

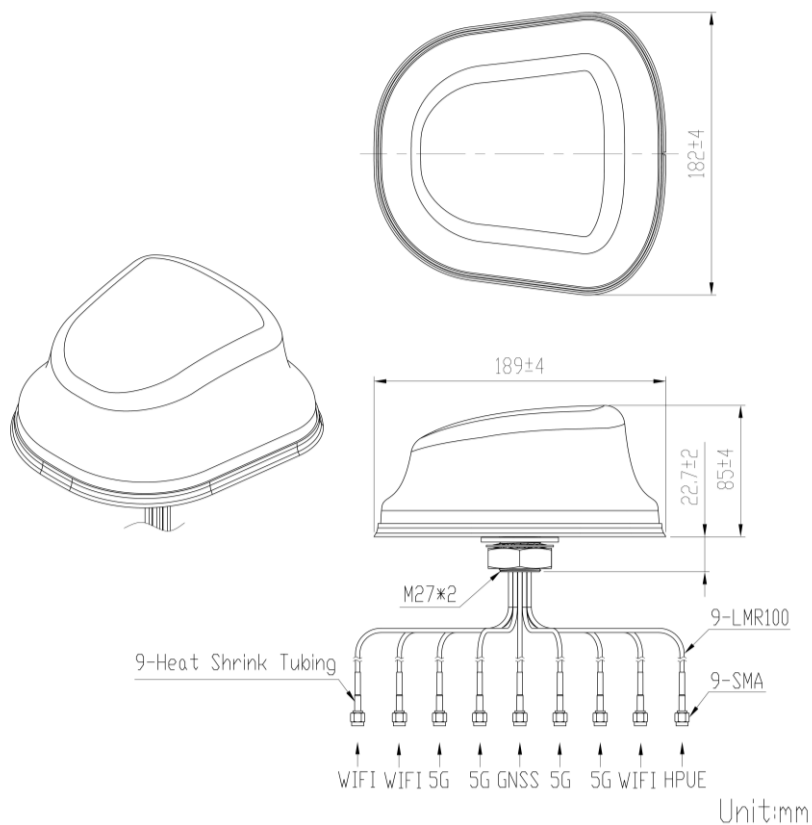
# 9 in 1 Antennas

## GNSS+NR MIMO×4+WIFI MIMO×3+HPUE Antenna

### JTD605NR5WM4



## DIMENSIONS



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## SPECIFICATIONS

| Item                 | Specifications      |   |
|----------------------|---------------------|---|
| GNSS Antenna         | Frequency           | GPS L1/L2/L5<br>GLONASS G1/G2/G3<br>COMPASS B1/B2/B3<br>Galileo E1/L1/E2/E5a/E5b/E6 |
|                      | Polarization        | RHCP  |
|                      | LNA Gain            | 28 ± 2dB  |
|                      | Noise Figure        | ≤2.0dB  |
|                      | Supply Voltage      | 3~12V DC  |
|                      | Current Consumption | ≤60mA   |
|                      | V.S.W.R             | <2.0  |
|                      | Impedance           | 50 Ω  |
| 5G NR Antenna MIMO*4 | Frequency Range     | 698~960MHz/1710~2690MHz/2900~3800MHz  |
|                      | V.S.W.R             | <3.0  |
|                      | Polarization        | Linear  |
|                      | Gain                | 4dBi (Typ.)   |
|                      | Impedance           | 50Ω   |
| HPUE Antenna         | Frequency Range     | 703~862MHz  |
|                      | V.S.W.R             | <3.0  |
|                      | Polarization        | Linear  |
|                      | Gain                | 4dBi (Typ.)   |
|                      | Impedance           | 50Ω   |
| WIFI Antenna MIMO*2  | Frequency Range     | 2400~2483.5MHz/4900~5925MHz   |
|                      | V.S.W.R             | <2.5  |
|                      | Polarization        | Linear  |
|                      | Gain                | 4dBi (Typ.)   |
|                      | Impedance           | 50Ω   |
| Mechanical           | Cable               | LMR100*9*3m   |

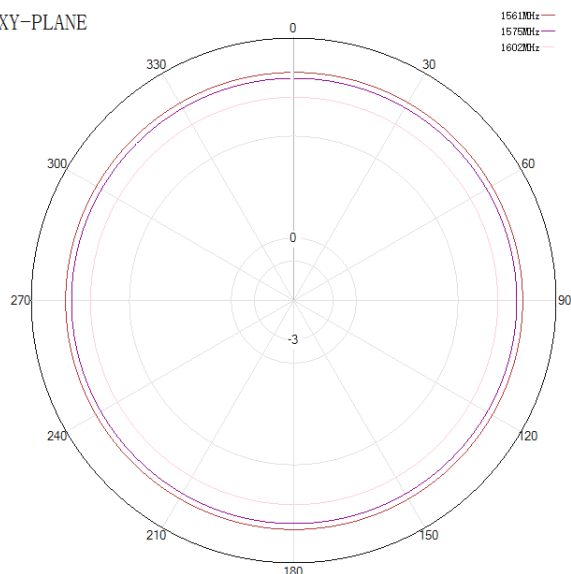
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|               |                          |  |
|---------------|--------------------------|--|
|               | Connector                | SMA or others                          |
|               | Material                 | PC/ABS                                 |
|               | Mounting Method          | Screw                                  |
| Environmental | Operating Temperature    | -40°C~+85°C                            |
|               | Relative Humidity        | Up to 95%                              |
|               | Ingress Protection       | IP67 (exclude cable outlet)            |
|               | Vibration                | 10 to 55Hz with 1.5mm amplitude 2hours |
|               | Environmentally Friendly | ROHS Compliant                         |

## Radiation Pattern

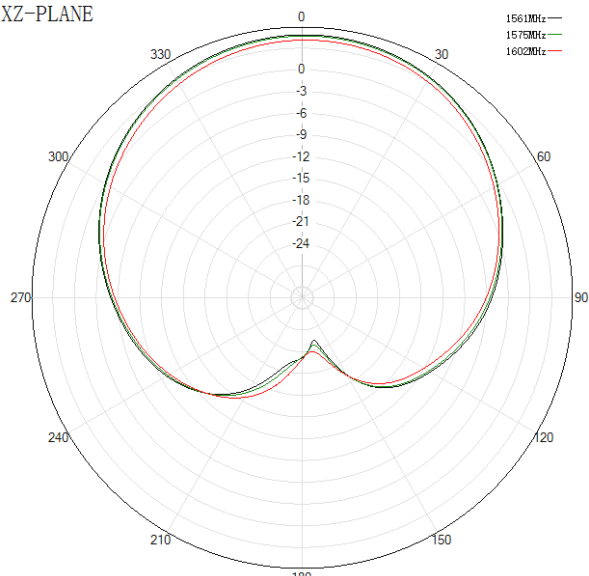
### GNSS Antenna

XY-PLANE

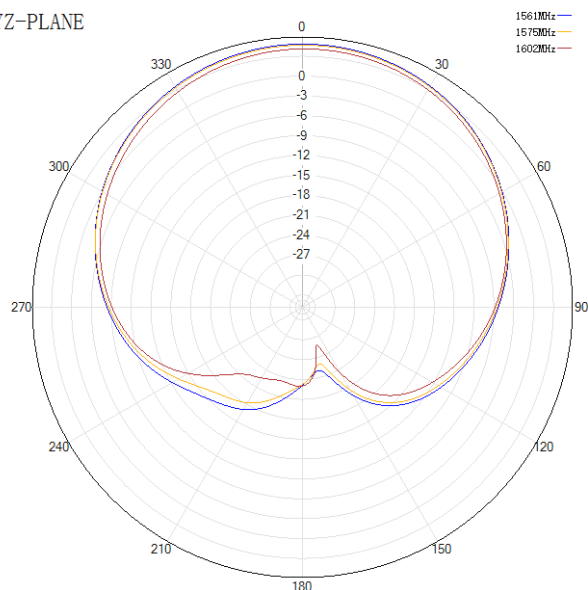


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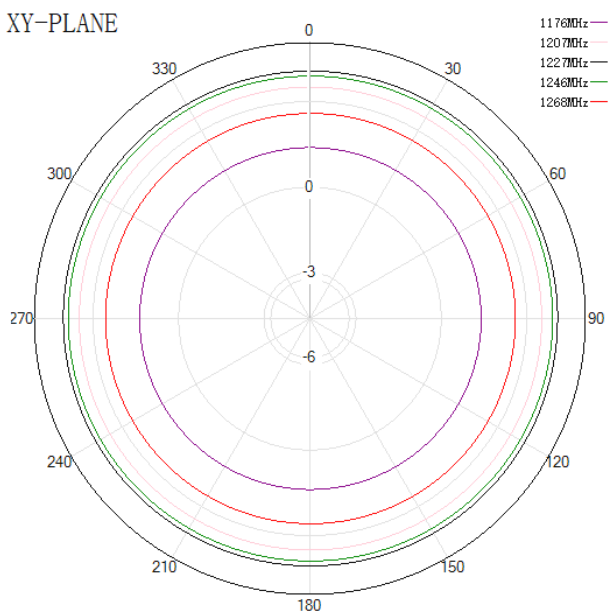
XZ-PLANE



YZ-PLANE

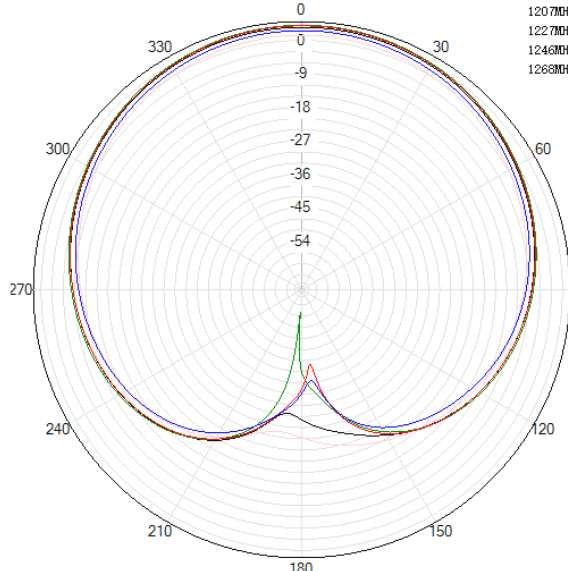


XY-PLANE

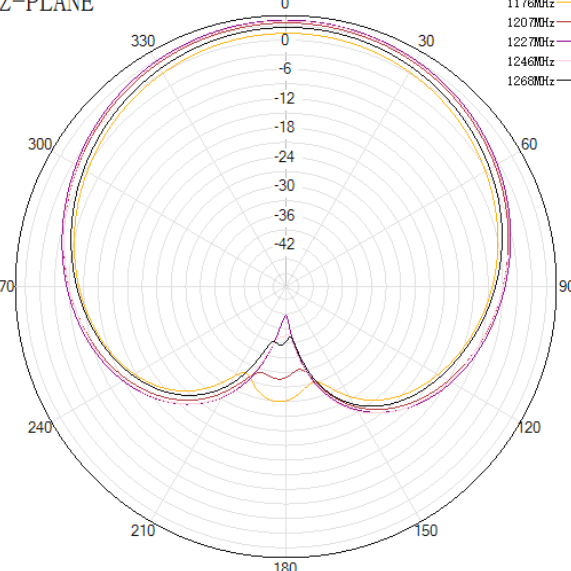


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XZ-PLANE

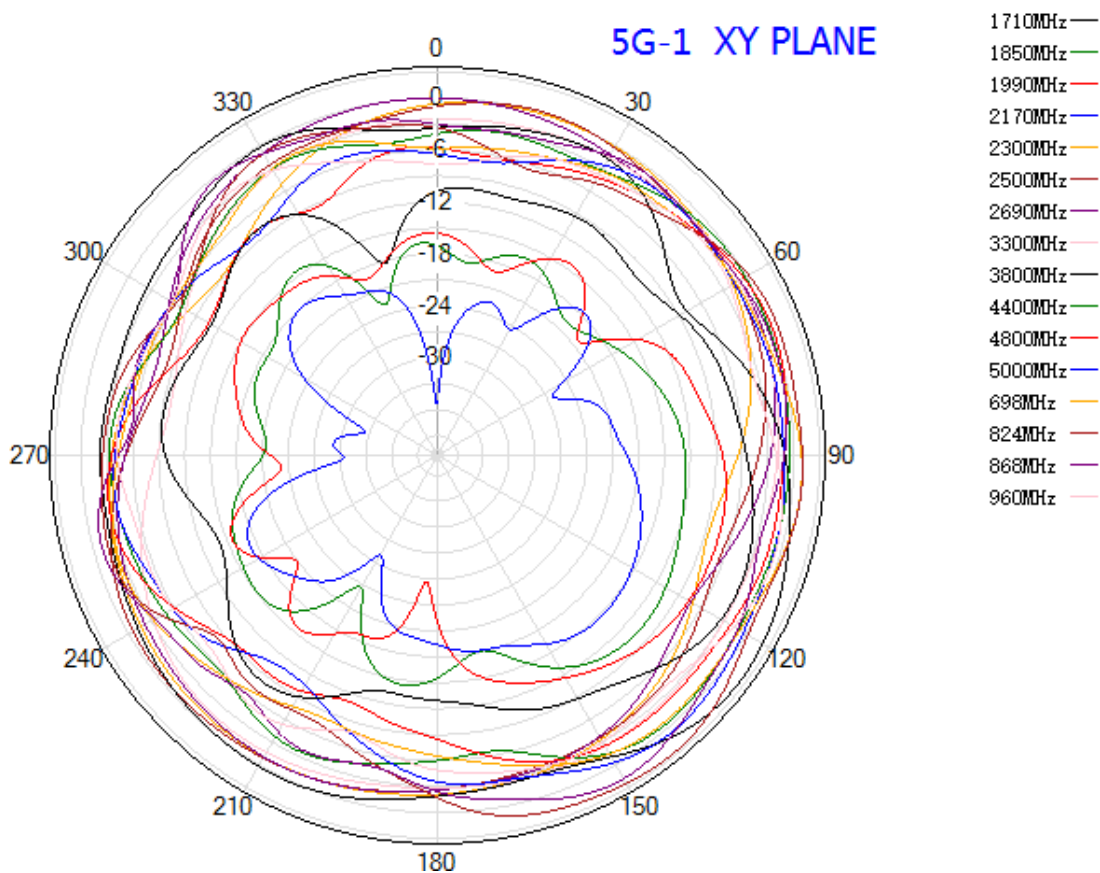


YZ-PLANE



NR Antenna

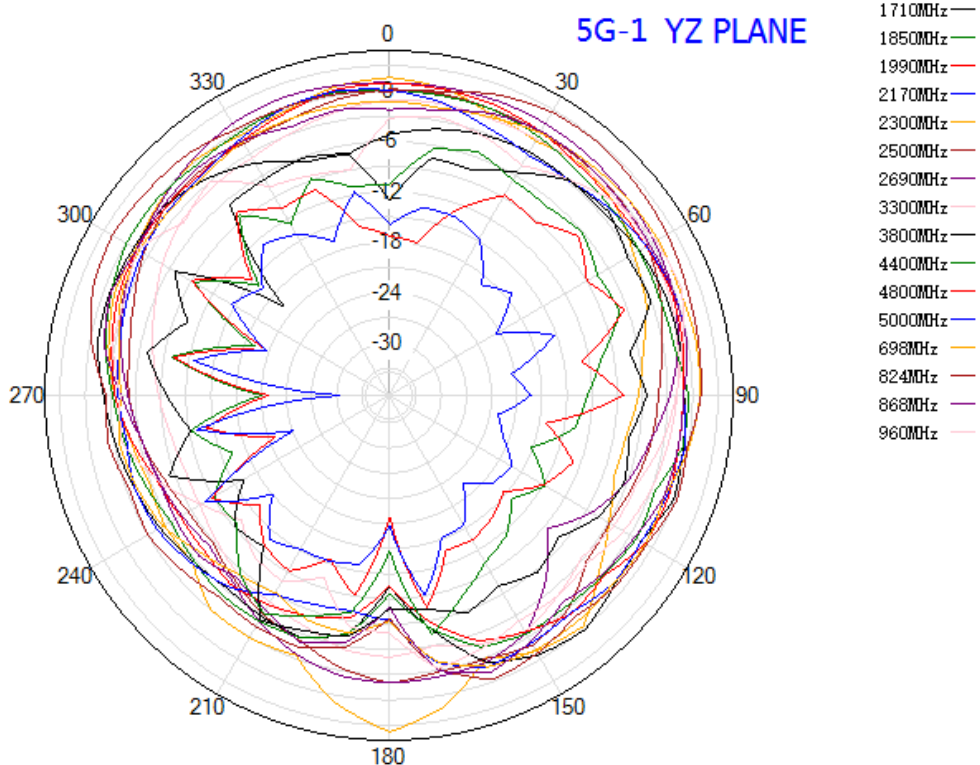
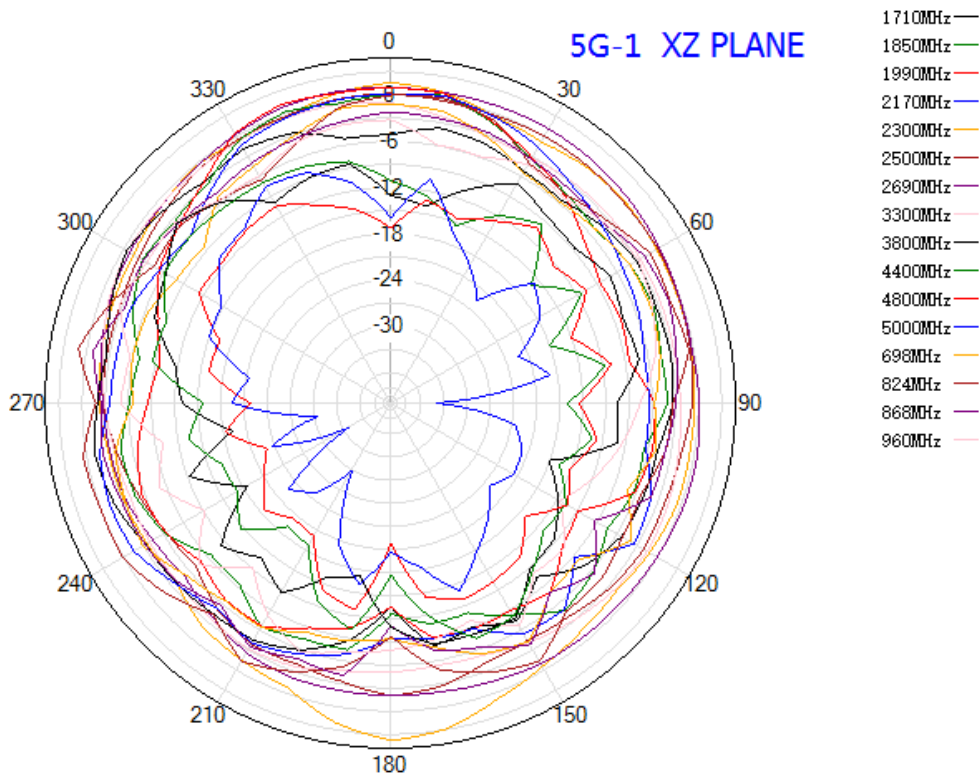
5G-1 XY PLANE



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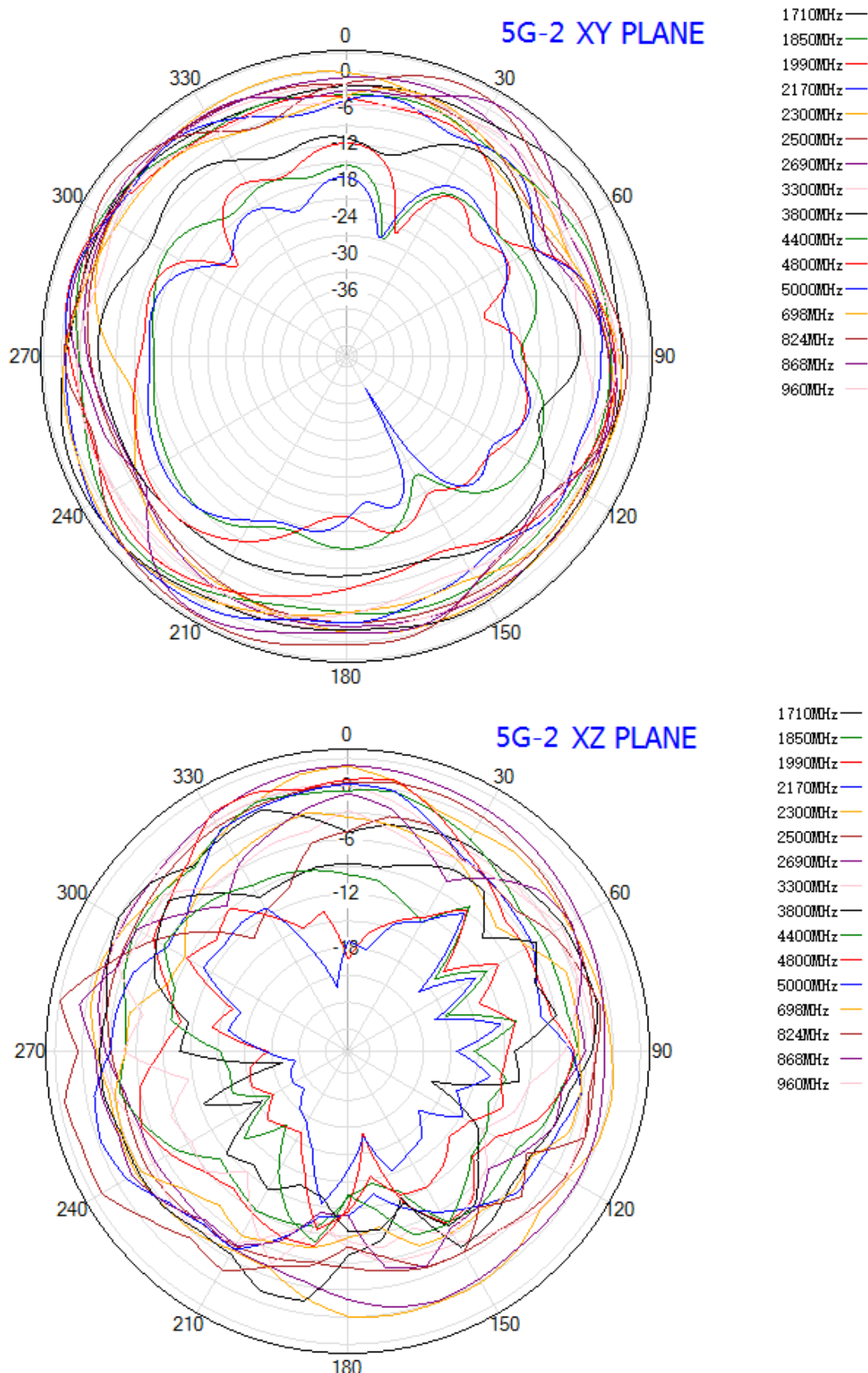


Tone Spread  
Solutions for Wireless Signal

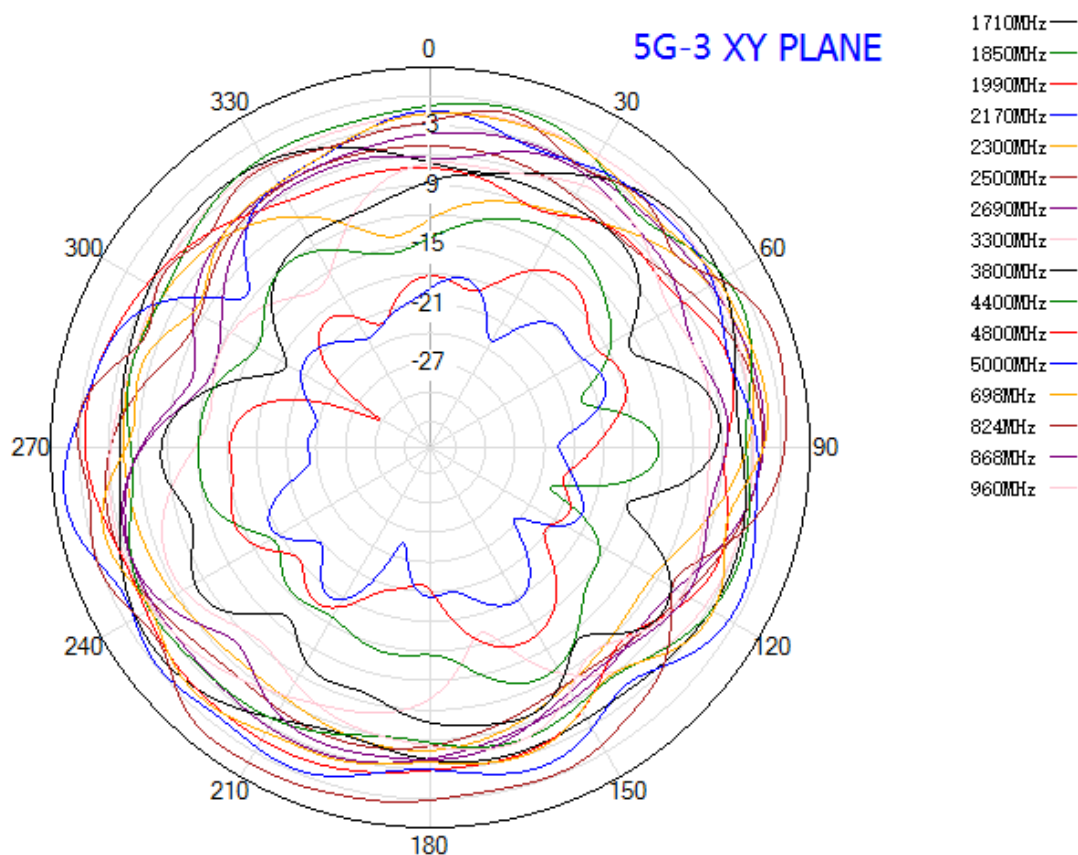
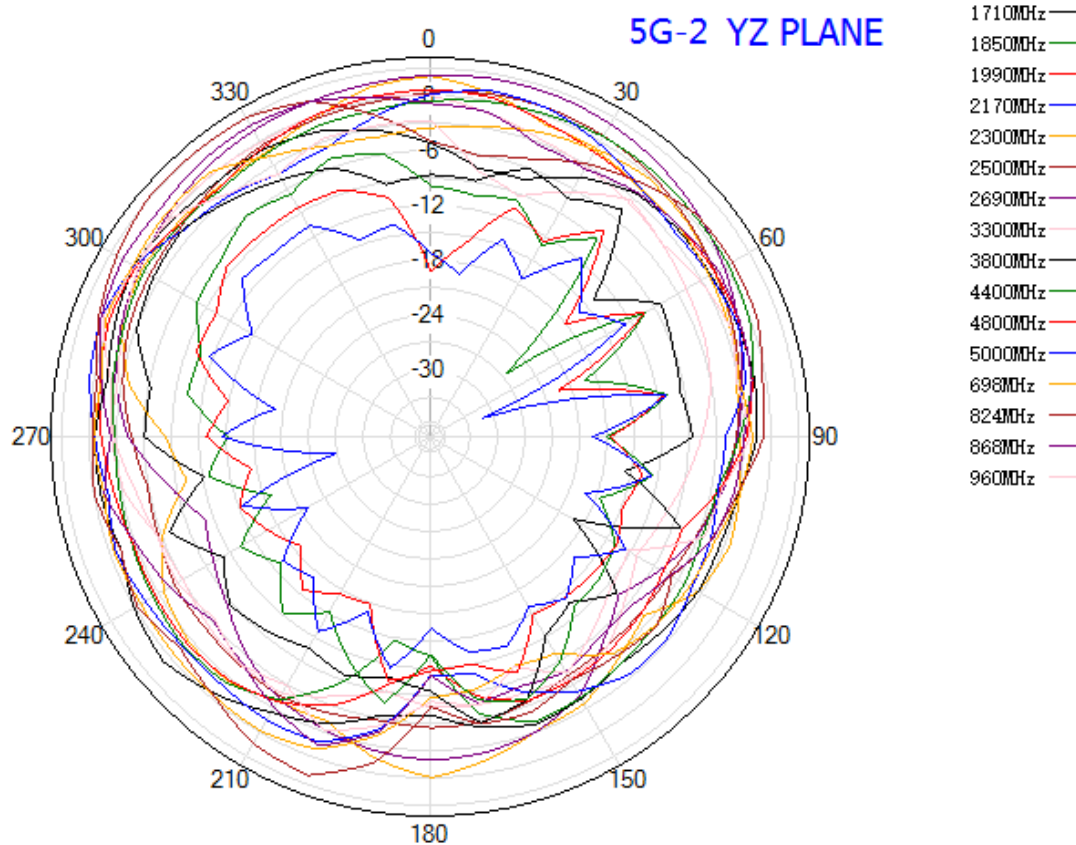




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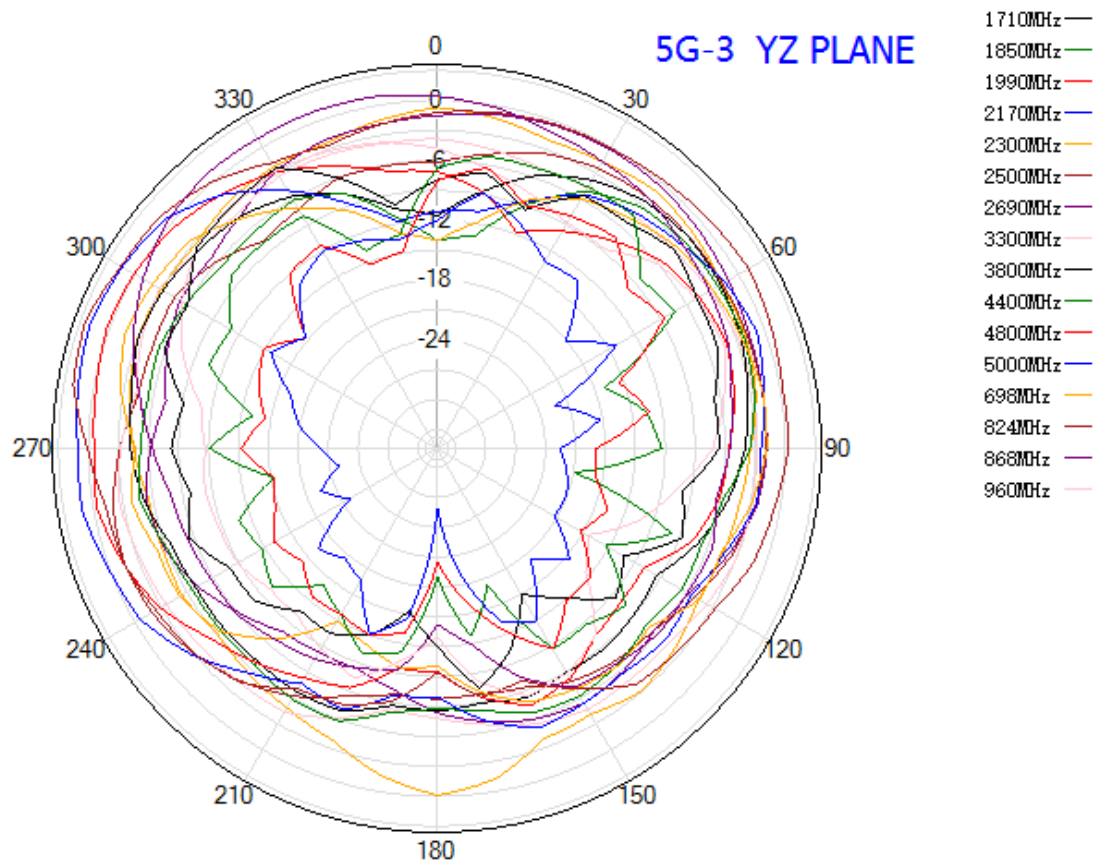
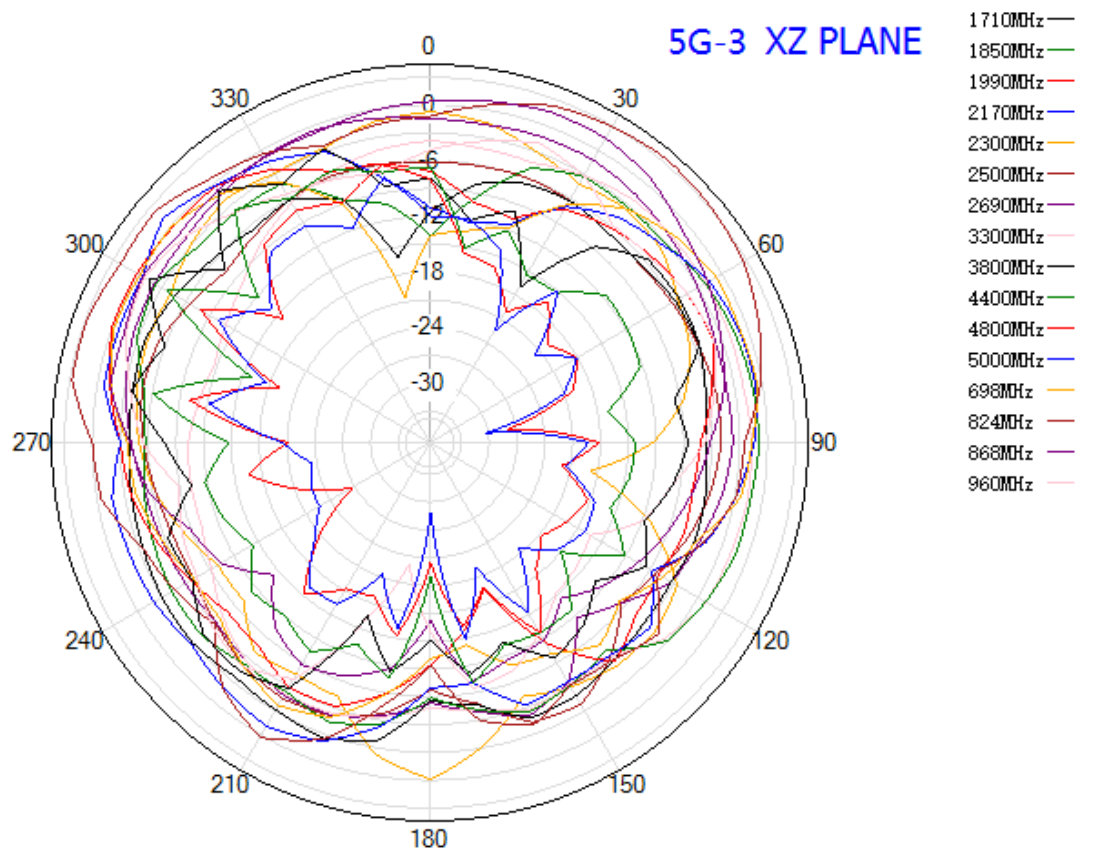


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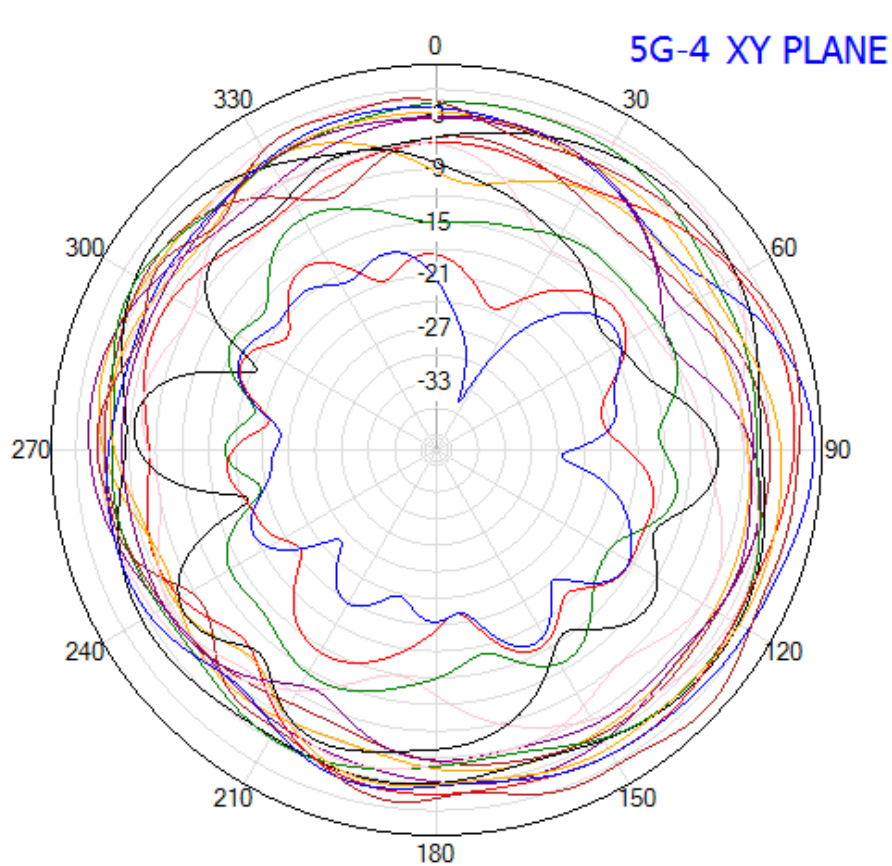




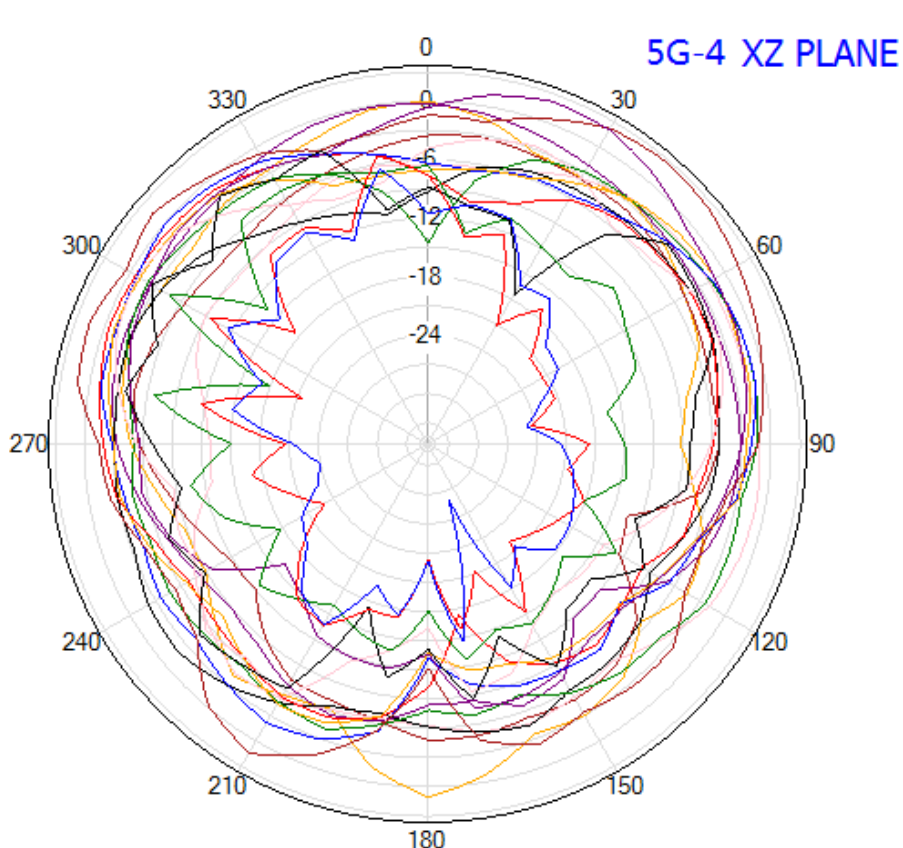
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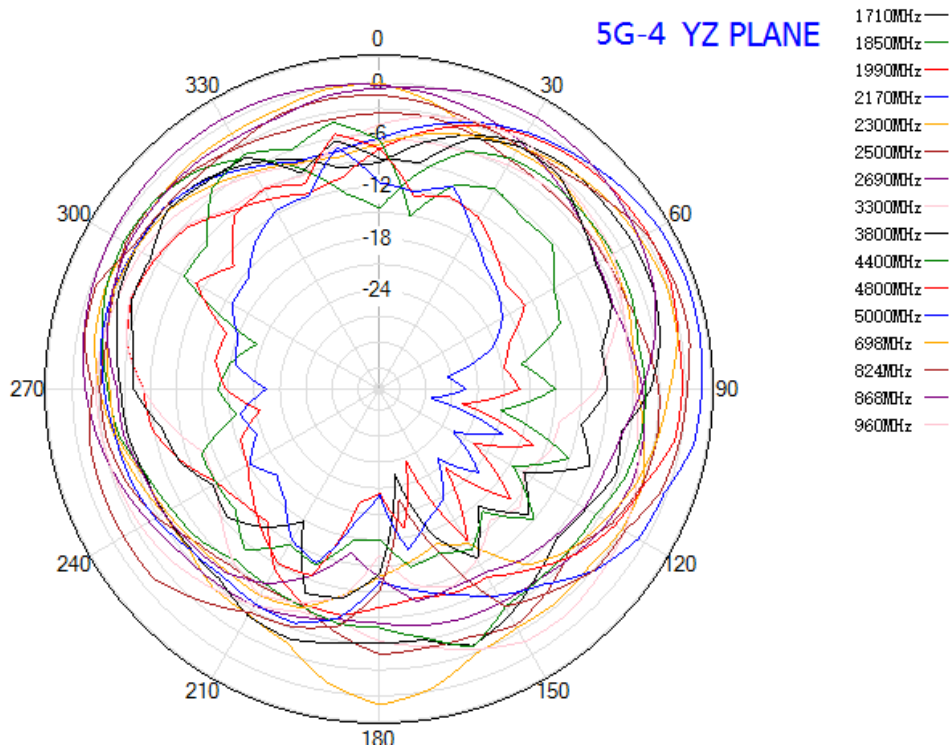


- 1710MHz —
- 1850MHz —
- 1990MHz —
- 2170MHz —
- 2300MHz —
- 2500MHz —
- 2690MHz —
- 3300MHz —
- 3800MHz —
- 4400MHz —
- 4800MHz —
- 5000MHz —
- 698MHz —
- 824MHz —
- 868MHz —
- 960MHz —

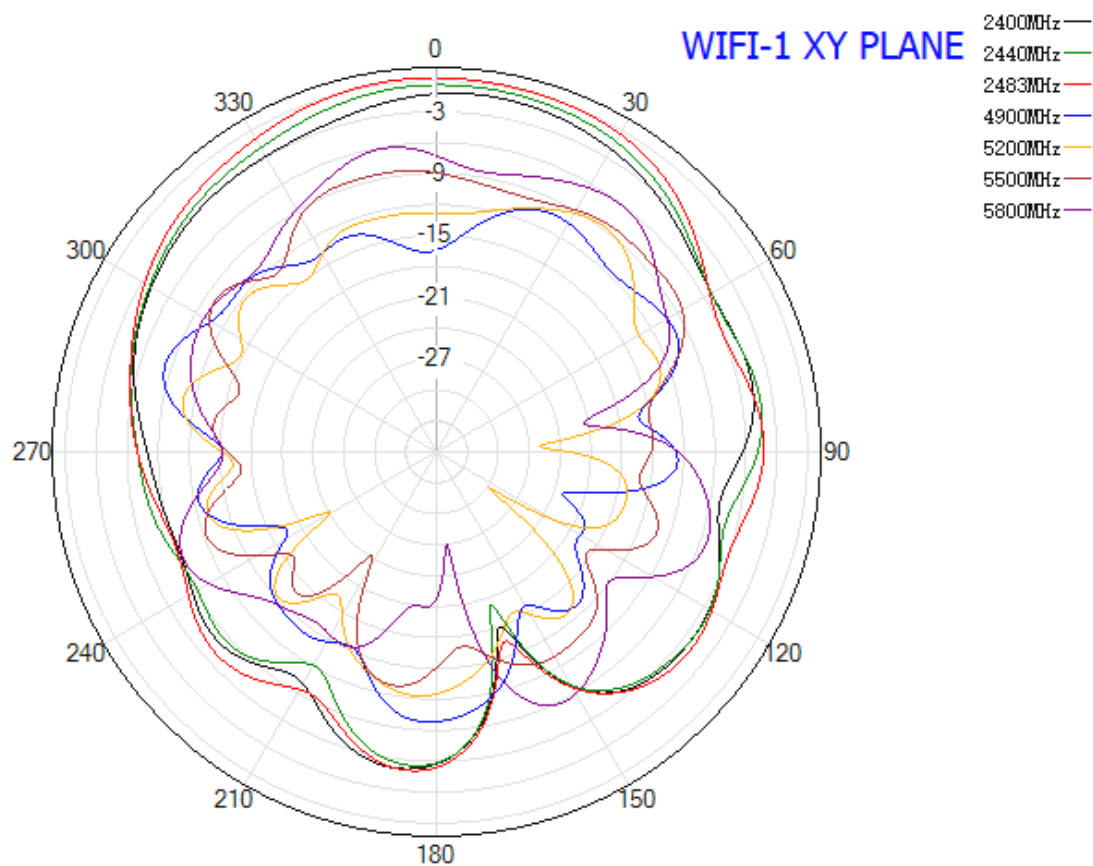


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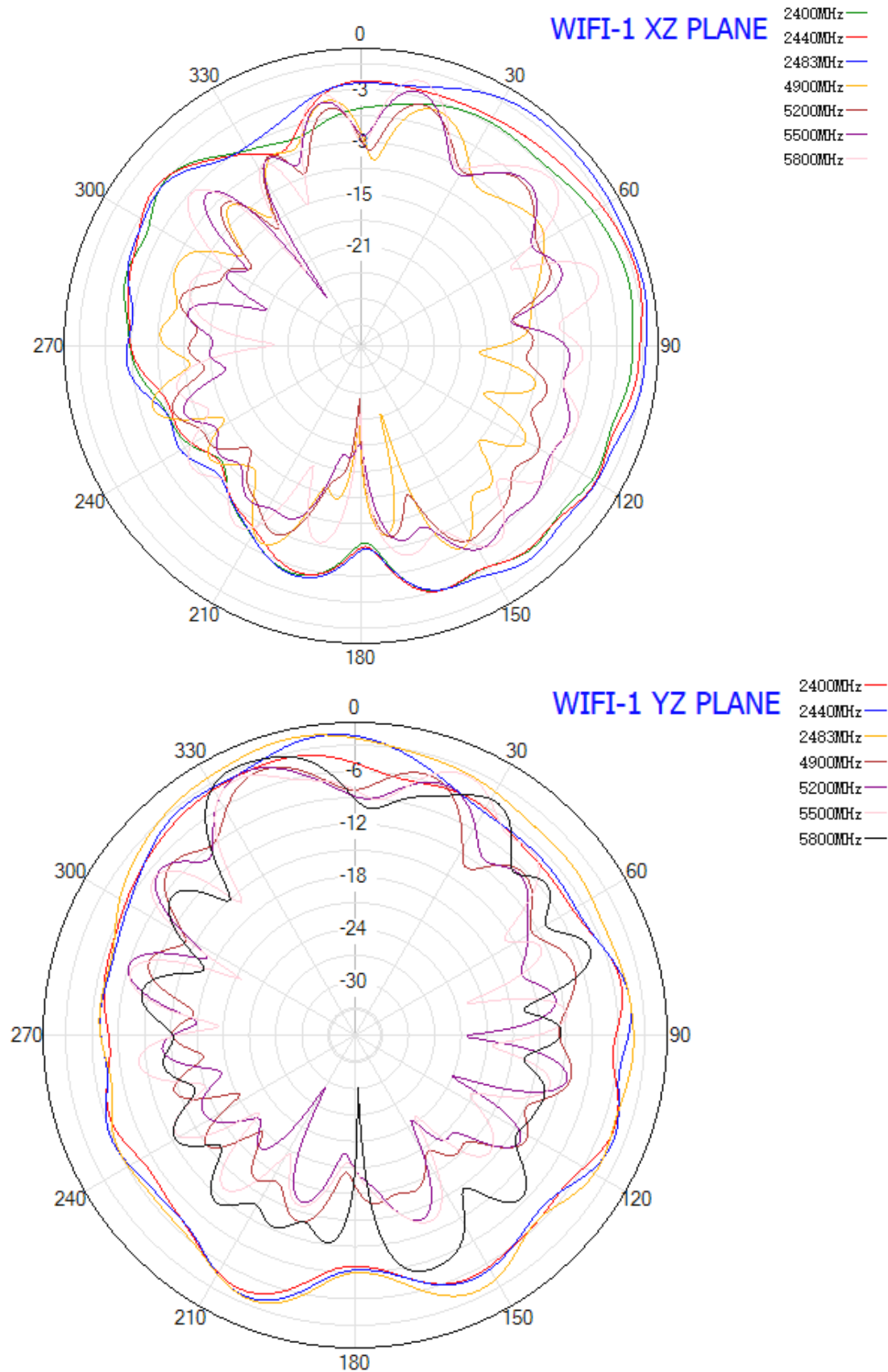
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WIFI Antenna

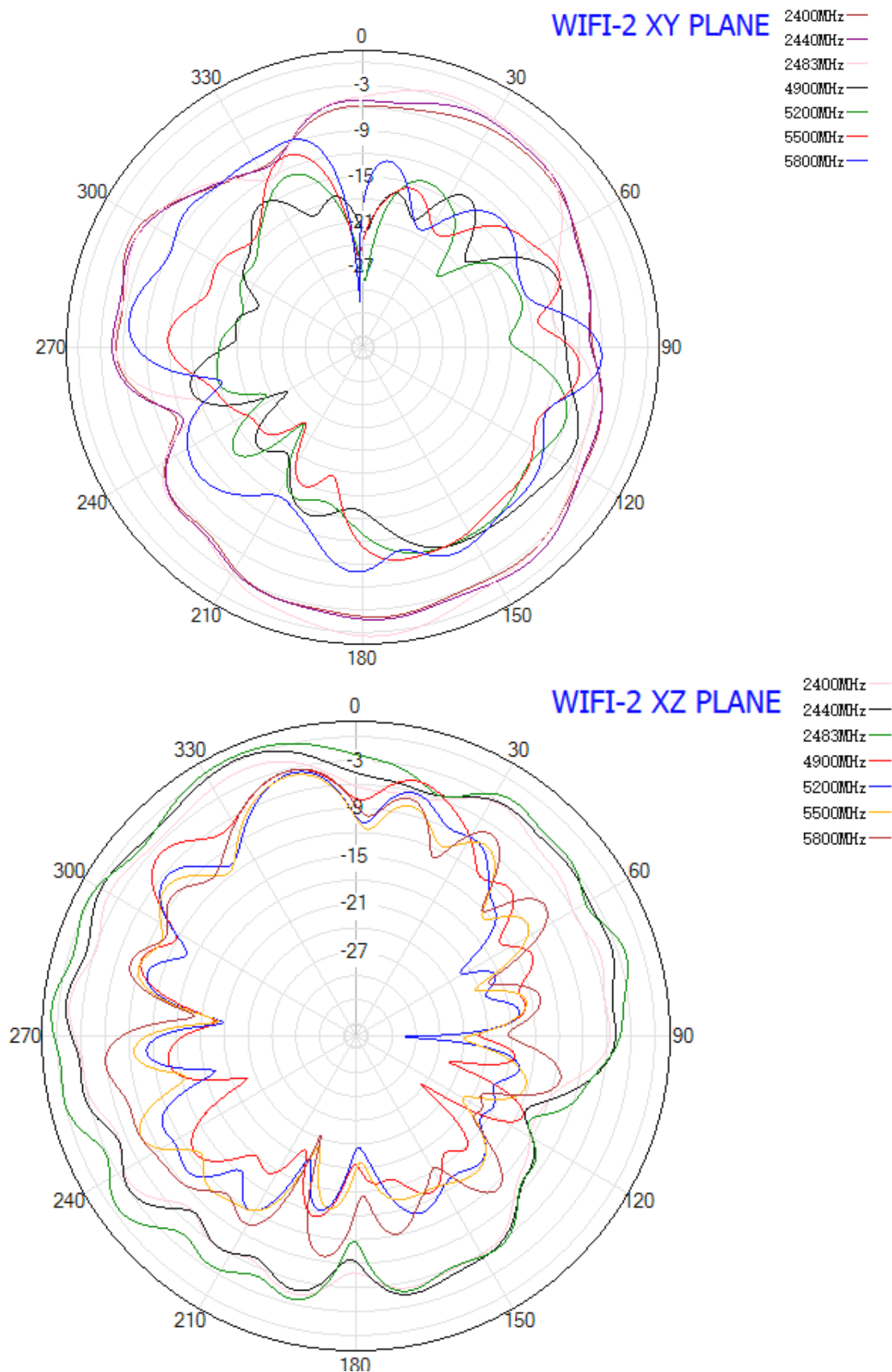


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