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# Antenna Test Report

manufacture : Dongguan Lianxun Electronics Co., Ltd.

Material number: NB0023-A01

Material requirements: FPC

Antenna Type : BT/WIFI Antenna

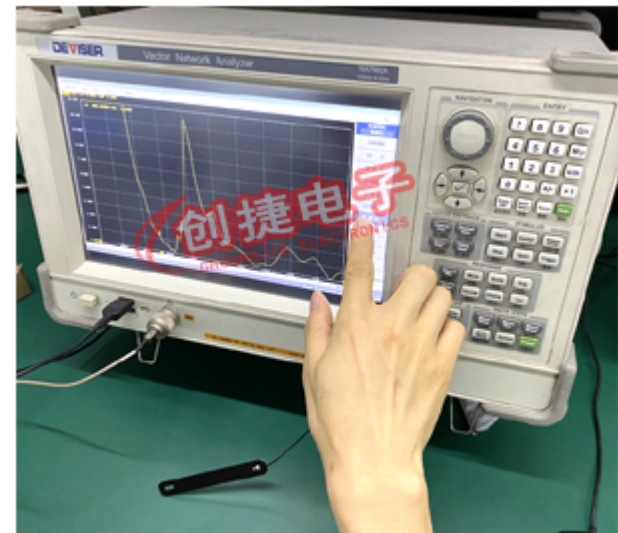
Color: Black

# test environment

- The antenna characteristics use the ETS test system microwave anechoic chamber, the size of the microwave anechoic chamber is 7m x 4m x 3m, and the test frequency is 700MHz--6GHz.
- S11 testing using Agilent E5071B network analyzer

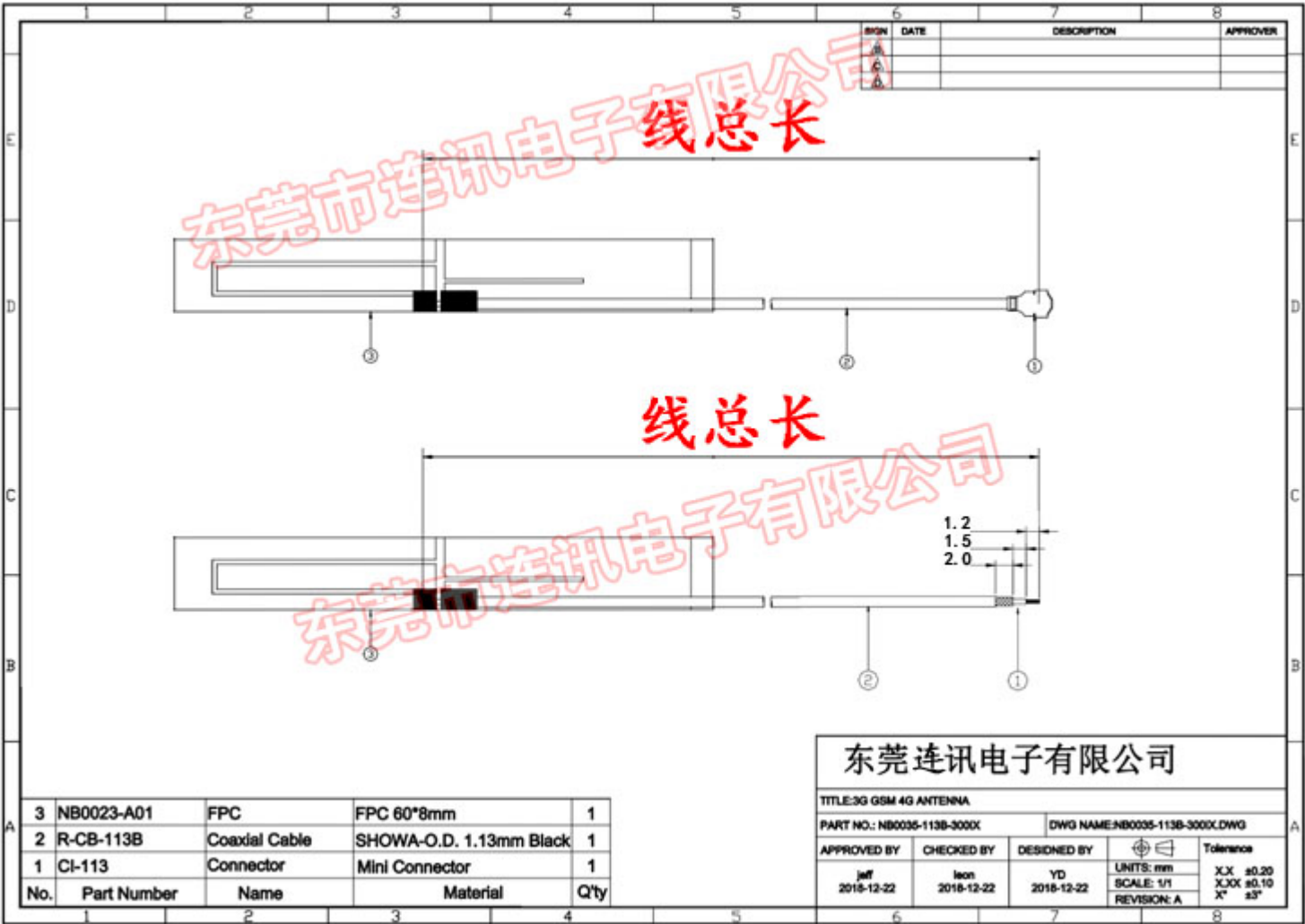


anechoic chamber

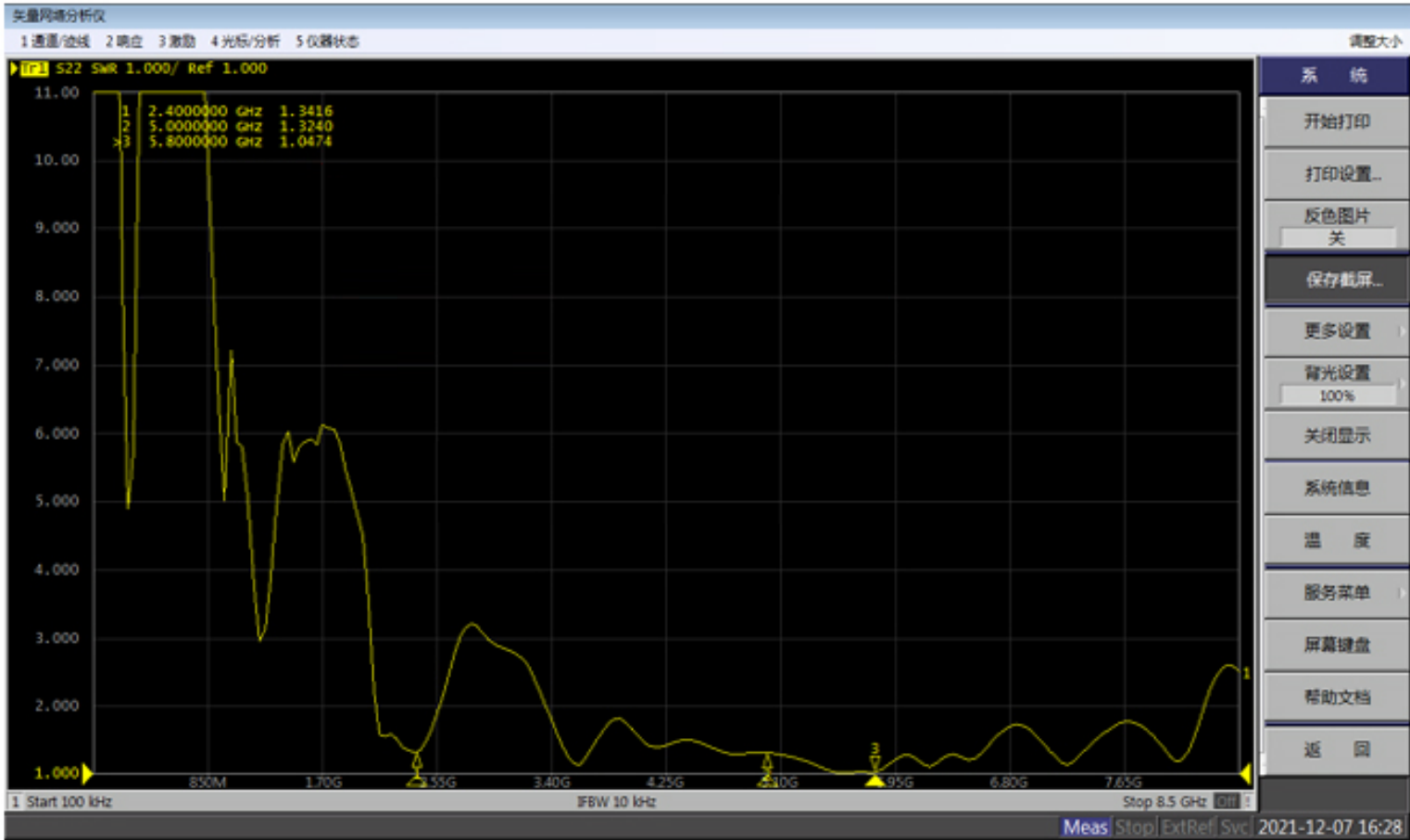


Agilent E5071B Network Analyzer

# Antenna Specifications

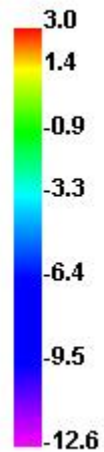
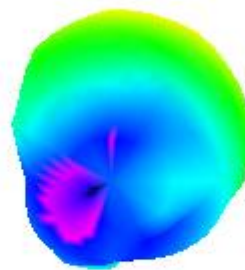


# Antenna passive

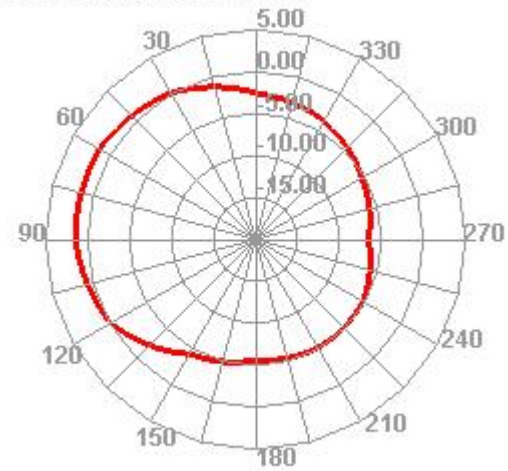


| Passive Test For WII2.4 |       |       |       |
|-------------------------|-------|-------|-------|
| Freq                    | Effi  | Effi  | Gain  |
| (MHz)                   | (%)   | (dB)  | (dBi) |
| 2400                    | 60.14 | -2.21 | 1.50  |
| 2410                    | 57.44 | -2.41 | 1.13  |
| 2420                    | 52.63 | -2.79 | 0.76  |
| 2430                    | 51.78 | -2.86 | 0.58  |
| 2440                    | 56.23 | -2.5  | 0.38  |
| 2450                    | 58.47 | -2.33 | 0.27  |
| 2460                    | 54.06 | -2.67 | 0.28  |
| 2470                    | 45.1  | -3.46 | -0.09 |
| 2480                    | 44.71 | -3.5  | -0.46 |
| 2490                    | 50.32 | -2.98 | -0.68 |
| 2500                    | 50.03 | -3.01 | -0.66 |

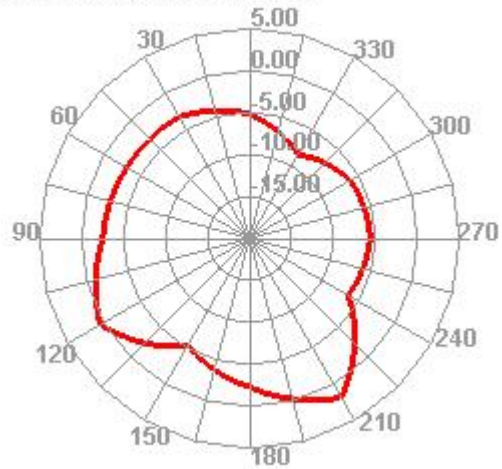
2400.000MHz



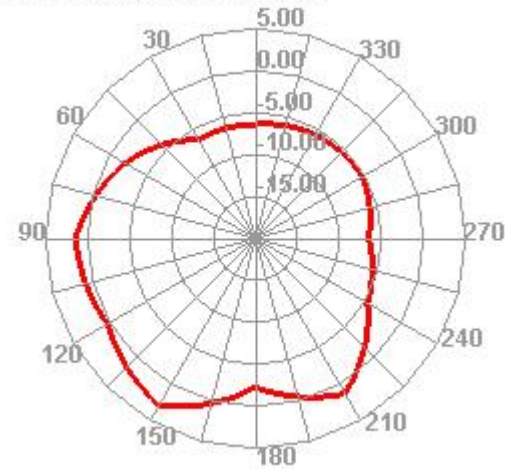
2400.000MHz H



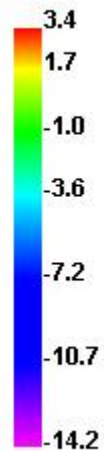
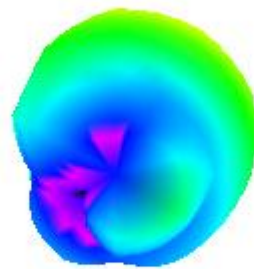
2400.000MHz E1



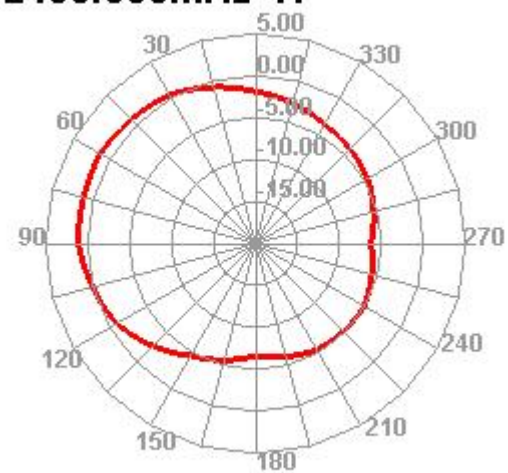
2400.000MHz E2



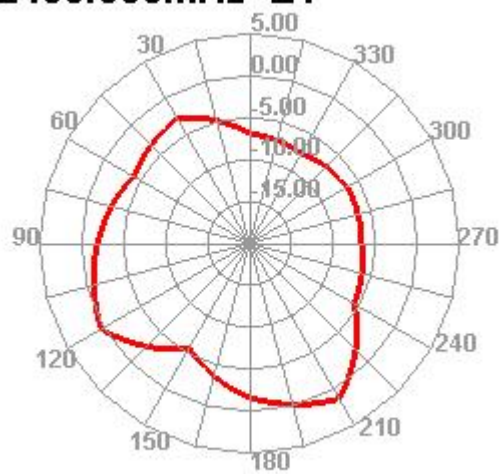
2450.000MHz



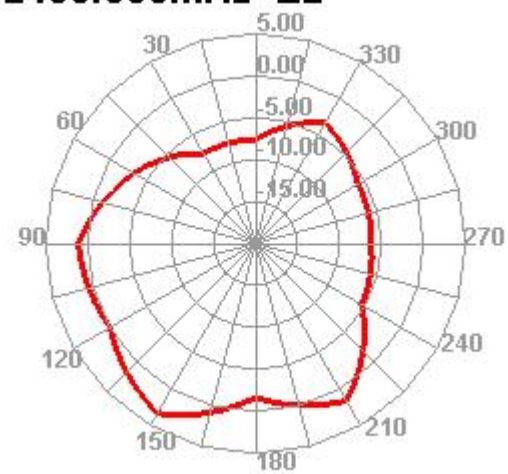
2450.000MHz H



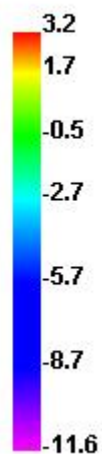
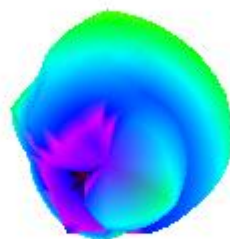
2450.000MHz E1



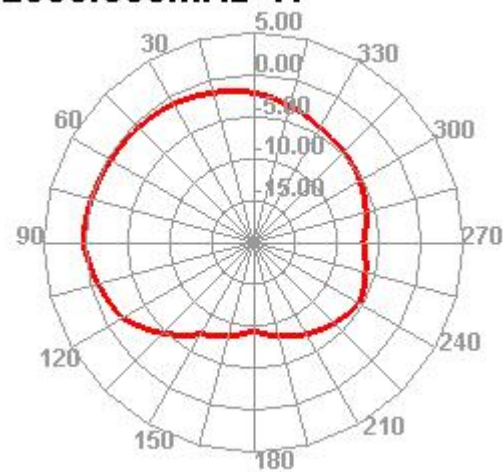
2450.000MHz E2



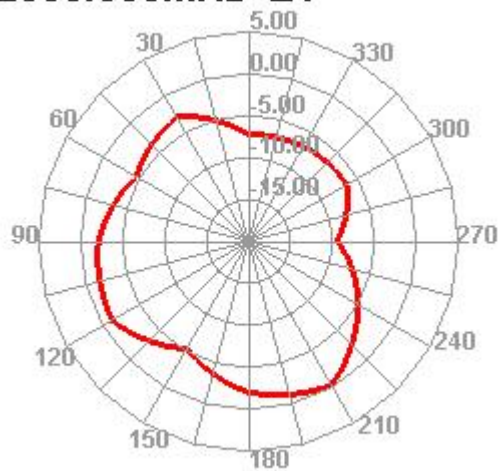
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

