



Antenna Test Report

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Tester : Zhou Yingjie

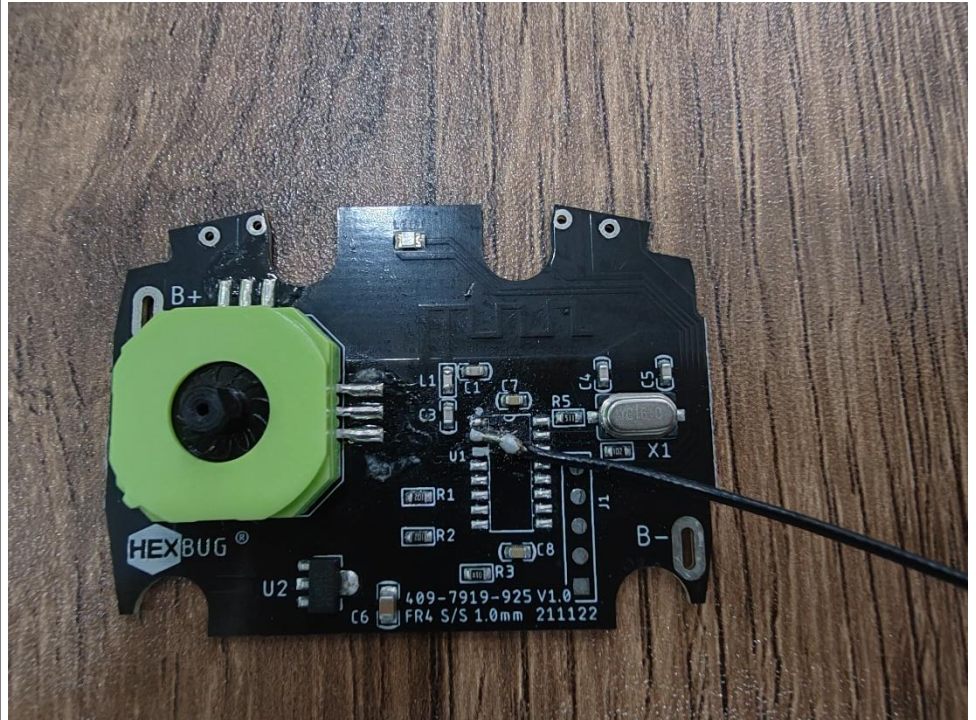
Approval : Chen Guoqiang

Date : 2023 / 07 / 21



1. Device Profile

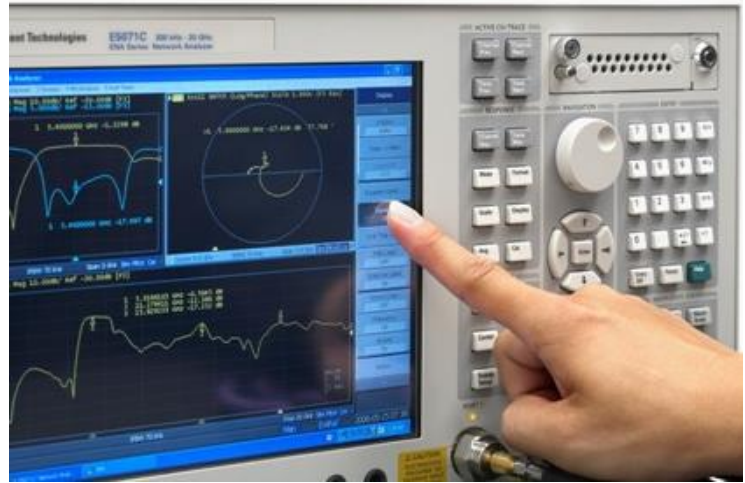
Device





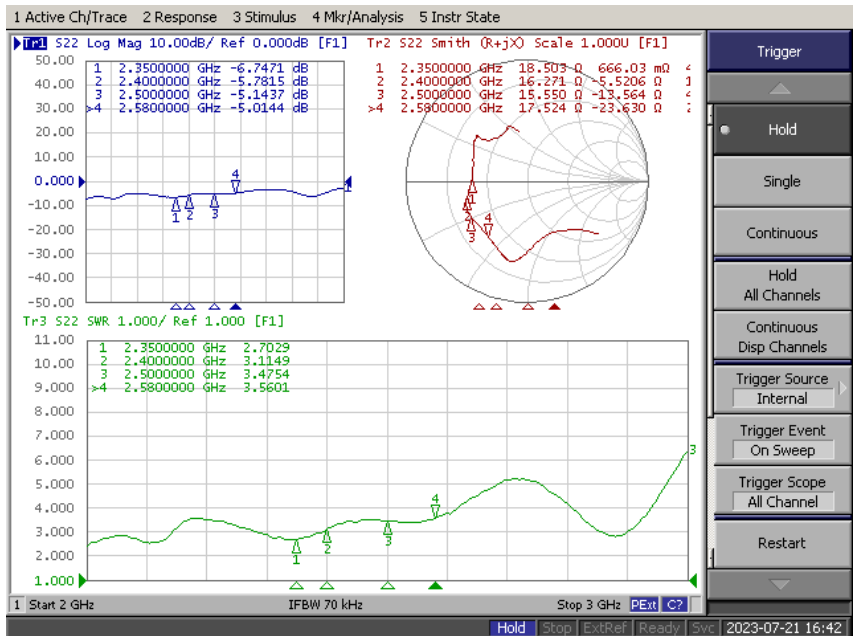
2. Antenna Performance Test

**Agilent
E5071B**

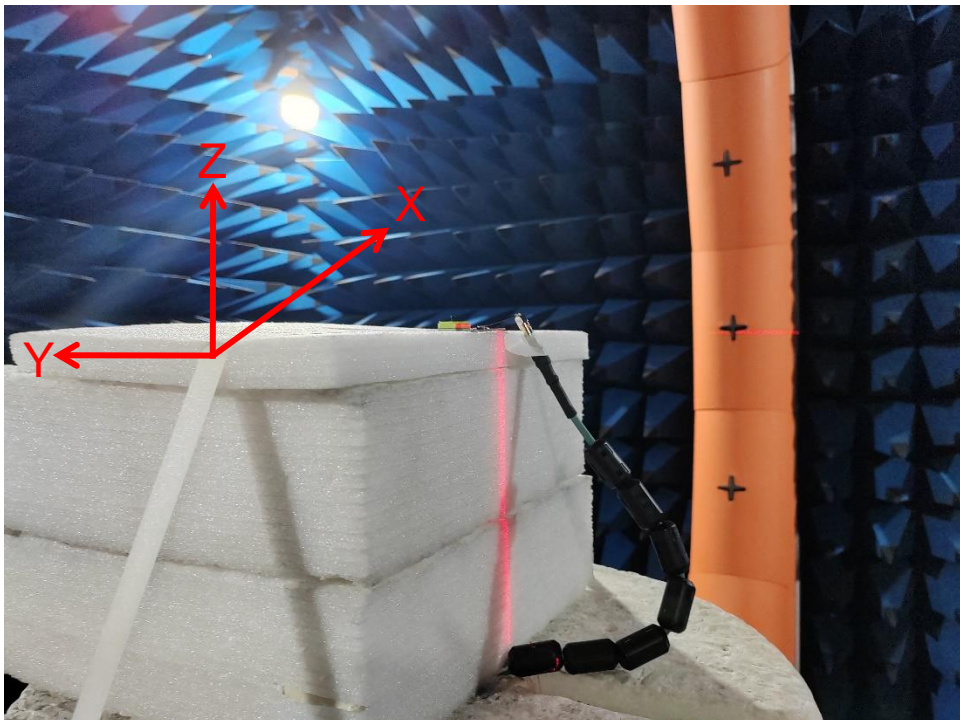
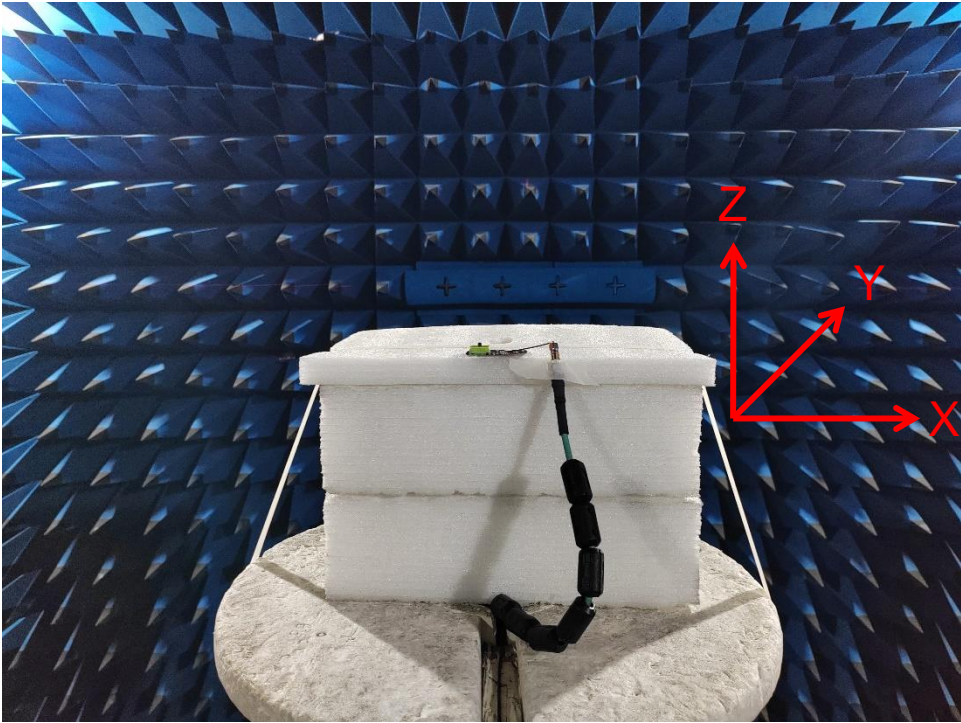


**S
Parameter
Test //**

Antenna



3. *Antenna Passive Test*





Passive Test For Antenna

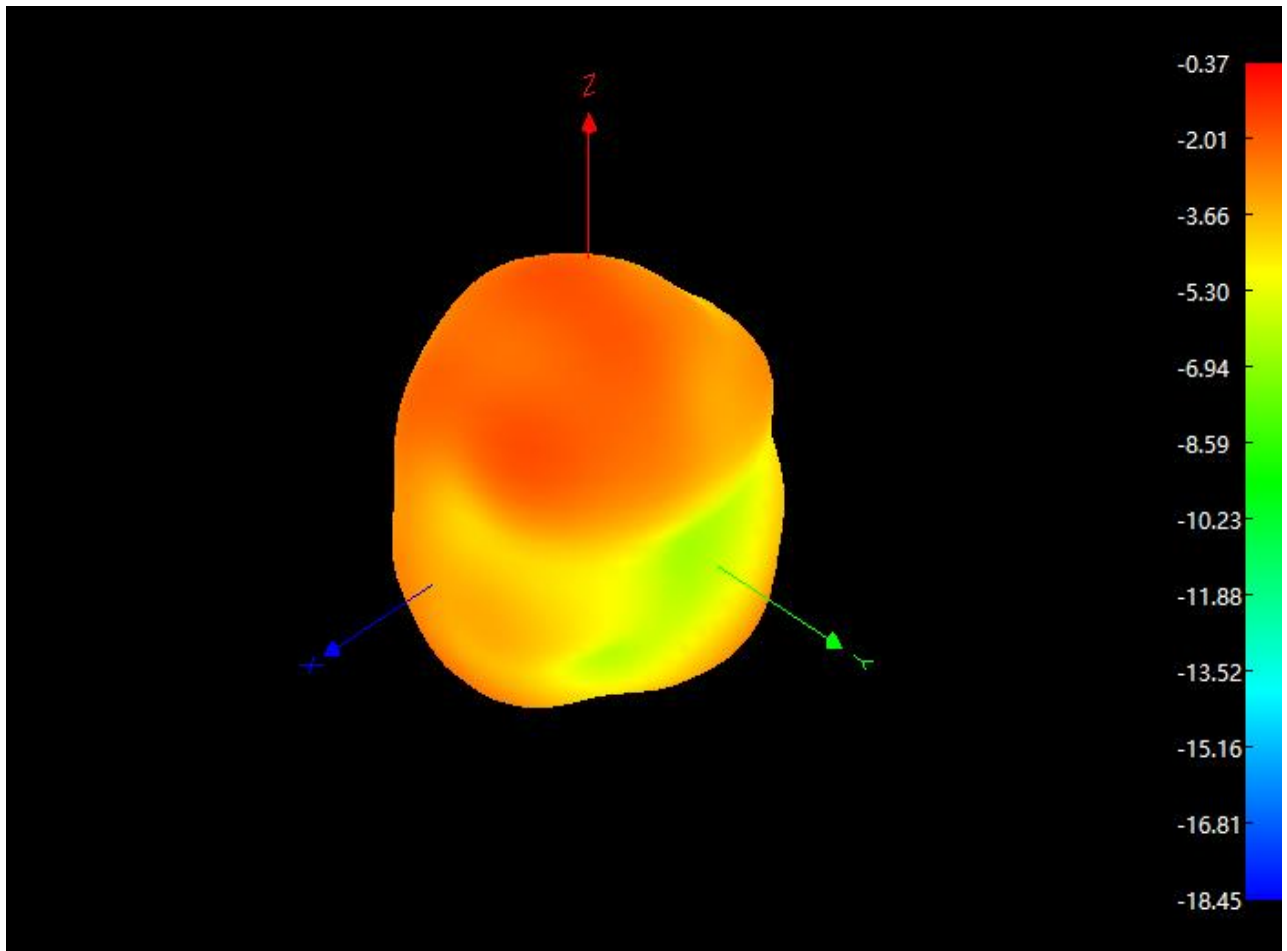
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2350	29.9	-5.2	0.5
2360	29.2	-5.3	0.4
2370	27.9	-5.5	0.1
2380	25.6	-5.9	-0.3
2390	25.4	-6.0	-0.3
2400	25.2	-6.0	-0.4
2410	25.0	-6.0	-0.4
2420	24.5	-6.1	-0.6
2430	25.2	-6.0	-0.5
2440	25.5	-5.9	-0.6
2450	25.2	-6.0	-0.6
2460	23.3	-6.3	-1.0



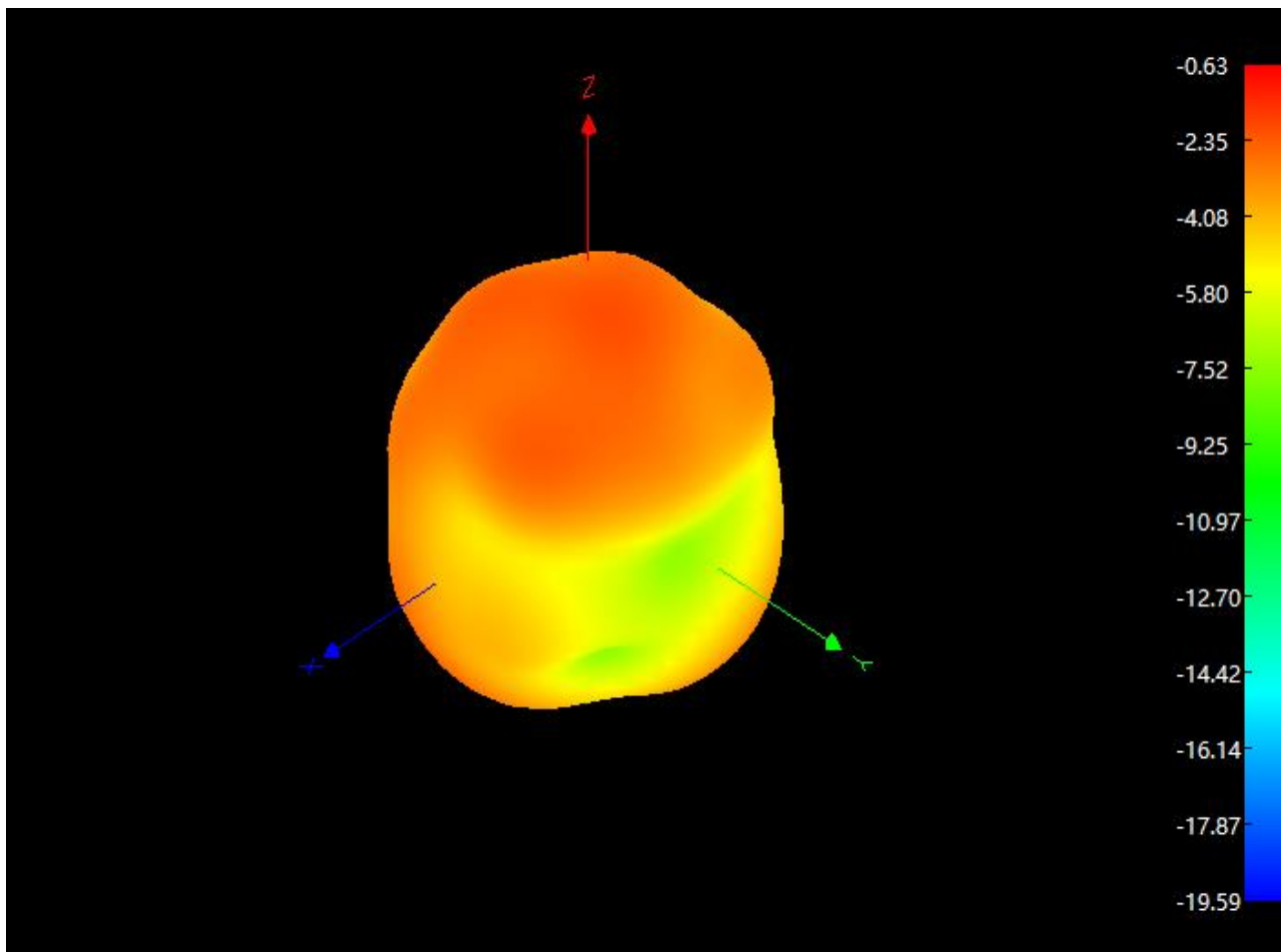
Passive Test For Antenna

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2470	24.9	-6.0	-0.6
2480	24.5	-6.1	-0.9
2490	25.1	-6.0	-0.6
2500	24.0	-6.2	-0.9
2510	24.8	-6.1	-0.5
2520	23.1	-6.4	-1.0
2530	23.1	-6.4	-0.7
2540	22.1	-6.6	-1.1
2550	22.2	-6.5	-0.9
2560	20.6	-6.9	-1.4
2570	20.2	-6.9	-1.2
2580	19.7	-7.1	-1.4

Radiation Pattern For Antenna(2400MHz)

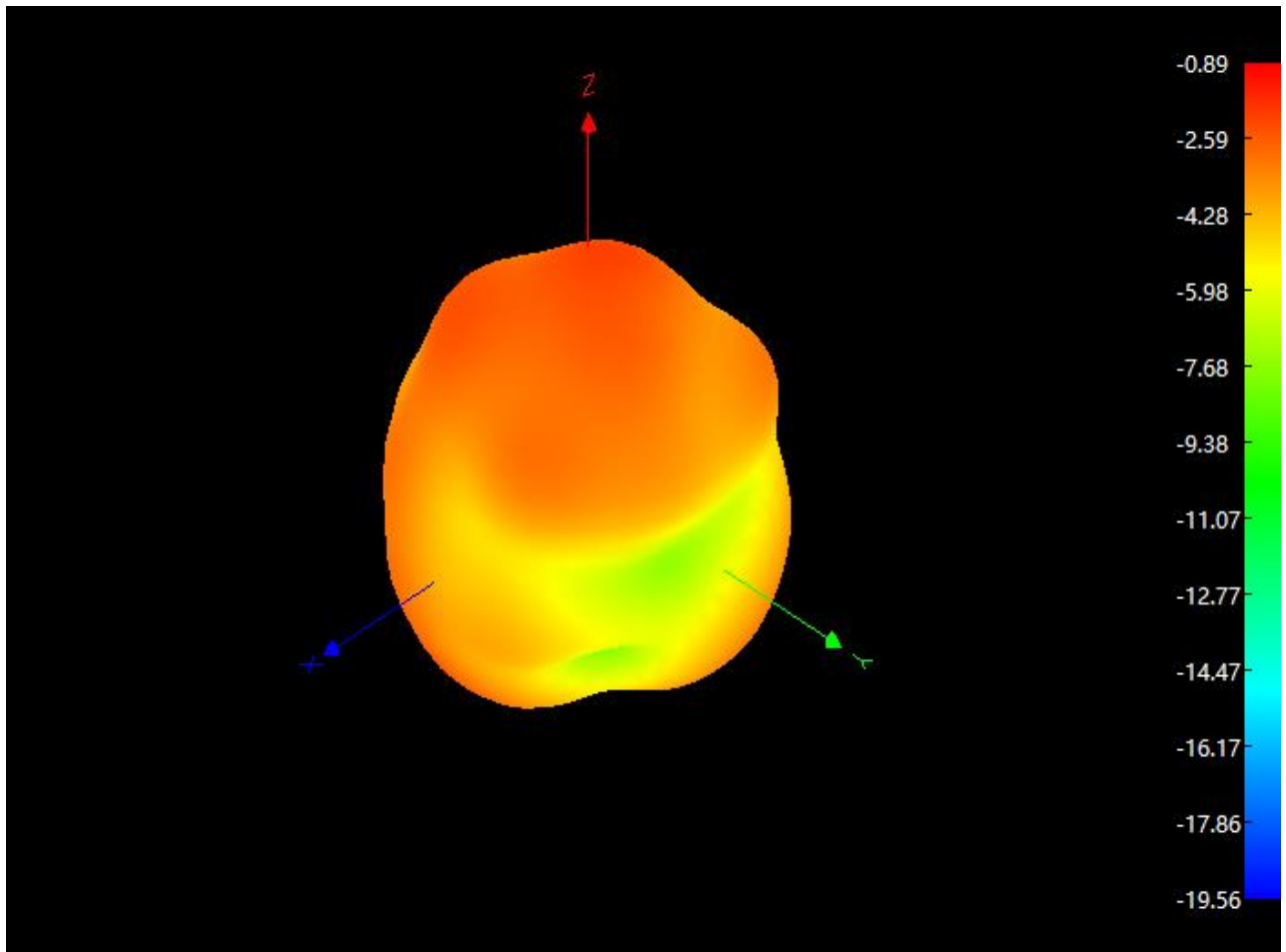


Radiation Pattern For Antenna(2440MHz)





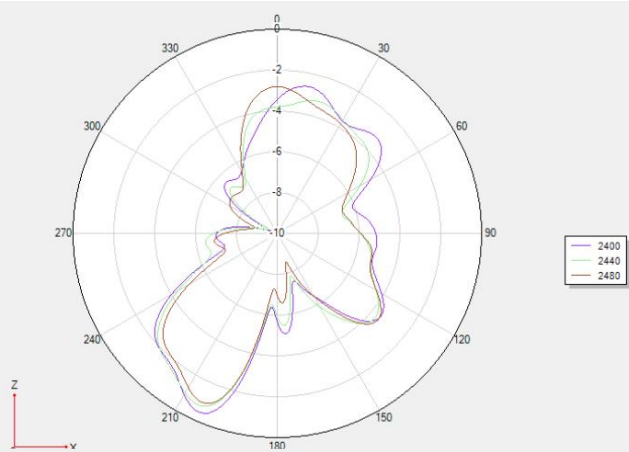
Radiation Pattern For Antenna(2480MHz)



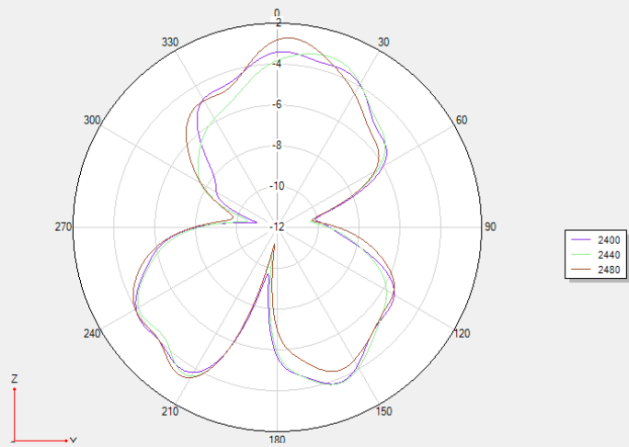


Radiation Pattern For Antenna(2.35-2.58G)

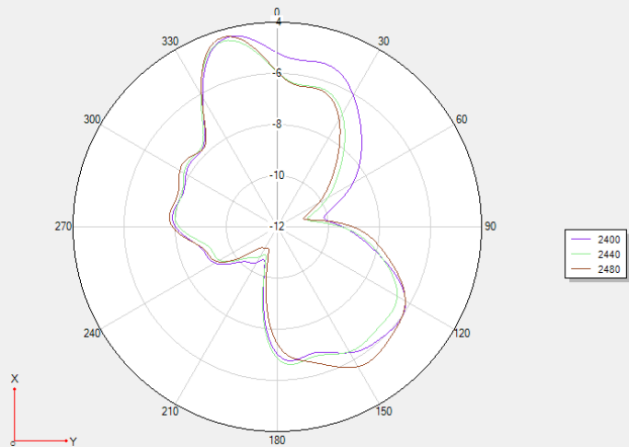
Phi 0°



Phi 90°



Theta 90°





4. Assembly Picture

