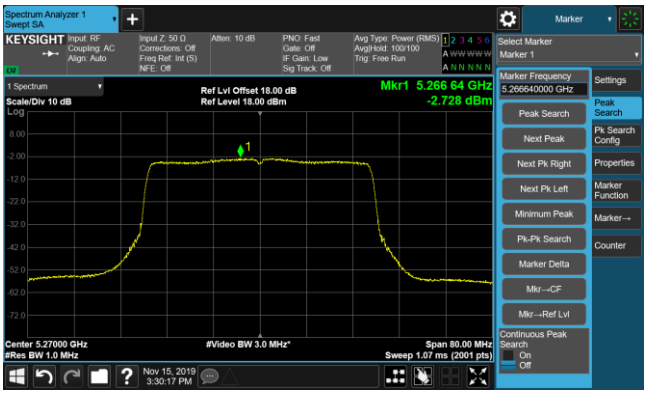
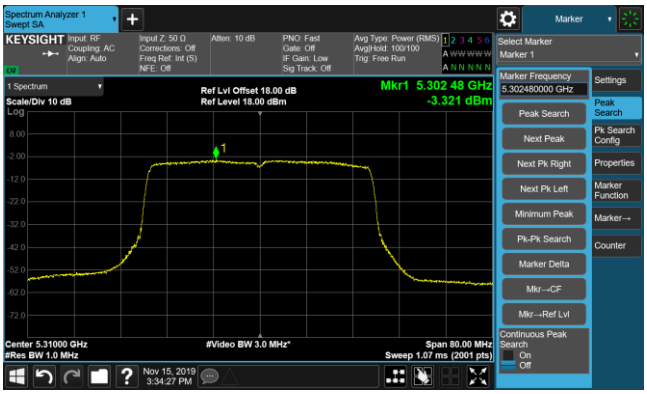
802.11ax-HE40 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2 + 3

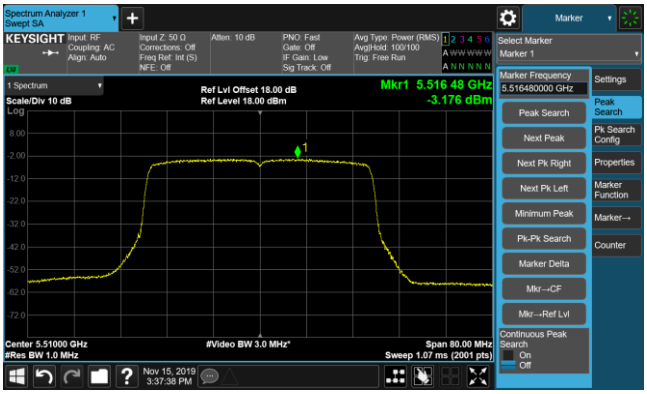
Channel 54 (5270MHz)



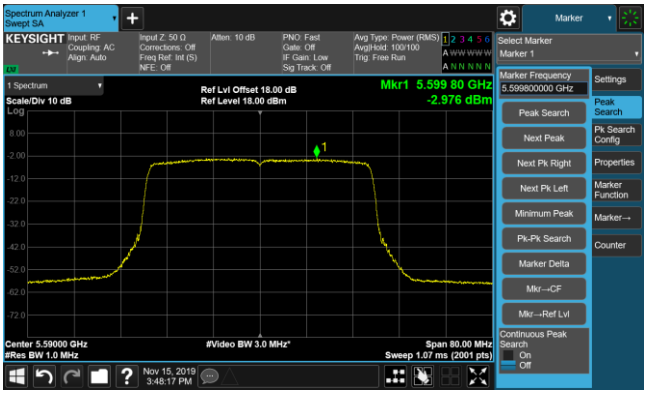
Channel 62 (5310MHz)



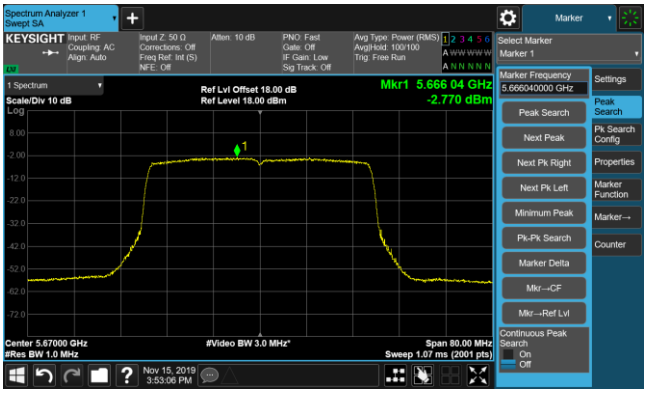
Channel 102 (5510MHz)



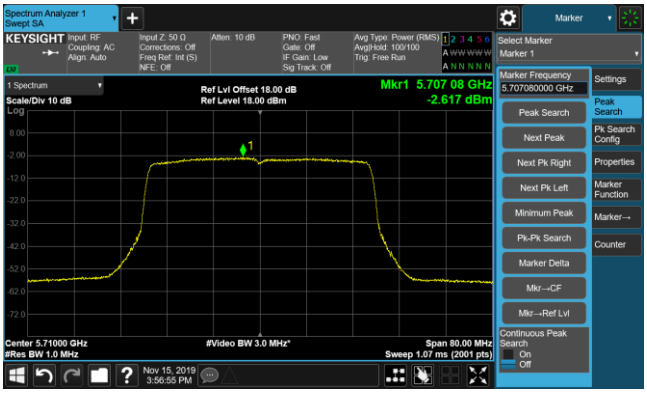
Channel 118 (5590MHz)

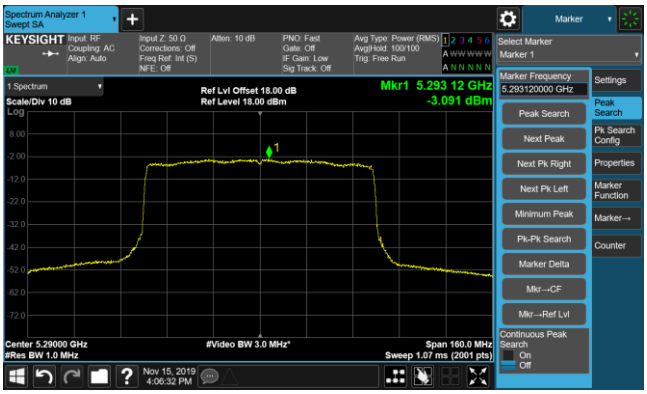
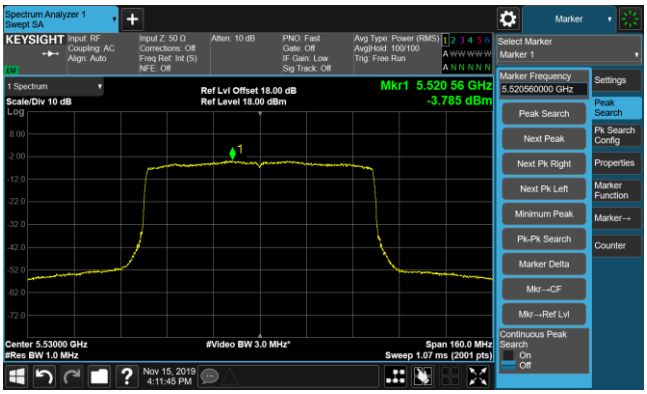
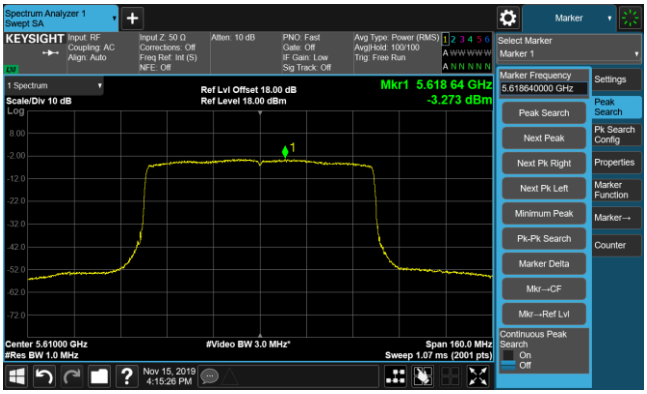
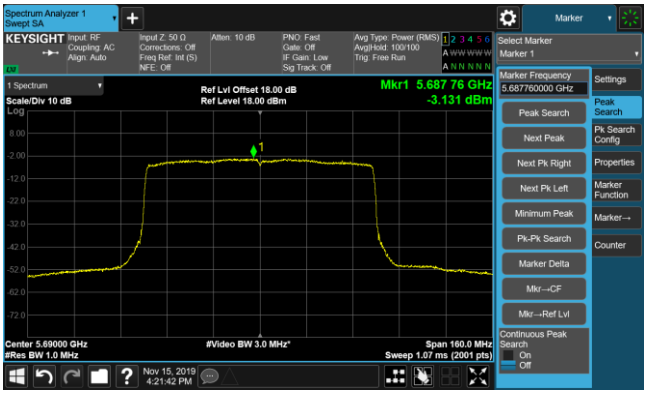


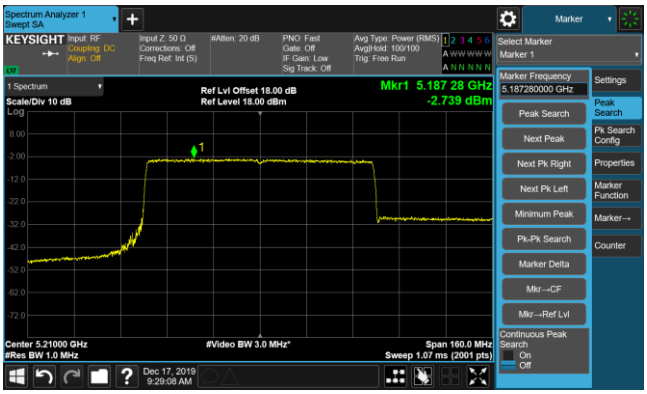
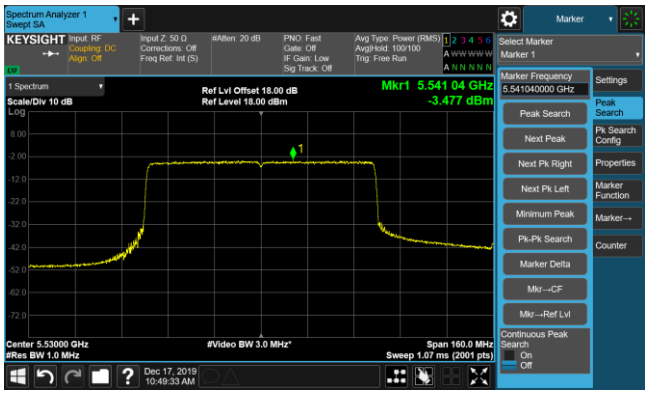
Channel 134 (5670MHz)



Channel 142 (5710MHz)

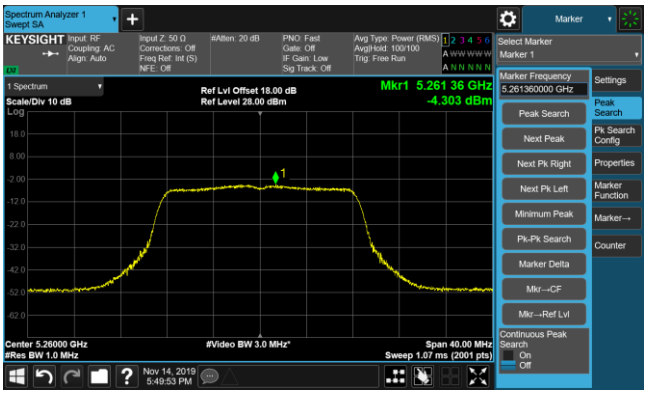


802.11ax-HE80 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2 + 3	
Channel 58 (5290MHz)	Channel 106 (5530MHz)
	
Channel 122 (5610MHz)	Channel 138 (5690MHz)
	

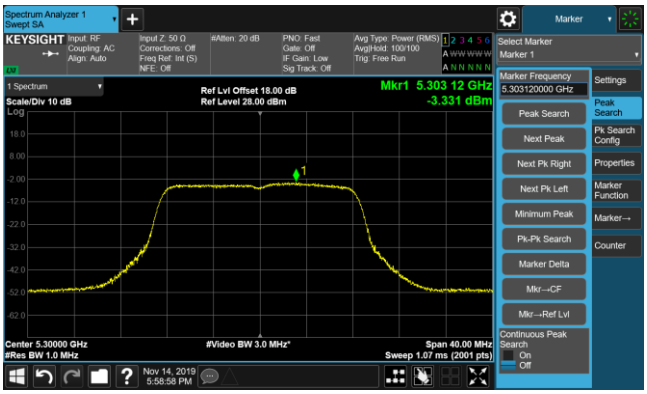
802.11ax-HE80 + 80 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2 + 3	
Channel 42 (5210MHz)	Channel 106 (5530MHz)
	

802.11a Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3

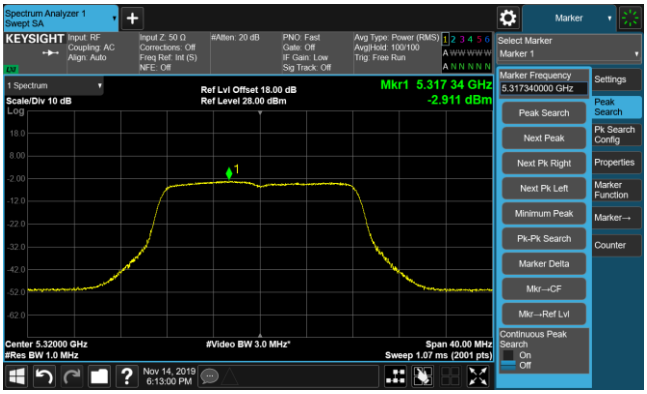
Channel 52 (5260MHz)



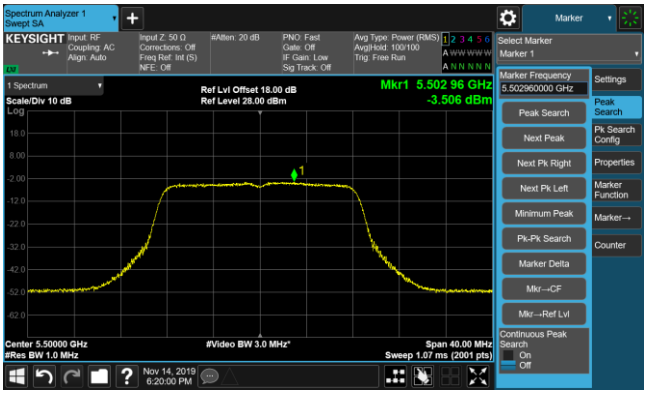
Channel 60 (5300MHz)



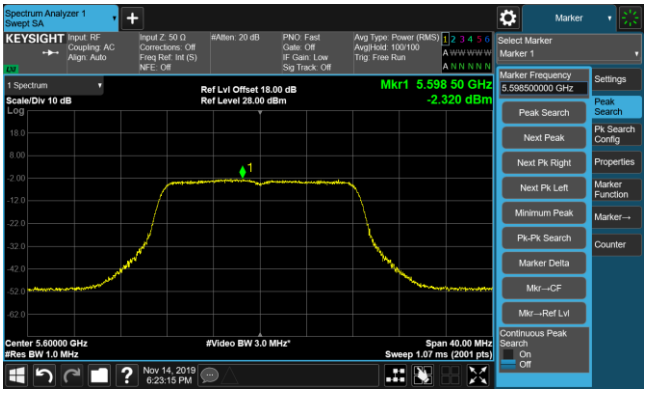
Channel 64 (5320MHz)



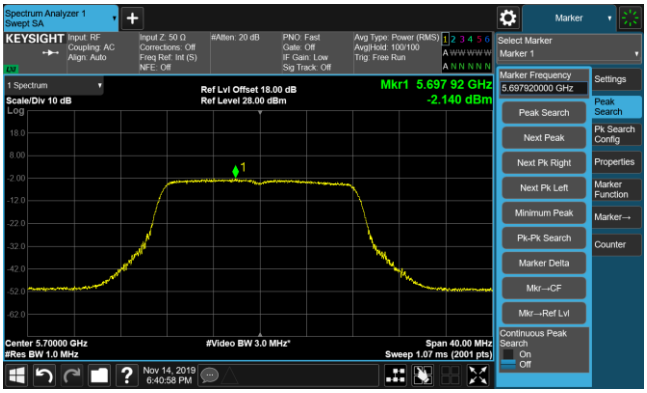
Channel 100 (5500MHz)



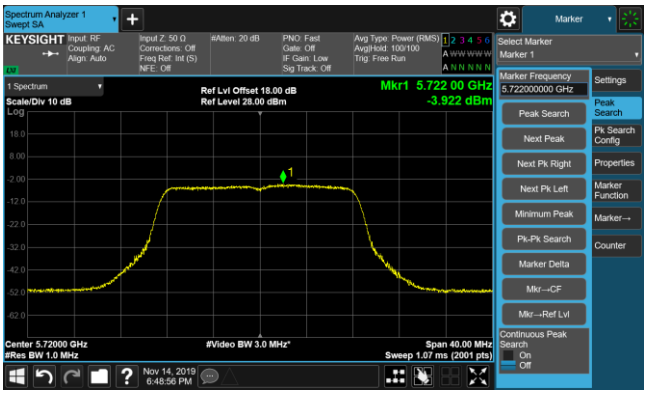
Channel 120 (5600MHz)



Channel 140 (5700MHz)

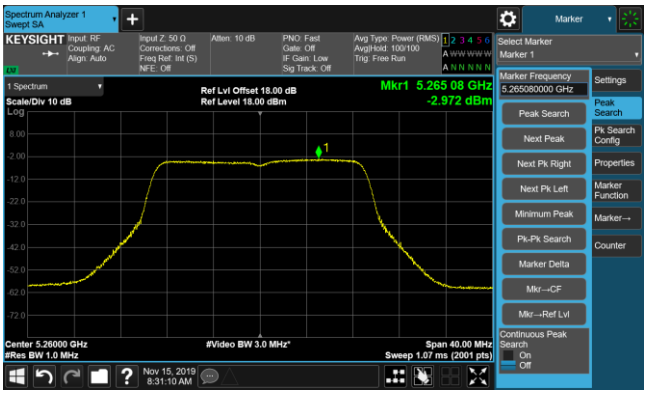


Channel 144 (5720MHz)

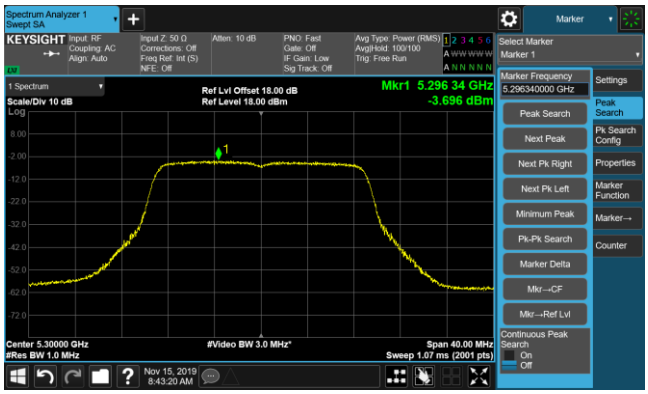

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: AC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Off
#Atten: 20 dB
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 100/100
Trig: Free Run
Marker
Select Marker
Marker 1
1 Spectrum
Scale/Div 10 dB
Ref Lvl Offset 18.00 dB
Ref Level 28.00 dBm
Mkr1 5.722 00 GHz
-3.922 dBm
Marker Frequency
5.722000000 GHz
Settings
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Minimum Peak
Pk-Pk Search
Marker Delta
Mkr→CF
Mkr→Ref Lvl
Peak Search
Pk Search Config
Properties
Marker Function
Marker→
Counter
Continuous Peak Search
On
Off
Center 5.72000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Span 40.00 MHz
Sweep 1.07 ms (2001 pts)
Nov 14, 2019
6:48:56 PM

802.11n-HT20 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3

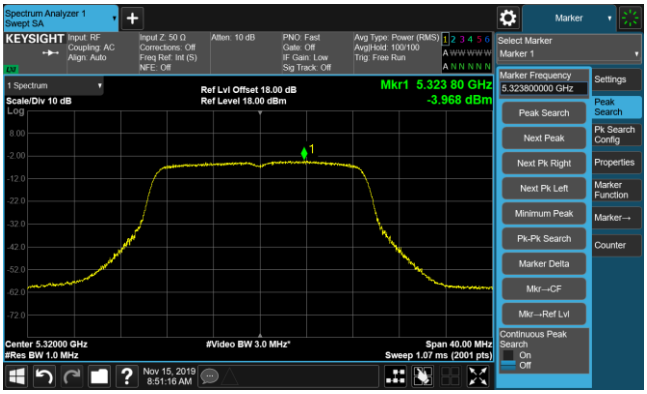
Channel 52 (5260MHz)



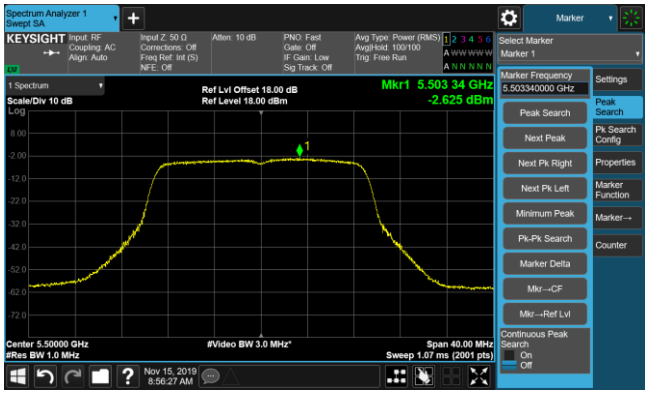
Channel 60 (5300MHz)



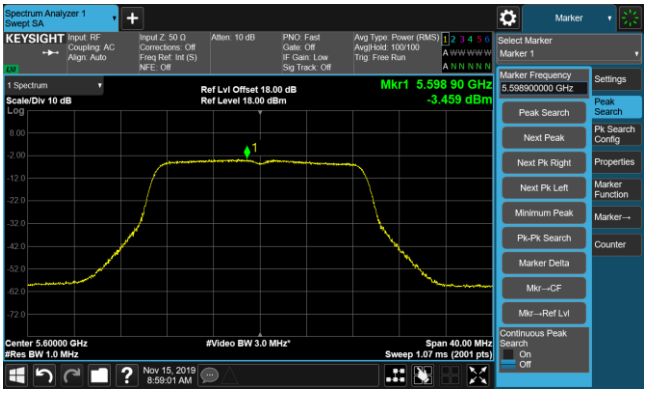
Channel 64 (5320MHz)



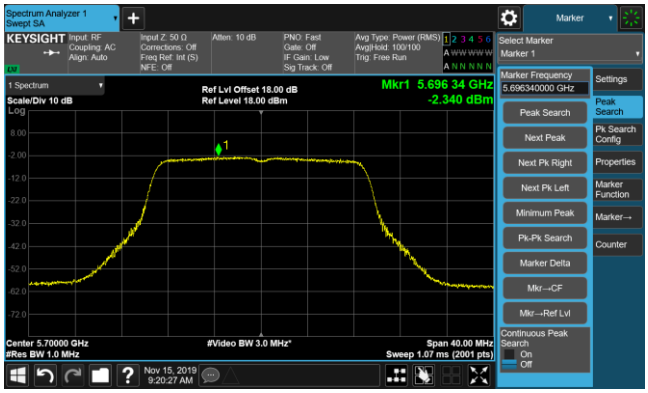
Channel 100 (5500MHz)



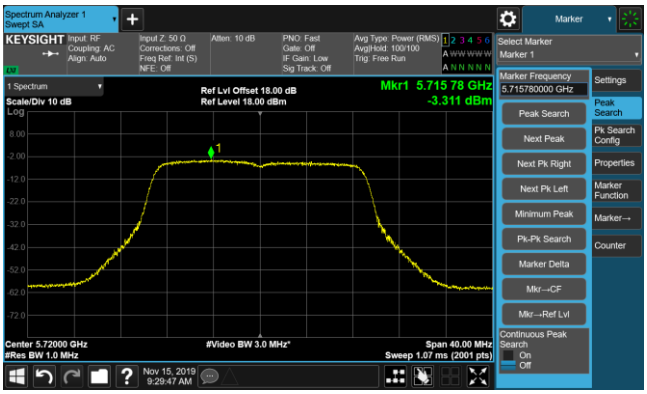
Channel 120 (5600MHz)



Channel 140 (5700MHz)

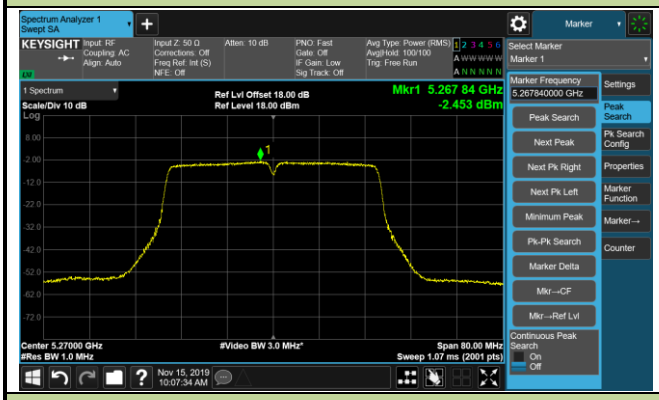


Channel 144 (5720MHz)

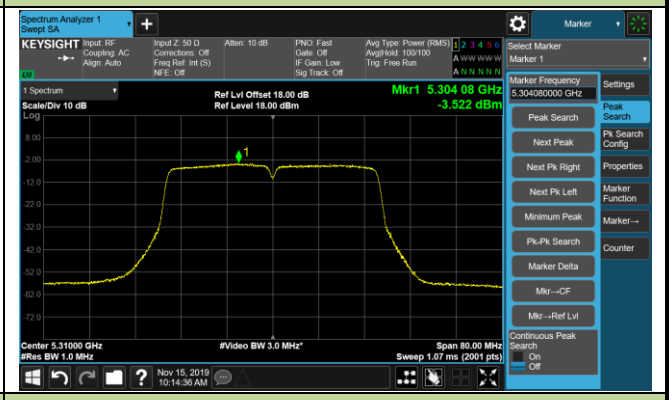

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: AC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Off
Atten: 10 dB
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 100/100
Trig: Free Run
Marker
Select Marker
Marker 1
1 Spectrum
Scale/Div 10 dB
Ref Lvl Offset 18.00 dB
Ref Level 18.00 dBm
Mkr1 5.715 78 GHz
-3.311 dBm
Marker Frequency
5.715780000 GHz
Settings
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Minimum Peak
Pk-Pk Search
Marker Delta
Mkr→CF
Mkr→Ref Lvl
Peak Search
Pk Search Config
Properties
Marker Function
Marker→
Counter
Continuous Peak Search
On
Off
Center 5.72000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Span 40.00 MHz
Sweep 1.07 ms (2001 pts)
Nov 15, 2019
9:29:47 AM

802.11n-HT40 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3

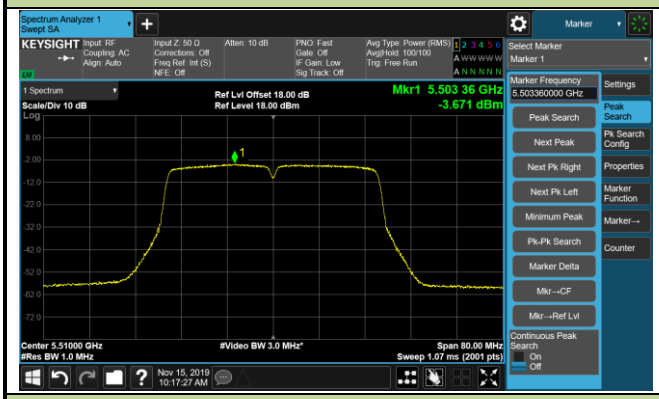
Channel 54 (5270MHz)



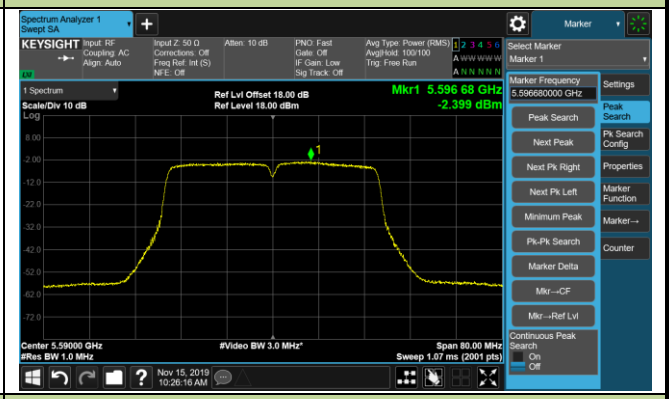
Channel 62 (5310MHz)



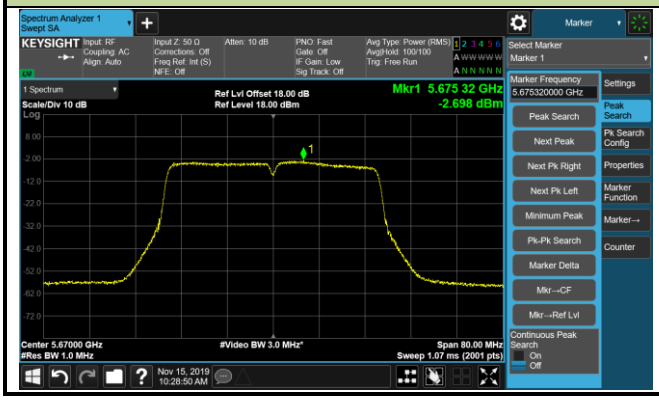
Channel 102 (5510MHz)



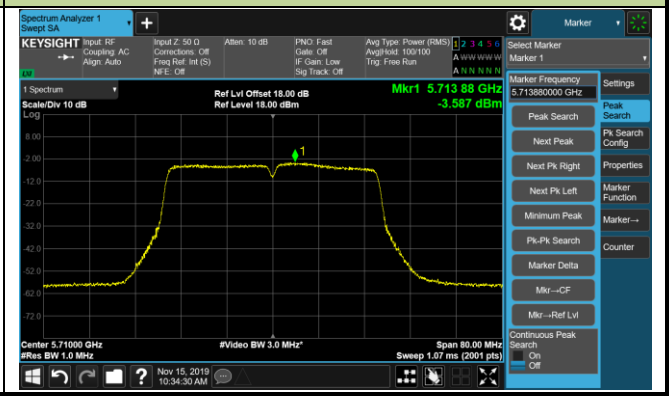
Channel 118 (5590MHz)



Channel 134 (5670MHz)

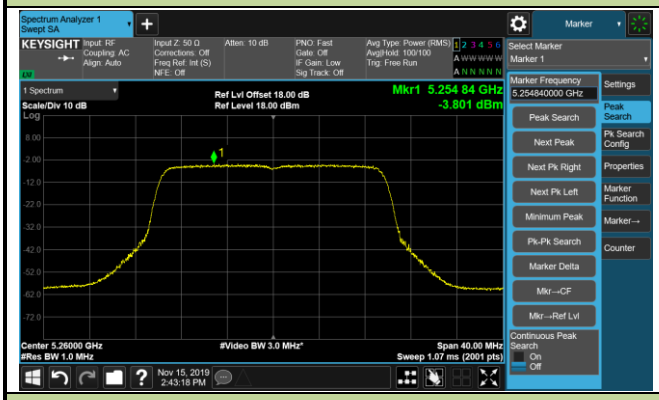


Channel 142 (5710MHz)

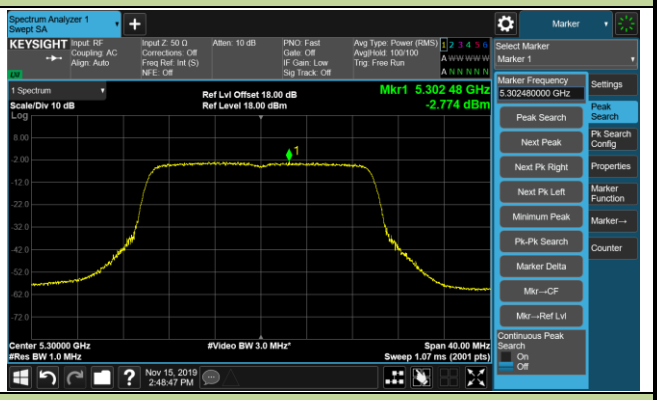


802.11ax-HE20 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3

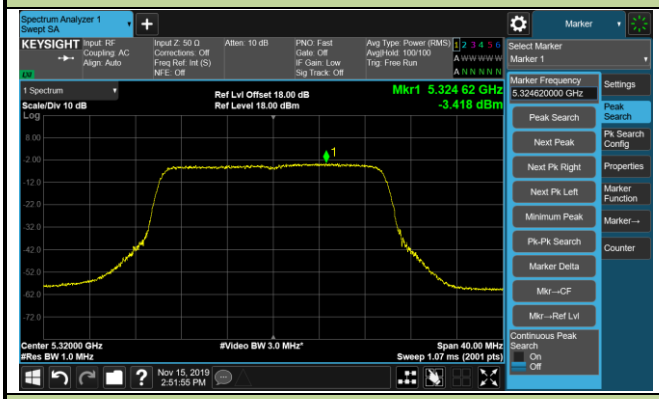
Channel 52 (5260MHz)



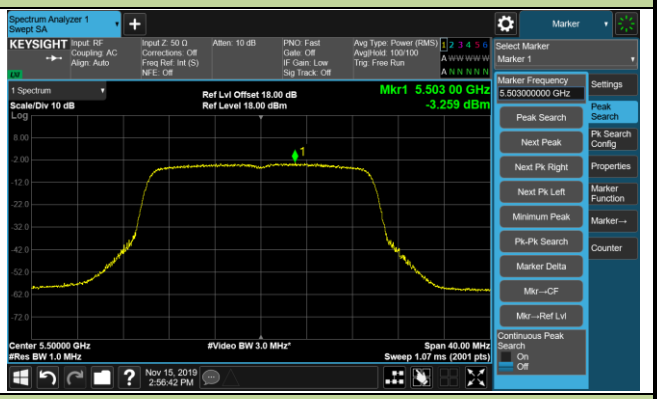
Channel 60 (5300MHz)



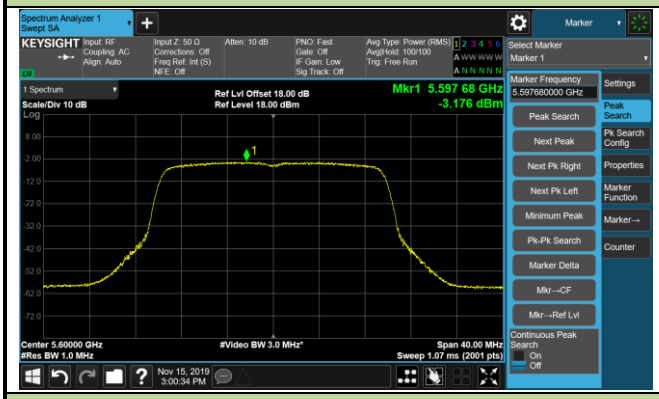
Channel 64 (5320MHz)



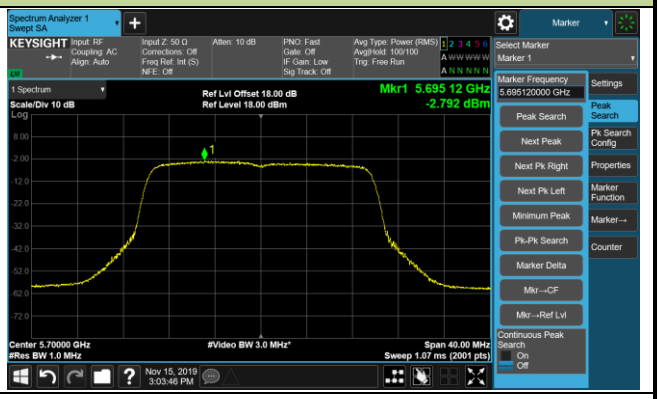
Channel 100 (5500MHz)



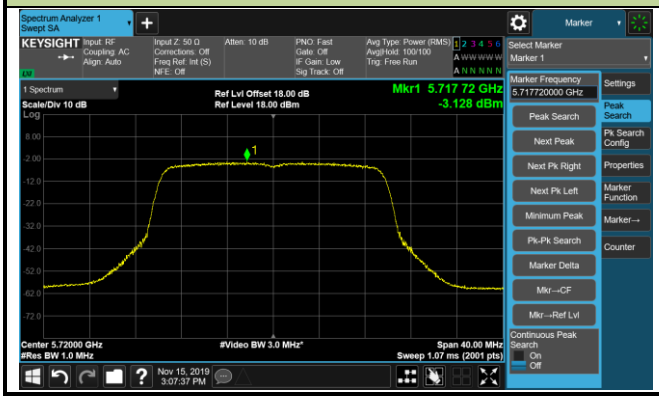
Channel 120 (5600MHz)



Channel 140 (5700MHz)

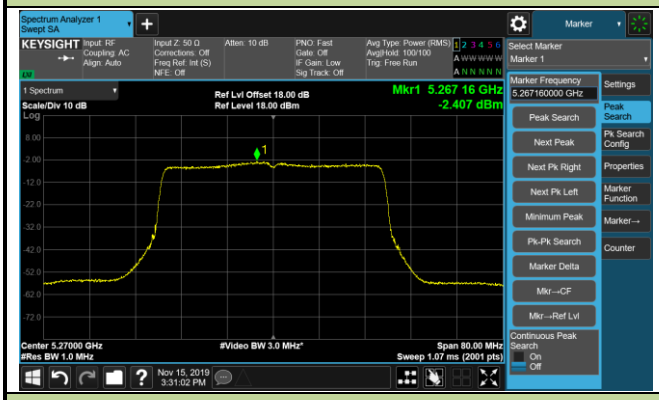


Channel 144 (5720MHz)

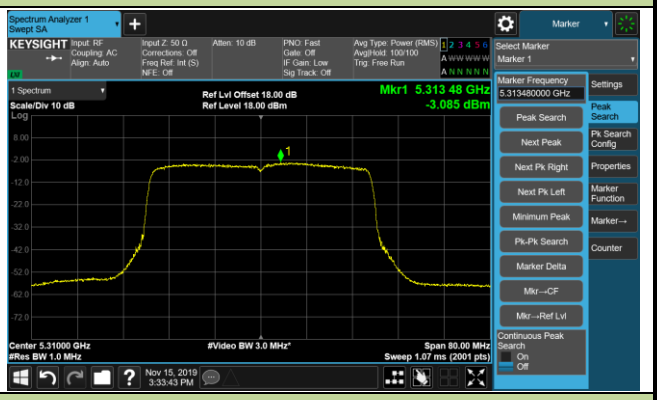


802.11ax-HE40 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3

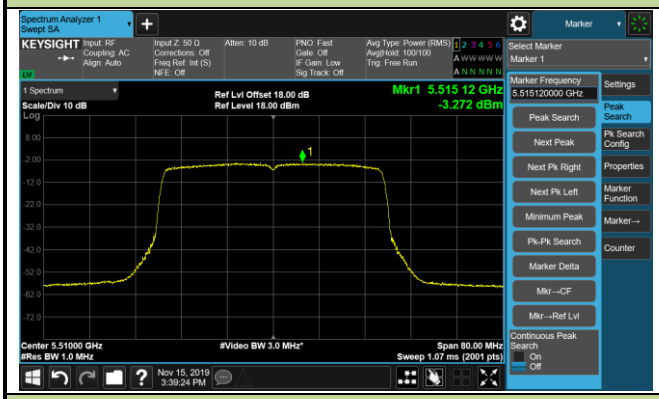
Channel 54 (5270MHz)



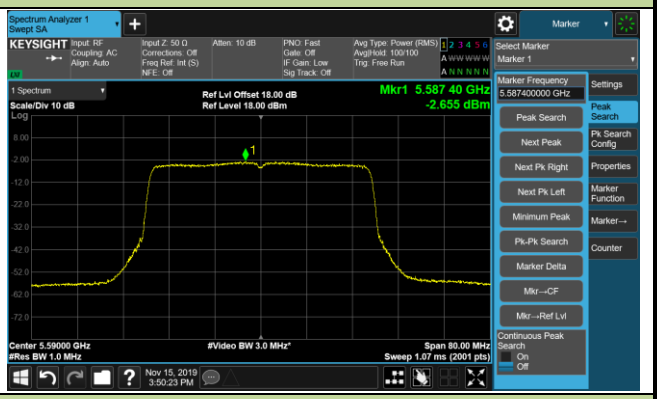
Channel 62 (5310MHz)



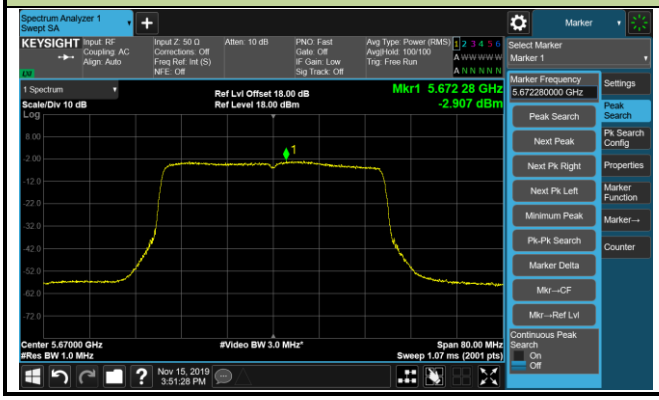
Channel 102 (5510MHz)



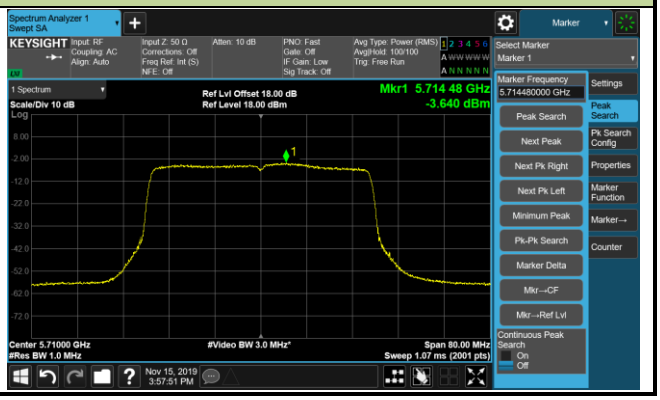
Channel 118 (5590MHz)



Channel 134 (5670MHz)

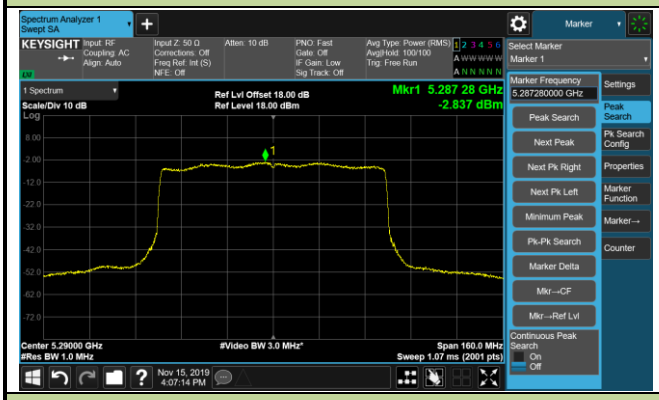


Channel 142 (5710MHz)

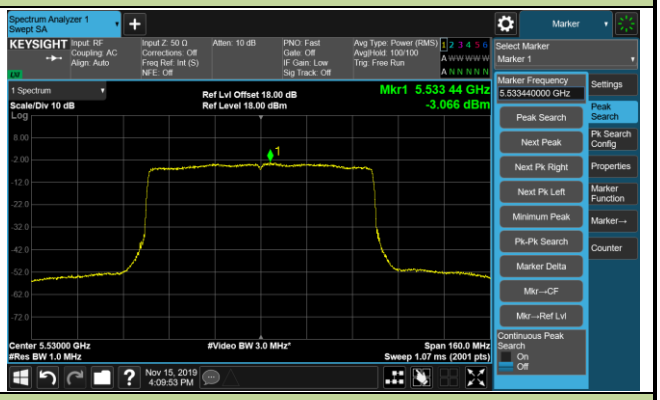


802.11ax-HE80 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3

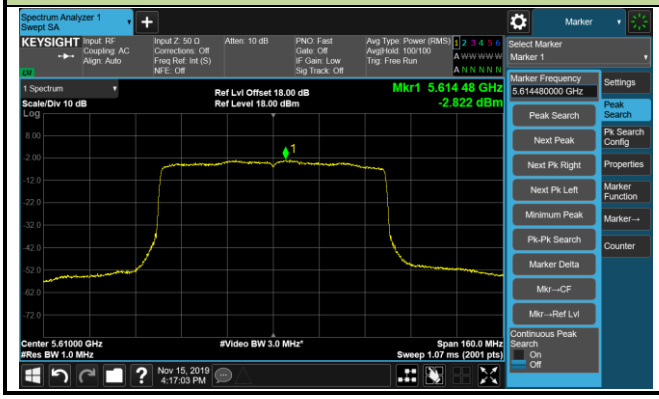
Channel 58 (5290MHz)



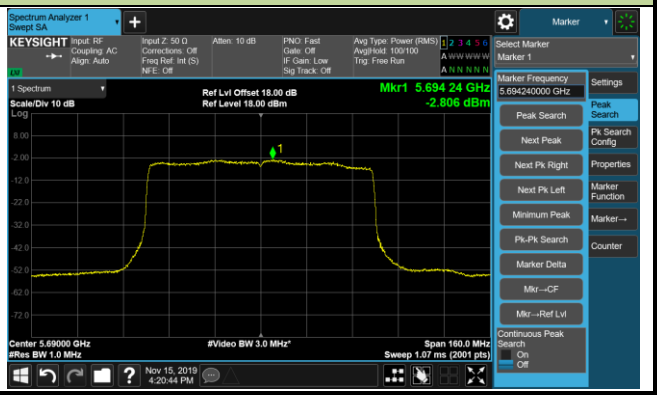
Channel 106 (5530MHz)

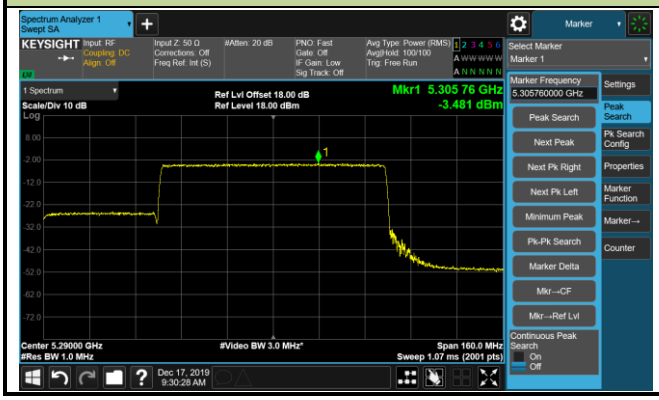
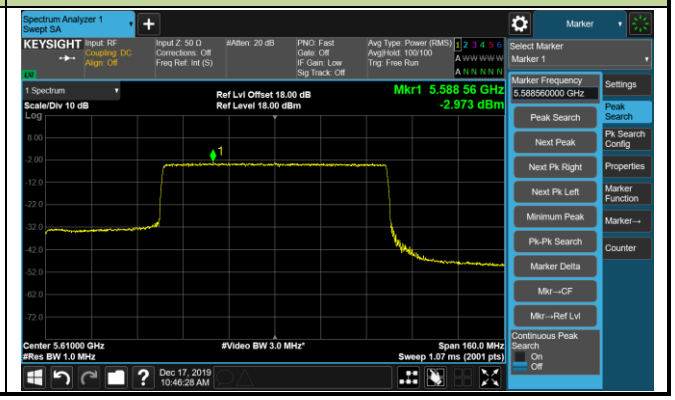


Channel 122 (5610MHz)



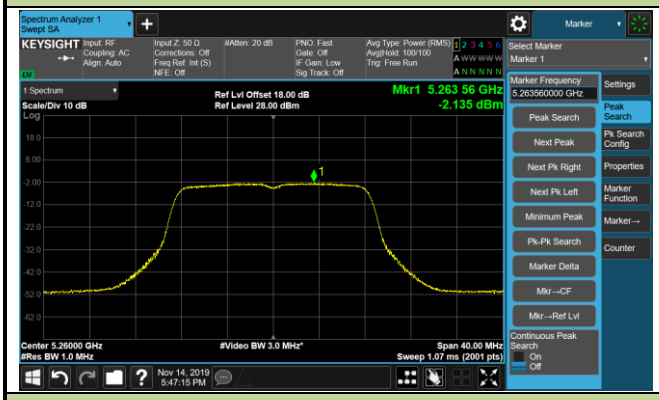
Channel 138 (5690MHz)



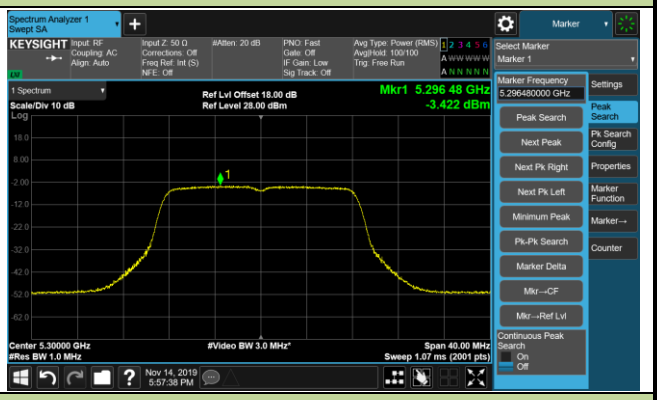
802.11ax-HE80+80 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3	
Channel 58 (5290MHz)	Channel 122 (5610MHz)
	

802.11a Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

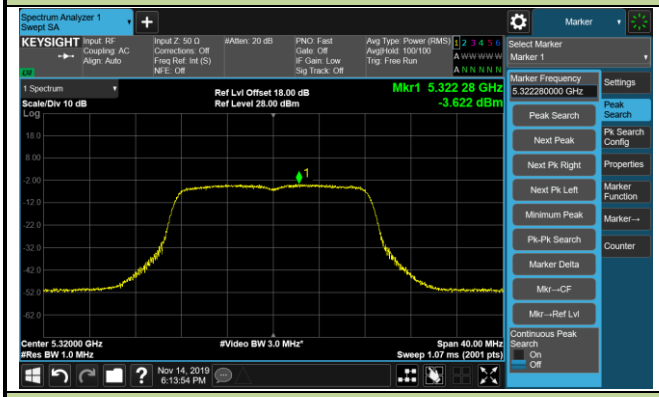
Channel 52 (5260MHz)



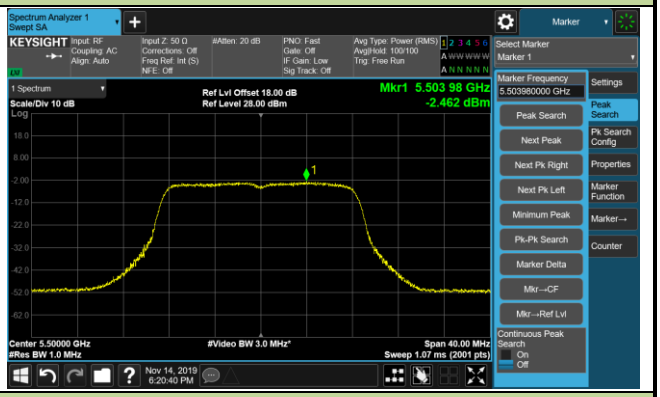
Channel 60 (5300MHz)



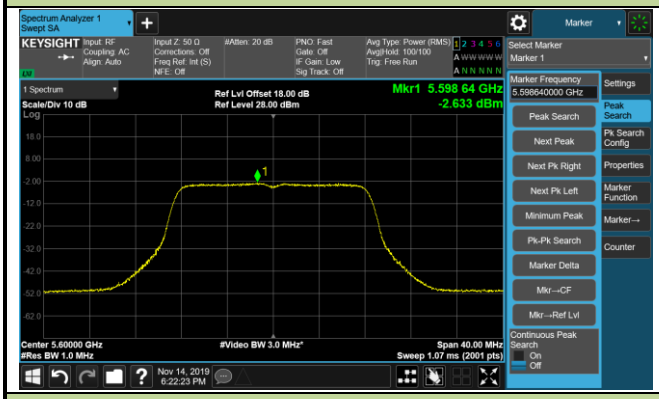
Channel 64 (5320MHz)



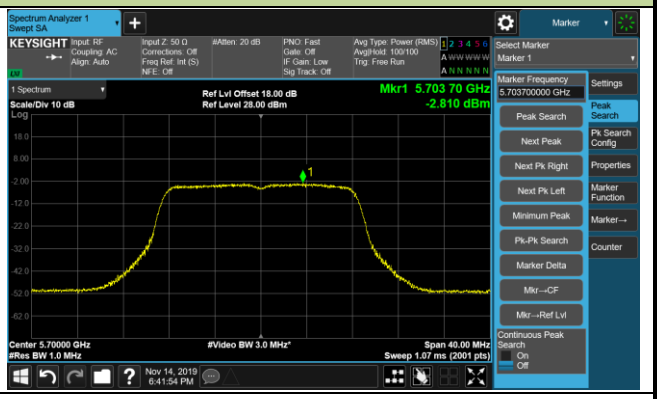
Channel 100 (5500MHz)



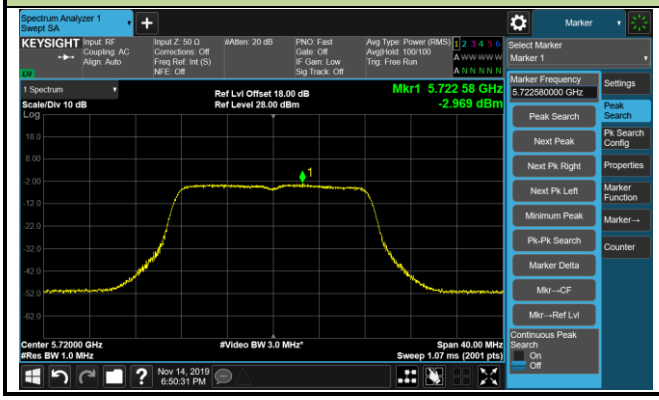
Channel 120 (5600MHz)



Channel 140 (5700MHz)

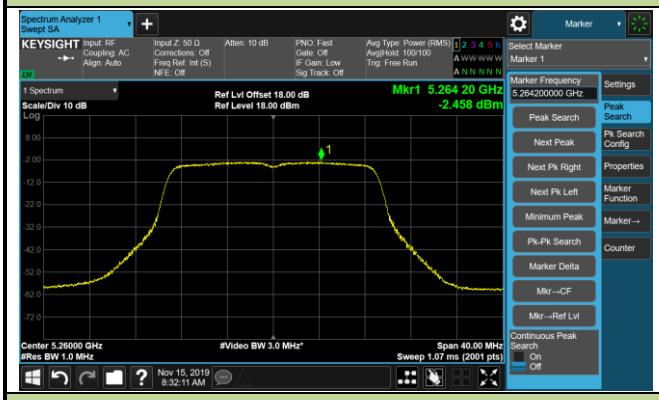


Channel 144 (5720MHz)

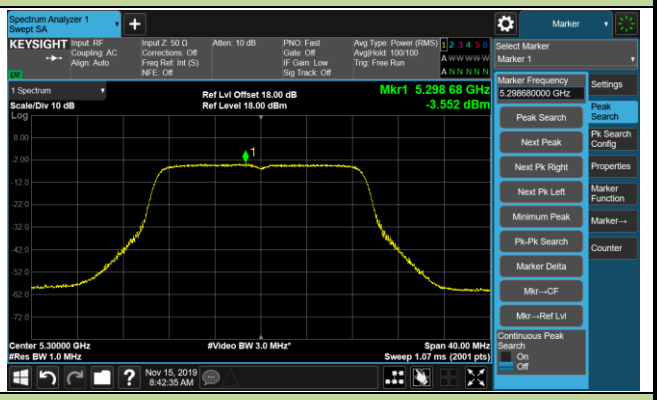


802.11n-HT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

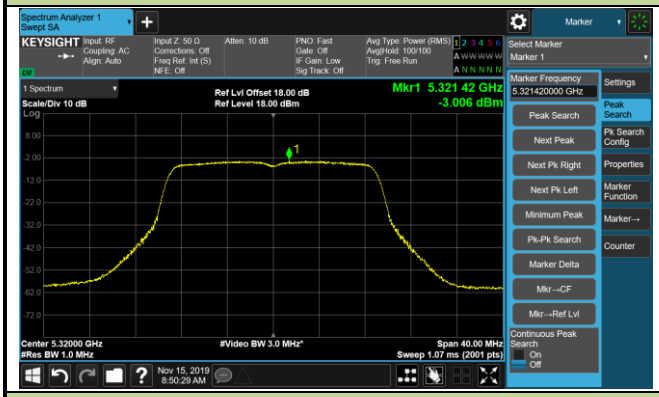
Channel 52 (5260MHz)



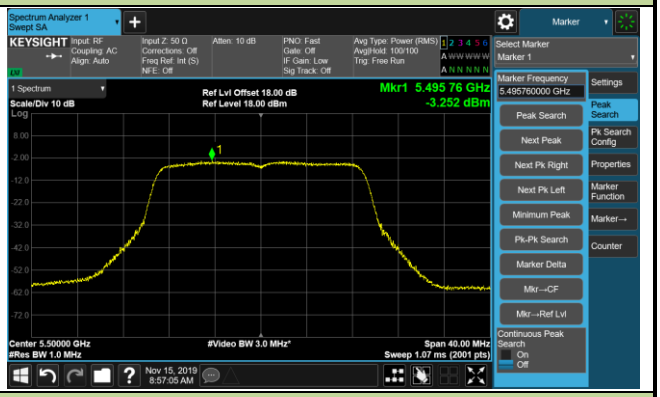
Channel 60 (5300MHz)



Channel 64 (5320MHz)

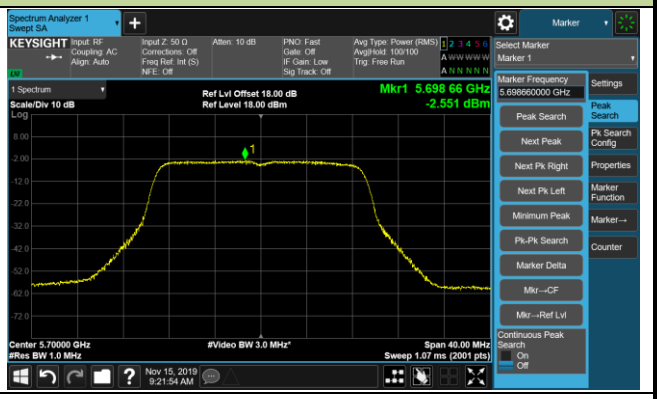


Channel 100 (5500MHz)

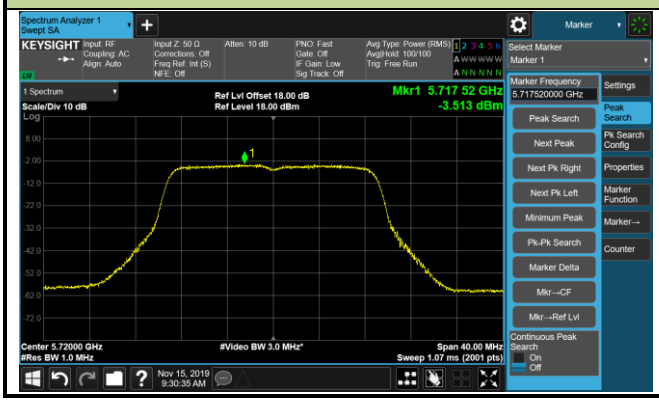


Channel 120 (5600MHz)

Channel 140 (5700MHz)

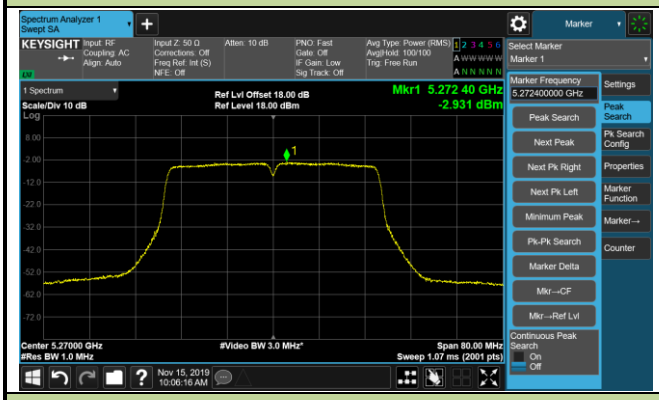


Channel 144 (5720MHz)

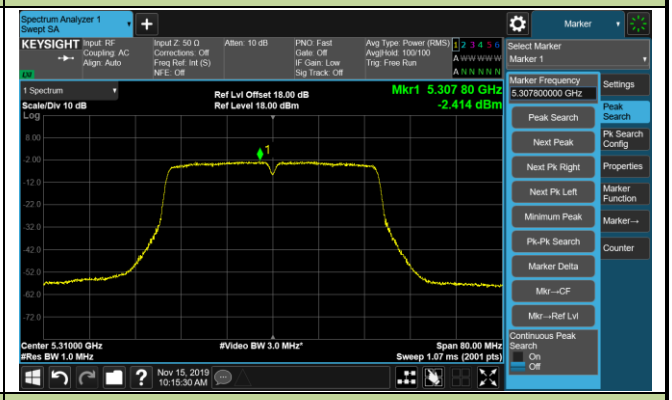


802.11n-HT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

Channel 54 (5270MHz)

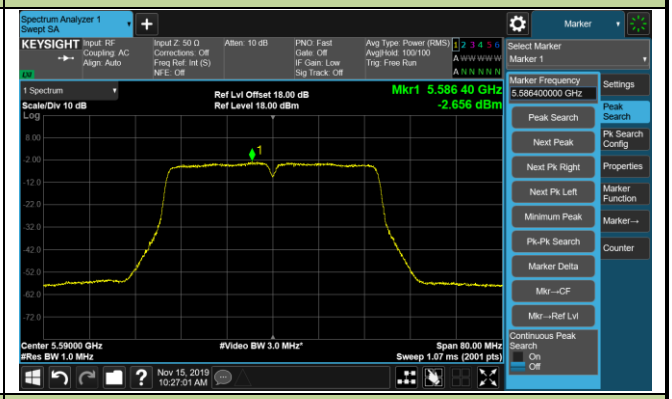


Channel 62 (5310MHz)

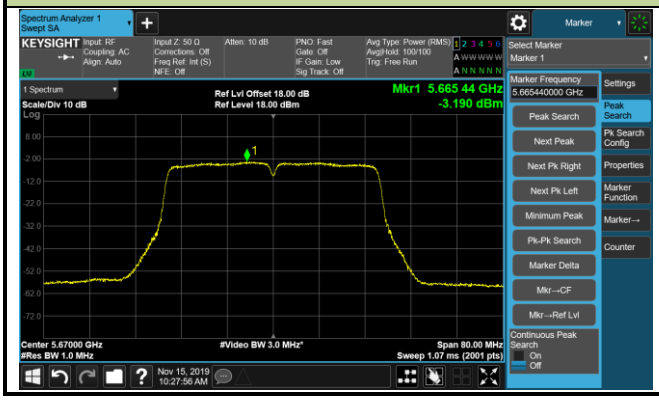


Channel 102 (5510MHz)

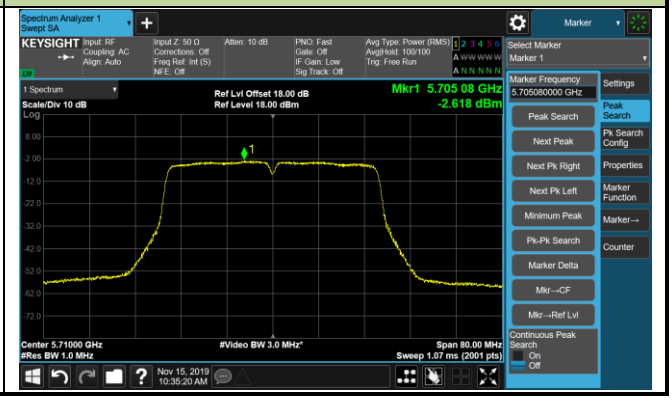
Channel 118 (5590MHz)



Channel 134 (5670MHz)

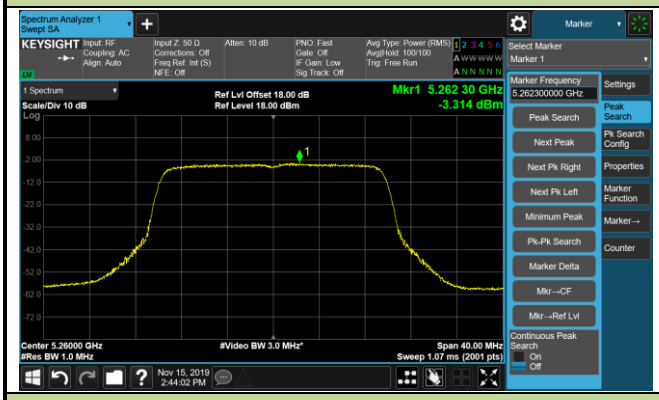


Channel 142 (5710MHz)

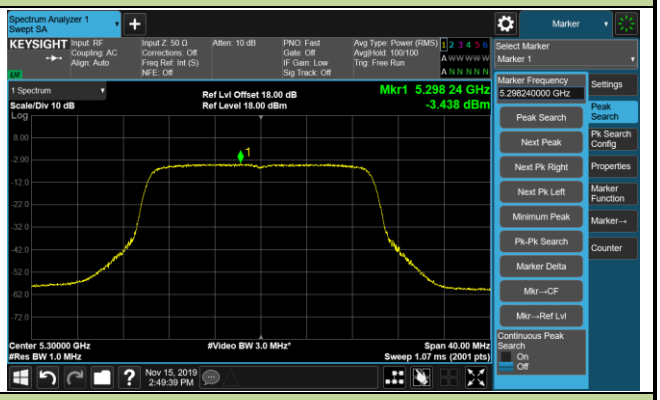


802.11ax-HE20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

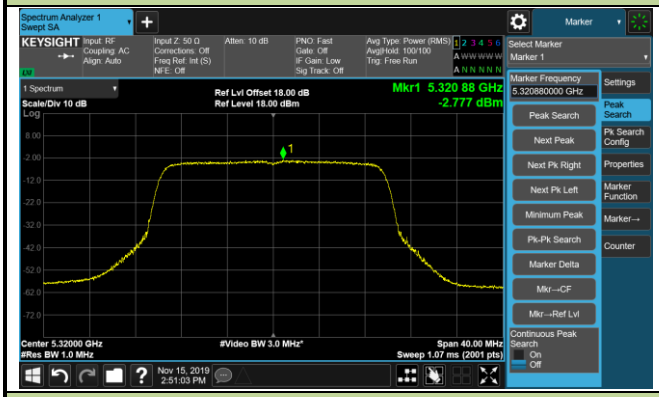
Channel 52 (5260MHz)



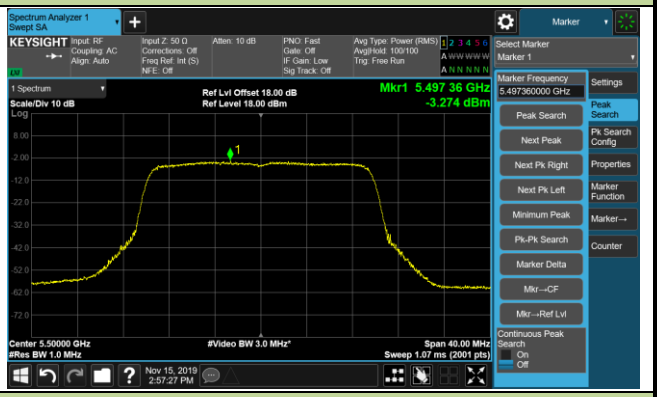
Channel 60 (5300MHz)



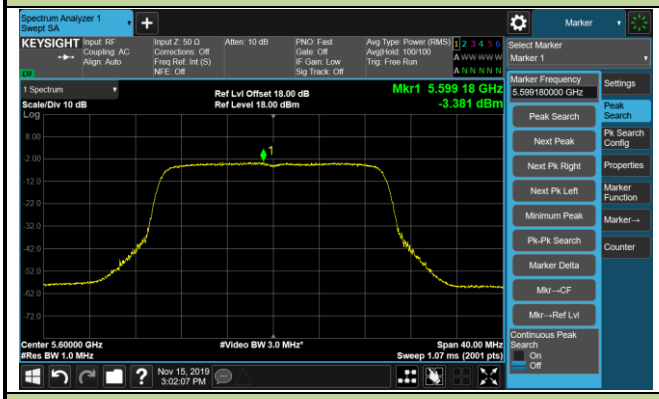
Channel 64 (5320MHz)



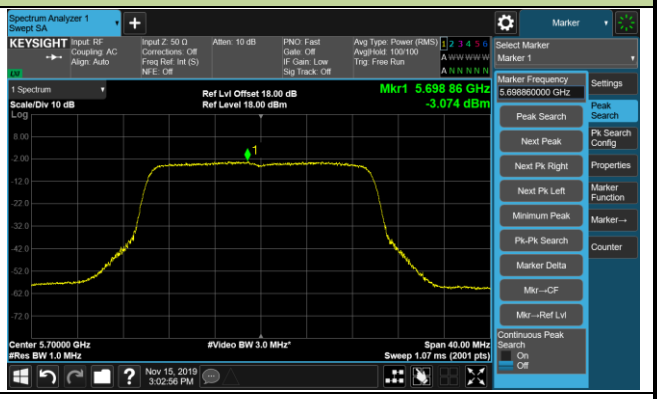
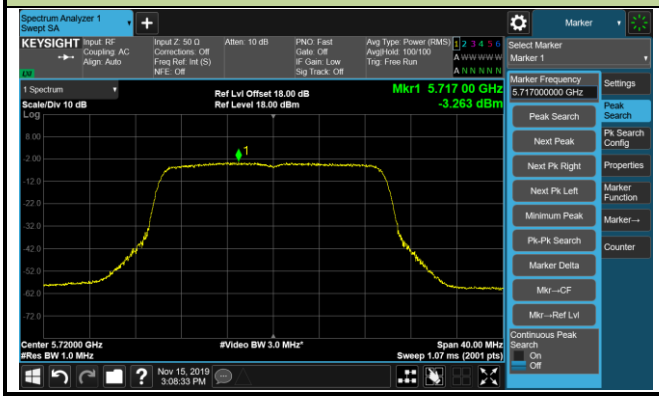
Channel 100 (5500MHz)



Channel 120 (5600MHz)



Channel 140 (5700MHz)



Channel 144 (5720MHz)