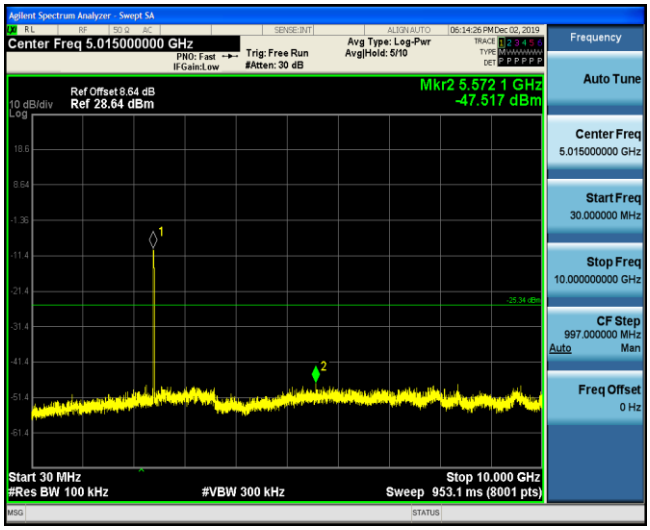
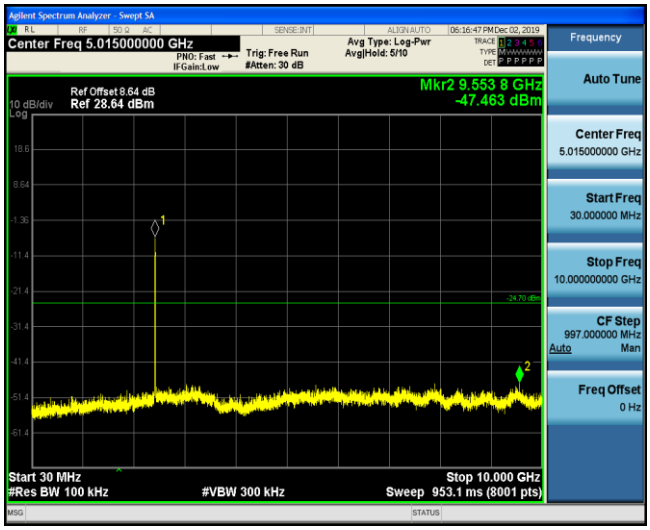
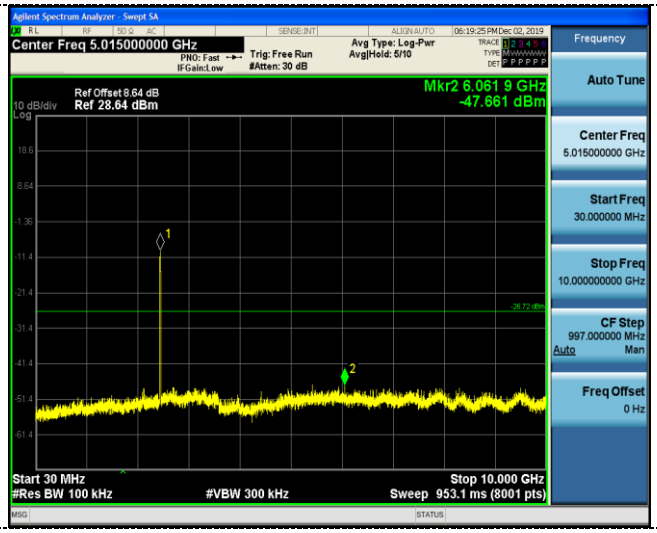
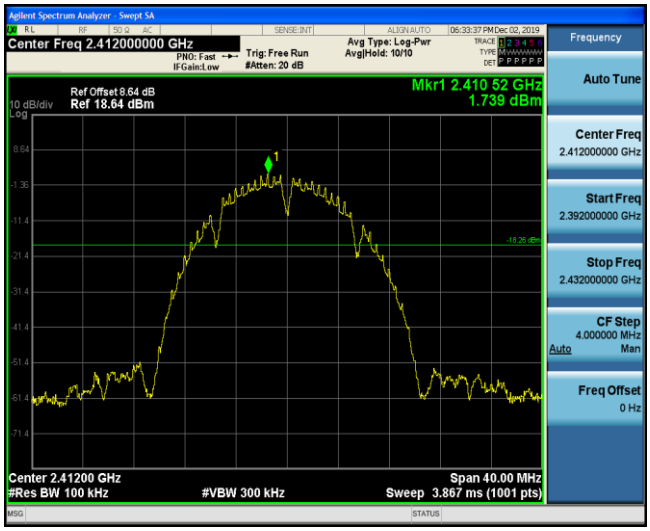
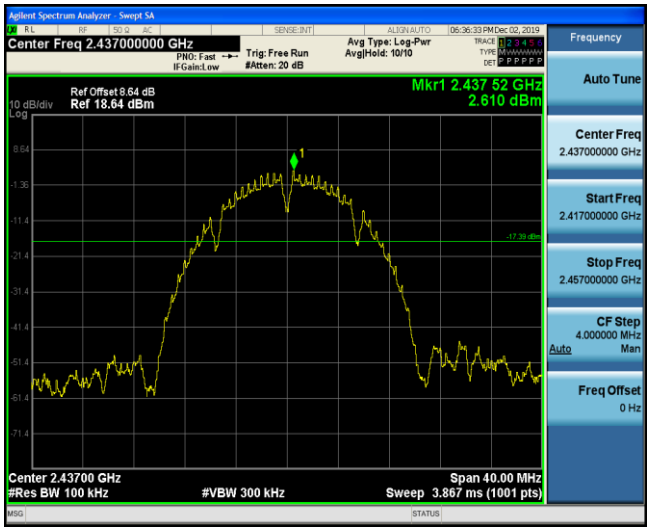
802.11n(HT20) CH01	802.11n(HT20) CH06
Reference	Reference
	
30MHz-10GHz	30MHz-10GHz
10GHz-26GHz	10GHz-26GHz

802.11n(HT20) CH11	
Reference	
	
30MHz-10GHz	
10GHz-26GHz	

For ANT2:

802.11b CH01	802.11b CH06
	
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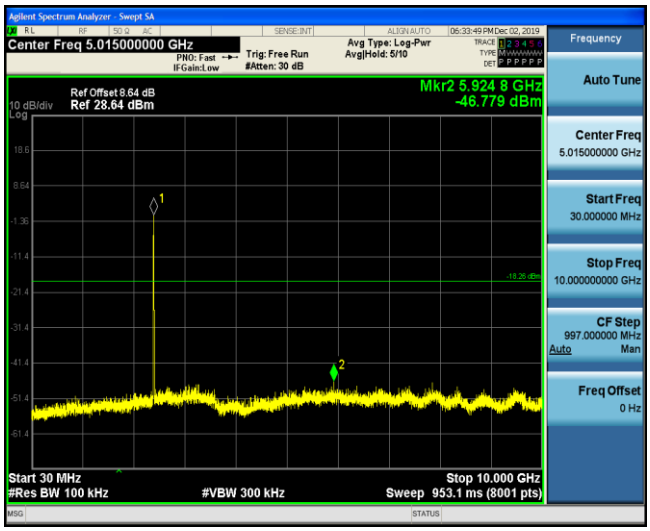
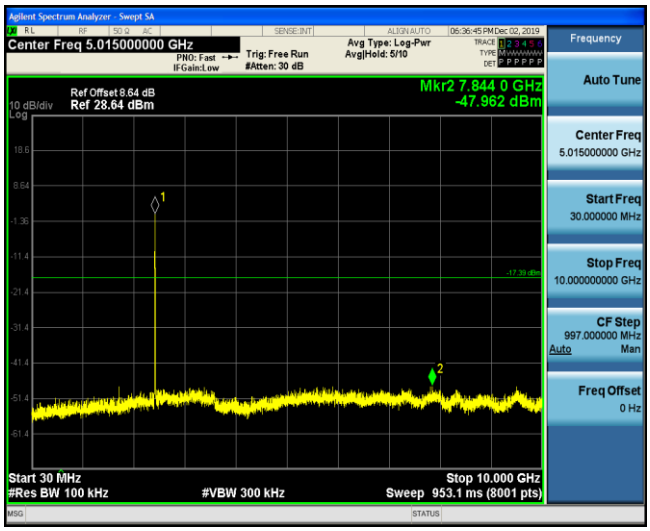
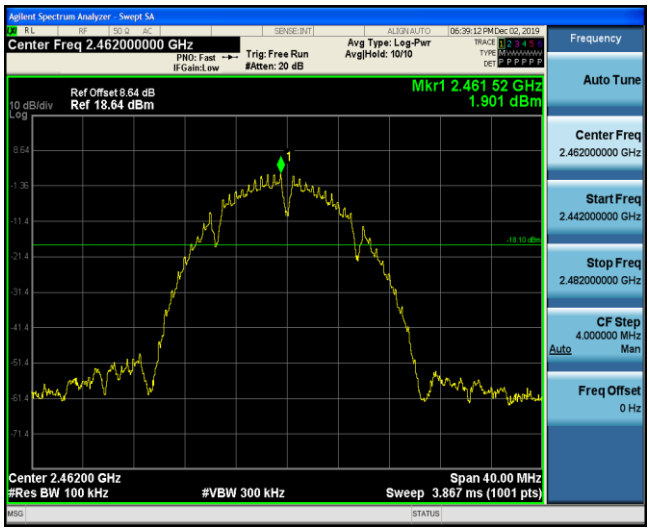
	
30MHz-10GHz	30MHz-10GHz
10GHz-26GHz	10GHz-26GHz

802.11b CH11	802.11g CH01
	
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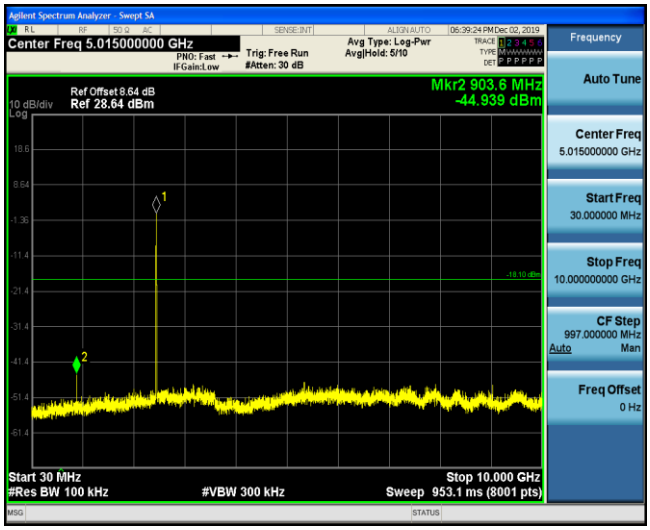
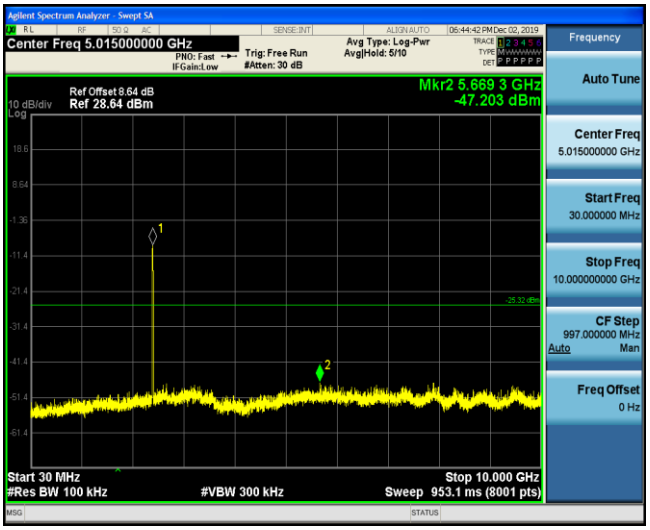
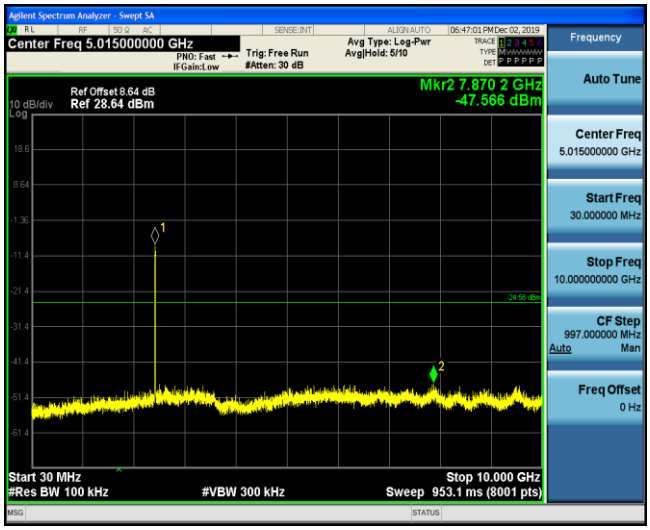
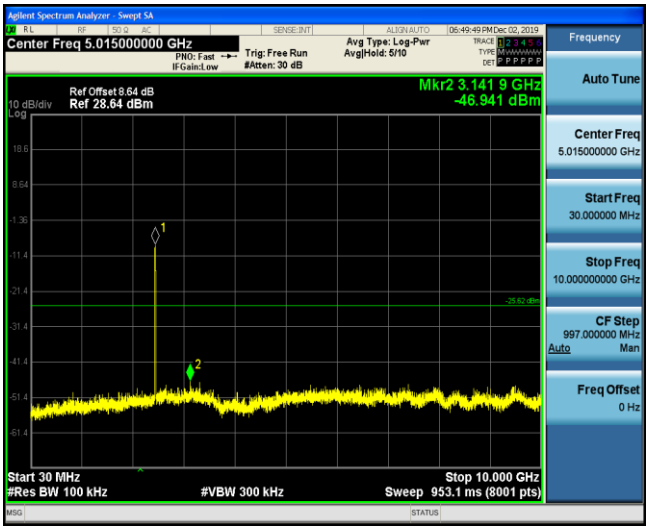
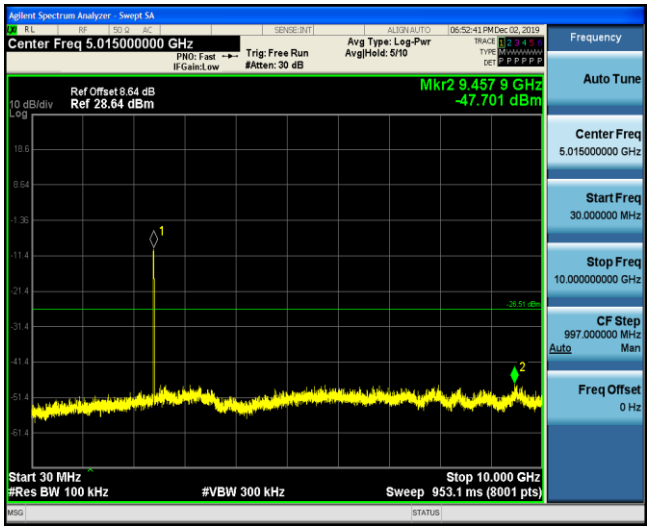
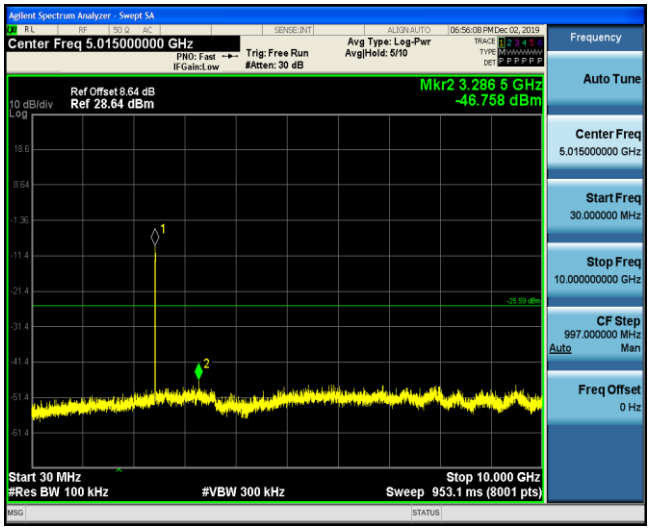
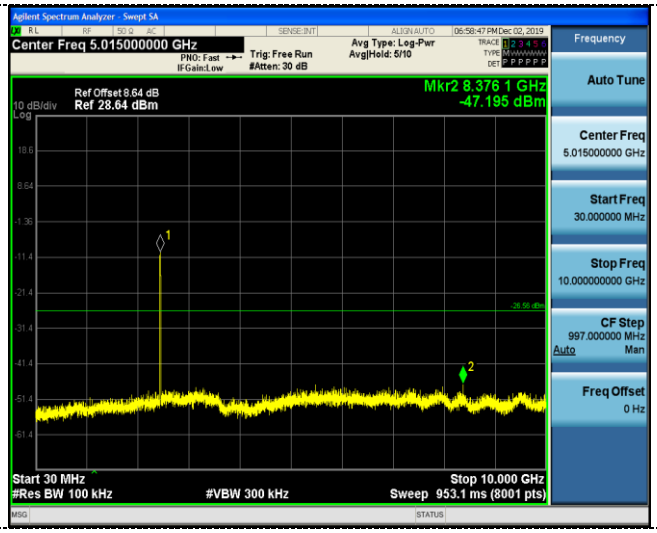
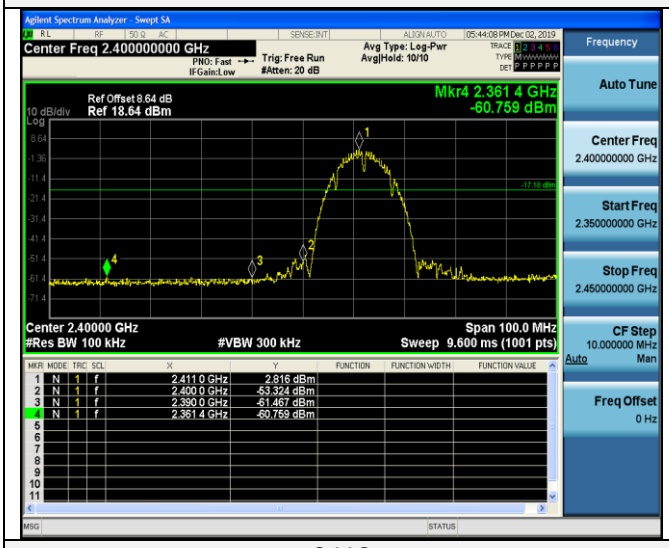
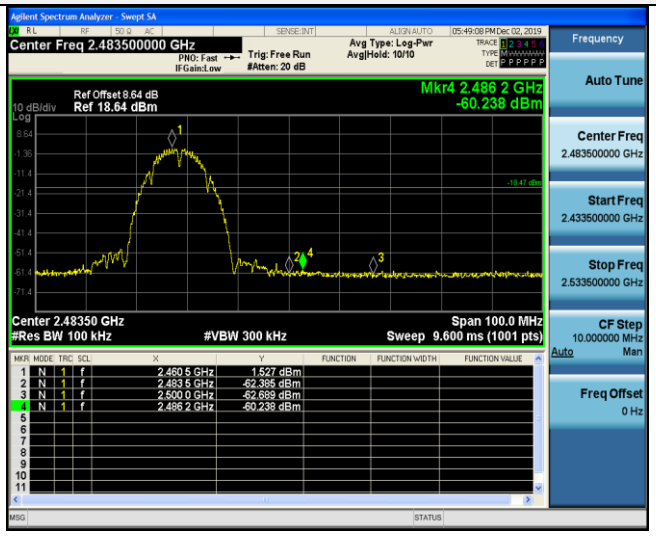
	
30MHz-10GHz	30MHz-10GHz
10GHz-26GHz	10GHz-26GHz

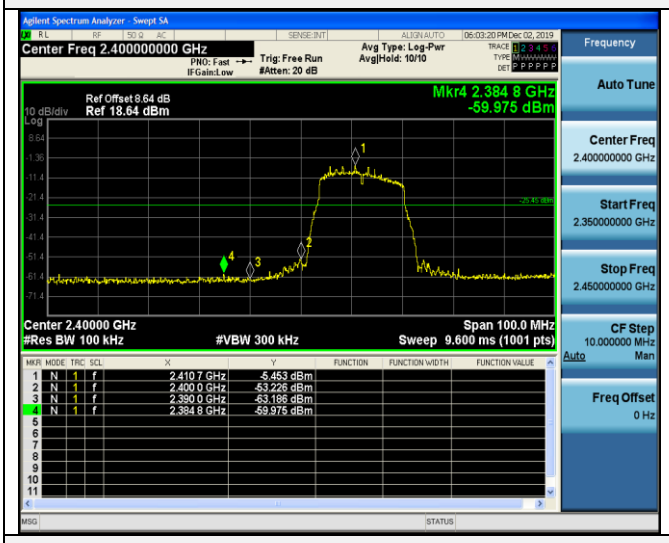
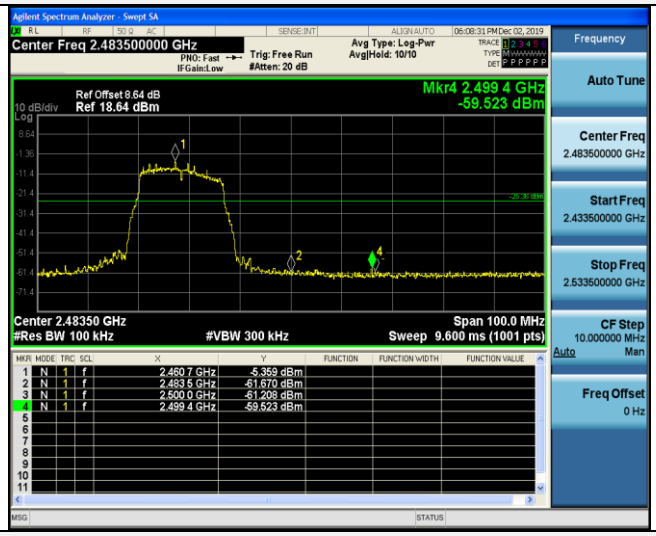
802.11g CH06	802.11g CH11
Reference	Reference
	
30MHz-10GHz	30MHz-10GHz
10GHz-26GHz	10GHz-26GHz

802.11n(HT20) CH01	802.11n(HT20) CH06
Reference	Reference
	
30MHz-10GHz	30MHz-10GHz
10GHz-26GHz	10GHz-26GHz

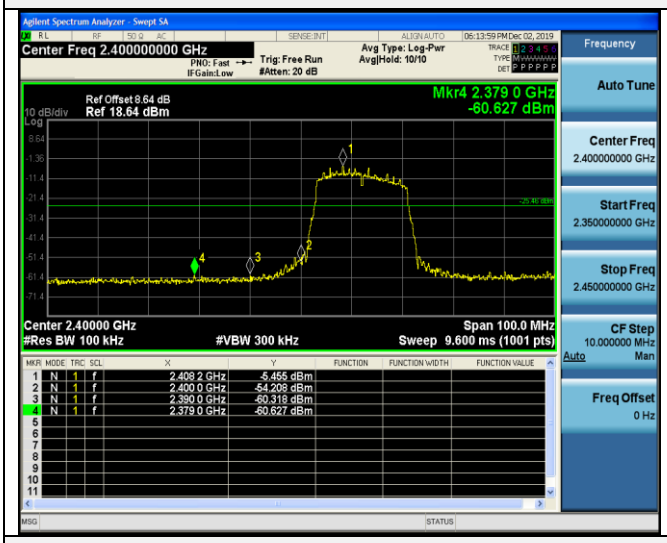
802.11n(HT20) CH11	
Reference	
	
30MHz-10GHz	
10GHz-26GHz	

Band-edge Measurements for RF Conducted Emissions:
For ANT1:

802.11b	
	
2412	2462

802.11g	
	
2412	**2462**

802.11n HT20



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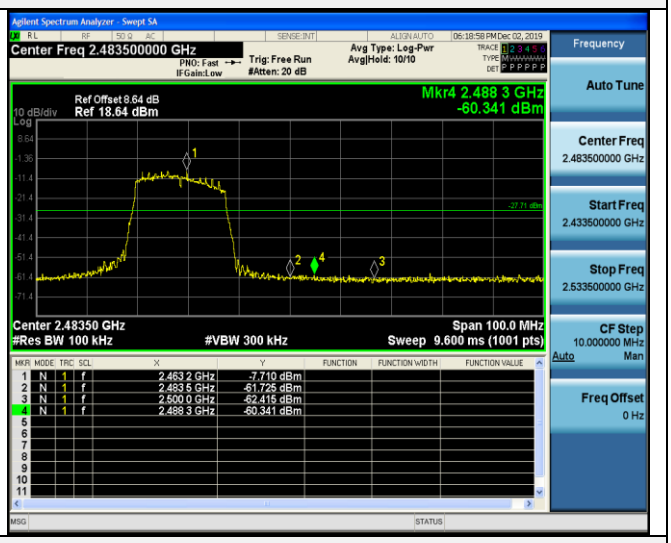
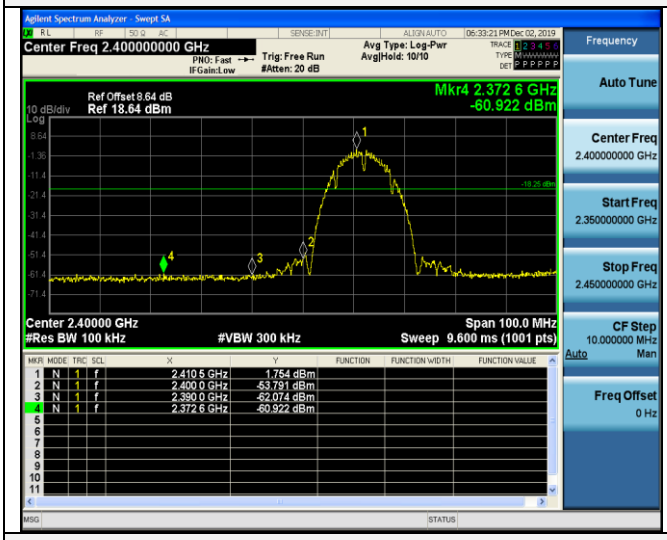


2462

For ANT2:

802.11b



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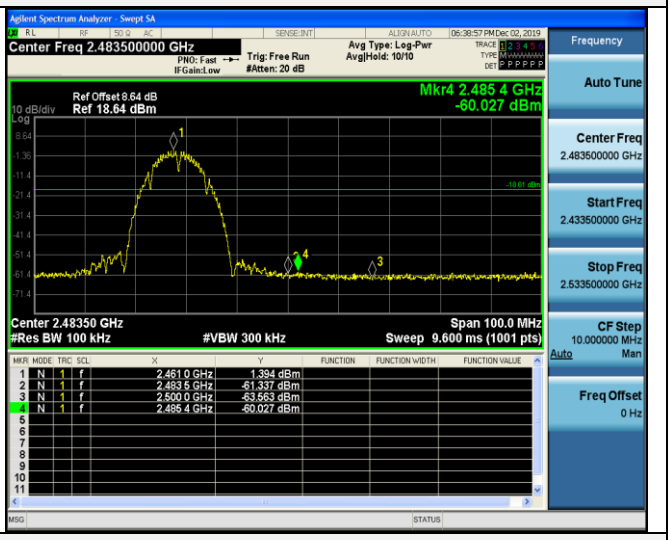

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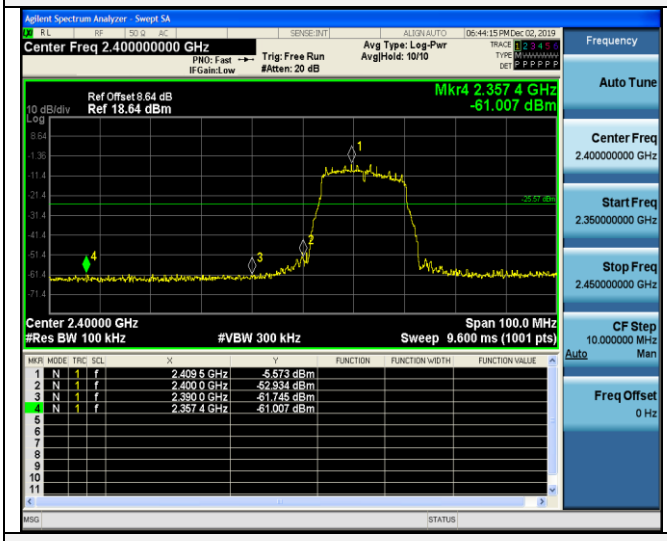
802.11g



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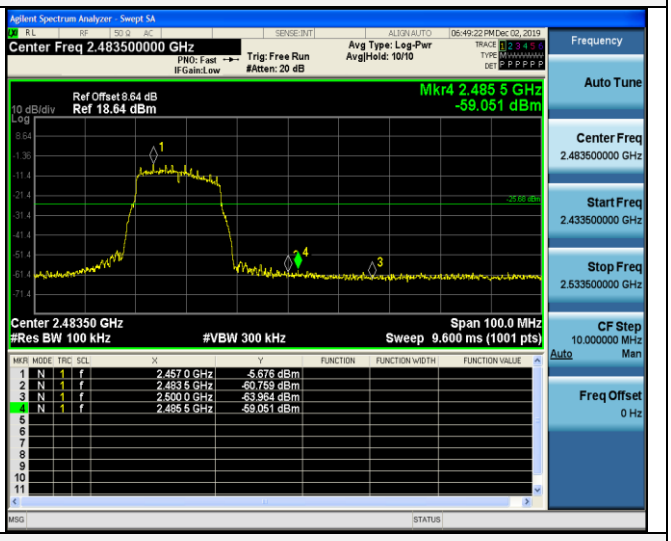
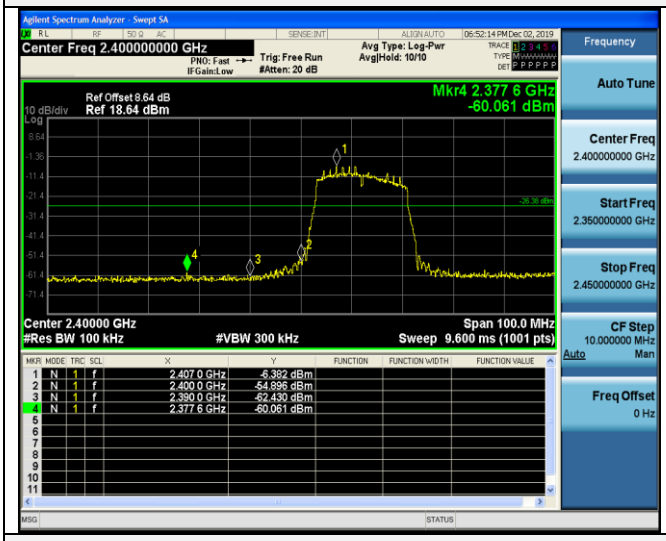
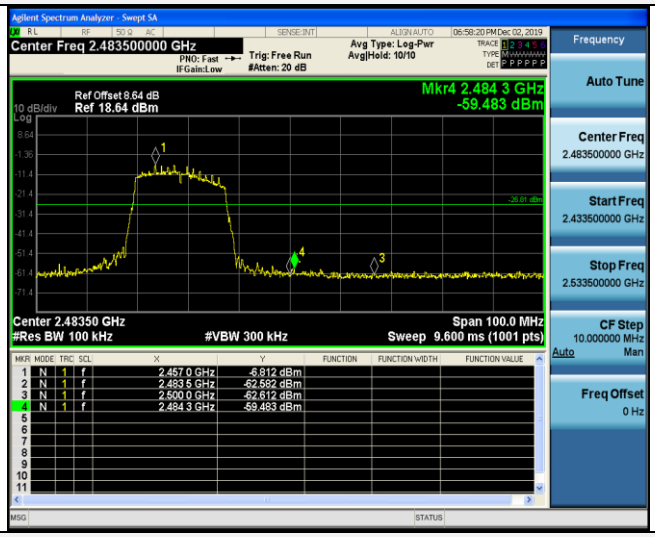


2462

802.11n HT20	
	
2412	2462

3.7. Antenna Requirement

Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203:

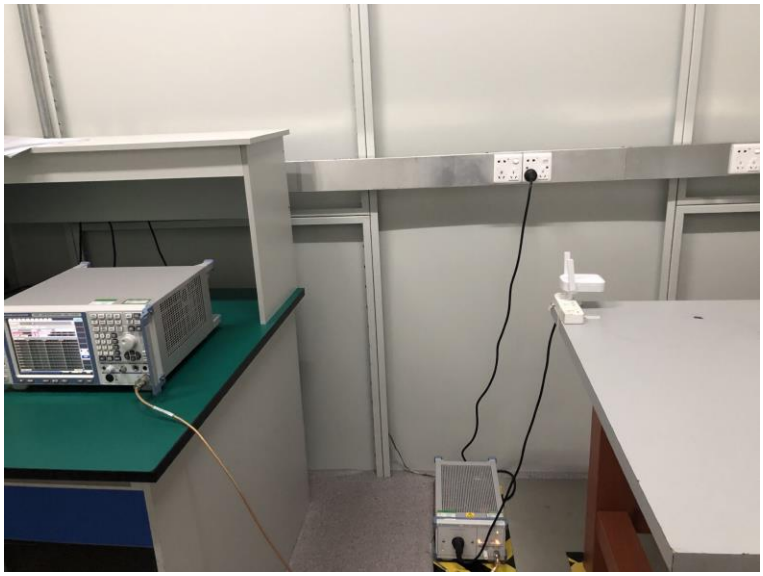
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited

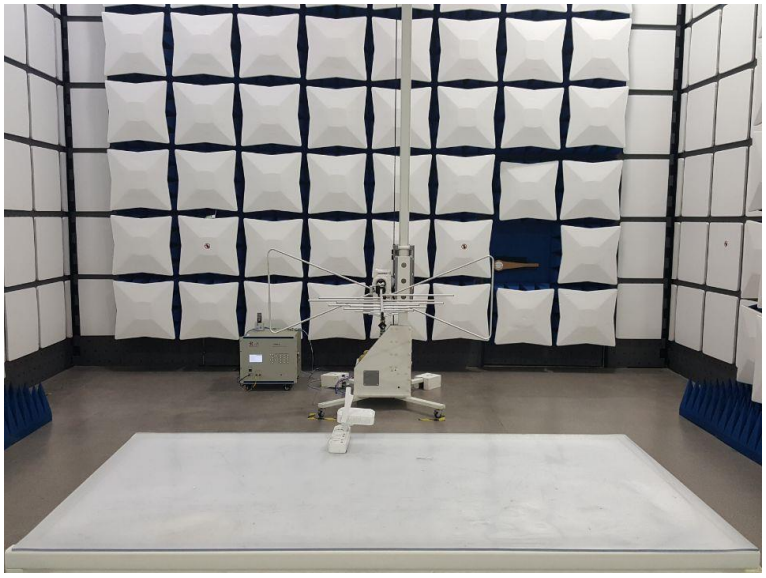
FCC CFR Title 47 Part 15 Subpart C Section 15.247I (1) (I):
Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

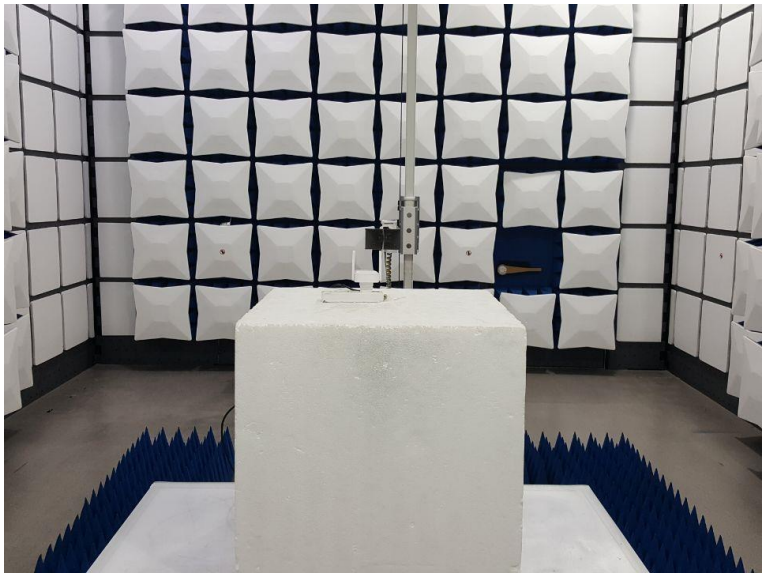
Test Result:

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

4. Test Setup Photos of the EUT







5. The Photos of the EUT

External photos

Please refer to separated files for External Photos of the EUT.

Internal photos

Please refer to separated files for Internal Photos of the EUT.

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