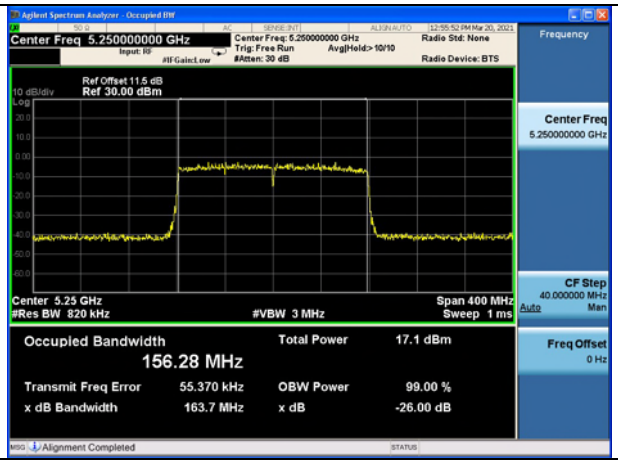
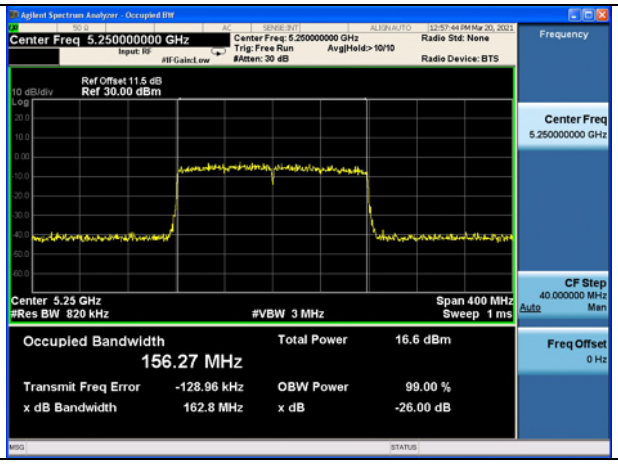
Test Mode:802.11ax HE160(1992)

Carrier frequency (MHz)	Ant	26dB Bandwidth (MHz)
5250	Ant7	163.7
	Ant8	162.8

Test Mode:802. 11ax HE160 Ant7	Test Mode:802. 11ax HE160 Ant8
	

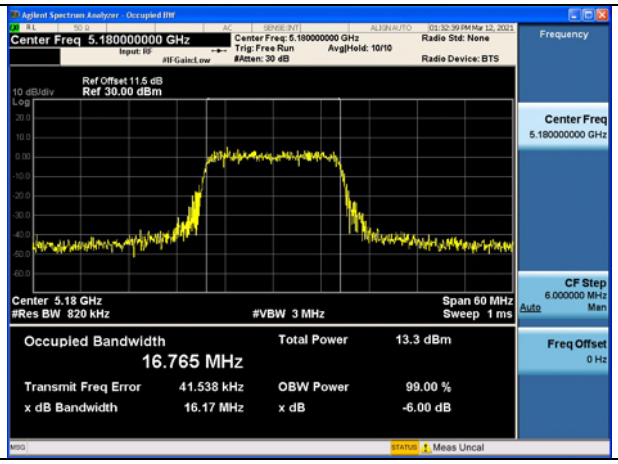
Occupied Bandwidth

Offset 11.5dB = Attenuator 10dB+ Temporary antenna connector loss 0.5dB+ Cable loss 1dB

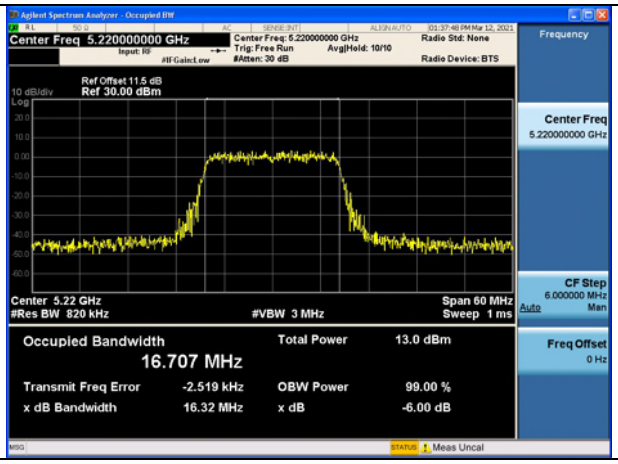
Test Mode:802.11a

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5180	Ant7	16.765
	Ant8	16.794
5220	Ant7	16.707
	Ant8	16.785
5240	Ant7	16.771
	Ant8	16.661

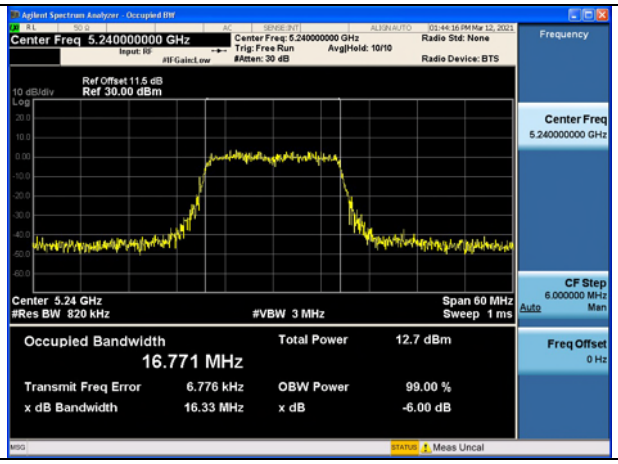
Test Mode:802.11a Ant7



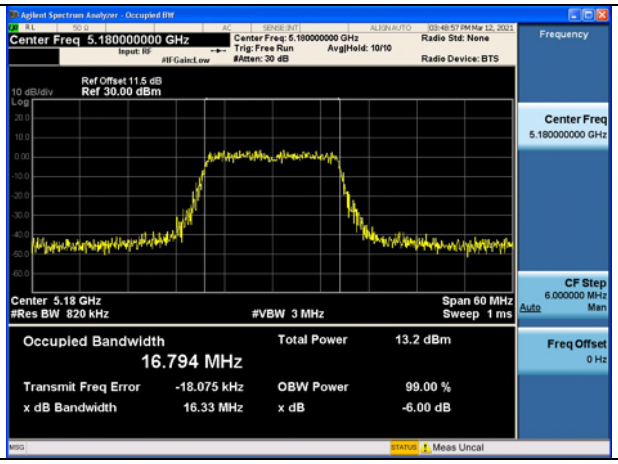
Test Mode:802.11a Ant7



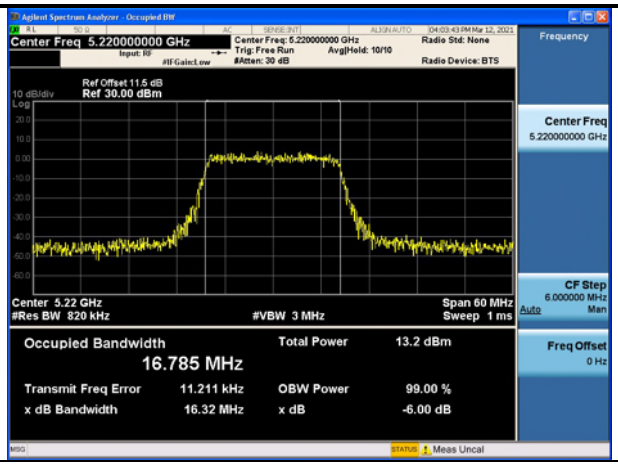
Test Mode:802.11a Ant7

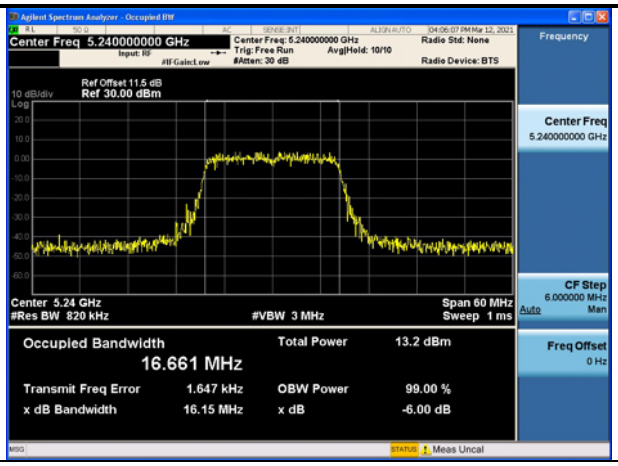


Test Mode:802.11a Ant8



Test Mode:802.11a Ant8

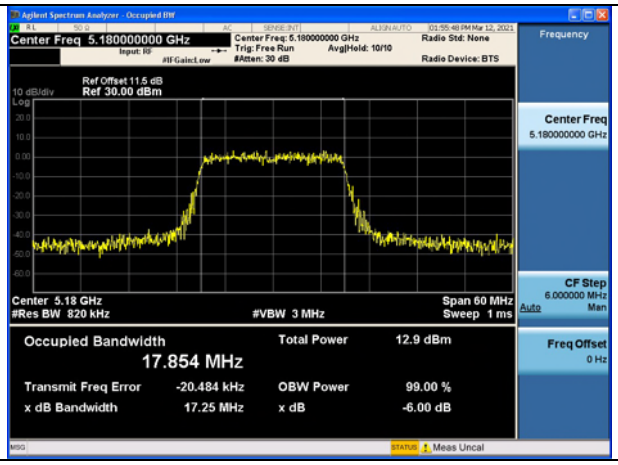

Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.220000000 GHz
Center Freq: 5.220000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.220000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.22 GHz
#Res BW 820 kHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Occupied Bandwidth
16.785 MHz
Total Power 13.2 dBm
Transmit Freq Error 11.211 kHz
OBW Power 99.00 %
x dB Bandwidth 16.32 MHz
x dB -6.00 dB
Freq Offset
0 Hz
Meas Uncal


Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.240000000 GHz
Center Freq: 5.240000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.240000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.24 GHz
#Res BW 820 kHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Occupied Bandwidth
16.661 MHz
Total Power 13.2 dBm
Transmit Freq Error 1.647 kHz
OBW Power 99.00 %
x dB Bandwidth 16.15 MHz
x dB -6.00 dB
Freq Offset
0 Hz
Meas Uncal

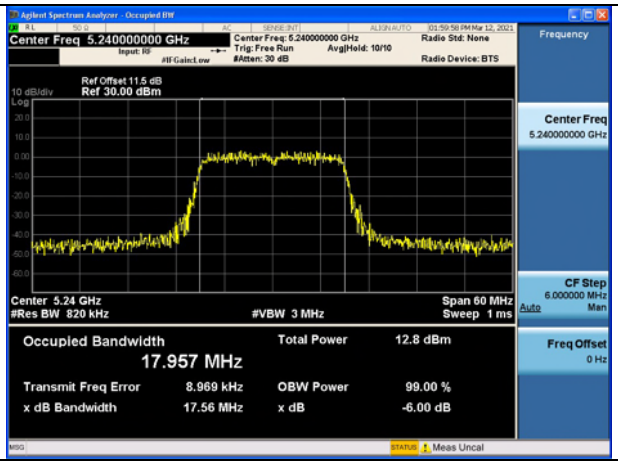
Test Mode:802. 11n HT20

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5180	Ant7	17.854
	Ant8	17.894
5240	Ant7	17.957
	Ant8	18.013

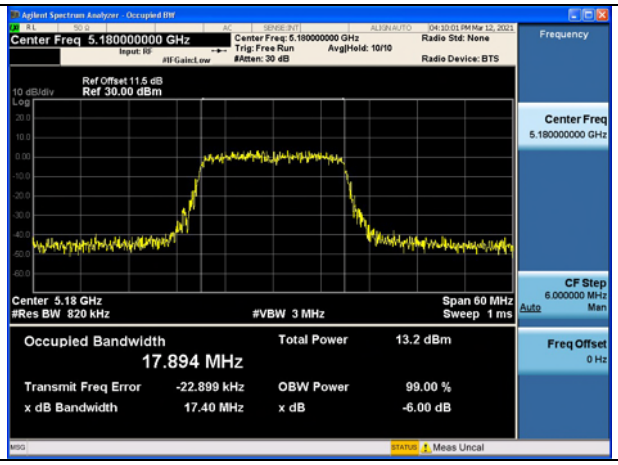
Test Mode:802. 11n HT20 Ant7



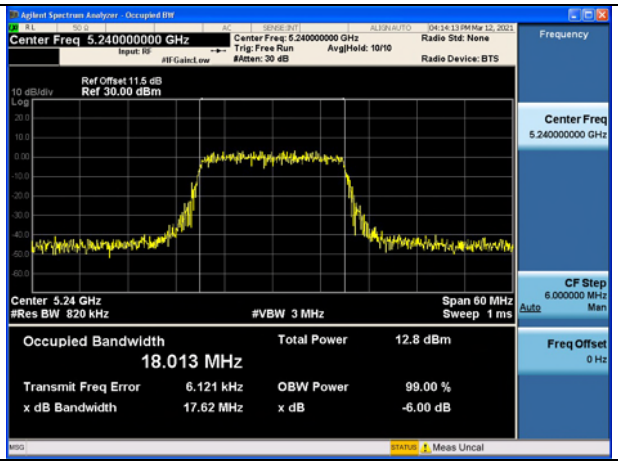
Test Mode:802. 11n HT20 Ant7



Test Mode:802. 11n HT20 Ant8



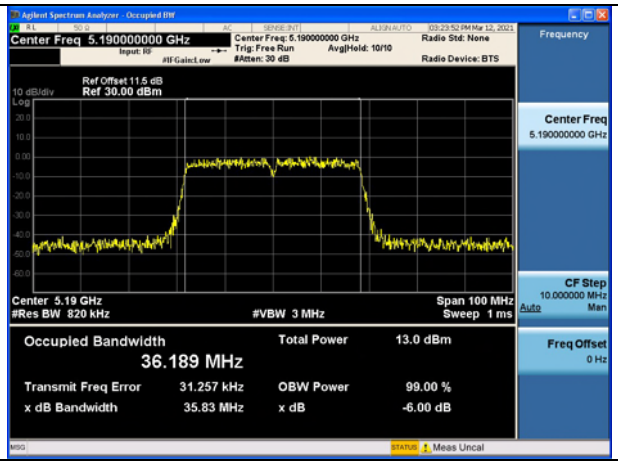
Test Mode:802. 11n HT20 Ant8



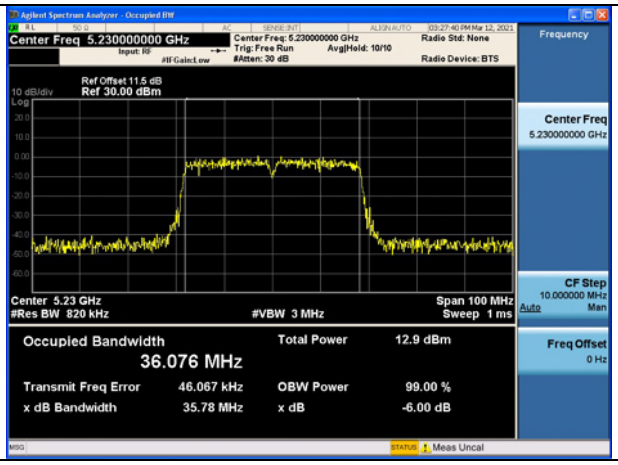
Test Mode:802. 11n HT40

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5190	Ant7	36.189
	Ant8	36.136
5230	Ant7	36.076
	Ant8	36.213

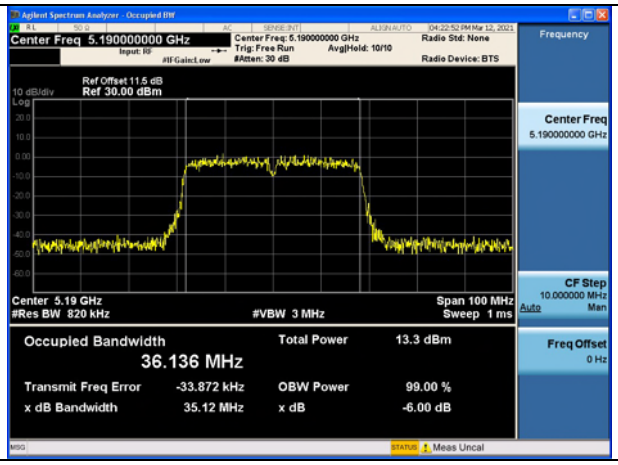
Test Mode:802. 11n HT40 Ant7



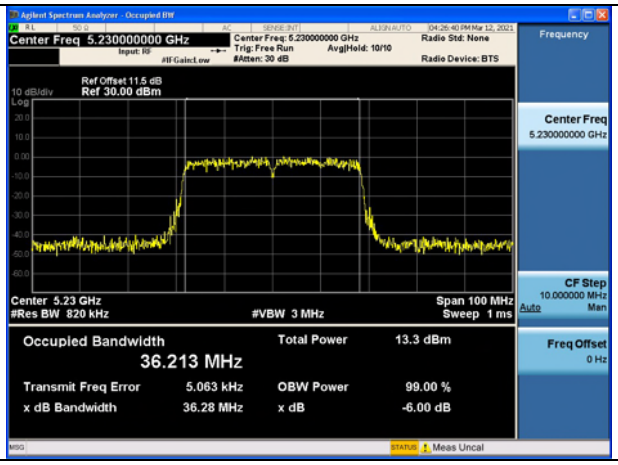
Test Mode:802. 11n HT40 Ant7



Test Mode:802. 11n HT40 Ant8



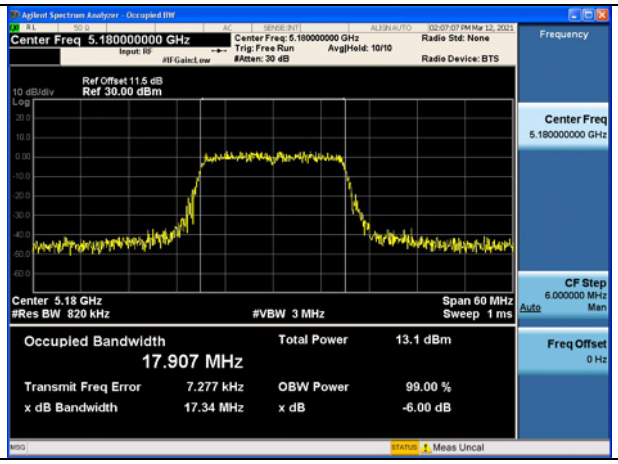
Test Mode:802. 11n HT40 Ant8



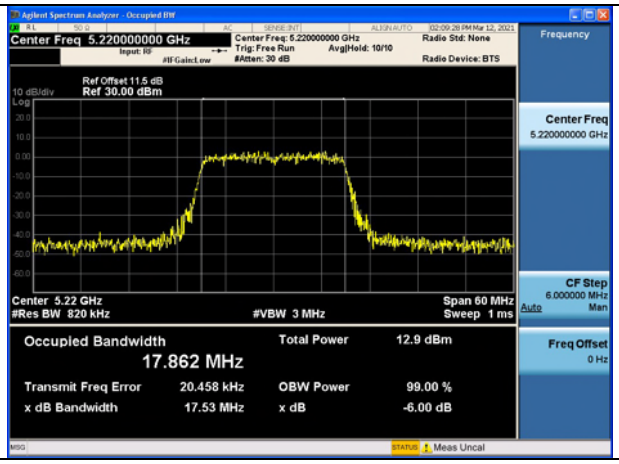
Test Mode:802. 11ac VHT20

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5180	Ant7	17.907
	Ant8	17.870
5220	Ant7	17.862
	Ant8	17.912
5240	Ant7	17.909
	Ant8	17.893

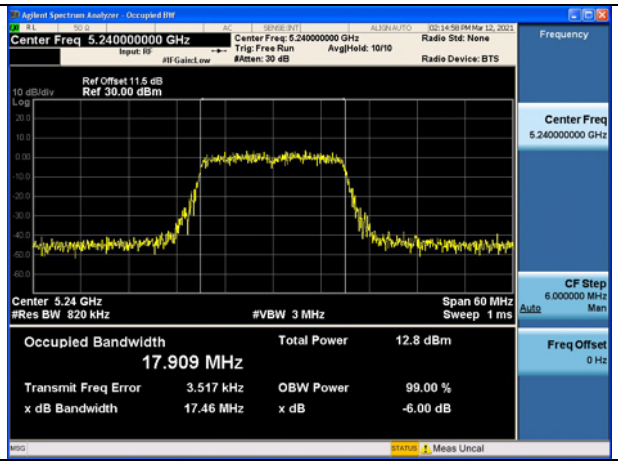
Test Mode:802. 11ac VHT20 Ant7



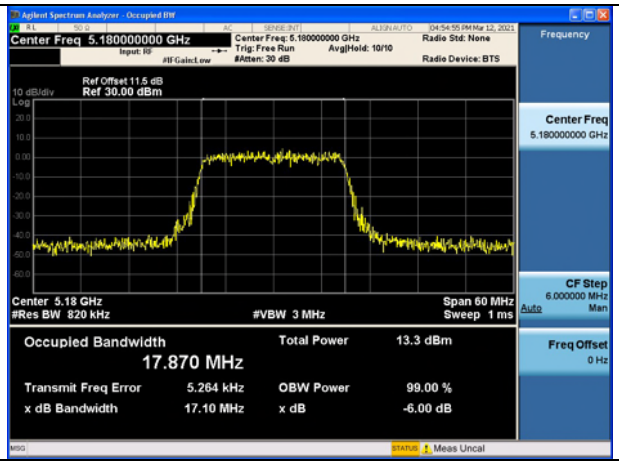
Test Mode:802. 11ac VHT20 Ant7



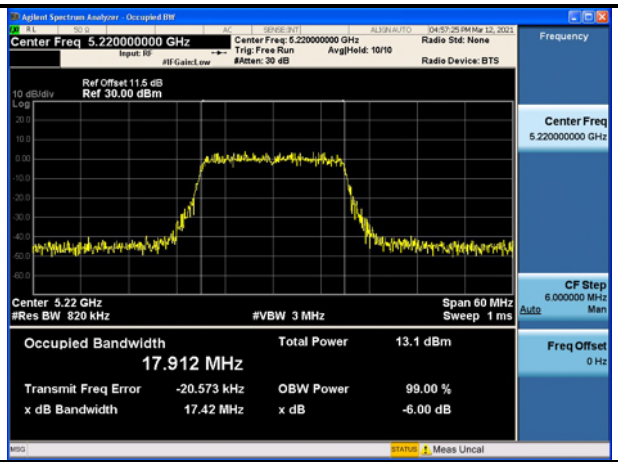
Test Mode:802. 11ac VHT20 Ant7

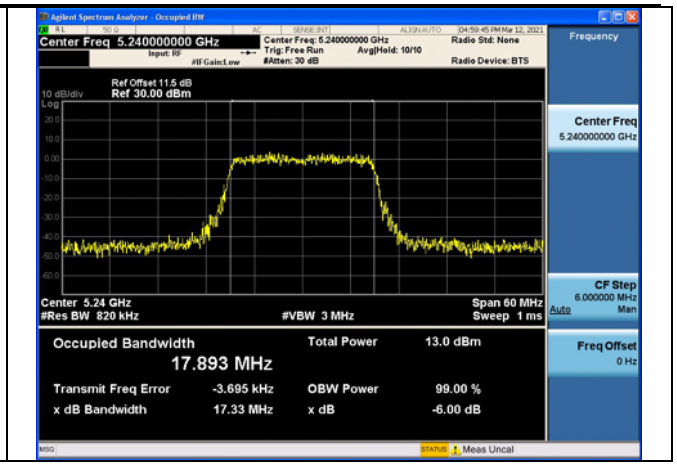


Test Mode:802. 11ac VHT20 Ant8



Test Mode:802. 11ac VHT20 Ant8

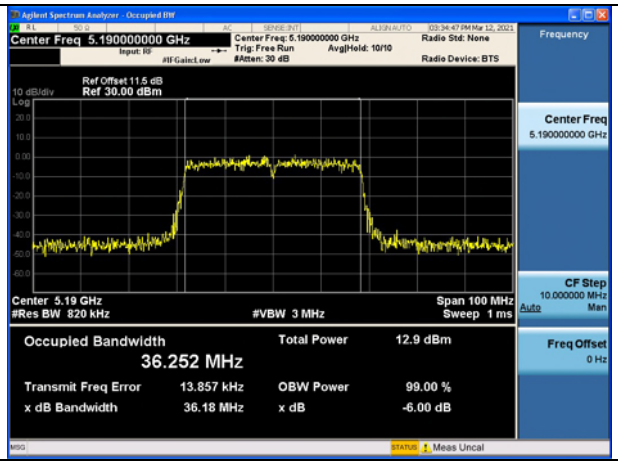

Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.220000000 GHz
Center Freq: 5.220000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.220000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.22 GHz
#Res BW 820 kHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Occupied Bandwidth
17.912 MHz
Total Power 13.1 dBm
Transmit Freq Error -20.573 kHz
OBW Power 99.00 %
x dB Bandwidth 17.42 MHz
x dB -6.00 dB
Freq Offset
0 Hz
Meas Uncal


Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.240000000 GHz
Center Freq: 5.240000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.5 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
5.240000000 GHz
CF Step
6.000000 MHz
Auto
Man
Center 5.24 GHz
#Res BW 820 kHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Occupied Bandwidth
17.893 MHz
Total Power 13.0 dBm
Transmit Freq Error -3.695 kHz
OBW Power 99.00 %
x dB Bandwidth 17.33 MHz
x dB -6.00 dB
Freq Offset
0 Hz
Meas Uncal

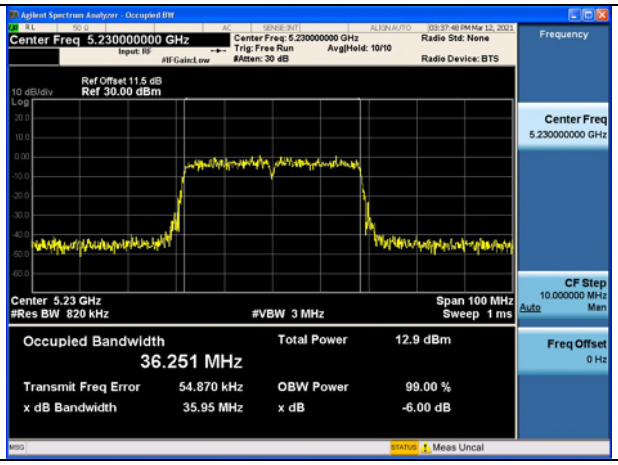
Test Mode:802. 11ac VHT40

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5190	Ant7	36.252
	Ant8	36.158
5230	Ant7	36.251
	Ant8	36.174

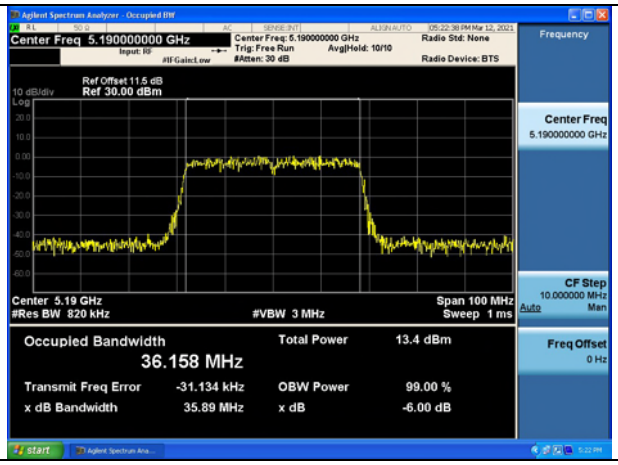
Test Mode:802. 11ac VHT40 Ant7



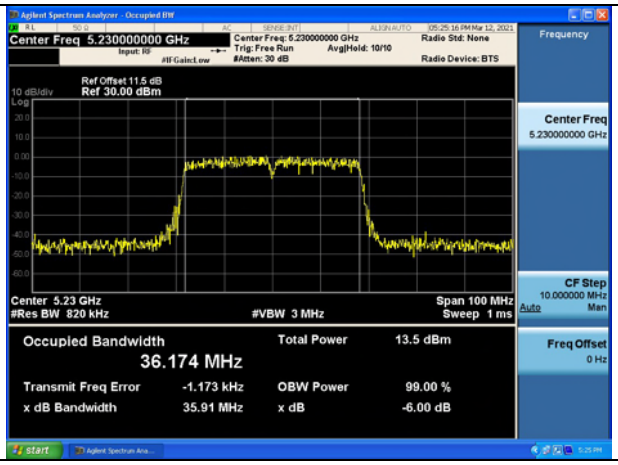
Test Mode:802. 11ac VHT40 Ant7



Test Mode:802. 11ac VHT40 Ant8

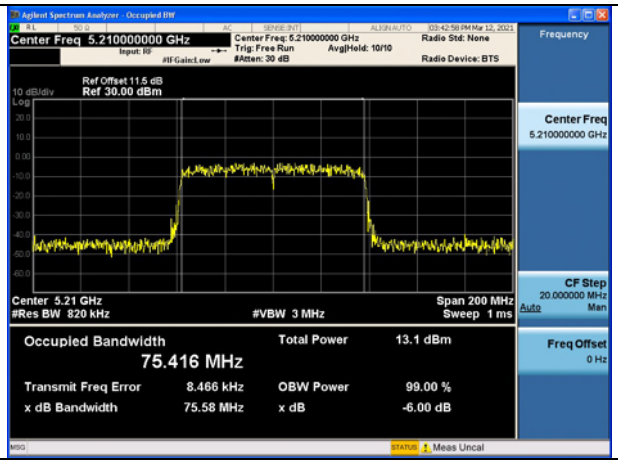
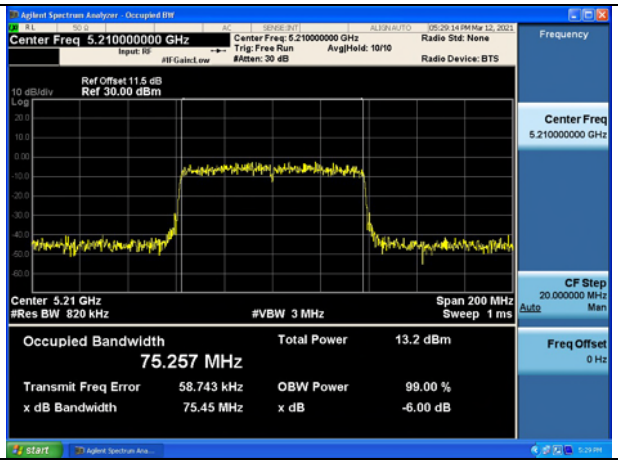


Test Mode:802. 11ac VHT40 Ant8



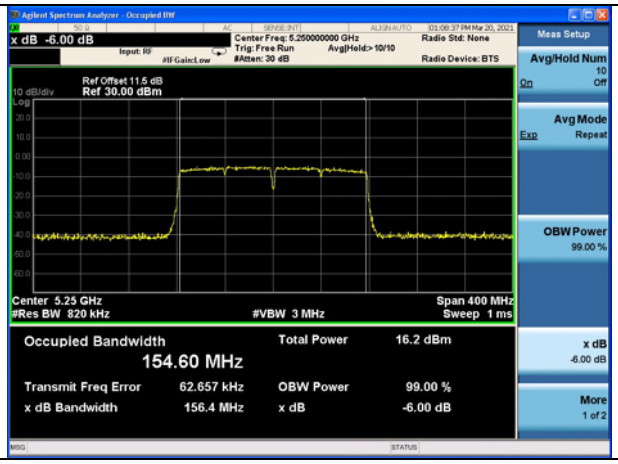
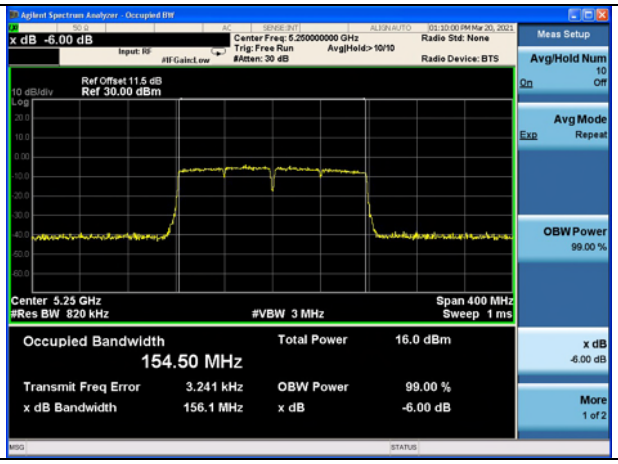
Test Mode:802. 11ac VHT80

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5210	Ant7	75.416
	Ant8	75.257

Test Mode:802. 11ac VHT80 Ant7	Test Mode:802. 11ac VHT80 Ant8
	

Test Mode:802. 11ac VHT160

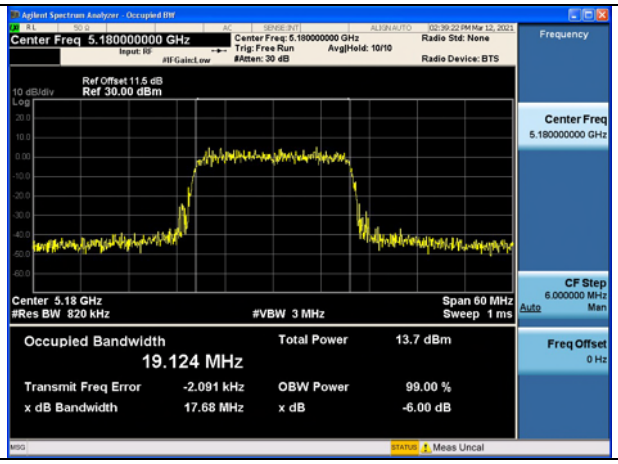
Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5250	Ant7	154.60
	Ant8	154.50

Test Mode:802. 11ac VHT160 Ant7	Test Mode:802. 11ac VHT160 Ant8
	

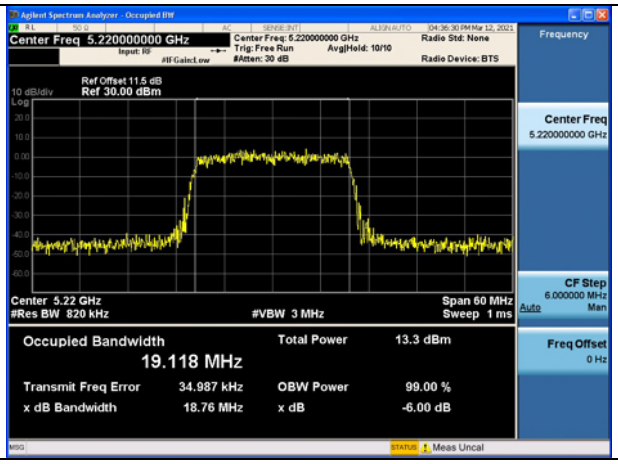
Test Mode:802.11ax HE20(242)

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5180	Ant7	19.124
	Ant8	19.356
5220	Ant7	19.118
	Ant8	19.190
5240	Ant7	19.152
	Ant8	19.177

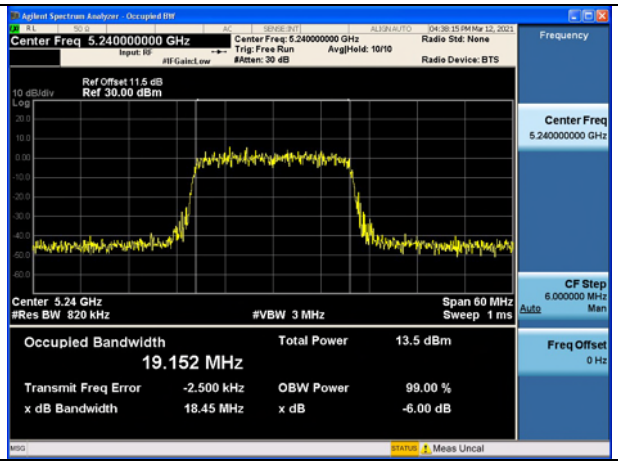
Test Mode:802. 11ax HE20 Ant7



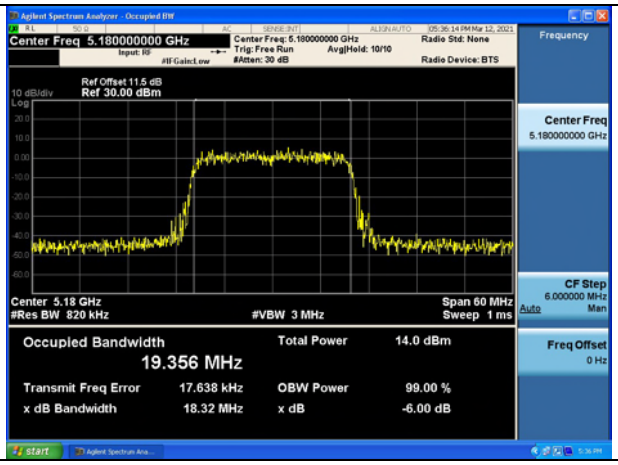
Test Mode:802. 11ax HE20 Ant7



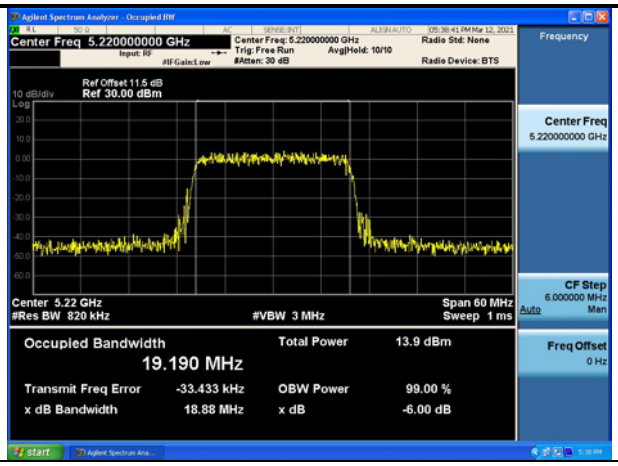
Test Mode:802. 11ax HE20 Ant7

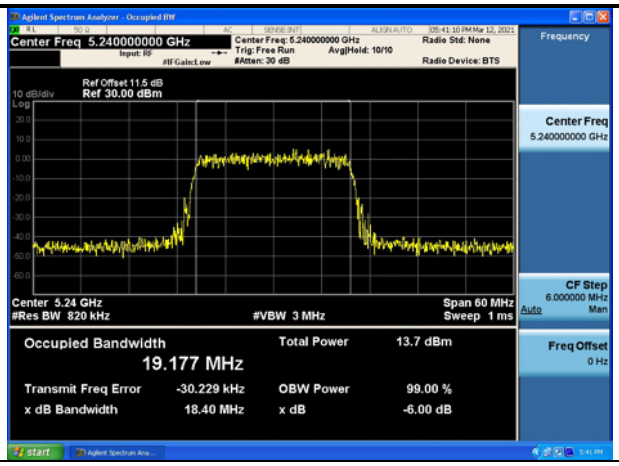


Test Mode:802. 11ax HE20 Ant8



Test Mode:802. 11ax HE20 Ant8

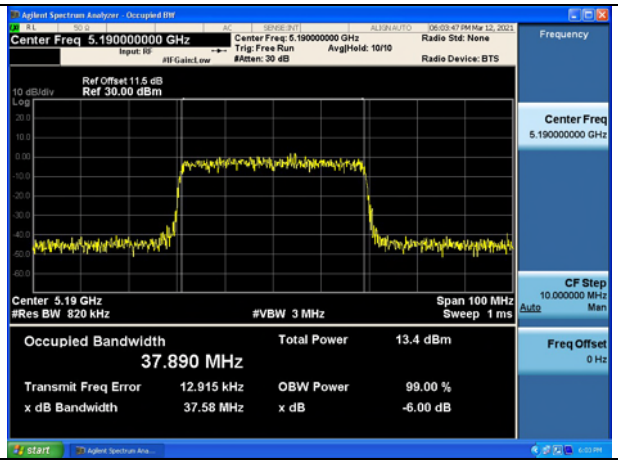




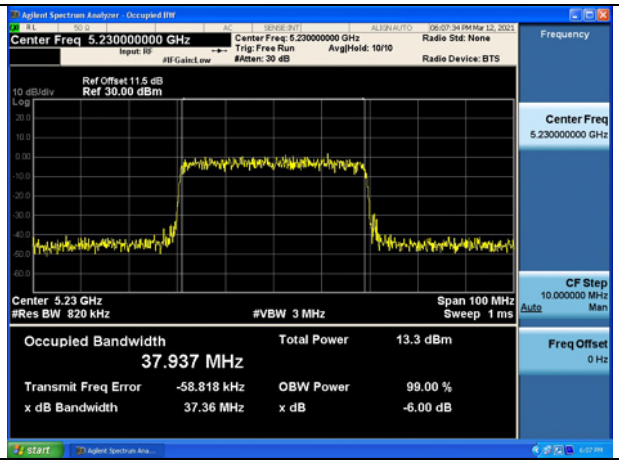
Test Mode:802.11ax HE40(484)

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5190	Ant7	37.890
	Ant8	37.911
5230	Ant7	37.937
	Ant8	37.750

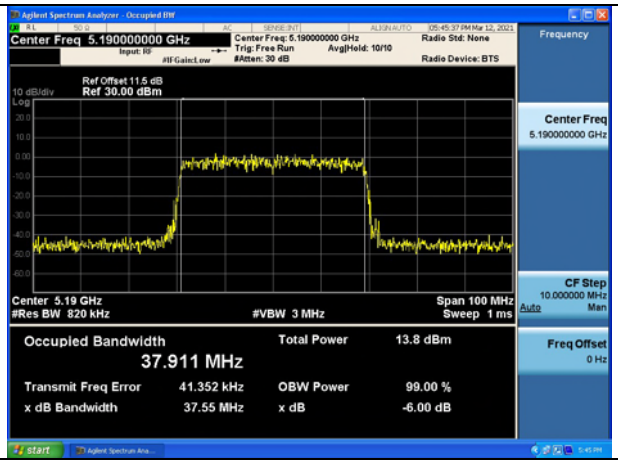
Test Mode:802. 11ax HE40 Ant7



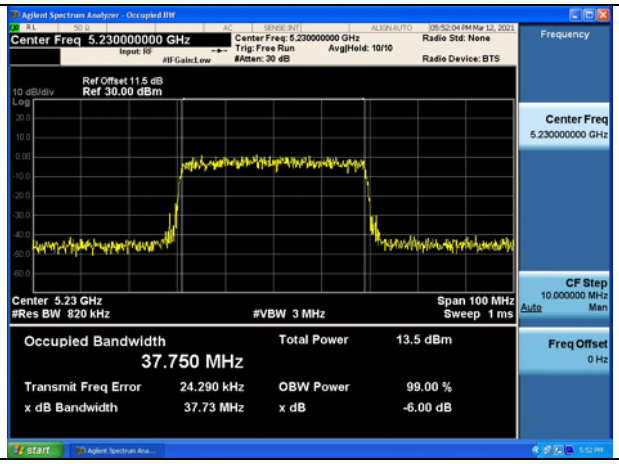
Test Mode:802. 11ax HE40 Ant7



Test Mode:802. 11ax HE40 Ant8

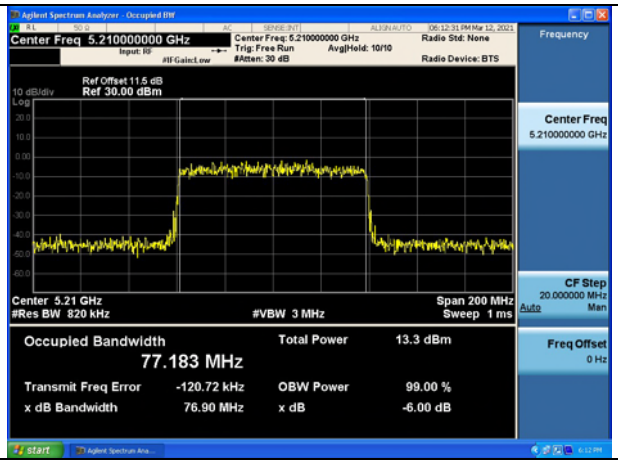
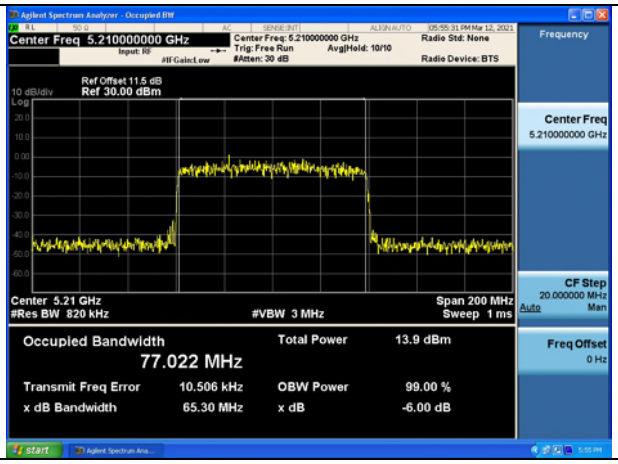


Test Mode:802. 11ax HE40 Ant8



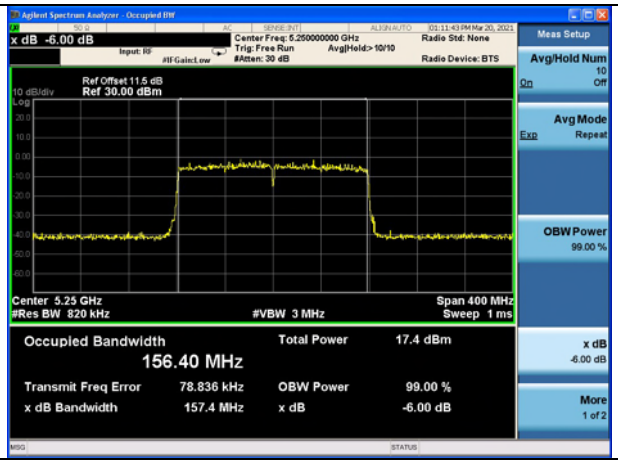
Test Mode:802.11ax HE80(996)

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5210	Ant7	77.183
	Ant8	77.022

Test Mode:802. 11ax HE80 Ant7	Test Mode:802. 11ax HE80 Ant8
	

Test Mode:802.11ax HE160(1992)

Carrier frequency (MHz)	Ant	Occupied Bandwidth (MHz)
5250	Ant7	156.40
	Ant8	156.09

Test Mode:802. 11ax HE160 Ant7	Test Mode:802. 11ax HE160 Ant8
	

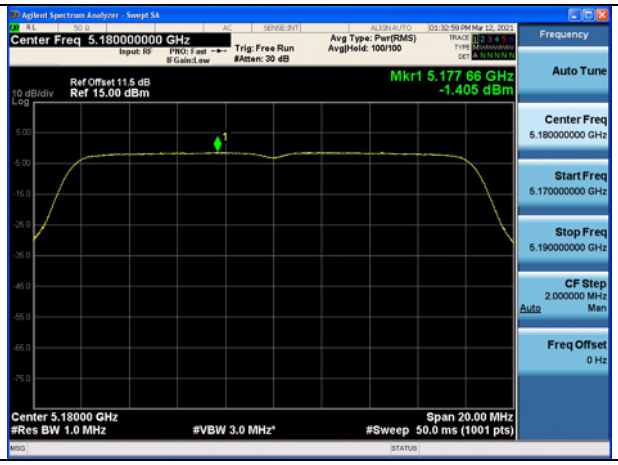
Transmitter Power Spectral Density

Offset 11.5dB = Attenuator 10dB+ Temporary antenna connector loss 0.5dB+ Cable loss 1dB

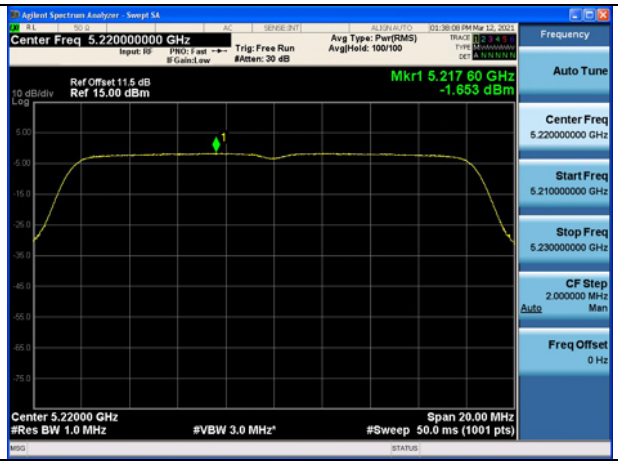
Test Mode:802.11a

Carrier frequency (MHz)	Correction Factor(dB)	Ant	Power Density (dBm)
5180	0.05	Ant7	-1.355
		Ant8	-1.247
		Ant7+Ant8	1.710
5220		Ant7	-1.603
		Ant8	-1.170
		Ant7+Ant8	1.629
5240		Ant7	-1.810
		Ant8	-1.322
		Ant7+Ant8	1.451

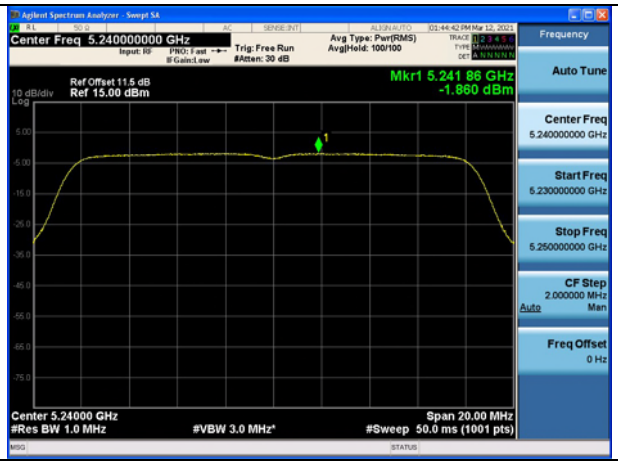
Test Mode:802.11a Ant7



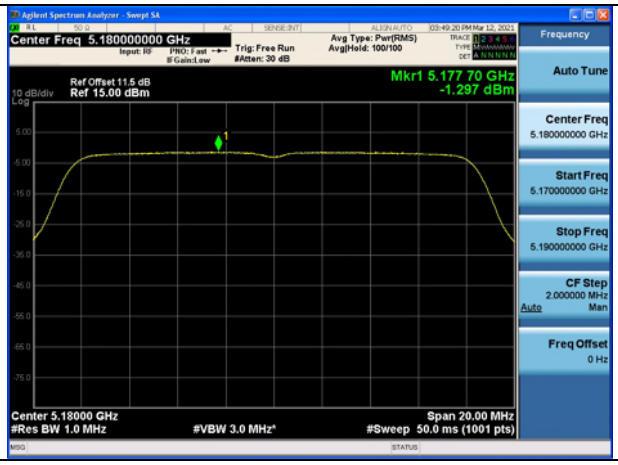
Test Mode:802.11a Ant7



Test Mode:802.11a Ant7



Test Mode:802.11a Ant8



Test Mode:802.11a Ant8