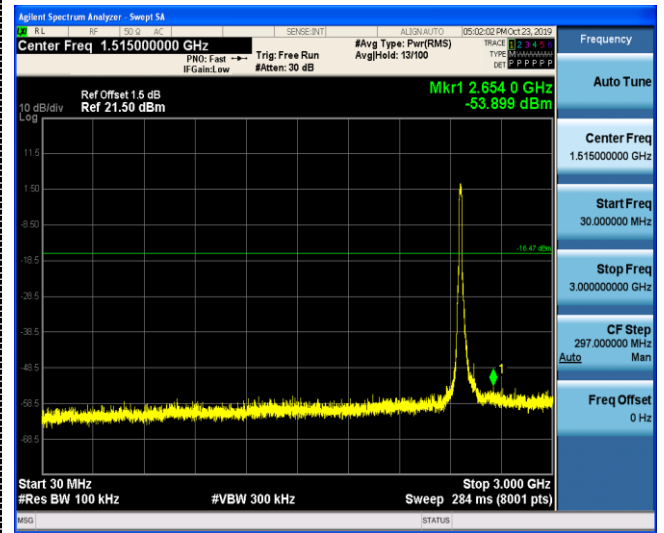
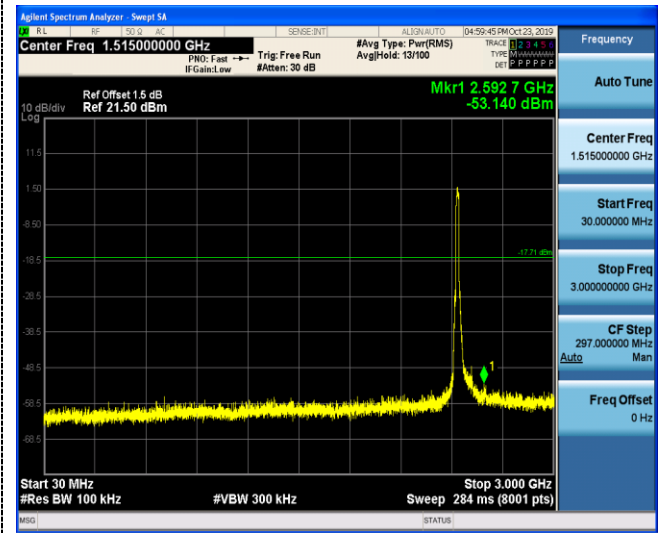


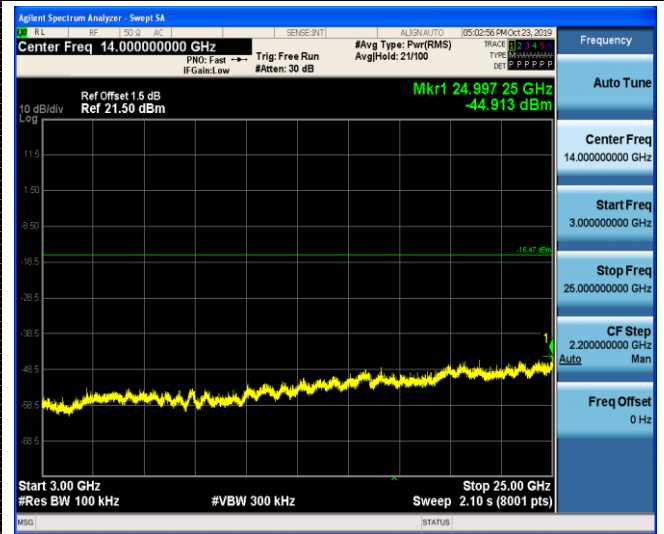
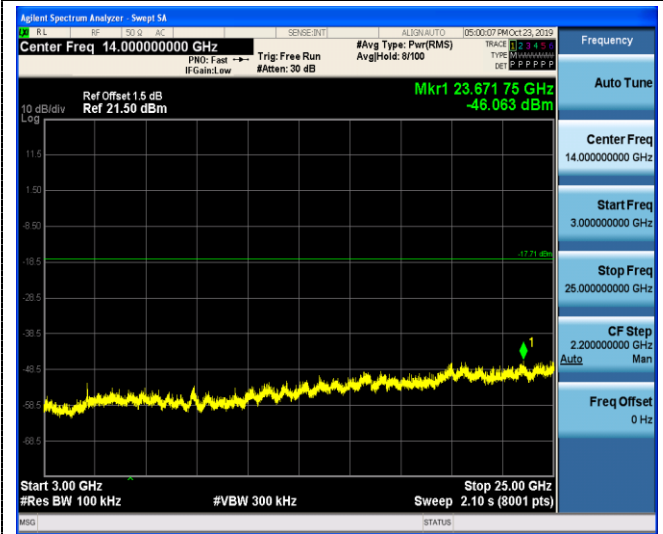
Reference

Reference



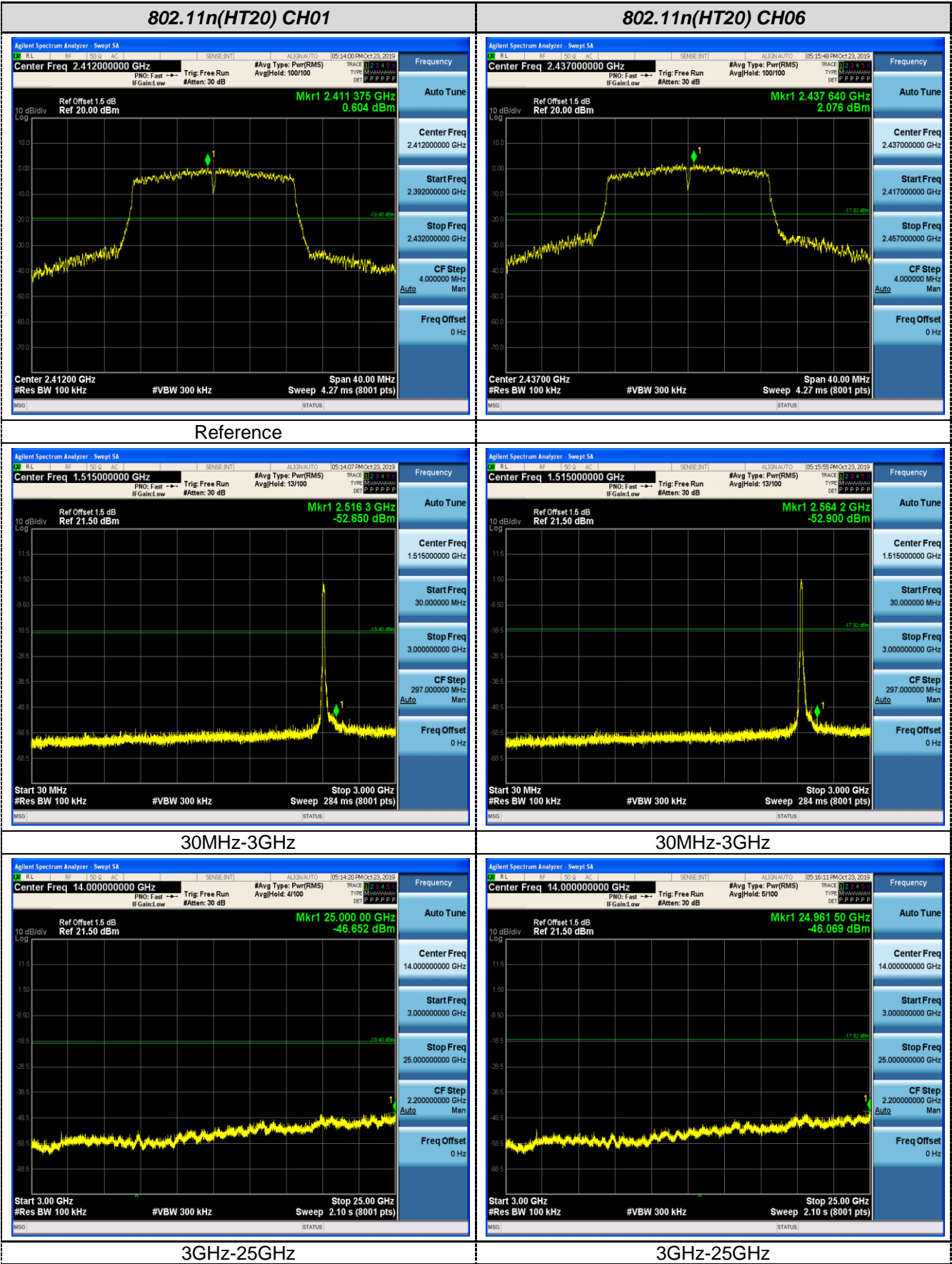
30MHz-3GHz

30MHz-3GHz



3GHz-25GHz

3GHz-25GHz



Reference

Agilent Spectrum Analyzer - Sweep SA

Center Freq 1.515000000 GHz

Ref Offset 1.5 dB
Ref 21.50 dBm

Mkr1 2.516 3 GHz
-52.650 dBm

Auto Tune

Center Freq 1.515000000 GHz

Start Freq 3.000000000 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

Stop 3.000 GHz

Sweep 284 ms (8001 pts)

Agilent Spectrum Analyzer - Sweep SA

Center Freq 1.515000000 GHz

Ref Offset 1.5 dB
Ref 21.50 dBm

Mkr1 2.564 2 GHz
-52.900 dBm

Auto Tune

Center Freq 1.515000000 GHz

Start Freq 3.000000000 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

Stop 3.000 GHz

Sweep 284 ms (8001 pts)

30MHz-3GHz

Agilent Spectrum Analyzer - Sweep SA

Center Freq 14.000000000 GHz

Ref Offset 1.5 dB
Ref 21.50 dBm

Mkr1 25.000 00 GHz
-46.652 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

Stop 25.00 GHz

Sweep 2.10 s (8001 pts)

Agilent Spectrum Analyzer - Sweep SA

Center Freq 14.000000000 GHz

Ref Offset 1.5 dB
Ref 21.50 dBm

Mkr1 24.961 50 GHz
-46.069 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

Stop 25.00 GHz

Sweep 2.10 s (8001 pts)

3GHz-25GHz

Agilent Spectrum Analyzer - Sweep SA

Center Freq 14.000000000 GHz

Ref Offset 1.5 dB
Ref 21.50 dBm

Mkr1 25.000 00 GHz
-46.652 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

Stop 25.00 GHz

Sweep 2.10 s (8001 pts)

Agilent Spectrum Analyzer - Sweep SA

Center Freq 14.000000000 GHz

Ref Offset 1.5 dB
Ref 21.50 dBm

Mkr1 24.961 50 GHz
-46.069 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

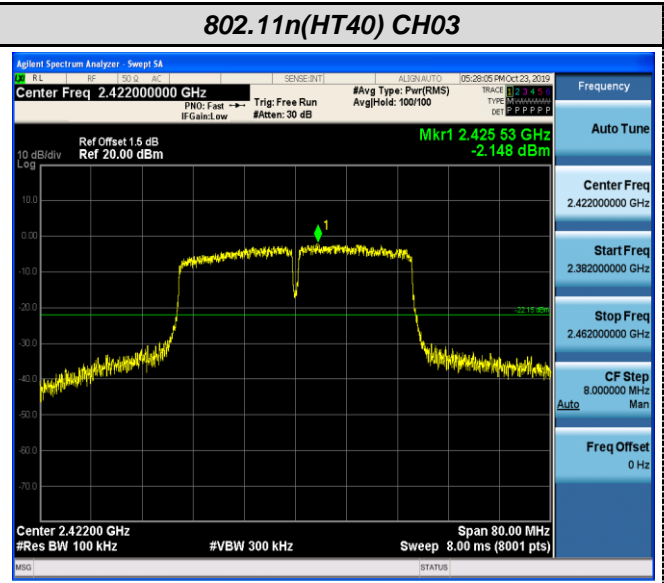
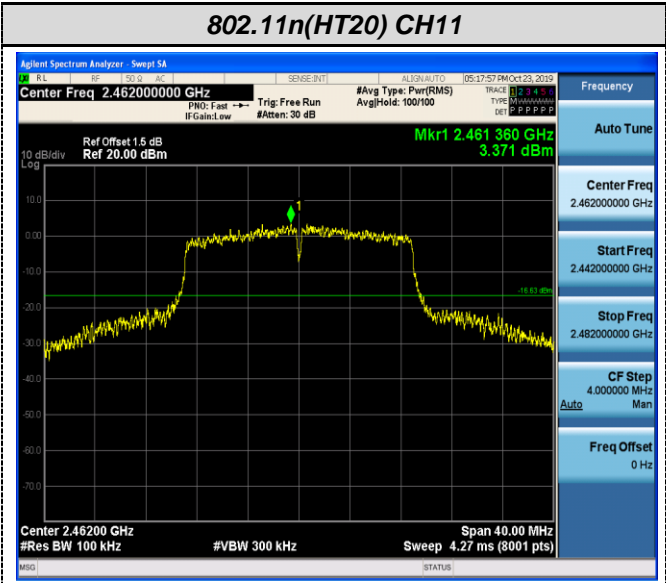
#Res BW 100 kHz

#VBW 300 kHz

Stop 25.00 GHz

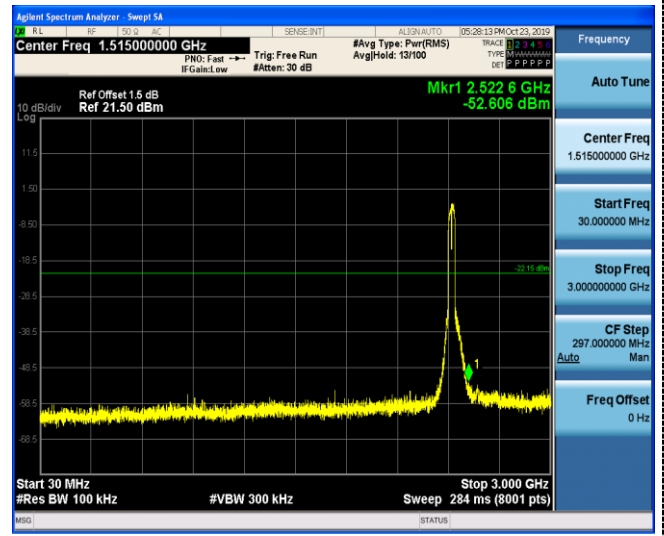
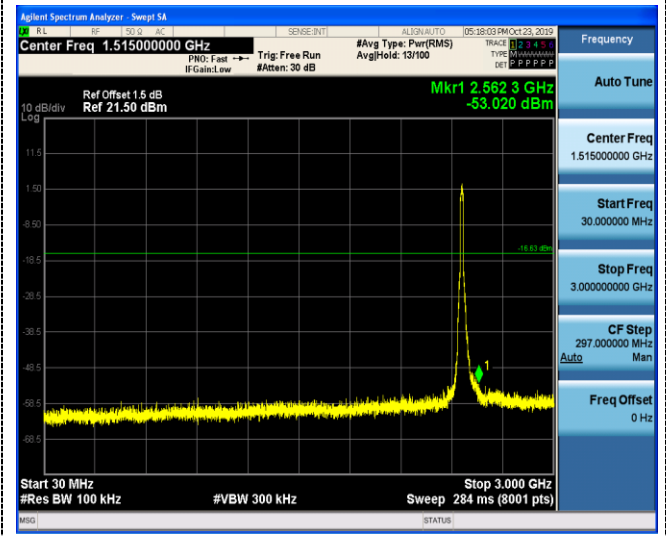
Sweep 2.10 s (8001 pts)

3GHz-25GHz



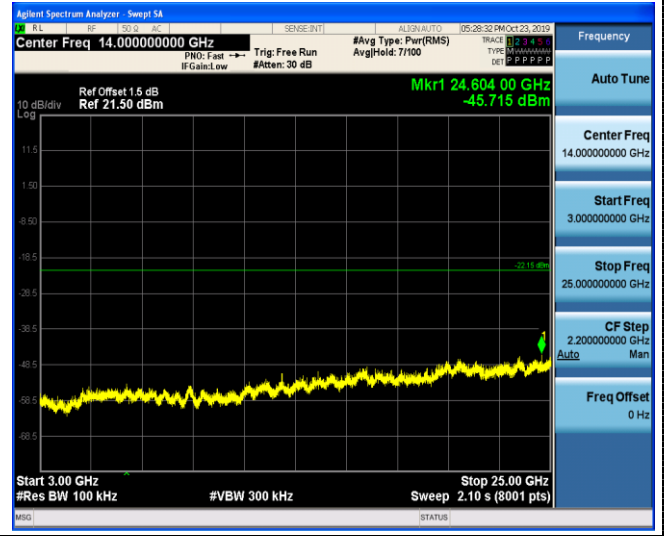
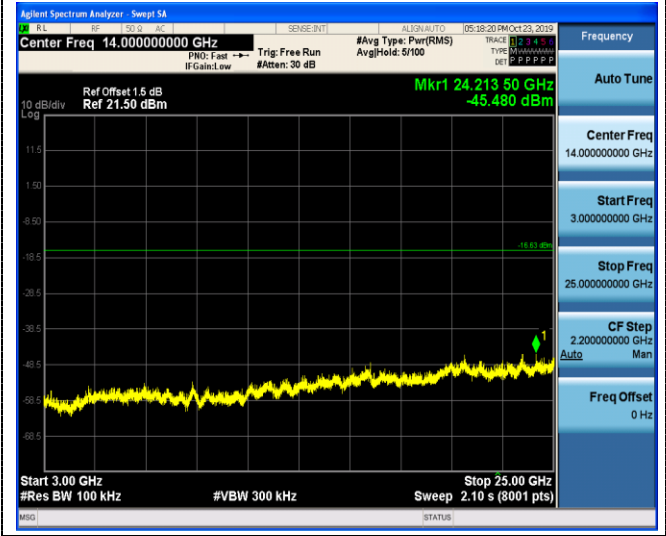
Reference

Reference



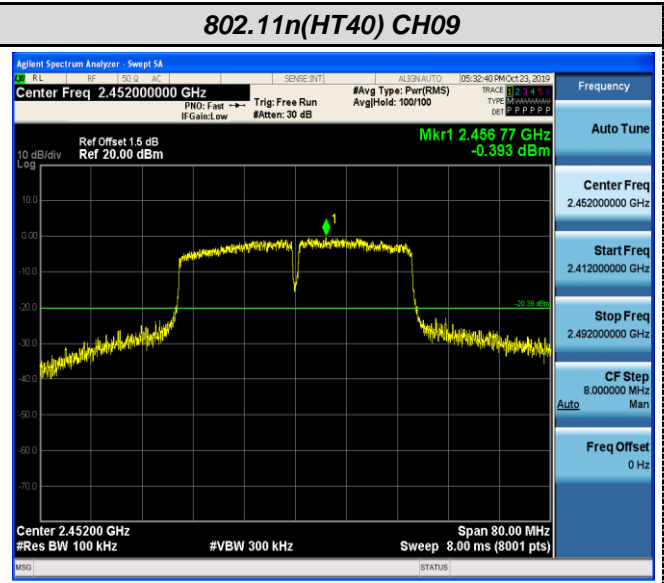
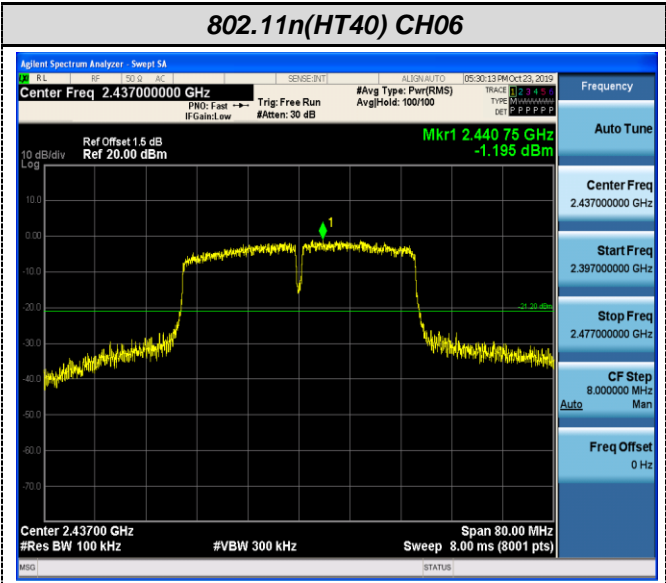
30MHz-3GHz

30MHz-3GHz



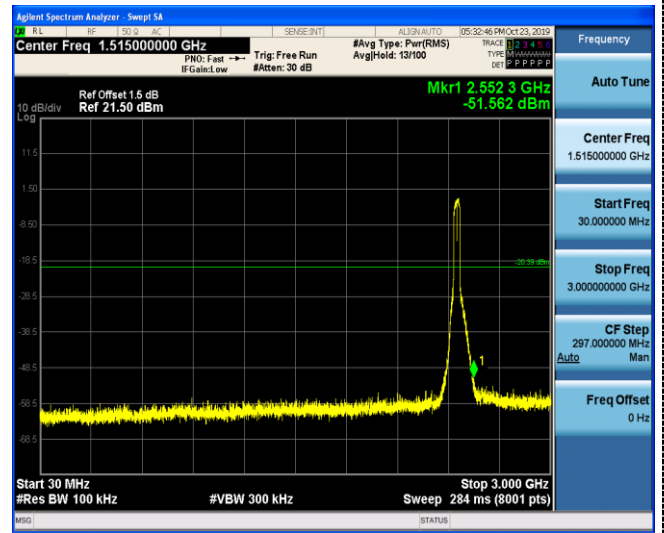
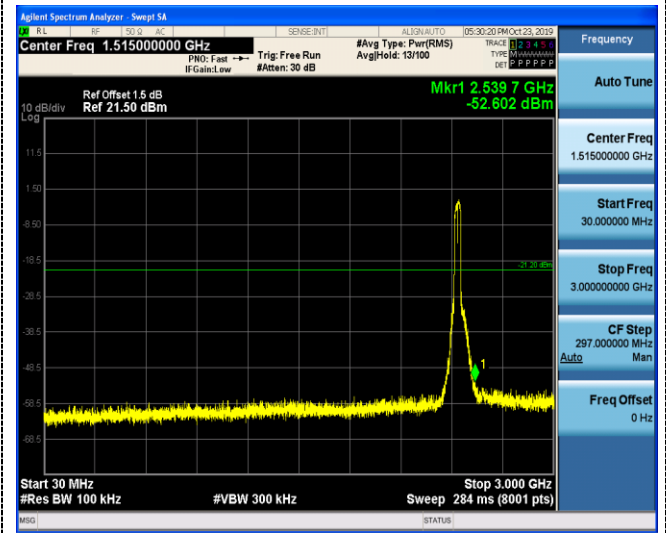
3GHz-25GHz

3GHz-25GHz



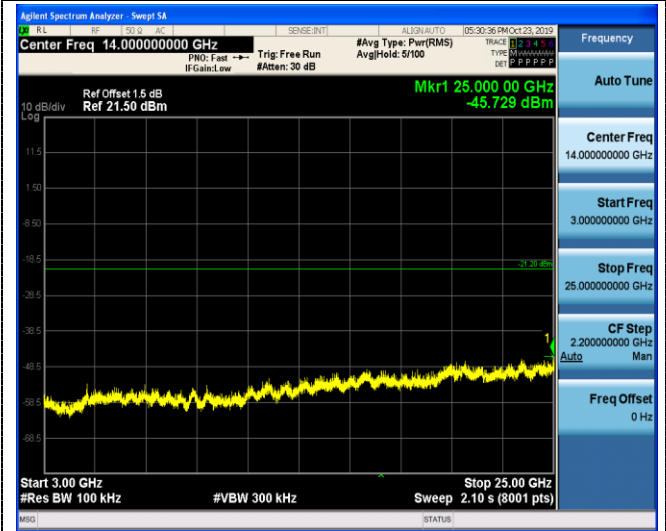
Reference

Reference



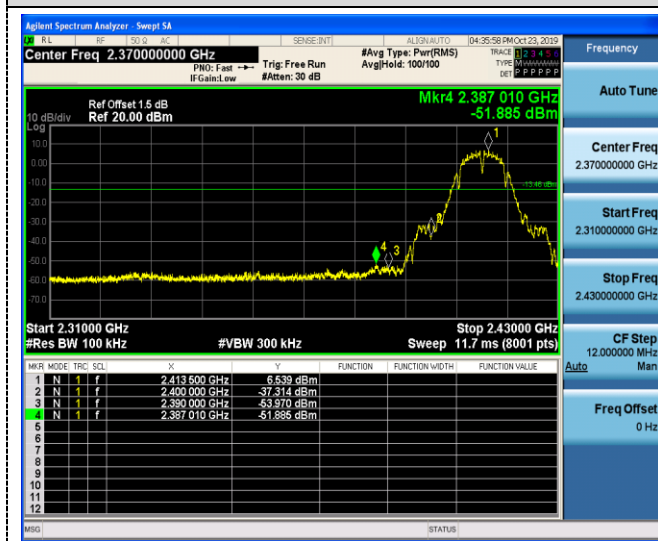
30MHz-3GHz

30MHz-3GHz



3GHz-25GHz

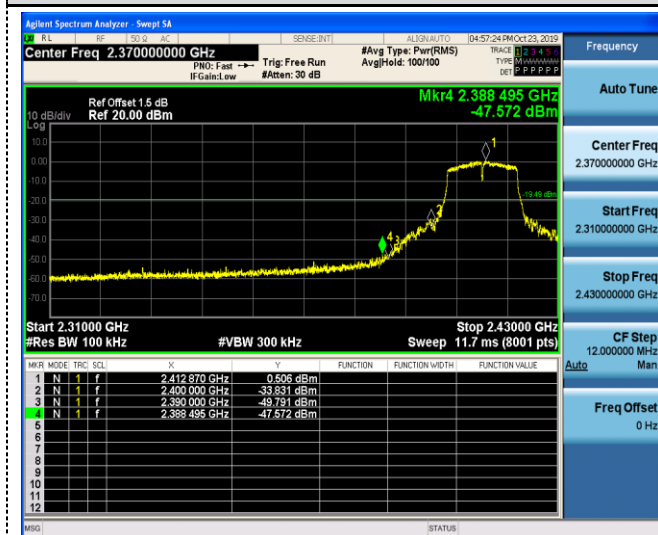
3GHz-25GHz

Band-edge Measurements for RF Conducted Emissions:**802.11b**

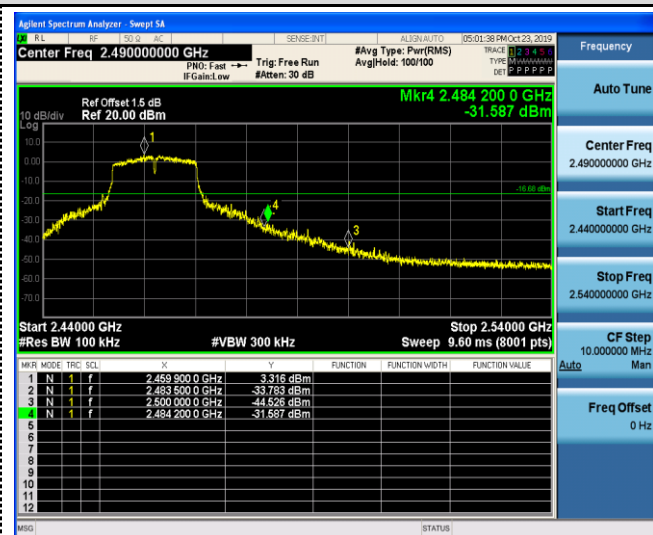
Left bandedge



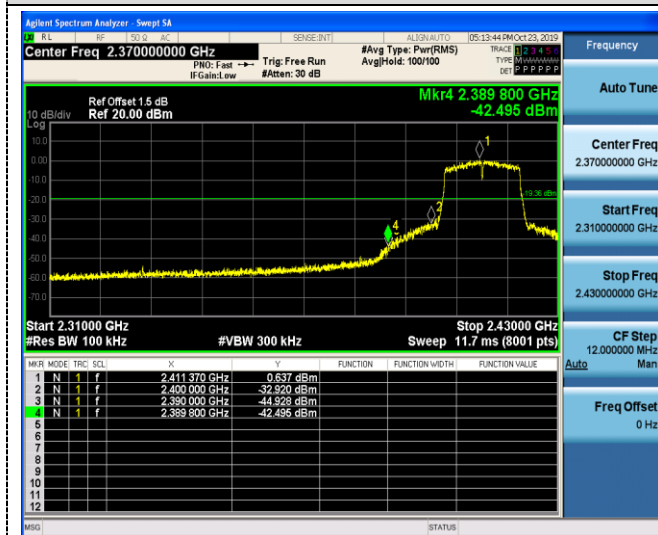
Right bandedge

802.11g

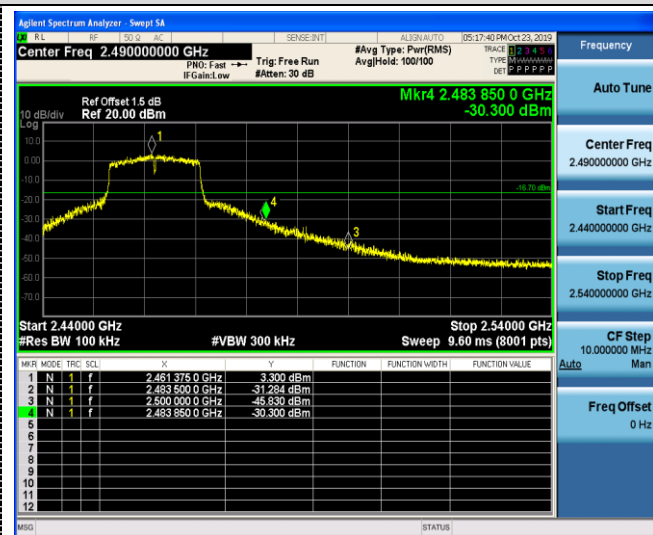
Left bandedge



Right bandedge

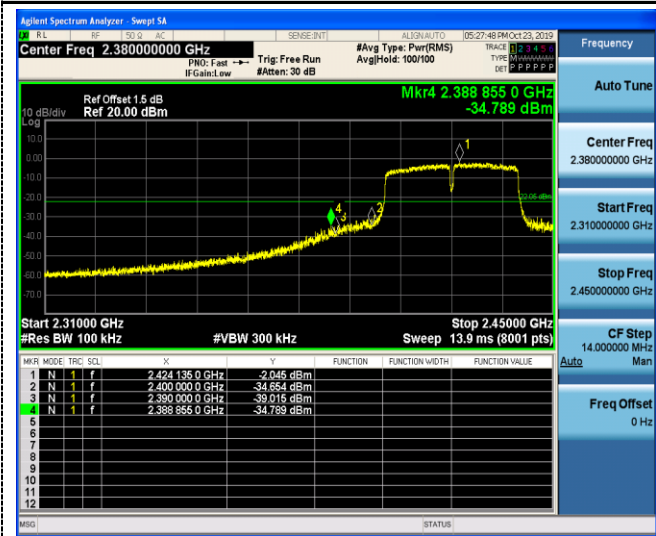
802.11n(HT20)

Left bandedge



Right bandedge

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

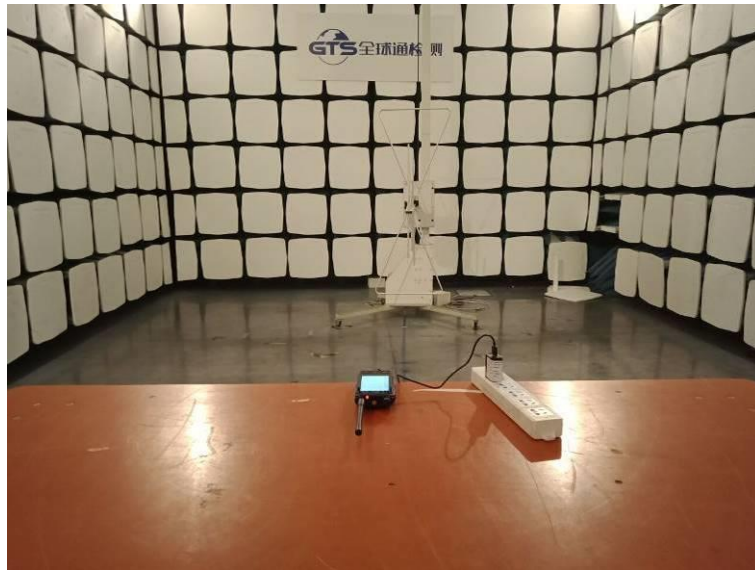
FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1) (I):

(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 0.5dBi for 2.4GHz WIFI.

5 Test Setup Photos of the EUT



6 Photos of the EUT

Reference to the test report No. GTS20191021009-1-9-1

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