

Antenna Report

Frequency range and operation

Antenna 2:

- Wi-Fi2G/BT: 2.4 to 2.482 GHz
- WiFi5G: 5.15 to 5.85 GHz

Antenna type

Ant2: Cavity antenna

Antenna Gain

Band	WF/BT ANT2 2.4/5GHz
BT/BLE Band 2400–2480MHz	−1.2
2.4GHz Band 2400–2480MHz	−1.2
5GHz Band I (5150–5250MHz)	−1.5
5GHz Band II-A (5250–5350MHz)	−0.8
5GHz Band II – C (5470–5725MHz)	0.6
5GHz Band III (5725–5850MHz)	0.3

Measurement Test method

Large circle cutting method

Test Equipment used

Test lab: WTT-SH

Test equipment: Agilent E5071C

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Test date: 2026/03/05

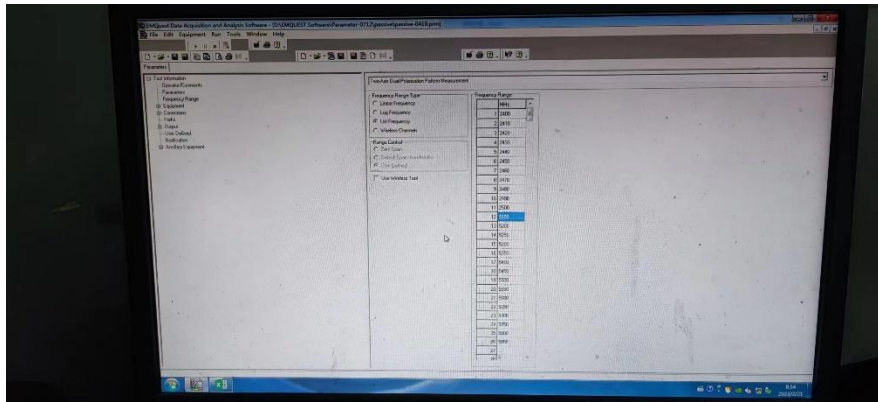
Chamber info: ETS_AMS8500

Gain measurement Lab info: ETS_AMS8500

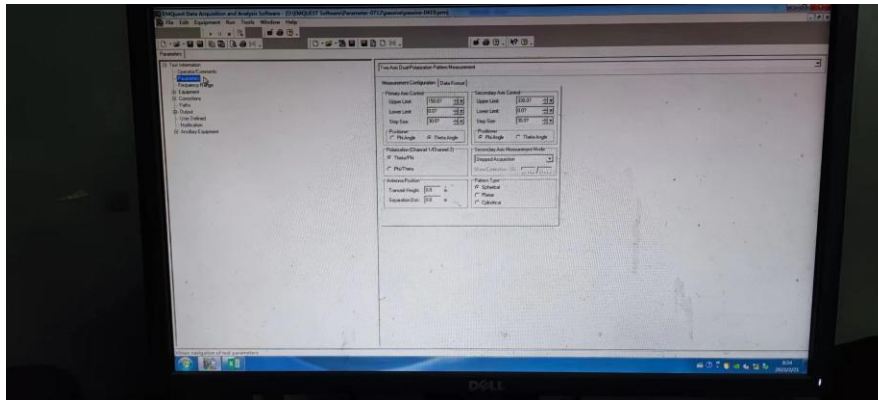
Calibration info: Agilent E5071C_2025/12/11

Test set up and block diagram of test setup

Set frequency point



Set test angle

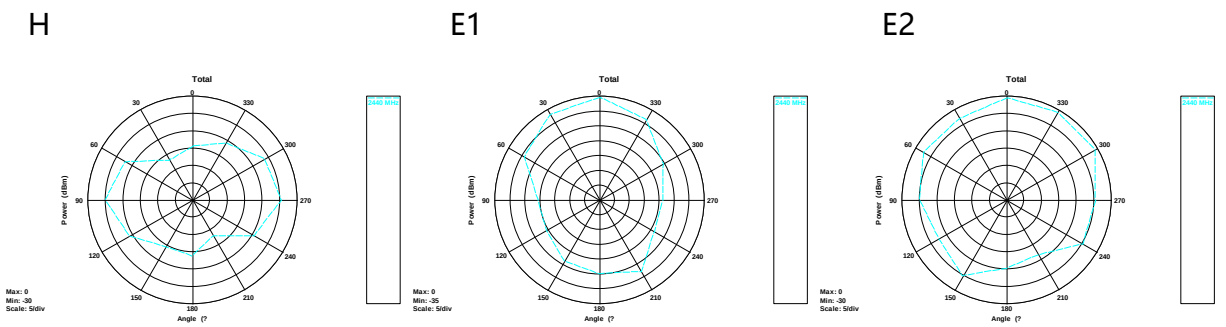


Antenna Radiation Pattern

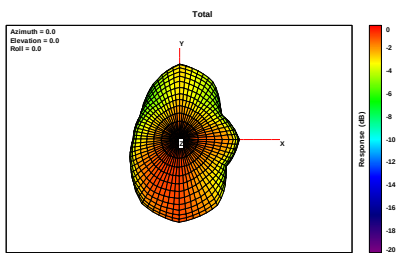
Antenna 2: Wi-Fi2G/5G /BT

2440MHz

2D

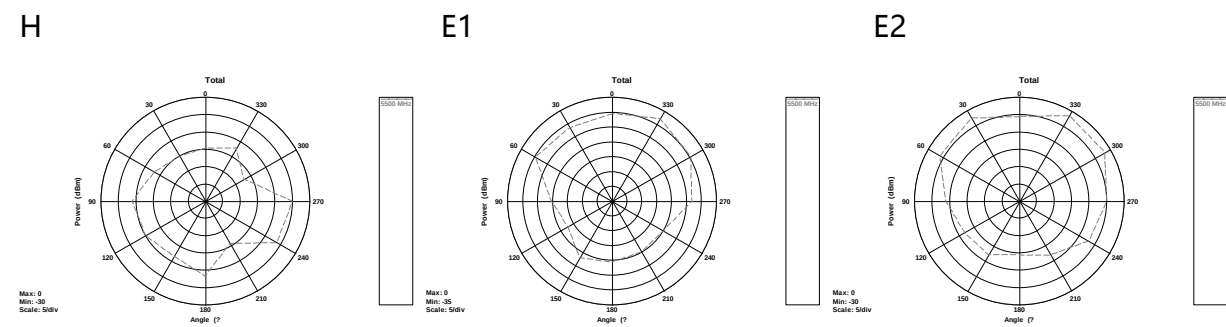


3D



5500MHz

2D



3D

