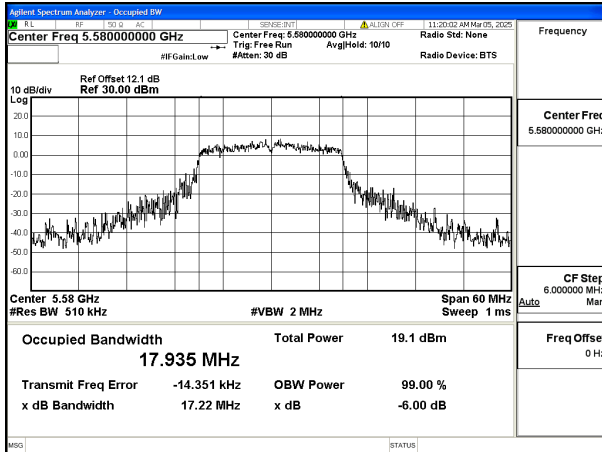




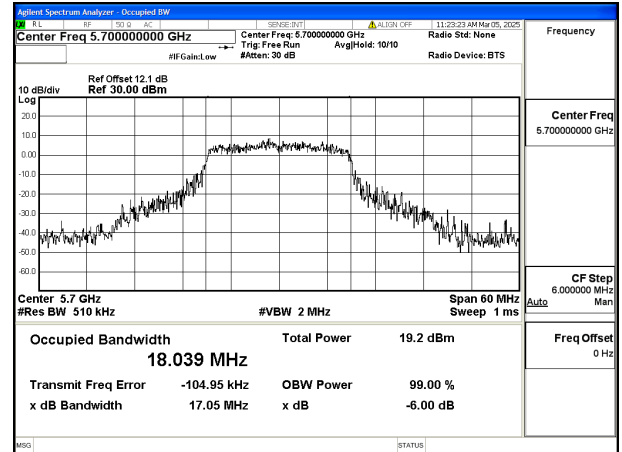
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Test Report No.: PSU-NQN2503250110RF02



Mode:802.11n HT20 Frequency:5580MHz

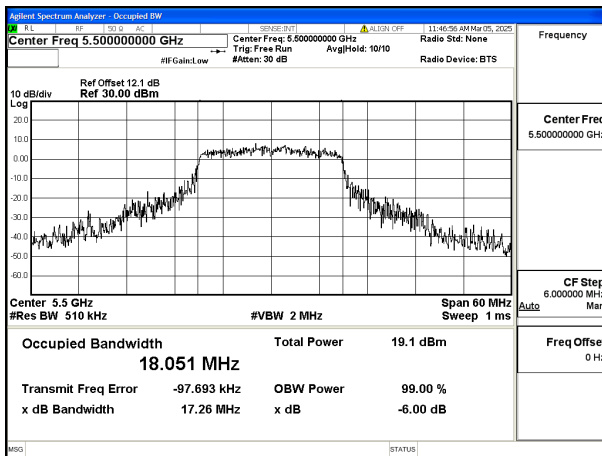
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Mode:802.11n HT20 Frequency:5700MHz

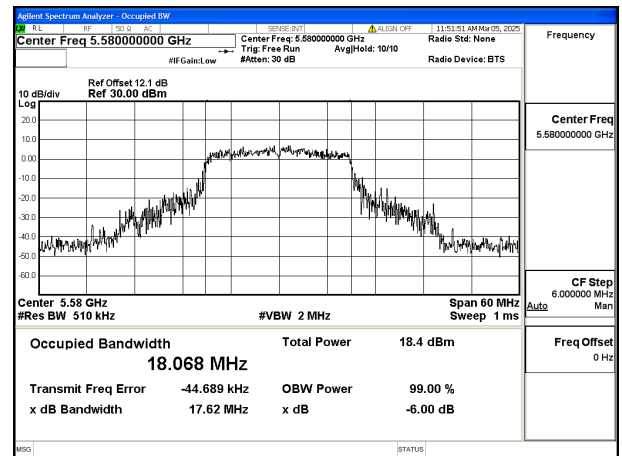
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Test Mode: 802.11ac VHT20



Mode:802.11ac VHT20 Frequency:5500MHz

Ant:Chain0

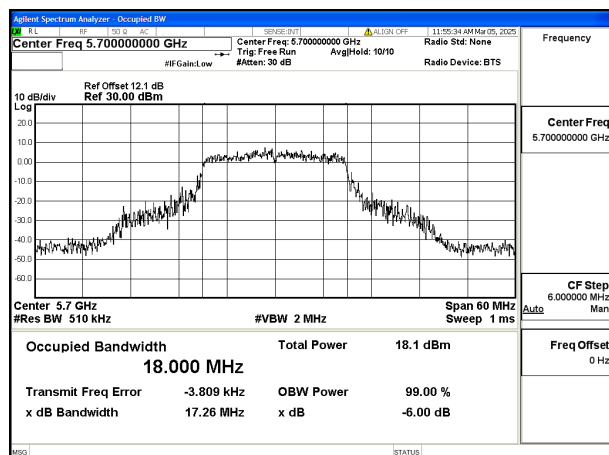


Mode:802.11ac VHT20 Frequency:5580MHz

Ant:Chain0

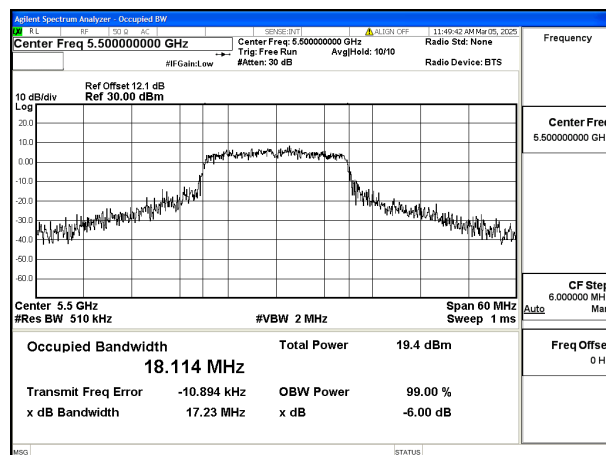


Test Report No.: PSU-NQN2503250110RF02



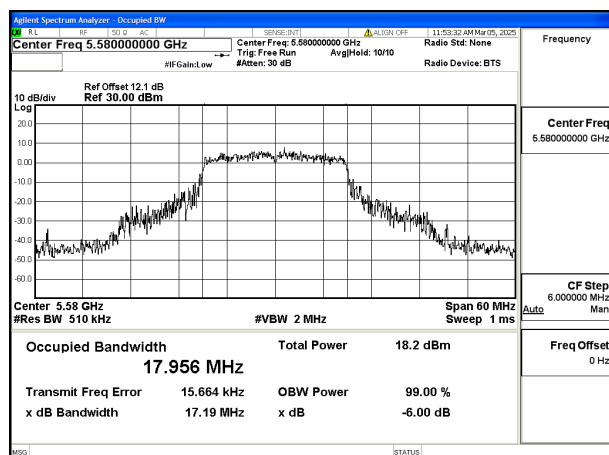
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Ant:Chain0



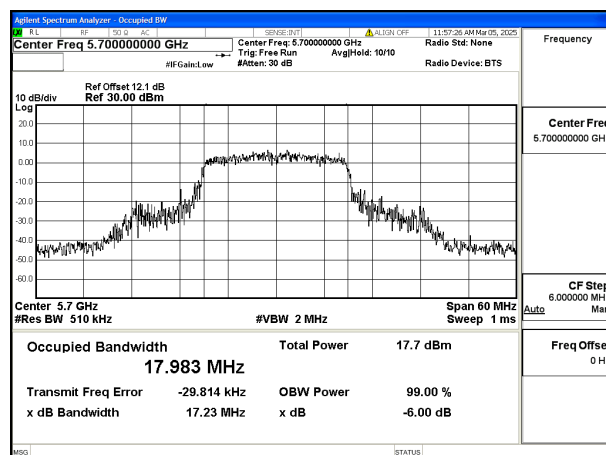
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Ant:Chain1



Mode:802.11ac VHT20 Frequency:5580MHz

Ant:Chain1



Mode:802.11ac VHT20 Frequency:5700MHz

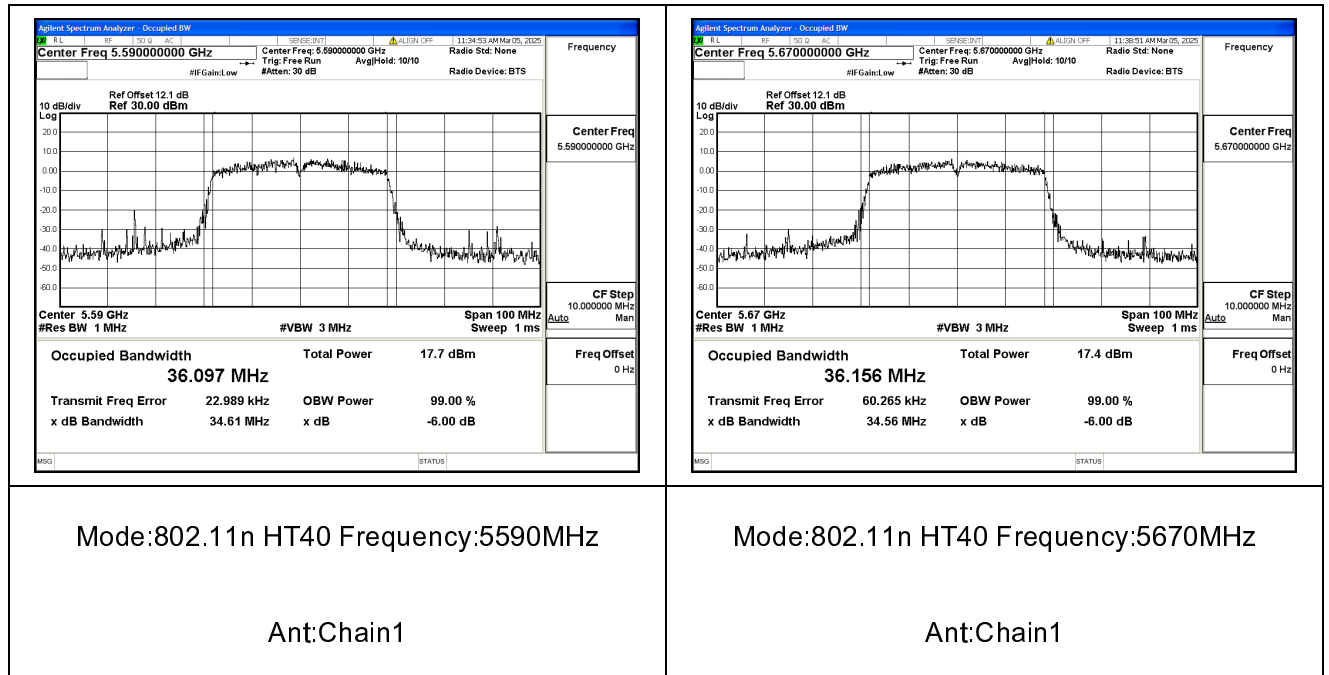
Ant:Chain1



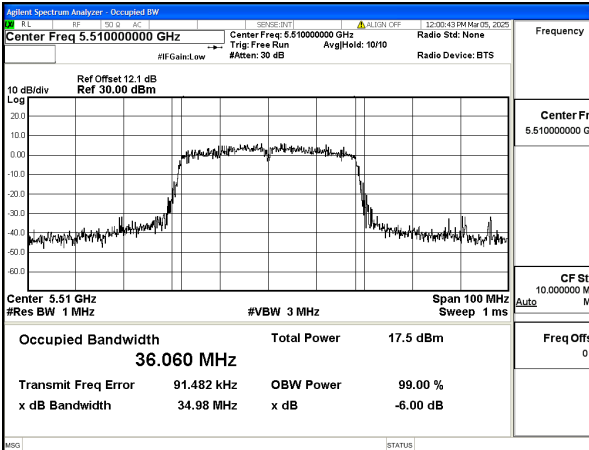
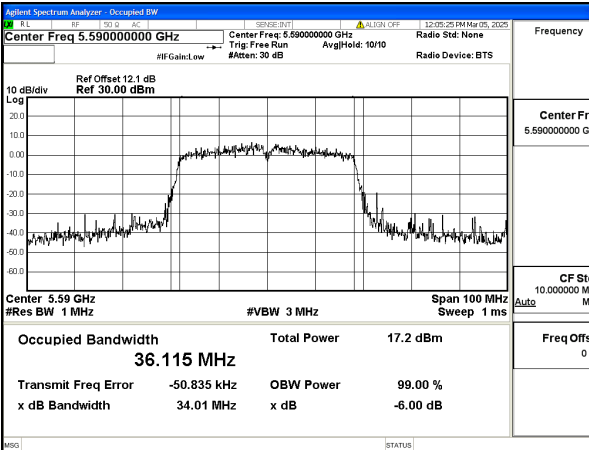
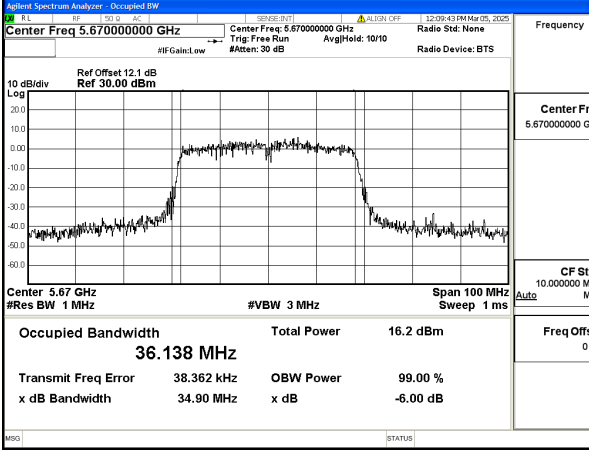
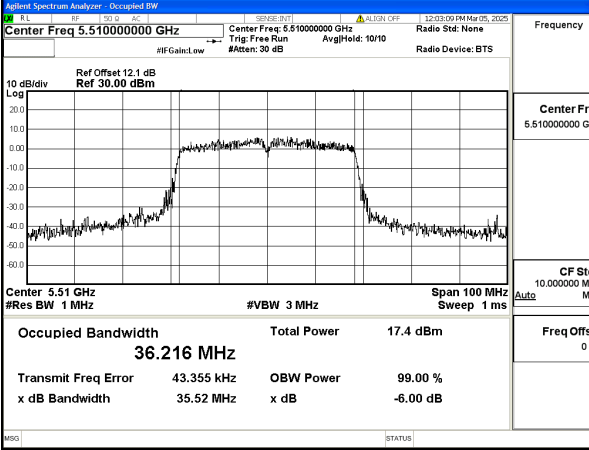
Test Report No.: PSU-NQN2503250110RF02

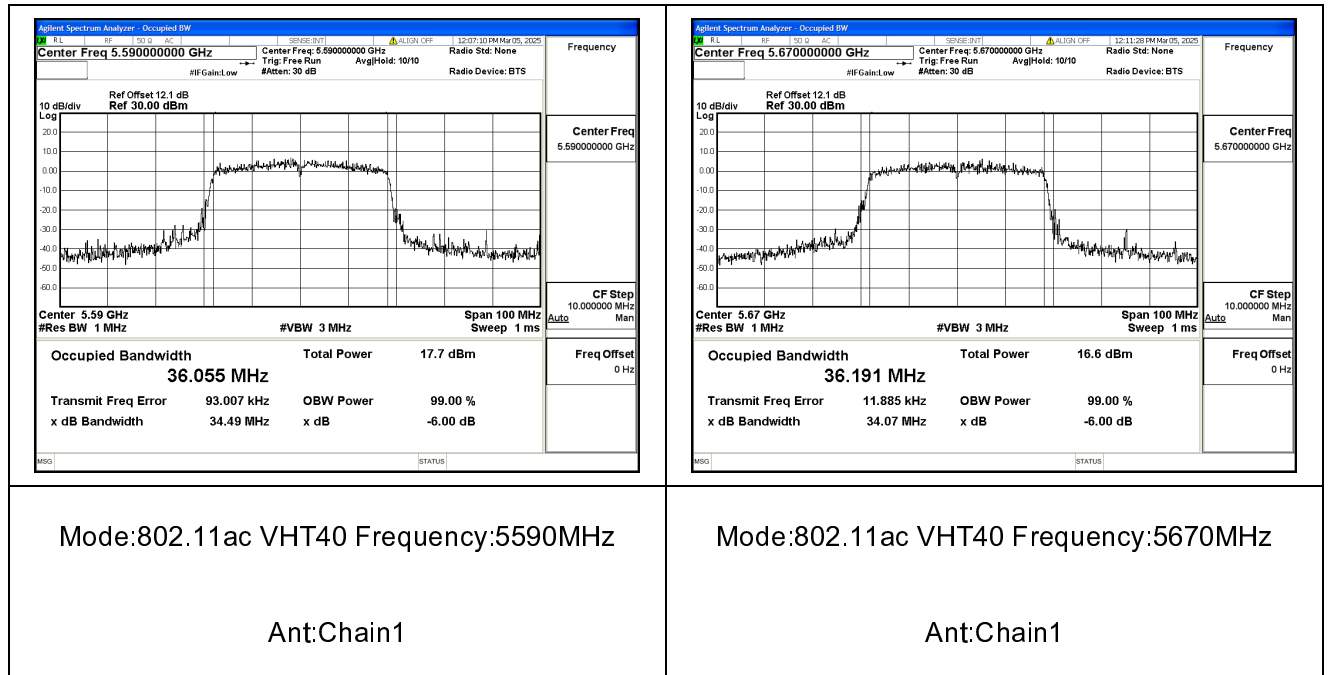
Test Mode: 802.11n HT40

<div><div>Agilent Spectrum Analyzer - Occupied BW</div><div><div>Center Freq 5.510000000 GHz</div><div>Ref Offset 12.1 dB Ref 30.00 dBm</div><div></div><div><div>Center Freq 5.51 GHz</div><div>#Res BW 1 MHz</div><div>#VBW 3 MHz</div><div>Span 100 MHz</div><div>Sweep 1 ms</div><div>Auto2</div><div>Man</div></div><div><div>Occupied Bandwidth</div><div>36.000 MHz</div><div>Total Power</div><div>17.5 dBm</div><div>Transmit Freq Error</div><div>115.86 kHz</div><div>OBW Power</div><div>99.00 %</div><div>x dB Bandwidth</div><div>35.23 MHz</div><div>x dB</div><div>-6.00 dB</div></div><div><div>Frequency</div><div>Center Freq 5.510000000 GHz</div><div>CF Step 10.000000 MHz</div><div>Freq Offset 0 Hz</div></div></div></div>	<div><div>Agilent Spectrum Analyzer - Occupied BW</div><div><div>Center Freq 5.590000000 GHz</div><div>Ref Offset 12.1 dB Ref 30.00 dBm</div><div></div><div><div>Center Freq 5.59 GHz</div><div>#Res BW 1 MHz</div><div>#VBW 3 MHz</div><div>Span 100 MHz</div><div>Sweep 1 ms</div><div>Auto</div><div>Man</div></div><div><div>Occupied Bandwidth</div><div>35.996 MHz</div><div>Total Power</div><div>17.4 dBm</div><div>Transmit Freq Error</div><div>-16.336 kHz</div><div>OBW Power</div><div>99.00 %</div><div>x dB Bandwidth</div><div>34.03 MHz</div><div>x dB</div><div>-6.00 dB</div></div><div><div>Frequency</div><div>Center Freq 5.590000000 GHz</div><div>CF Step 10.000000 MHz</div><div>Freq Offset 0 Hz</div></div></div></div>
Mode:802.11n HT40 Frequency:5510MHz	Mode:802.11n HT40 Frequency:5590MHz
Ant:Chain0	Ant:Chain0
<div><div>Agilent Spectrum Analyzer - Occupied BW</div><div><div>Center Freq 5.670000000 GHz</div><div>Ref Offset 12.1 dB Ref 30.00 dBm</div><div></div><div><div>Center Freq 5.67 GHz</div><div>#Res BW 1 MHz</div><div>#VBW 3 MHz</div><div>Span 100 MHz</div><div>Sweep 1 ms</div><div>Auto2</div><div>Man</div></div><div><div>Occupied Bandwidth</div><div>36.033 MHz</div><div>Total Power</div><div>17.7 dBm</div><div>Transmit Freq Error</div><div>-65.342 kHz</div><div>OBW Power</div><div>99.00 %</div><div>x dB Bandwidth</div><div>35.41 MHz</div><div>x dB</div><div>-6.00 dB</div></div><div><div>Frequency</div><div>Center Freq 5.670000000 GHz</div><div>CF Step 10.000000 MHz</div><div>Freq Offset 0 Hz</div></div></div></div>	<div><div>Agilent Spectrum Analyzer - Occupied BW</div><div><div>Center Freq 5.510000000 GHz</div><div>Ref Offset 12.1 dB Ref 30.00 dBm</div><div></div><div><div>Center Freq 5.51 GHz</div><div>#Res BW 1 MHz</div><div>#VBW 3 MHz</div><div>Span 100 MHz</div><div>Sweep 1 ms</div><div>Auto</div><div>Man</div></div><div><div>Occupied Bandwidth</div><div>35.902 MHz</div><div>Total Power</div><div>17.3 dBm</div><div>Transmit Freq Error</div><div>222.18 kHz</div><div>OBW Power</div><div>99.00 %</div><div>x dB Bandwidth</div><div>34.86 MHz</div><div>x dB</div><div>-6.00 dB</div></div><div><div>Frequency</div><div>Center Freq 5.510000000 GHz</div><div>CF Step 10.000000 MHz</div><div>Freq Offset 0 Hz</div></div></div></div>
Mode:802.11n HT40 Frequency:5670MHz	Mode:802.11n HT40 Frequency:5510MHz
Ant:Chain0	Ant:Chain1



Test Mode: 802.11ac VHT40

 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.510000000 GHz</p> <p>Ref Offset 12.1 dB Ref 30.00 dBm</p> <p>Center Freq 5.51 GHz #Res BW 1 MHz #VBW 3 MHz Span 100 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 36.060 MHz Total Power 17.5 dBm</p> <p>Transmit Freq Error 91.482 kHz OBW Power 99.00 % x dB Bandwidth 34.98 MHz x dB -6.00 dB</p>	 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.590000000 GHz</p> <p>Ref Offset 12.1 dB Ref 30.00 dBm</p> <p>Center Freq 5.59 GHz #Res BW 1 MHz #VBW 3 MHz Span 100 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 36.115 MHz Total Power 17.2 dBm</p> <p>Transmit Freq Error -50.835 kHz OBW Power 99.00 % x dB Bandwidth 34.01 MHz x dB -6.00 dB</p>
<p>Mode:802.11ac VHT40 Frequency:5510MHz</p> <p>Ant:Chain0</p>	<p>Mode:802.11ac VHT40 Frequency:5590MHz</p> <p>Ant:Chain0</p>
 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.670000000 GHz</p> <p>Ref Offset 12.1 dB Ref 30.00 dBm</p> <p>Center Freq 5.67 GHz #Res BW 1 MHz #VBW 3 MHz Span 100 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 36.138 MHz Total Power 16.2 dBm</p> <p>Transmit Freq Error 38.362 kHz OBW Power 99.00 % x dB Bandwidth 34.90 MHz x dB -6.00 dB</p>	 <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.510000000 GHz</p> <p>Ref Offset 12.1 dB Ref 30.00 dBm</p> <p>Center Freq 5.51 GHz #Res BW 1 MHz #VBW 3 MHz Span 100 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 36.216 MHz Total Power 17.4 dBm</p> <p>Transmit Freq Error 43.355 kHz OBW Power 99.00 % x dB Bandwidth 35.52 MHz x dB -6.00 dB</p>
<p>Mode:802.11ac VHT40 Frequency:5670MHz</p> <p>Ant:Chain0</p>	<p>Mode:802.11ac VHT40 Frequency:5510MHz</p> <p>Ant:Chain1</p>





Test Report No.: PSU-NQN2503250110RF02

Test Mode: 802.11ac VHT80

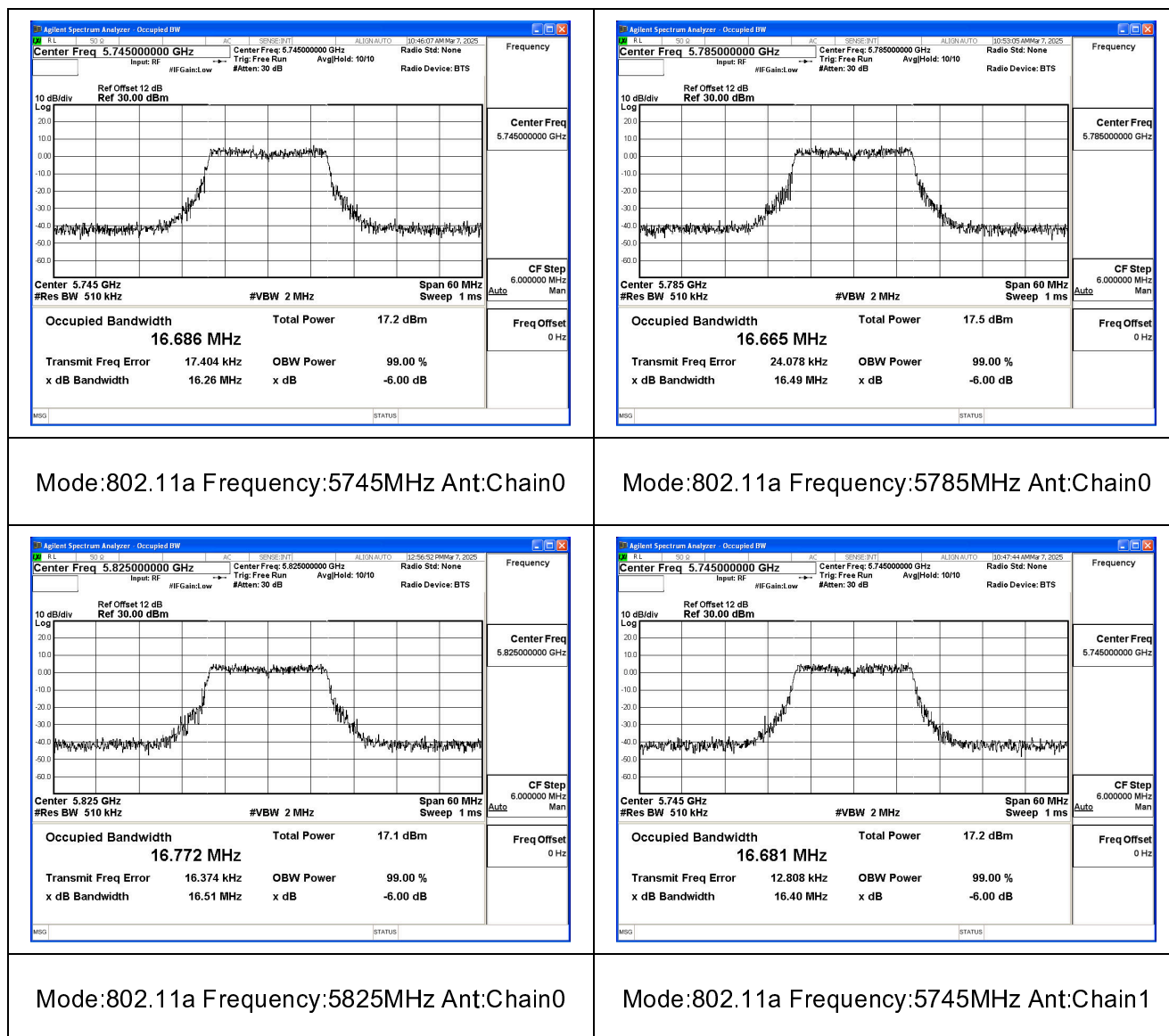
<div><div>Agilent Spectrum Analyzer - Occupied BW</div><div><div>Center Freq 5.530000000 GHz</div><div>Ref Offset 12.1 dB Ref 30.00 dBm</div><div></div><div><div>Center 5.53 GHz</div><div>#Res BW 2 MHz</div><div>#VBW 6 MHz</div><div>Span 200 MHz</div><div>Sweep 1 ms</div><div>Auto2</div><div>Man</div></div><div><div>Occupied Bandwidth</div><div>75.917 MHz</div><div>Total Power</div><div>15.6 dBm</div><div>Transmit Freq Error</div><div>-81.484 kHz</div><div>OBW Power</div><div>99.00 %</div><div>x dB Bandwidth</div><div>74.82 MHz</div><div>x dB</div><div>-6.00 dB</div></div><div><div>Frequency</div><div>Center Freq 5.530000000 GHz</div><div>CF Step 20.000000 MHz</div><div>Freq Offset 0 Hz</div></div></div></div> <div><div>Mode:802.11ac VHT80 Frequency:5530MHz</div><div>Ant:Chain0</div></div>	<div><div>Agilent Spectrum Analyzer - Occupied BW</div><div><div>Center Freq 5.610000000 GHz</div><div>Ref Offset 12.1 dB Ref 30.00 dBm</div><div></div><div><div>Center 5.61 GHz</div><div>#Res BW 2 MHz</div><div>#VBW 6 MHz</div><div>Span 200 MHz</div><div>Sweep 1 ms</div><div>Auto</div><div>Man</div></div><div><div>Occupied Bandwidth</div><div>75.815 MHz</div><div>Total Power</div><div>16.6 dBm</div><div>Transmit Freq Error</div><div>29.135 kHz</div><div>OBW Power</div><div>99.00 %</div><div>x dB Bandwidth</div><div>73.84 MHz</div><div>x dB</div><div>-6.00 dB</div></div><div><div>Frequency</div><div>Center Freq 5.610000000 GHz</div><div>CF Step 20.000000 MHz</div><div>Freq Offset 0 Hz</div></div></div><div><div>Mode:802.11ac VHT80 Frequency:5610MHz</div><div>Ant:Chain0</div></div></div>
<div><div>Agilent Spectrum Analyzer - Occupied BW</div><div><div>Center Freq 5.530000000 GHz</div><div>Ref Offset 12.1 dB Ref 30.00 dBm</div><div></div><div><div>Center 5.53 GHz</div><div>#Res BW 2 MHz</div><div>#VBW 6 MHz</div><div>Span 200 MHz</div><div>Sweep 1 ms</div><div>Auto2</div><div>Man</div></div><div><div>Occupied Bandwidth</div><div>75.646 MHz</div><div>Total Power</div><div>15.9 dBm</div><div>Transmit Freq Error</div><div>4.581 kHz</div><div>OBW Power</div><div>99.00 %</div><div>x dB Bandwidth</div><div>75.00 MHz</div><div>x dB</div><div>-6.00 dB</div></div><div><div>Frequency</div><div>Center Freq 5.530000000 GHz</div><div>CF Step 20.000000 MHz</div><div>Freq Offset 0 Hz</div></div></div><div><div>Mode:802.11ac VHT80 Frequency:5530MHz</div><div>Ant:Chain1</div></div></div>	<div><div>Agilent Spectrum Analyzer - Occupied BW</div><div><div>Center Freq 5.610000000 GHz</div><div>Ref Offset 12.1 dB Ref 30.00 dBm</div><div></div><div><div>Center 5.61 GHz</div><div>#Res BW 2 MHz</div><div>#VBW 6 MHz</div><div>Span 200 MHz</div><div>Sweep 1 ms</div><div>Auto</div><div>Man</div></div><div><div>Occupied Bandwidth</div><div>75.559 MHz</div><div>Total Power</div><div>16.4 dBm</div><div>Transmit Freq Error</div><div>-60.096 kHz</div><div>OBW Power</div><div>99.00 %</div><div>x dB Bandwidth</div><div>73.66 MHz</div><div>x dB</div><div>-6.00 dB</div></div><div><div>Frequency</div><div>Center Freq 5.610000000 GHz</div><div>CF Step 20.000000 MHz</div><div>Freq Offset 0 Hz</div></div></div><div><div>Mode:802.11ac VHT80 Frequency:5610MHz</div><div>Ant:Chain1</div></div></div>

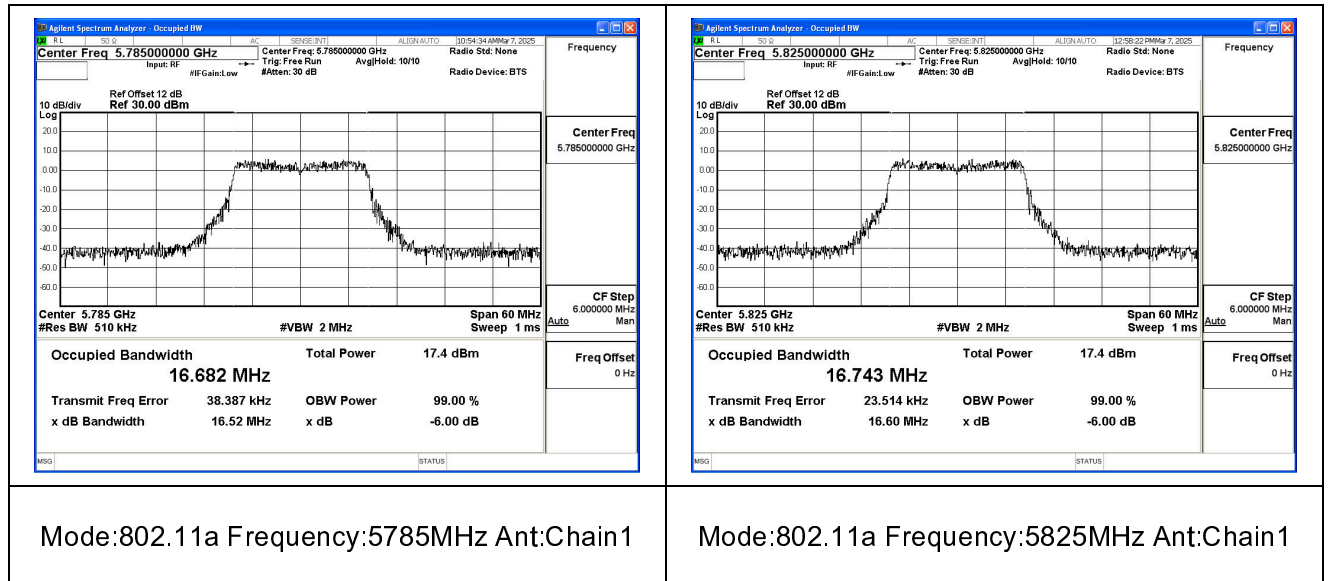


Test Report No.: PSU-NQN2503250110RF02

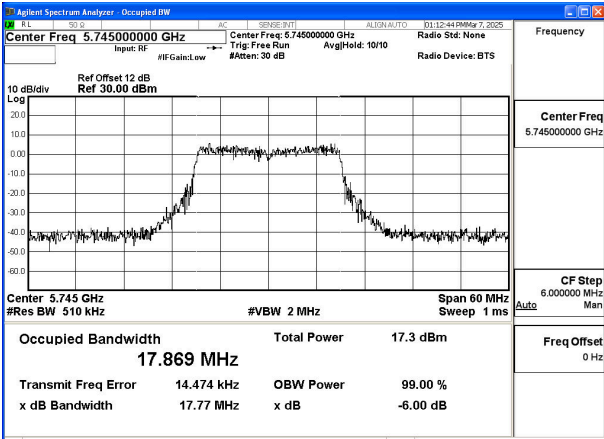
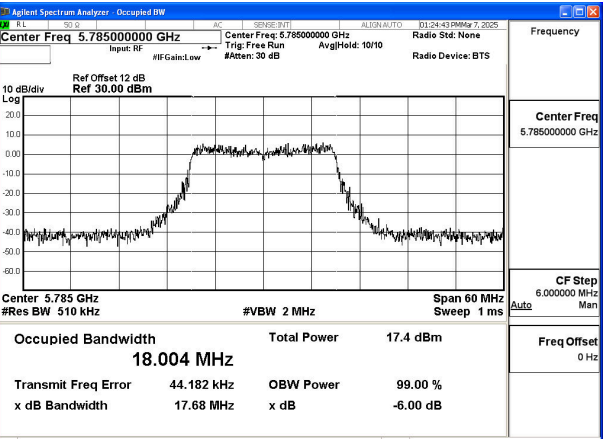
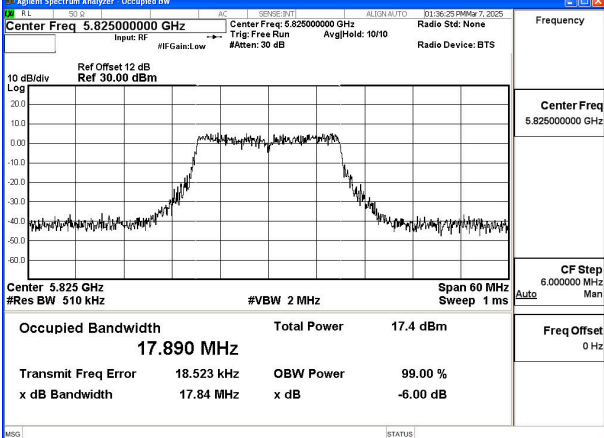
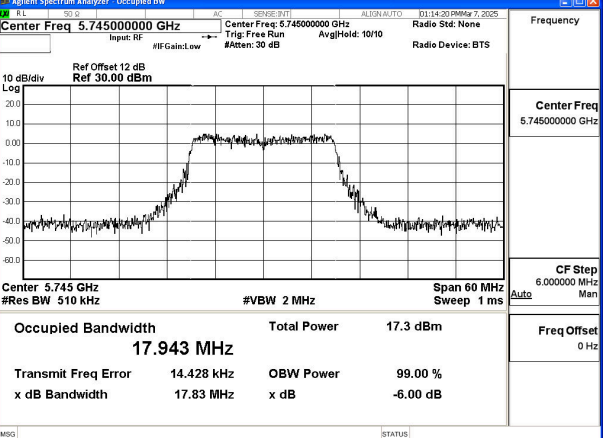
UNII-3

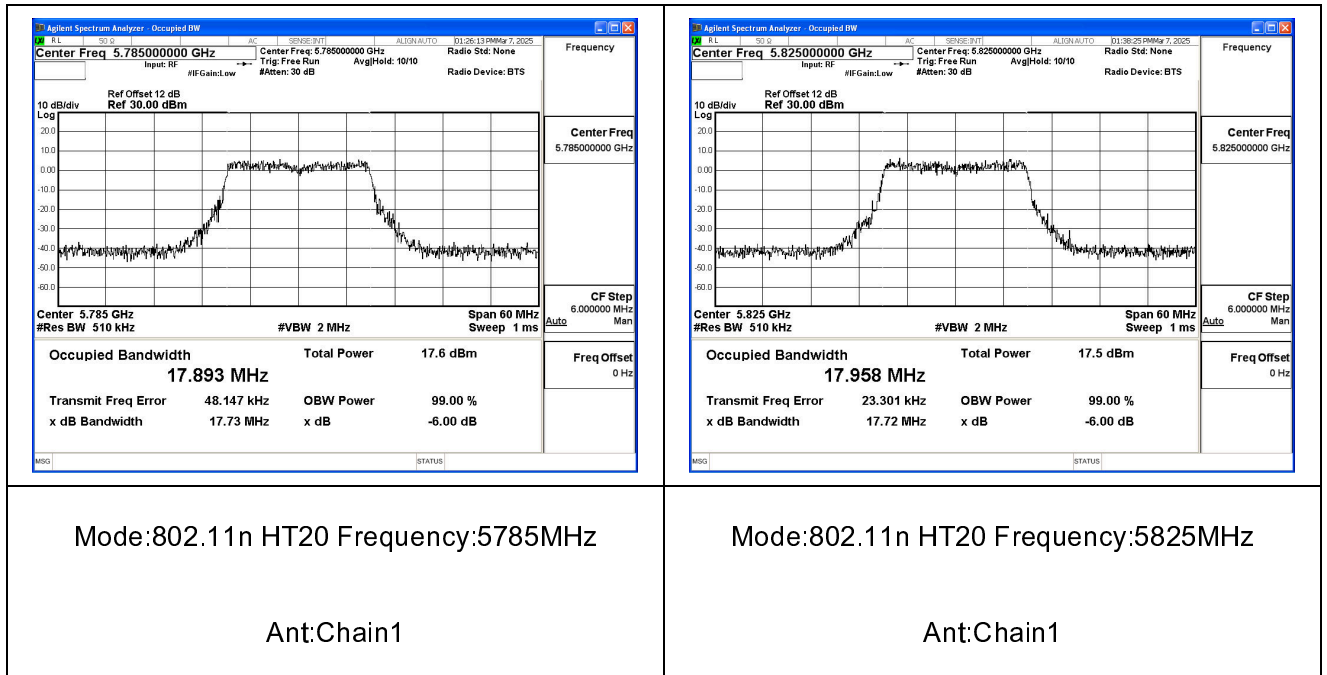
Test Mode: 802.11a



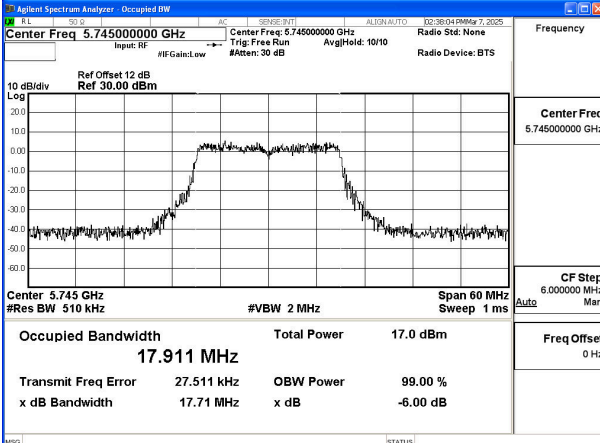
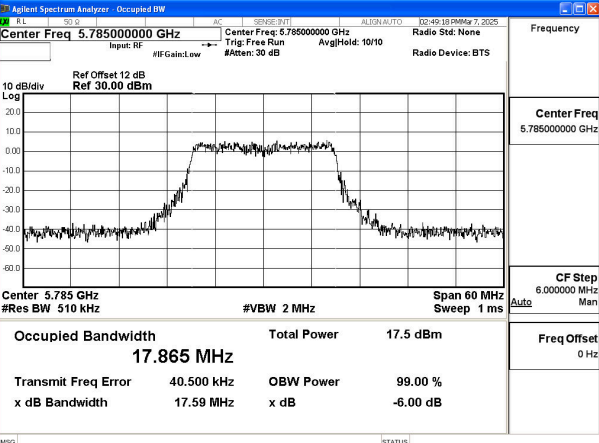
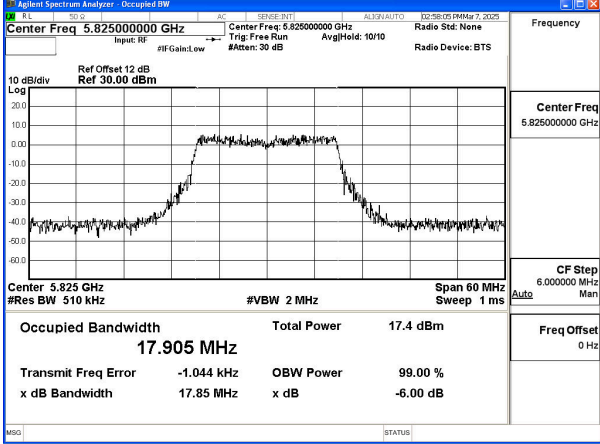
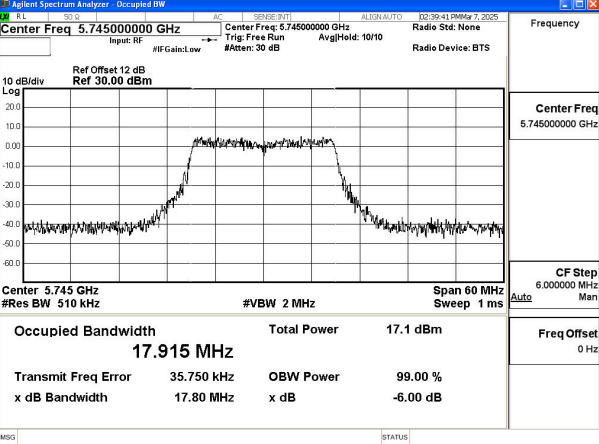


Test Mode: 802.11n HT20

 <p>Center Freq 5.745000000 GHz #Res BW 510 kHz #VBW 2 MHz Span 60 MHz Sweep 1 ms Occupied Bandwidth 17.869 MHz Total Power 17.3 dBm Transmit Freq Error 14.474 kHz OBW Power 99.00 % x dB Bandwidth 17.77 MHz x dB -6.00 dB</p>	 <p>Center Freq 5.785000000 GHz #Res BW 510 kHz #VBW 2 MHz Span 60 MHz Sweep 1 ms Occupied Bandwidth 18.004 MHz Total Power 17.4 dBm Transmit Freq Error 44.182 kHz OBW Power 99.00 % x dB Bandwidth 17.68 MHz x dB -6.00 dB</p>
<p>Mode:802.11n HT20 Frequency:5745MHz</p> <p>Ant:Chain0</p>	<p>Mode:802.11n HT20 Frequency:5785MHz</p> <p>Ant:Chain0</p>
 <p>Center Freq 5.825000000 GHz #Res BW 510 kHz #VBW 2 MHz Span 60 MHz Sweep 1 ms Occupied Bandwidth 17.890 MHz Total Power 17.4 dBm Transmit Freq Error 18.523 kHz OBW Power 99.00 % x dB Bandwidth 17.84 MHz x dB -6.00 dB</p>	 <p>Center Freq 5.745000000 GHz #Res BW 510 kHz #VBW 2 MHz Span 60 MHz Sweep 1 ms Occupied Bandwidth 17.943 MHz Total Power 17.3 dBm Transmit Freq Error 14.428 kHz OBW Power 99.00 % x dB Bandwidth 17.83 MHz x dB -6.00 dB</p>
<p>Mode:802.11n HT20 Frequency:5825MHz</p> <p>Ant:Chain0</p>	<p>Mode:802.11n HT20 Frequency:5745MHz</p> <p>Ant:Chain1</p>



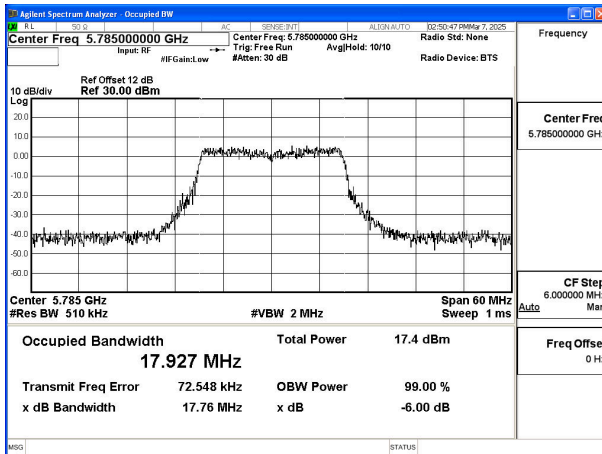
Test Mode: 802.11ac VHT20

 <p>Center Freq 5.745000000 GHz #Res BW 510 kHz #VBW 2 MHz Span 60 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 17.911 MHz Total Power 17.0 dBm Transmit Freq Error 27.511 kHz OBW Power 99.00 % x dB Bandwidth 17.71 MHz x dB -6.00 dB</p>	 <p>Center Freq 5.785000000 GHz #Res BW 510 kHz #VBW 2 MHz Span 60 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 17.865 MHz Total Power 17.5 dBm Transmit Freq Error 40.500 kHz OBW Power 99.00 % x dB Bandwidth 17.59 MHz x dB -6.00 dB</p>
<p>Mode:802.11ac VHT20 Frequency:5745MHz</p> <p>Ant:Chain0</p>	<p>Mode:802.11ac VHT20 Frequency:5785MHz</p> <p>Ant:Chain0</p>
 <p>Center Freq 5.825000000 GHz #Res BW 510 kHz #VBW 2 MHz Span 60 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 17.905 MHz Total Power 17.4 dBm Transmit Freq Error -1.044 kHz OBW Power 99.00 % x dB Bandwidth 17.85 MHz x dB -6.00 dB</p>	 <p>Center Freq 5.745000000 GHz #Res BW 510 kHz #VBW 2 MHz Span 60 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 17.915 MHz Total Power 17.1 dBm Transmit Freq Error 35.750 kHz OBW Power 99.00 % x dB Bandwidth 17.80 MHz x dB -6.00 dB</p>
<p>Mode:802.11ac VHT20 Frequency:5825MHz</p> <p>Ant:Chain0</p>	<p>Mode:802.11ac VHT20 Frequency:5745MHz</p> <p>Ant:Chain1</p>



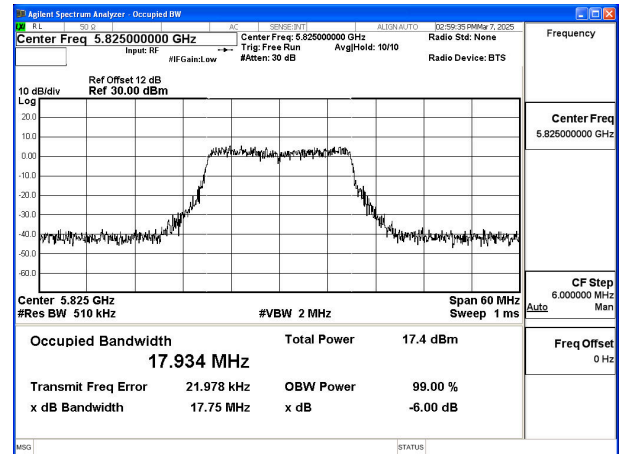
BUREAU
VERITAS

Test Report No.: PSU-NQN2503250110RF02



Mode:802.11ac VHT20 Frequency:5785MHz

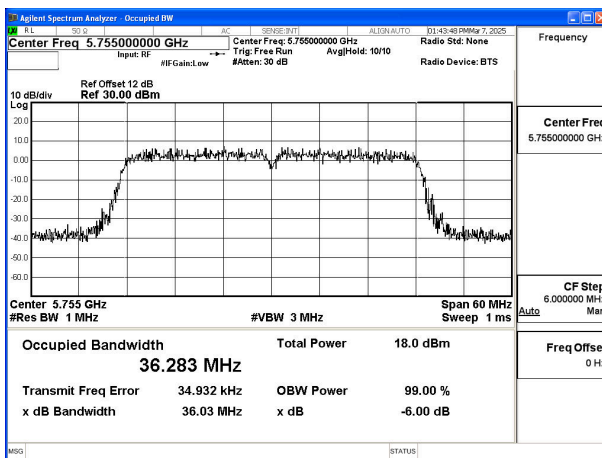
Ant:Chain1



Mode:802.11ac VHT20 Frequency:5825MHz

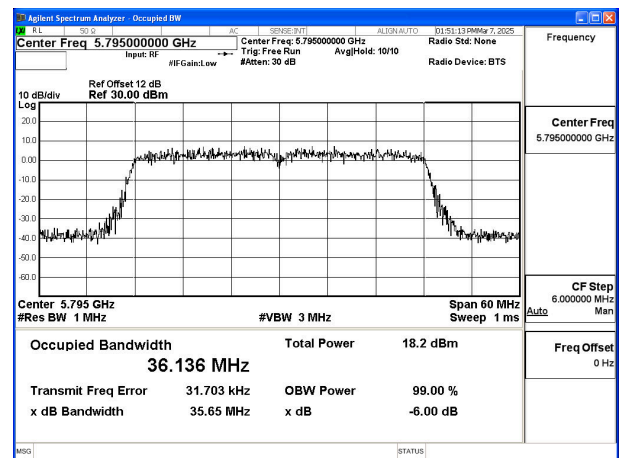
Ant:Chain1

Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:5755MHz

Ant:Chain0



Mode:802.11n HT40 Frequency:5795MHz

Ant:Chain0

