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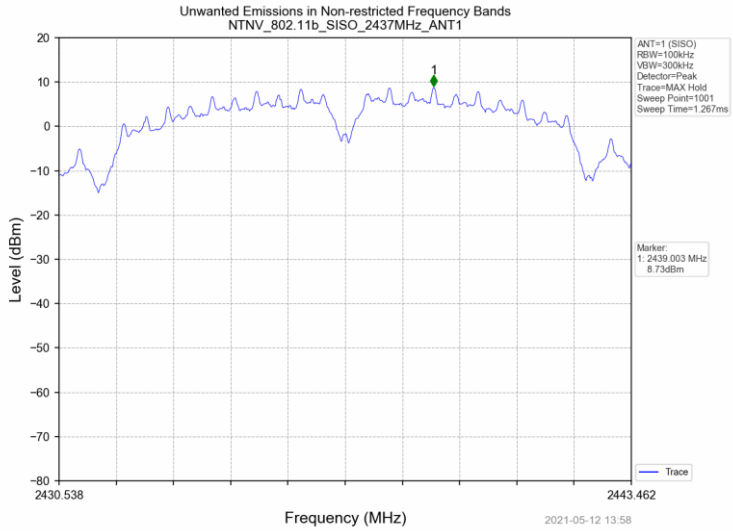
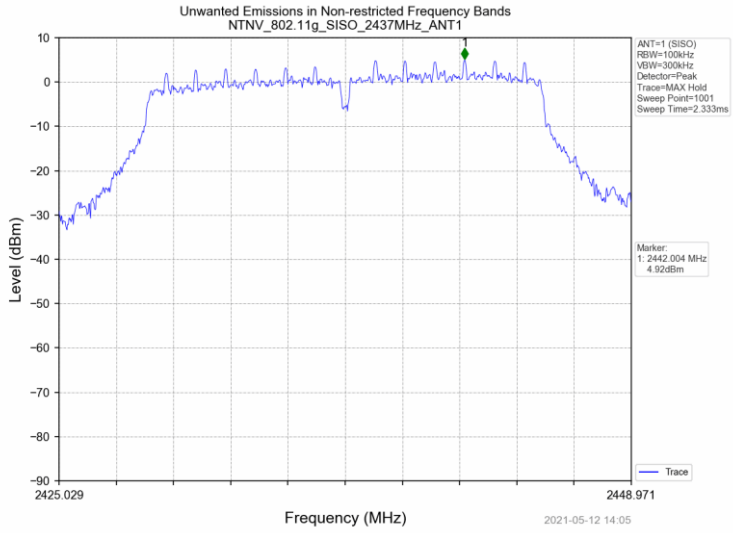


802.11b



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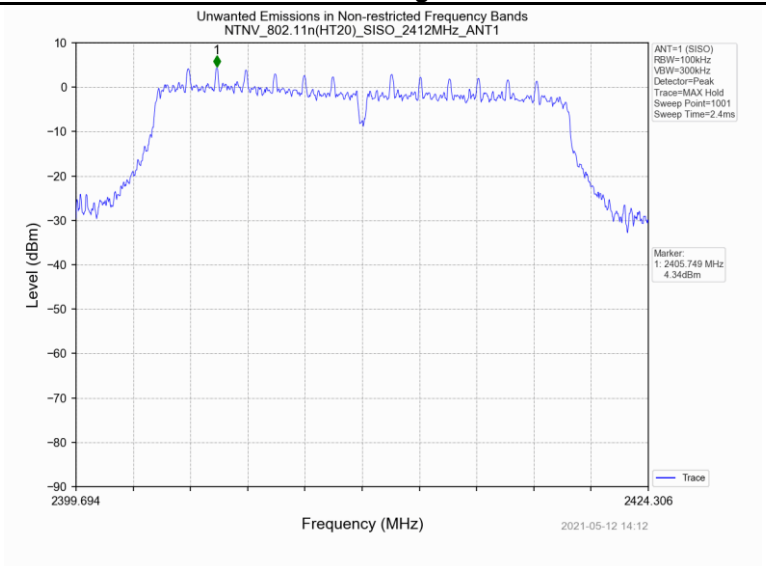
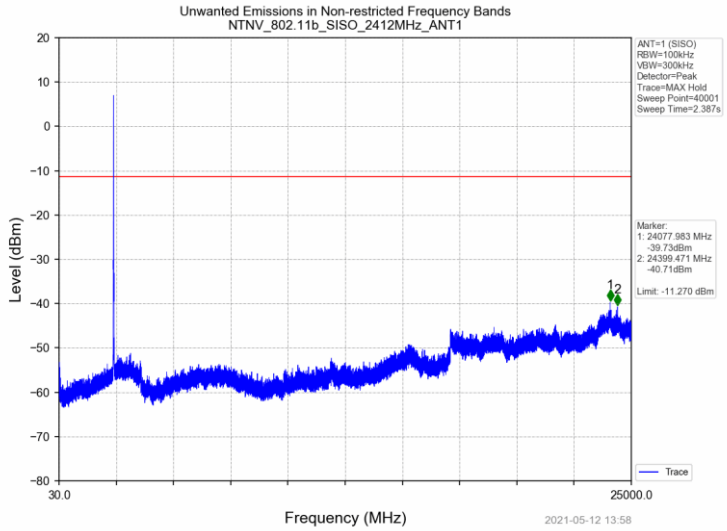


802.11n(HT20)

802.11b



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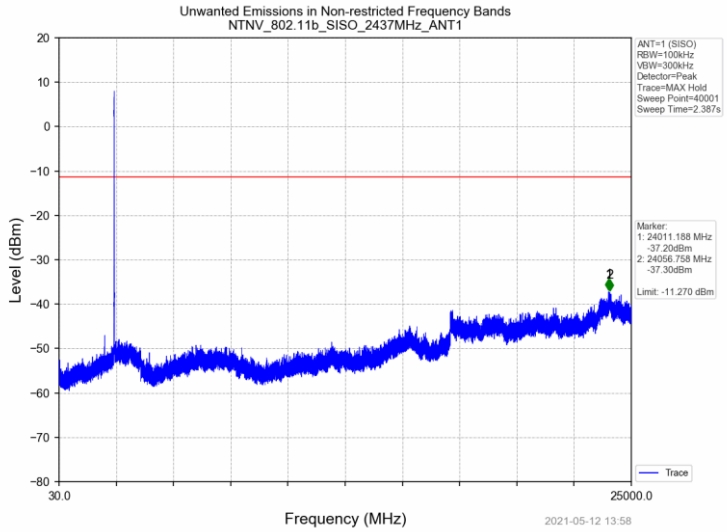

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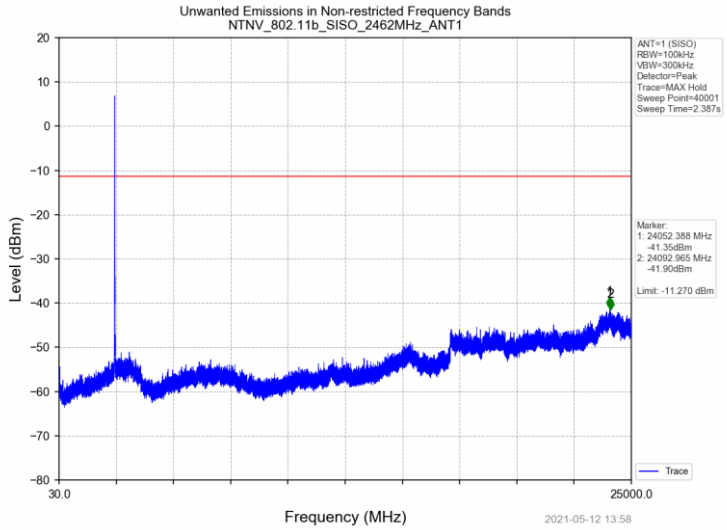
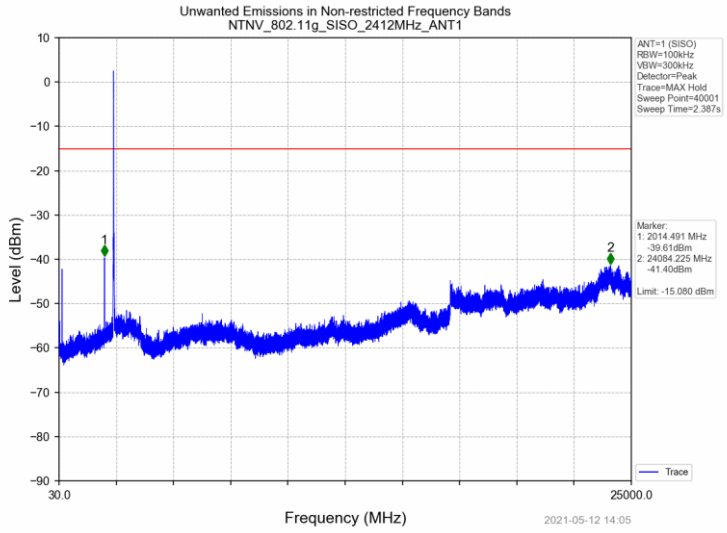


CH11

802.11g



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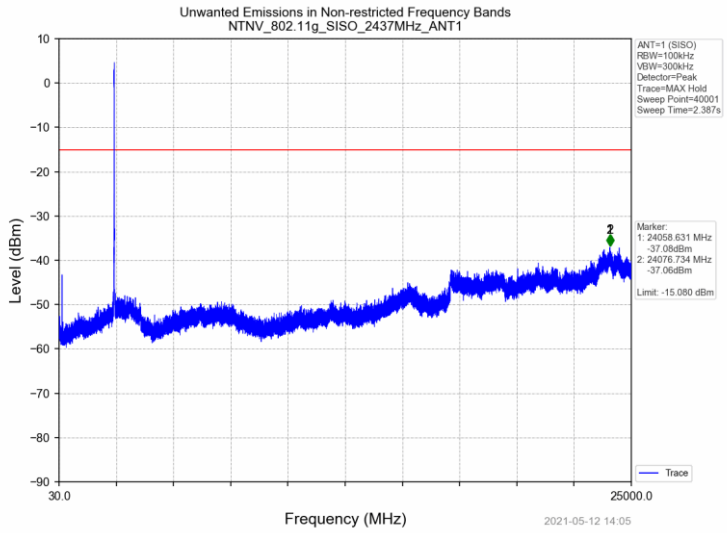

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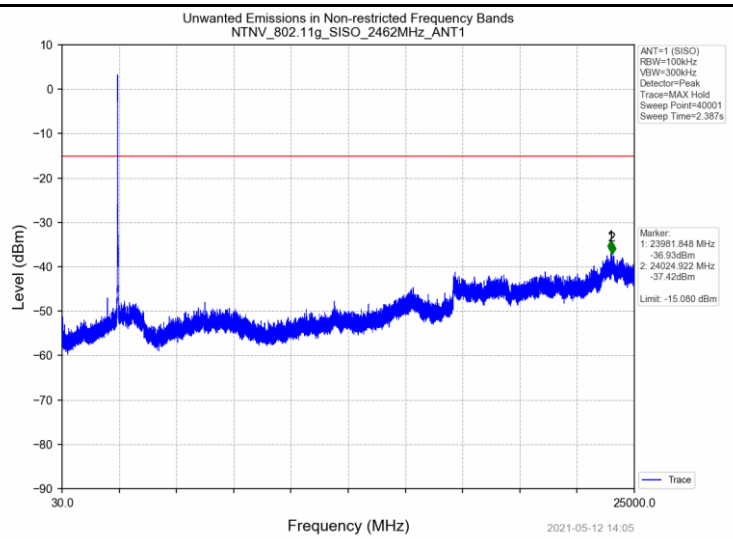

CH11

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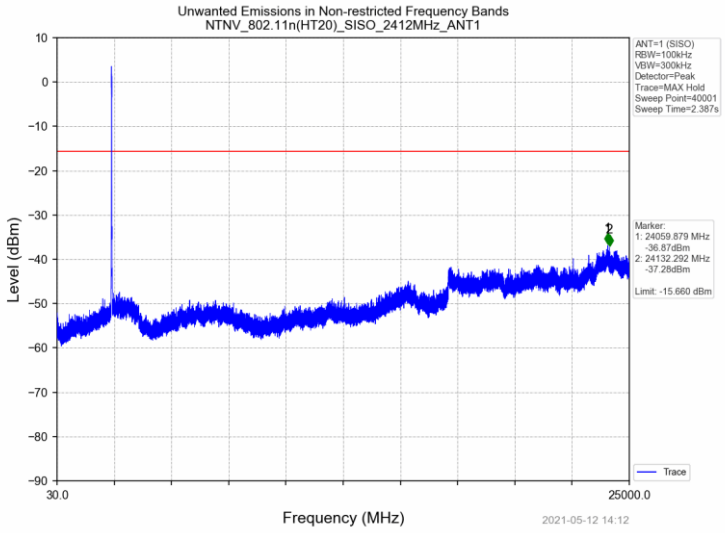
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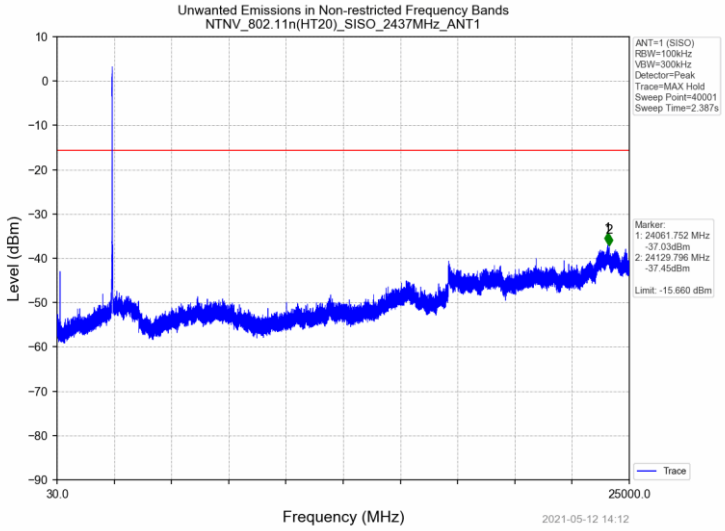
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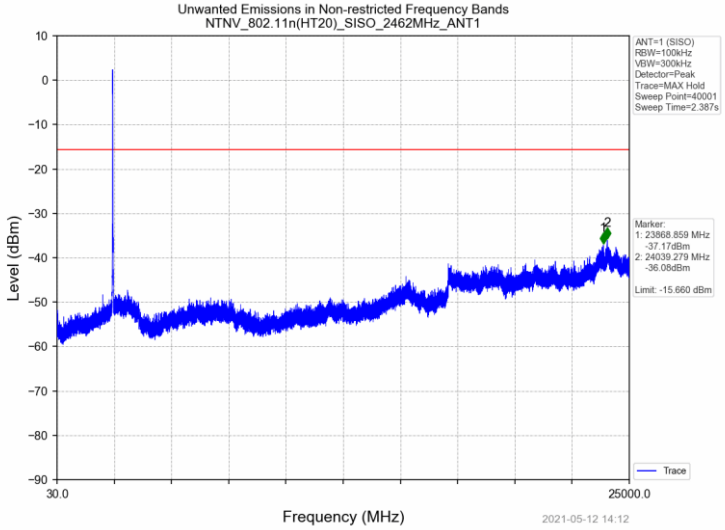
CH11

Band-edge Measurements for RF Conducted Emissions:

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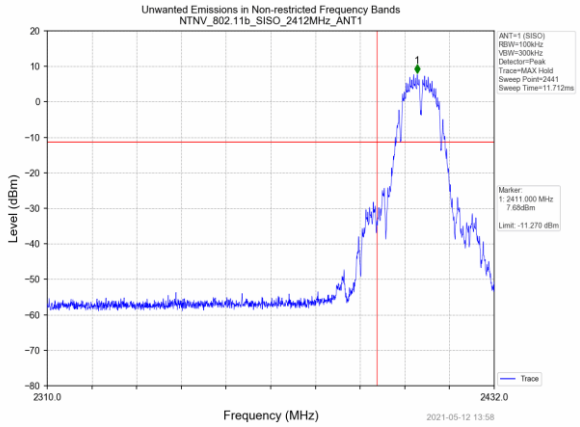
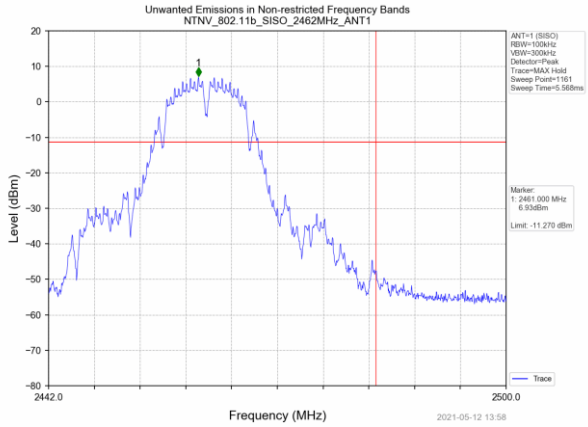
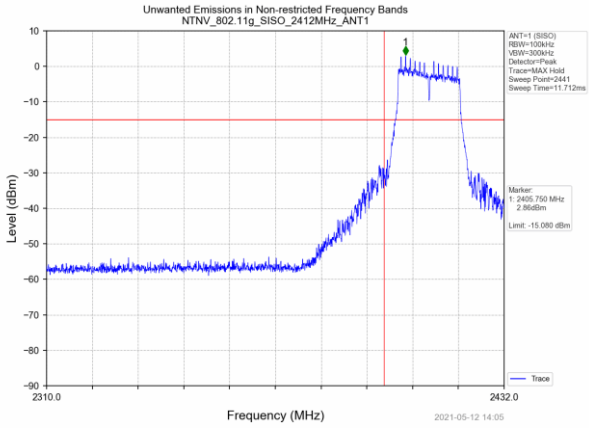
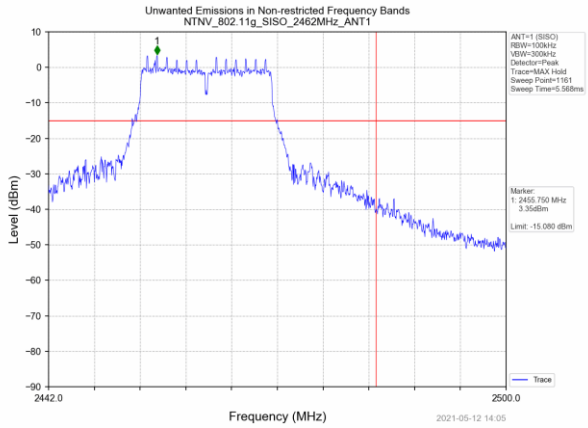
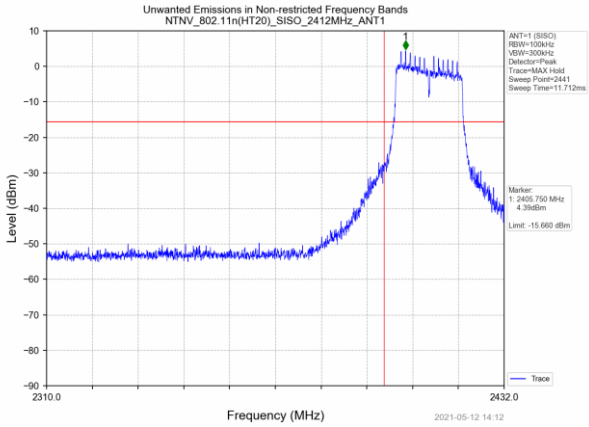
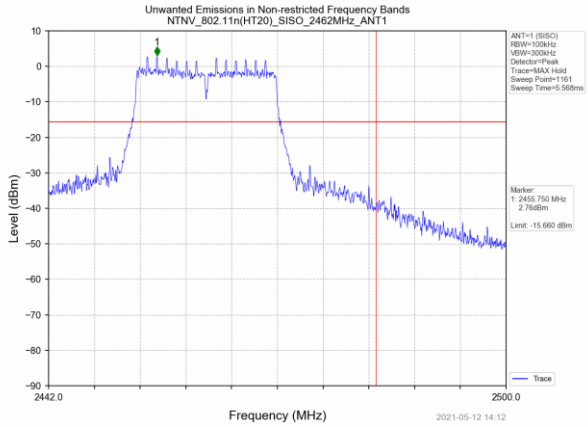
	
Left bandedge	Right bandedge

802.11g	
	
Left bandedge	Right bandedge

802.11n(HT20)	
	
Left bandedge	Right bandedge

4.7 Antenna Requirement

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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited

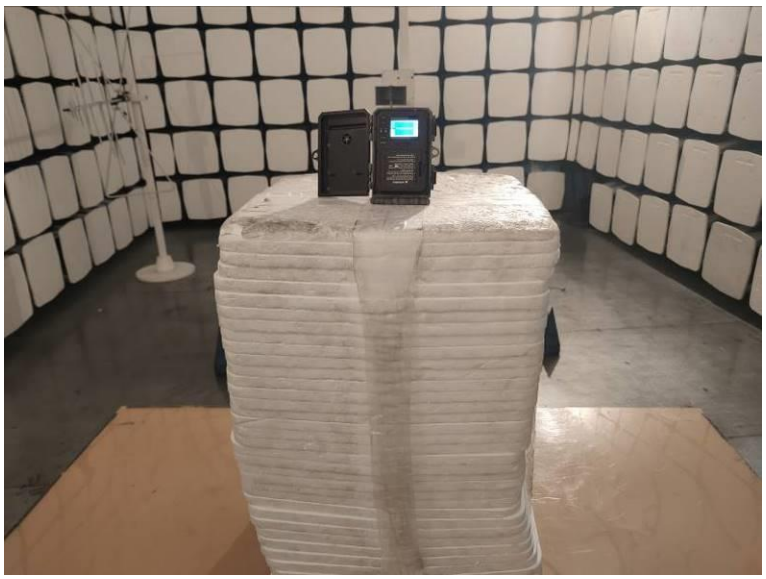
FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1) (I):

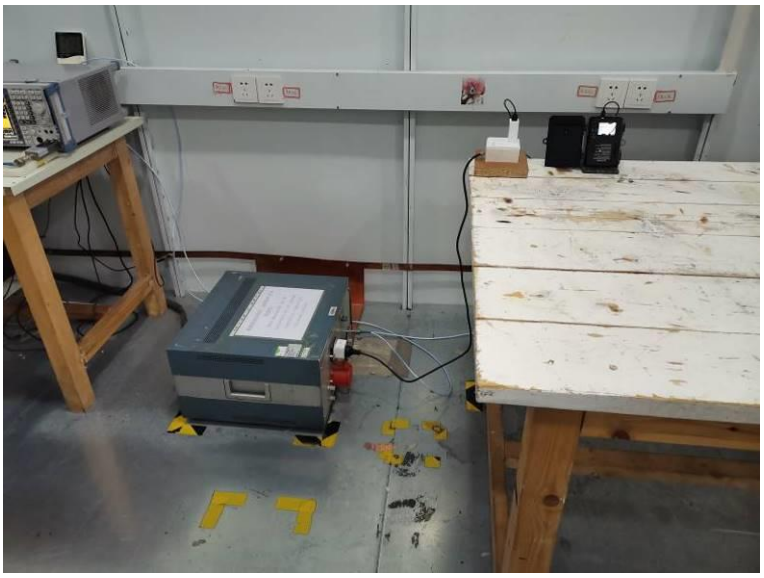
(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

Test Result:

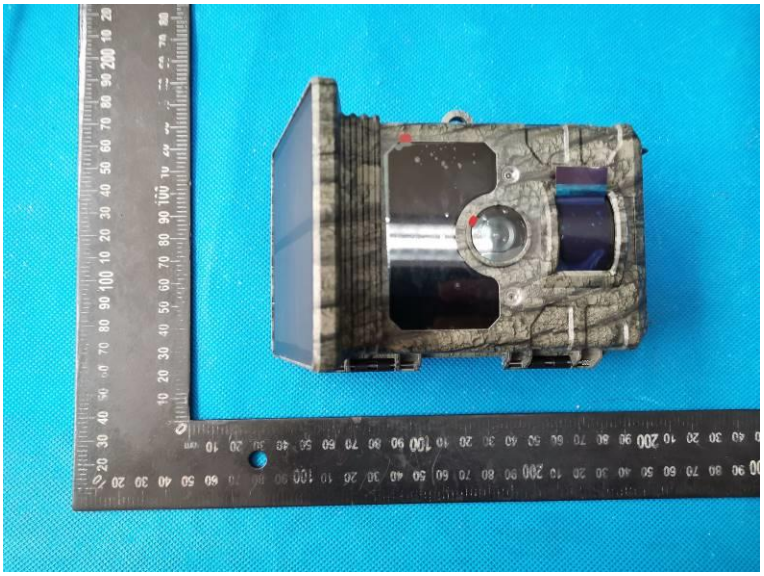
The maximum gain of antenna was 2.00 dBi for 2.4GHz WIFI.

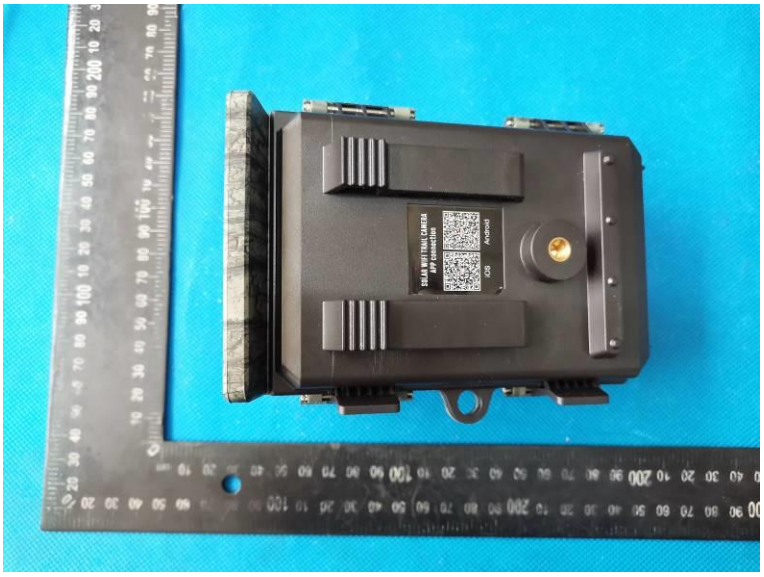
5 Test Setup Photos of the EUT

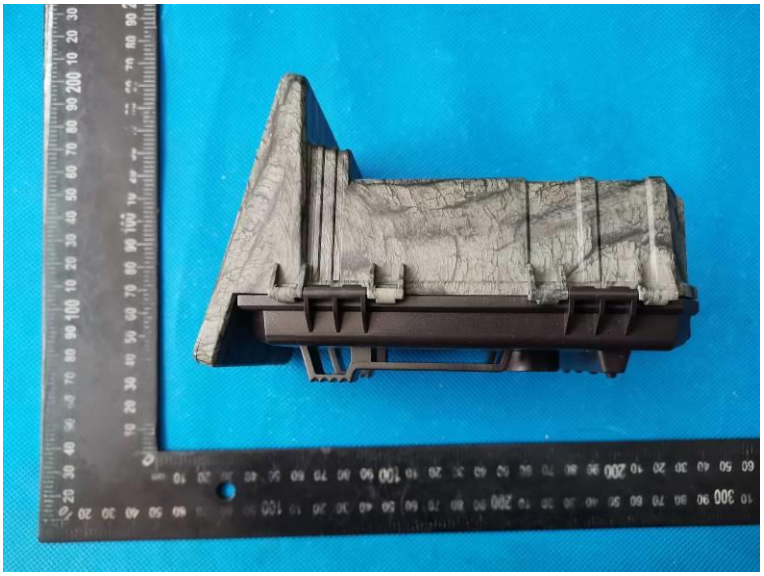


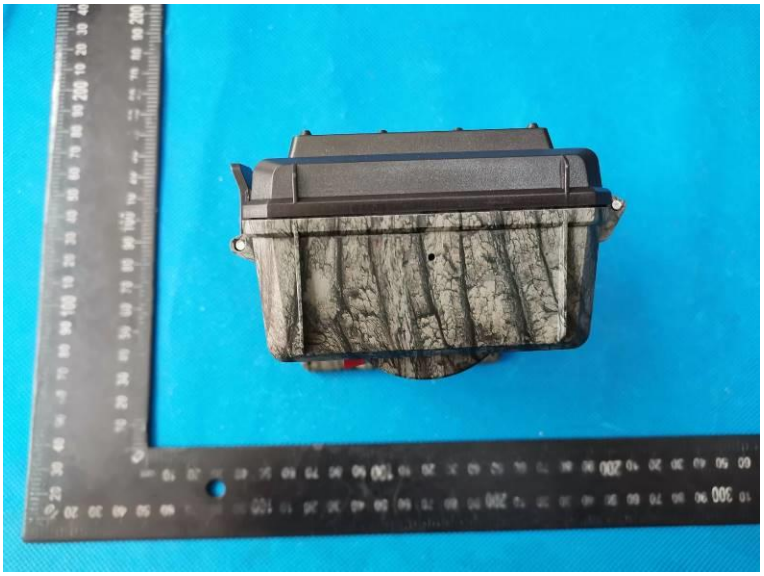


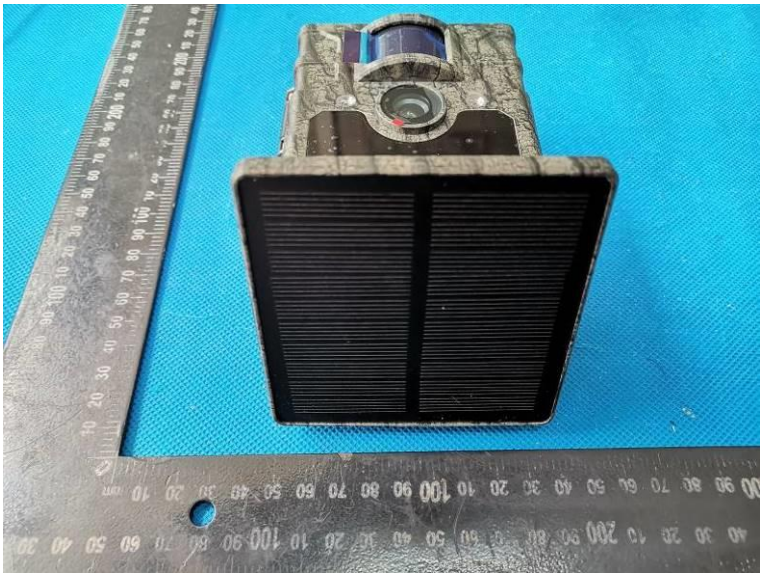
6 Photos of the EUT

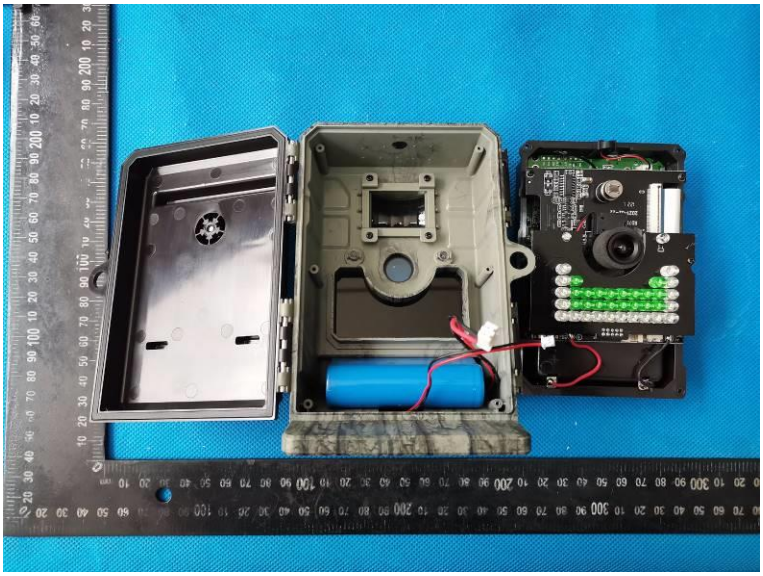


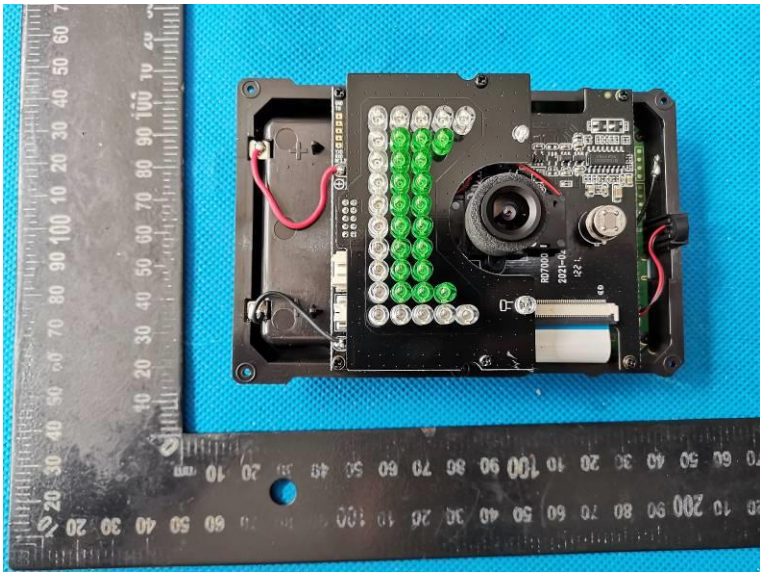


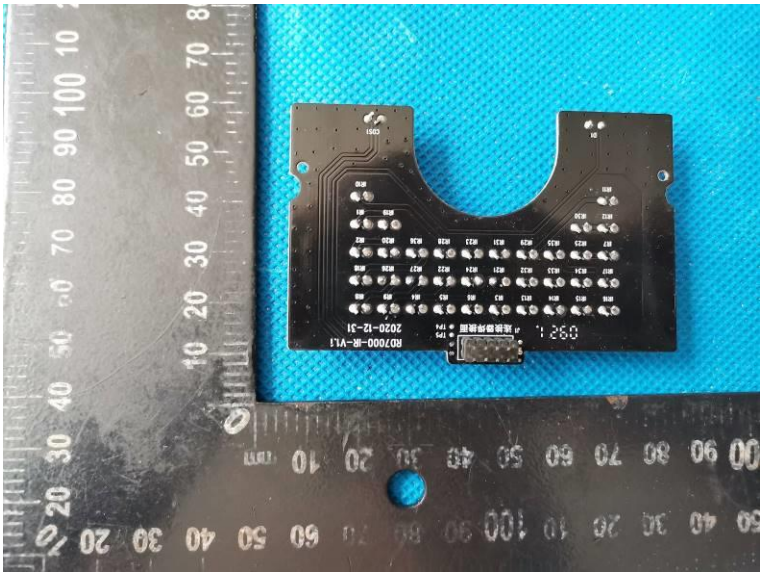


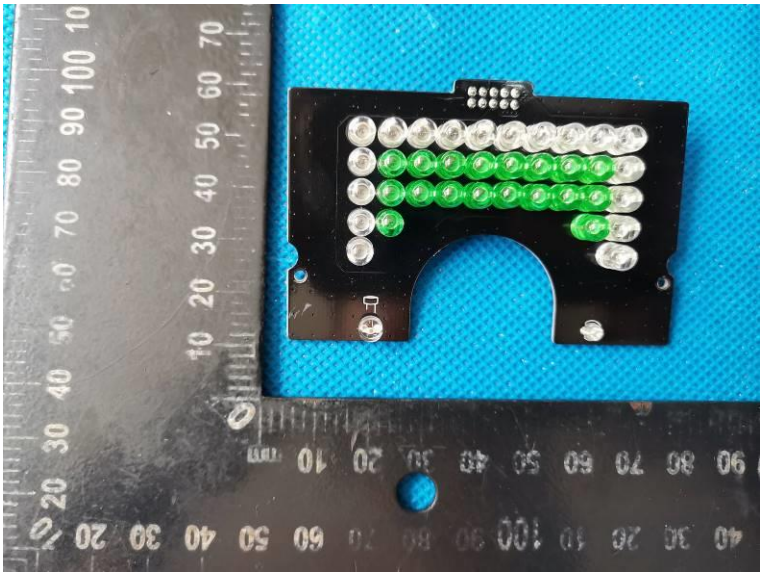


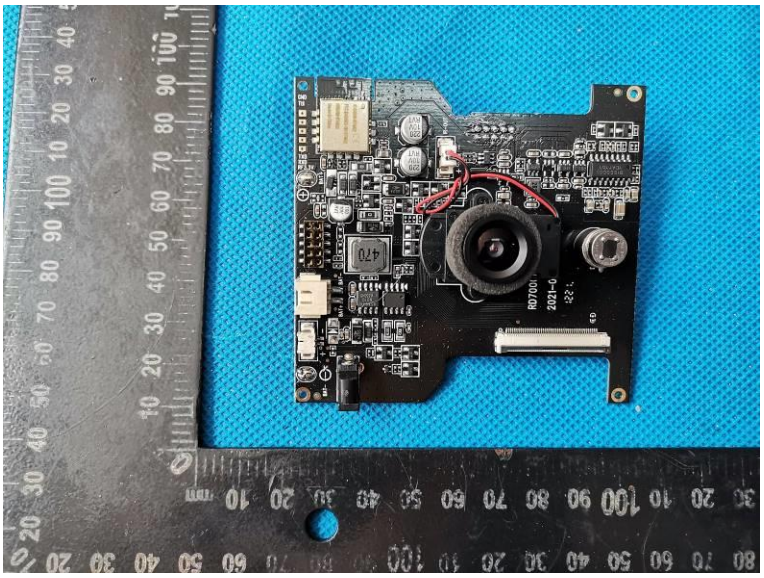


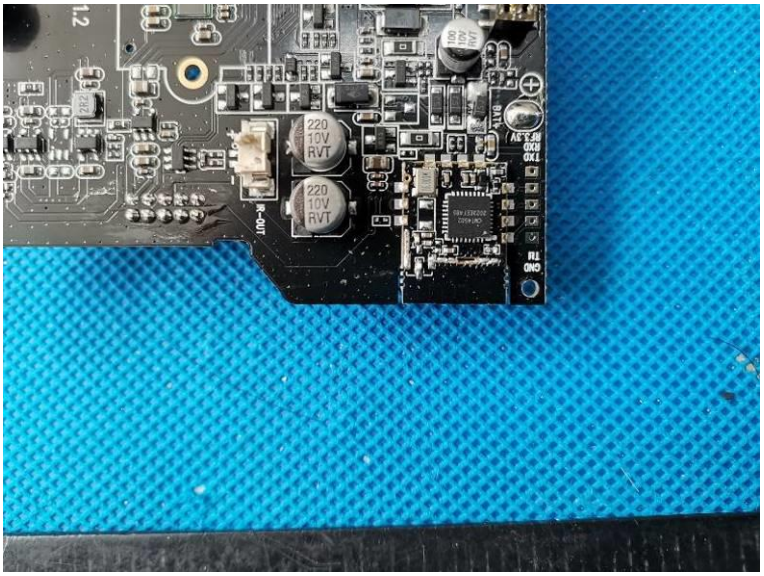








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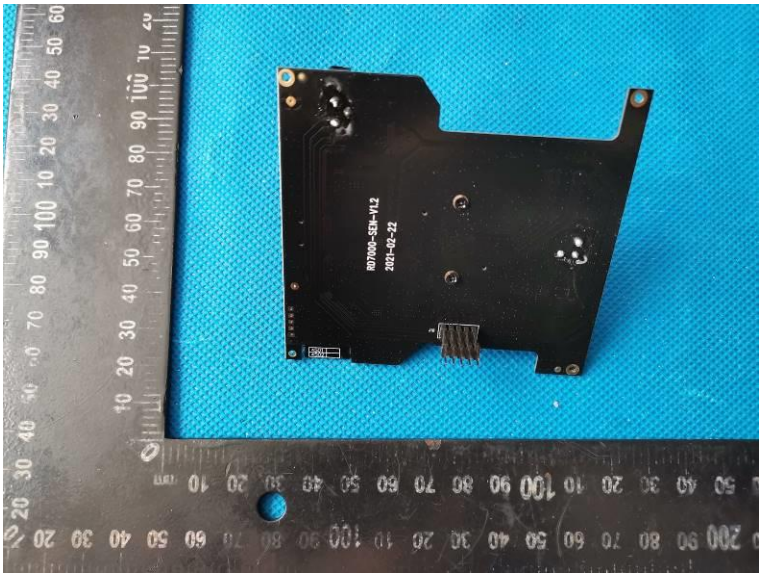
10V
RVT
220
10V
RVT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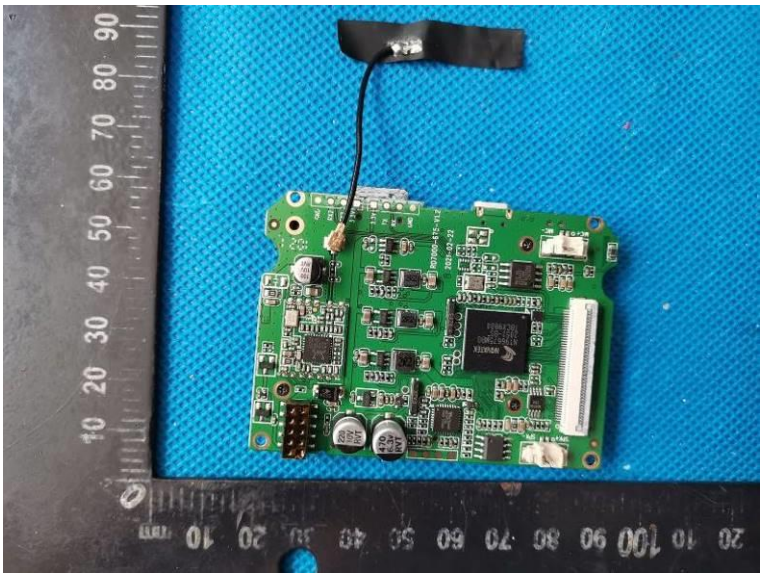
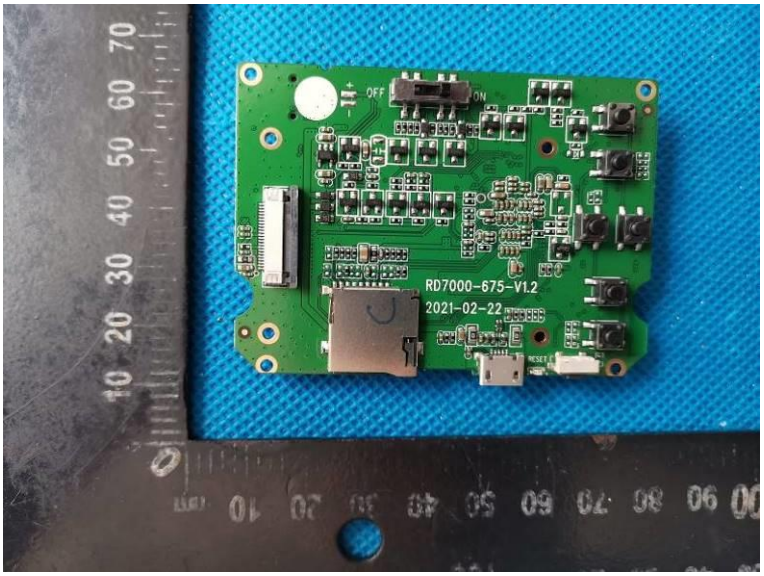
2021-02-22

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2021-02-22
RESET

********** End of Report **********