

TH9 On-board Antenna test report

1. Test Equipment & Condition

1.1 Network Analyzers : KEYSIGHT P5002A

1.2. Communications Test Set: R&S CMW500

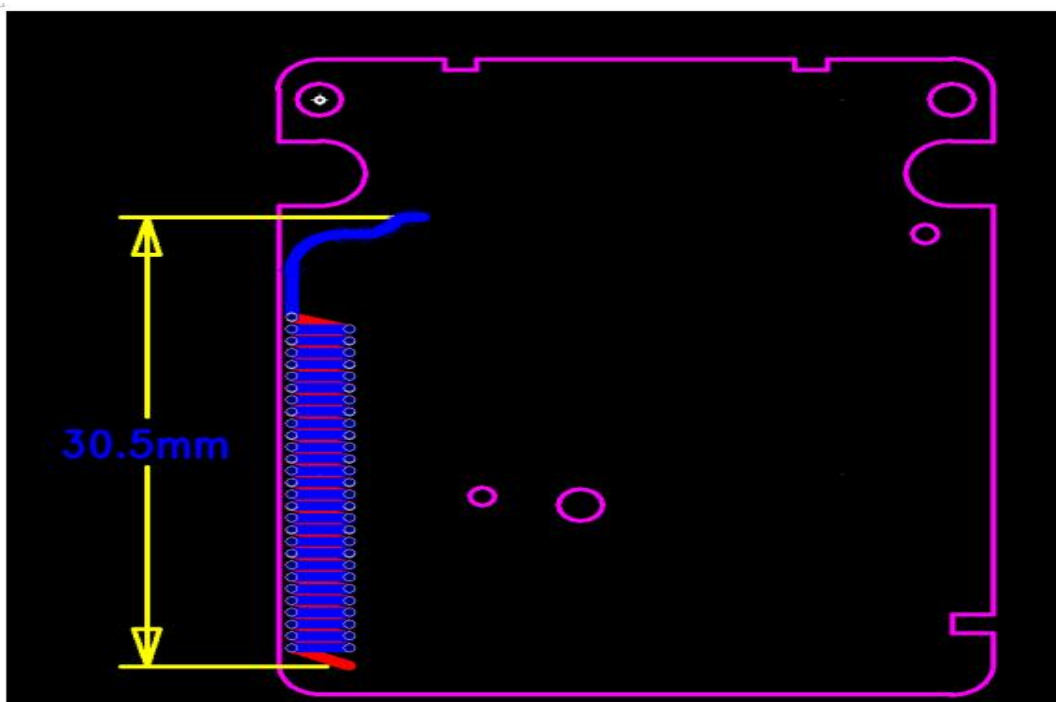
1.3 3D Chamber Test System:64Probe testingsystem



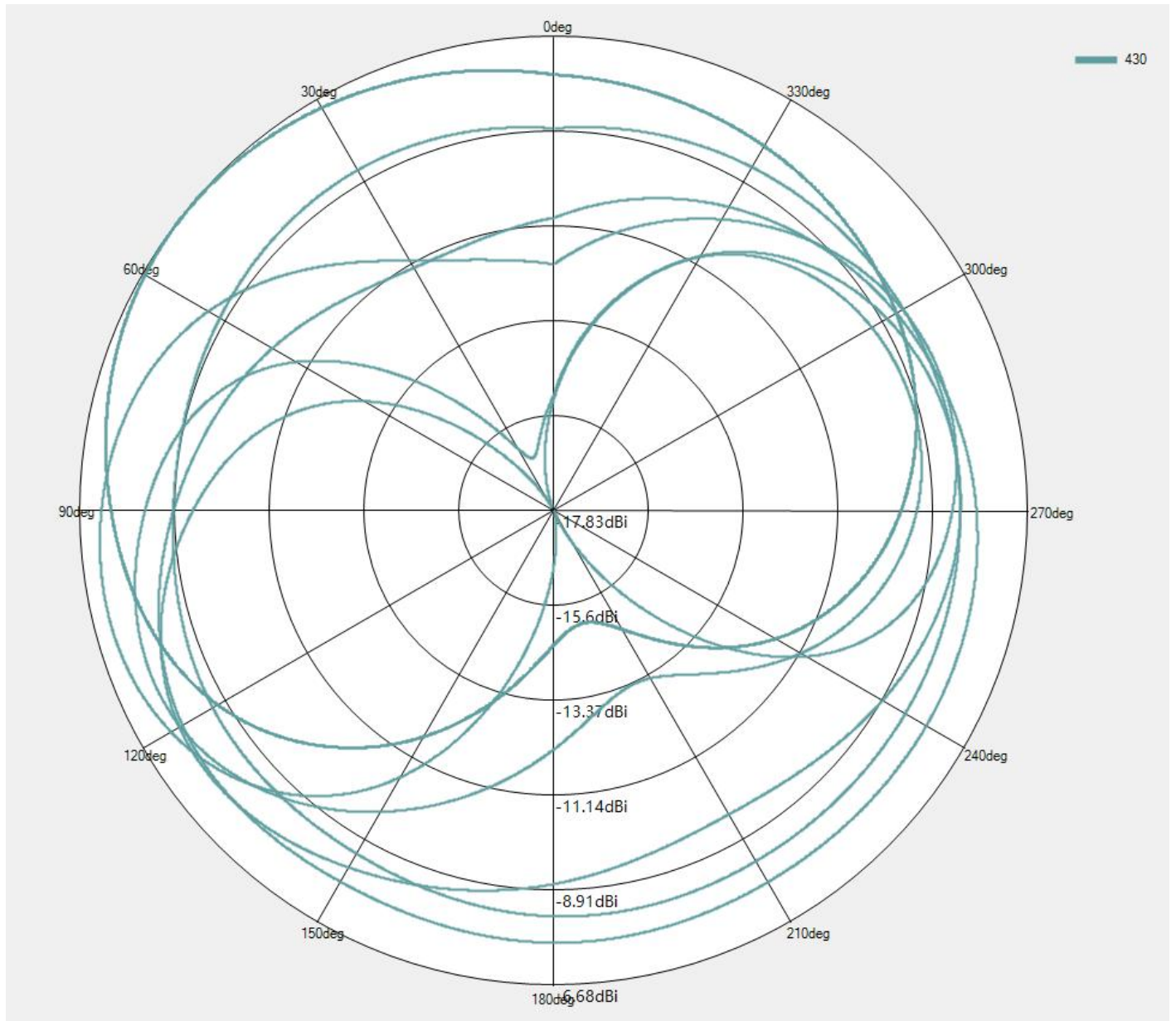
2. Mechanical instruction

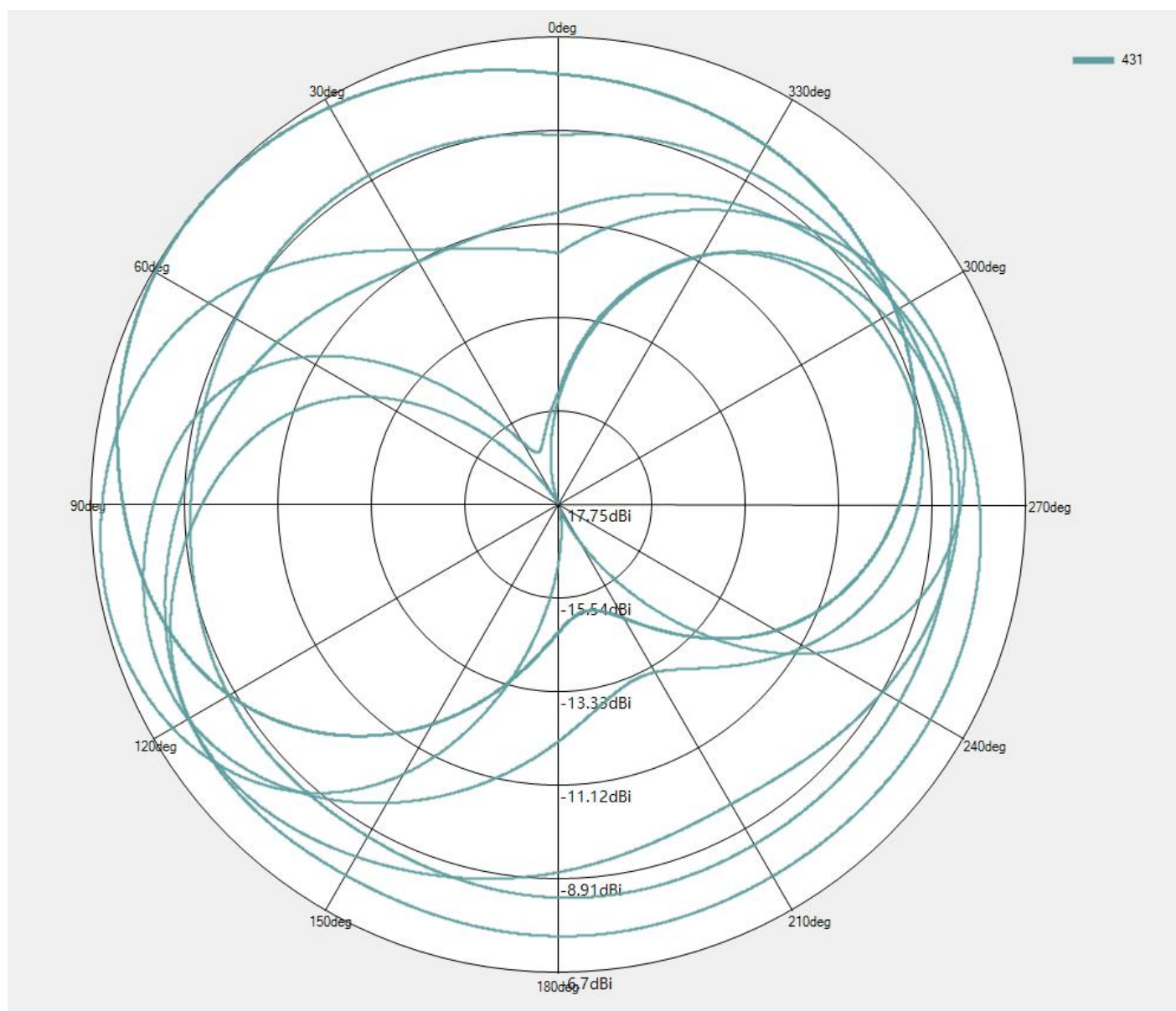


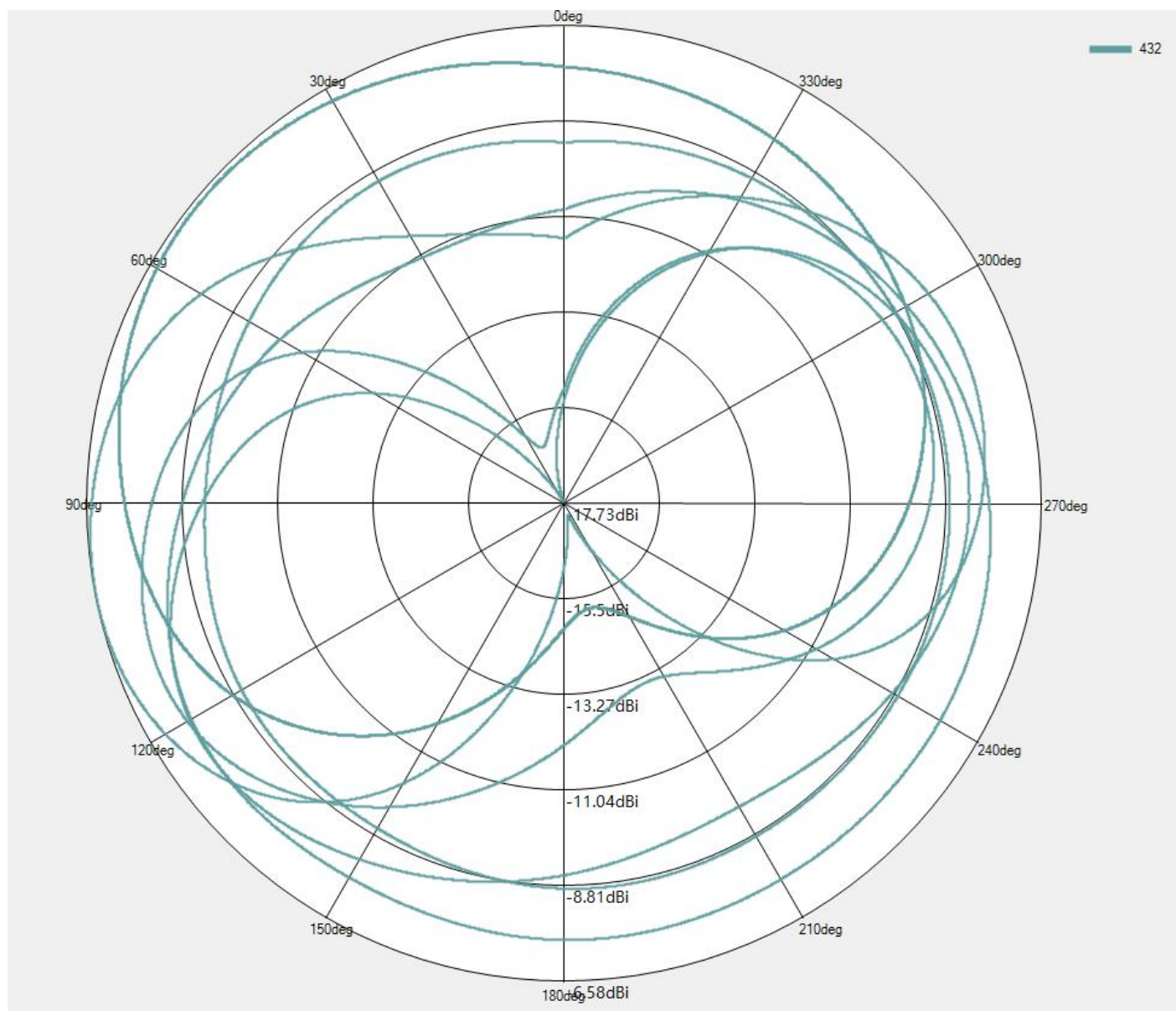
On-board Antenna

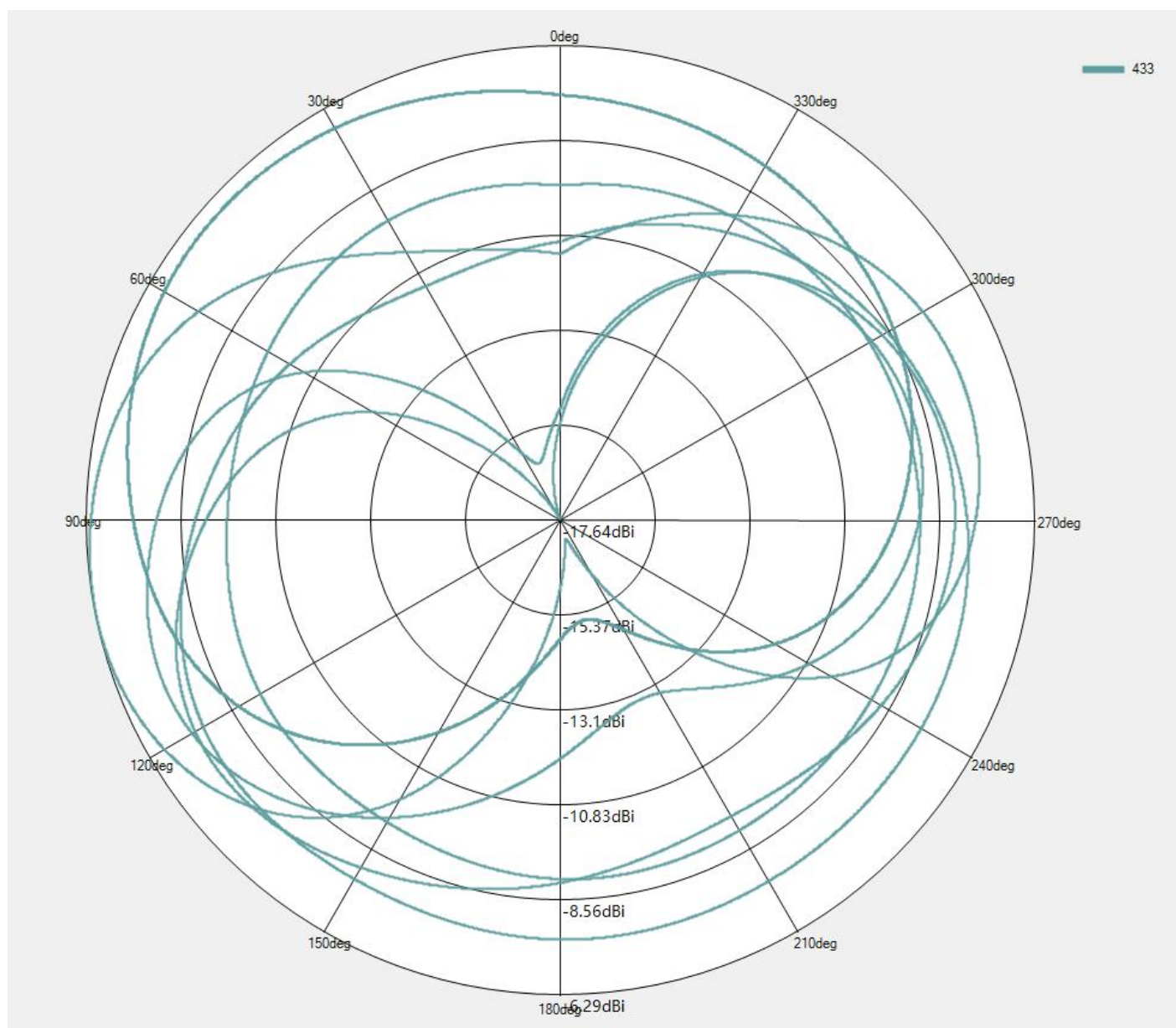


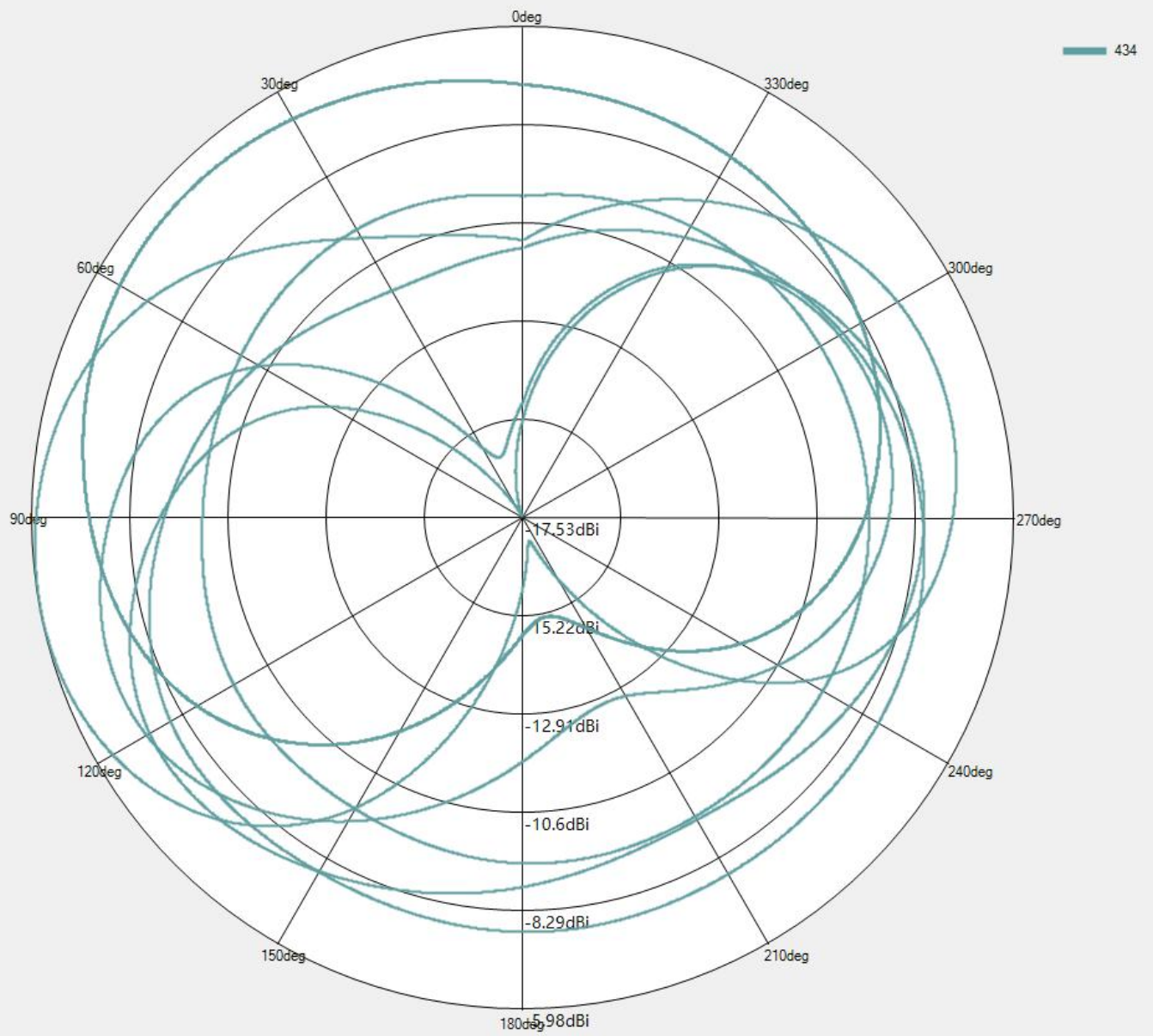
3. 2D direction diagram

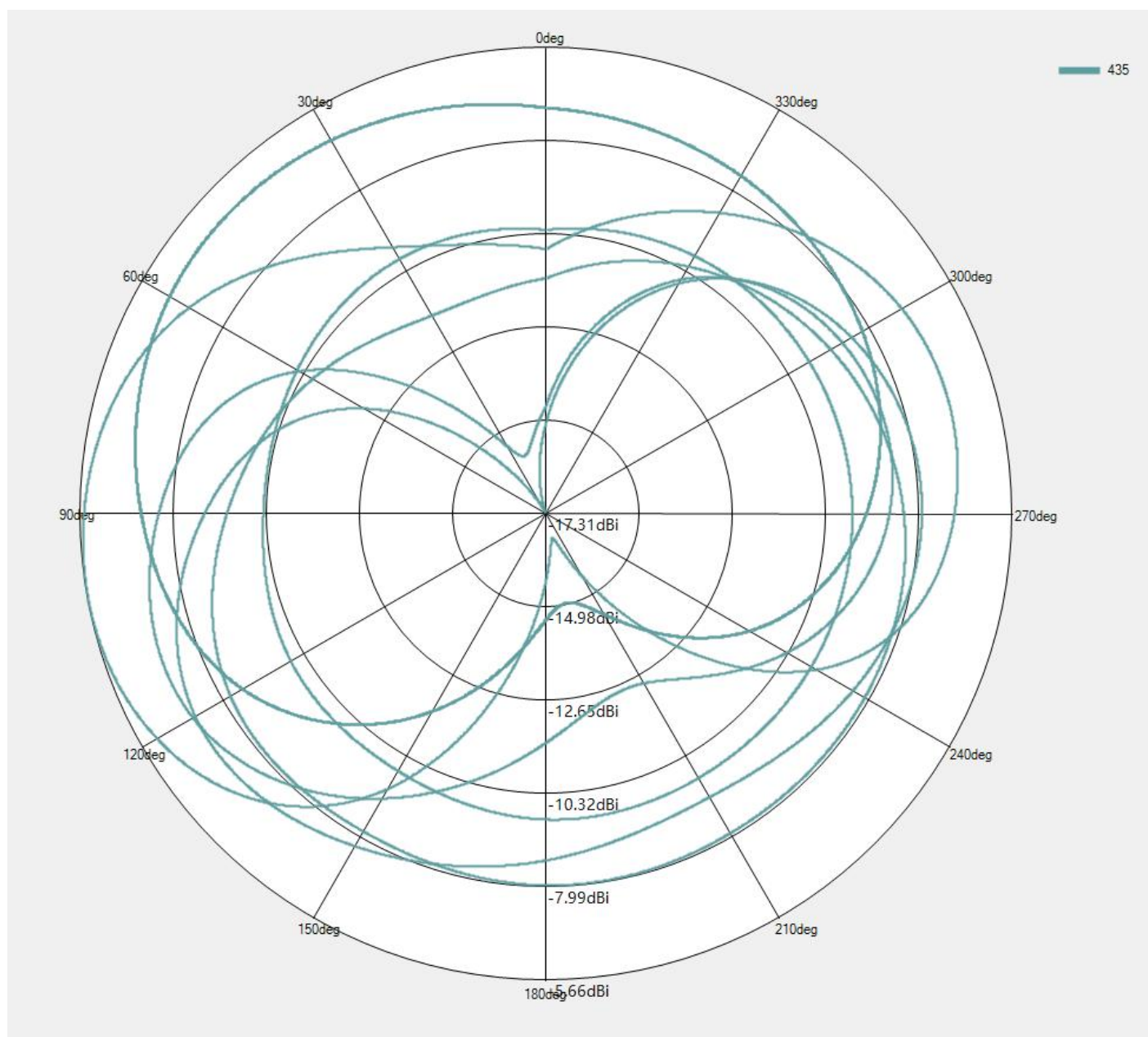


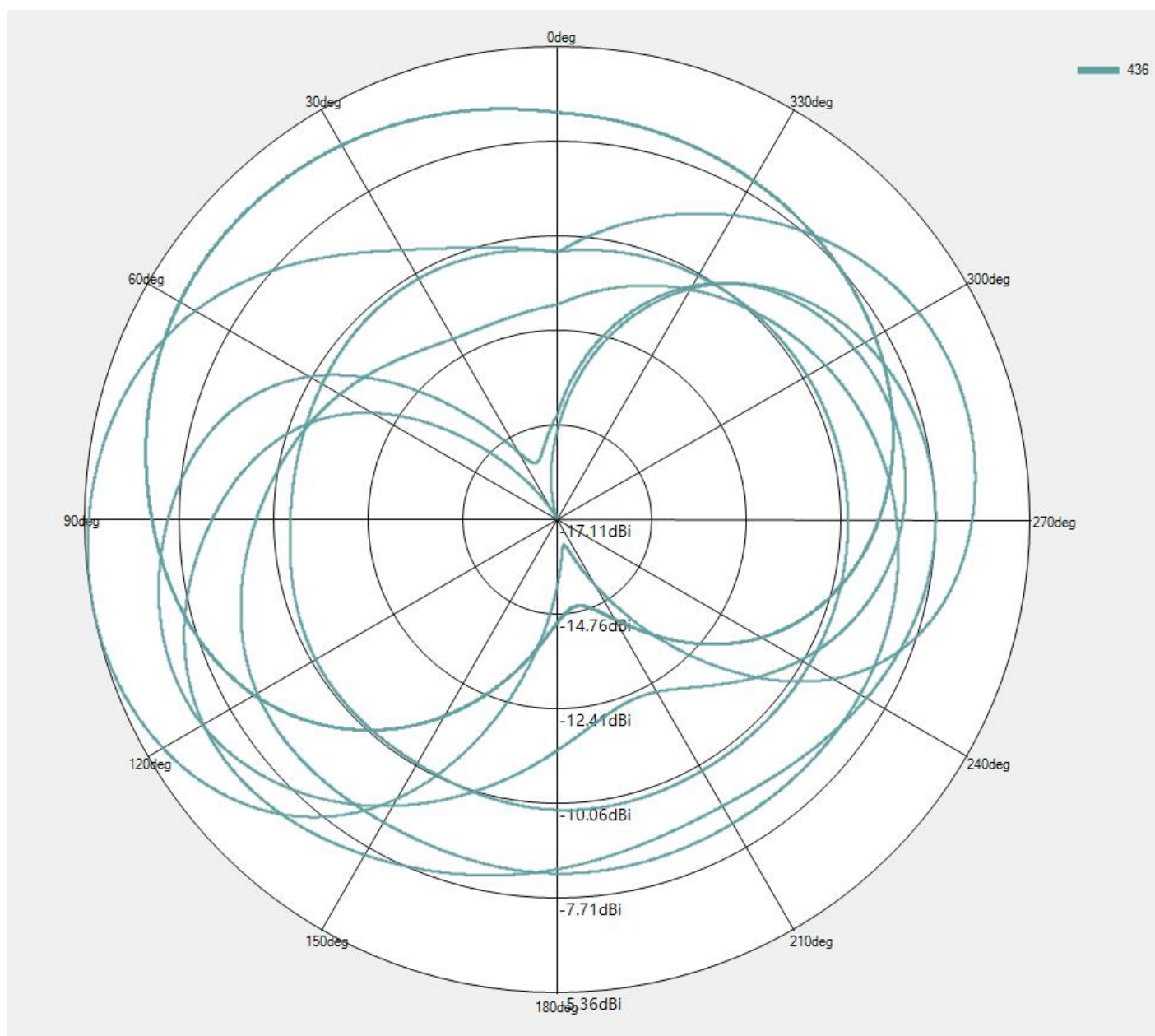






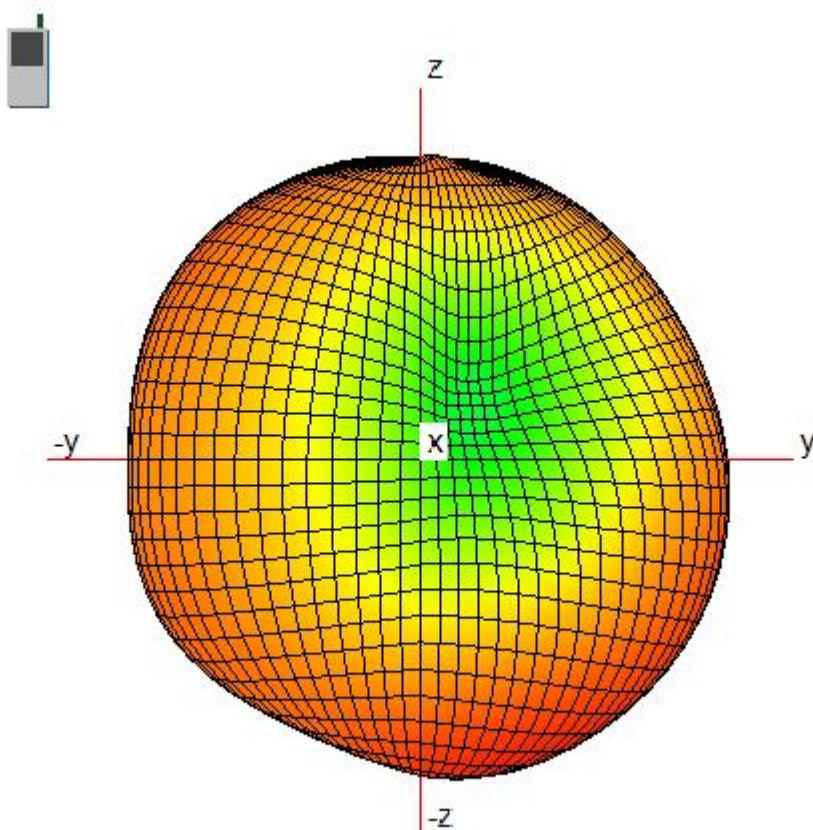




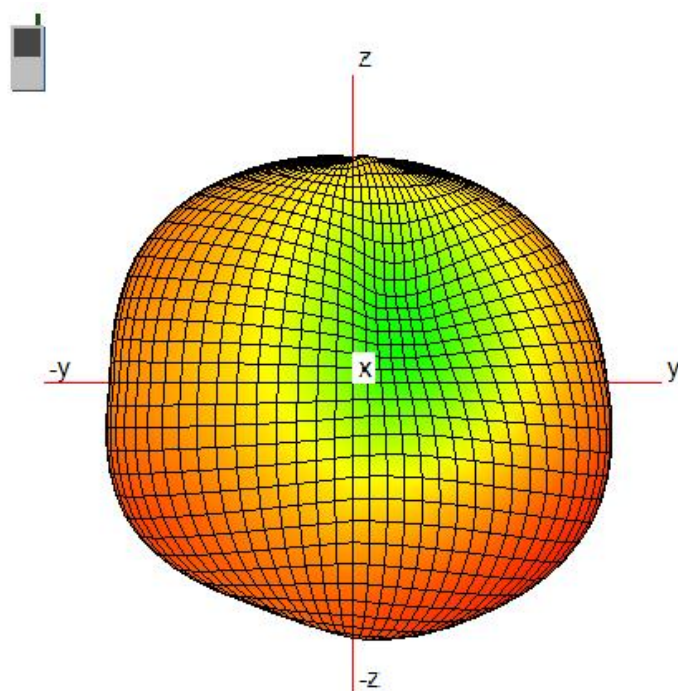
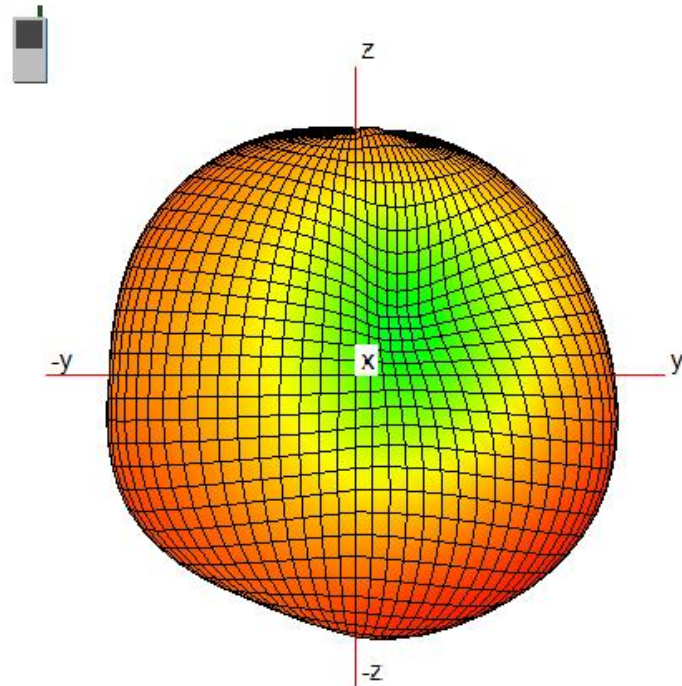


4. Gain & Efficiency& 3D Pattern

Frequency ID											
Frequency (MHz)	430	431	432	433	434	435	436				
Gain (dBi)	-7.56	-7.76	-7.25	-7.31	-7.12	-7.23	-7.25				
Efficiency (DB)	-10.12	-10.25	-10.22	-10.10	-10.25	-10.12	-10.89				



Gain & Efficiency & 3D Pattern



5. VSWR

