

## WD94 Antenna test report

### 1. Test Equipment & Condition

1.1 Network Analyzers : KEYSIGHT P5002A

1.2. Communications Test Set: R&S CMW500

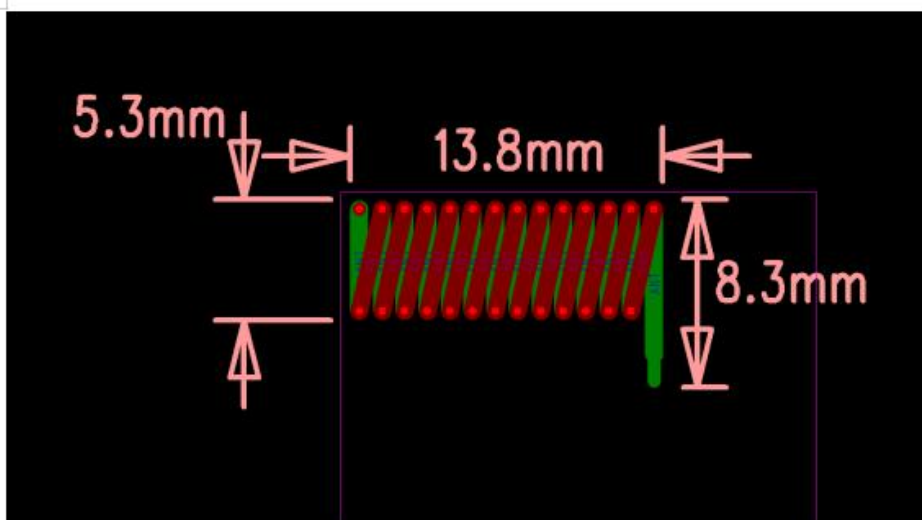
1.3 3D Chamber Test System:64Probe testingsystem



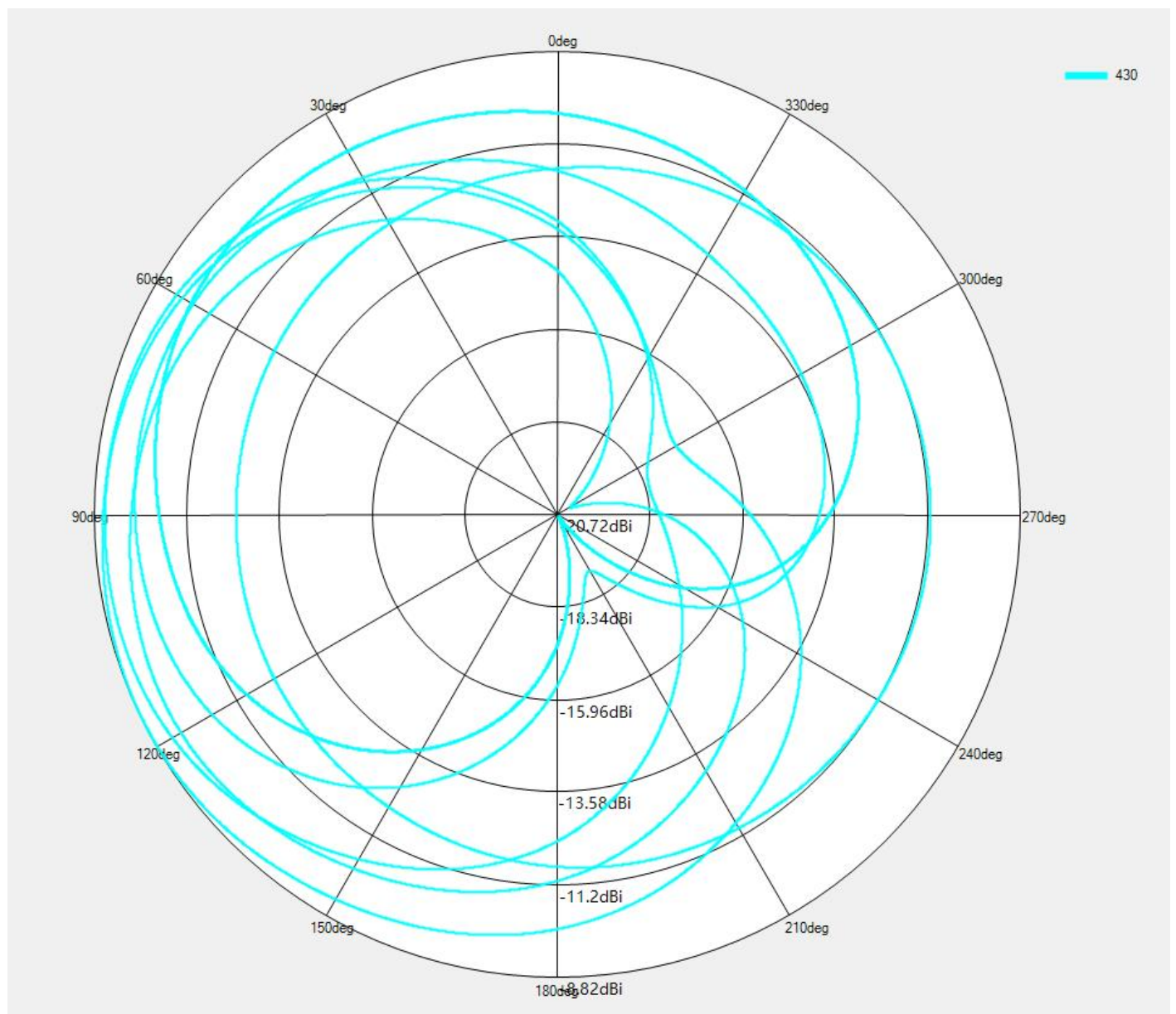
## 2. Mechanical instruction

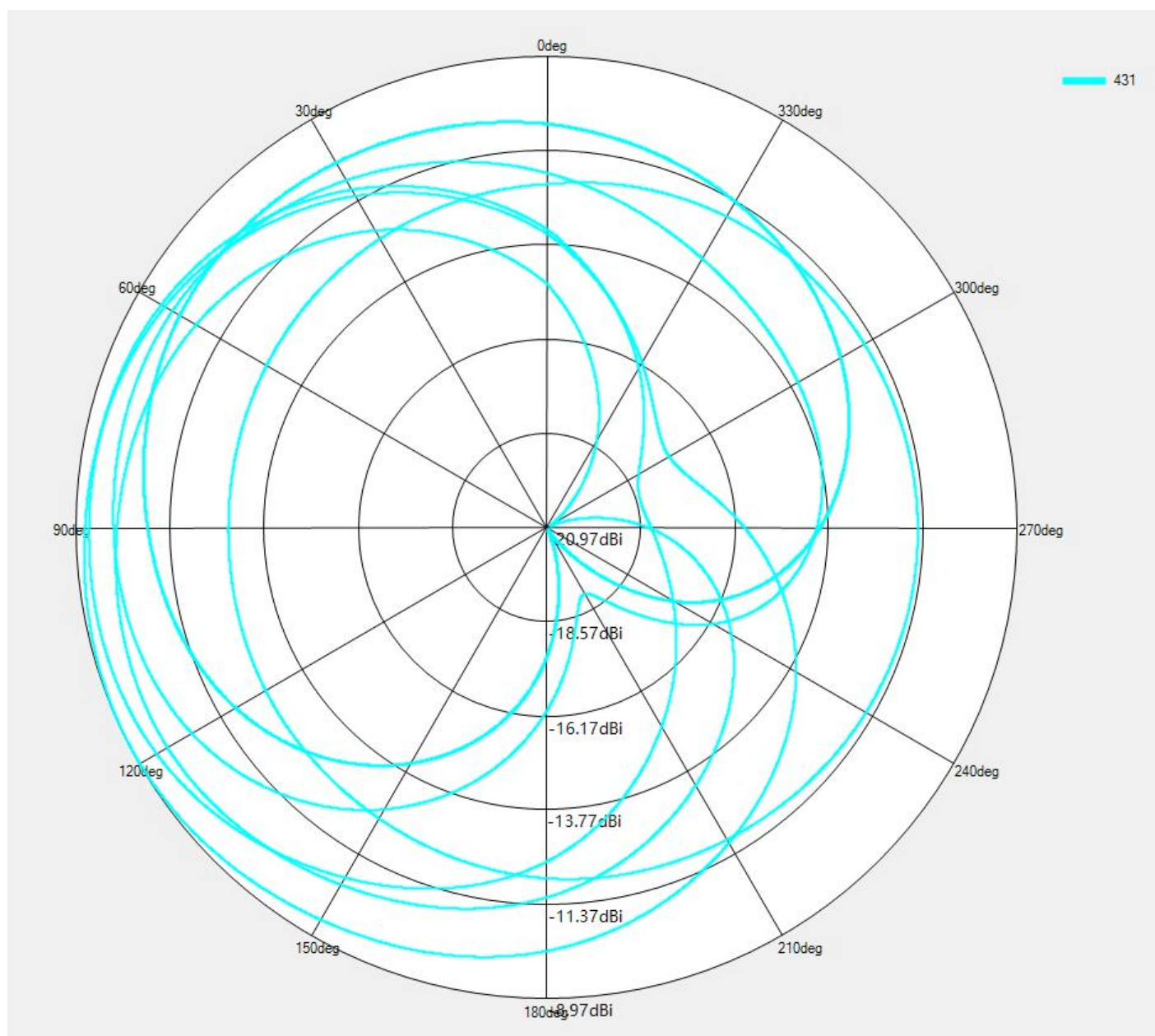


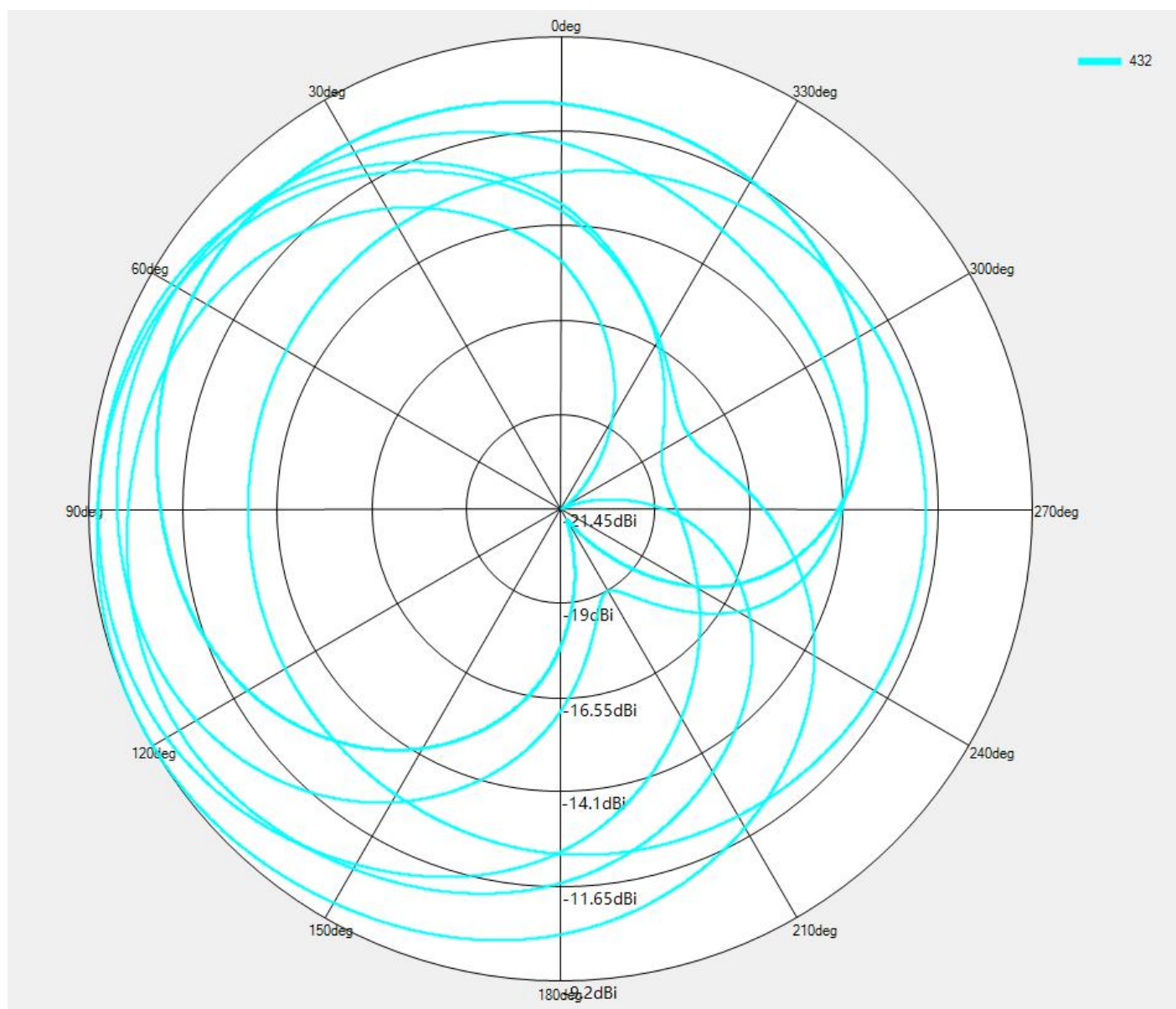
On-board Antenna

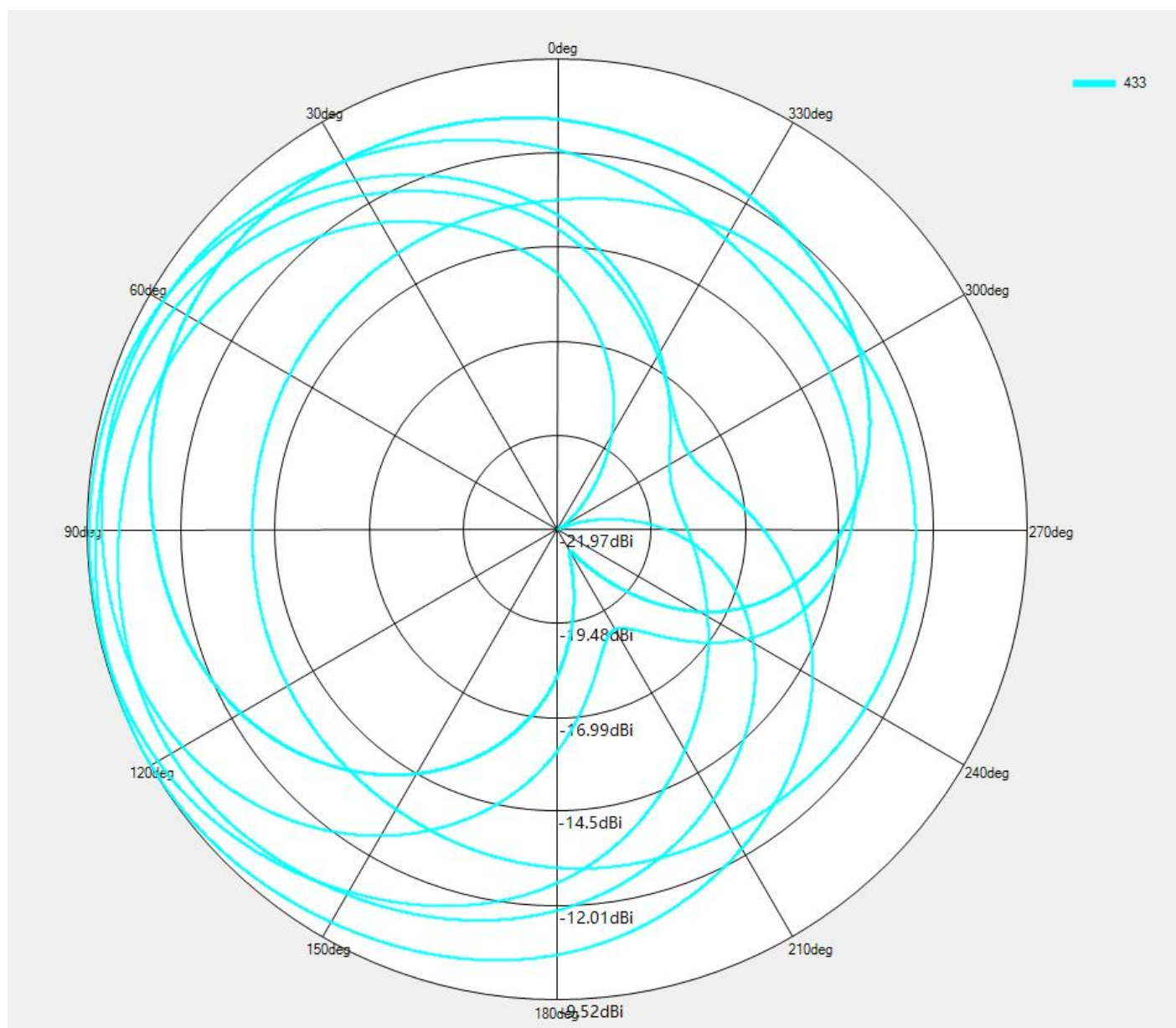


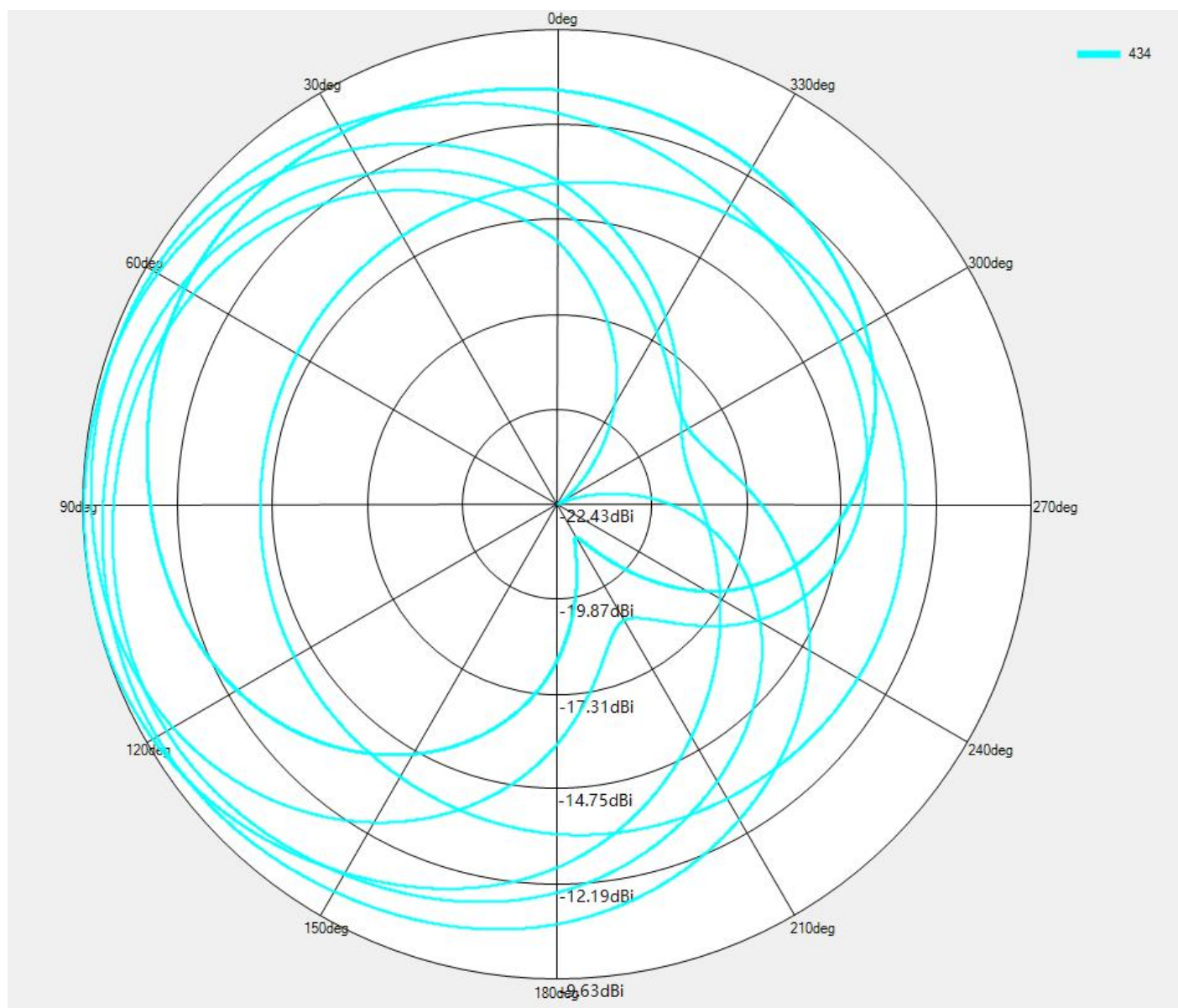
### 3. 2D direction diagram

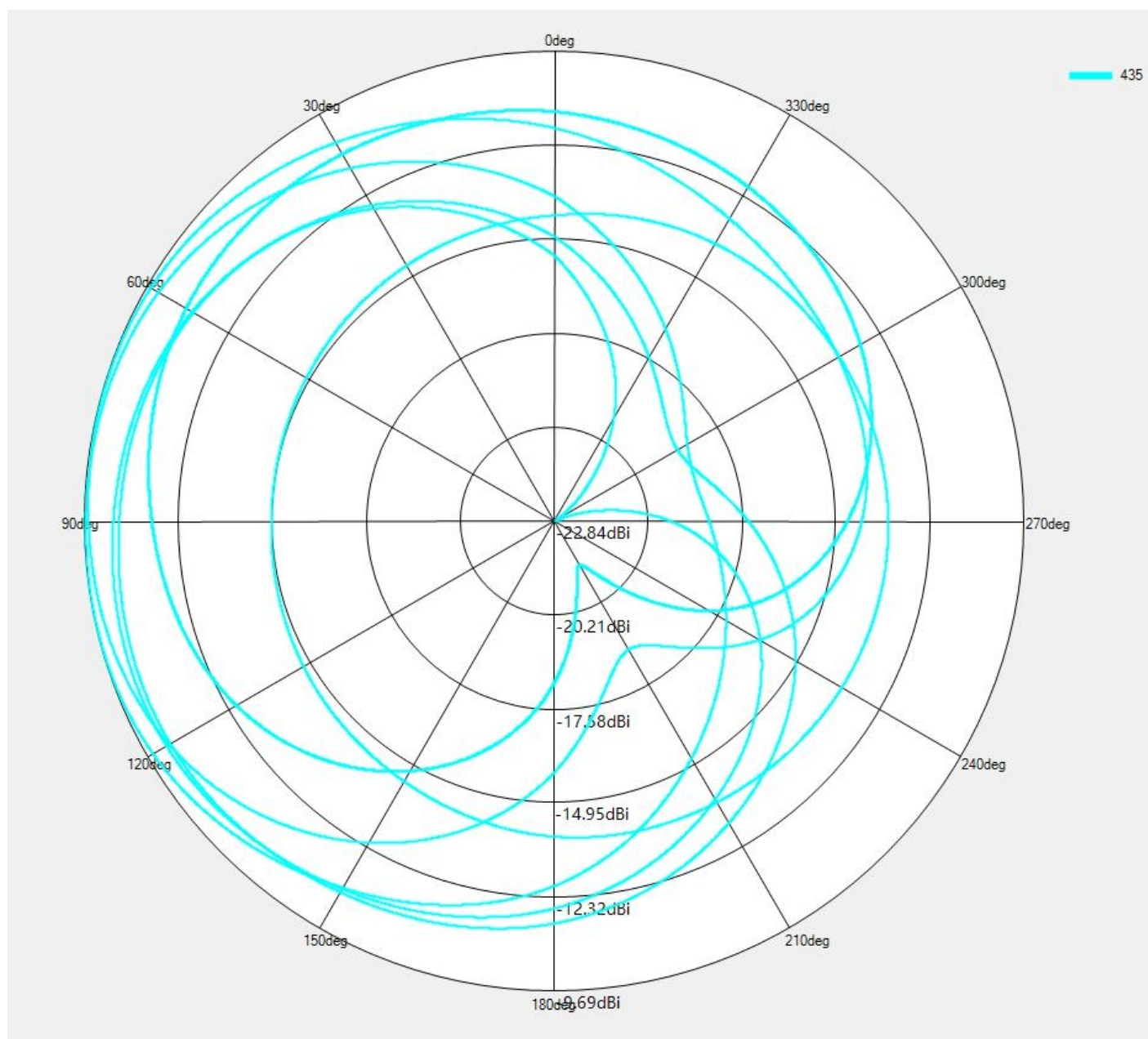








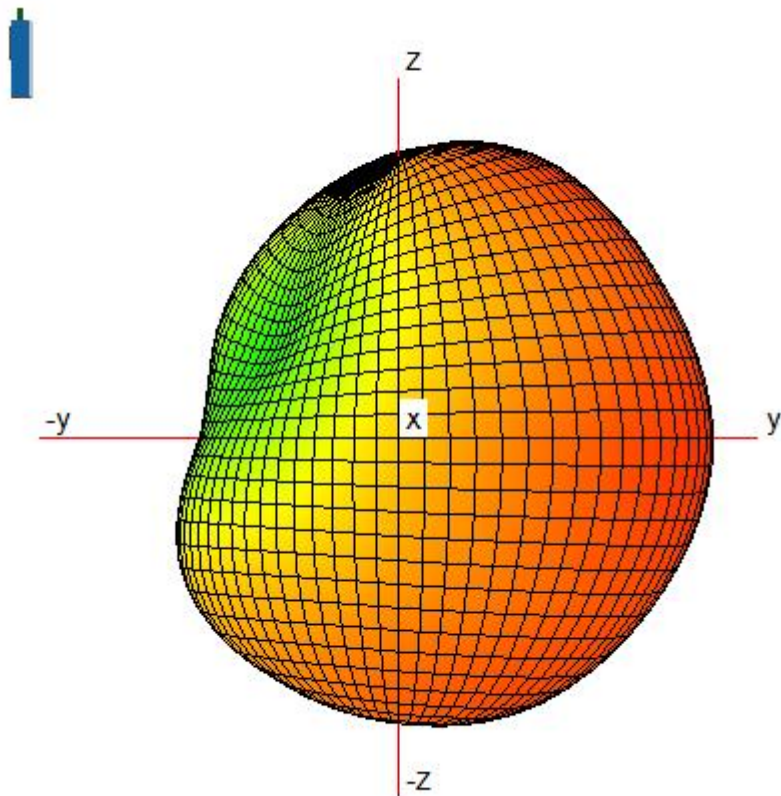


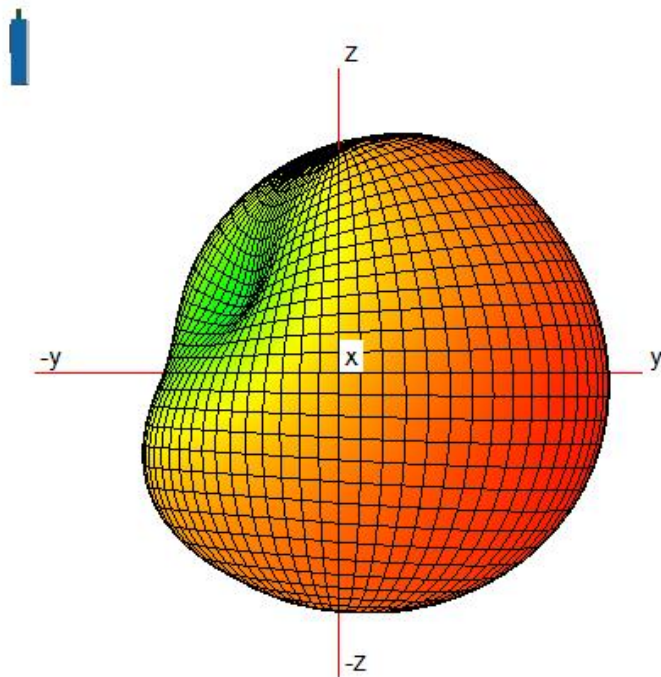
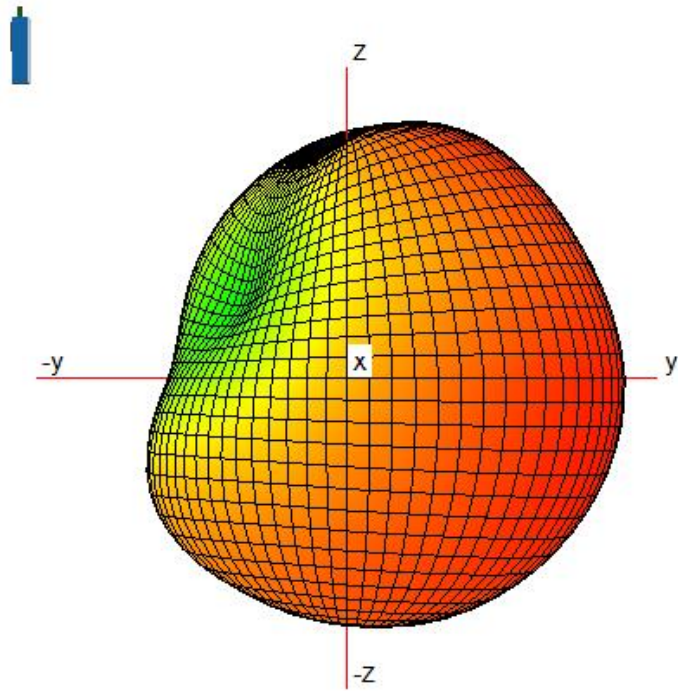


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## 4. Gain & Efficiency& 3D Pattern

| Frequency ID    |        |        |        |        |        |        |  |  |  |  |  |
|-----------------|--------|--------|--------|--------|--------|--------|--|--|--|--|--|
| Frequency (MHz) | 430    | 431    | 432    | 433    | 434    | 435    |  |  |  |  |  |
| Gain (dBi)      | -9.02  | -9.15  | -9.53  | -9.62  | -9.10  | -9.51  |  |  |  |  |  |
| Efficiency (DB) | -11.85 | -11.72 | -11.25 | -11.67 | -12.15 | -12.23 |  |  |  |  |  |





## 5. VSWR

