N1-Bluetooth Test Report

2022.10.09

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DIRECTORY

1.Equipment Under Test (EUT) Description

Wireless Type	Bluetooth
Test Frequency Band	2400MHz-2500MHz
Brand name	NA
Antenna model	NVC-N1-299-V4
Hardware Version	N/A
Software Version	N/A
IMEI	N/A
Sample number	1#

2.Test Results

2.1.Test Conditions

Relative Humidity:	25 ... 75 %
Temperature:	+10 °C to +30 °C

2.2.Measurement Uncertainty

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in Measurement" (GUM) published by ISO

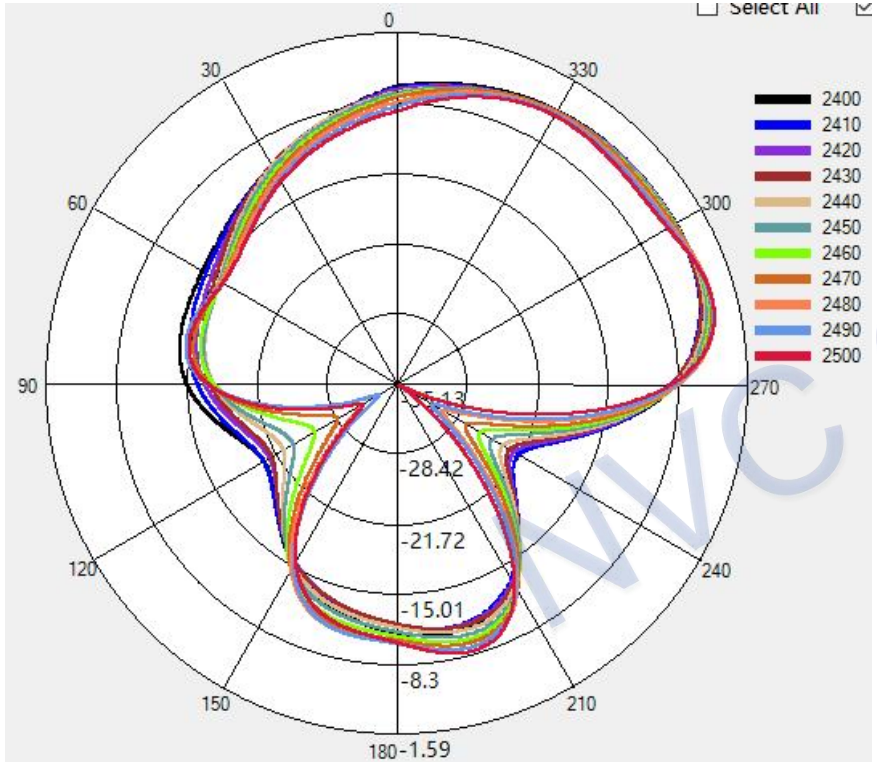
Item	Measurement Uncertainty(dB)
Gain	±0.5
VSWR	±0.2
Measurement Uncertainty(95% Confidence Interval) K=2	

2.3.Gain

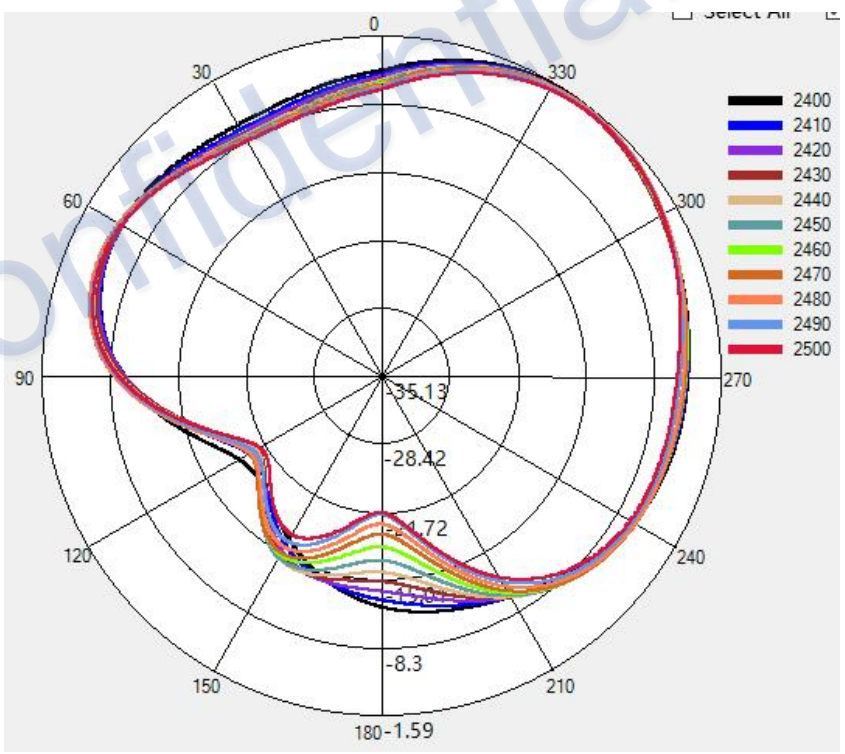
Freq.(MHz)	Gain(dBi)
2400	-0.77
2410	-0.8
2420	-0.94
2430	-0.95
2440	-0.96
2450	-1.02
2460	-1.19
2470	-1.22
2480	-1.26
2490	-1.5
2500	-1.54

2.4.2D Radiation Pattern

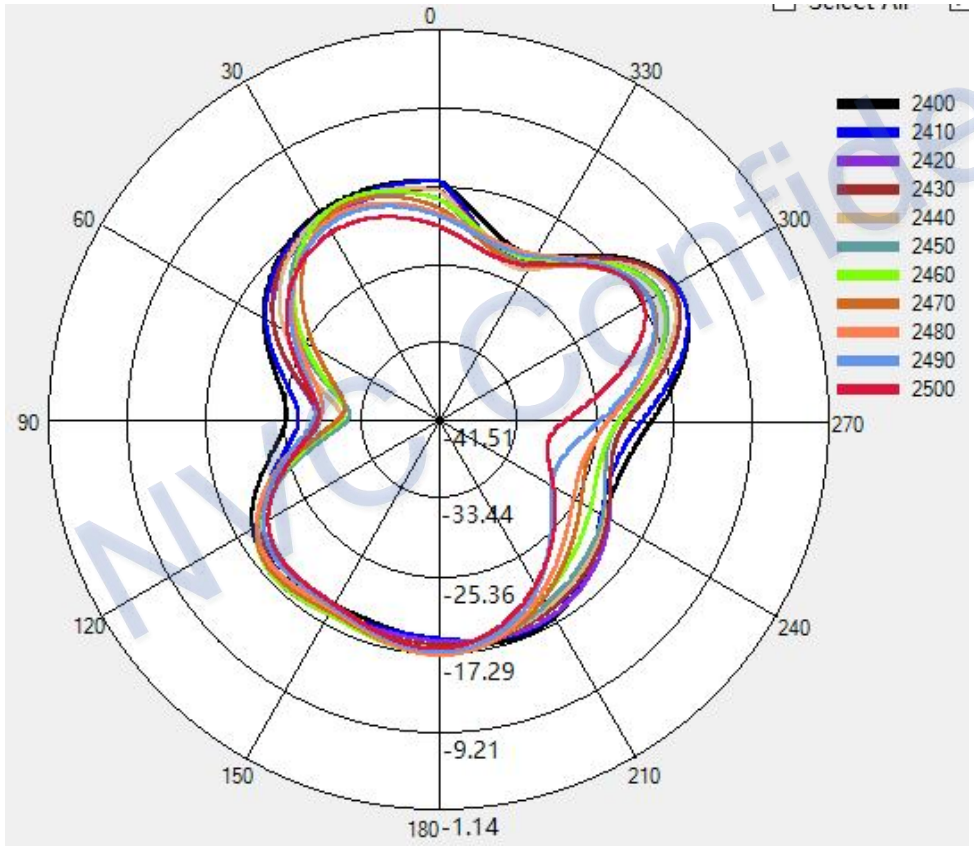
Phi=0°



Phi=90°

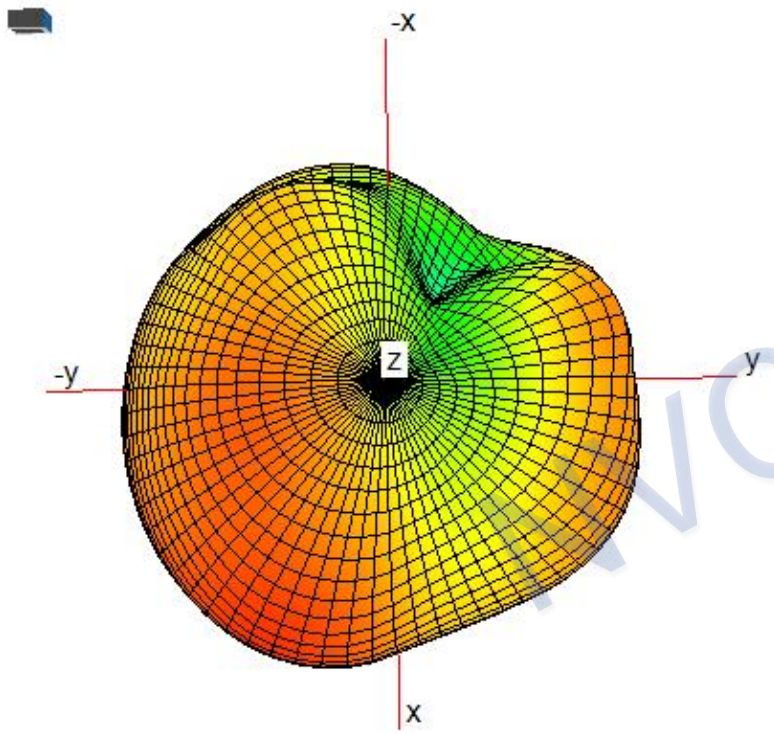


2.4.2D Radiation Pattern

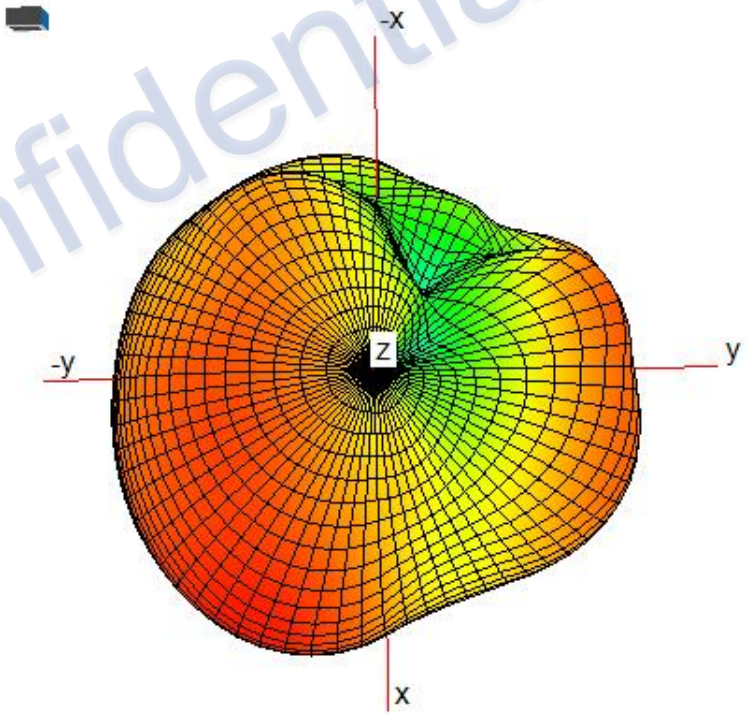


2.5.3D Radiation Pattern

2400MHz

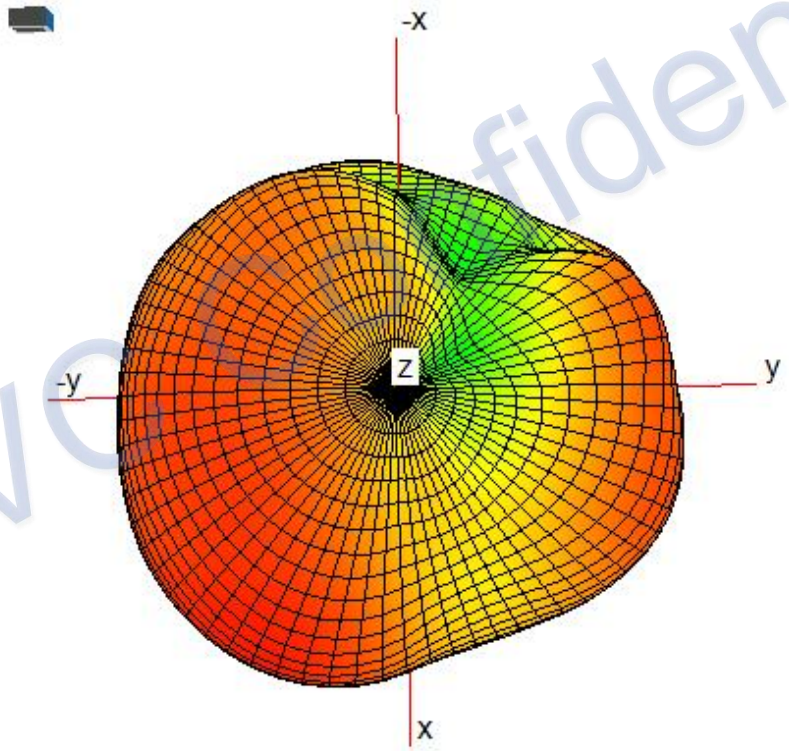


2450MHz

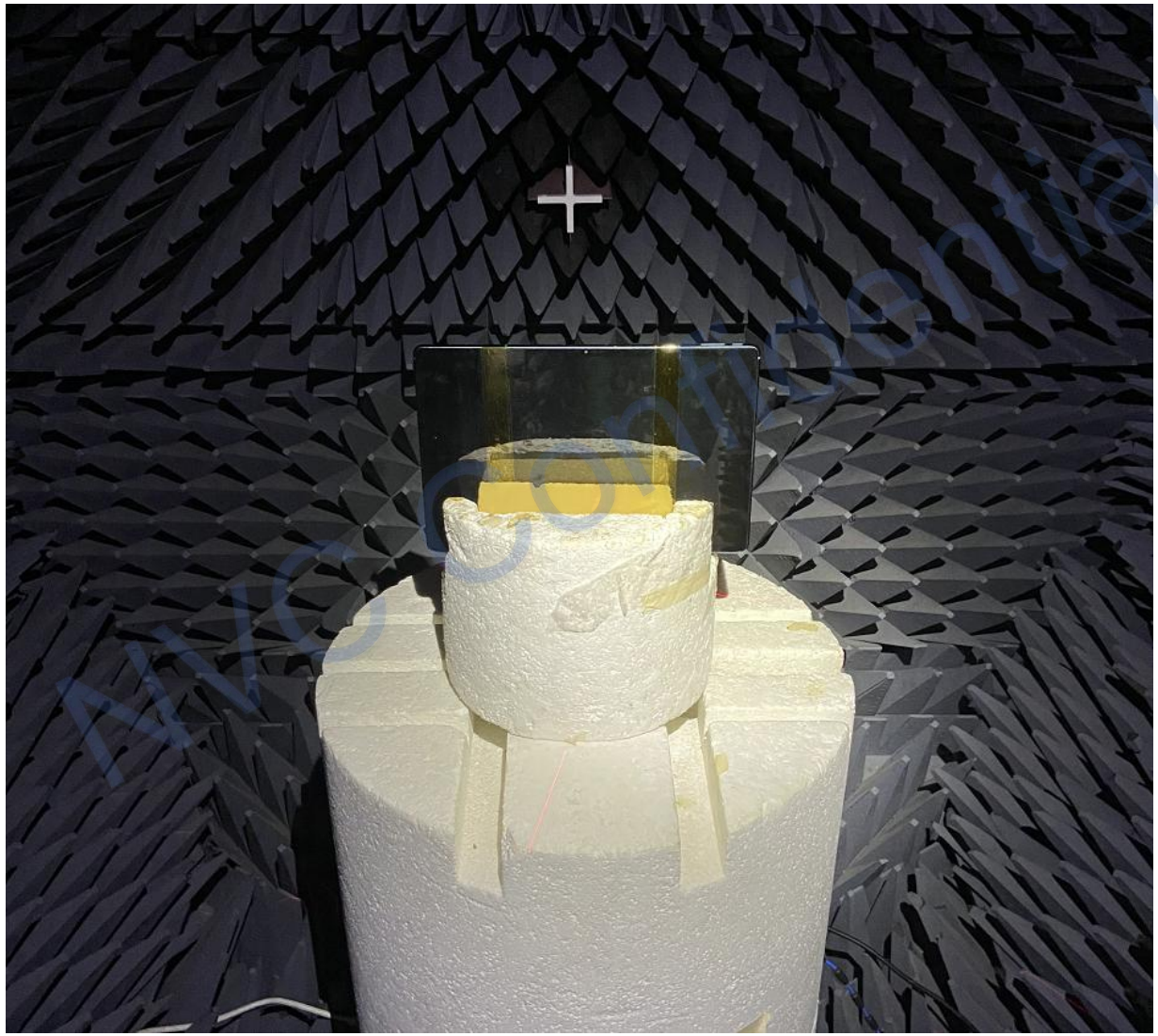


2.5.3D Radiation Pattern

2500MHz

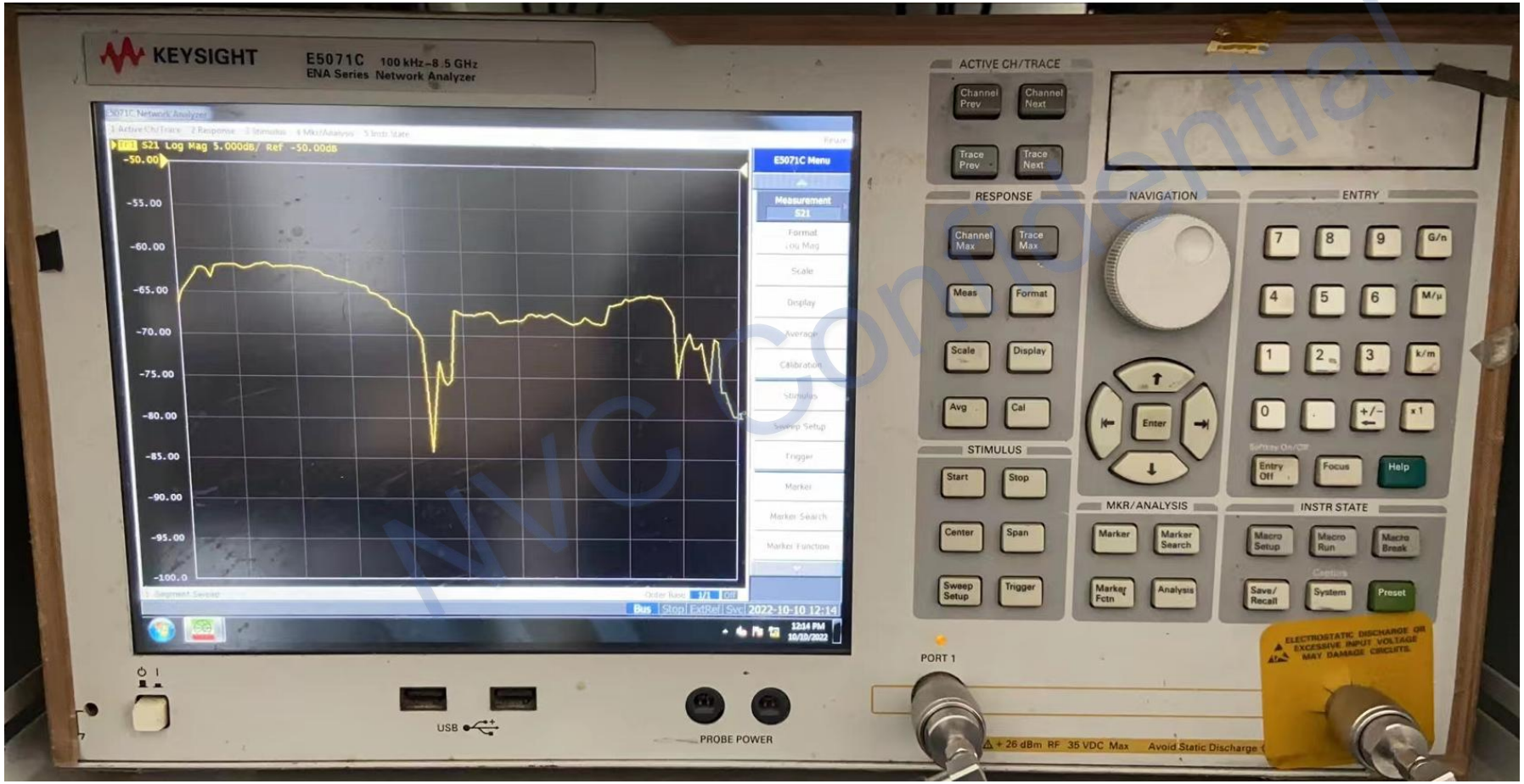


4.Test environment



4.Test environment

5071C Network Analyzer



4.Test environment

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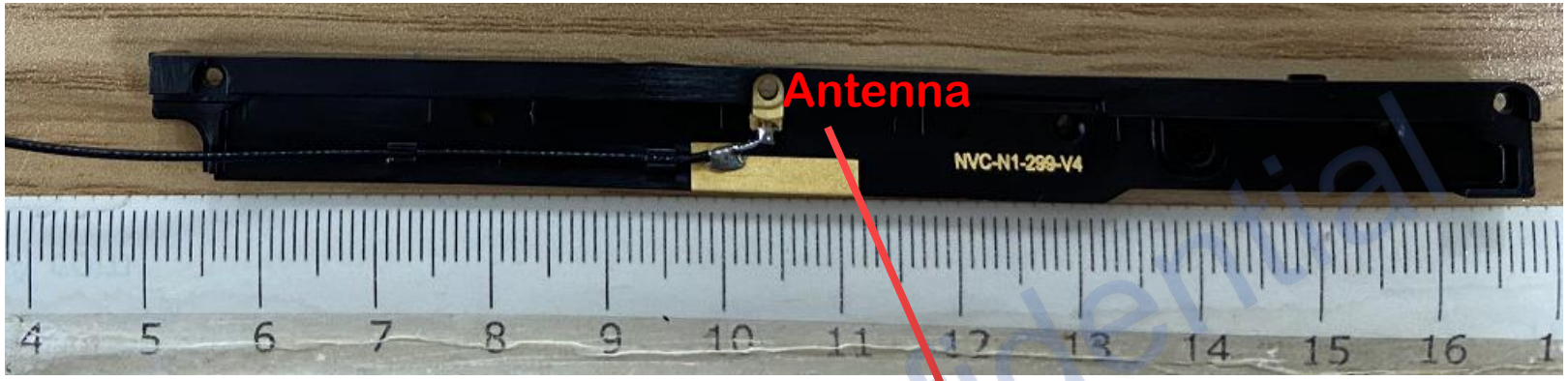
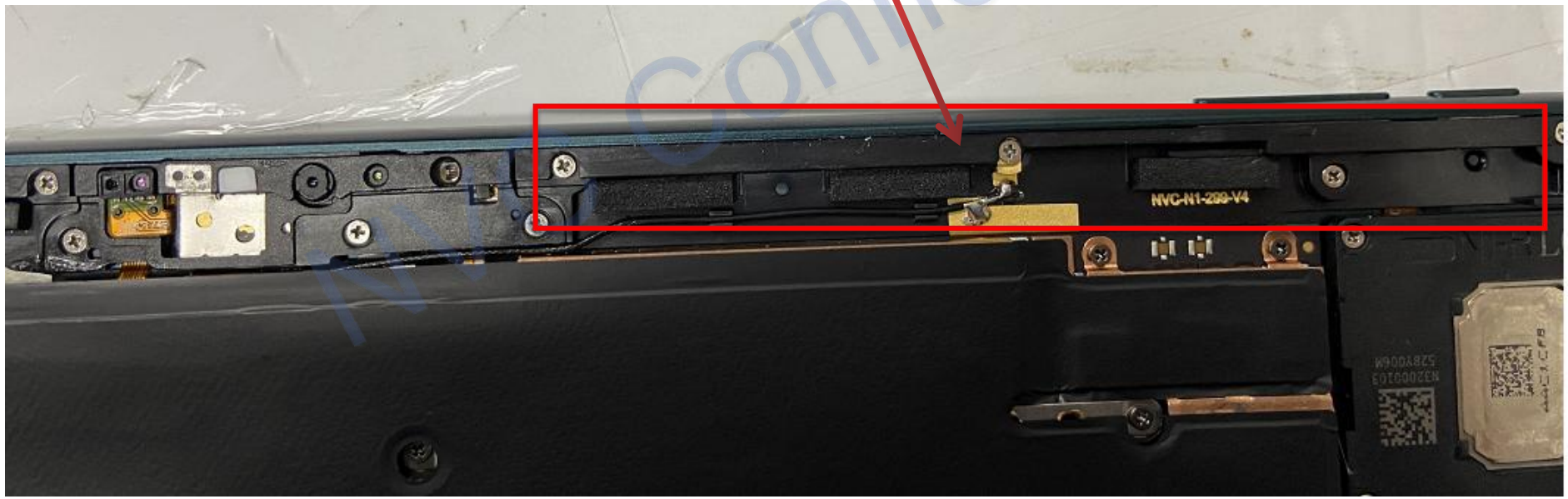
4.Test environment





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Thank You