

N1-Bluetooth Test Report

2022.10.09

NOVOCOMMS



DIRECTOR

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NVC Confidential

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.Test Results

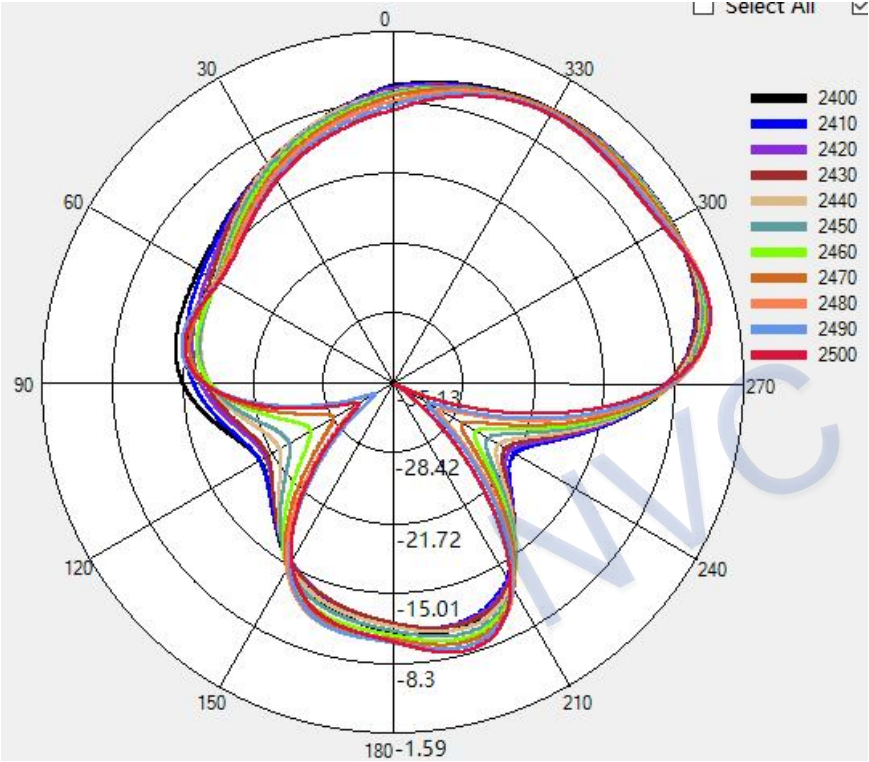
2.3.Gain

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

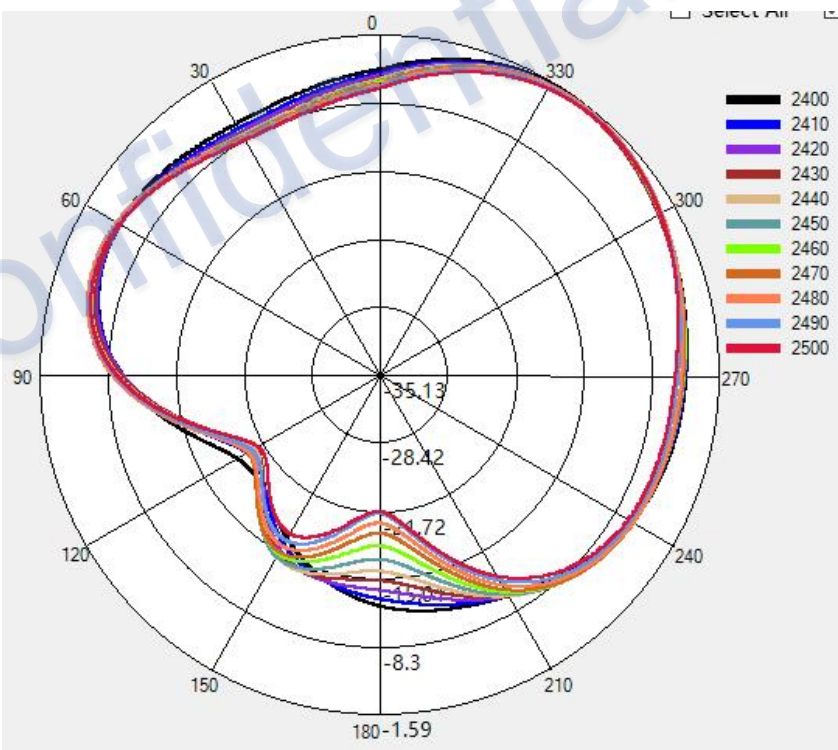
2.Test Results

2.4.2D Radiation Pattern

Phi=0°

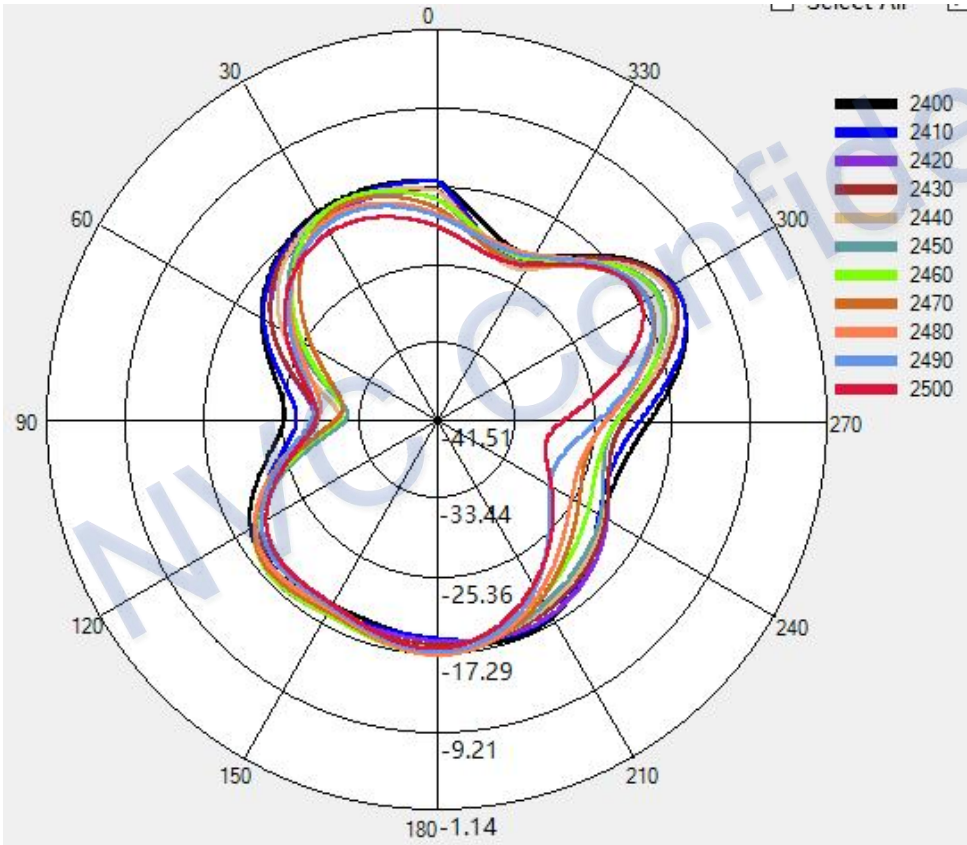


Phi=90°



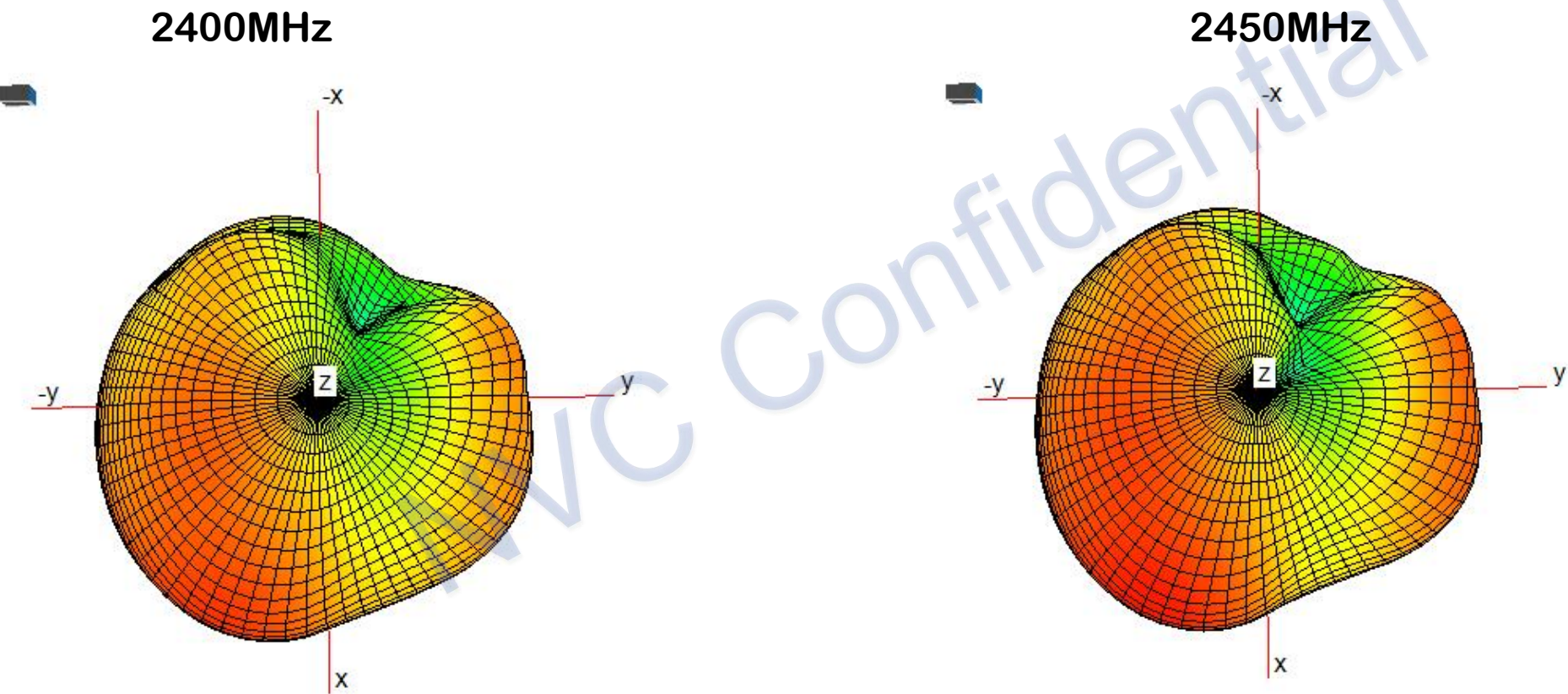
2.Test Results

2.4.2D Radiation Pattern



2.Test Results

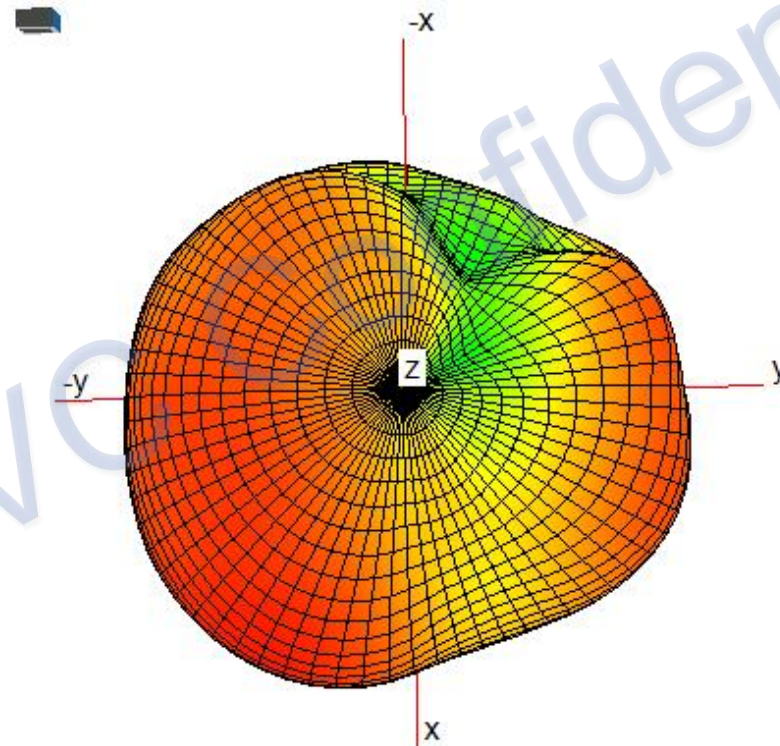
2.5.3D Radiation Pattern



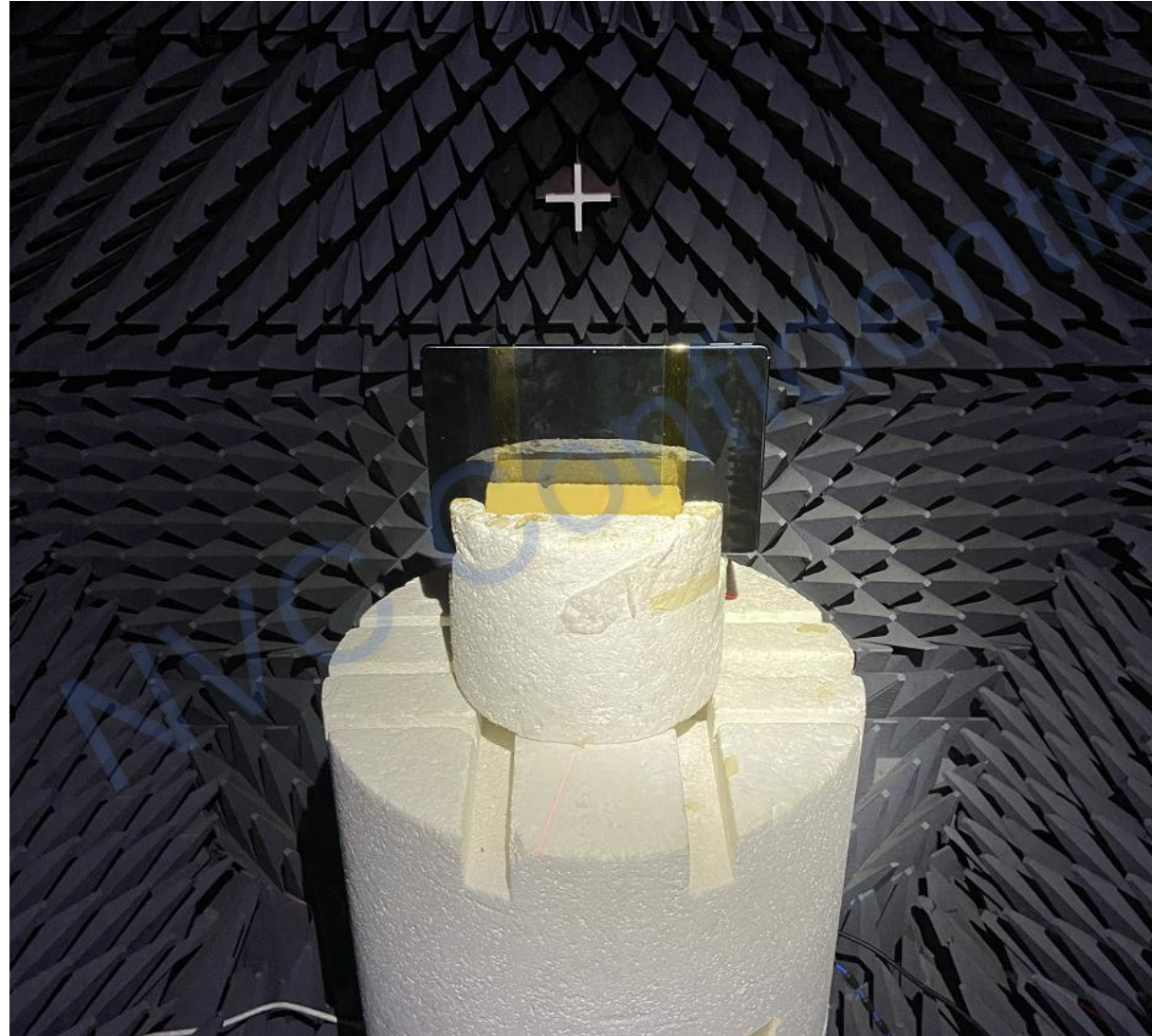
2.Test Results

2.5.3D Radiation Pattern

2500MHz

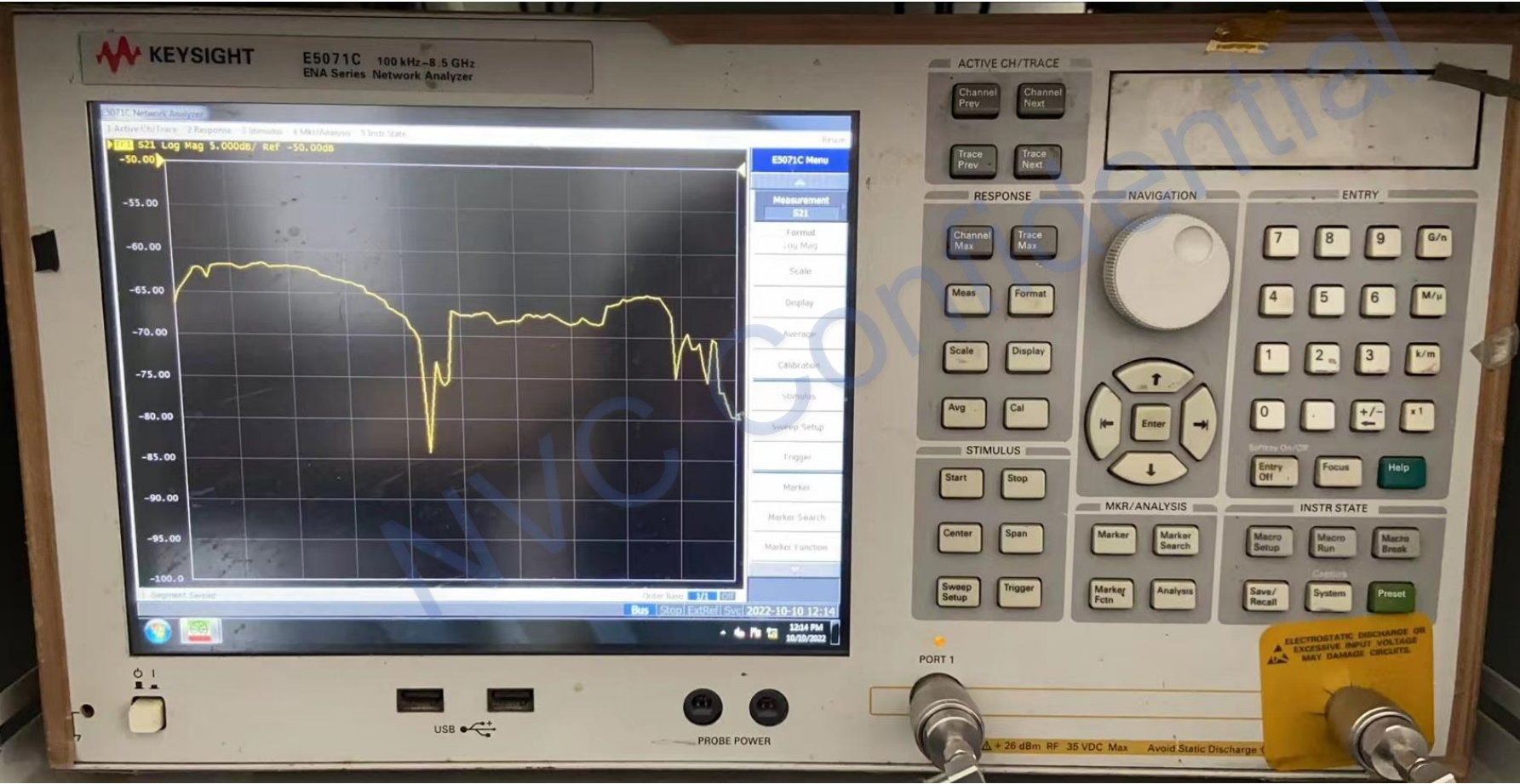


4. Test environment



4. Test environment

5071C Network Analyzer

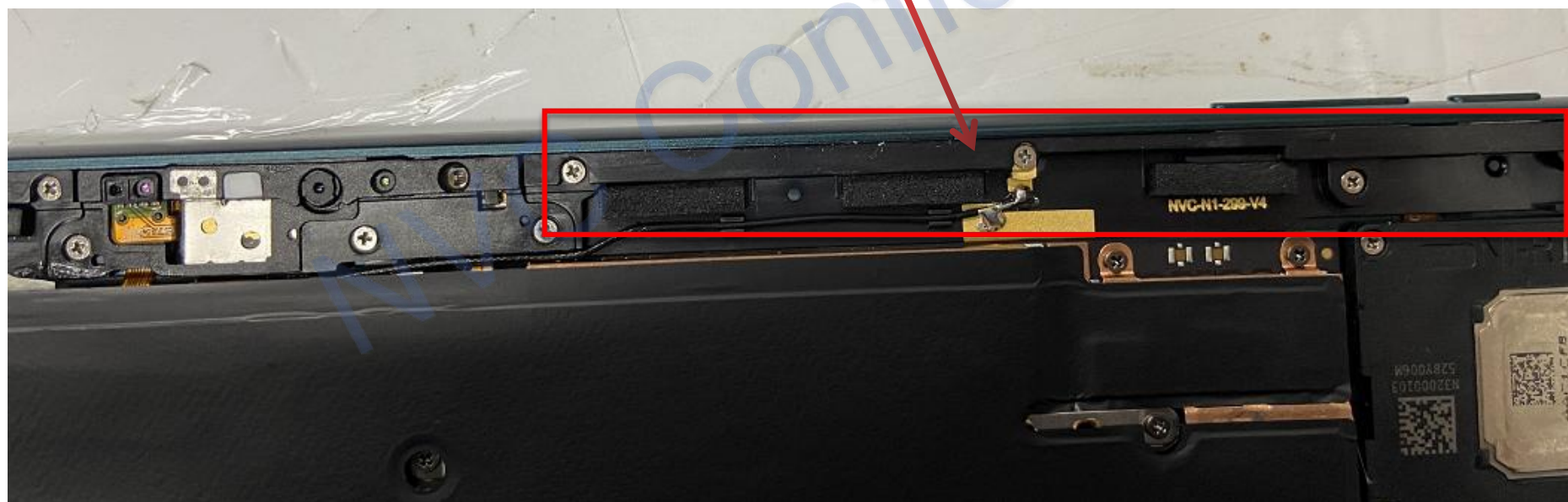
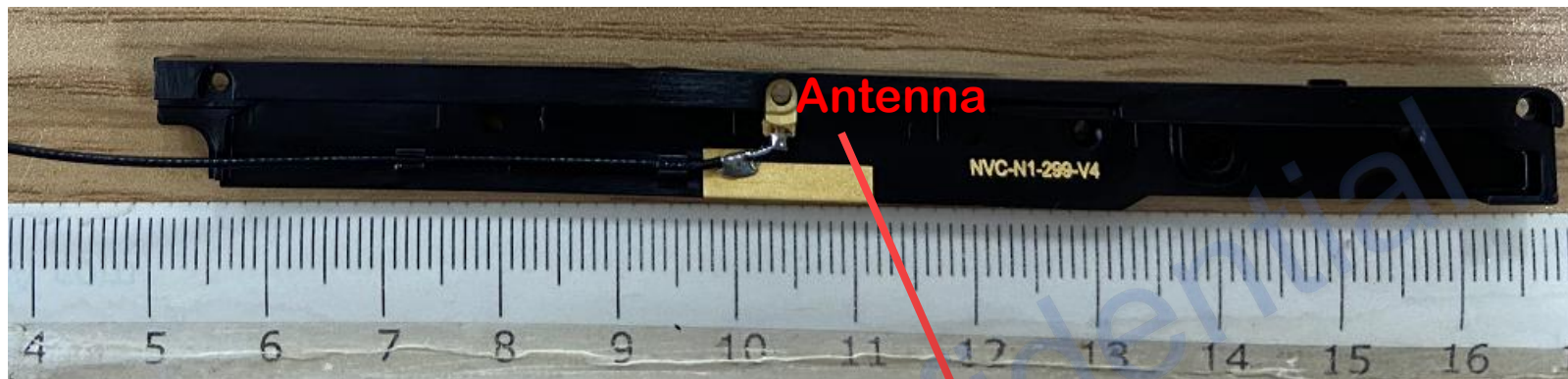


4. Test environment

CMW500



4. Test environment





Thank You

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