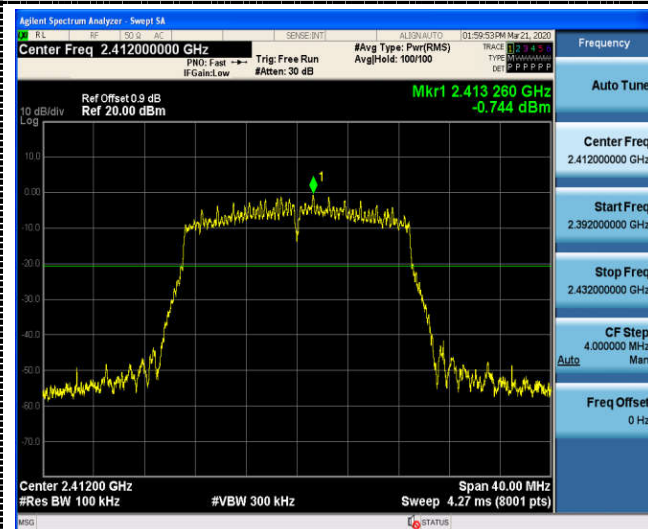
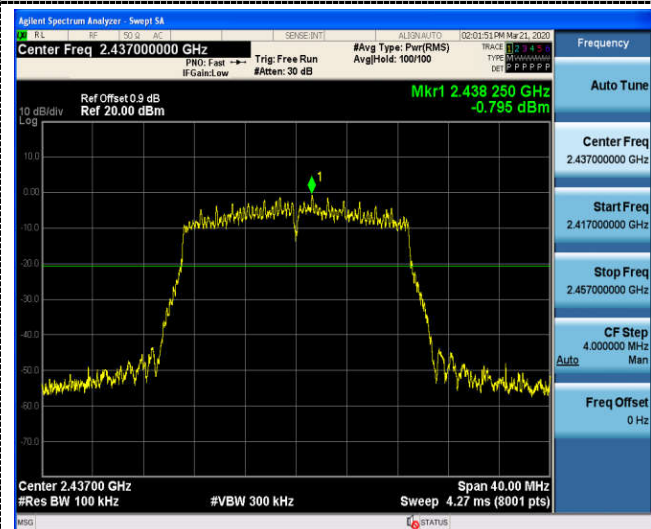


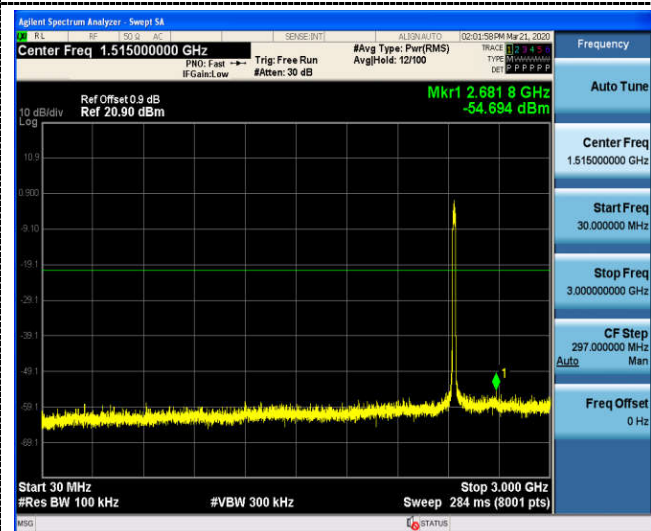
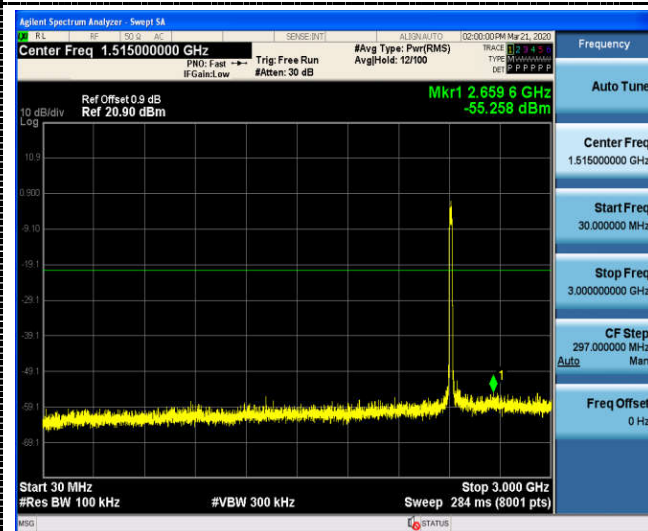
802.11n(HT20) CH01



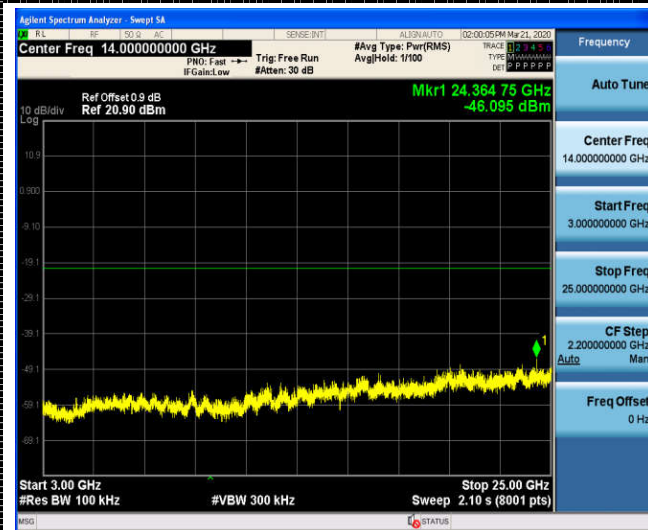
802.11n(HT20) CH06



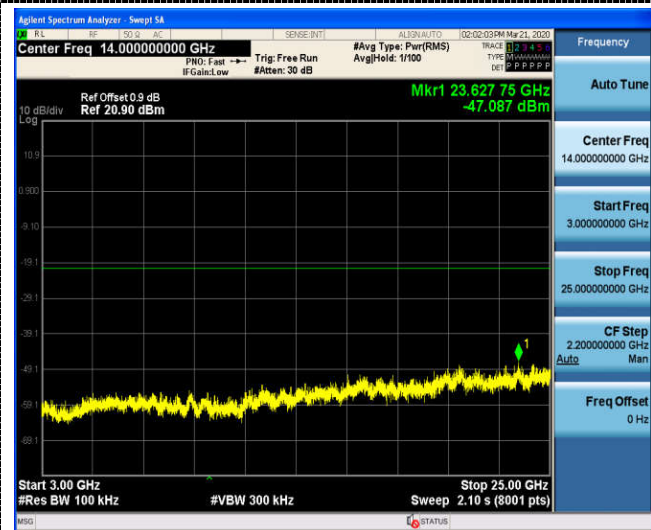
Reference



30MHz-3GHz



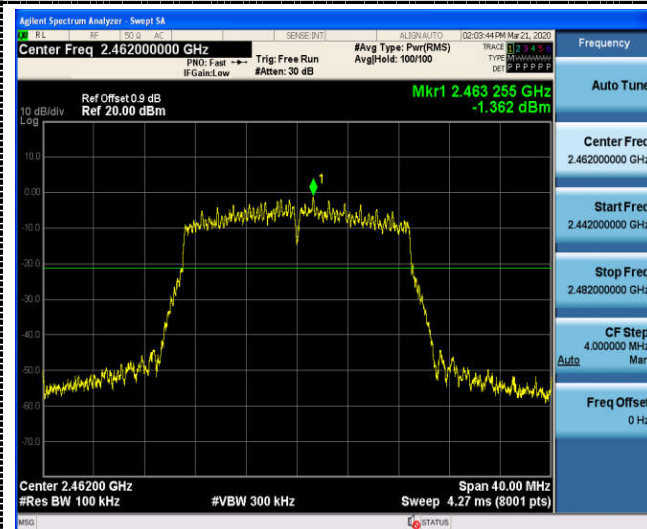
30MHz-3GHz



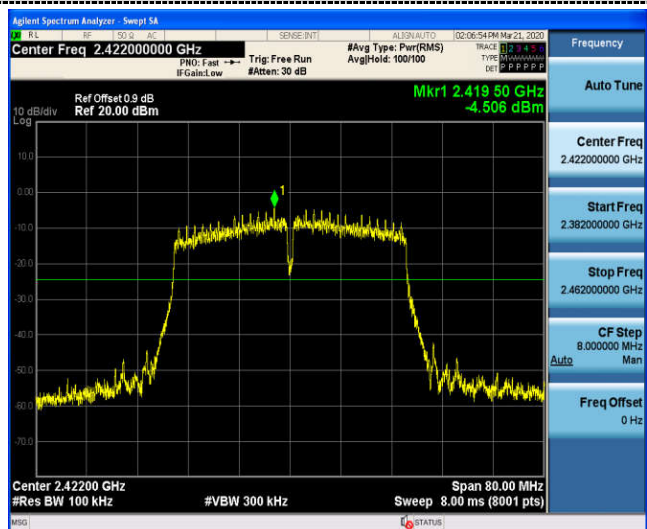
3GHz-25GHz

3GHz-25GHz

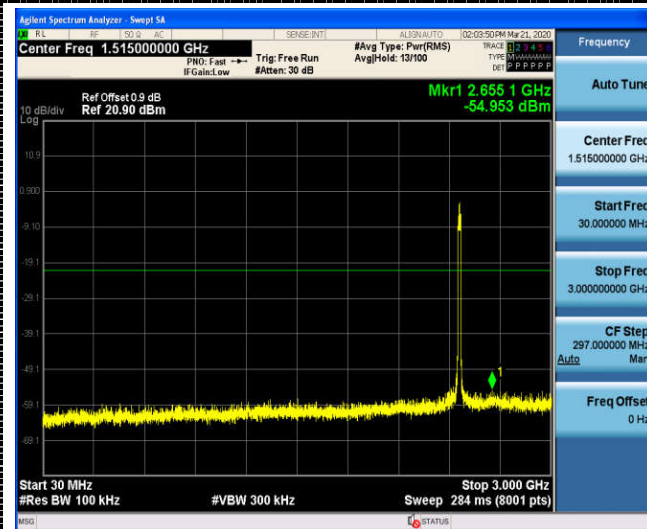
802.11n(HT20) CH11



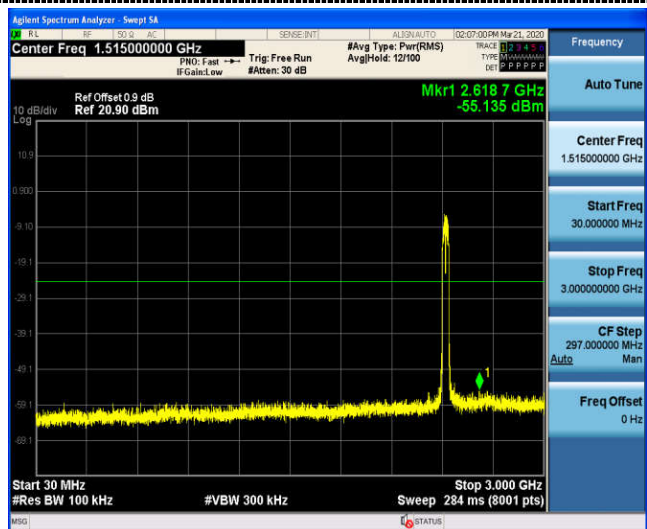
802.11n(HT40) CH03



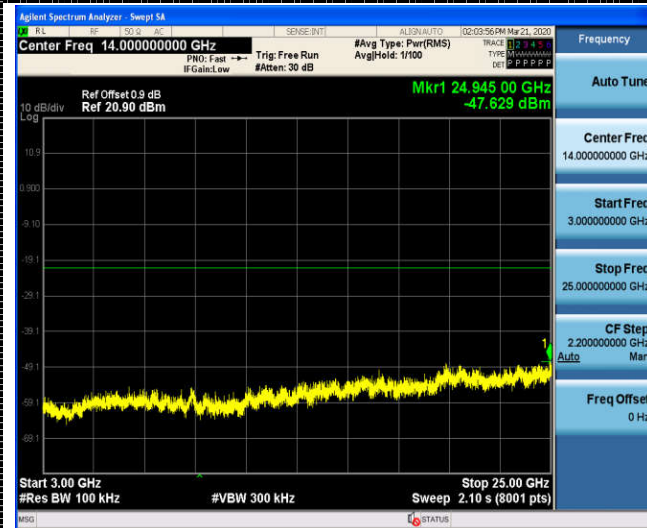
Reference



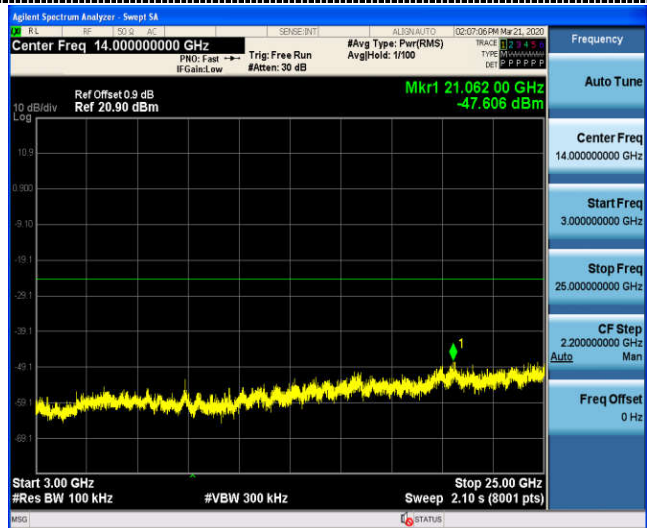
Reference



30MHz-3GHz

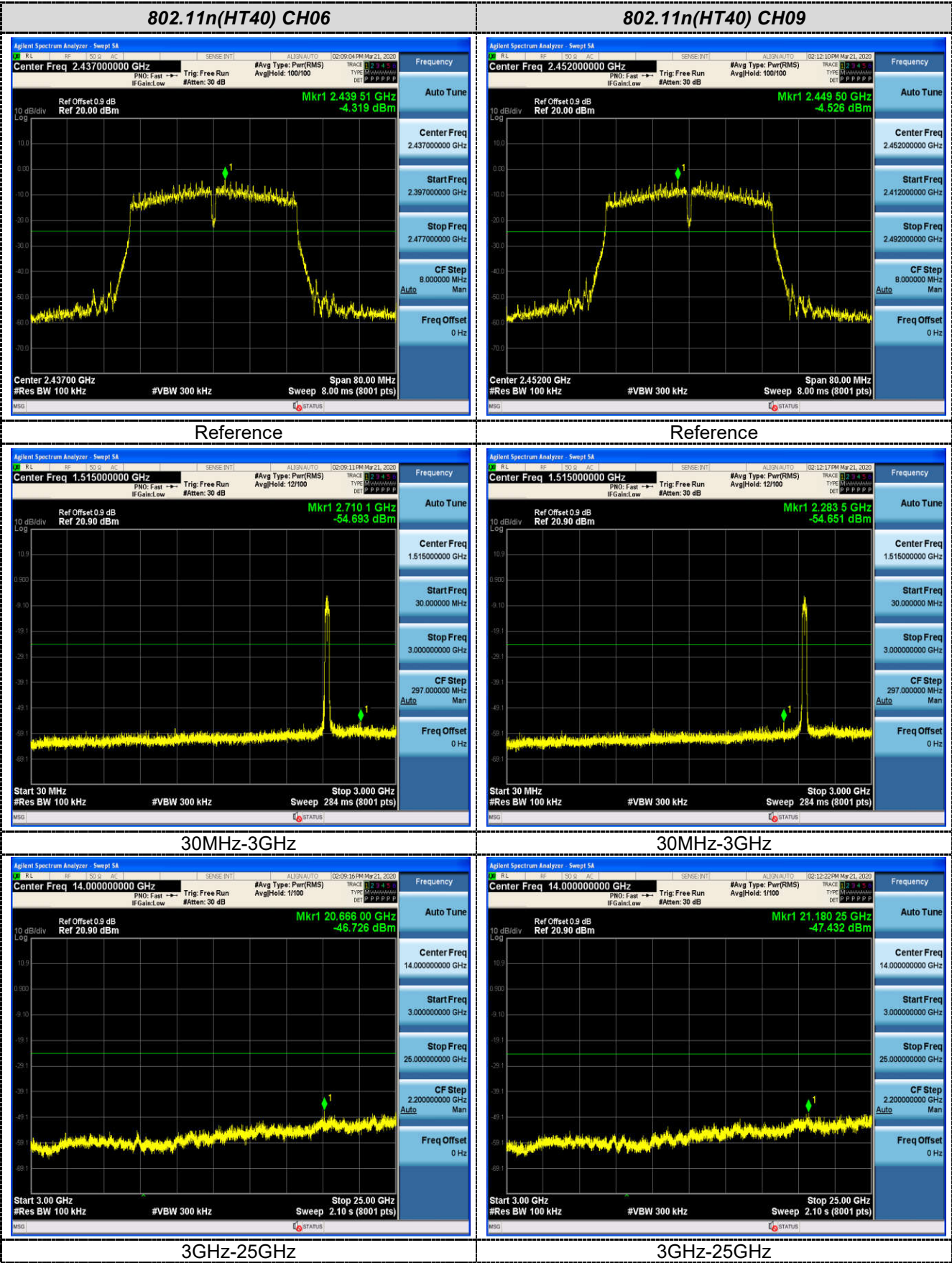


30MHz-3GHz



3GHz-25GHz

3GHz-25GHz



Reference

Agilent Spectrum Analyzer - Sweep SA

Center Freq 1.515000000 GHz

Ref Offset 0.9 dB
Ref 20.90 dBm

Mkr1 2.710 1 GHz
-54.693 dBm

Auto Tune

Center Freq 1.515000000 GHz

Start Freq 30.000000 MHz

Stop Freq 3.000000000 GHz

CF Step 297.000000 MHz

Freq Offset 0 Hz

Start 30 MHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 284 ms (8001 pts)

Reference

Agilent Spectrum Analyzer - Sweep SA

Center Freq 1.515000000 GHz

Ref Offset 0.9 dB
Ref 20.90 dBm

Mkr1 2.283 5 GHz
-54.651 dBm

Auto Tune

Center Freq 1.515000000 GHz

Start Freq 30.000000 MHz

Stop Freq 3.000000000 GHz

CF Step 297.000000 MHz

Freq Offset 0 Hz

Start 30 MHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 284 ms (8001 pts)

30MHz-3GHz

Agilent Spectrum Analyzer - Sweep SA

Center Freq 14.000000000 GHz

Ref Offset 0.9 dB
Ref 20.90 dBm

Mkr1 20.666 00 GHz
-46.726 dBm

Auto Tune

Center Freq 14.000000000 GHz

Start Freq 3.000000000 GHz

Stop Freq 25.000000000 GHz

CF Step 2.200000000 GHz

Freq Offset 0 Hz

Start 3.00 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.10 s (8001 pts)

30MHz-3GHz

Agilent Spectrum Analyzer - Sweep SA

Center Freq 14.000000000 GHz

Ref Offset 0.9 dB
Ref 20.90 dBm

Mkr1 21.180 25 GHz
-47.432 dBm

Auto Tune

Center Freq 14.000000000 GHz

Start Freq 3.000000000 GHz

Stop Freq 25.000000000 GHz

CF Step 2.200000000 GHz

Freq Offset 0 Hz

Start 3.00 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.10 s (8001 pts)

3GHz-25GHz

Agilent Spectrum Analyzer - Sweep SA

Center Freq 14.000000000 GHz

Ref Offset 0.9 dB
Ref 20.90 dBm

Mkr1 20.666 00 GHz
-46.726 dBm

Auto Tune

Center Freq 14.000000000 GHz

Start Freq 3.000000000 GHz

Stop Freq 25.000000000 GHz

CF Step 2.200000000 GHz

Freq Offset 0 Hz

Start 3.00 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.10 s (8001 pts)

3GHz-25GHz

Agilent Spectrum Analyzer - Sweep SA

Center Freq 14.000000000 GHz

Ref Offset 0.9 dB
Ref 20.90 dBm

Mkr1 21.180 25 GHz
-47.432 dBm

Auto Tune

Center Freq 14.000000000 GHz

Start Freq 3.000000000 GHz

Stop Freq 25.000000000 GHz

CF Step 2.200000000 GHz

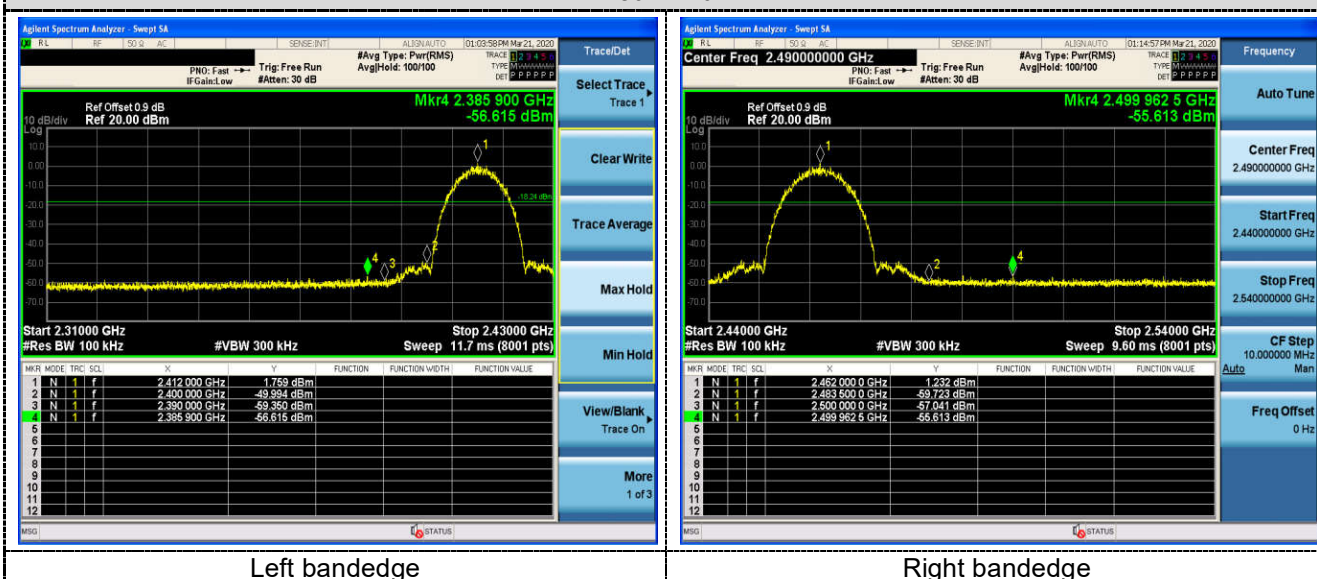
Freq Offset 0 Hz

Start 3.00 GHz

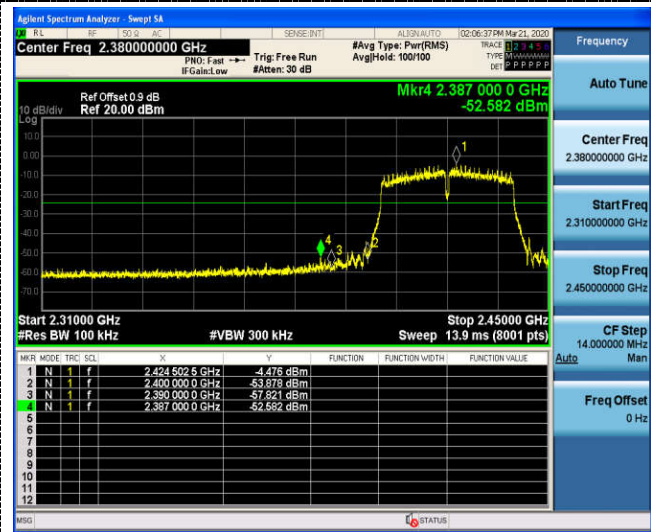
#Res BW 100 kHz

#VBW 300 kHz

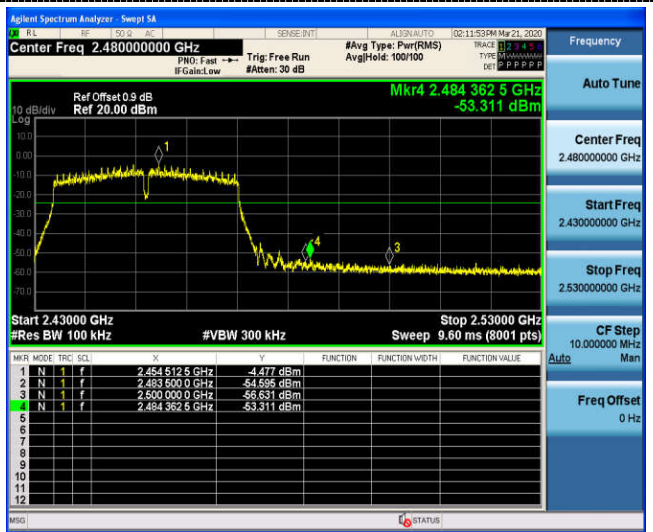
Sweep 2.10 s (8001 pts)

Band-edge Measurements for RF Conducted Emissions:**802.11b****802.11g****802.11n(HT20)**

802.11n(HT40)



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

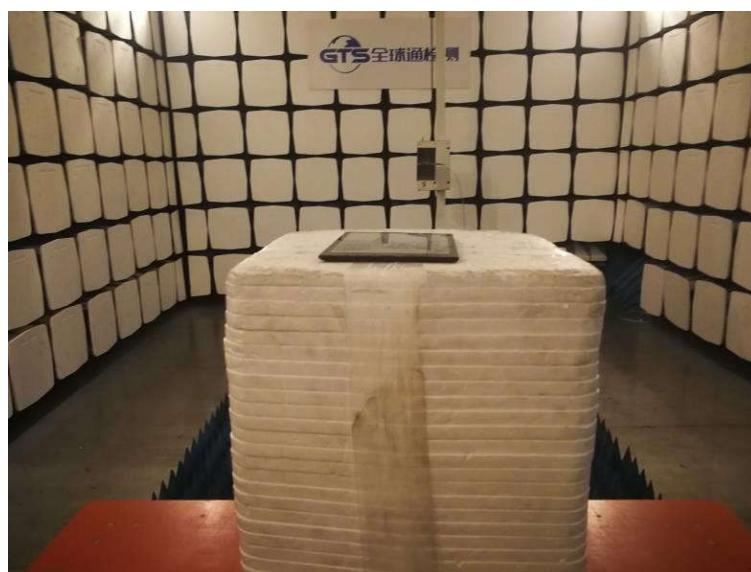
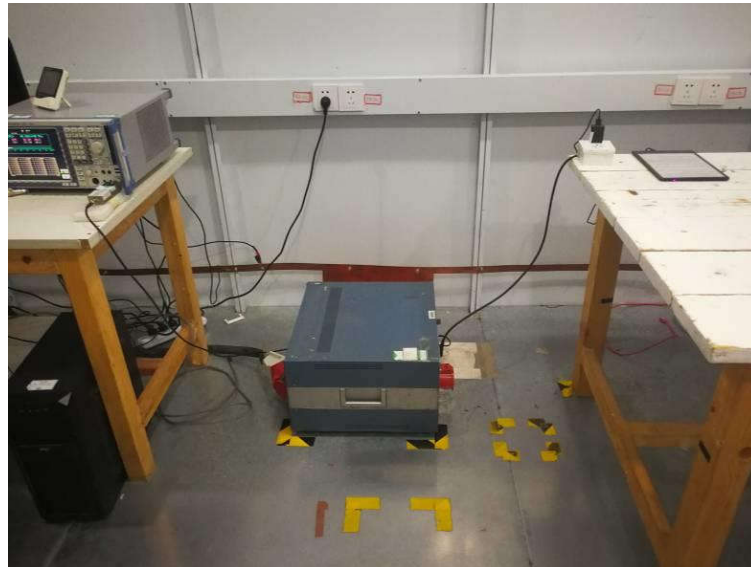
FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1) (I):

(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:

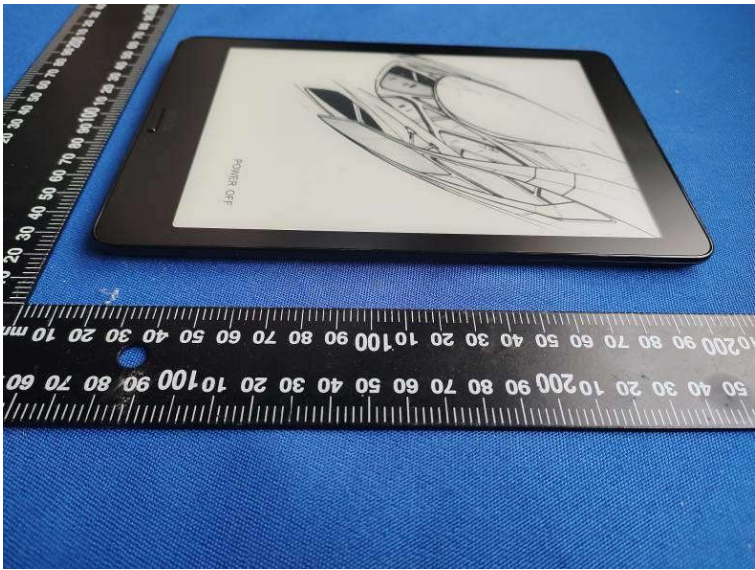
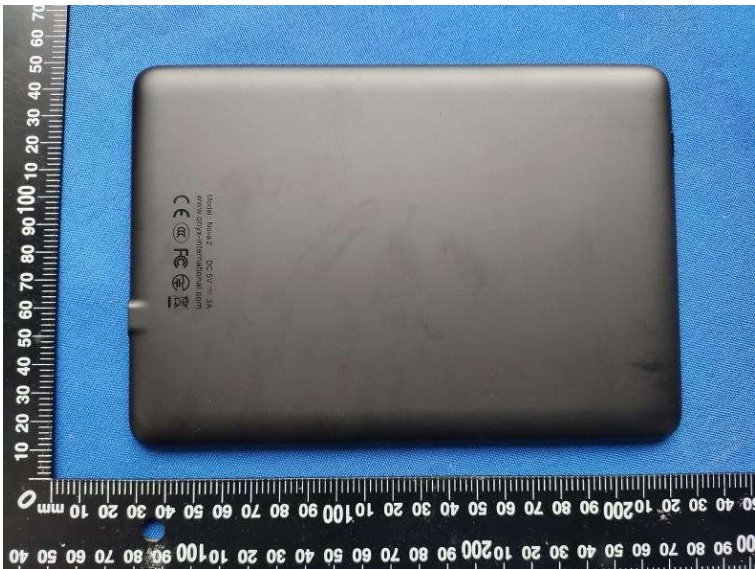
The maximum gain of antenna was 1.20dBi for 2.4GHz WIFI.

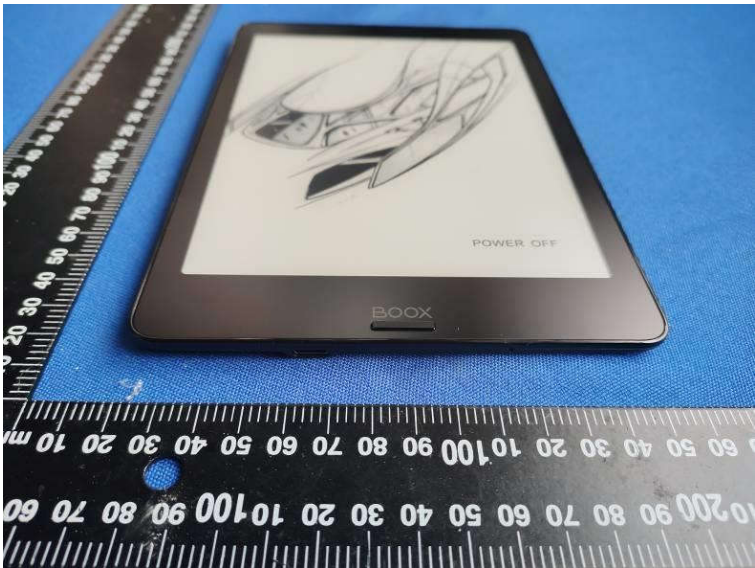
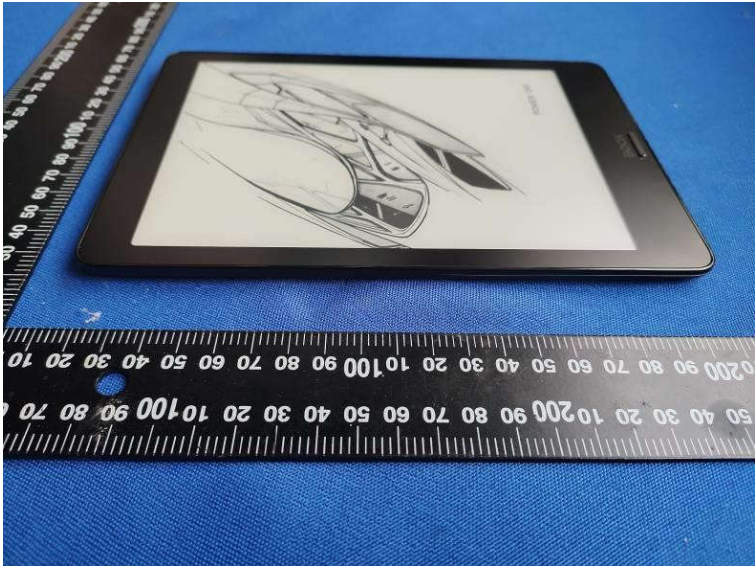
5 Test Setup Photos of the EUT



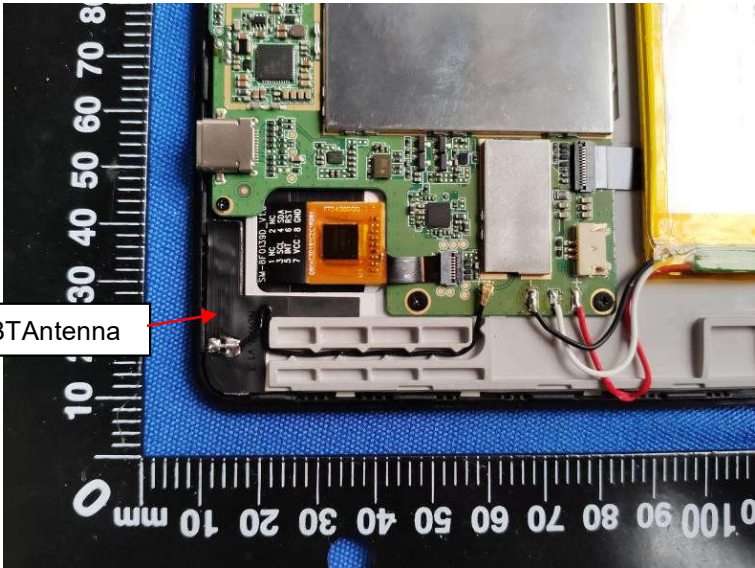
6 Photos of the EUT

External Photos of EUT

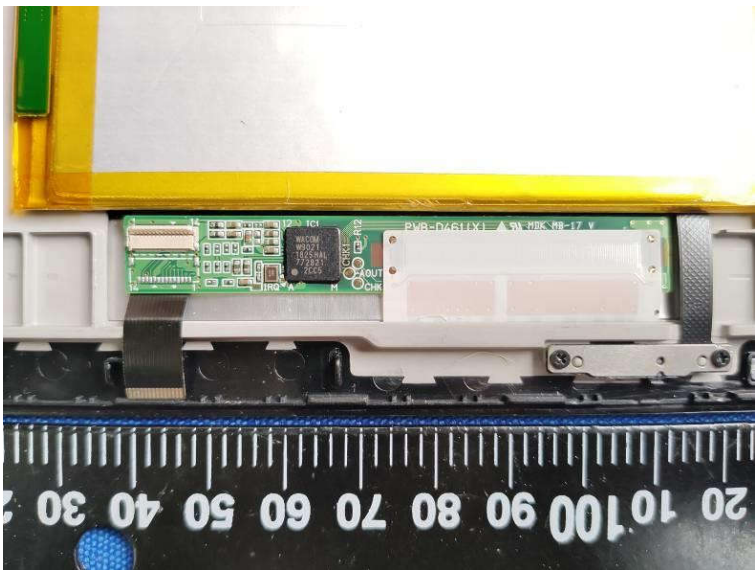
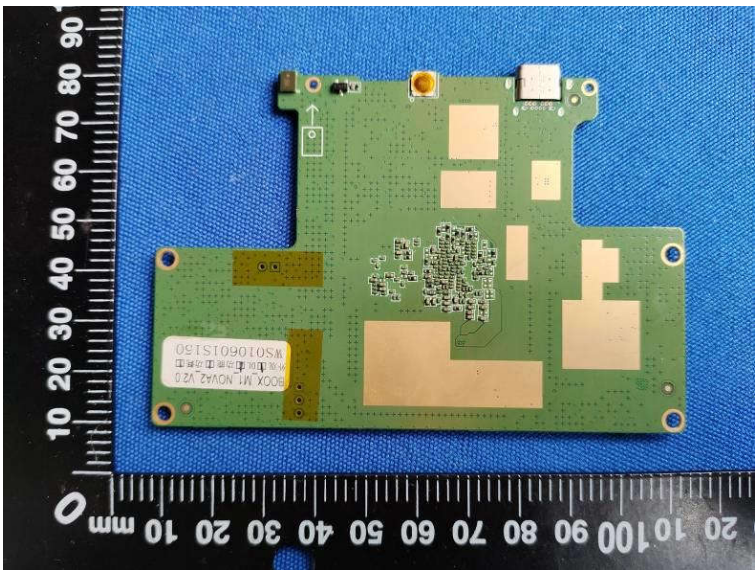
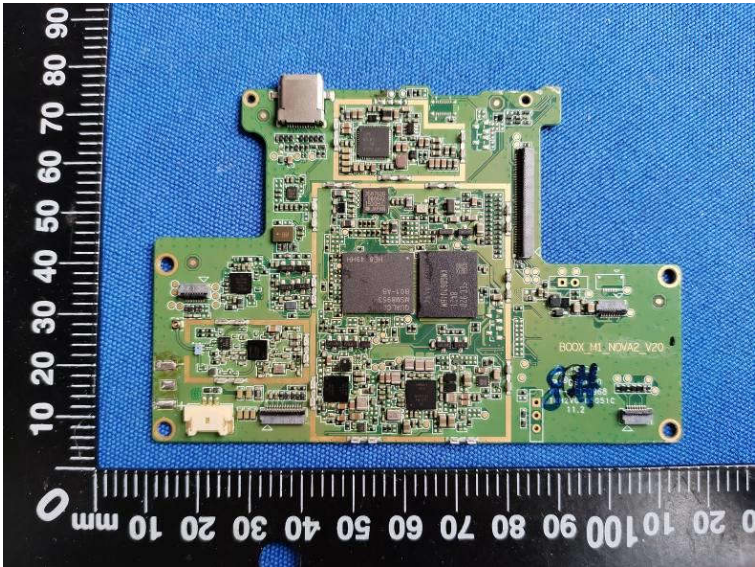


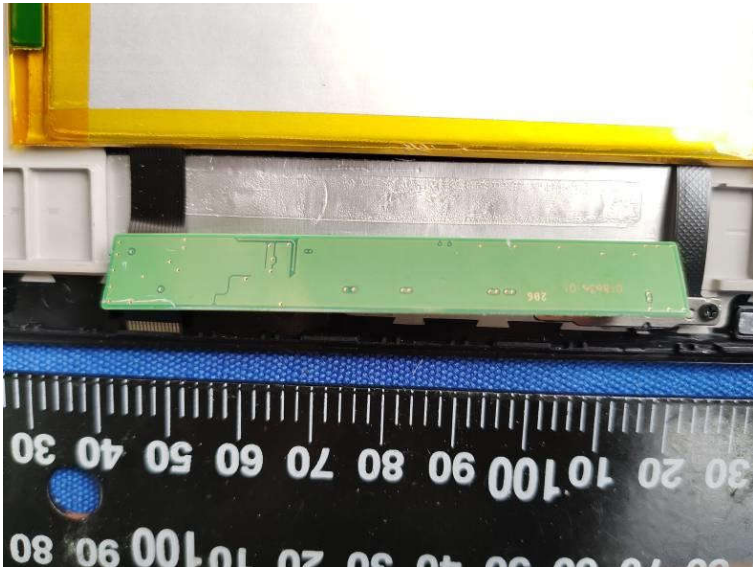


Internal Photos



WIFI/BT Antenna





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