

DongGuan Yangyue Electronic Communication Technology Co., Ltd	
Adress: Room 602, Building 1, No. 2 Pujiang Road, Humen Town, Dongguan, Guangdong, China	
Project	YY-20250321-01
Antenna Manufacturer	YANGYUE
Engineer	Tony-Men

Antenna Type		Dipole Antenna											
Equipment & Cal. Date													
Equipment		Manufacturer		Model NO.		Last CAL.		Due Date					
Network Analyzer		Agilent		E5071C		2024.8.31		2025.8.30					
CMW500		R&S		CMW500		2024.8.31		2025.8.30					
Fre (MHz)	eff (dB)	Gain (dBi)	eff (%)		Fre (MHz)	eff (dB)	Gain (dBi)	eff (%)		Fre (MHz)	eff (dB)	Gain (dBi)	eff (%)
600	-12.86	-9.74	5.18		1700	-3.01	1.49	50.02		2240	-3.87	1.06	41.00
620	-8.62	-5.76	13.74		1720	-3.10	1.40	48.97		2260	-3.57	1.09	43.96
640	-5.83	-3.48	26.12		1740	-3.25	1.00	47.29		2280	-3.51	1.15	44.58
660	-4.06	-2.46	39.25		1760	-3.25	1.24	47.35		2300	-3.49	0.96	44.73
680	-3.47	-0.55	44.96		1780	-3.06	1.37	49.41		2320	-3.00	1.10	50.07
700	-4.32	2.38	36.99		1800	-3.06	1.62	49.46		2340	-3.15	0.75	48.46
720	-4.59	2.33	34.72		1820	-3.44	1.31	45.34		2360	-3.32	1.06	46.57
740	-3.72	2.22	42.45		1840	-3.31	1.69	46.67		2380	-3.28	0.91	47.00
760	-3.51	1.54	44.55		1860	-3.52	1.54	44.50		2400	-3.64	1.08	43.21
780	-3.02	1.97	49.92		1880	-3.69	1.24	42.75		2420	-3.61	0.81	43.54
800	-2.97	1.51	50.47		1900	-3.62	1.56	43.47		2440	-3.59	1.44	43.74
820	-2.42	2.82	57.25		1920	-4.41	0.97	36.22		2460	-3.61	1.00	43.56
840	-2.52	2.57	55.98		1940	-4.38	1.11	36.45		2480	-3.66	0.62	43.09
860	-2.68	2.35	53.96		1960	-4.08	1.76	39.07		2500	-3.66	1.09	43.06
880	-3.17	2.30	48.21		1980	-4.25	1.72	37.60		2520	-3.71	1.67	42.58
900	-4.02	2.43	39.67		2000	-3.94	1.86	40.38		2540	-3.83	1.48	41.41
920	-4.49	2.10	35.59		2020	-3.64	1.59	43.28		2560	-3.62	1.54	43.46
940	-4.78	1.94	33.27		2040	-3.59	1.40	43.72		2580	-3.46	1.35	45.06
960	-5.03	1.47	31.38		2060	-3.78	0.86	41.87		2600	-3.74	0.52	42.24
				2080	-4.00	0.64	39.84	2620	-3.65	0.57	43.11		
				2100	-4.63	0.18	34.44	2640	-3.53	0.92	44.37		
				2120	-4.75	-0.34	33.50	2660	-3.62	0.52	43.45		
				2140	-4.34	0.24	36.83	2680	-3.74	0.03	42.23		
				2160	-4.37	0.15	36.59	2700	-3.86	0.10	41.09		
				2180	-4.48	0.13	35.65						
				2200	-4.41	0.12	36.26						
				2220	-4.26	0.71	37.46						

Fre (MHz)	eff (dB)	Gain (dBi)	eff (%)
2240	-3.87	1.06	41.00
2260	-3.57	1.09	43.96
2280	-3.51	1.15	44.58
2300	-3.49	0.96	44.73
2320	-3.00	1.10	50.07
2340	-3.15	0.75	48.46
2360	-3.32	1.06	46.57
2380	-3.28	0.91	47.00
2400	-3.64	1.08	43.21
2420	-3.61	0.81	43.54
2440	-3.59	1.44	43.74
2460	-3.61	1.00	43.56
2480	-3.66	0.62	43.09
2500	-3.66	1.09	43.06
2520	-3.71	1.67	42.58
2540	-3.83	1.48	41.41
2560	-3.62	1.54	43.46
2580	-3.46	1.35	45.06
2600	-3.74	0.52	42.24
2620	-3.65	0.57	43.11
2640	-3.53	0.92	44.37
2660	-3.62	0.52	43.45
2680	-3.74	0.03	42.23
2700	-3.86	0.10	41.09



