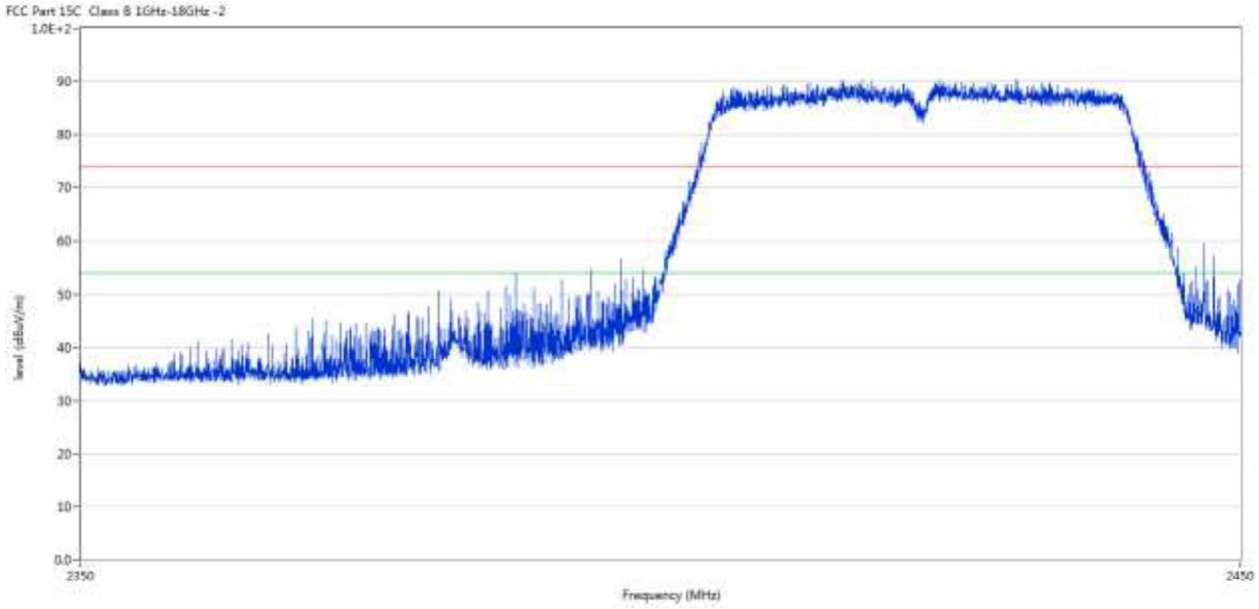

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2390.200	52.62	-3.53	74.0	-21.38	Peak	301.00	100	Horizontal	Pass

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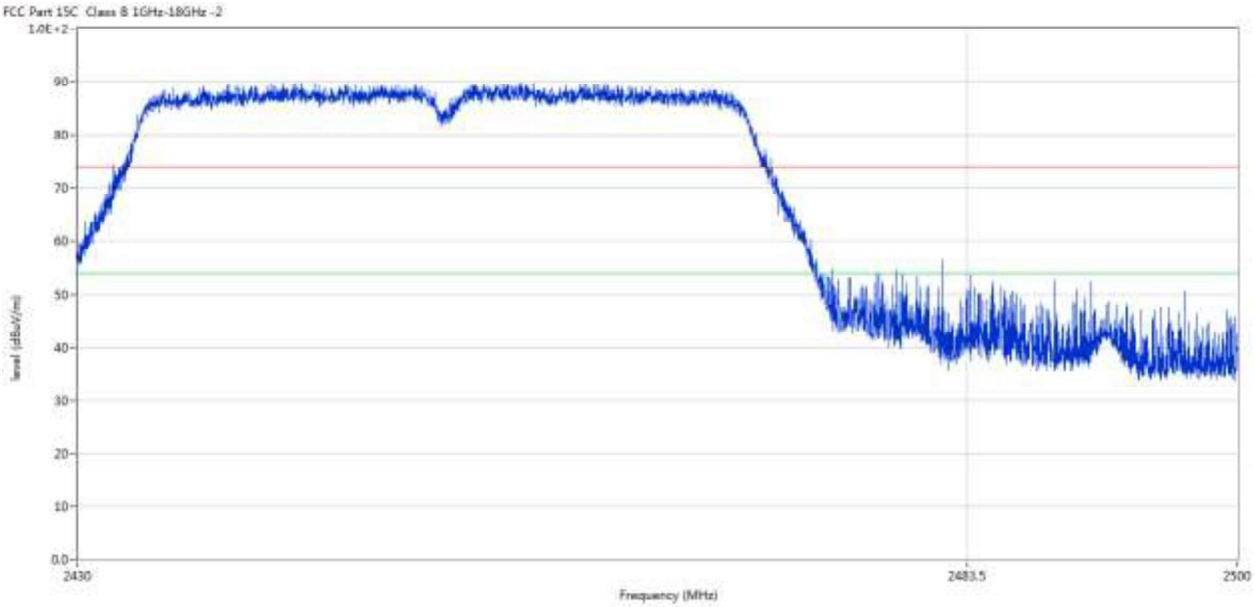
10.5 Restricted band Measurement

EUT	Laptop		Model	NP11A-C
Mode	Keeping MIMO Transmitting		Test Voltage	DC7.6V
Temperature	24 deg. C,		Humidity	56% RH
Test Result:	Pass		Detector	PK
802.11n HT40 mode, High Channel, Horizontal				
2483.5	PK (dBμV/m)	53.65	Limit	74(dBμV/m)
	AV (dBμV/m)	35.19		54(dBμV/m)
802.11n HT40 mode, High Channel, Vertical				
2483.5	PK (dBμV/m)	50.22	Limit	74(dBμV/m)
	AV (dBμV/m)	--		54(dBμV/m)



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2483.573	53.65	-3.57	74.0	-20.35	Peak	319.00	100	Horizontal	Pass
1*	2483.573	35.19	-3.57	54.0	-18.81	AV	319.00	100	Horizontal	Pass

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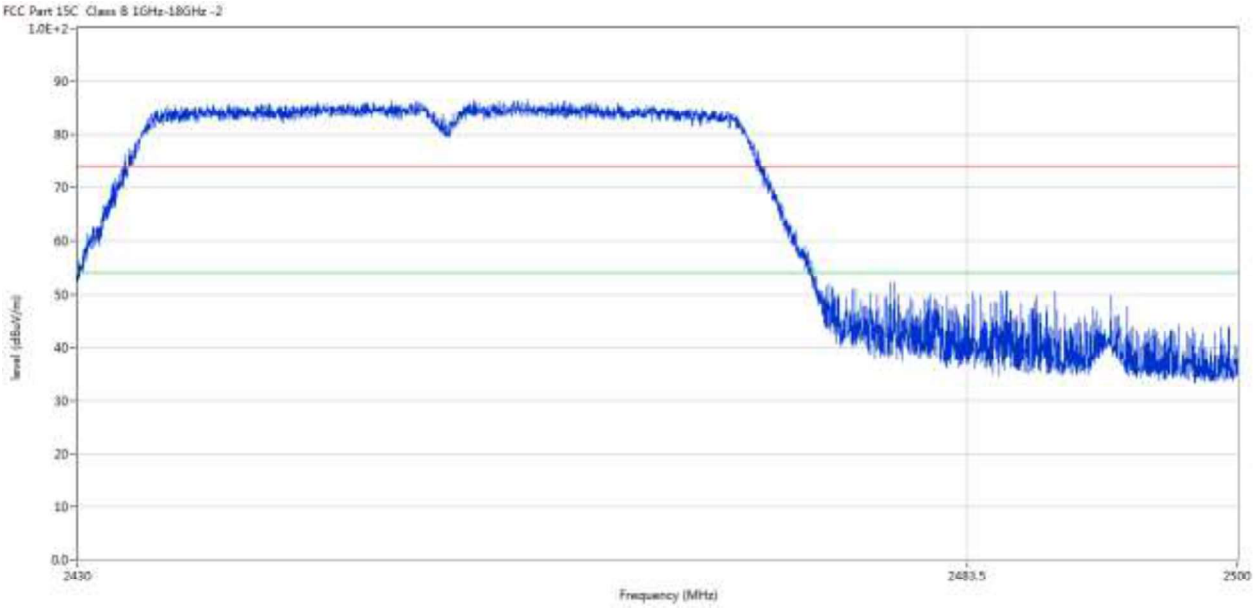

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2483.330	50.22	-3.57	74.0	-23.78	Peak	143.00	100	Vertical	Pass

Note: The peak value less than the AV limit, no necessary to take down the AV measurement result.

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11.0 Antenna Requirement

11.1 Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.247 (b), if transmitter antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the mount in dB that the directional gain of the antenna exceeds 6 dBi.

11.2 Antenna Connected construction

Two FPC antennas used. The gain of the antennas is 0dBi for each one.

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12.0 FCC ID Label

FCC ID: RBD-NP11AC

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

Mark Location:

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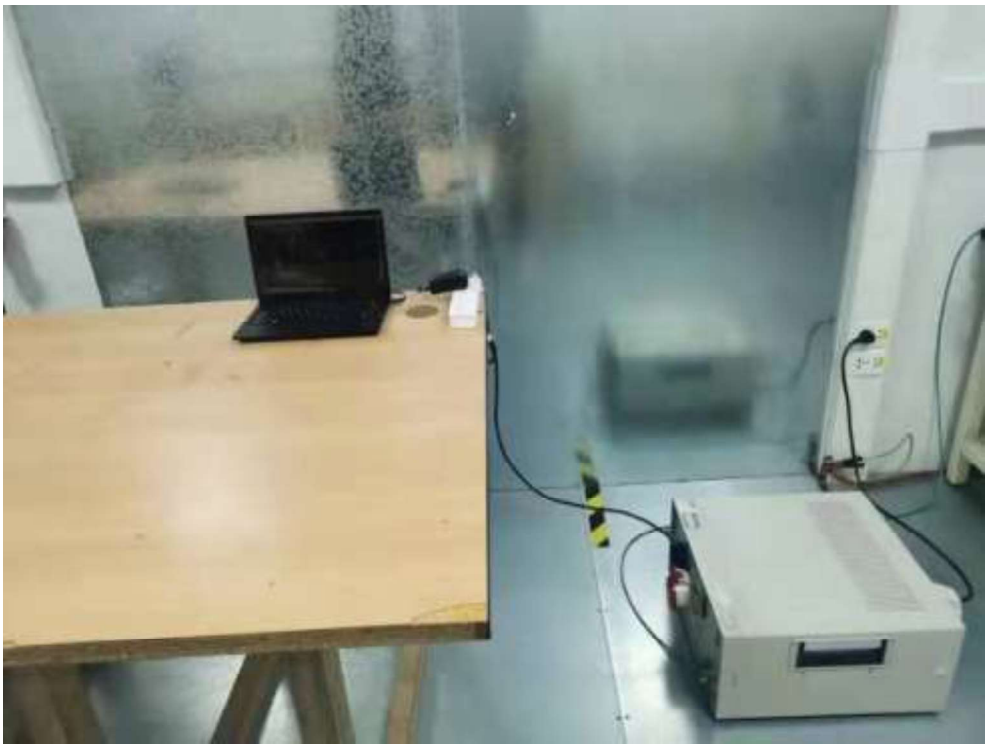
13.0 Photo of testing

Conducted Emission Test Setup:



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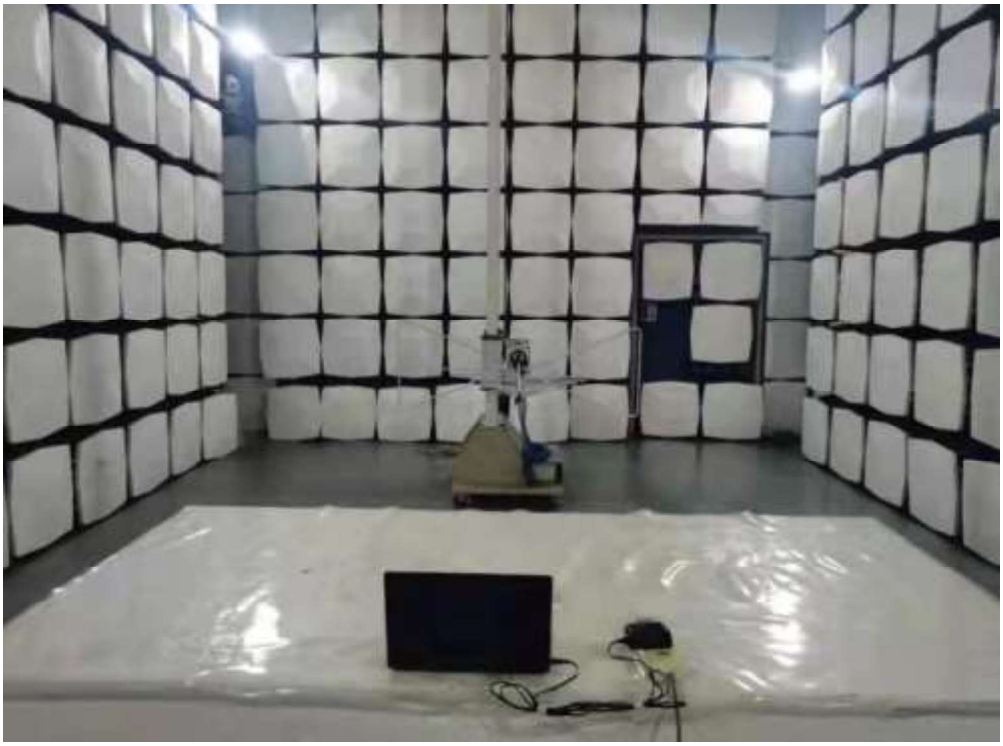
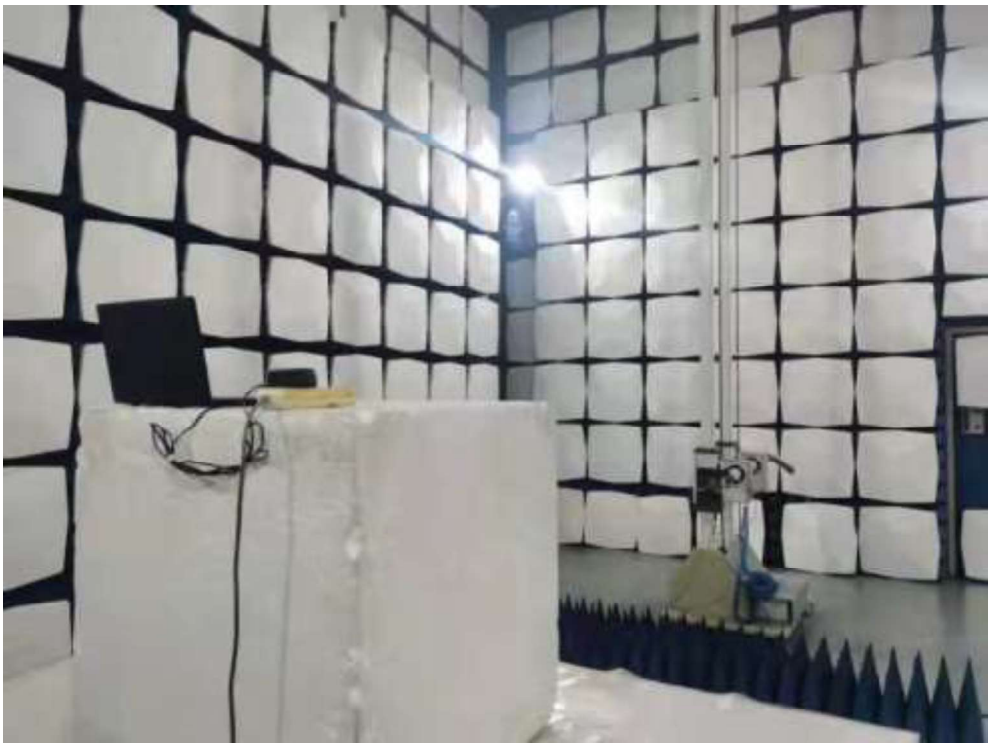
Radiated Emission Test Setup:





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Photographs – EUT

Outside View

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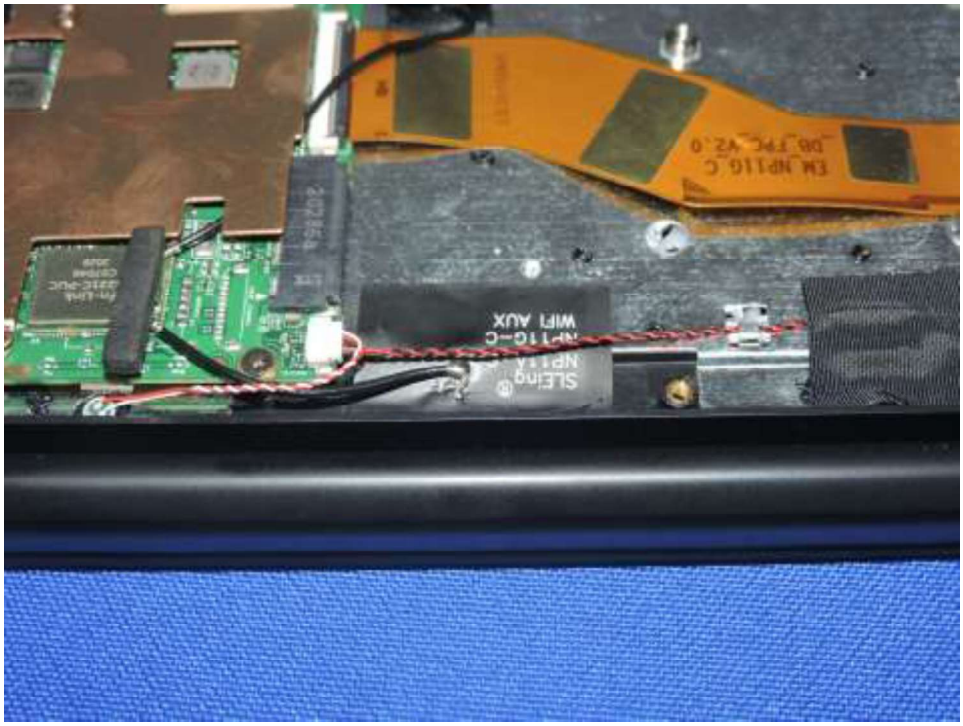

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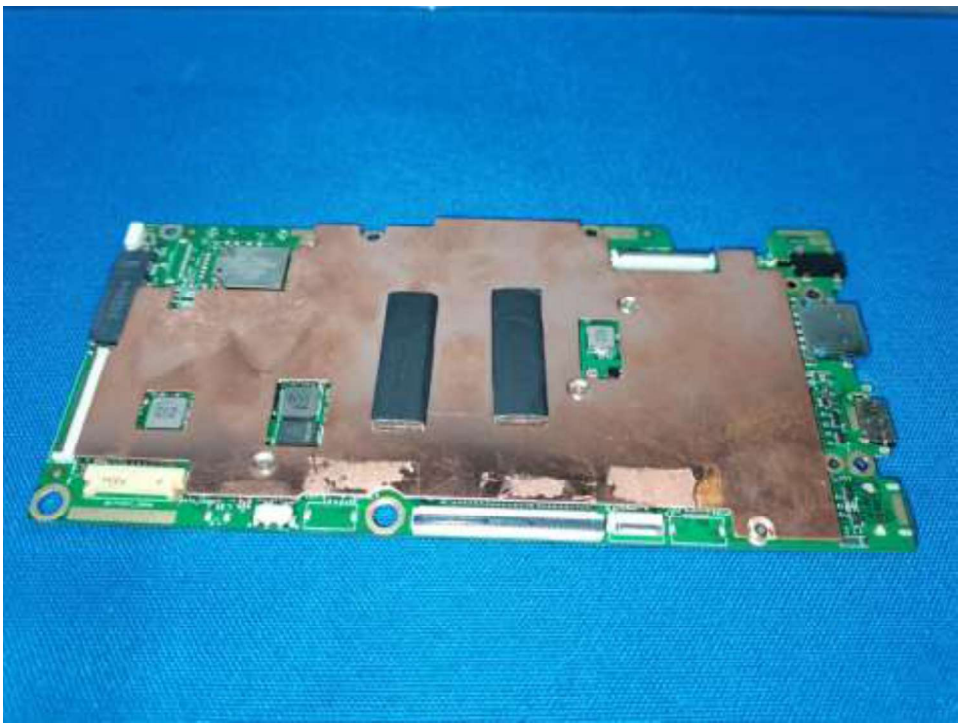

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