

Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1





Antenna A

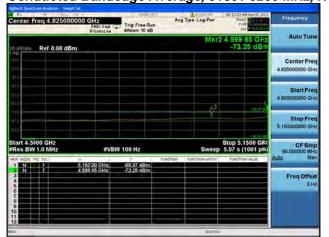
Antenna B



Antenna C



Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2





Antenna A

Antenna C

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Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3





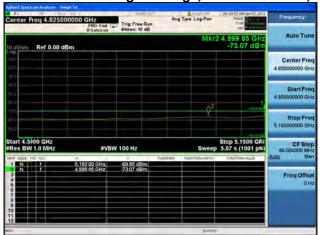
Antenna B

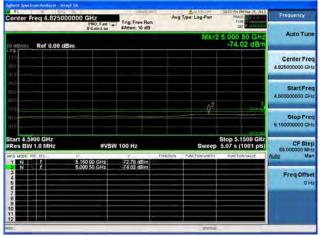


Antenna C



Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1

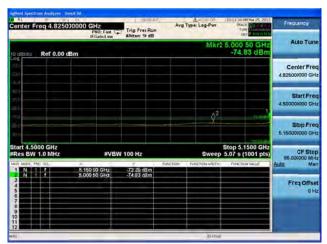




Antenna C



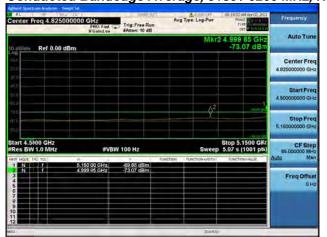
Antenna B



Antenna D

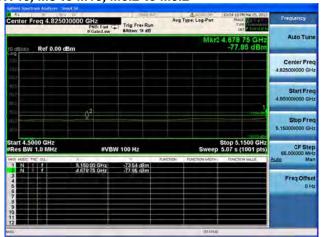


Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2

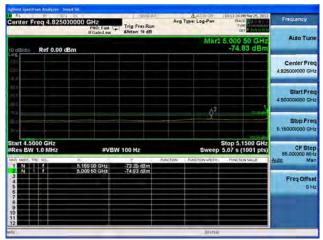




Antenna C



Antenna B



Antenna D

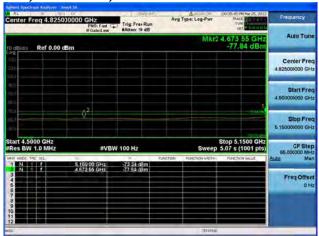


Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3

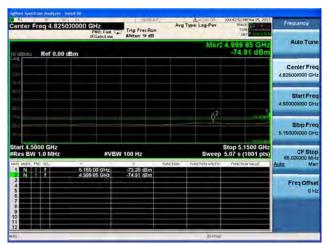




Antenna C



Antenna B

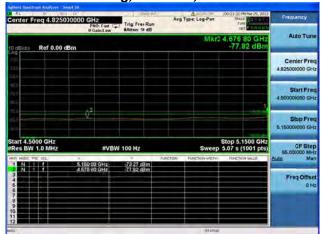


Antenna D



Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1



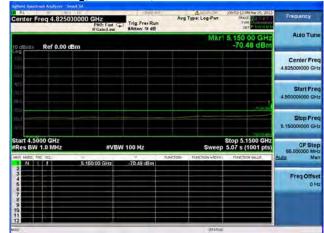


Antenna A Antenna B



Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2

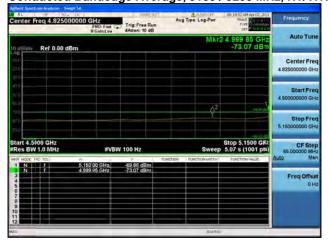




Antenna A Antenna B



Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna A

| Auto Tune | Auto

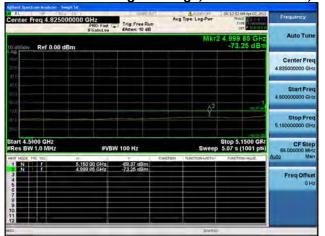
Antenna C

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Antenna B



Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna A

| Center Freq 4.825000000 GHz | Fiction to did | Fiction

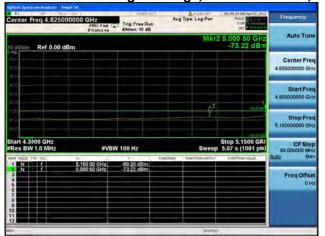
Antenna C

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Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3

Antenna B



Center Freq 4.82500000 GHz P00 Fast Calculus Trigs Free Run Avg Type: Leg-Per Rec 1 Run Avg Type: Leg-Per Rec 2 Run Rec 2 Run Rec 3 Run Rec 3 Run Rec 3 Run Rec 4.82500000 GHz Rec 5 Run Rec 5 Run Rec 6 Run Rec 7 Run Rec 7 Run Rec 8 Run Rec 7 Run Rec 8 Run Rec 9 Run Rec 8 Run Rec 9 Run

Antenna A

Auto Tune

Center Freq 4.825000000 GHz

Fig. Fres Run

Fig. Fres R

Antenna C

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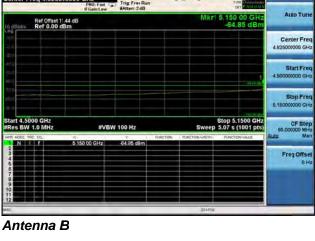
Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1

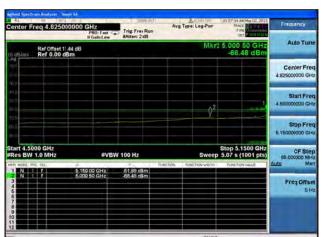






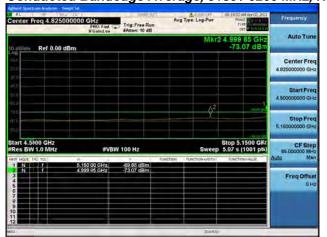
Antenna C Antenna D

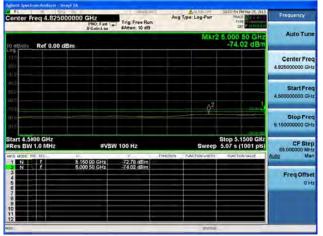




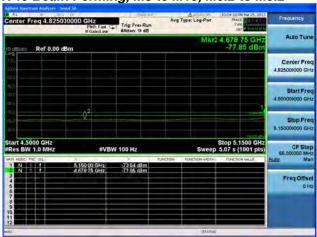


Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2

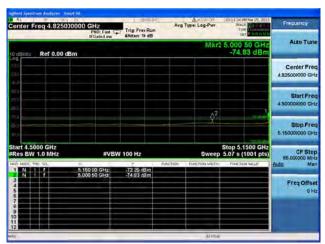




Antenna C



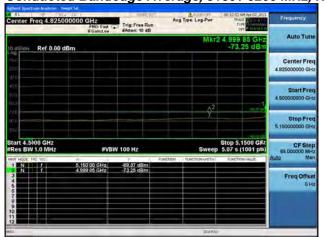
Antenna B



Antenna D



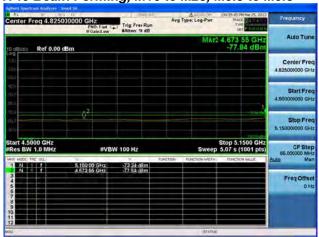
Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3



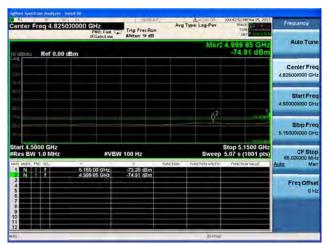




Antenna C



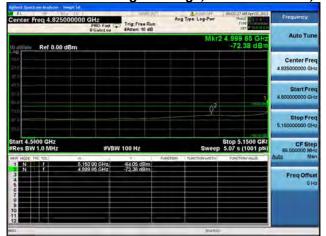
Antenna B

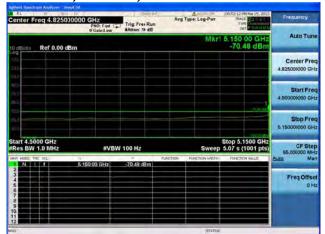


Antenna D



Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1





Antenna A Antenna B



Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1





Antenna A

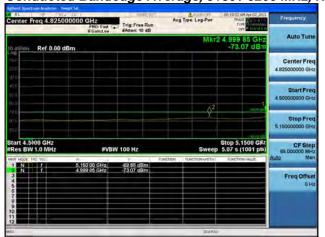
Antenna B



Antenna C



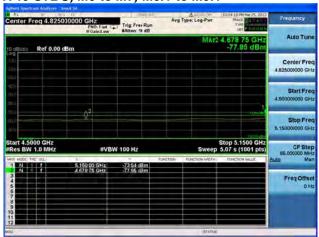
Conducted Bandedge Average, 5180 / 5200 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1



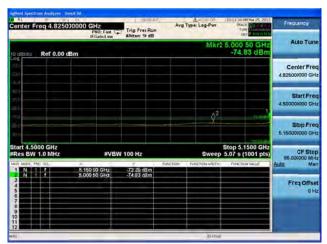




Antenna C



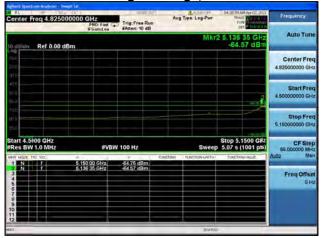
Antenna B



Antenna D



Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, Non HT/VHT80, 6 to 54 Mbps



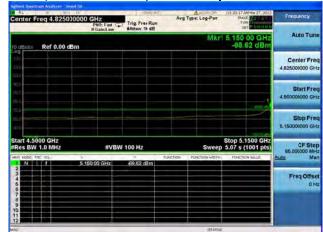
Antenna A

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Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, Non HT/VHT80, 6 to 54 Mbps





Antenna B



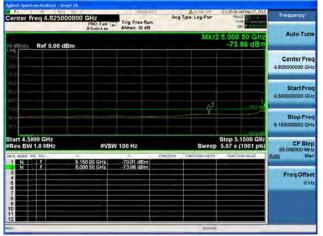
Trig: Free Run

-72.44 dBm -77.93 dBm

Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, Non HT/VHT80, 6 to 54 Mbps



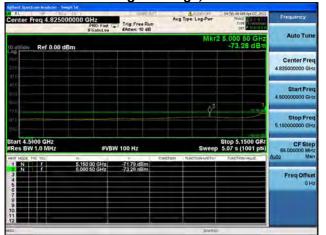
Antenna A Antenna B

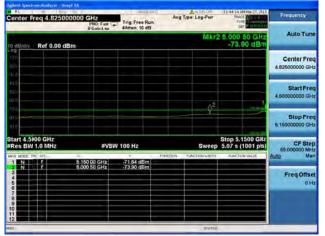


Antenna C



Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, Non HT/VHT80, 6 to 54 Mbps

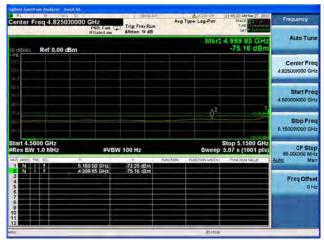




Antenna C



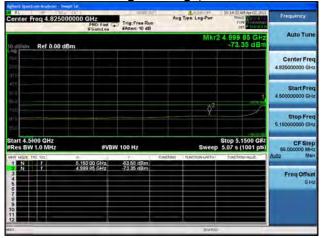
Antenna B



Antenna D



Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1

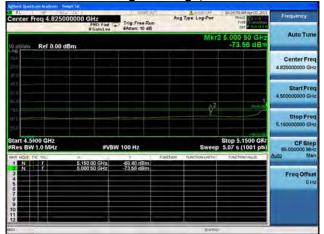


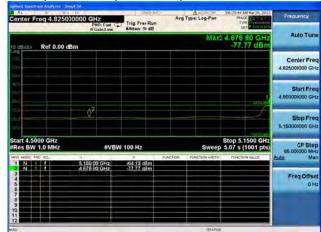
Antenna A

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Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1



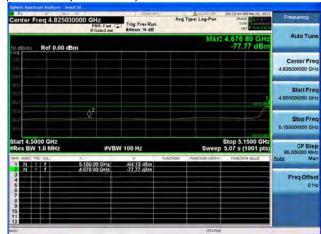


Antenna B



Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2





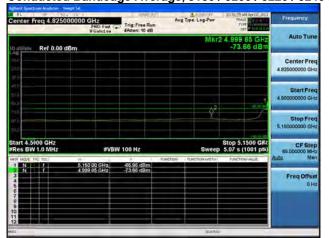
Antenna A

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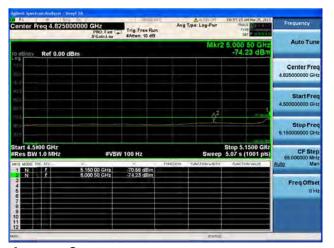
Antenna B



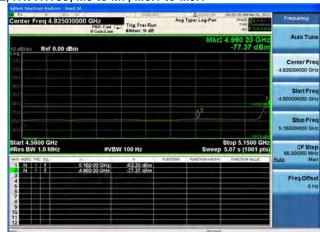
Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1







Antenna C

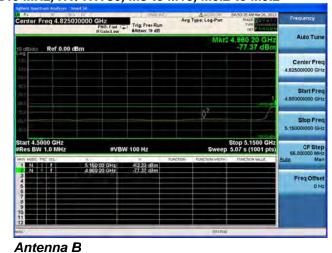


Antenna B



Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2





Antenna A

| Special Analysis | Section | Secti

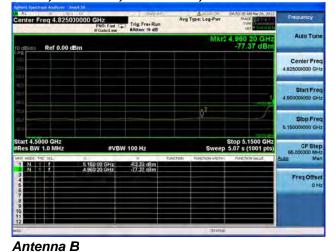
Antenna C

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Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M16 to M23, M0.3 to M9.3





Antenna A

or Freq 4.82500000 GHz Avs Tres Log-Pur Mod 200000 Frequency

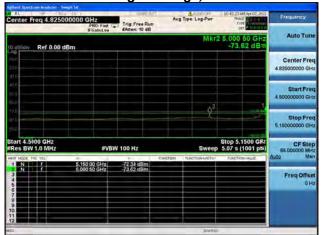


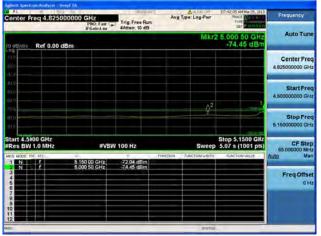
Antenna C

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Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1

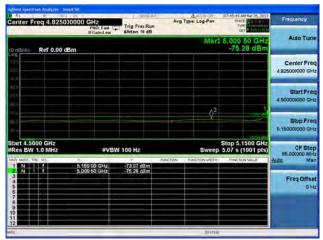




Antenna C



Antenna B



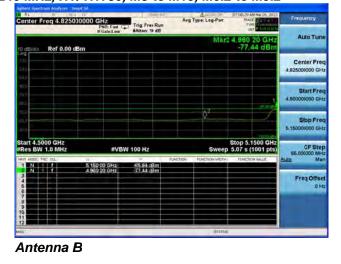
Antenna D



Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2

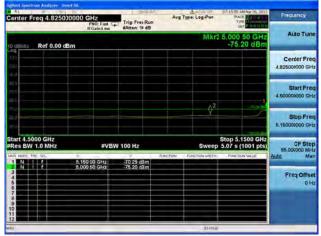








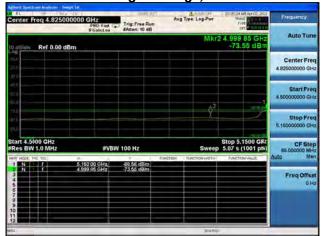
Antenna C Ai

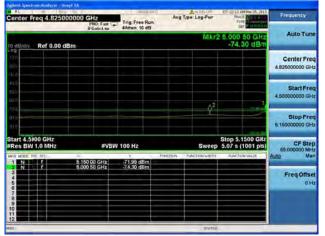


Antenna D



Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M16 to M23, M0.3 to M9.3

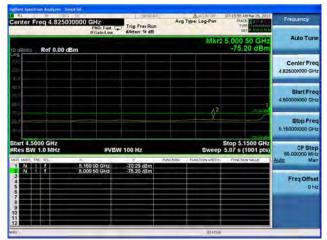




Antenna C



Antenna B



Antenna D



Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1



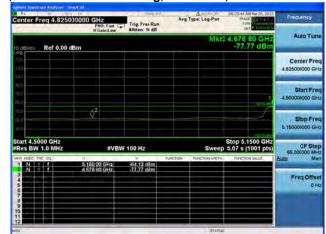


Antenna A Antenna B



Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna B



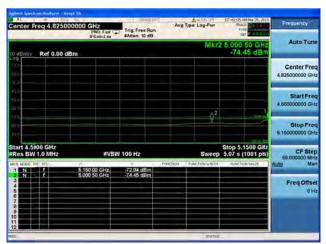
Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1





-72:34 dBn -77:47 dBn





Antenna C



Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna B

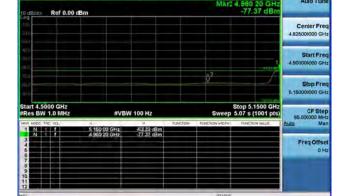


Antenna C

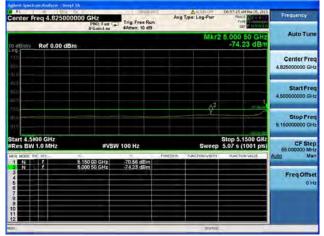


Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3





Antenna B



Antenna C



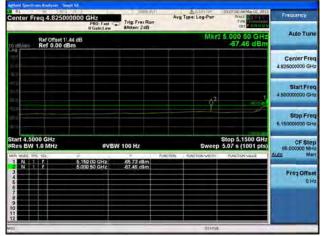
Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1







Antenna B



Antenna C

Antenna D

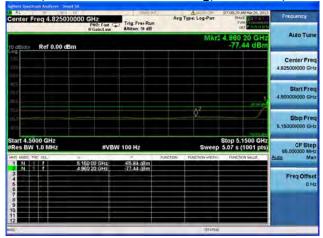


Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2

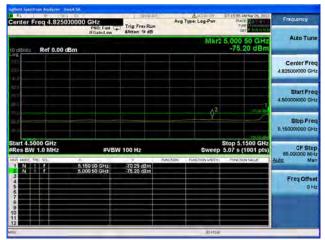




Antenna C



Antenna B



Antenna D

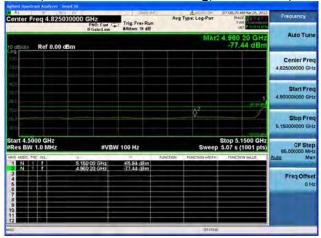


Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3

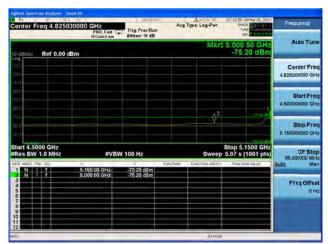




Antenna C



Antenna B

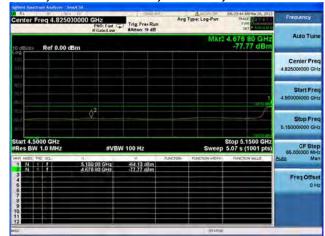


Antenna D



Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1





Antenna B



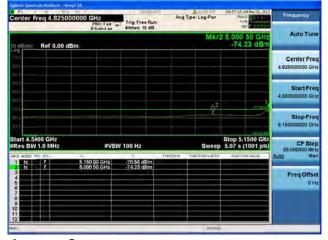
Center Fre

-77.37 dBm

Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1







Antenna C

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Center Fre

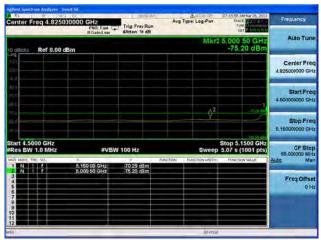
Conducted Bandedge Average, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1



Antenna A Antenna B



Antenna C Antenna D



-85, 94 dBr -77, 44 dBr











Antenna A Antenna B











Antenna C









Antenna B



Antenna C

Antenna D







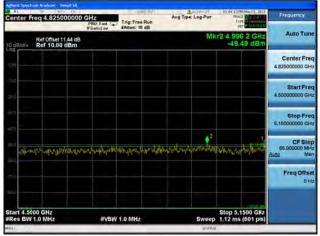
Antenna A Antenna B





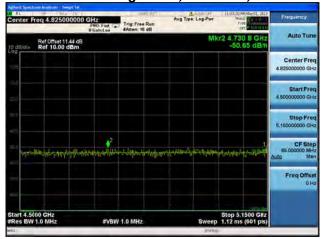


Antenna B

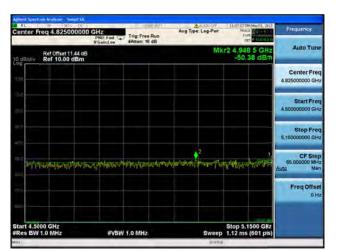


Antenna C









Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1





Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1





Antenna A Antenna B



Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2





Antenna A Antenna B

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Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1





Antenna B



Antenna C



Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2



Antenna A



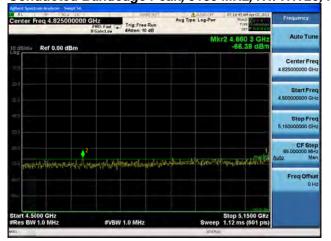
Antenna C

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Antenna B



Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3





Antenna A



Antenna C

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Antenna B



Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1







Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2



| Proc. Fast | Proc. Pro



Antenna B



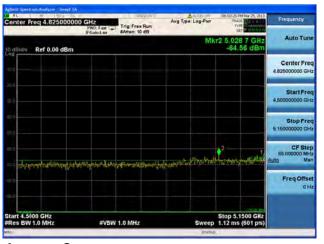
Antenna C

Antenna D



Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3





Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5180 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna A Antenna B

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Conducted Bandedge Peak, 5180 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna A Antenna B



Conducted Bandedge Peak, 5180 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1









Antenna C



Conducted Bandedge Peak, 5180 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna B



Antenna C

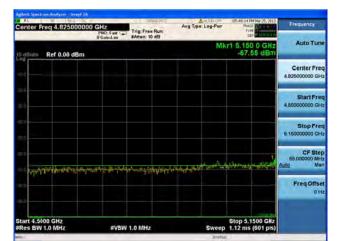


Conducted Bandedge Peak, 5180 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3



| Center Freq 4.82500000 GHz | Problem | Probl

Antenna A



Antenna C

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Antenna B



Conducted Bandedge Peak, 5180 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1







Antenna B



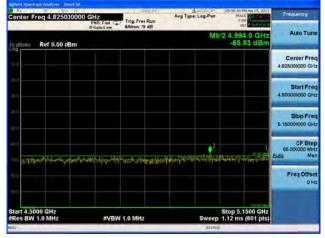
Antenna C

Antenna D



Conducted Bandedge Peak, 5180 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2







Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5180 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3



| Center Freq 4.82500000 GHz | Proc. fact |



Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5180 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1

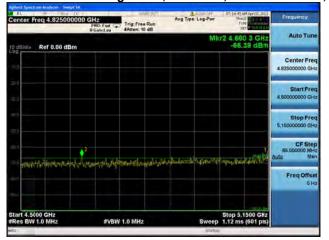




Antenna A Antenna B



Conducted Bandedge Peak, 5180 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1





Antenna A



Antenna C

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Antenna B



Conducted Bandedge Peak, 5180 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1



Center Freq 4.825010000 GHz Fig. 1 and 1 and 2 and 3 and 3



Antenna B



Antenna C

Antenna D











Antenna B







Antenna A



Antenna C

Antenna B







Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1



Antenna A

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Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1





Antenna A Antenna B



Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2





Antenna A Antenna B



Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1





Antenna B



Antenna C



Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2





Antenna B



Antenna C

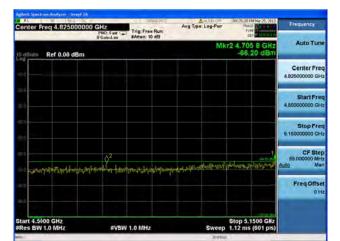


Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3





Antenna A



Antenna C

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Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1



Antenna A



Antenna C



Antenna B



Antenna D



Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2



Center Freq 4.82500000 GHz Start Freq 4.5000000 GHz Start 4.5000 GHz Start 8.5000 GHz Start 8.500 GHz



Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3



| Center Freq | 1,625000000 GHz | Freq | Fre



Antenna B

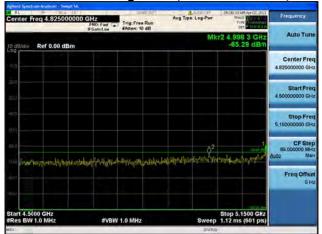


Antenna C

Antenna D



Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna A Antenna B

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Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna B



Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna A



Antenna C

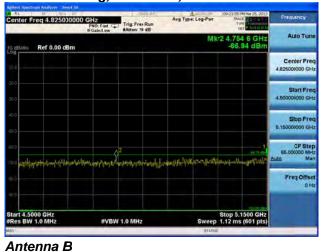
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Antenna B



Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2







Antenna C

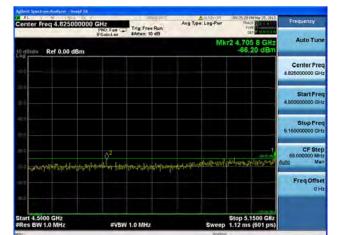


Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3





Antenna A



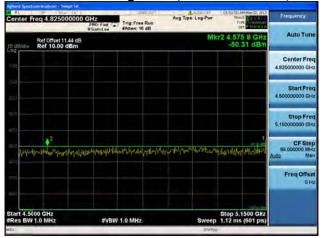
Antenna C

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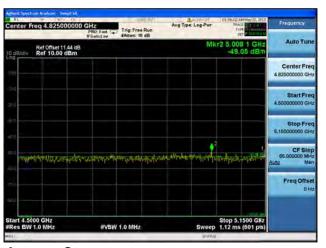
Antenna B



Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1







Antenna B



Antenna C

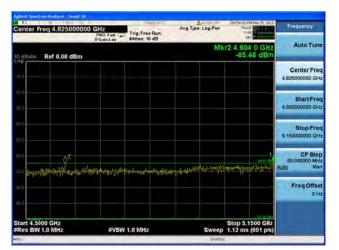
Antenna D



Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2







Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3







Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1





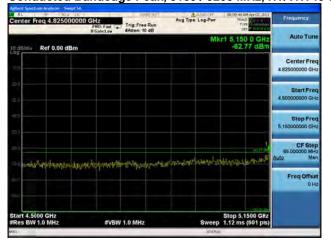
Antenna A

Antenna B

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Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1





Antenna A



Antenna C

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Antenna B



Conducted Bandedge Peak, 5180 / 5200 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1



Center Freq 4.825000000 GHz PEGALIC WAR STORE S



Antenna B



Antenna C

Antenna D





Antenna A

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Antenna A

Antenna B







Antenna A



#VBW 1.0 MHz

Antenna C

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Antenna B









Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1



Antenna A

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Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1





Antenna B



Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2





Antenna B



Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1





Antenna B



Antenna C

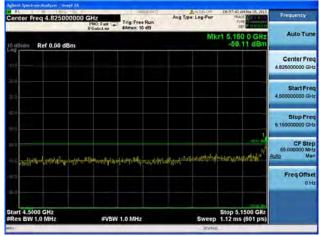


Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2





Antenna B



Antenna C



Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M16 to M23, M0.3 to M9.3



Antenna A



Antenna C

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Antenna B



Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1







Antenna B



Antenna C

Antenna D



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Center Fre

Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2



Antenna A Antenn



Antenna C Antenna D



#VBW 1.0 MHz

#VBW 1.0 MHz



Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80, M16 to M23, M0.3 to M9.3





Antenna C



Antenna B



Antenna D



Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna A Antenna B



Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna A Antenna B



Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna A

Company Services Serv



Antenna C

Antenna B

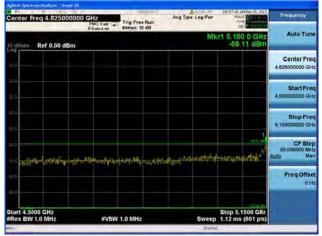


Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna B



Antenna C



Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3









Antenna C



Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1







Antenna B



Antenna C

Antenna D



Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2







Antenna B



Antenna C

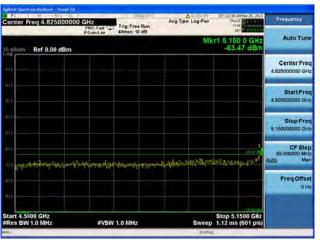
Antenna D



Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3



Antenna A



Antenna C



Antenna B



Antenna D



Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1





Antenna A Antenna B



Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1





Antenna B



Antenna C



Conducted Bandedge Peak, 5180 / 5200 / 5220 / 5240 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1





Antenna B



Antenna C

Antenna D



Maximum Permissible Exposure (MPE) Calculations

15.407: U-NII devices are subject to the radio frequency radiation exposure requirements specified in Sec. 1.1307(b), Sec. 2.1091 and Sec. 2.1093 of this chapter, as appropriate. All equipment shall be considered to operate in a ``general population/uncontrolled" environment. Applications for equipment authorization of devices operating under this section must contain a statement confirming compliance with these requirements for both fundamental emissions and unwanted emissions. Technical information showing the basis for this statement must be submitted to the Commission upon request.

Given

 $E=\sqrt{(30^*P^*G)}/d$ and $S=E^2/3770$

where

E=Field Strength in Volts/meter

P=Power in Watts

G=Numeric Antenna Gain

d=Distance in meters

S=Power Density in mW/cm^2

Combine equations and rearrange the terms to express the distance as a function of the remaining variables:

 $d=\sqrt{((30*P*G)/(3770*S))}$

Changing to units of power in mW and distance in cm, using:

yields

 $d=100*\sqrt{((30*(P/1000)*G)/(3770*S))}$

d=0.282*√(P*G/S)

where

d=Distance in cm

P=Power in mW

G=Numerica Antenna Gain

S=Power Density in mW/cm^2

Substituting the logarithmic form of power and gain using:

 $P(mW)=10^{(P(dBm)/10)}$ $G(numeric)=10^{(G(dBi)/10)}$

yields

 $d=0.282*10^{(P+G)/20)/\sqrt{S}}$ Equation (1)

and

 $s=((0.282*10^{((P+G)/20))/d})^2$ Equation (2)

where

d=MPE distance in cm

P=Power in dBm

G=Antenna Gain in dBi

S=Power Density in mW/cm^2

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Equation (1) and the measured peak power are used to calculate the MPE distance. Note that for mobile or fixed location transmitters such as an access point, the minimum separation distance is 20 cm even if the calculations indicate that the MPE distance may be less.

S=1mW/cm² maximum. Using the peak power levels recorded in the test report along with Equation 1 above, the MPE distances are calculated as follows.

			Peak				
		Power	Transmit	Antenna	MPE		
Frequency	Bit Rate	Density	Power	Gain	Distance	Limit	Margin
(MHz)	(Mbps)	(mW/cm^2)	(dBm)	(dBi)	(cm)	(cm)	(cm)
5220/5240	M0	1	9.7	13	3.85	20	16.15

MPE Calculations

To maintain compliance, installations will assure a separation distance of at least 20cm.

Using Equation 2, the MPE levels (s) at 20 cm are calculated as follows:

			Peak				
		MPE	Transmit	Antenna	Power		
Frequency	Bit Rate	Distance	Power	Gain	Density	Limit	Margin
(MHz)	(Mbps)	(cm)	(dBm)	(dBi)	(mW/cm^2)	(mW/cm^2)	(mW/cm^2)
5220/5240	M0	20	9.7	13	0.04	1	0.96

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Appendix C: Test Equipment/Software Used to perform the test

Equip #	Manufacturer	Model	Description	Last Cal	Next Due
CIS049381	Agilent	N9030A	Spectrum Analyzer	28-Aug-12	28-Aug-13

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