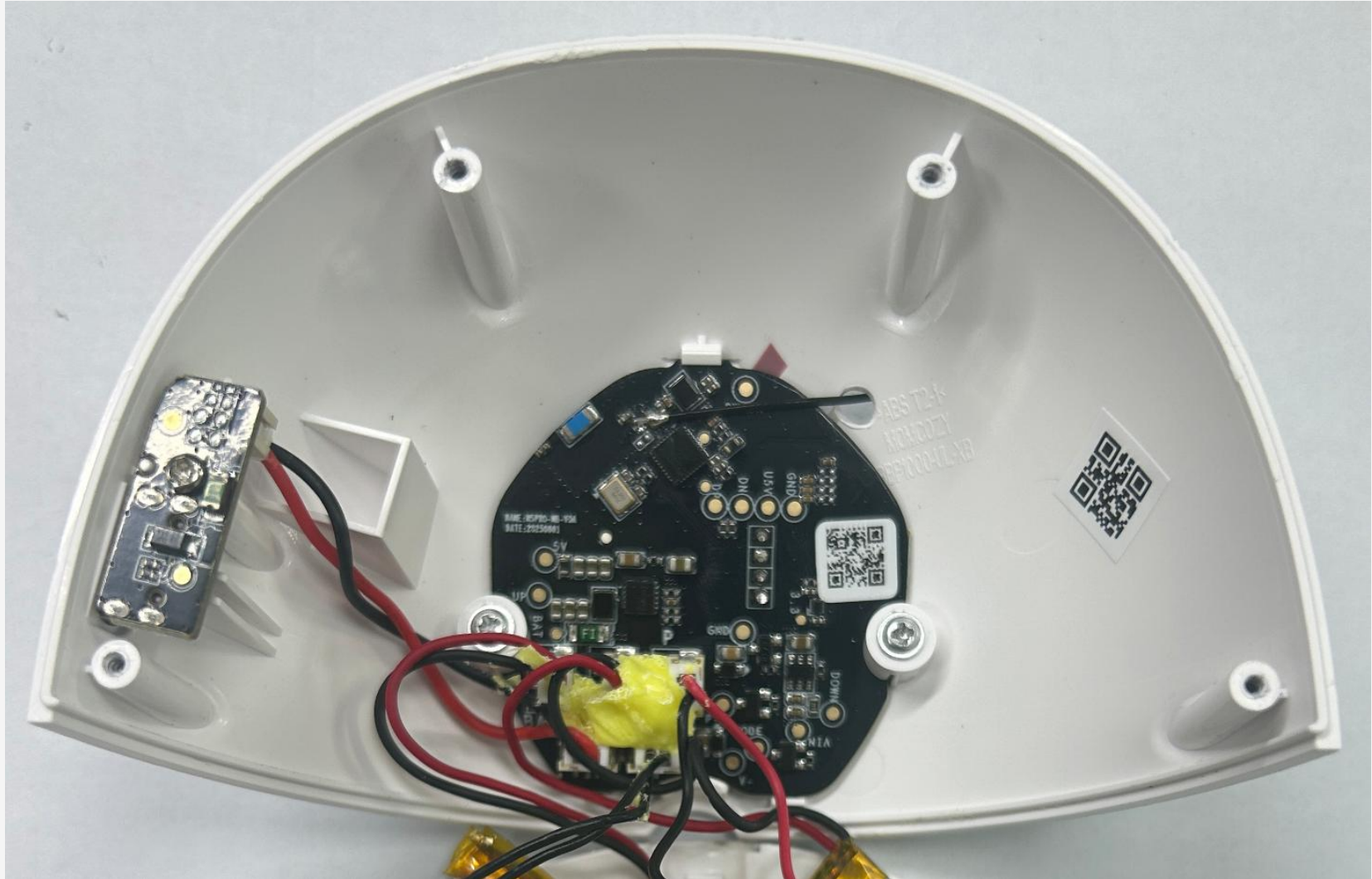


BT Antenna Test Report

Customer	momcozy	Project	M5PRO
Report Version	V1.0	Report Date	2025-08-26
Prepared by		Checked by	

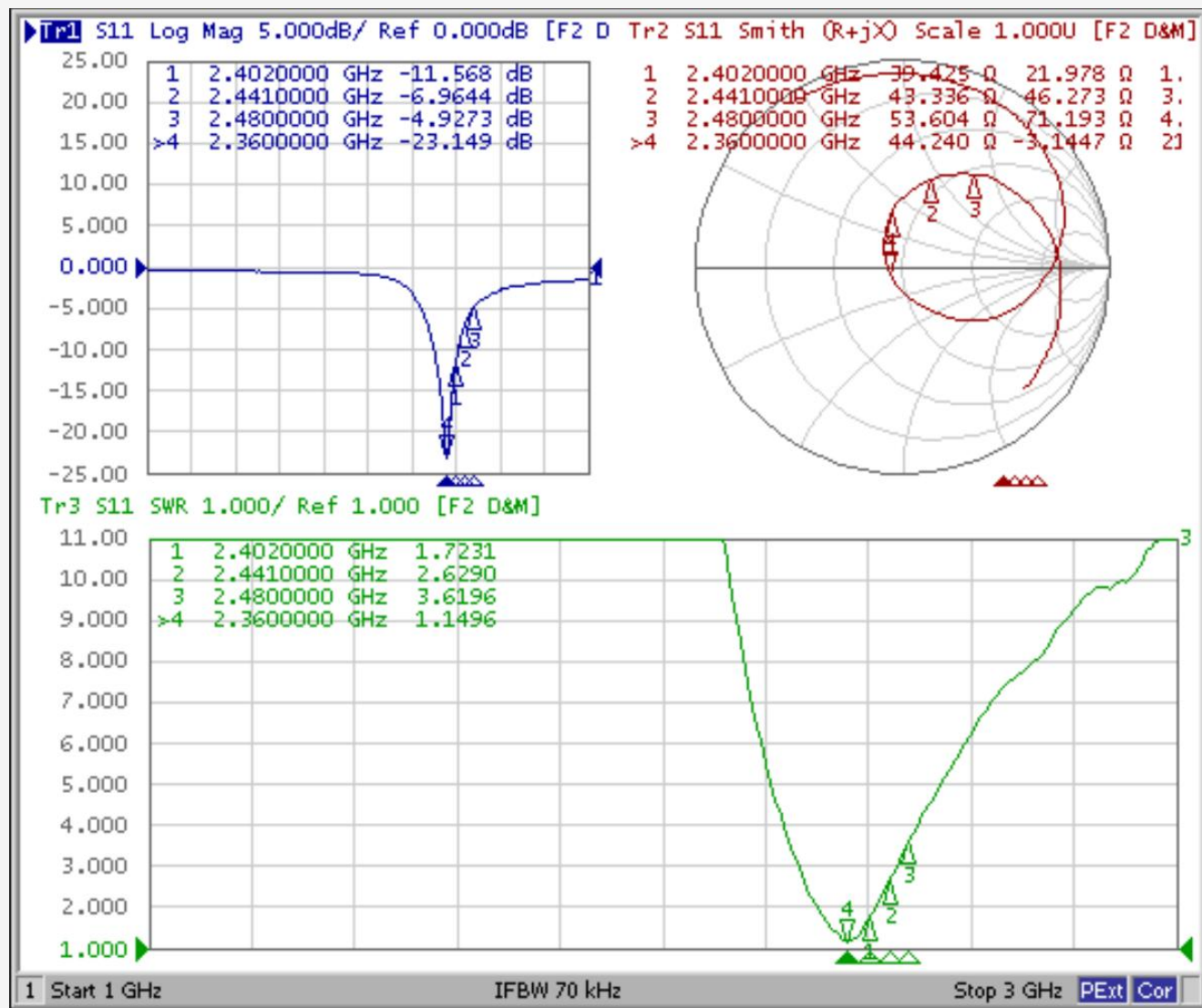


Matching circuit:

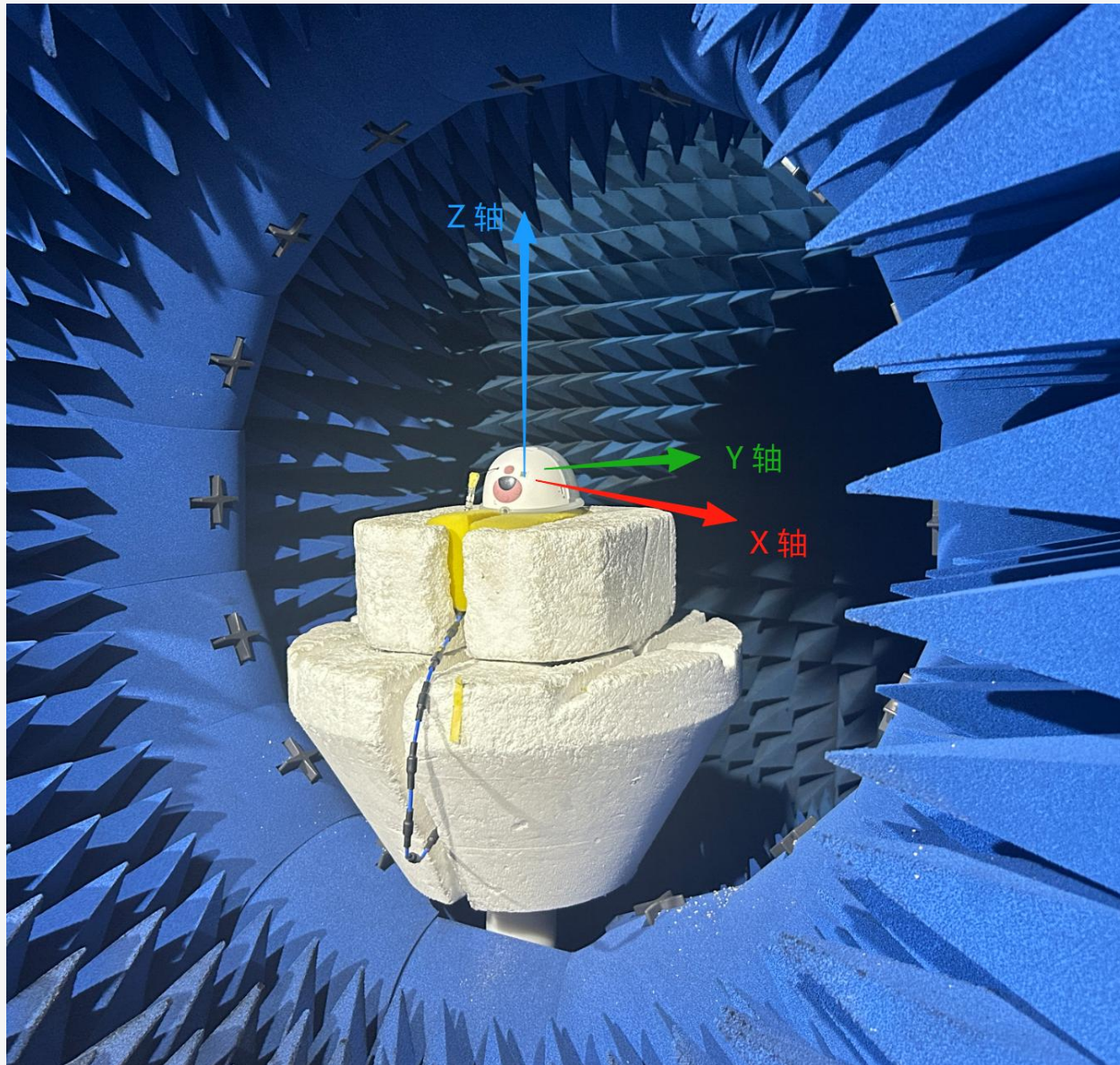


Antenna test results:

Complete machine data - antenna waveform diagram



Antenna testing environment:



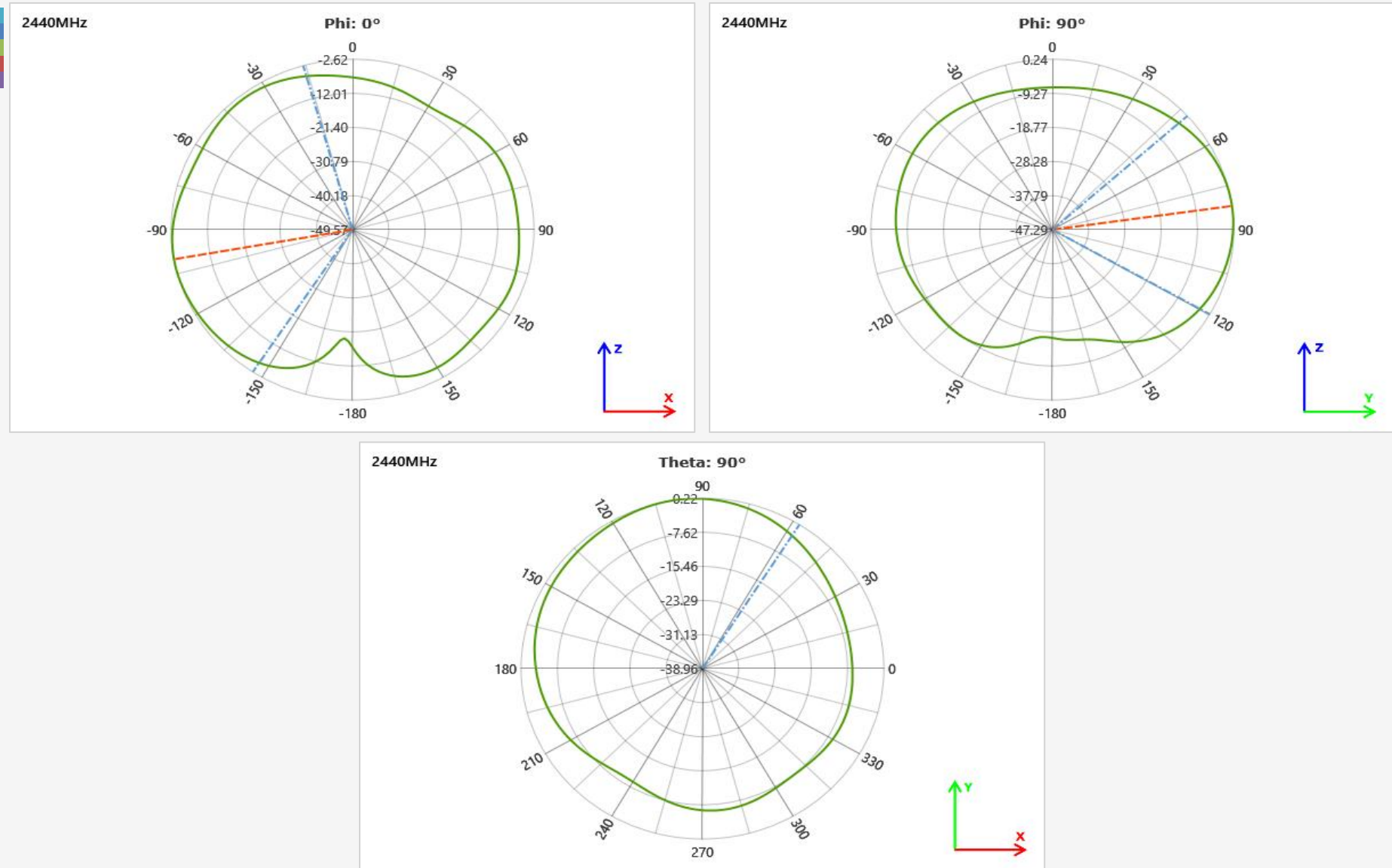
Antenna testing environment:

Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2250	-0.72	-5.41	28.79
2260	-0.28	-4.86	32.62
2270	0.14	-4.45	35.91
2280	0.66	-3.99	39.9
2290	1.23	-3.62	43.5
2300	1.63	-3.37	46.06
2310	1.87	-3.17	48.2
2320	1.94	-3.02	49.88
2330	1.86	-2.92	51.09
2340	1.88	-2.9	51.33
2350	1.93	-2.89	51.36
2360	1.85	-2.95	50.69
2370	1.56	-3.1	49.01
2380	1.43	-3.22	47.68
2390	1.44	-3.33	46.47
2400	1.39	-3.51	44.61
2410	1.05	-3.83	41.44
2420	0.65	-4.13	38.6
2430	0.53	-4.32	36.96
2440	0.35	-4.6	34.71
2450	0.14	-4.79	33.19
2460	-0.12	-5.01	31.53
2470	-0.4	-5.31	29.47
2480	-0.57	-5.47	28.4
2490	-0.76	-5.58	27.68
2500	-1.12	-5.86	25.97
2510	-1.55	-6.06	24.79
2520	-1.74	-6.02	25.03
2530	-2.11	-6.13	24.4
2540	-2.67	-6.28	23.55
2550	-2.89	-6.29	23.47



Antenna passive efficiency pattern diagram:

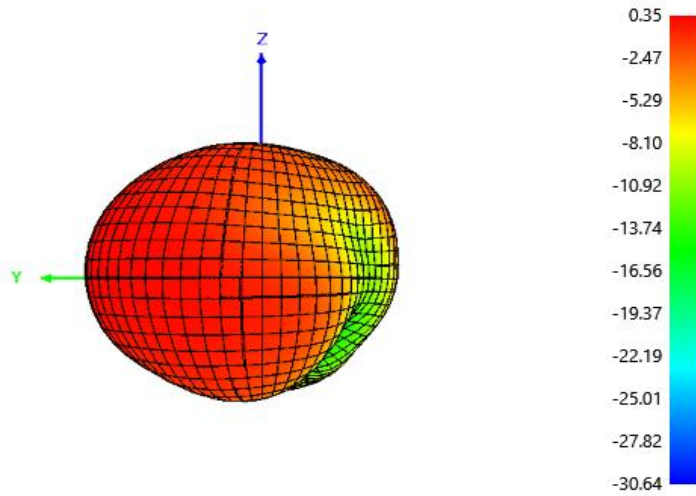
2440MHz



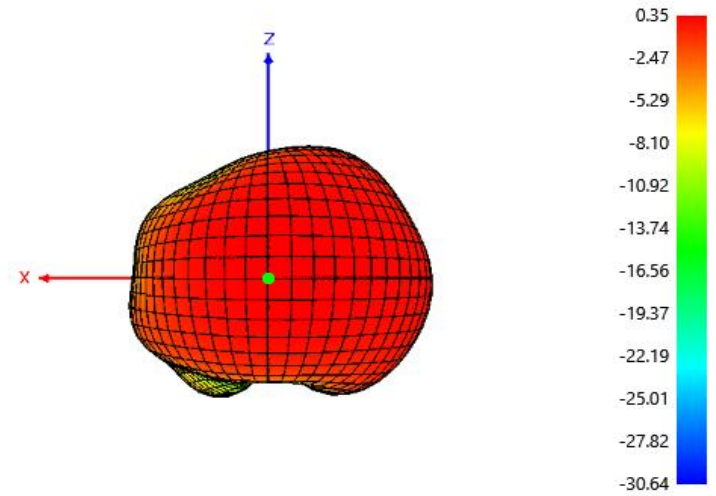
Antenna passive efficiency pattern diagram:

2440MHz

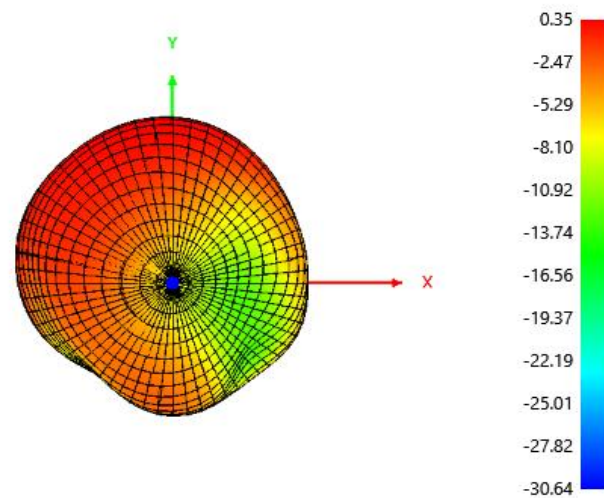
Freq: 2440MHz (XNegative)



Freq: 2440MHz (YPositive)



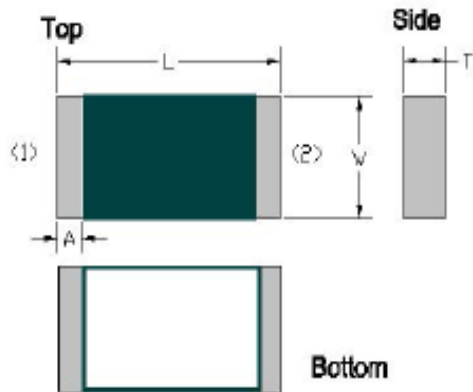
Freq: 2440MHz (ZPositive)



Antenna Dimensions (unit: mm)

a. Antenna Dimensions

Dimension and Terminal Configuration



Dimension (mm)	
L	3.15 $\pm$ 0.15
W	1.55 $\pm$ 0.15
T	0.50 $\pm$ 0.10
A	0.35 $\pm$ 0.10

No.	Terminal Name
1	Feeding point
2	GND



Thanks
for
watching

