

Antenna Specification

Customer	LNDU	Project	K26
Band	2.4GHZ+5GHz		
Version	A0	Data	20250630

1.Manufacturer information

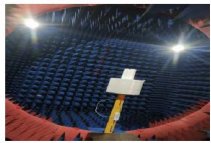
Company name: SHENZHEN GUANGYUANFA ELECTRONIC CO., LTD

Address: Room A-409, 425-426, Tong 'an Logistics Information Port, No. 30,
Aviation Road, Gushu, Bao 'an District, Shenzhen City

2.Electrical Specification:

Antenna types	FPC Antenna
Frequency	2400-2500 MHz, 5150-5850 MHz
Impedance	50 Ω

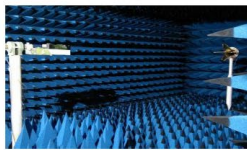
3. Test Equipment



24probe anechoic chamber



CMW500



7*4*3M ETS anechoic chamber



Agilent 8960



Agilent E5071B



high-low temperature chamber



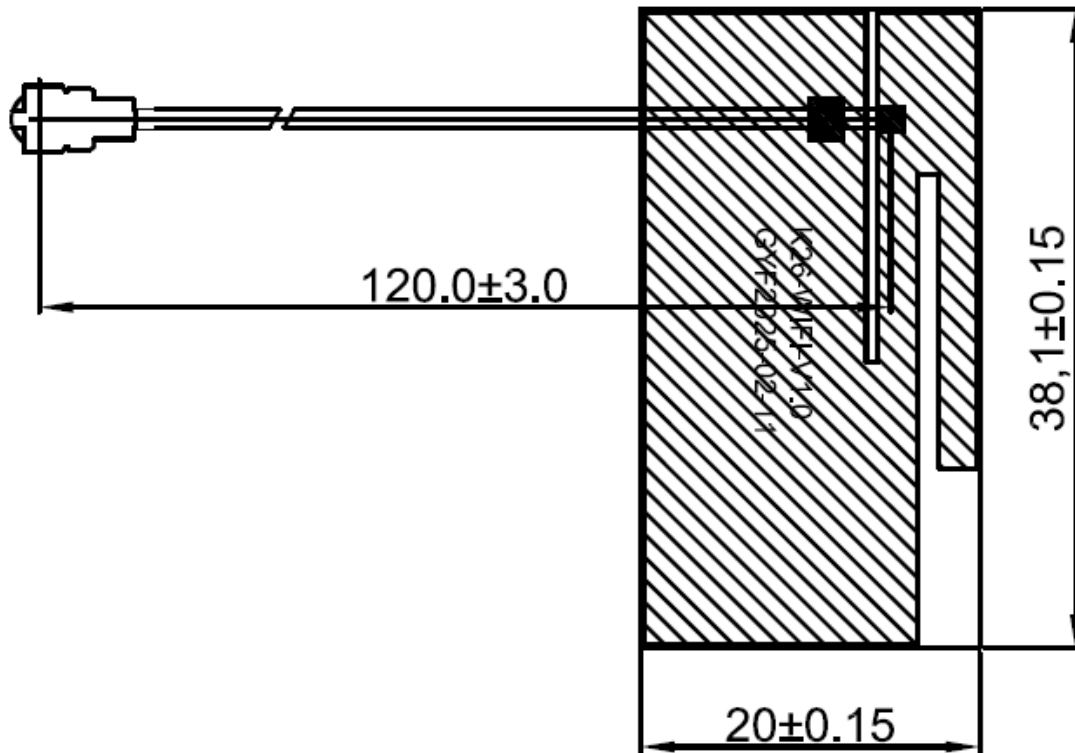
MT8820C



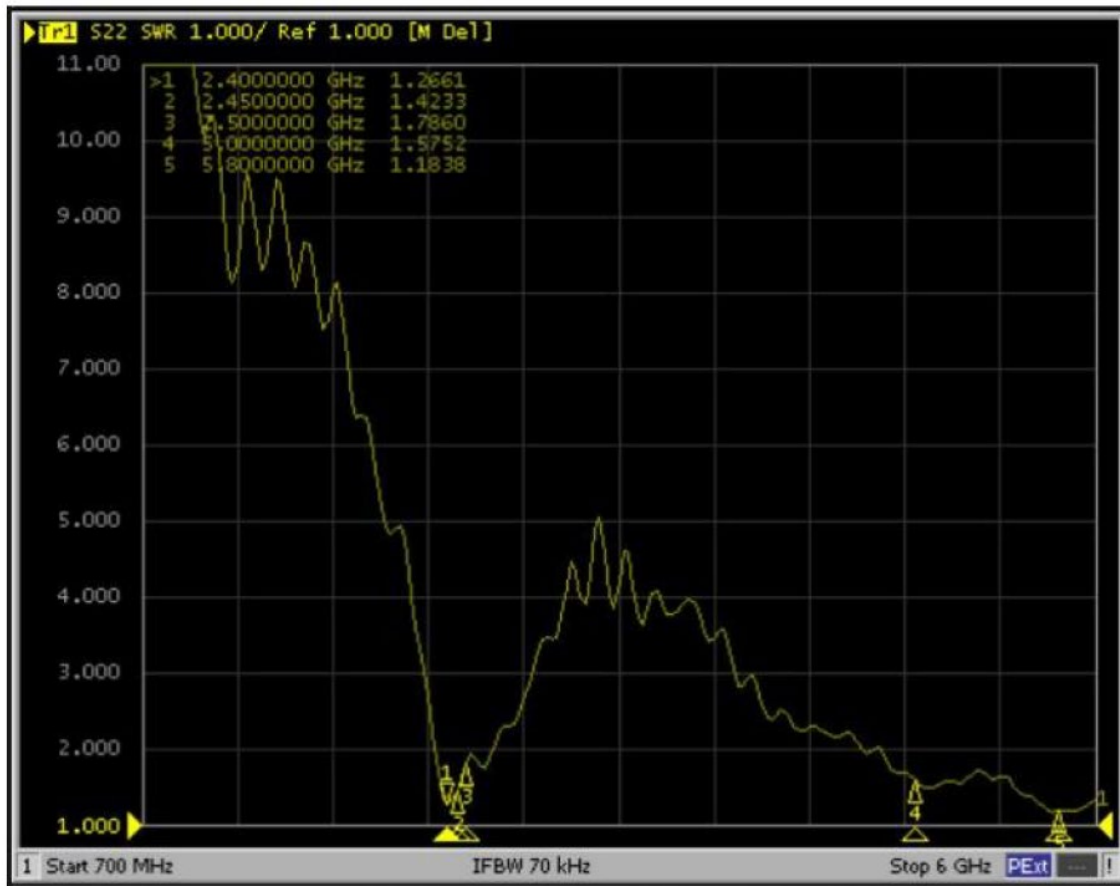
HP8753ES



4. The antenna photo



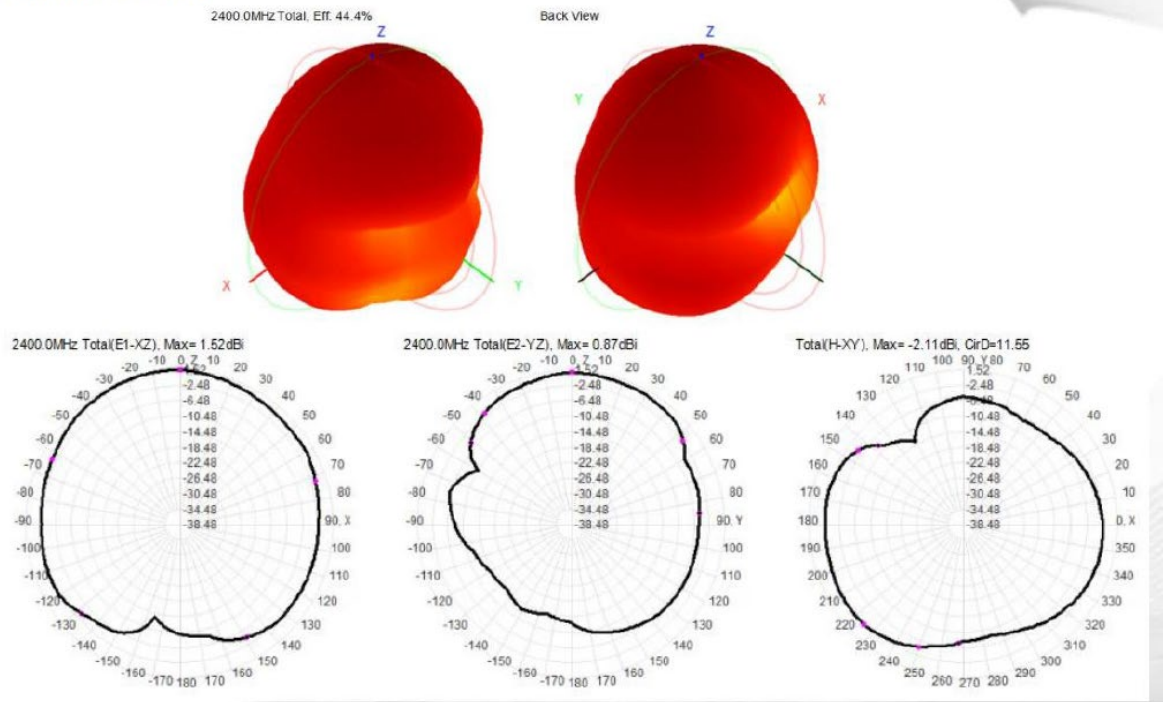
5. Radiation Pattern



Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-3.53	1.52	44.39
2410.0	-3.57	1.24	43.97
2420.0	-3.72	0.94	42.46
2430.0	-3.55	0.92	44.12
2440.0	-3.61	0.72	43.55
2450.0	-3.63	0.77	43.40
2460.0	-3.73	0.60	42.03
2470.0	-4.03	0.49	39.56
2480.0	-4.18	0.63	38.23
2490.0	-4.44	0.70	35.98
2500.0	-4.36	1.12	36.60

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
5150.0	-3.78	1.72	41.85
5200.0	-3.86	1.61	41.15
5250.0	-3.92	1.51	40.55
5300.0	-3.93	1.71	40.44
5350.0	-3.70	1.56	42.68
5400.0	-3.70	1.59	42.66
5450.0	-3.81	1.93	41.64
5500.0	-3.88	1.71	40.89
5550.0	-3.82	2.05	41.46
5600.0	-3.81	1.85	41.61
5650.0	-3.70	1.71	42.62
5700.0	-3.32	1.68	46.59
5750.0	-3.34	1.69	46.37
5800.0	-3.37	1.60	45.66
5850.0	-3.42	1.91	45.46

WIFI 2400MHz 2D/3D



5550MHz 2D/3D

