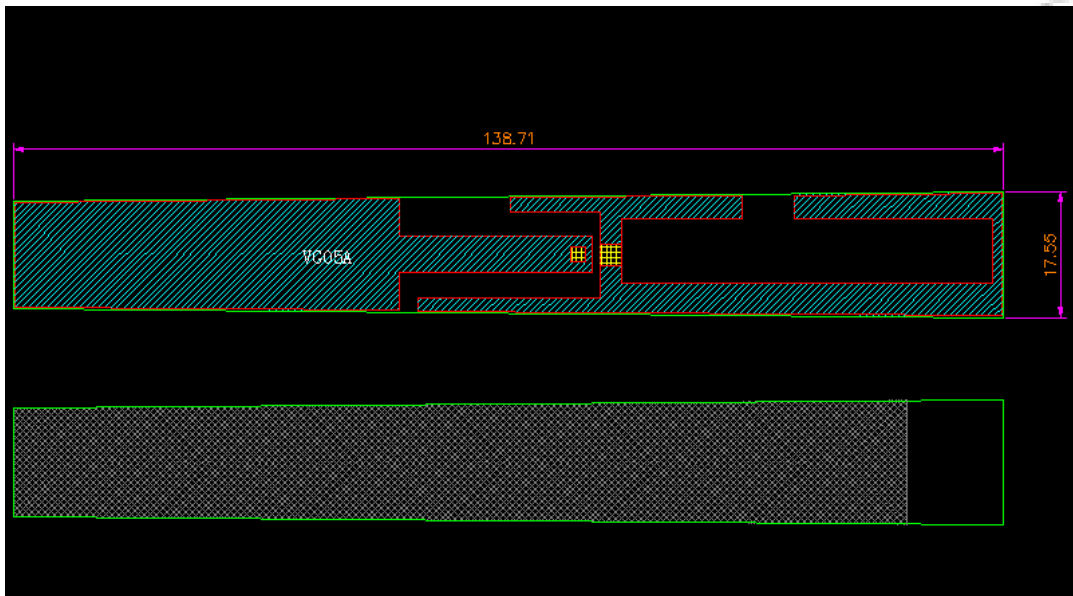


Maswell Built-in 5G/4G LTE Ultra broadband Antenna Pocket Edition

AN_Master_VG05A



Maswell Built-in 5G/4G LTE Ultra broadband Antenna Pocket Edition AN_Master_VG05A

Specifications

Item	Specifications	
Antenna	Frequency Range	600~6000 MHz
	Polarization	Linear
	Gain	3dBi (Zenith)
	V.S.W.R	<3.0
	Impedance	50Ω
	Efficiency	>60%
Mechanical	Cable	RG178
	Connector	SMA
	Radome Material	ABS
	Dimension	138.71 *17.55mm
Environmental	Operating Temperature	-40℃~+85℃
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant

Maswell Built-in 5G/4G LTE Ultra broadband Antenna Pocket Edition

AN_Master_VG05A

Measured Data

Freq (MHz)	Effi (%)	Freq (MHz)	Effi (%)	Freq (MHz)	Effi (%)	Freq (MHz)	Effi (%)	Freq (MHz)	Effi (%)
600	33.66	1160	12.89	1720	62.94	2280	62.6	3000	70.12
620	56.6	1180	16.2	1740	63.51	2300	62.25	3100	73.25
640	65.58	1200	24.22	1760	66.39	2320	65.15	3200	71.59
660	65.24	1220	25.25	1780	74.95	2340	65.22	3300	77.55
680	61.99	1240	32.42	1800	77.09	2360	69.13	3400	80.71
700	64.35	1260	36.48	1820	76.07	2380	68.4	3500	69.82
720	57.02	1280	42.67	1840	69.28	2400	73.39	3600	73.56
740	50.48	1300	59.92	1860	69.78	2420	70.18	3700	71.27
760	33.11	1320	64.49	1880	67.77	2440	71.14	3800	61.49
780	30.41	1340	74.45	1900	73.5	2460	72.05	3900	69.99
800	34.04	1360	77.6	1920	69.09	2480	71.45	4000	68.93
820	23.96	1380	73.15	1940	79.95	2500	78.39	4100	76.04
840	16.69	1400	71.63	1960	75.58	2520	75.61	4200	76.57
860	21.33	1420	76.1	1980	76.35	2540	76.54	4300	72.21
880	30.01	1440	79.81	2000	76.87	2560	78.25	4400	73.59
900	40.98	1460	78.81	2020	83.89	2580	70.73	4500	62.57
920	46.6	1480	78.2	2040	70.9	2600	71.74	4600	50.17
940	28.01	1500	75.93	2060	72.34	2620	70.61	4700	51.09
960	15.45	1520	78.48	2080	69.36	2640	75.4	4800	48.27
980	10.01	1540	70.66	2100	71.82	2660	78.89	4900	56.86
1000	8.35	1560	78.32	2120	61.39	2680	73.36	5000	52.93
1020	4.18	1580	71.95	2140	62.12	2700	79.42	5100	58.28
1040	3.22	1600	70.09	2160	59.51	2720	77	5200	54.61
1060	2.91	1620	70.93	2180	61.59	2740	73.42	5300	55.39
1080	3.65	1640	73.09	2200	65.43	2760	78.21	5400	67.83
1100	3.84	1660	70.81	2220	63.4	2780	79.98	5500	65.16
1120	5.67	1680	61.35	2240	65.67	2800	78.74	5600	60.13
						2820	71.66	5700	65.06
						2840	79.02	5800	66.83
						2860	75.86	5900	62.78
						2880	77.25	6000	73.05
						2900	76.69		
						2920	79.44		
						2940	74.63		
						2960	73.05		
						2980	77.89		
						3000	70.25		

Maswell Built-in 5G/4G LTE Ultra broadband Antenna Pocket Edition

AN_Master_VG05A

S11

