

Antenna test data

Antenna Type : PCB Antenna

Efficiency and gain:

WIFI 2.4G		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	0.17	-24.36
2410	0.17	-24.32
2420	0.16	-24.52
2430	0.16	-24.56
2440	0.17	-24.43
2450	0.17	-24.1
2460	0.17	-24.11
2470	0.17	-23.7
2480	0.15	-23.61
2490	0.15	-23.09
2500	0.16	-23.57

WIFI 5G		
Freq (MHz)	Effi (%)	Gain (dBi)
5100	3.92	-8.69
5120	4.1	-8.49
5140	4.32	-8.35
5160	3.92	-8.52
5180	4.52	-7.93
5200	5.56	-6.92
5220	5.06	-7.3
5240	6.12	-6.62
5260	5.49	-6.98
5280	5.43	-7.08
5300	5.35	-7.2
5320	5.88	-6.96
5340	5.91	-6.8
5360	7.17	-6.16
5380	6.82	-6.25
5400	6.31	-6.61
5420	6.77	-6.32
5440	5.44	-7.23
5460	5.64	-7.07
5480	6.21	-6.56
5500	5.3	-7.27
5520	6.28	-6.59
5540	6.25	-6.5
5560	6.06	-6.5
5580	5.99	-6.52
5600	7.54	-5.62
5620	6.94	-6.03
5640	8.7	-5.03
5660	10.04	-4.42
5680	8.71	-5.04
5700	9.52	-4.74
5720	8.82	-5.04
5740	8.26	-5.27
5760	9.33	-4.65
5780	9.25	-4.57
5800	9.49	-4.44
5820	10.29	-4.21
5840	9.43	-4.44
5860	7.71	-5.21
5880	8.36	-4.92
5900	7.2	-5.63

BT		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	1.12	-14.22
2410	1.15	-13.91
2420	1.12	-14.12
2430	1.1	-14.16
2440	1.16	-14.04
2450	1.21	-13.87
2460	1.22	-13.7
2470	1.18	-13.79
2480	1.09	-13.95
2490	1.07	-13.95
2500	1.1	-13.78

Dimensional drawings and antenna images:

