

## RC220BPRO Antenna test report

### 1. Test Equipment & Condition

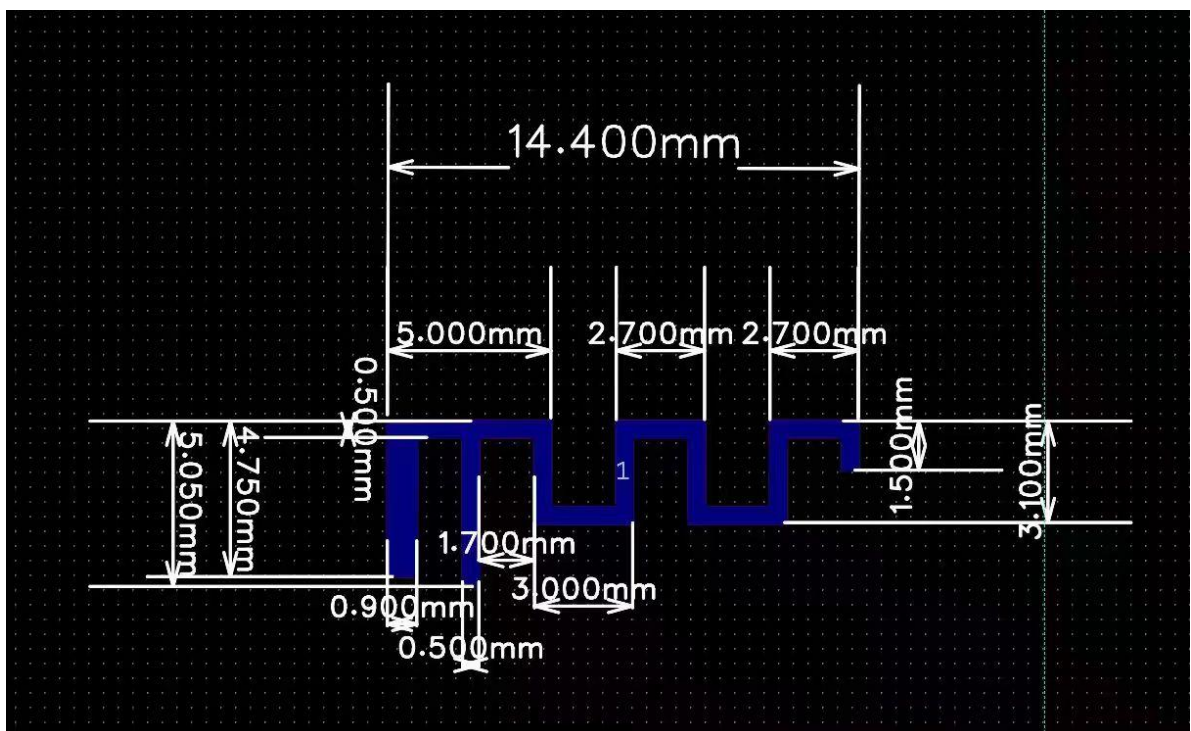
1.1 Network Analyzers : KEYSIGHT P5002A

1.2. Communications Test Set: R&S CMW500

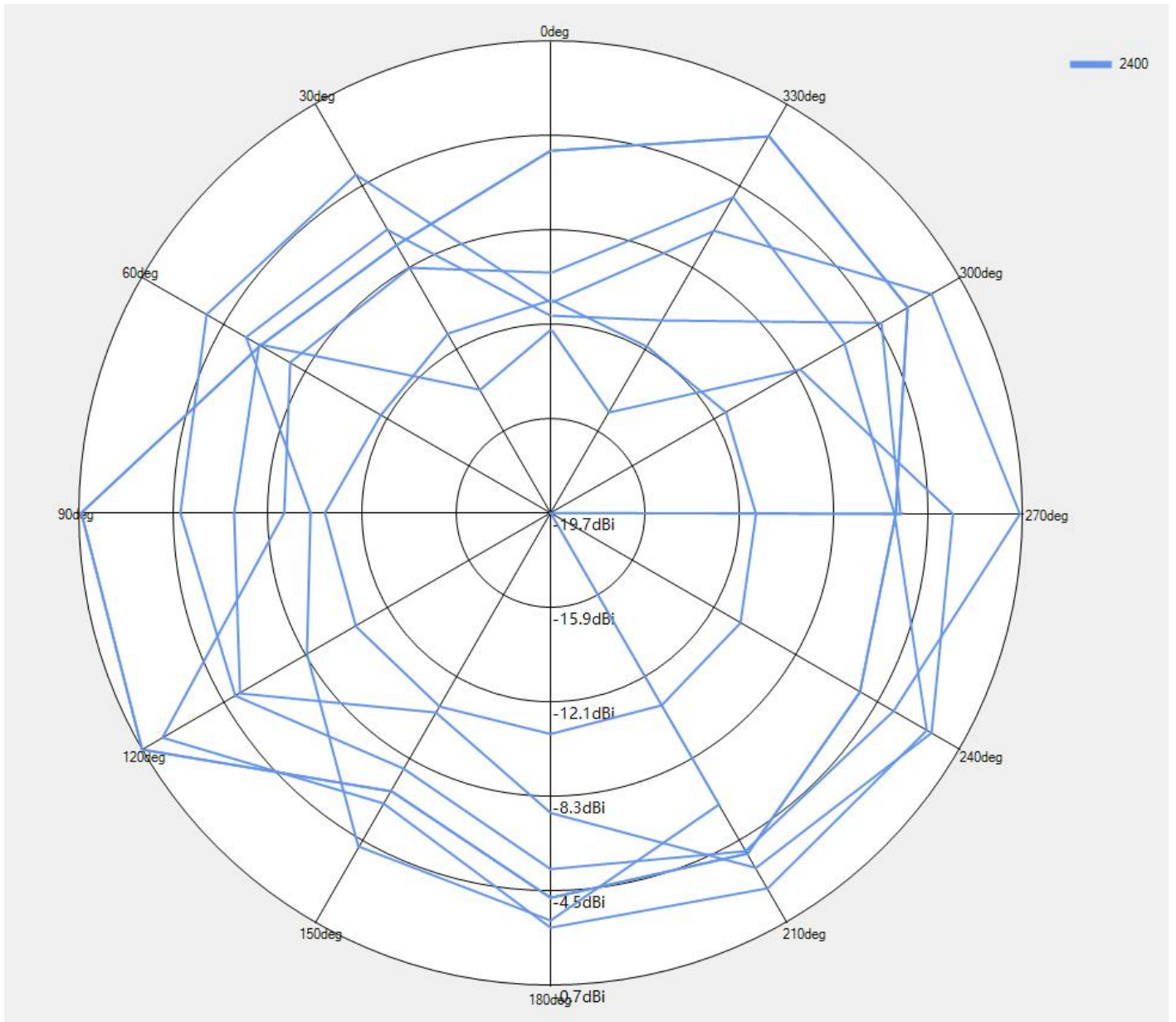
1.3 3D Chamber Test System:64Probe testingsystem

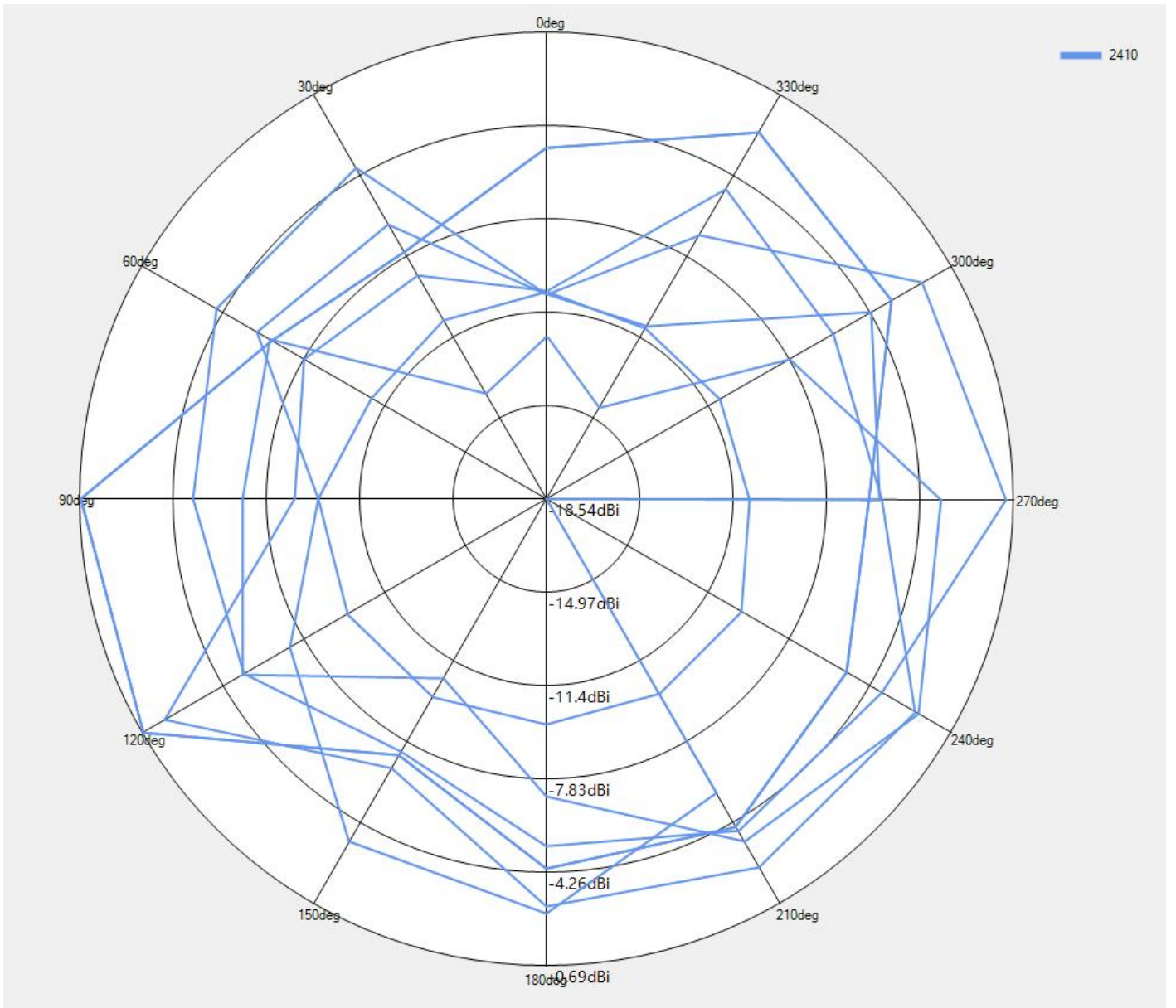


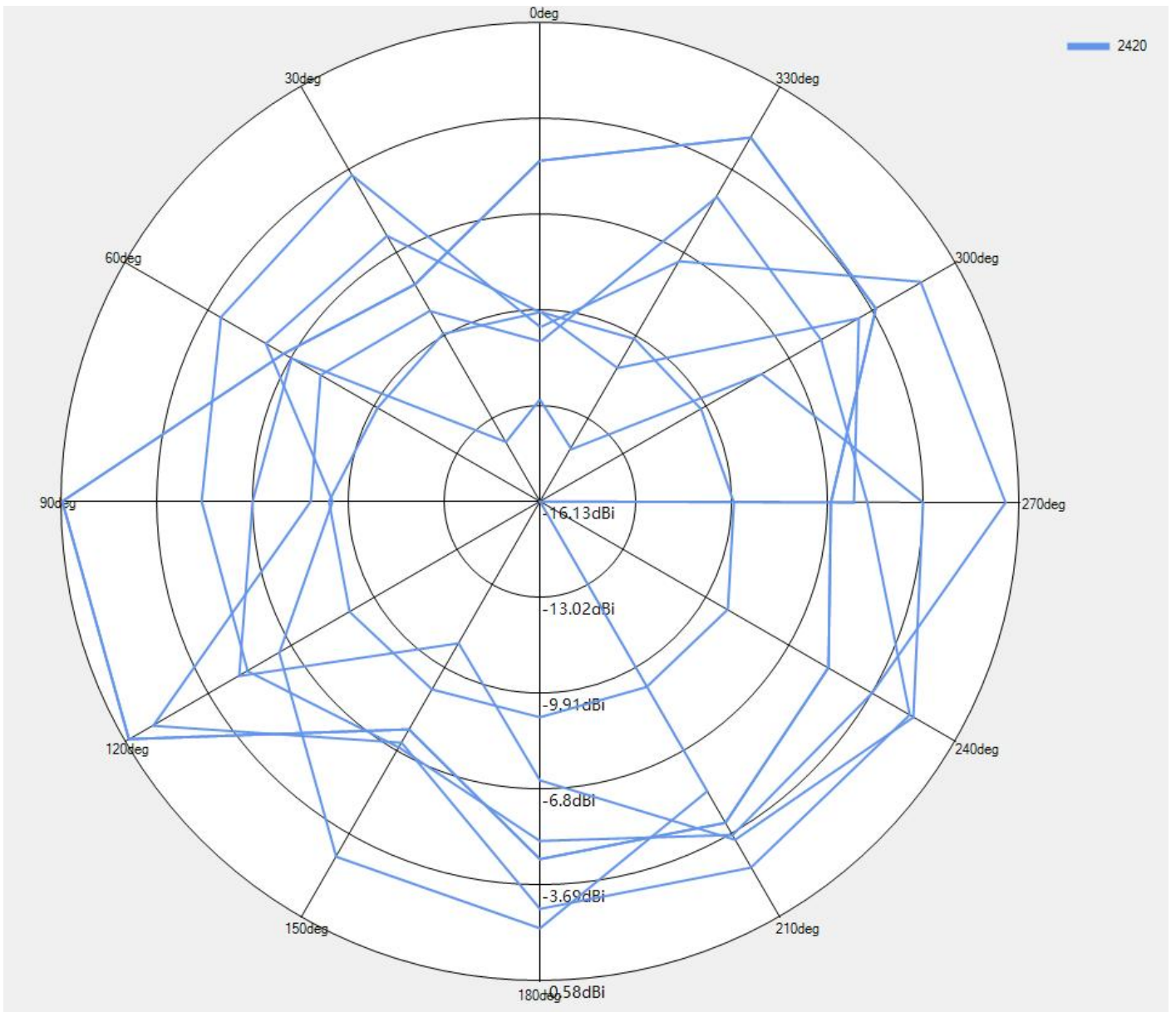
## 2. Mechanical instruction

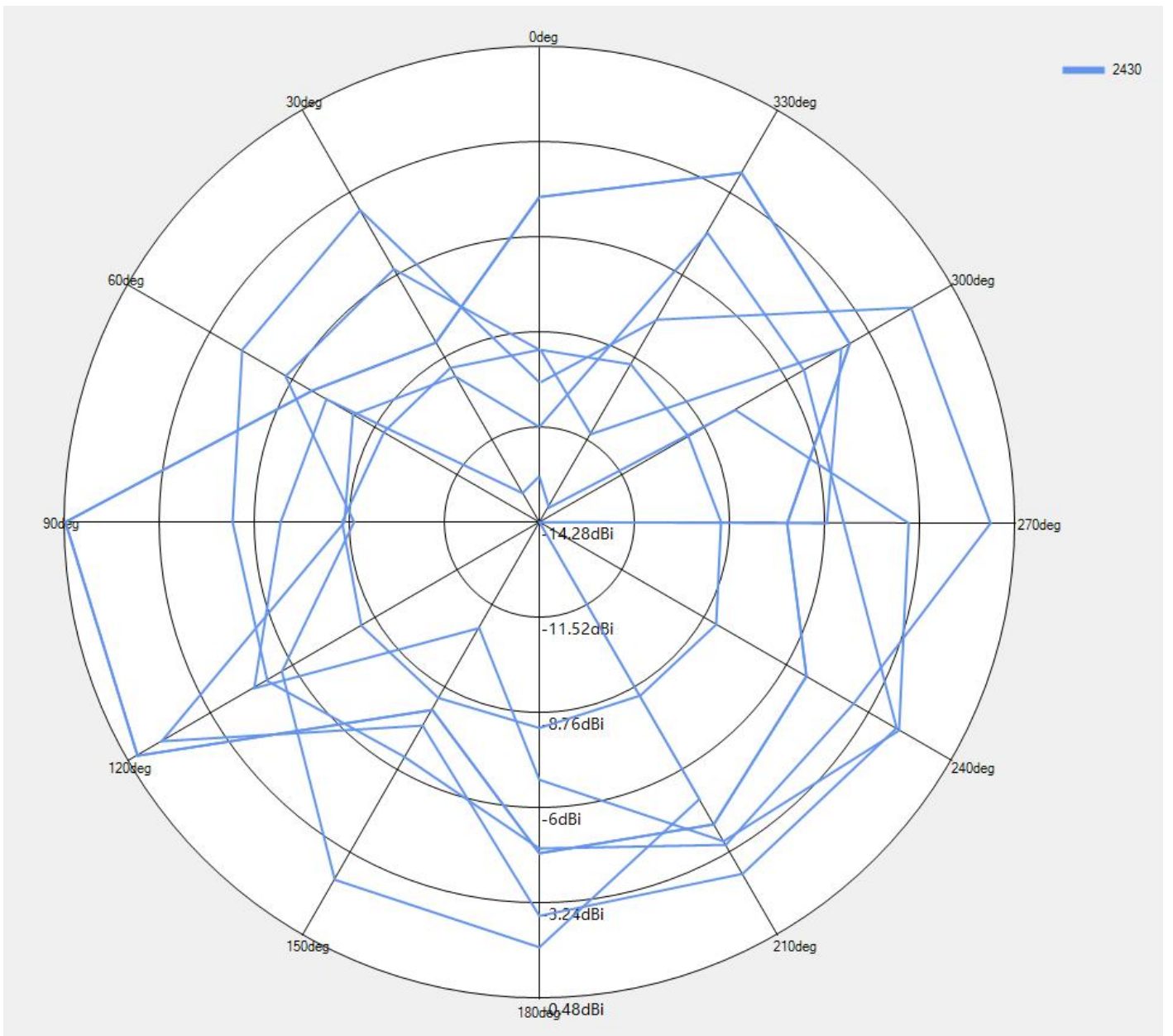


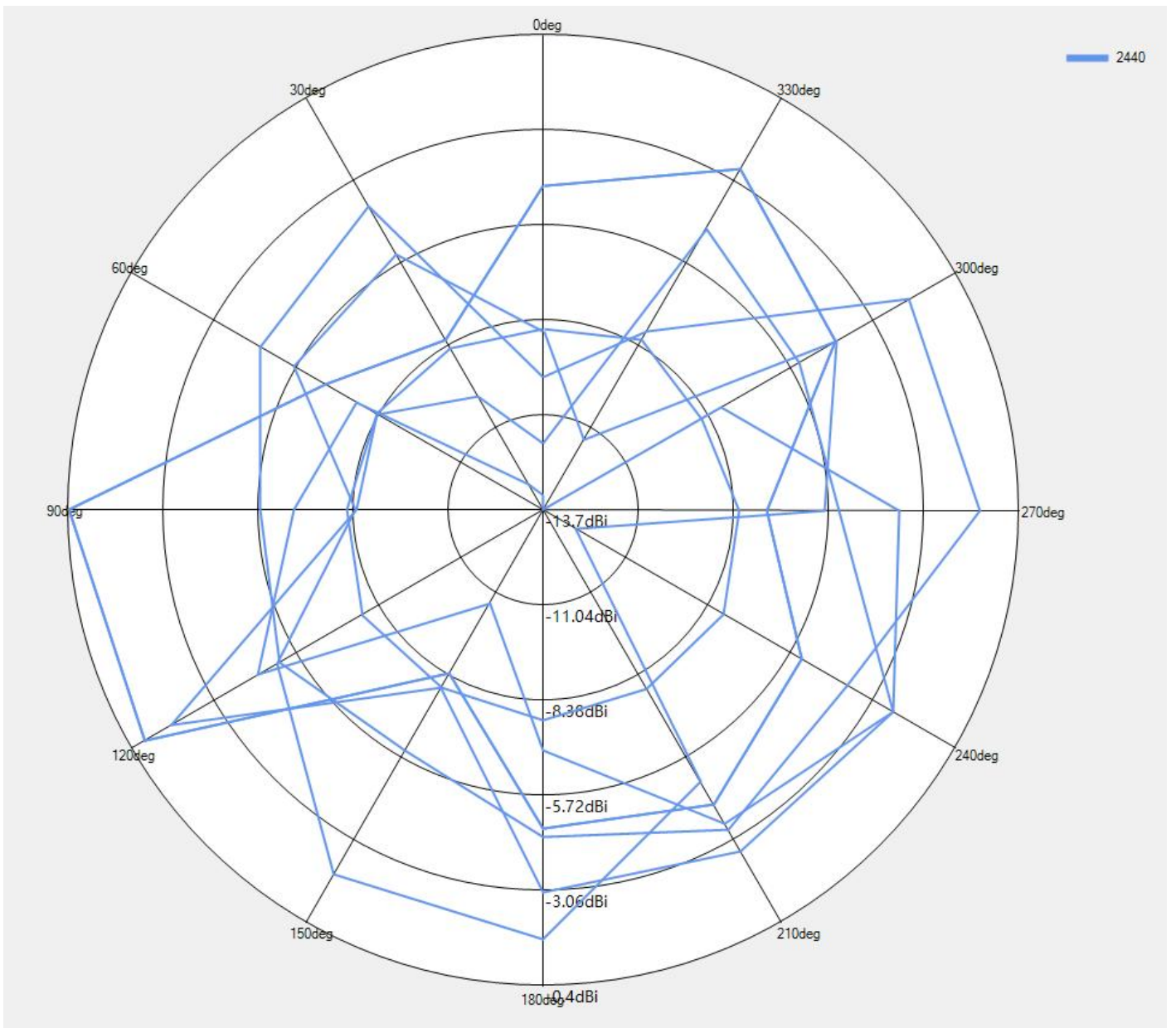
### 3. 2D direction diagram

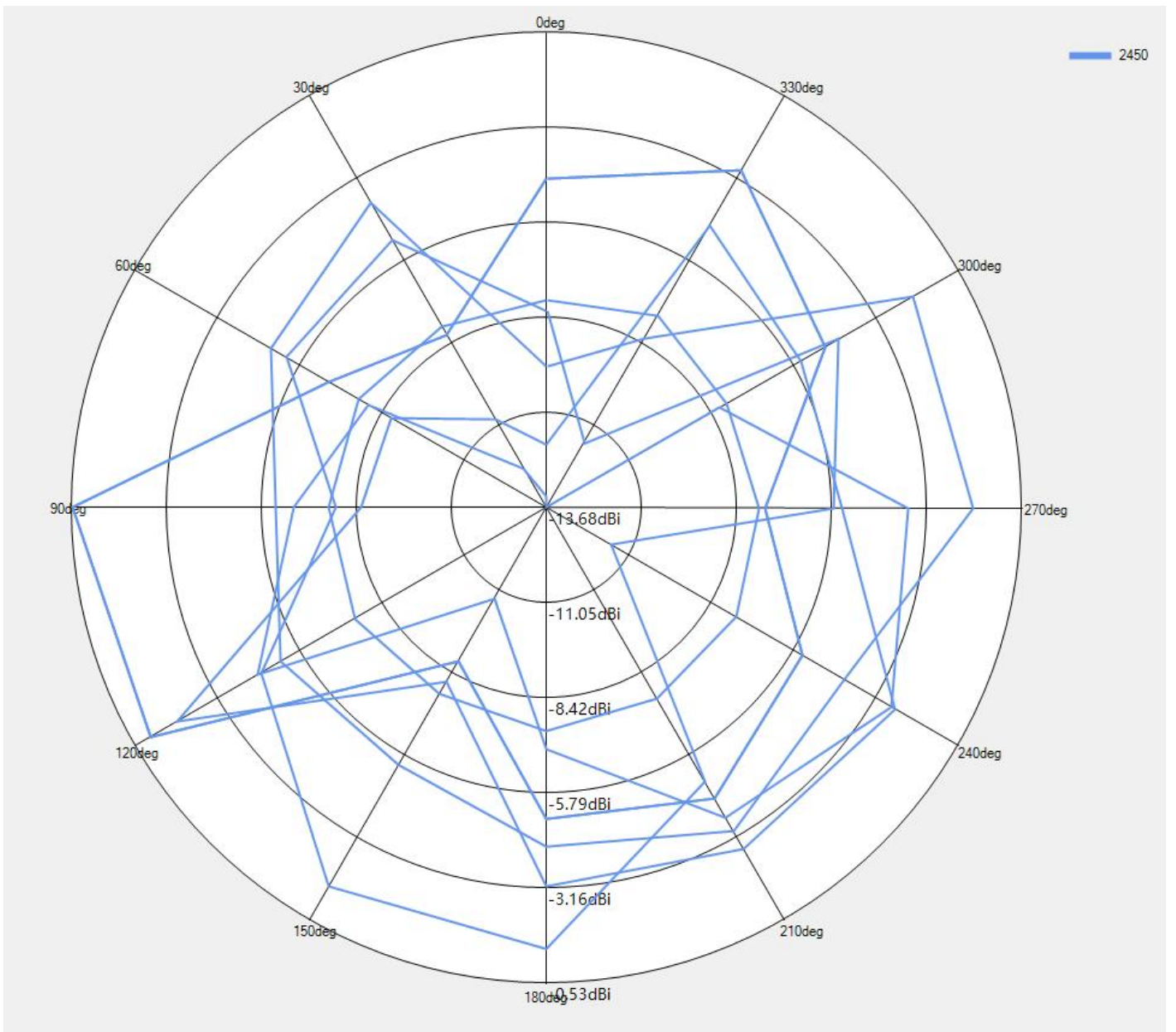




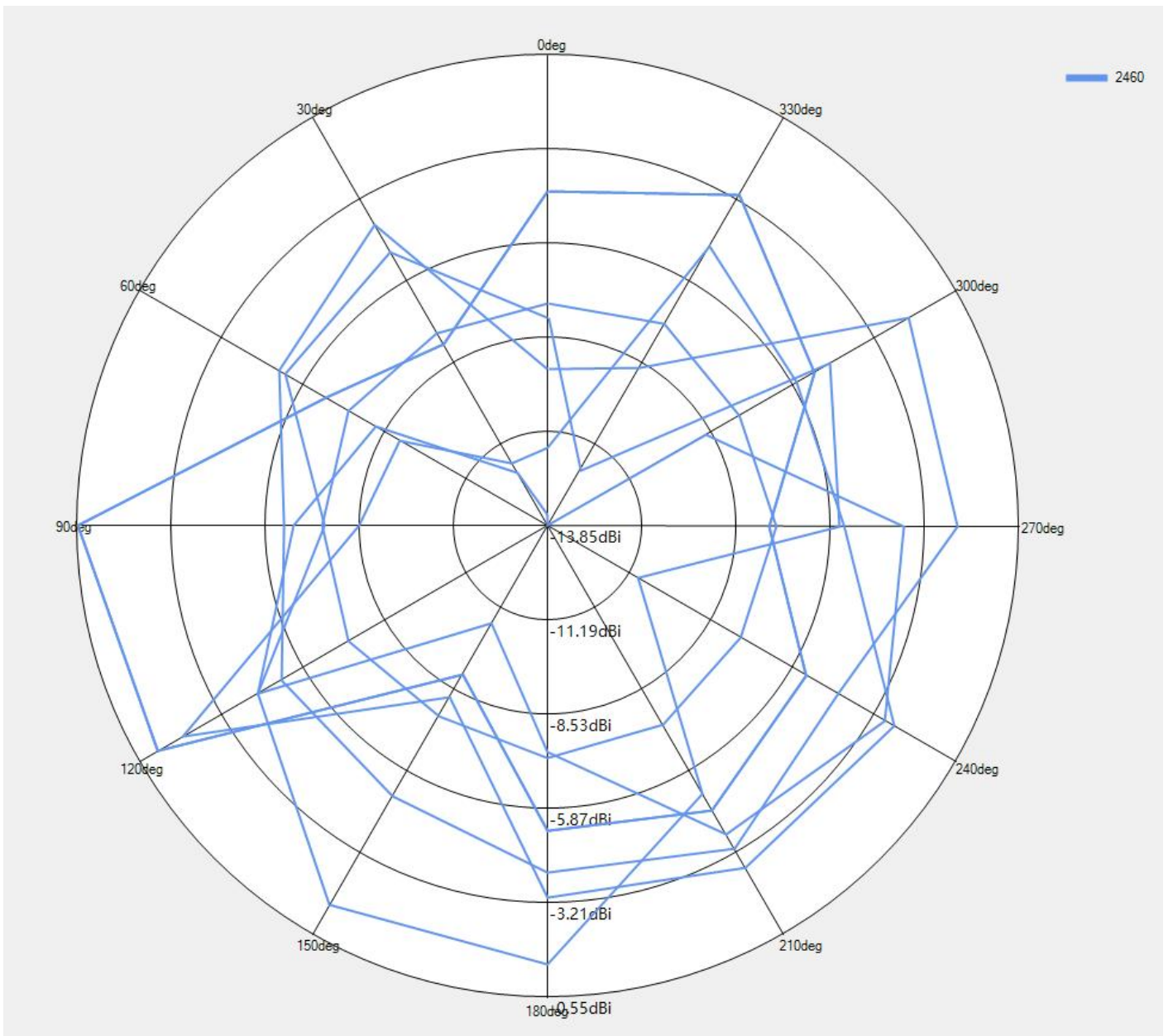


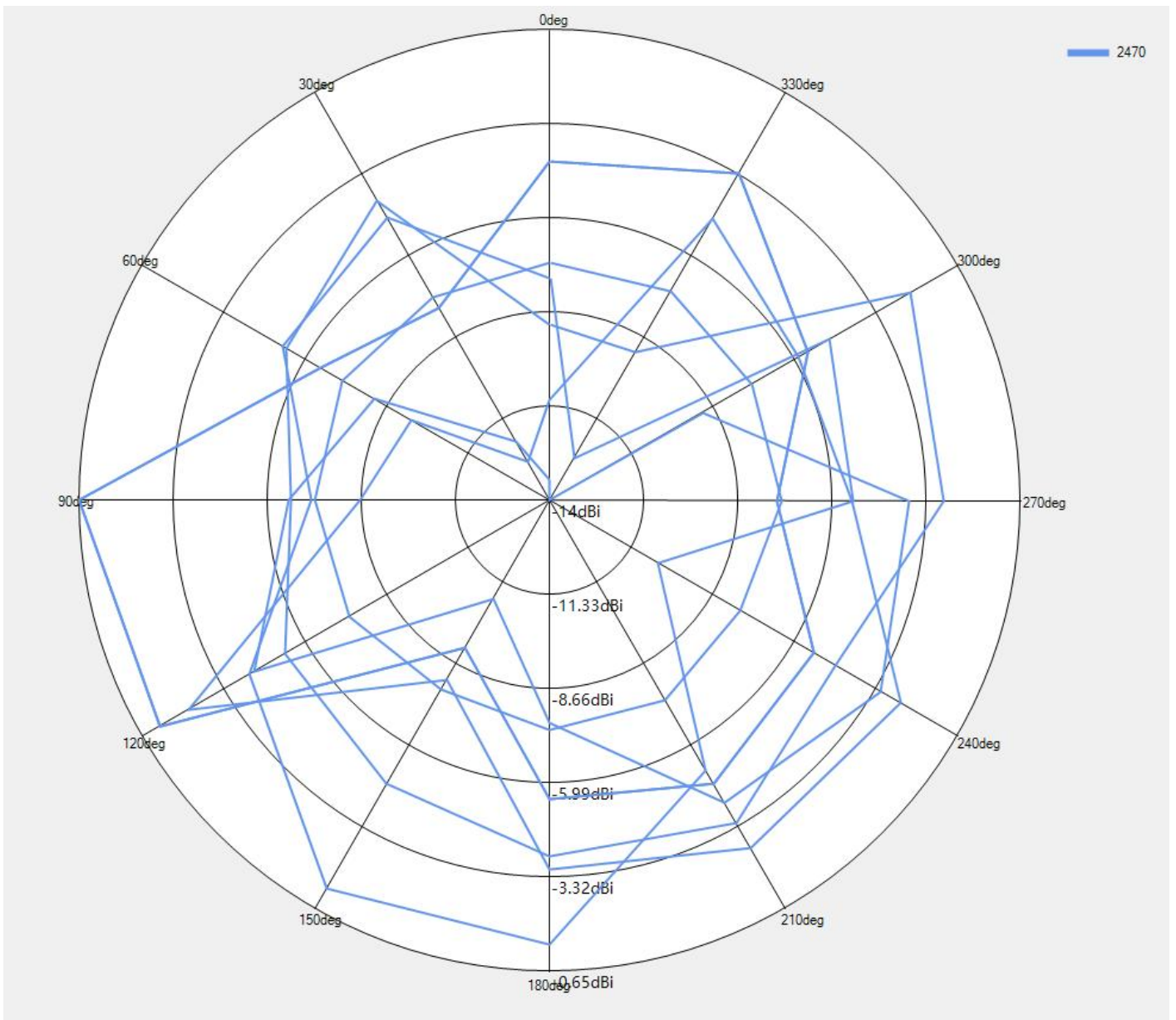


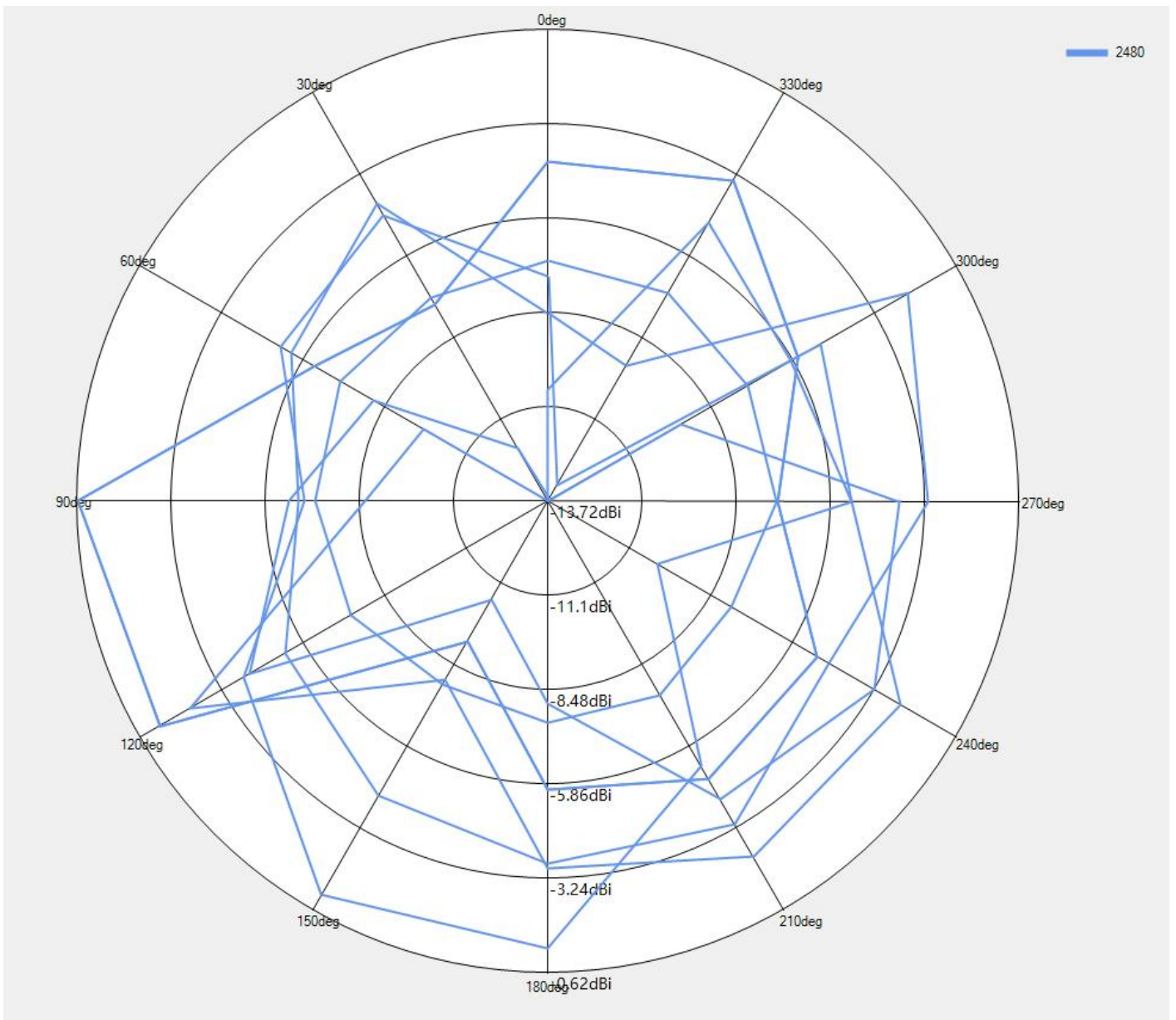


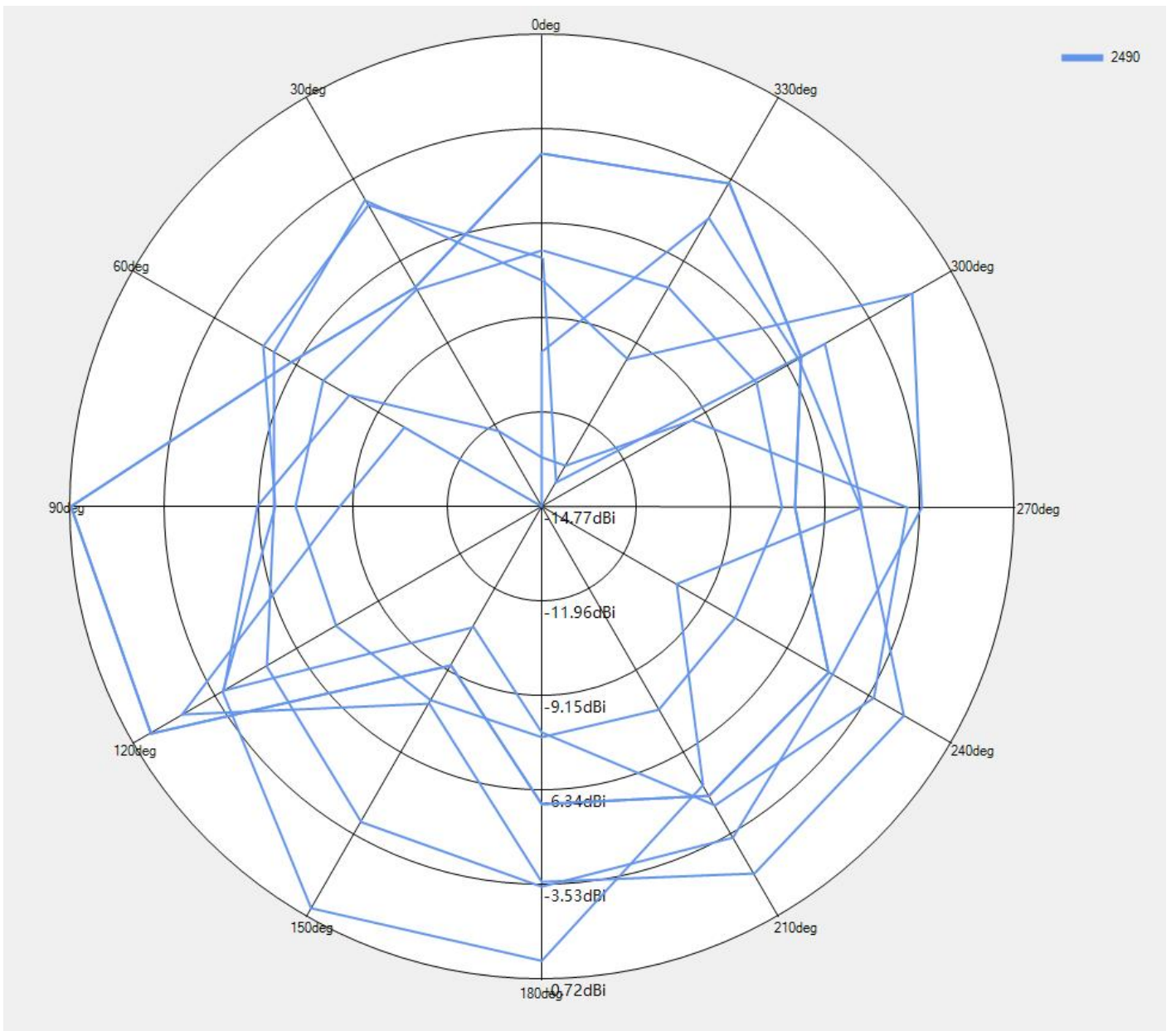


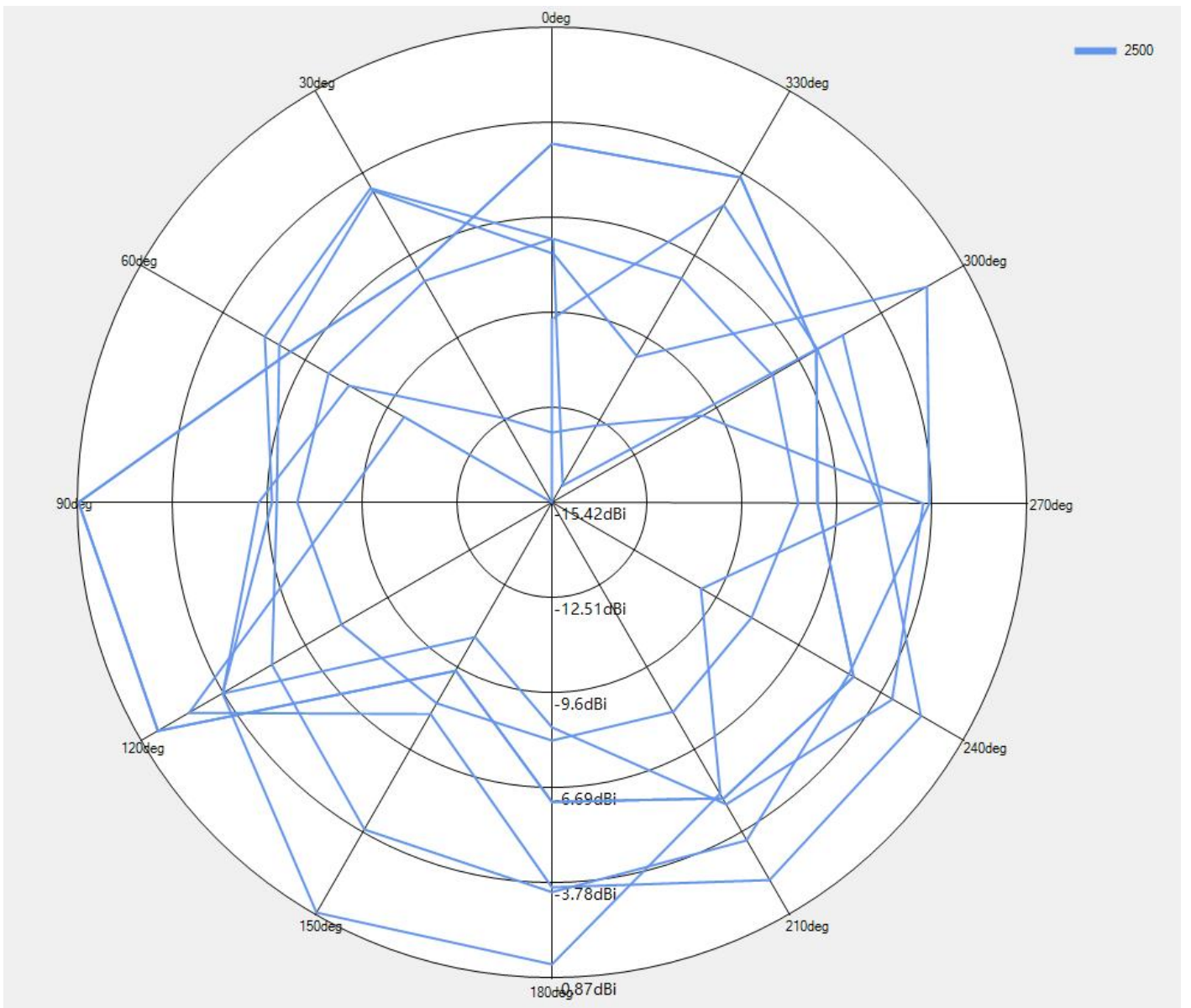






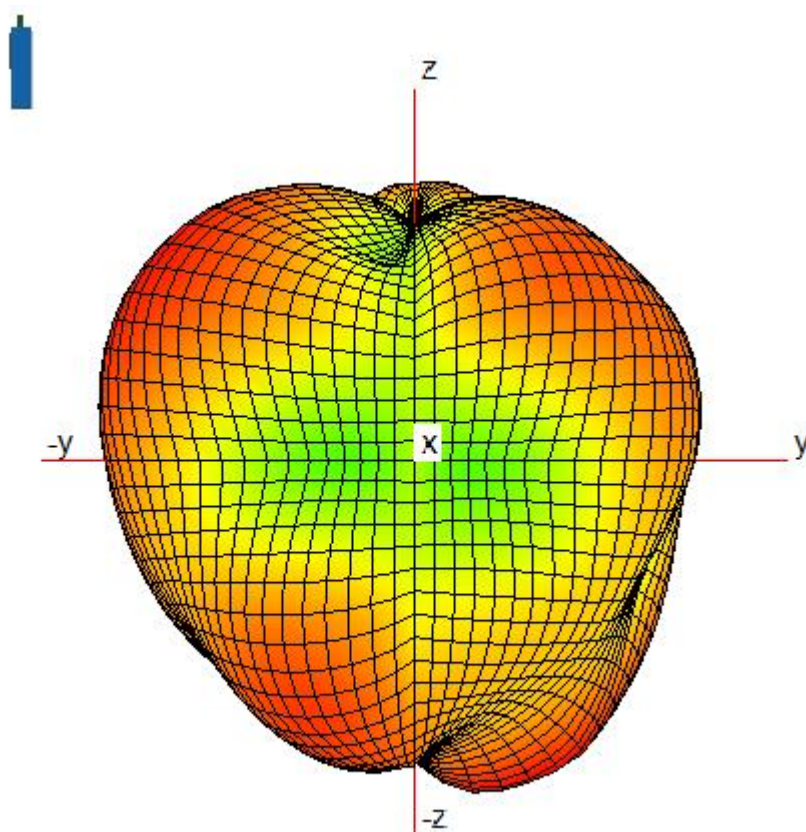




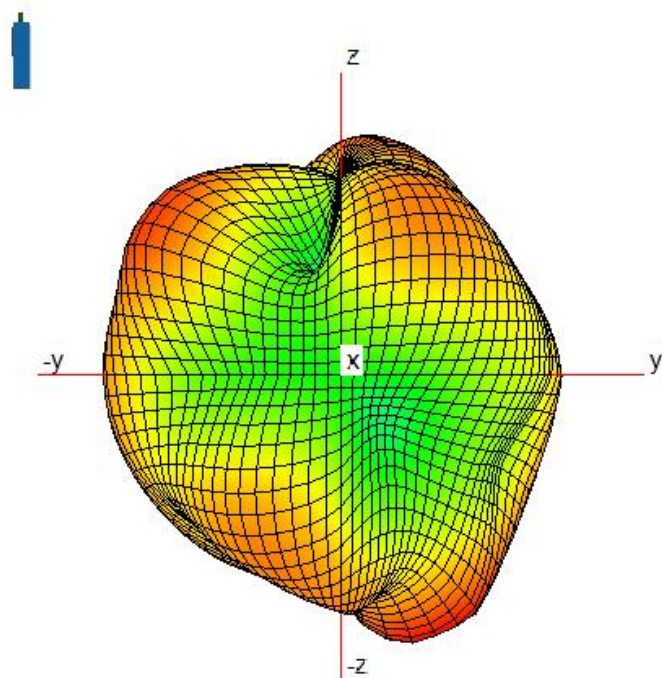
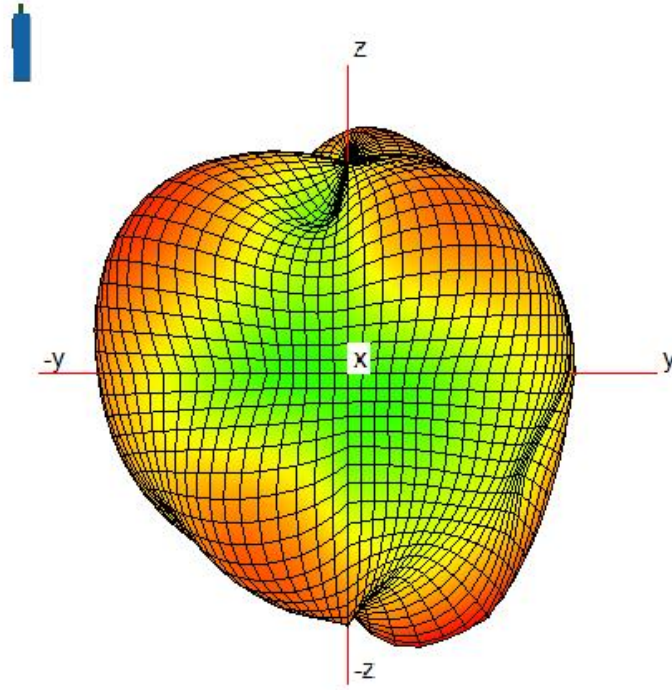


### 4. Gain & Efficiency & 3D Pattern

Frequency ID											
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	-0.69	-0.68	-0.57	-0.48	-0.40	-0.53	-0.55	-0.64	-0.61	-0.71	-0.87
Efficiency (DB)	-5.13	-5.14	-5.11	-5.10	-5.14	-5.22	-5.29	-5.37	-5.32	-5.33	-5.42



### Gain & Efficiency & 3D Pattern



## 5. VSWR

