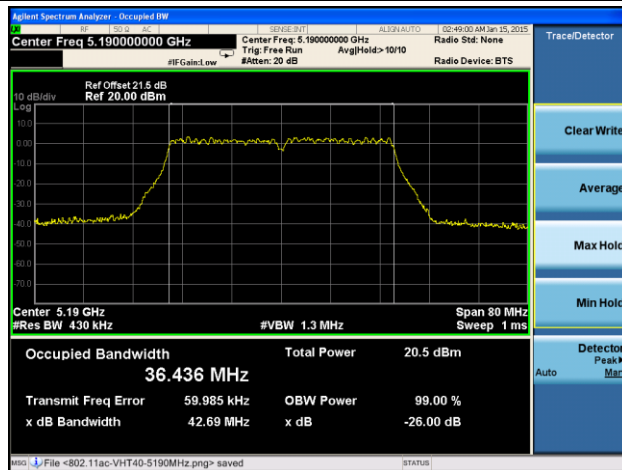
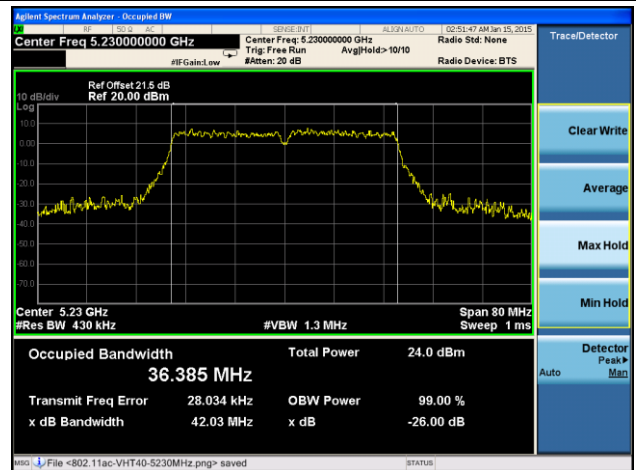


802.11ac-VHT40 26dB Bandwidth & 99% Bandwidth - Ant 2 / Ant 0 + 1 + 2 + 3

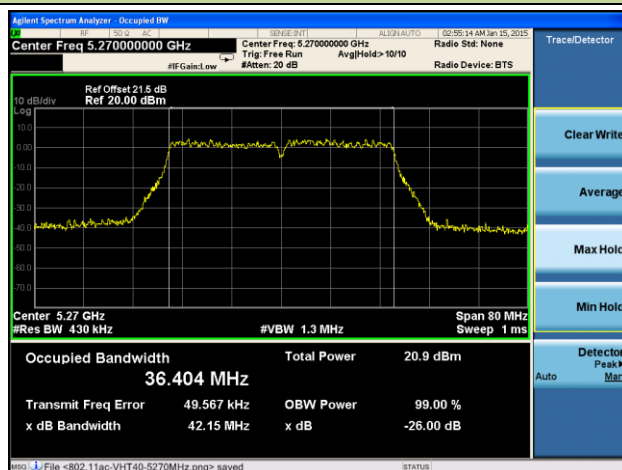
Channel 38 (5190MHz)



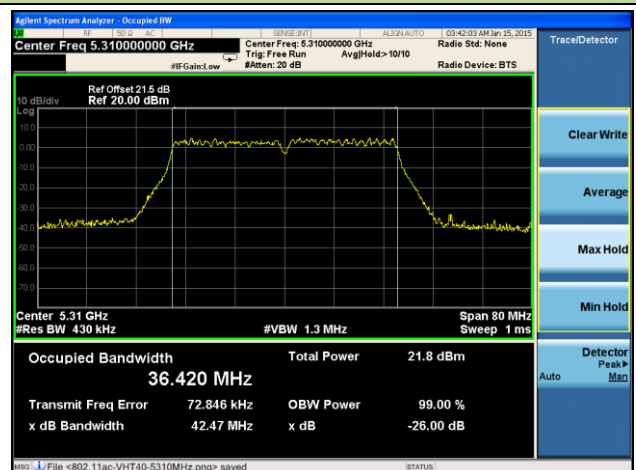
Channel 46 (5230MHz)



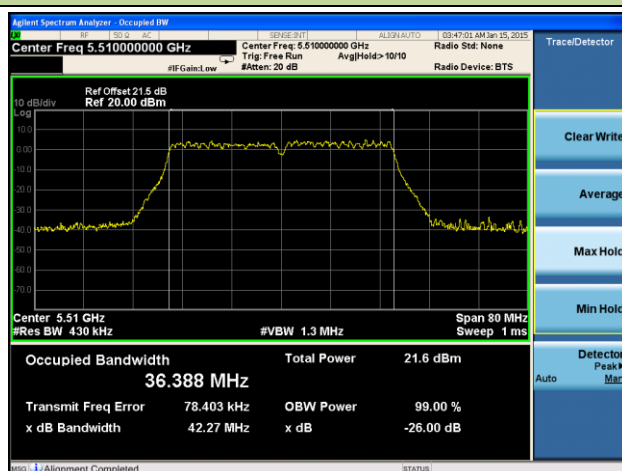
Channel 54 (5270MHz)



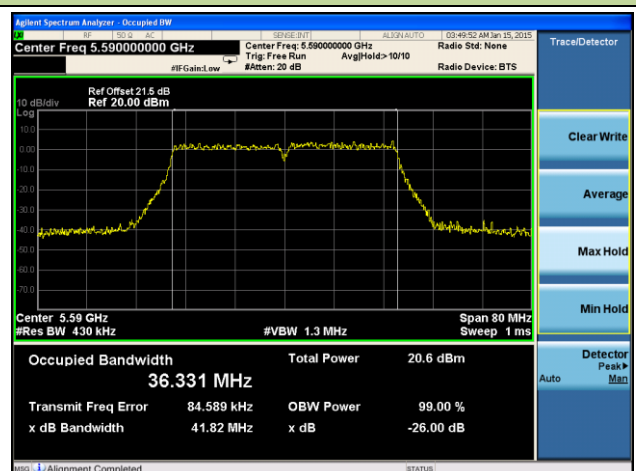
Channel 62 (5310MHz)



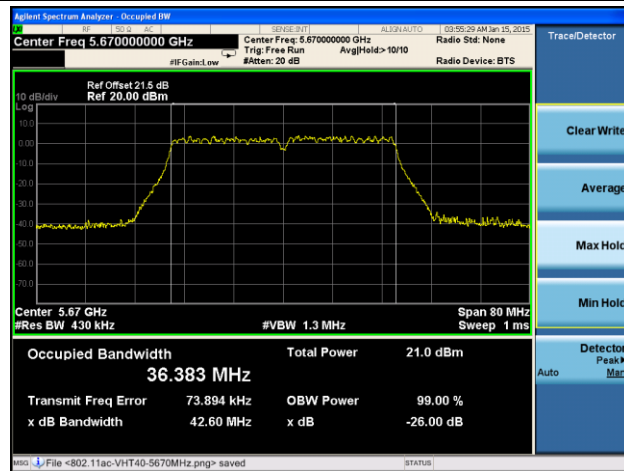
Channel 102 (5510MHz)



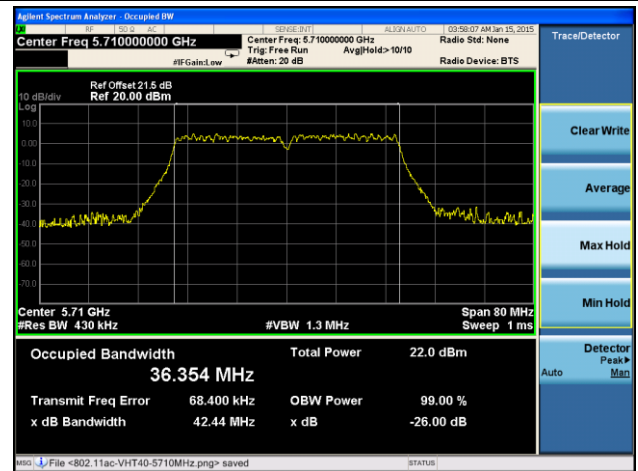
Channel 118 (5590MHz)



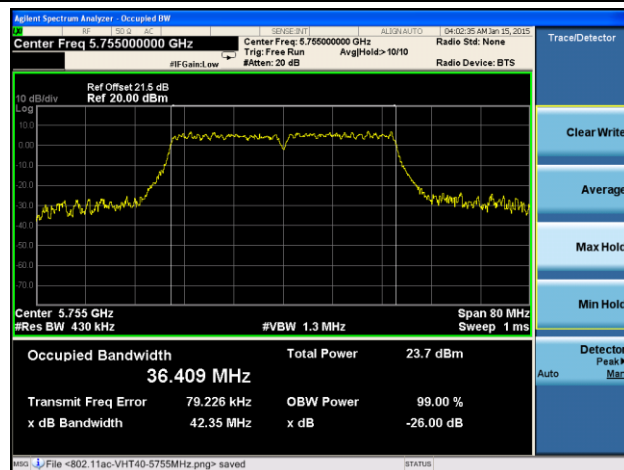
Channel 134 (5670MHz)



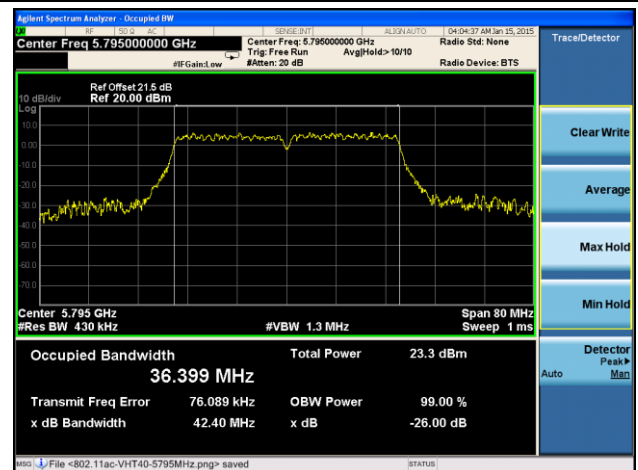
Channel 142 (5710MHz)



Channel 151 (5755MHz)

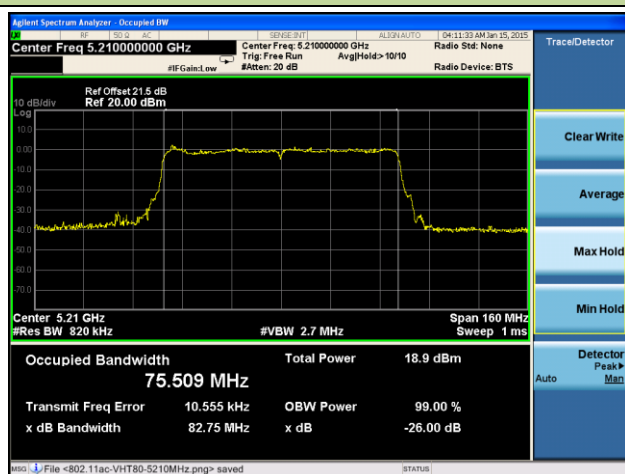


Channel 159 (5795MHz)

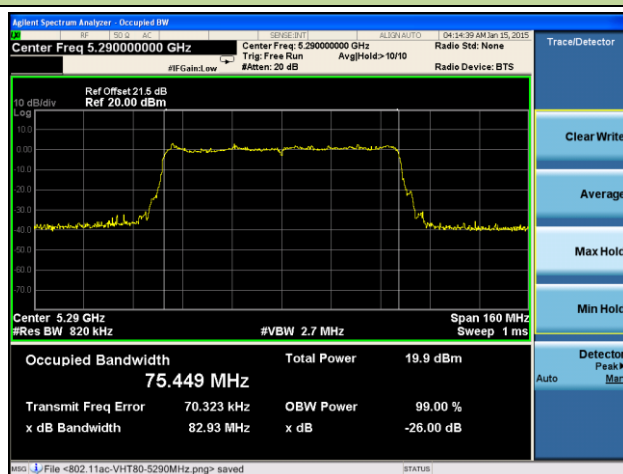


802.11ac-VHT80 26dB Bandwidth & 99% Bandwidth - Ant 2 / Ant 0 + 1 + 2 + 3

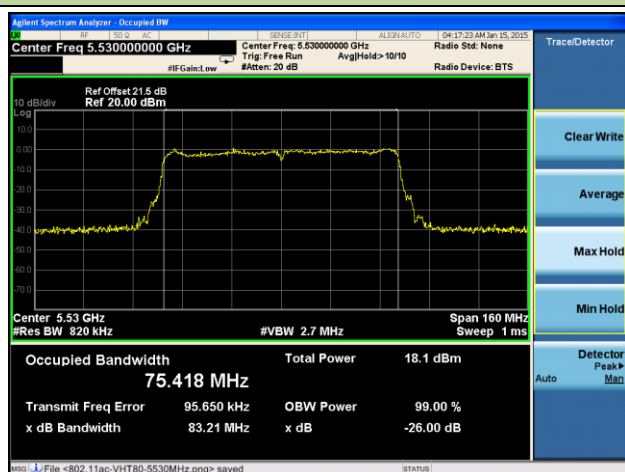
Channel 42 (5210MHz)



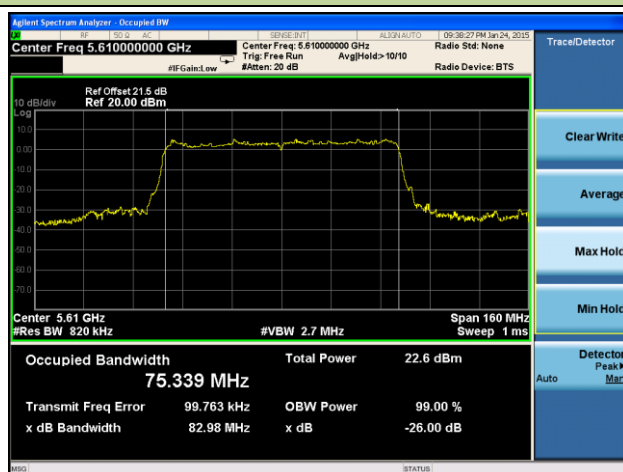
Channel 58 (5290MHz)



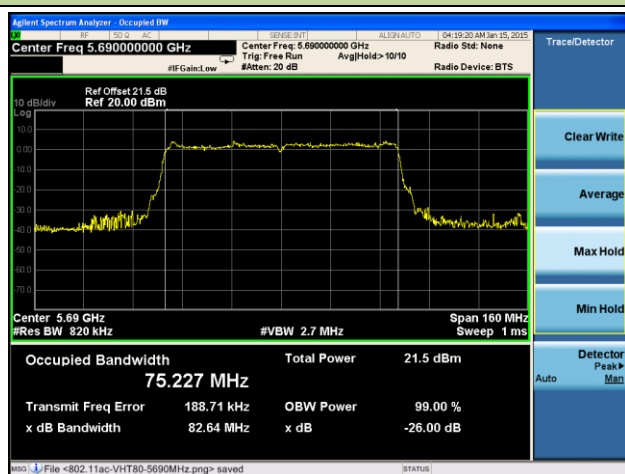
Channel 106 (5530MHz)



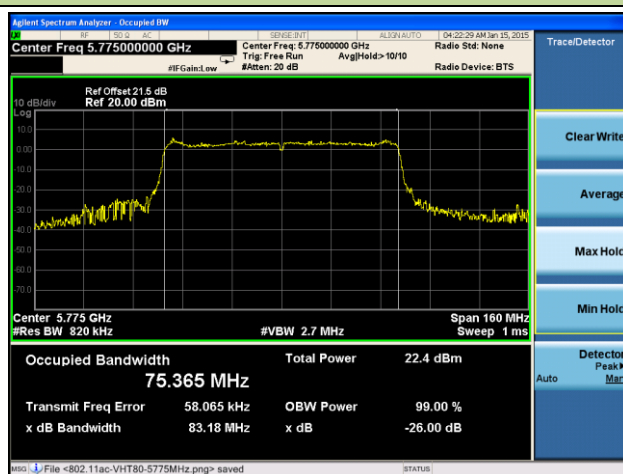
Channel 122 (5610MHz)



Channel 138 (5690MHz)

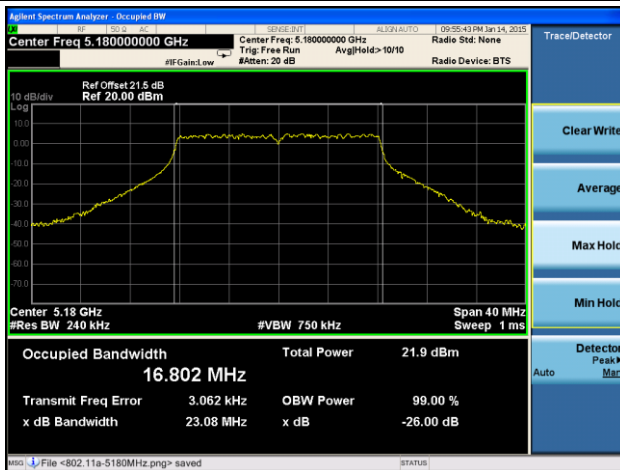


Channel 155 (5775MHz)

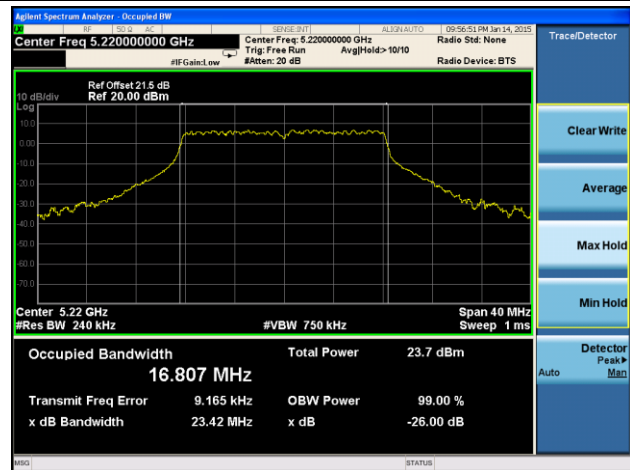


802.11a 26dB Bandwidth & 99% Bandwidth - Ant 3 / Ant 0 + 1 + 2 + 3

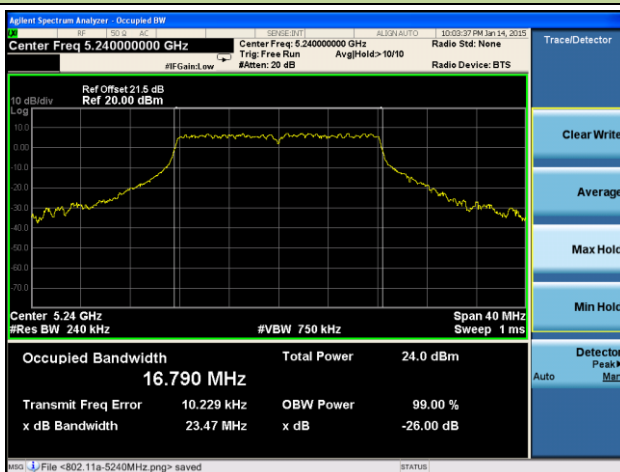
Channel 36 (5180MHz)



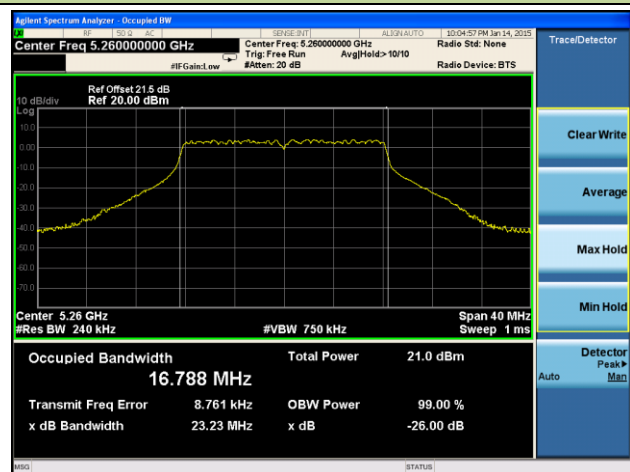
Channel 44 (5220MHz)



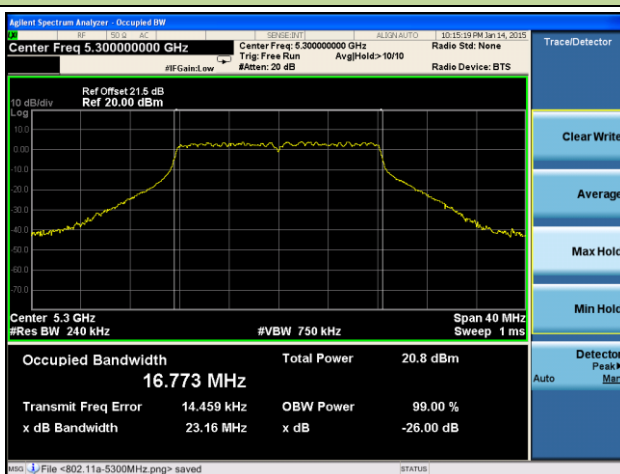
Channel 48 (5240MHz)



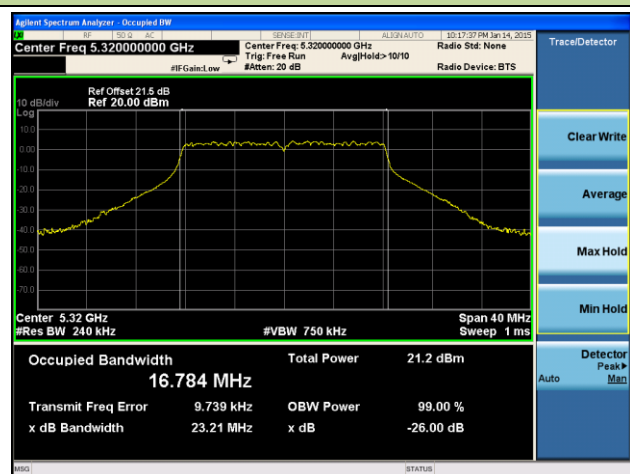
Channel 52 (5260MHz)



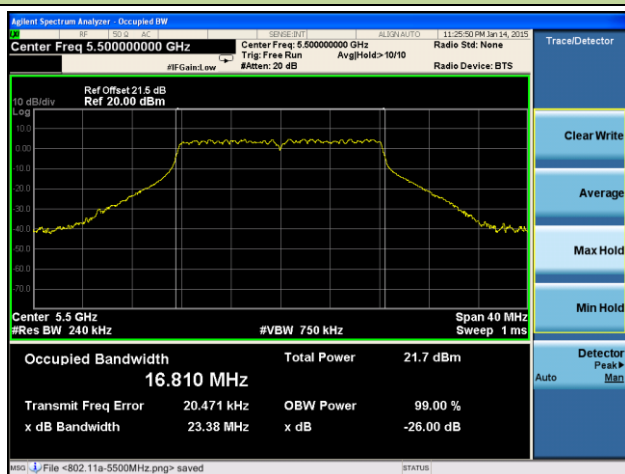
Channel 60 (5300MHz)



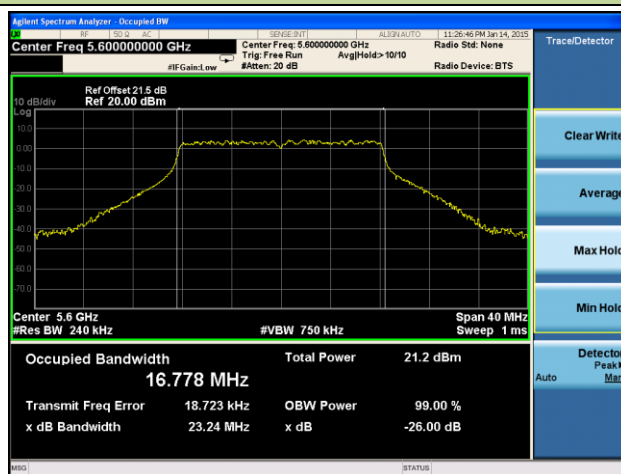
Channel 64 (5320MHz)



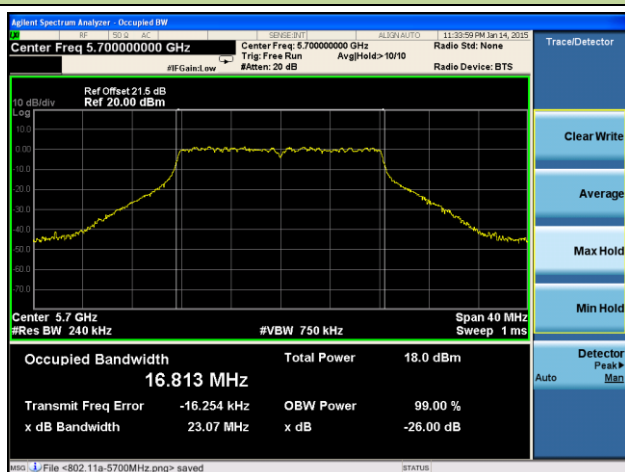
Channel 100 (5500MHz)



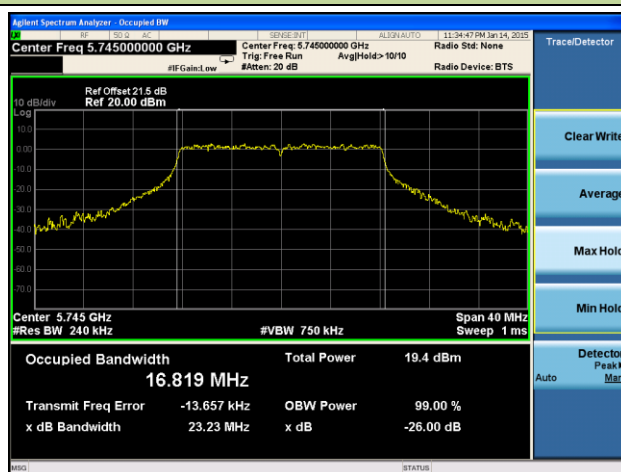
Channel 120 (5600MHz)



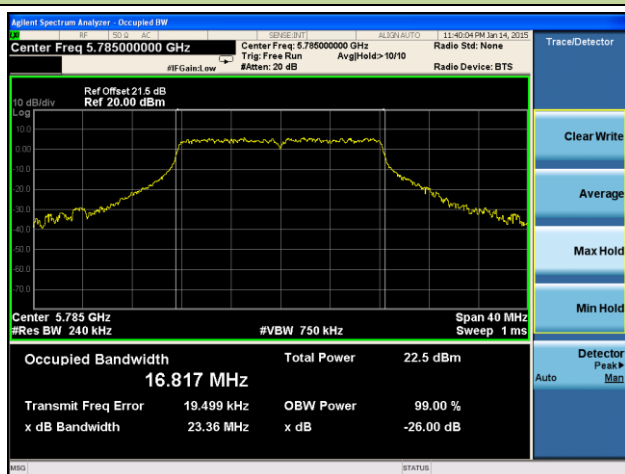
Channel 140 (5700MHz)



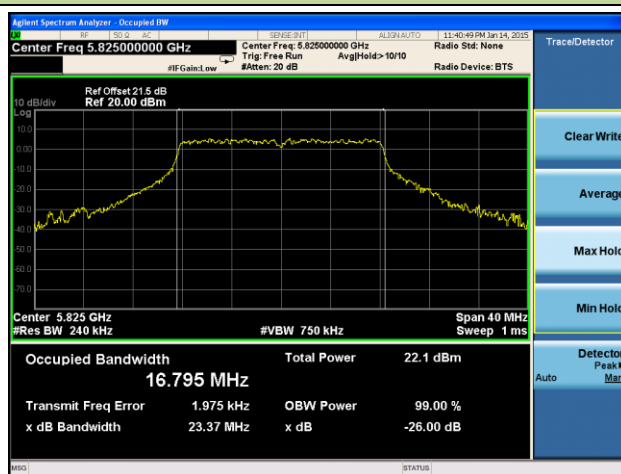
Channel 149 (5745MHz)



Channel 157 (5785MHz)

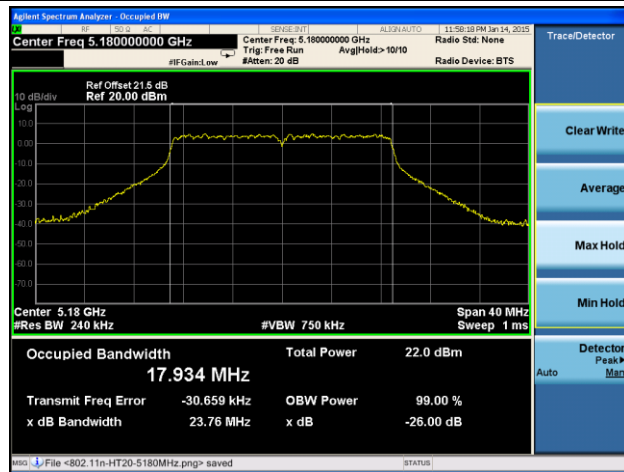


Channel 165 (5825MHz)

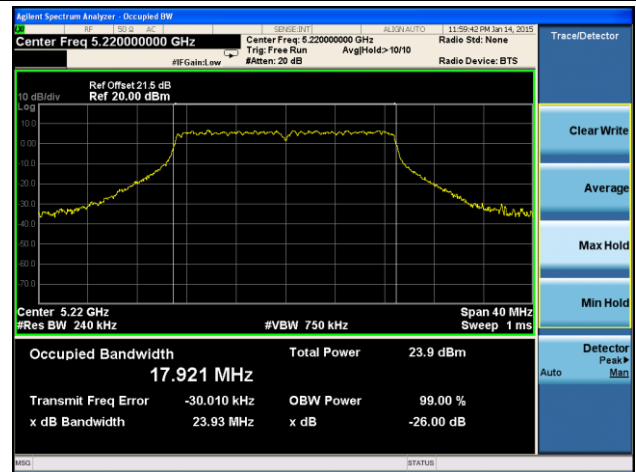


802.11n-HT20 26dB Bandwidth & 99% Bandwidth - Ant 3 / Ant 0 + 1 + 2 + 3

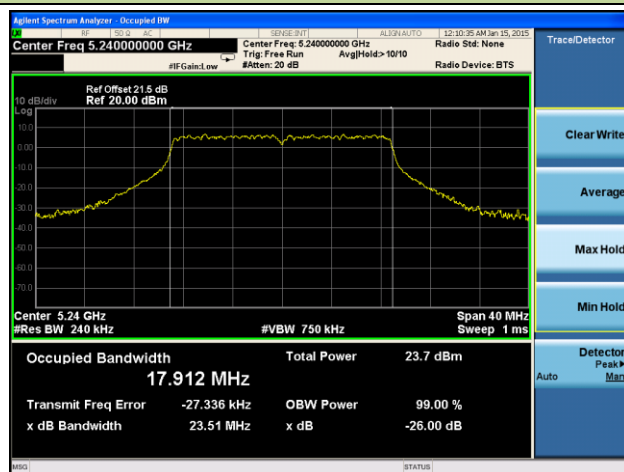
Channel 36 (5180MHz)



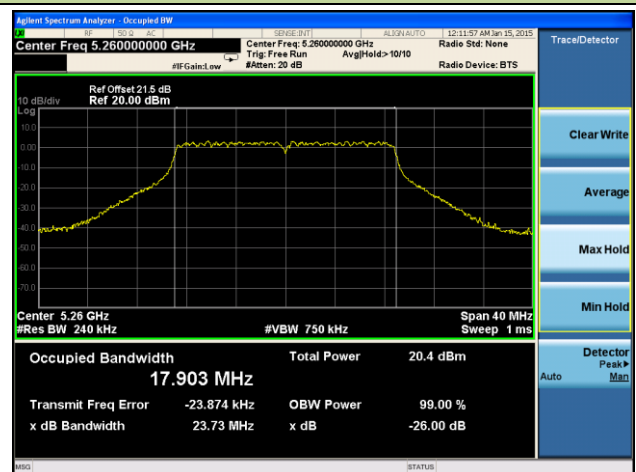
Channel 44 (5220MHz)



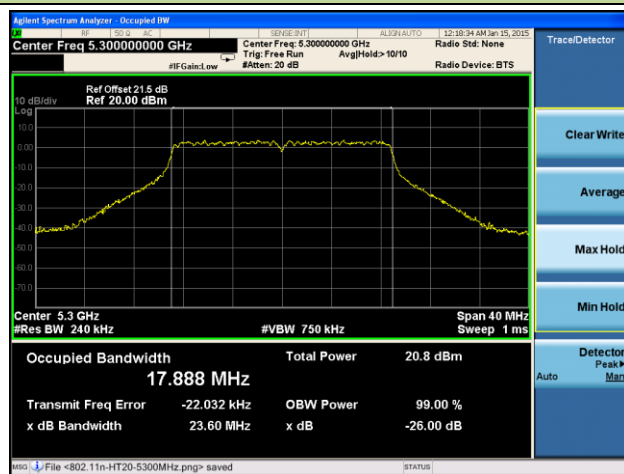
Channel 48 (5240MHz)



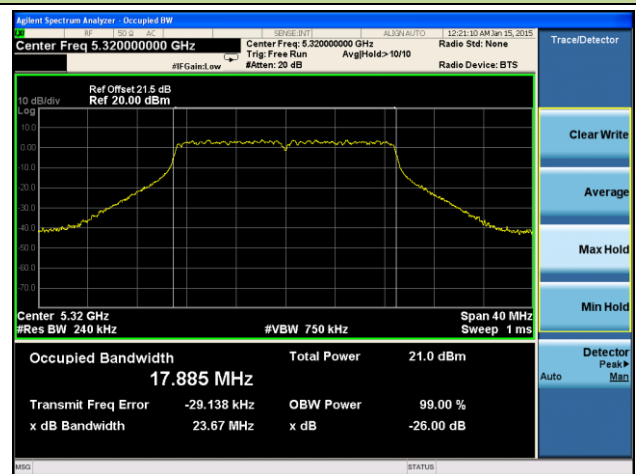
Channel 52 (5260MHz)



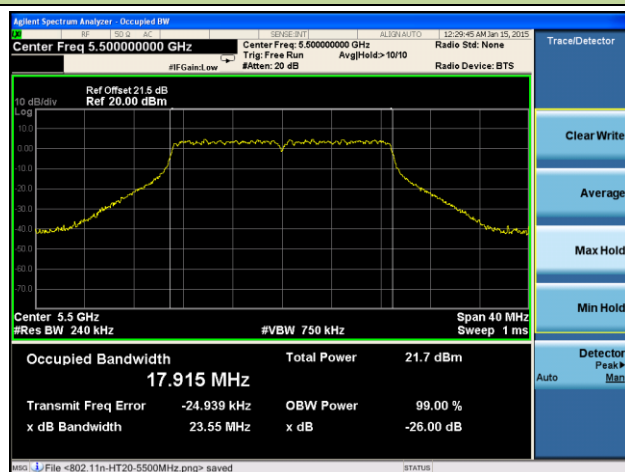
Channel 60 (5300MHz)



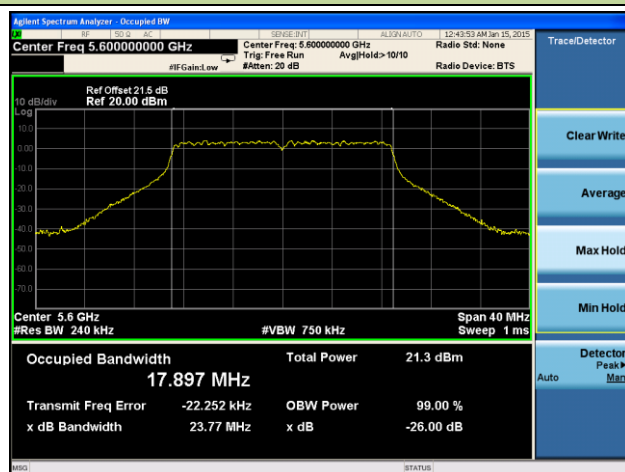
Channel 64 (5320MHz)



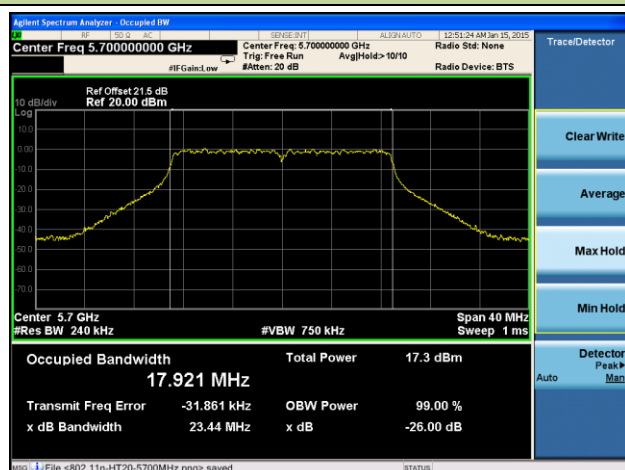
Channel 100 (5500MHz)



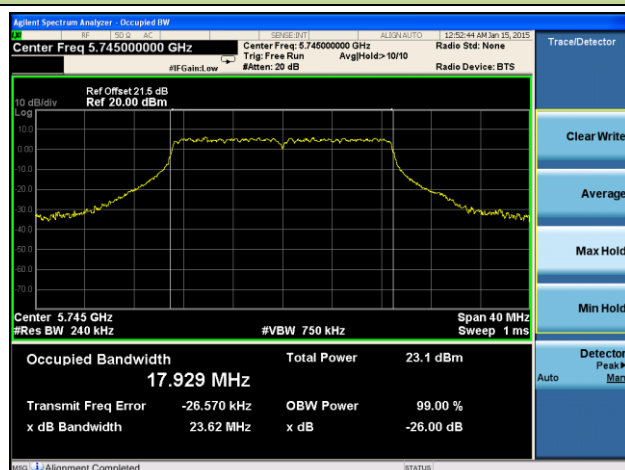
Channel 120 (5600MHz)



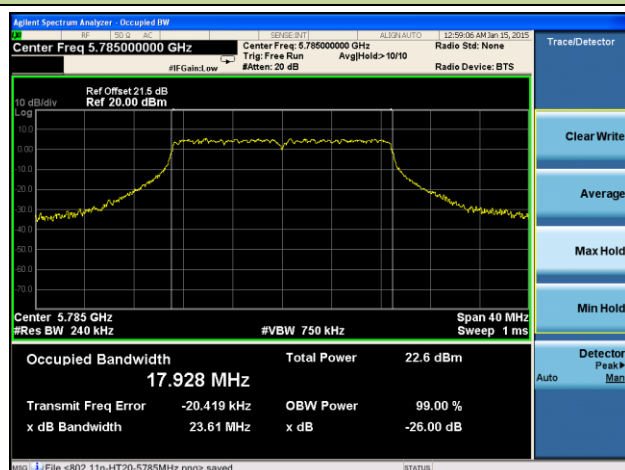
Channel 140 (5700MHz)



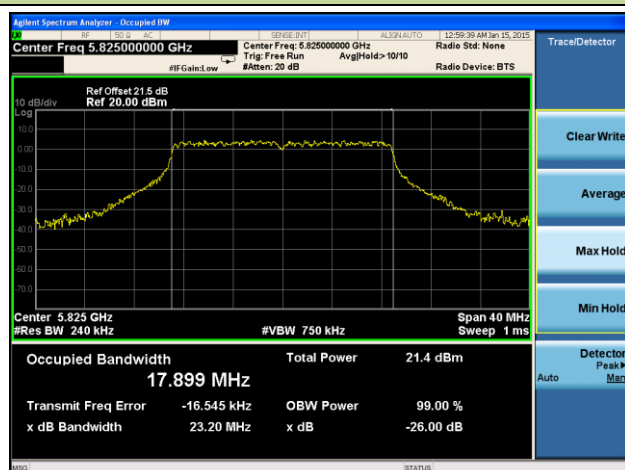
Channel 149 (5745MHz)



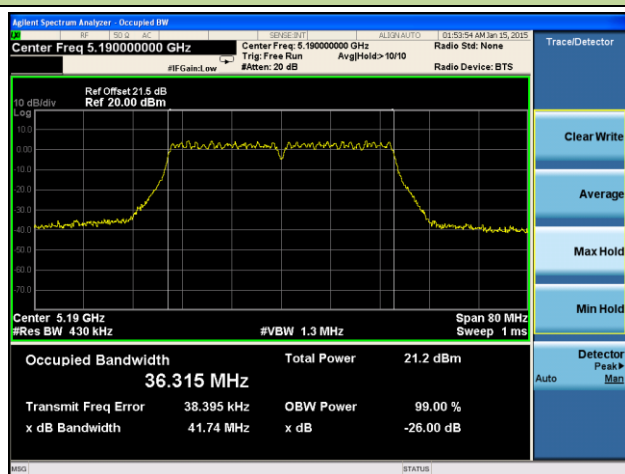
Channel 157 (5785MHz)



Channel 165 (5825MHz)



Channel 38 (5190MHz)



Agilent Spectrum Analyzer - Occupied BW

Center Freq 5.230000000 GHz

Ref Offset 21.5 dB
Ref 20.00 dBm

Trig: Free Run
#Atten: 20 dB

ALCAN AUTO
Radio Std: None
Avg/Hold>10/10
Radio Device: BTS

Center 5.23 GHz
#Res BW 430 kHz

#VBW 1.3 MHz

Span 80 MHz
Sweep 1 ms

Occupied Bandwidth

36.326 MHz

Total Power

25.0 dBm

Transmit Freq Error

37.761 kHz

OBW Power

99.00 %

x dB Bandwidth

42.06 MHz

x dB

-26.00 dB

Trace/Detector

Clear Write

Average

Max Hold

Min Hold

Detector Peak Max

Auto

File <802.11n-HT40-52300MHz.png> saved

[STATUS]

Agilent Spectrum Analyzer - Occupied BW

ALPHA AUTO 12:01:20 AM Jan 15, 2015

Center Freq 5.270000000 GHz

Trace/Detector

#GainLow

Trig: Free Run

Avg/Hold>10/10

Radio Std: None

#Att: 20 dB

Radio Device: BTS

Ref Offset 21.5 dB

Ref 20.00 dBm

10 dB/div

Log

Center 5.27 GHz

#Res BW 430 kHz

#VBW 1.3 MHz

Span 80 MHz

Sweep 1 ms

Occupied Bandwidth

36.308 MHz

Total Power

21.2 dBm

Transmit Freq Error

26.656 kHz

OBW Power

99.00 %

x dB Bandwidth

42.06 MHz

x dB

-26.00 dB

Clear Write

Average

Max Hold

Min Hold

Detector

Peak

Auto

Man

STATUS

Agilent Spectrum Analyzer - Occupied BW

Center Freq 5.310000000 GHz

Ref Offset 21.5 dB
Ref 20.00 dBm

Trig: Free Run
#GainsLow

Center Freq 5.310000000 GHz
Trig: Free Run
#Atten: 20 dB

ALLEN AUTO
Radio Std: None
AvgHold>10/10
Radio Device: BTS

Center 5.31 GHz
Res BW 430 kHz

#VBW 1.3 MHz

Span 80 MHz
Sweep 1 ms

Occupied Bandwidth
36.323 MHz

Total Power
22.2 dBm

Transmit Freq Error
49.346 kHz

OBW Power
99.00 %

x dB Bandwidth
41.83 MHz

x dB
-26.00 dB

Agilent Spectrum Analyzer - Occupied BW

AL32N AUTO 102:50:50 AM Jan 15, 2015

Center Freq 5.510000000 GHz

Trig: Free Run Avg/Hold>10/10

#Gain: Low #Atten: 20 dB

Radio Device: BTS

Ref Offset 21.5 dB Ref 20.00 dBm

10 dB/div

Log

Center 5.51 GHz

#Res BW 430 kHz

#VBW 1.3 MHz

Span 80 MHz

Sweep 1 ms

Occupied Bandwidth

36.336 MHz

Total Power

22.3 dBm

Transmit Freq Error

78.523 kHz

OBW Power

99.00 %

x dB Bandwidth

41.77 MHz

x dB

-26.00 dB

Trace/Detector

Clear Write

Average

Max Hold

Min Hold

Detector

Peak

Auto

Man

Usage

Status

Agilent Spectrum Analyzer - Occupied BW

ALAN AUTO 10:23:07 AM Jan 25, 2015

Center Freq 5.590000000 GHz **Trig: Free Run** **Radio Std: None** **Trace/Detector**

#FGainLow #Atten: 20 dB **Avg/Hold>10/10** **Radio Device: BTS**

Ref Offset 21.5 dB
Ref 20.00 dBm

Center 5.59 GHz
#Res BW 430 kHz

#VBW 1.3 MHz

Span 80 MHz
Sweep 1 ms

Occupied Bandwidth	Total Power
36.338 MHz	22.6 dBm

Transmit Freq Error	OBW Power
75.651 kHz	99.00 %
x dB Bandwidth	x dB
	-26.00 dB

Clear Write

Average

Max Hold

Min Hold

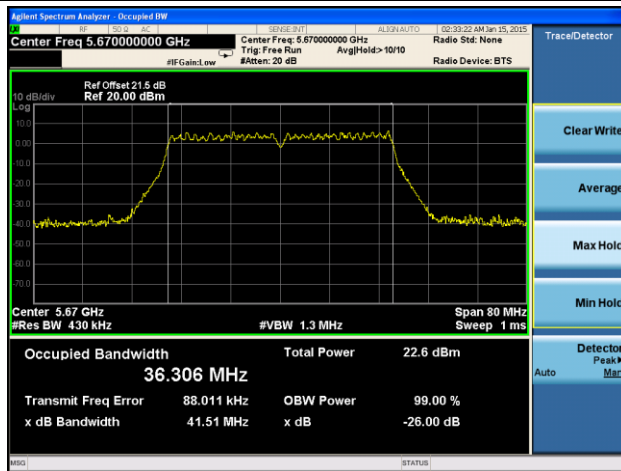
Detector Peak Max

Auto

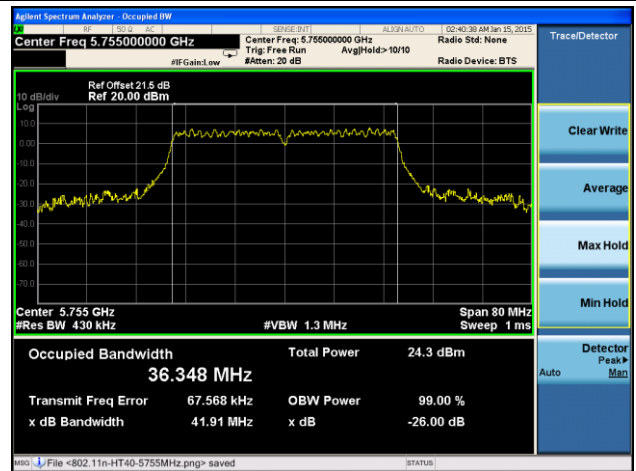
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[STATUS]

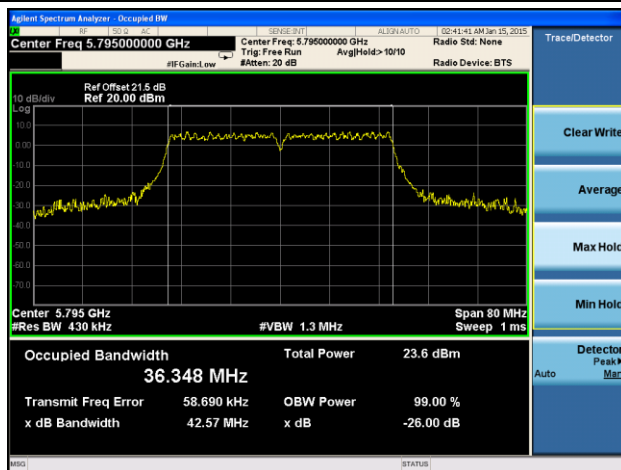
Channel 134 (5670MHz)



Channel 151 (5755 MHz)

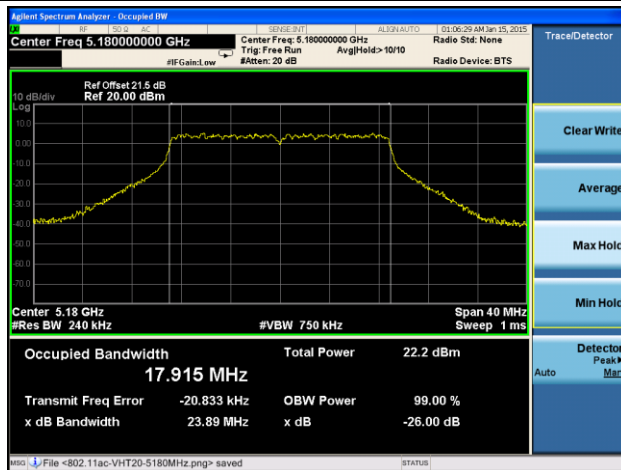


Channel 159 (5795 MHz)

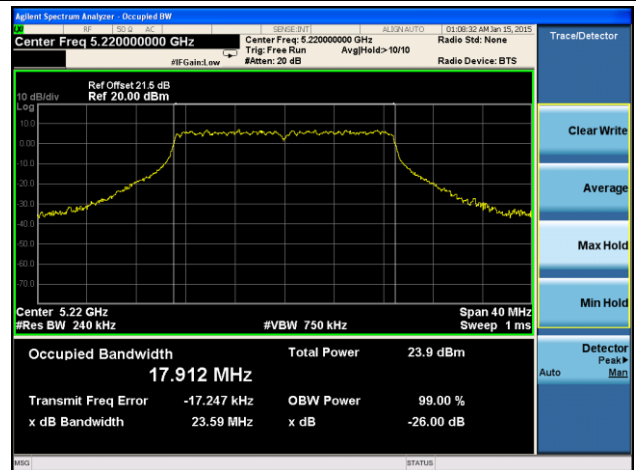


802.11ac-VHT20 26dB Bandwidth & 99% Bandwidth - Ant 3 / Ant 0 + 1 + 2 + 3

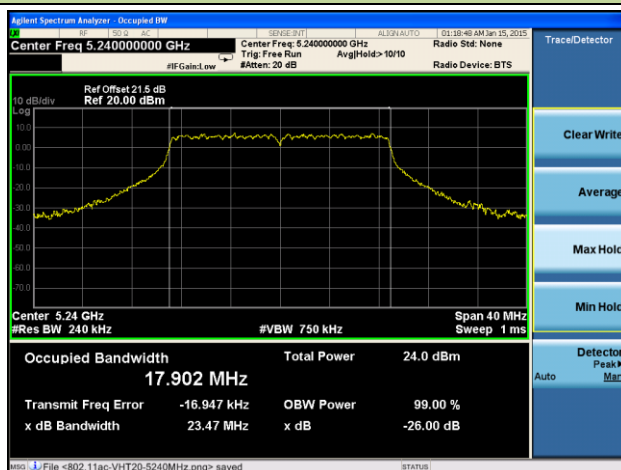
Channel 36 (5180MHz)



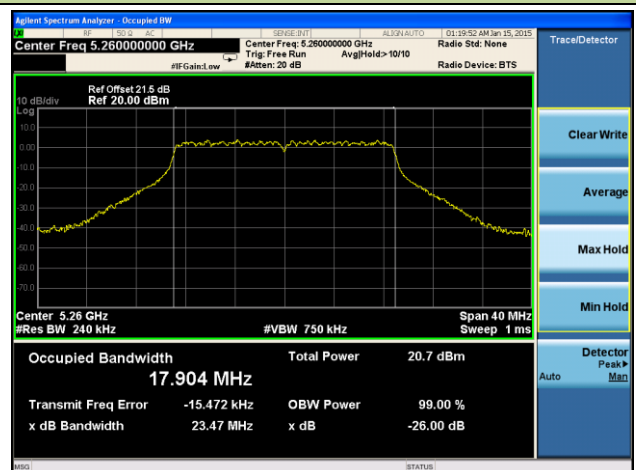
Channel 44 (5220MHz)



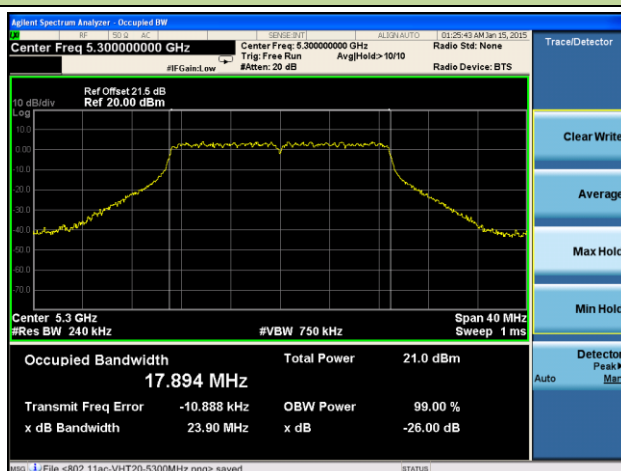
Channel 48 (5240MHz)



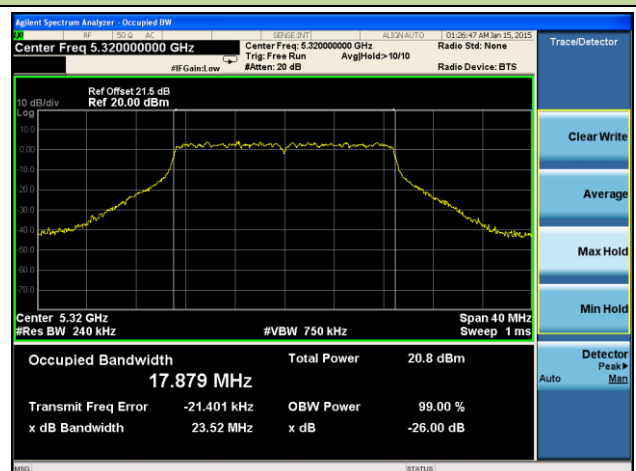
Channel 52 (5260MHz)



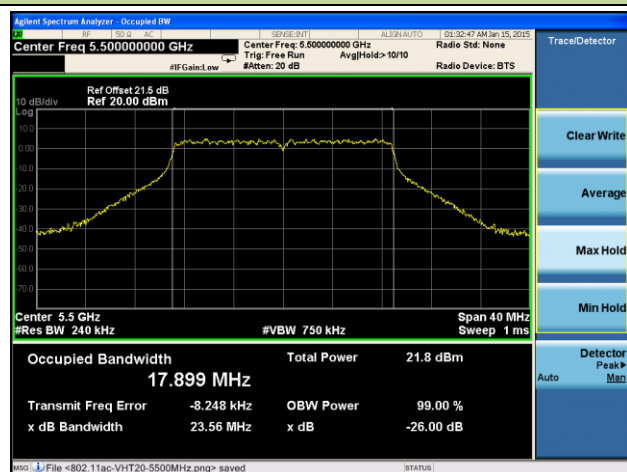
Channel 60 (5300MHz)



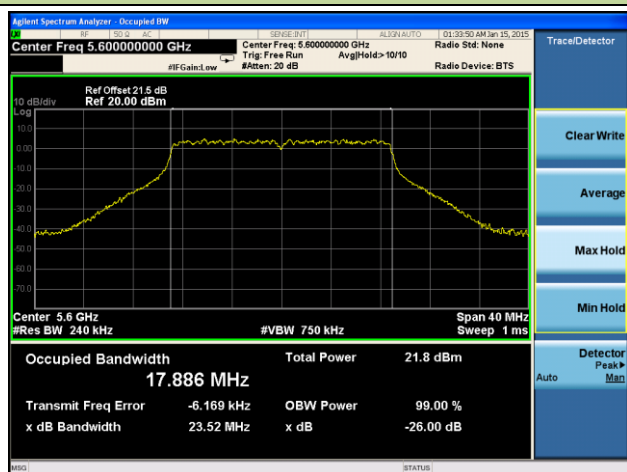
Channel 64 (5320MHz)



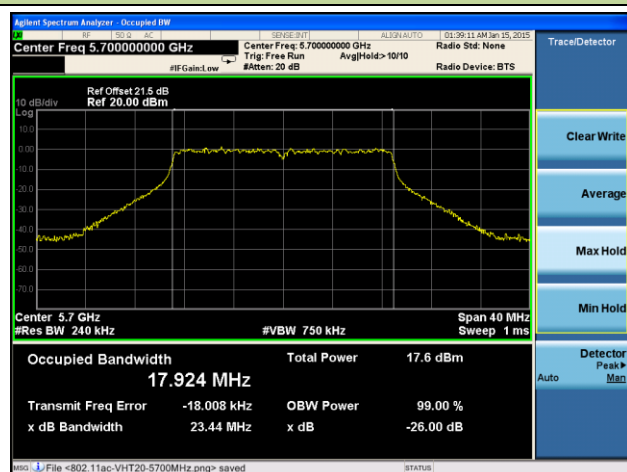
Channel 100 (5500MHz)



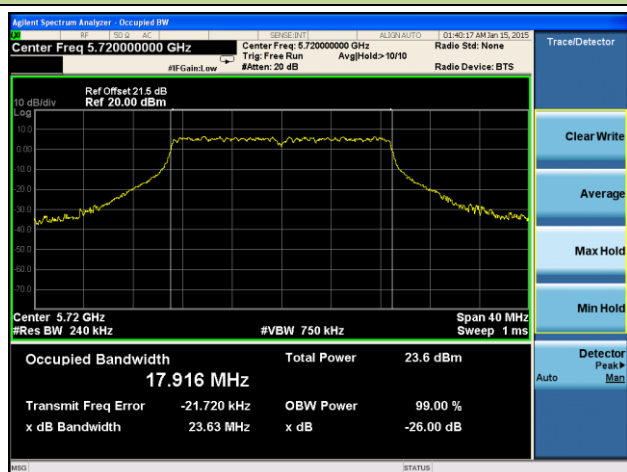
Channel 120 (5600MHz)



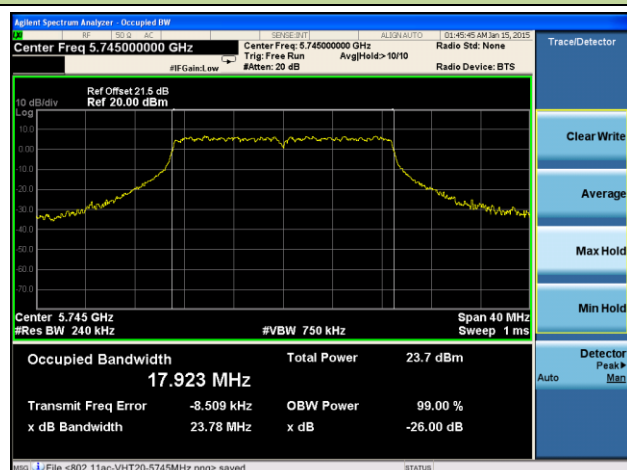
Channel 140 (5700MHz)



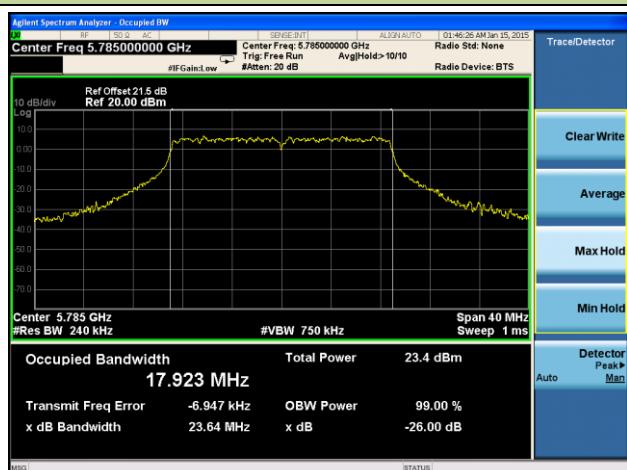
Channel 144 (5720MHz)



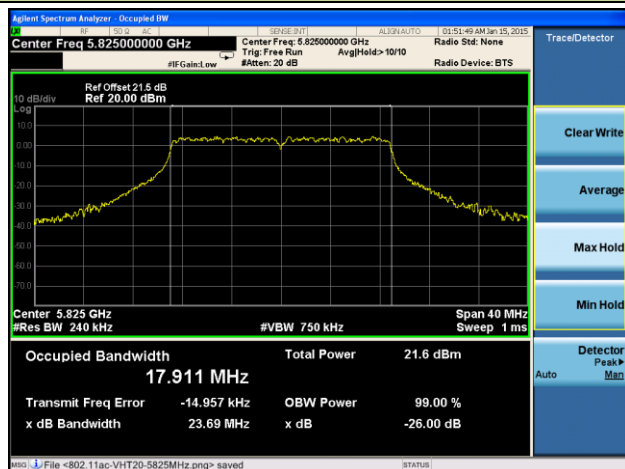
Channel 149 (5745MHz)



Channel 157 (5785MHz)

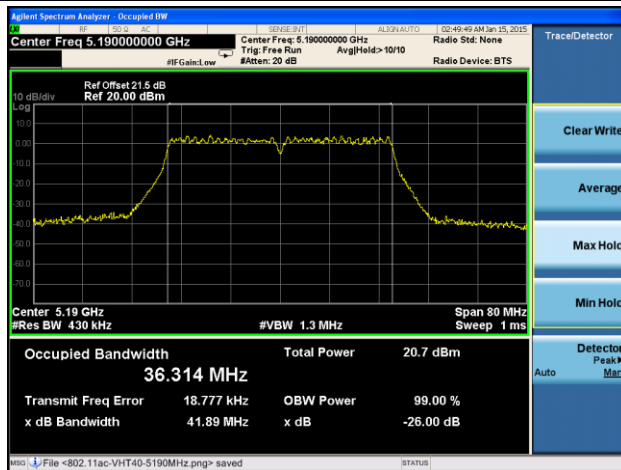


Channel 165 (5825MHz)

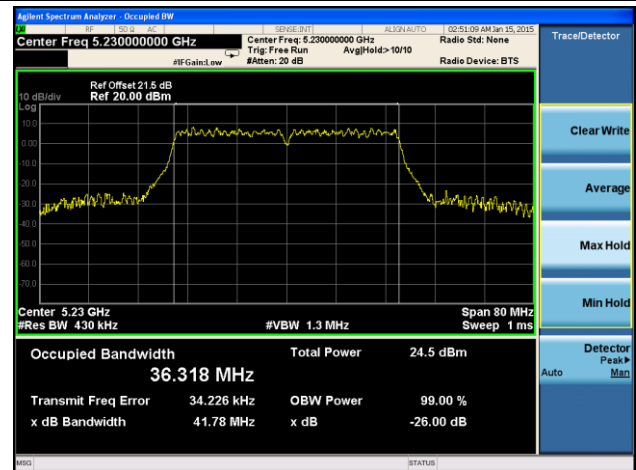


802.11ac-VHT40 26dB Bandwidth & 99% Bandwidth - Ant 3 / Ant 0 + 1 + 2 + 3

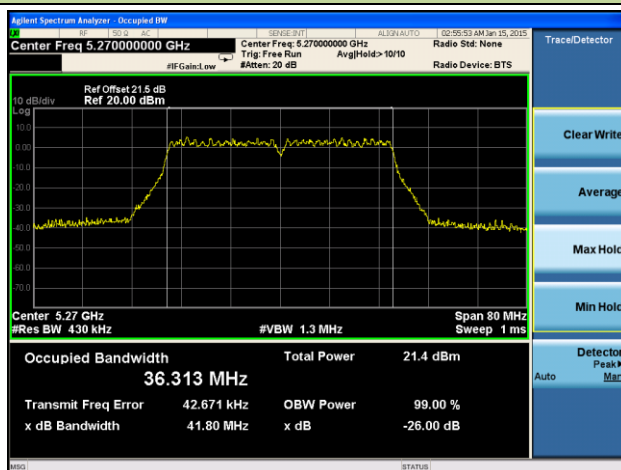
Channel 38 (5190MHz)



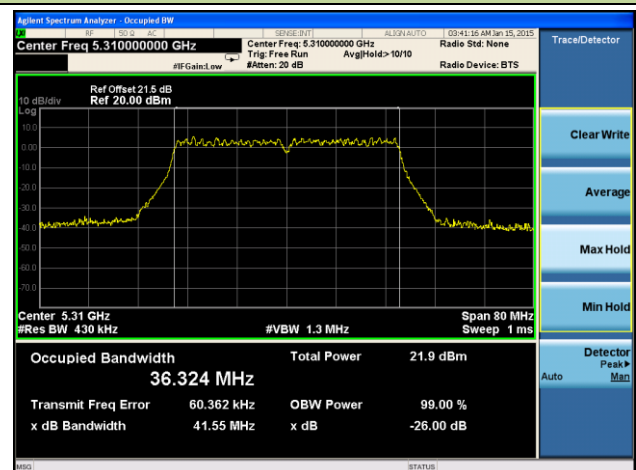
Channel 46 (5230MHz)



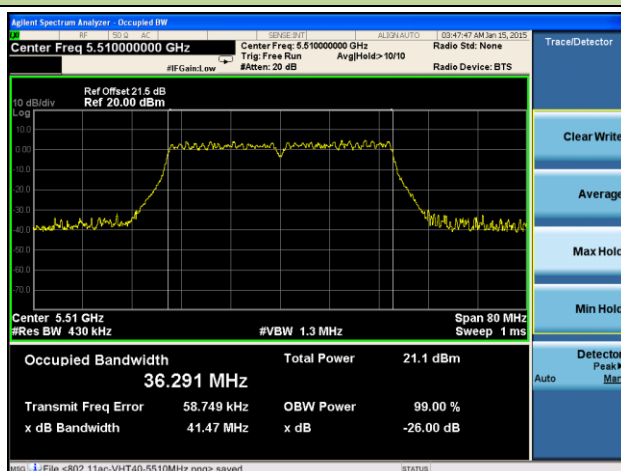
Channel 54 (5270MHz)



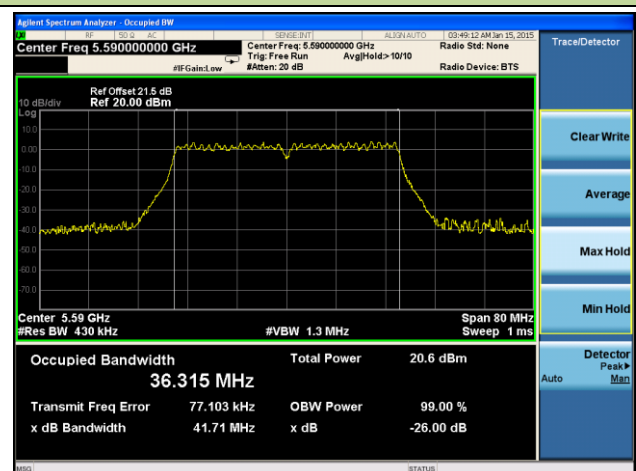
Channel 62 (5310MHz)



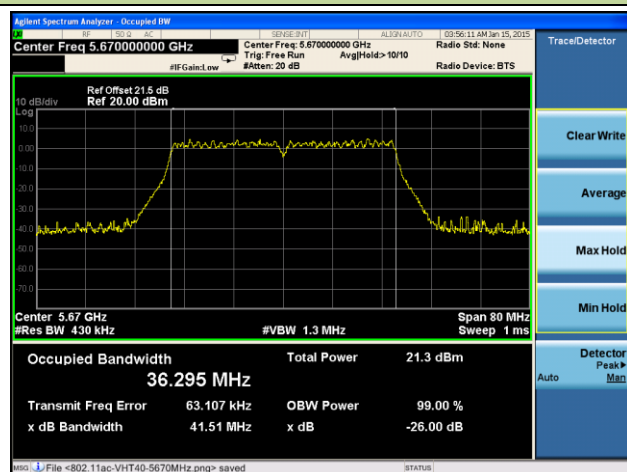
Channel 102 (5510MHz)



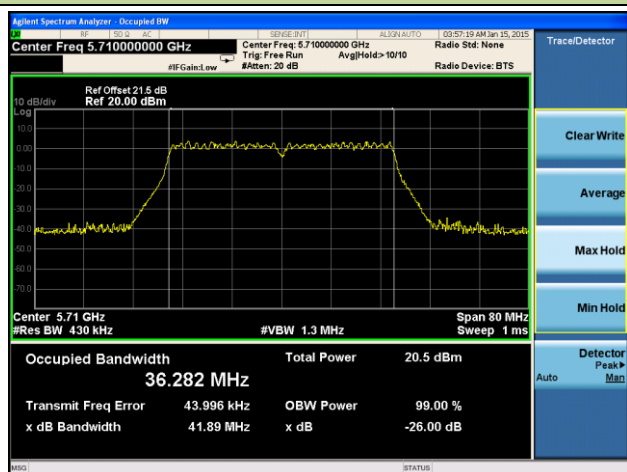
Channel 118 (5590MHz)



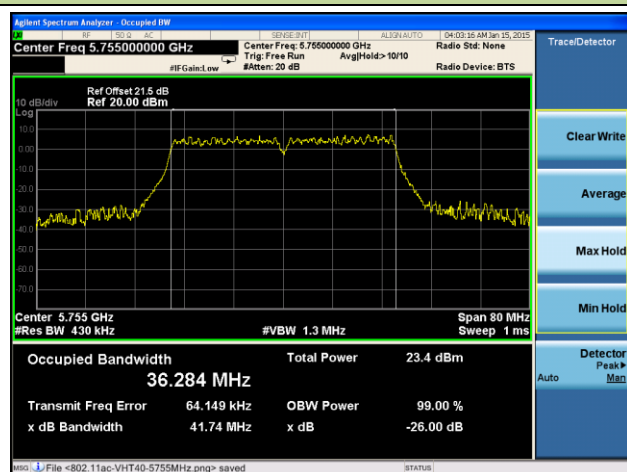
Channel 134 (5670MHz)



Channel 142 (5710MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)

