.78	-0.37	1.78	-20.89	3.87	44.07	44.09
2050	59.68	-2.24	2.21	0.06	2.21	-19.31	4.45	44.46	44.6
2100	52.87	-2.77	1.72	-0.43	1.72	-18.85	4.48	44.59	44.83
2150	61.86	-2.09	2.18	0.03	2.18	-18.05	4.26	44.91	45
2200	70.46	-1.52	2.74	0.59	2.74	-16.99	4.26	45.1	45.33
2250	70.72	-1.5	2.75	0.6	2.75	-17.47	4.25	45.14	45.27
2300	69.98	-1.55	2.21	0.06	2.21	-20.65	3.76	45.37	45.49

2350	77.39	-1.11	2.24	0.09	2.24	-21.39	3.36	46.03	46.1
2400	74.18	-1.3	1.37	-0.78	1.37	-18.95	2.66	46.16	46.3
2450	73.89	-1.31	1.27	-0.88	1.27	-17.32	2.59	46.77	46.93
2500	69.93	-1.55	1.45	-0.7	1.45	-18	3	46.91	47.08
2550	67.86	-1.68	1.11	-1.04	1.11	-19.04	2.8	46.7	46.76
2600	67.58	-1.7	1.32	-0.83	1.32	-21.62	3.02	46.9	46.97
2650	66.13	-1.8	1.08	-1.07	1.08	-22	2.88	47.34	47.45
2700	60.85	-2.16	1.31	-0.84	1.31	-17.73	3.47	47.58	47.8
2750	71	-1.49	1.7	-0.45	1.7	-19.46	3.19	47.68	47.78
2800	72.32	-1.41	1.81	-0.34	1.81	-19.88	3.22	47.39	47.52
2850	76.08	-1.19	1.74	-0.41	1.74	-18.93	2.93	47.68	47.56
2900	80	-0.97	2.68	0.53	2.68	-19.33	3.64	47.88	47.81
2950	81.25	-0.9	3.01	0.86	3.01	-21.68	3.91	48.32	48.16
3000	76.88	-1.14	2.72	0.57	2.72	-25.36	3.86	48.13	47.93
3050	75.08	-1.25	3.57	1.42	3.57	-19.77	4.82	47.7	47.67
3100	80.71	-0.93	3.68	1.53	3.68	-12.77	4.62	48.12	48.14
3150	81.19	-0.91	2.99	0.84	2.99	-13.62	3.89	48.3	48.47
3200	82.46	-0.84	3.81	1.66	3.81	-19.19	4.65	48.4	48.49
3250	83.08	-0.8	4	1.85	4	-17.38	4.81	48.69	48.75
3300	75.72	-1.21	3.82	1.67	3.82	-19.93	5.03	48.62	48.59
3350	81.34	-0.9	4.28	2.13	4.28	-13.48	5.17	49.04	49.01
3400	90.31	-0.44	4.89	2.74	4.89	-14.6	5.34	49.2	49.08
3450	90.89	-0.41	4.97	2.82	4.97	-17.64	5.38	49.31	49.25
3500	82.35	-0.84	4.13	1.98	4.13	-16.7	4.98	49.19	49.09
3550	78.96	-1.03	4.05	1.9	4.05	-14.19	5.08	49.24	49.13
3600	78.16	-1.07	3.9	1.75	3.9	-13.18	4.97	49.37	49.25
3650	66.4	-1.78	3.27	1.12	3.27	-15.51	5.05	49.24	49.15
3700	65.64	-1.83	3.09	0.94	3.09	-16.3	4.92	49.25	49.33
3750	68.72	-1.63	3.02	0.87	3.02	-21.34	4.65	49.18	49.24
3800	69.58	-1.58	3.13	0.98	3.13	-16.74	4.71	49.46	49.45
3850	74.04	-1.31	4.21	2.06	4.21	-14.38	5.52	49.45	49.46
3900	88.82	-0.52	5.28	3.13	5.28	-16.13	5.8	50.39	50.35
3950	79.35	-1	4.74	2.59	4.74	-22.05	5.74	49.87	49.94
4000	69.66	-1.57	4.37	2.22	4.37	-20.98	5.94	49.89	49.9
4050	74.96	-1.25	4.5	2.35	4.5	-20.57	5.75	50.71	50.79
4100	69.94	-1.55	4	1.85	4	-15.7	5.56	50.23	50.35
4150	68.66	-1.63	3.47	1.32	3.47	-17.61	5.1	50.28	50.43
4200	61.73	-2.09	3.7	1.55	3.7	-15.6	5.8	49.73	49.85
4250	70.85	-1.5	5.27	3.12	5.27	-14.01	6.77	50.3	50.35
4300	70.72	-1.5	5.75	3.6	5.75	-11.53	7.26	50.43	50.57
4350	65.24	-1.85	5.34	3.19	5.34	-12.27	7.2	50.45	50.67
4400	64.2	-1.92	4.89	2.74	4.89	-16.85	6.81	50.78	50.98
4450	64.76	-1.89	4.88	2.73	4.88	-12.86	6.77	50.99	51.09
4500	59.88	-2.23	4.69	2.54	4.69	-13.03	6.91	50.71	50.75

4550	62.84	-2.02	5.05	2.9	5.05	-13.44	7.06	51.01	51.25
4600	62.36	-2.05	4.78	2.63	4.78	-18.12	6.83	50.95	51.24
4650	64.29	-1.92	4.79	2.64	4.79	-18	6.71	50.6	50.95
4700	70.17	-1.54	4.98	2.83	4.98	-18.59	6.52	50.88	51.17
4750	66.63	-1.76	5.03	2.88	5.03	-19.46	6.79	50.87	51.03
4800	65.1	-1.86	5.32	3.17	5.32	-20.6	7.19	51.35	51.4
4850	60.45	-2.19	5.05	2.9	5.05	-21.45	7.24	51.19	51.2
4900	60.35	-2.19	4.31	2.16	4.31	-14.67	6.5	51.4	51.48
4950	65.2	-1.86	4	1.85	4	-10.93	5.86	51.7	51.96
5000	69.16	-1.6	3.63	1.48	3.63	-9.53	5.23	51.61	52.01

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5 Product Size

