

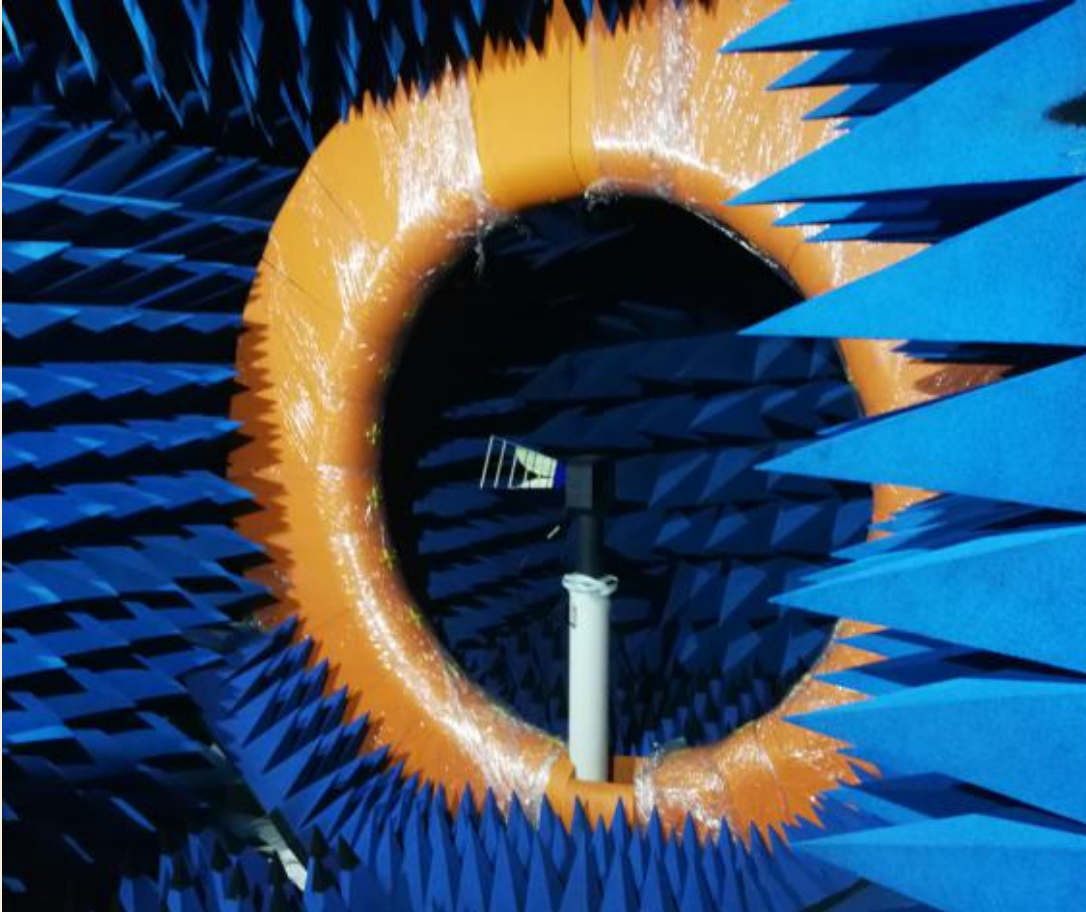
德威玛通讯设备有限公司
DWM Communication Equipment Co., Ltd.

Antenna Test Report
天线测试报告

❖ DATE: 2024-05-09



Test Equipment



A 24-probe microwave chamber



5G StarPoint SP9500



R&S CMW500



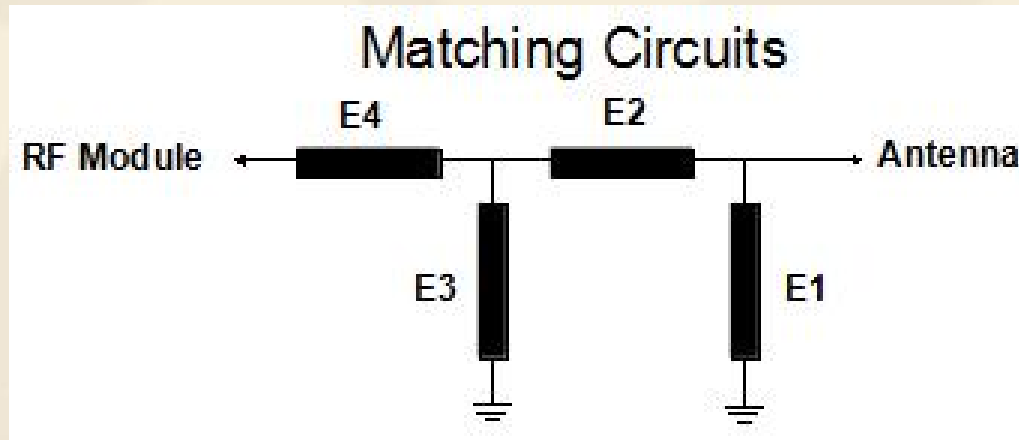
Agilent Technologies E5071C

Customer	LFSCALE	Customer Number	CF608BLE
Antenna Band	BT:2400~2500MHz	DWM Number	
Date	2024/05/09	Author	

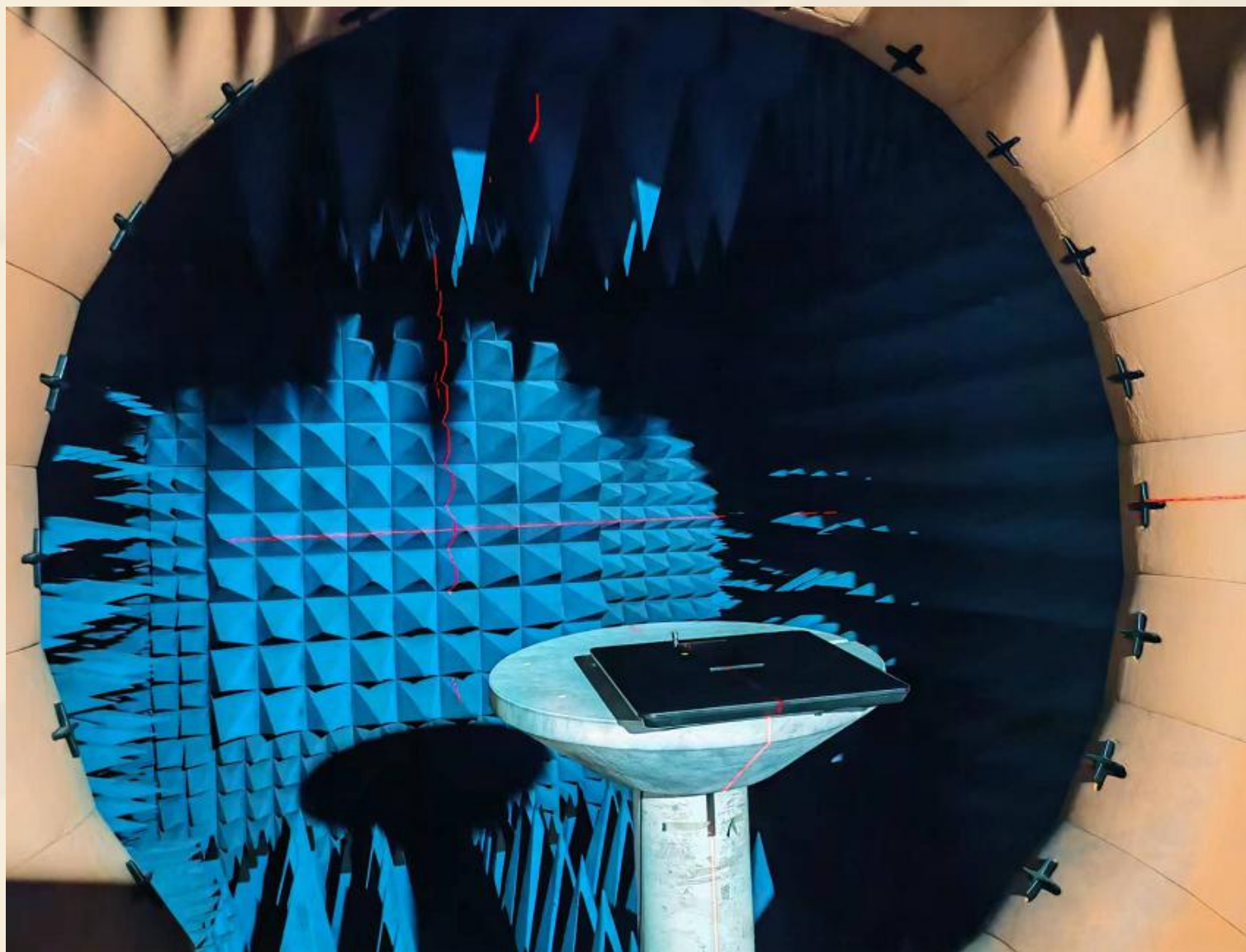
Specification

Technology Parameters	
Frequency (MHz)	2400~2500MHz
Peak Gain(dBi)	4.74dBi
Efficiency(%)	>30%
VSWR	<2.0
Impedance (Ω)	50 Ω
Antenna Type	Dipole
Polarization	Linear

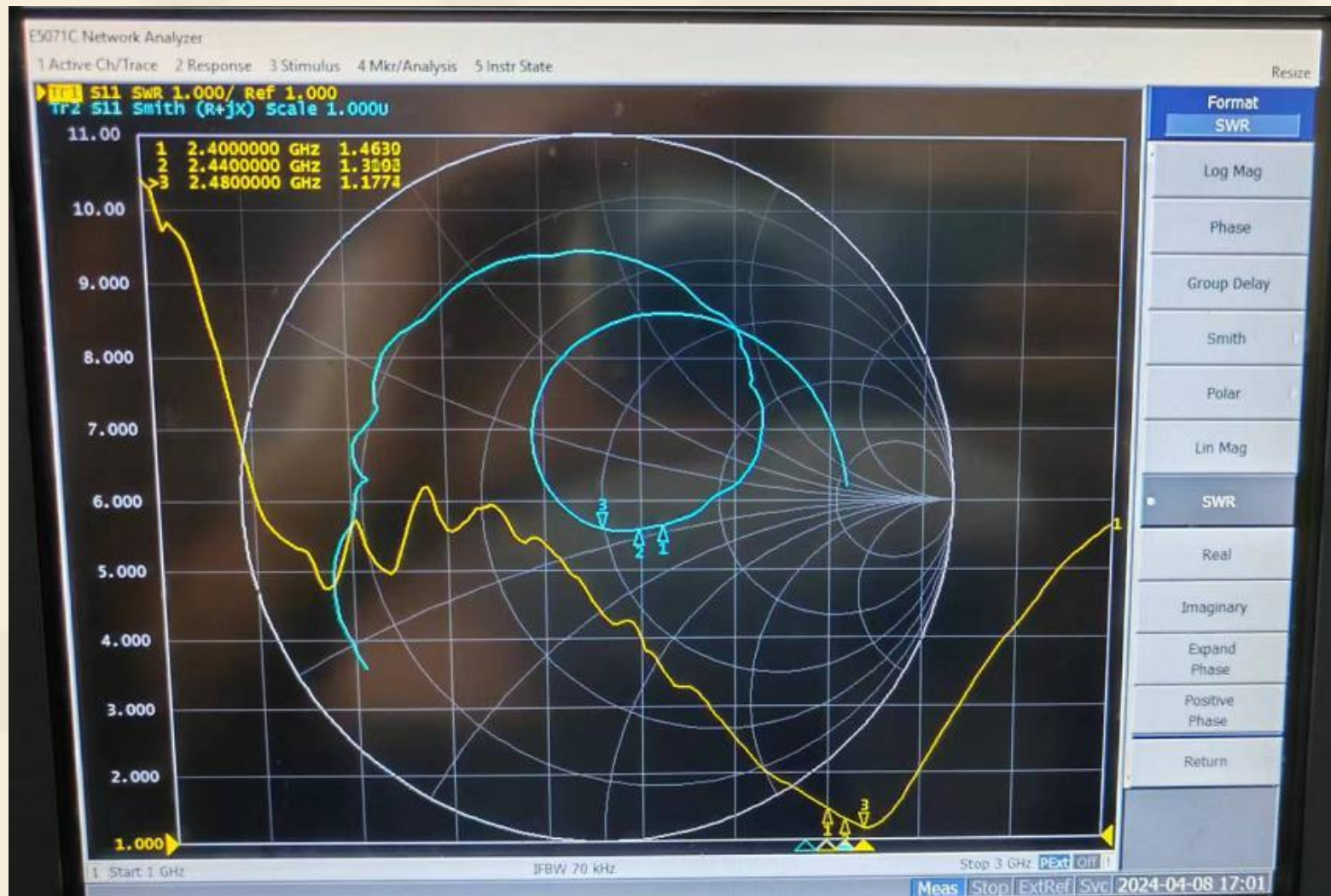
The matching test value



Element	Value
E1(0201)	
E2(0201)	
E3(0201)	
E4(0201)	



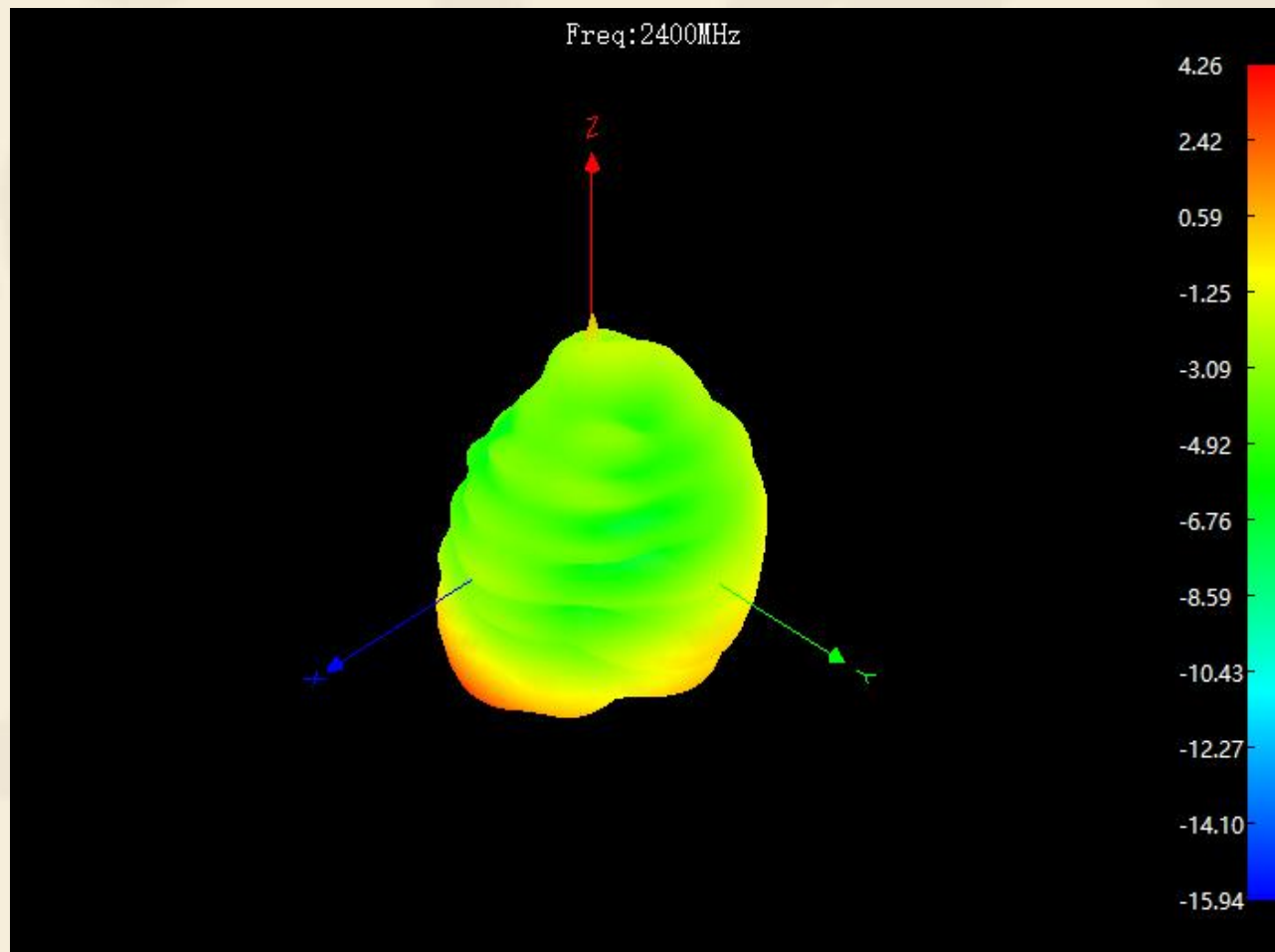
BT Antenna Passive Data(SWR):



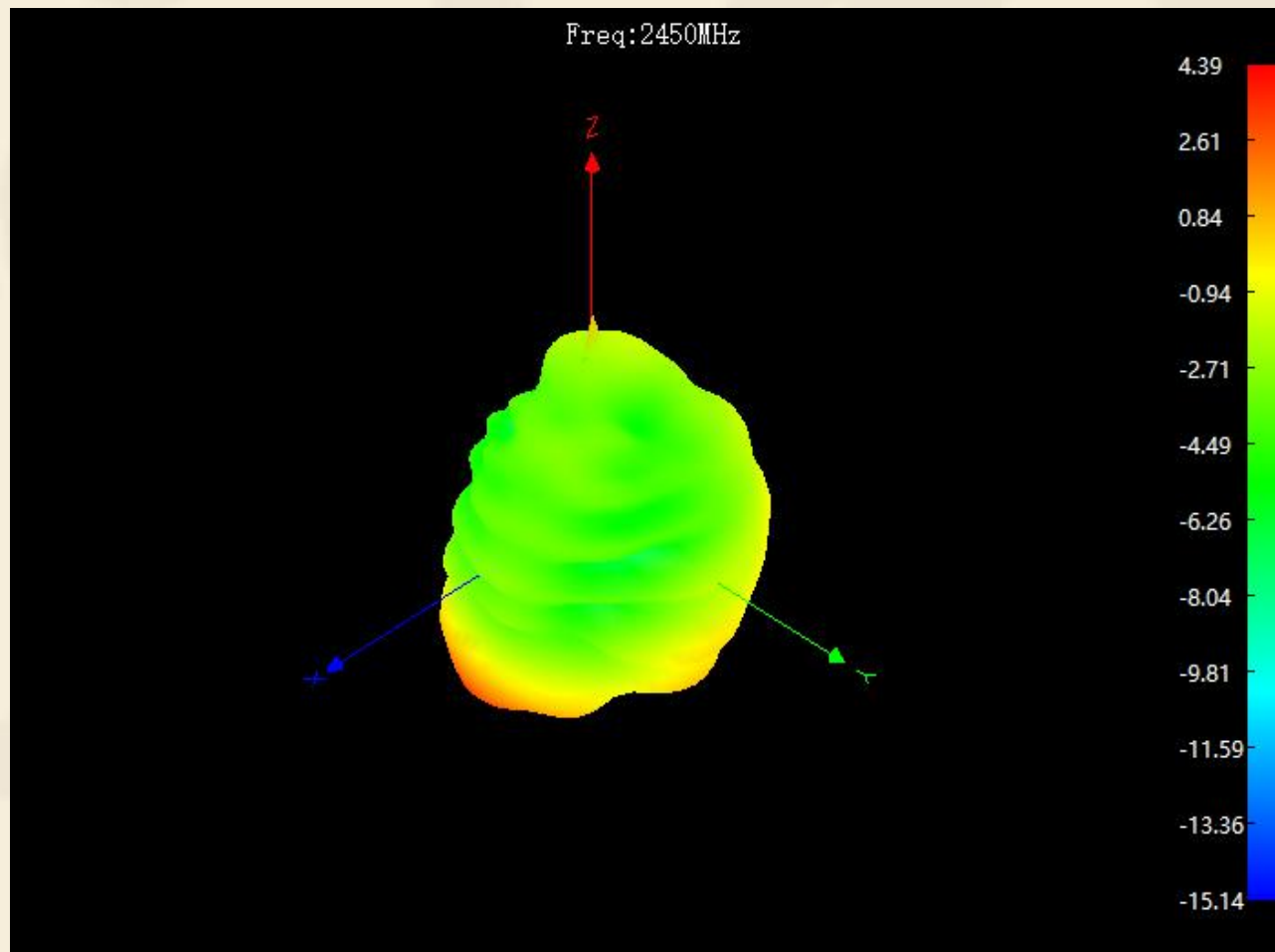
BT Antenna Gain And Efficiency;

Frequency/Mhz	Efficiency / dB	Efficiency / %	Max Gain/dBi	AvgGain/dBi
2400	-4.6	34.67	4.26	-4.6
2410	-4.59	34.75	3.97	-4.59
2420	-4.4	36.31	4.52	-4.4
2430	-4.27	37.41	4.69	-4.27
2440	-4.3	37.15	4.17	-4.3
2450	-4.15	38.46	4.39	-4.15
2460	-4.17	38.28	4.64	-4.17
2470	-4.36	36.64	4.22	-4.36
2480	-4.4	36.31	4.41	-4.4
2490	-4.72	35.73	4.74	-4.72
2500	-4.89	35.43	4.09	-4.89

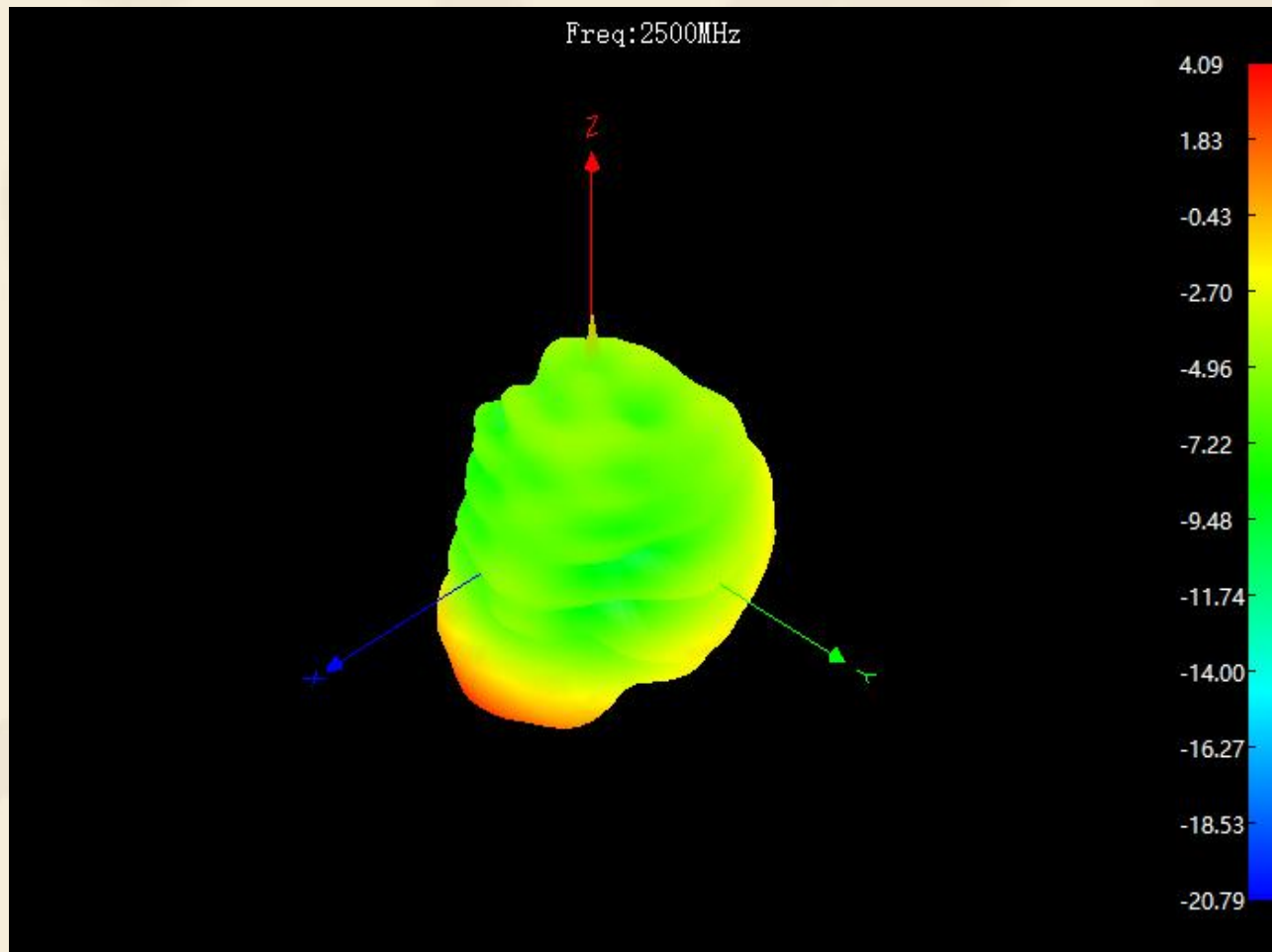
Antenna 3D Pattern(2400MHz):



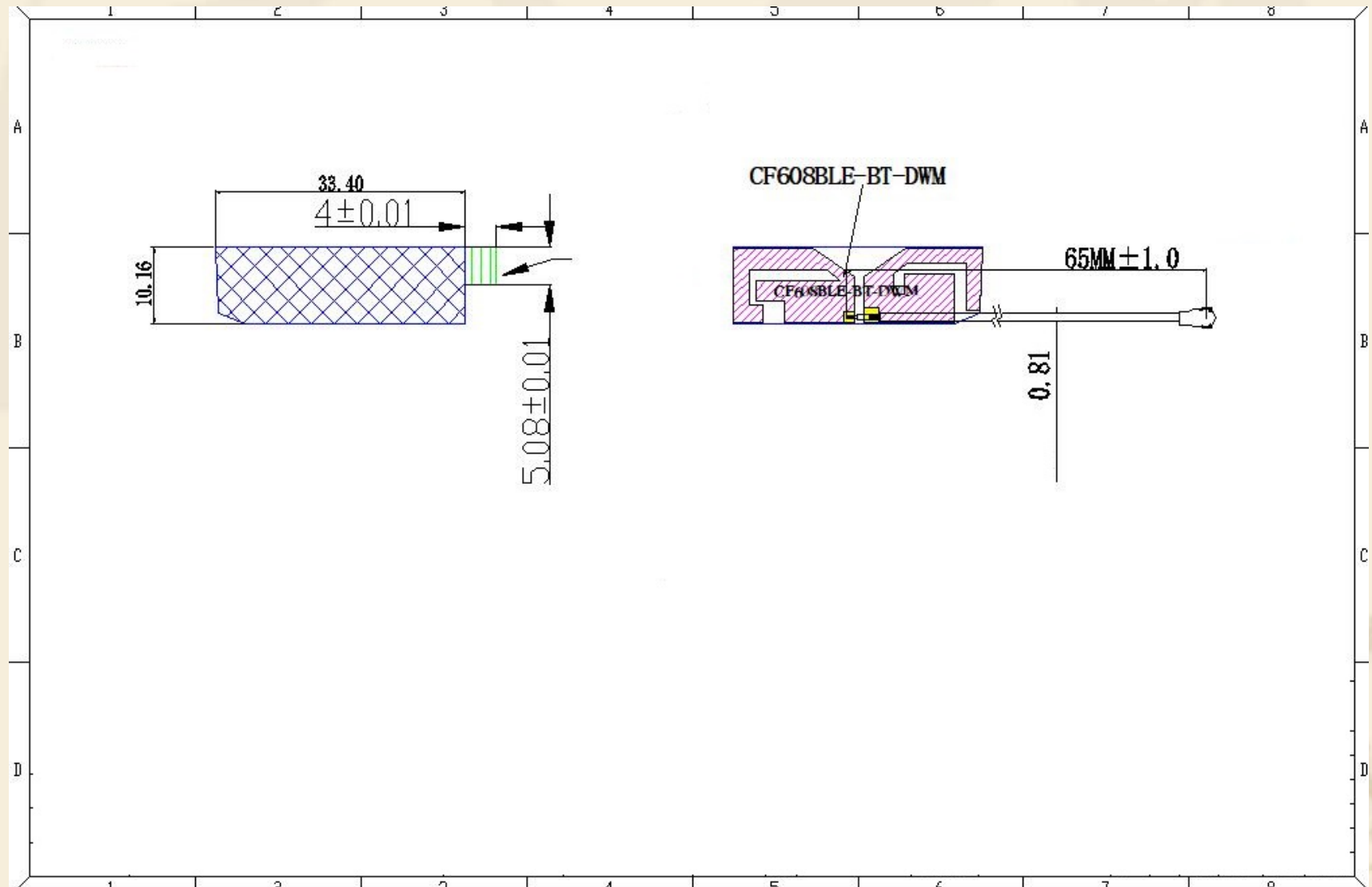
Antenna 3D Pattern(2450MHz):



Antenna 3D Pattern(2500MHz):



Engineering drawing:





Thanks for your support.

DWM Communication Equipment co.,ltd

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