

P819 On-board Antenna test report

1. Test Equipment & Condition

1.1 Network Analyzers : KEYSIGHT P5002A

1.2. Communications Test Set: R&S CMW500

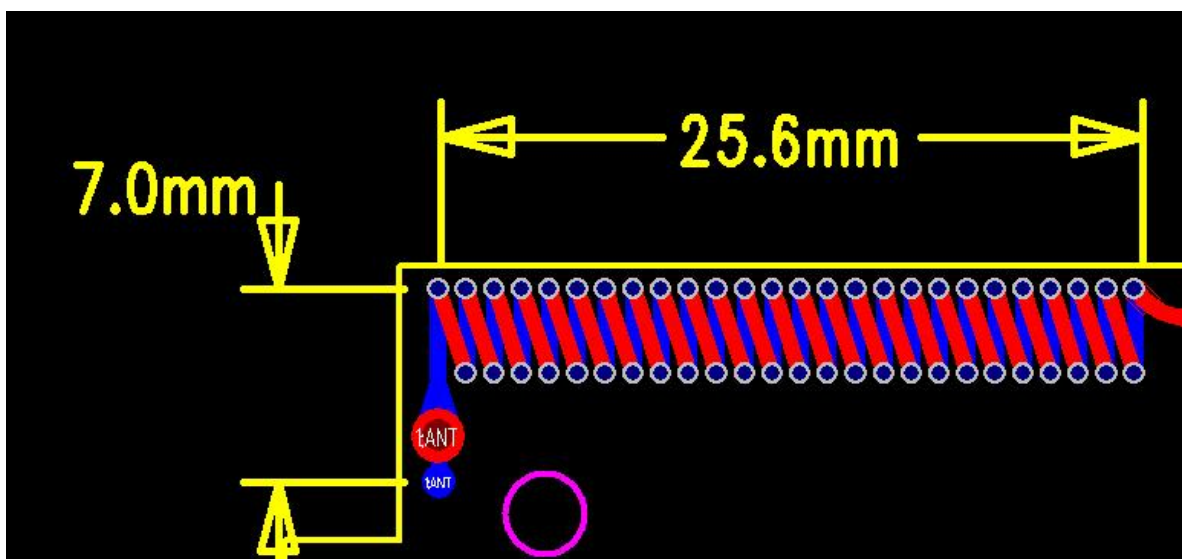
1.3 3D Chamber Test System:64Probe testingsystem



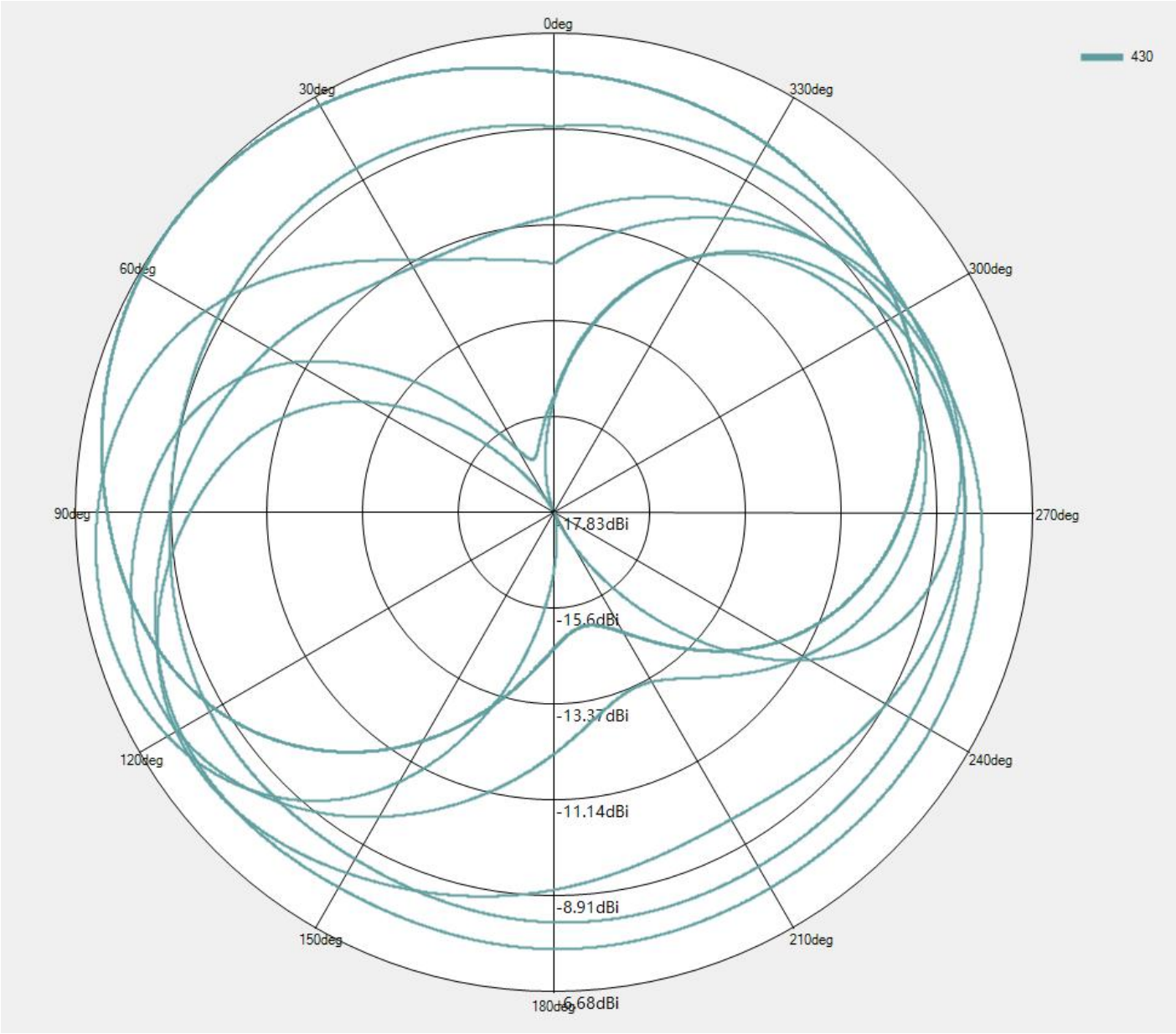
2. Mechanical instruction

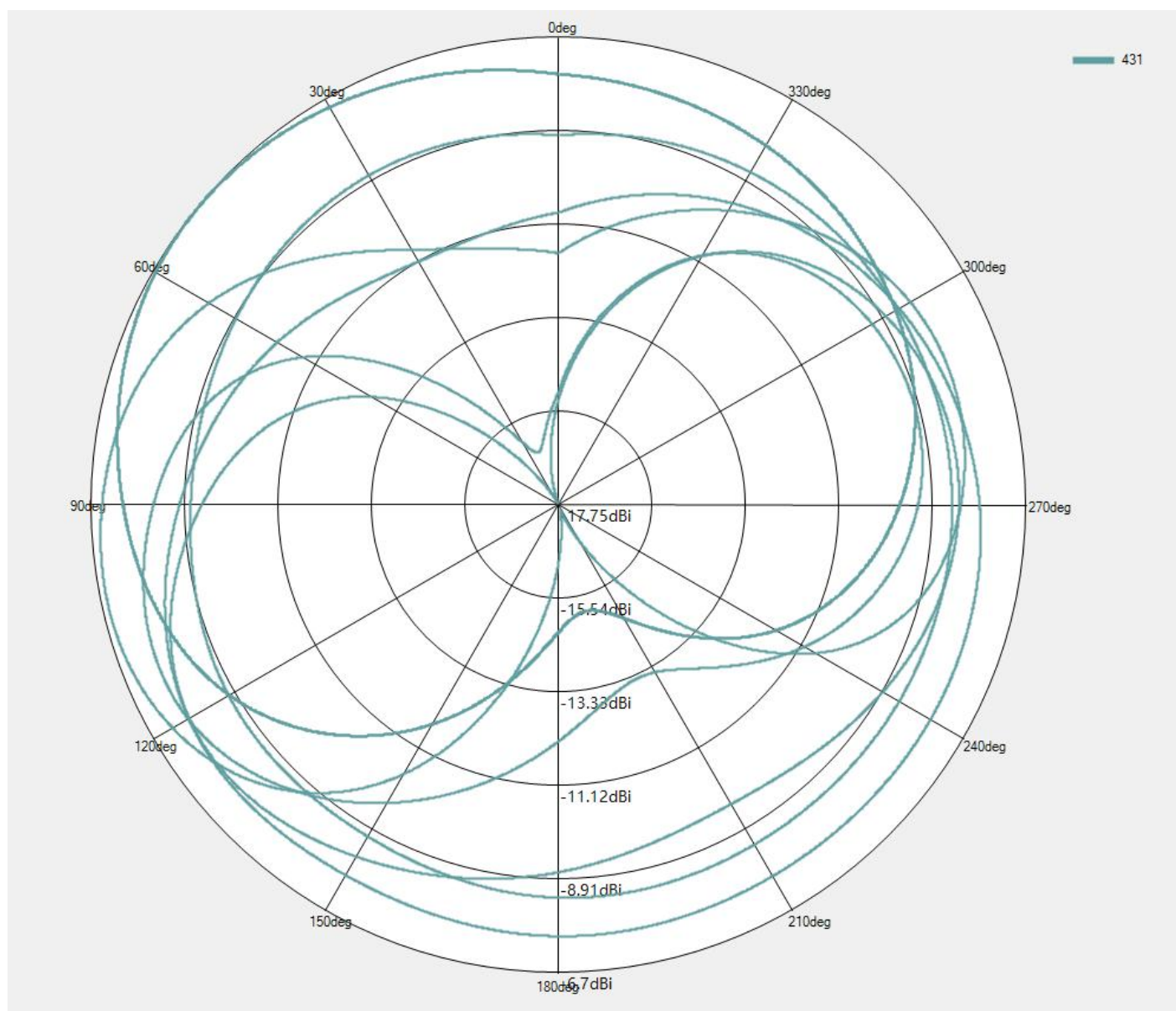


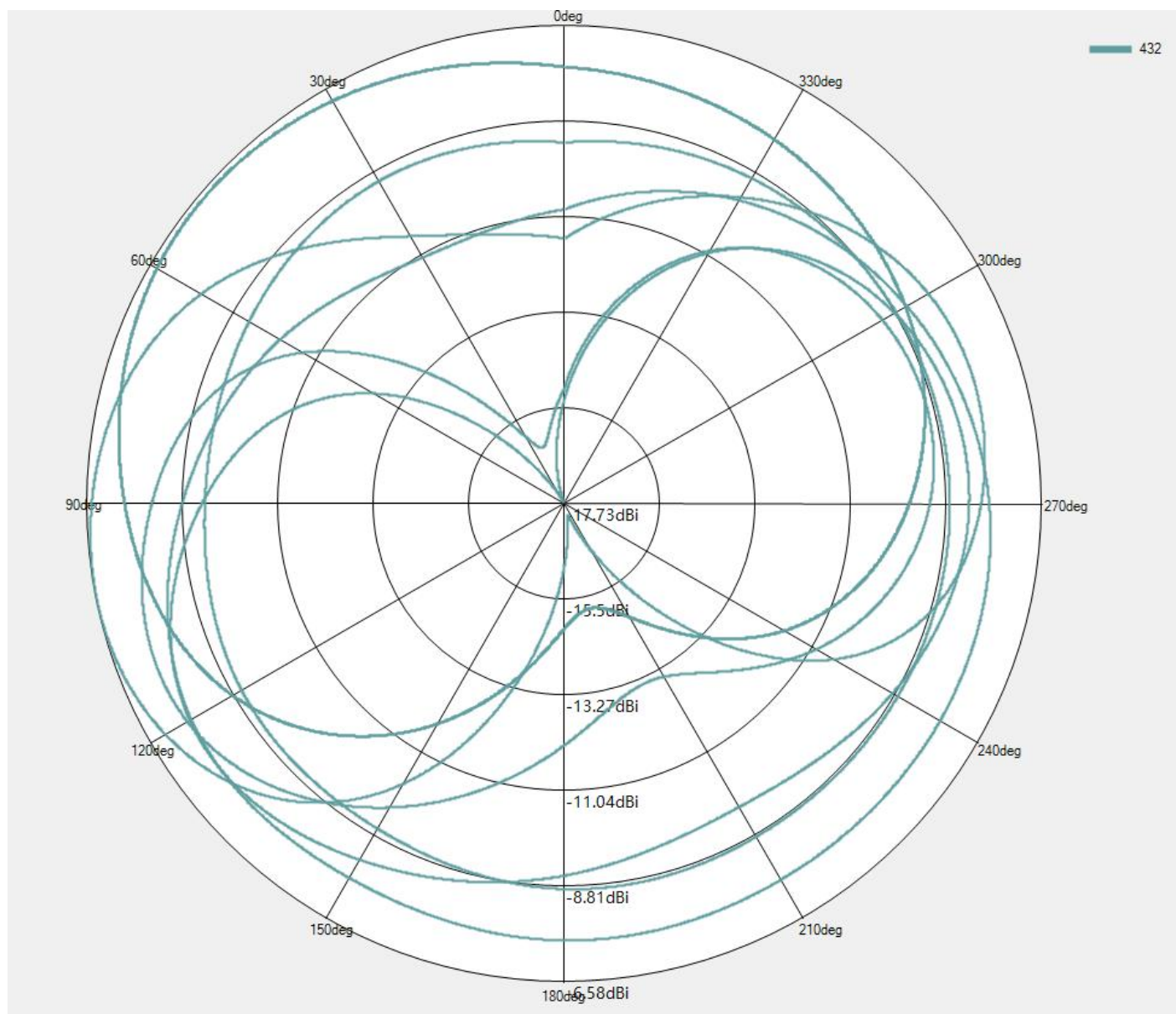
On-board Antenna

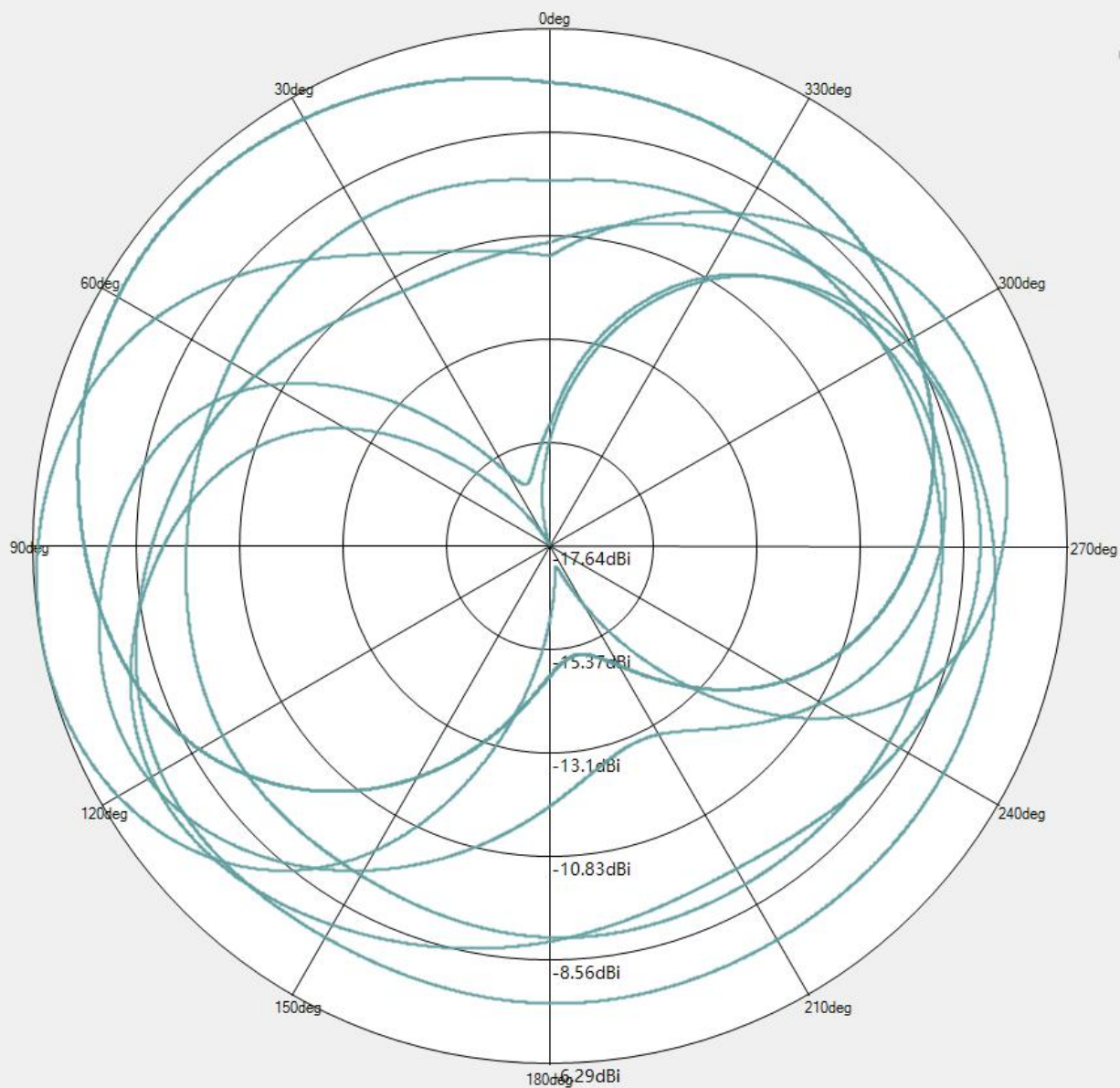


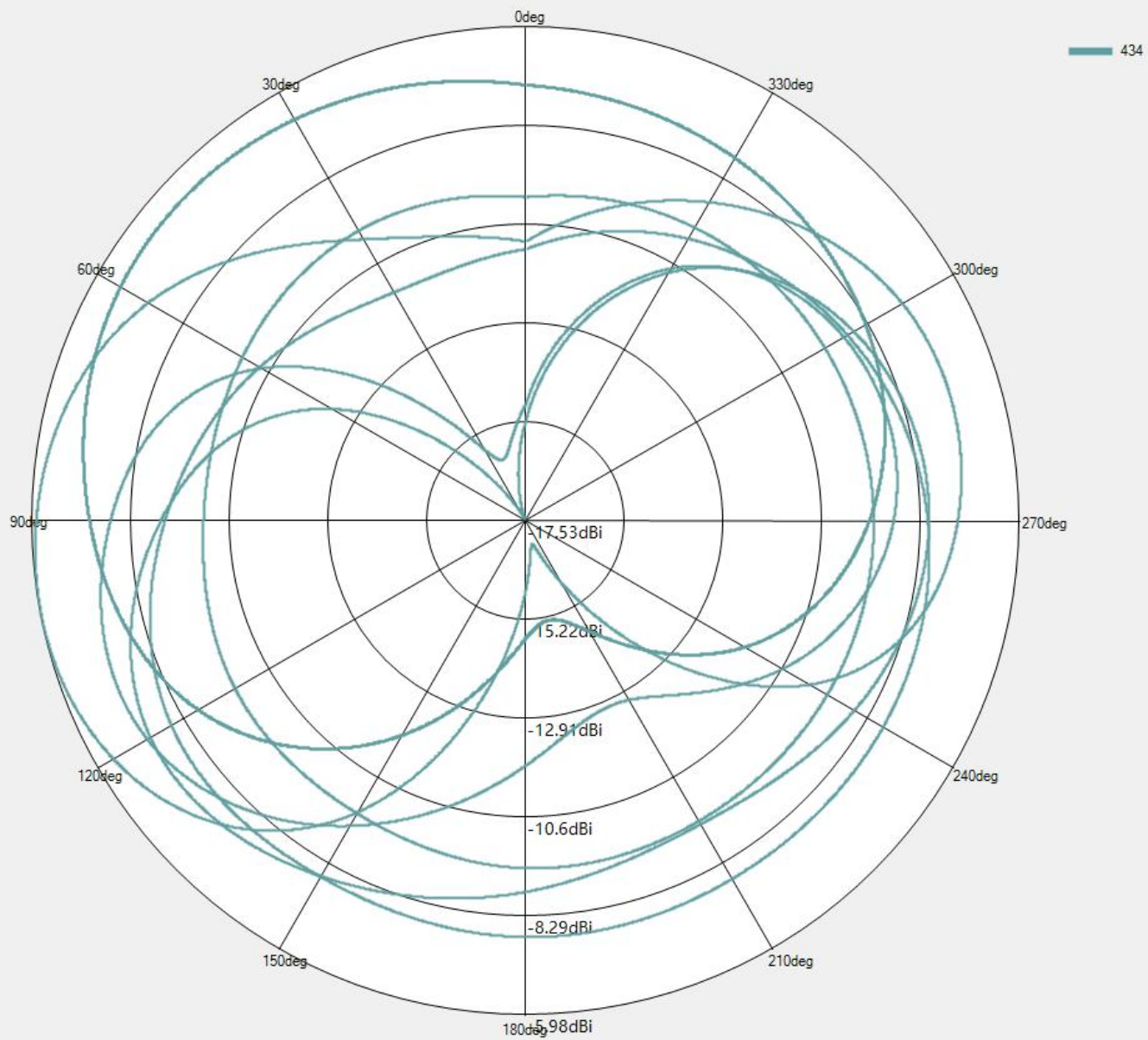
3. 2D direction diagram

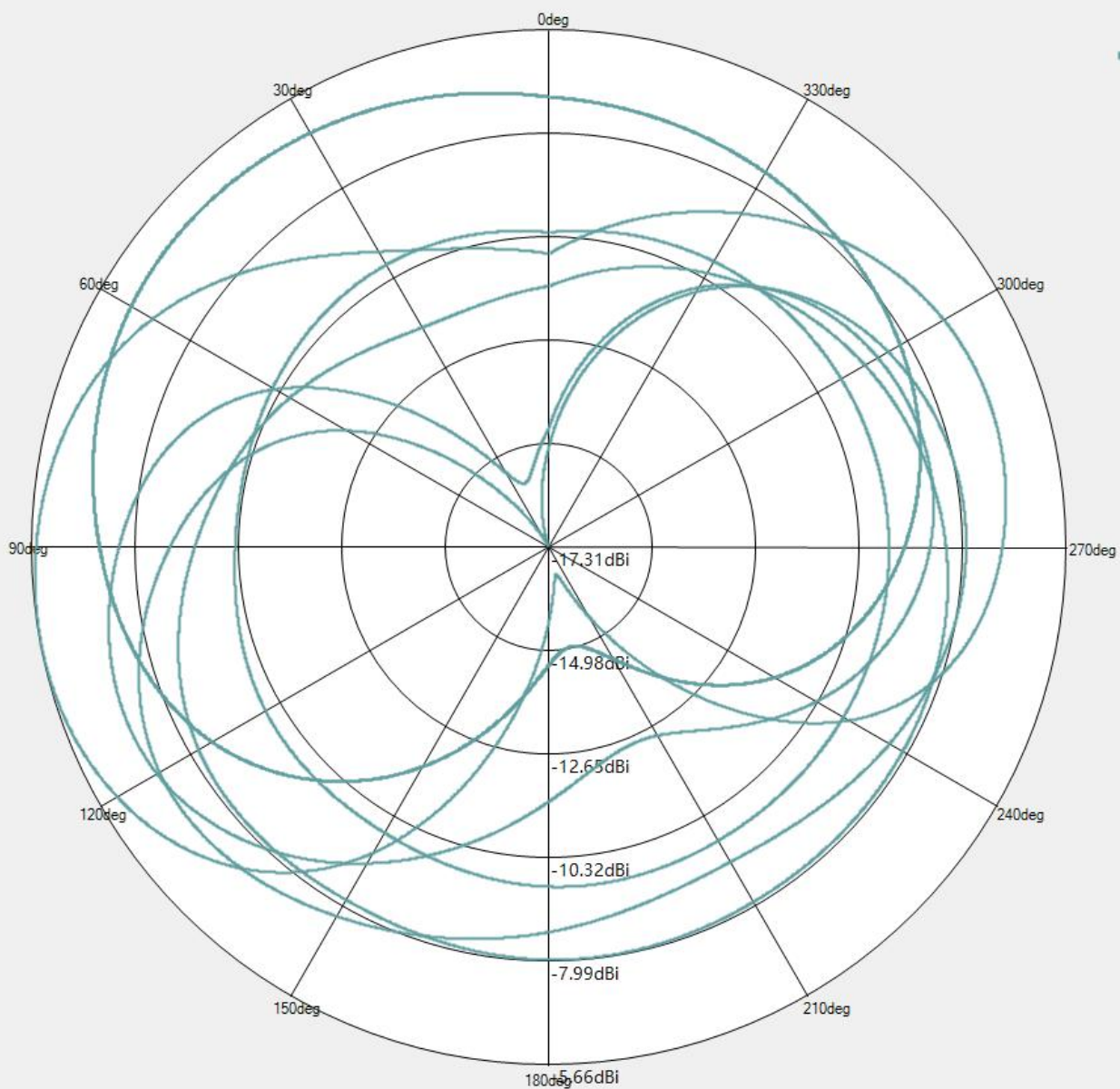


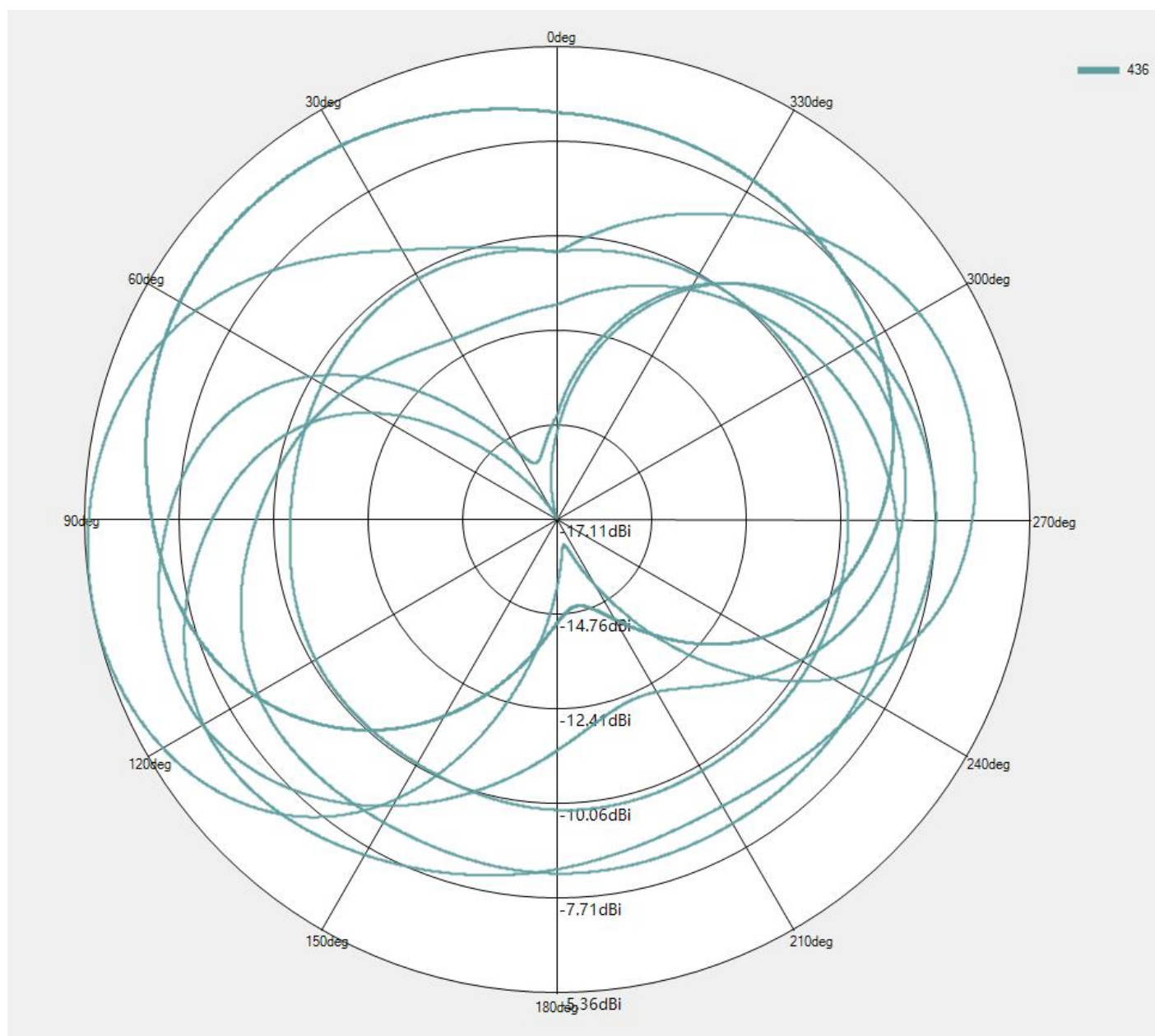






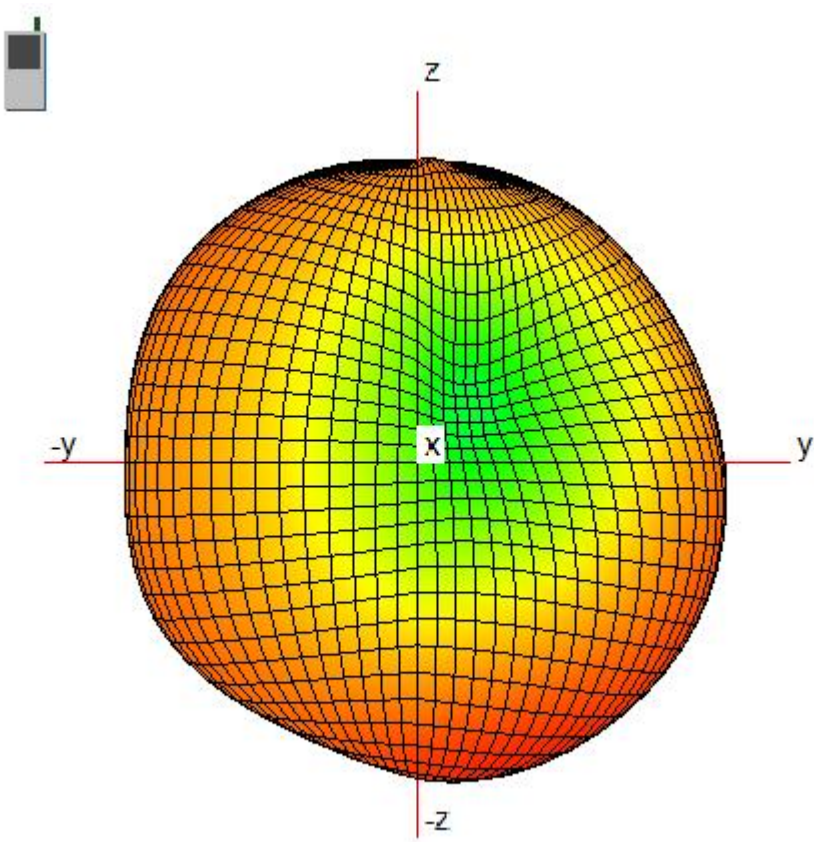




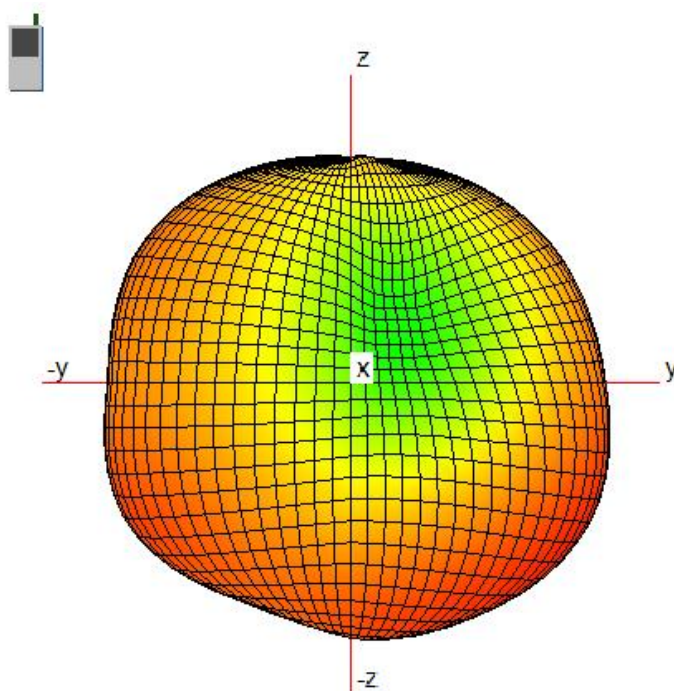
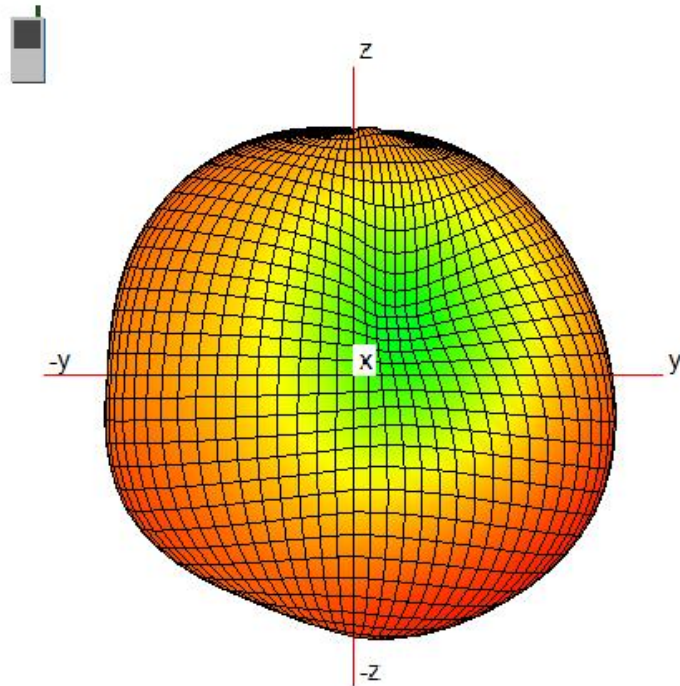


4.Gain & Efficiency& 3D Pattern

Frequency ID											
Frequency (MHz)	430	431	432	433	434	435	436				
Gain (dBi)	-6.71	-6.74	-6.68	-5.44	-6.06	-5.75	-5.59				
Efficiency (DB)	-9.76	-9.70	-9.61	-9.50	-9.38	-9.23	-9.06				



Gain & Efficiency& 3D Pattern



5. VSWR

