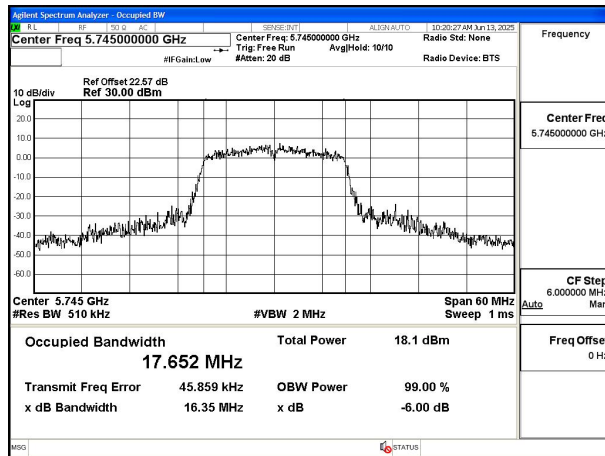




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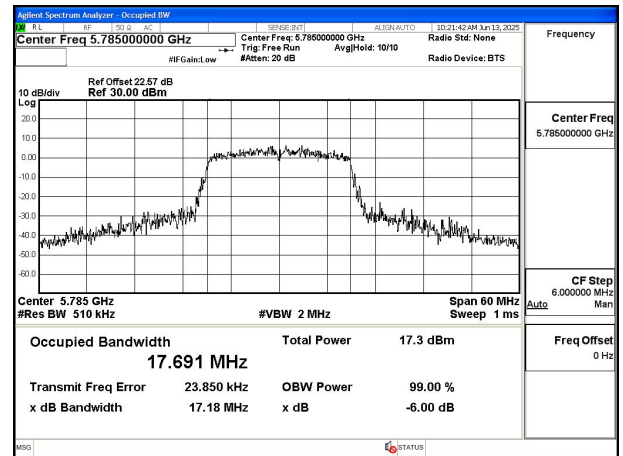
Test Report No.: PSU-NQN2506100110RF03

Test Mode: 802.11n HT20



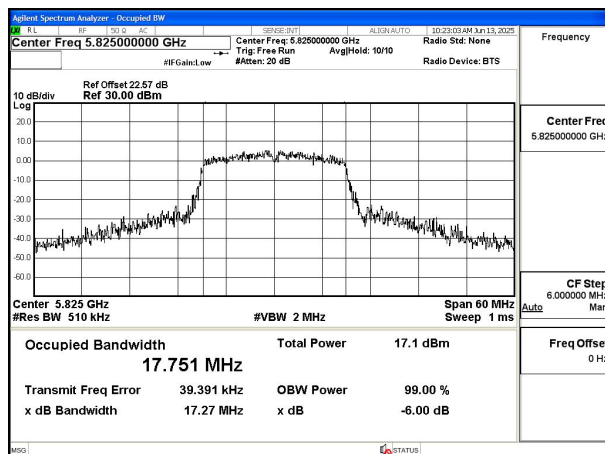
Mode:802.11n HT20 Frequency:5745MHz

Ant:Chain0



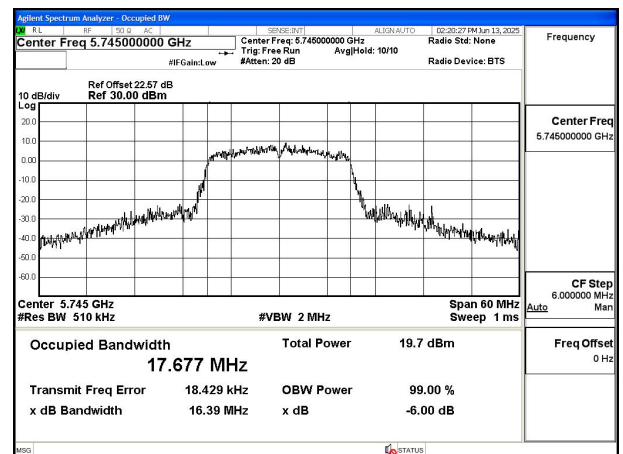
Mode:802.11n HT20 Frequency:5785MHz

Ant:Chain0



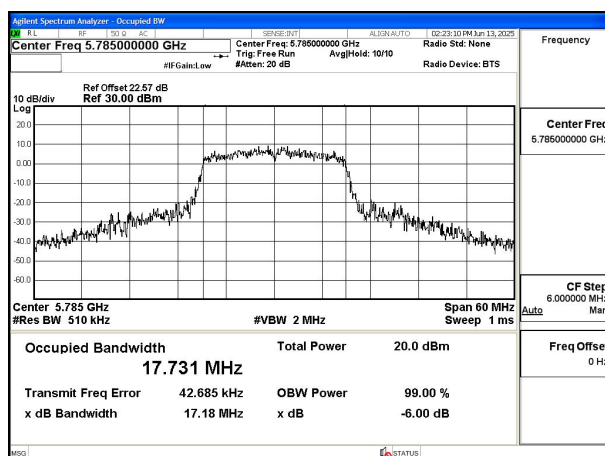
Mode:802.11n HT20 Frequency:5825MHz

Ant:Chain0



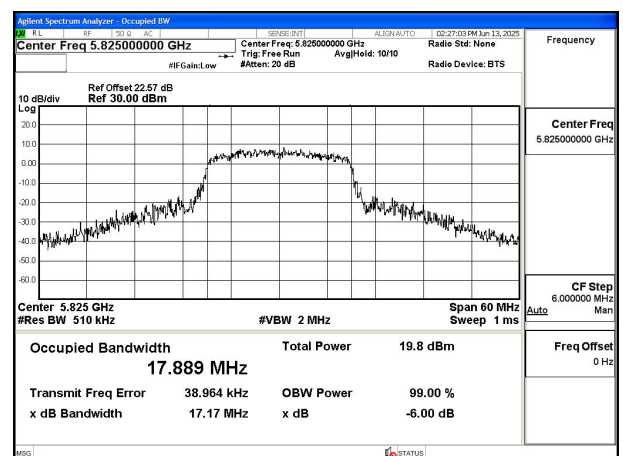
Mode:802.11n HT20 Frequency:5745MHz

Ant:Chain1



Mode:802.11n HT20 Frequency:5785MHz

Ant:Chain1



Mode:802.11n HT20 Frequency:5825MHz

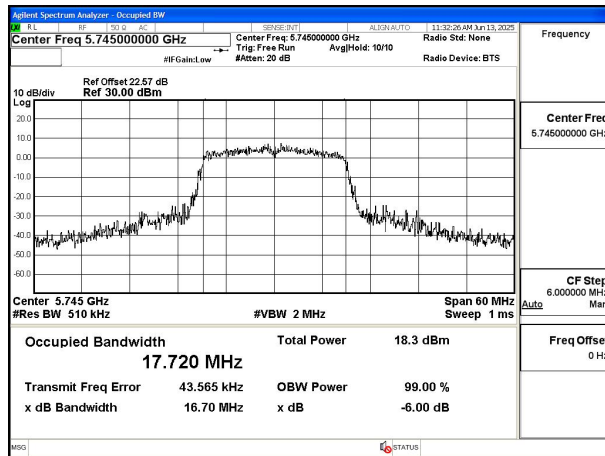
Ant:Chain1



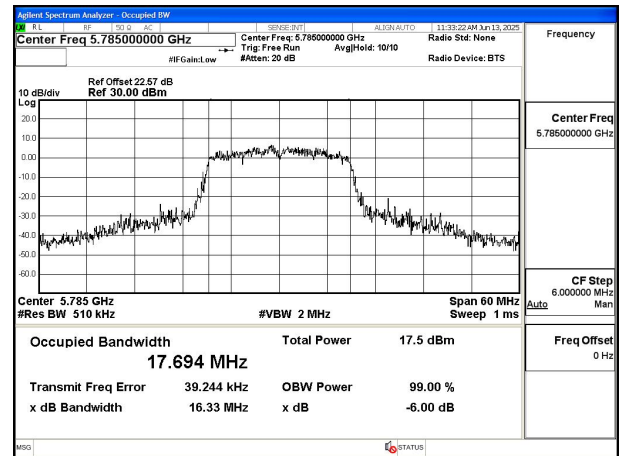
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Test Report No.: PSU-NQN2506100110RF03

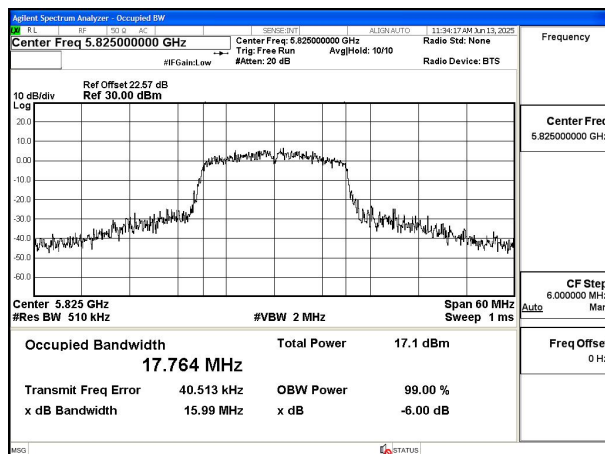
Test Mode: 802.11ac VHT20



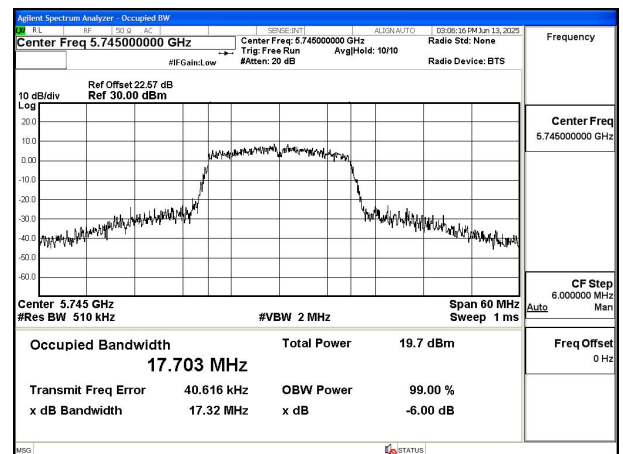
Mode:802.11ac VHT20 Frequency:5745MHz
Ant:Chain0



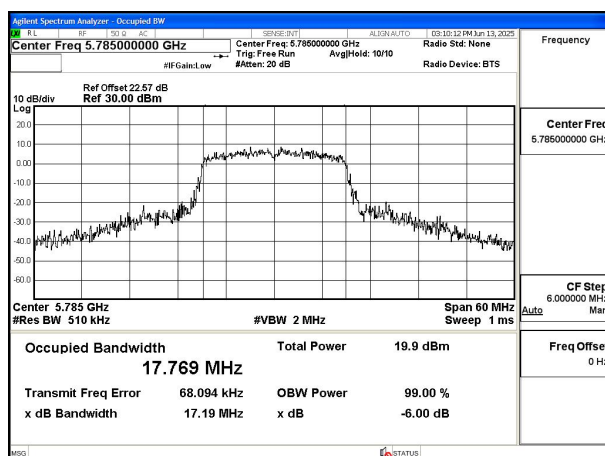
Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain0



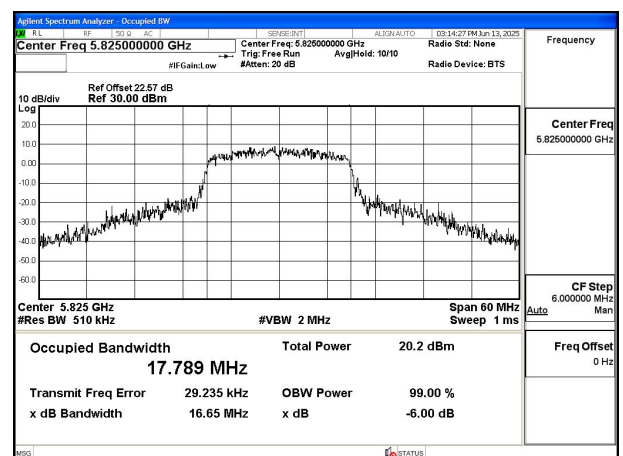
Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5745MHz
Ant:Chain1



Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain1



Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain1



Test Mode: 802.11n HT40

<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.755000000 GHz</p> <p>Ref Offset 22.57 dB</p> <p>Ref 30.00 dBm</p> <p>Center Freq 5.755000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Frequency</p> <p>Center Freq 5.755000000 GHz</p> <p>CF Step 6.000000 MHz</p> <p>Span 60 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 36.200 MHz</p> <p>Total Power 18.7 dBm</p> <p>Freq Offset 0 Hz</p> <p>Transmit Freq Error -10.754 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 35.83 MHz</p> <p>x dB -6.00 dB</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.795000000 GHz</p> <p>Ref Offset 22.57 dB</p> <p>Ref 30.00 dBm</p> <p>Center Freq 5.795000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Frequency</p> <p>Center Freq 5.795000000 GHz</p> <p>CF Step 6.000000 MHz</p> <p>Span 60 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 36.201 MHz</p> <p>Total Power 18.7 dBm</p> <p>Freq Offset 0 Hz</p> <p>Transmit Freq Error 57.465 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 35.71 MHz</p> <p>x dB -6.00 dB</p>
<p>Mode:802.11n HT40 Frequency:5755MHz</p> <p>Ant:Chain0</p>	<p>Mode:802.11n HT40 Frequency:5795MHz</p> <p>Ant:Chain0</p>
<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.755000000 GHz</p> <p>Ref Offset 22.57 dB</p> <p>Ref 30.00 dBm</p> <p>Center Freq 5.755000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Frequency</p> <p>Center Freq 5.755000000 GHz</p> <p>CF Step 6.000000 MHz</p> <p>Span 60 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 36.183 MHz</p> <p>Total Power 18.9 dBm</p> <p>Freq Offset 0 Hz</p> <p>Transmit Freq Error 48.745 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 34.79 MHz</p> <p>x dB -6.00 dB</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.795000000 GHz</p> <p>Ref Offset 22.57 dB</p> <p>Ref 30.00 dBm</p> <p>Center Freq 5.795000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Frequency</p> <p>Center Freq 5.795000000 GHz</p> <p>CF Step 6.000000 MHz</p> <p>Span 60 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 36.157 MHz</p> <p>Total Power 18.5 dBm</p> <p>Freq Offset 0 Hz</p> <p>Transmit Freq Error 13.347 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 34.50 MHz</p> <p>x dB -6.00 dB</p>
<p>Mode:802.11n HT40 Frequency:5755MHz</p> <p>Ant:Chain1</p>	<p>Mode:802.11n HT40 Frequency:5795MHz</p> <p>Ant:Chain1</p>

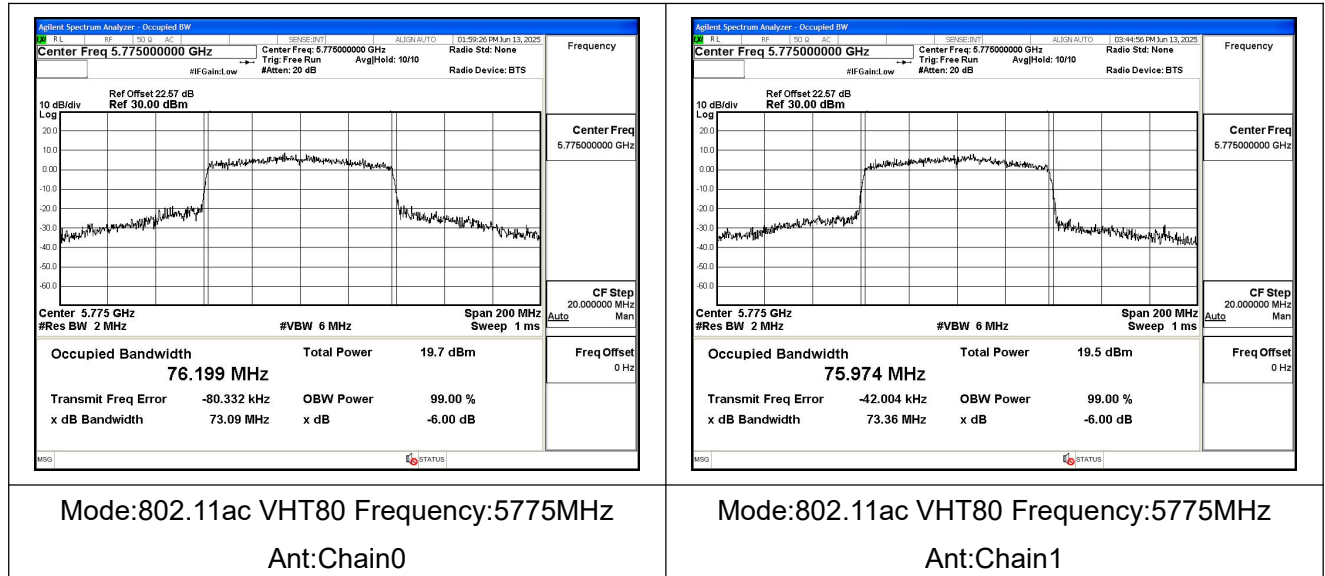


Test Mode: 802.11ac VHT40

<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.755000000 GHz</p> <p>Ref Offset 22.57 dB Ref 30.00 dBm</p> <p>Center Freq 5.755000000 GHz Span 100 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 36.232 MHz Total Power 19.4 dBm Transmit Freq Error 69.116 kHz OBW Power 99.00 % x dB Bandwidth 35.17 MHz x dB -6.00 dB</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.795000000 GHz</p> <p>Ref Offset 22.57 dB Ref 30.00 dBm</p> <p>Center Freq 5.795000000 GHz Span 100 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 36.402 MHz Total Power 19.2 dBm Transmit Freq Error 43.180 kHz OBW Power 99.00 % x dB Bandwidth 34.97 MHz x dB -6.00 dB</p>
<p>Mode:802.11ac VHT40 Frequency:5755MHz Ant:Chain0</p>	<p>Mode:802.11ac VHT40 Frequency:5795MHz Ant:Chain0</p>
<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.755000000 GHz</p> <p>Ref Offset 22.57 dB Ref 30.00 dBm</p> <p>Center Freq 5.755000000 GHz Span 100 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 36.223 MHz Total Power 19.8 dBm Transmit Freq Error 35.347 kHz OBW Power 99.00 % x dB Bandwidth 35.50 MHz x dB -6.00 dB</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.795000000 GHz</p> <p>Ref Offset 22.57 dB Ref 30.00 dBm</p> <p>Center Freq 5.795000000 GHz Span 100 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 36.236 MHz Total Power 19.2 dBm Transmit Freq Error -8.321 kHz OBW Power 99.00 % x dB Bandwidth 33.35 MHz x dB -6.00 dB</p>
<p>Mode:802.11ac VHT40 Frequency:5755MHz Ant:Chain1</p>	<p>Mode:802.11ac VHT40 Frequency:5795MHz Ant:Chain1</p>



Test Mode: 802.11ac VHT80





MIN EMISSION BANDWIDTH

TEST RESULT B4

Test Mode	Antenna	6dB Bandwidth (MHz)		
		5745MHz	5785MHz	5825MHz
802.11a	Chain0	16.06	15.12	16.36
802.11a	Chain1	15.15	16.34	15.04
802.11n HT20	Chain0	17.02	15.31	14.82
802.11n HT20	Chain1	17.49	17.21	16.96
802.11ac VHT20	Chain0	17.61	17.22	17.59
802.11ac VHT20	Chain1	17.24	17.60	13.76

Test Mode	Antenna	6dB Bandwidth (MHz)		
		5755MHz	---	5795MHz
802.11n HT40	Chain0	33.14	---	36.27
802.11n HT40	Chain1	32.22	---	26.26
802.11ac VHT40	Chain0	31.18	---	30.09
802.11ac VHT40	Chain1	34.13	---	33.55

Test Mode	Antenna	6dB Bandwidth (MHz)		
		5775MHz	---	---
802.11ac VHT80	Chain0	75.19	---	---
802.11ac VHT80	Chain1	71.24	---	---

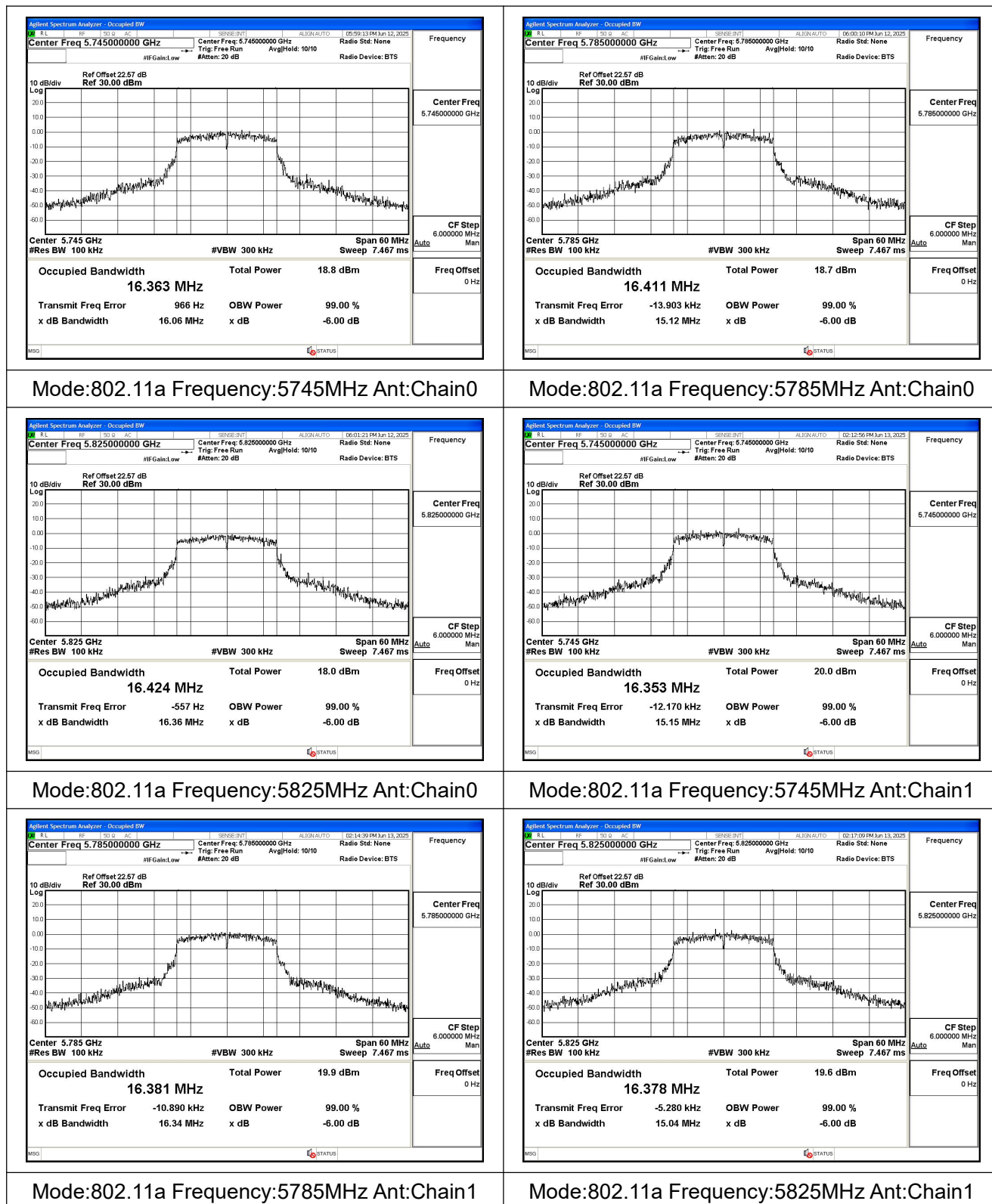


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Test Report No.: PSU-NQN2506100110RF03

TEST GRAPHS B4

Test Mode: 802.11a

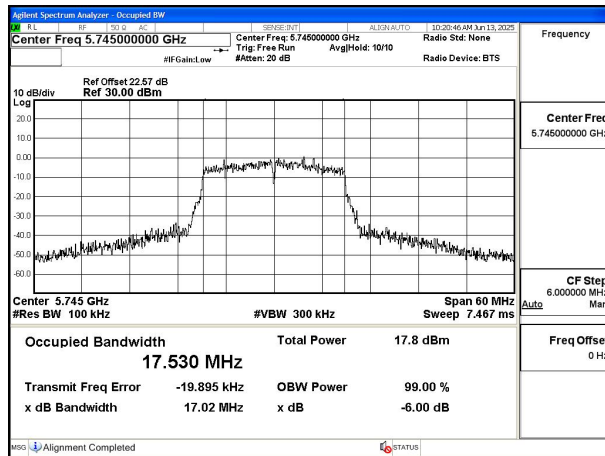




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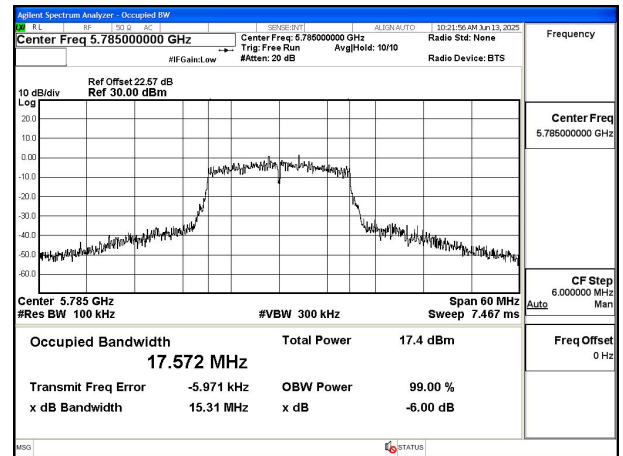
Test Report No.: PSU-NQN2506100110RF03

Test Mode: 802.11n HT20



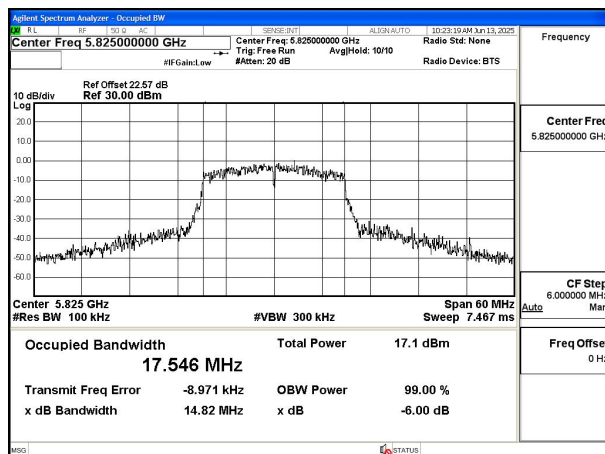
Mode:802.11n HT20 Frequency:5745MHz

Ant:Chain0



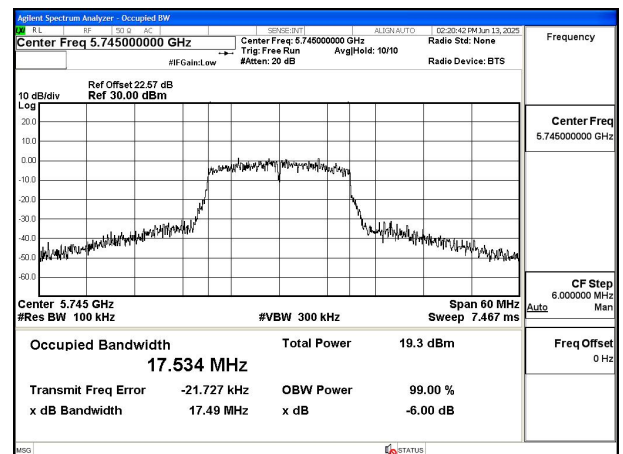
Mode:802.11n HT20 Frequency:5785MHz

Ant:Chain0



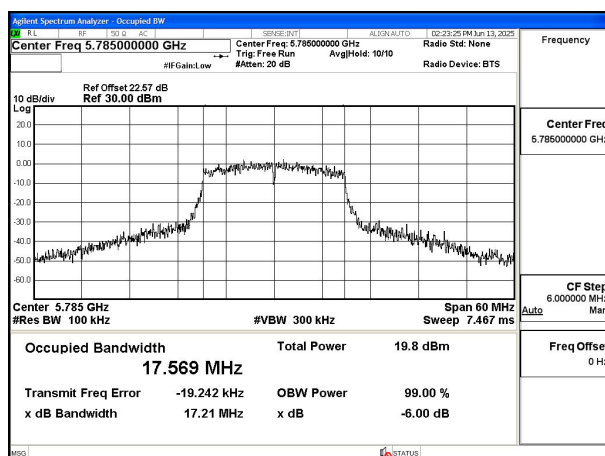
Mode:802.11n HT20 Frequency:5825MHz

Ant:Chain0



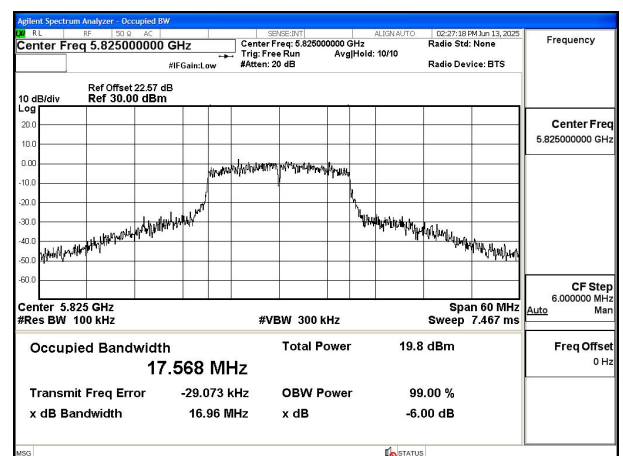
Mode:802.11n HT20 Frequency:5745MHz

Ant:Chain1



Mode:802.11n HT20 Frequency:5785MHz

Ant:Chain1



Mode:802.11n HT20 Frequency:5825MHz

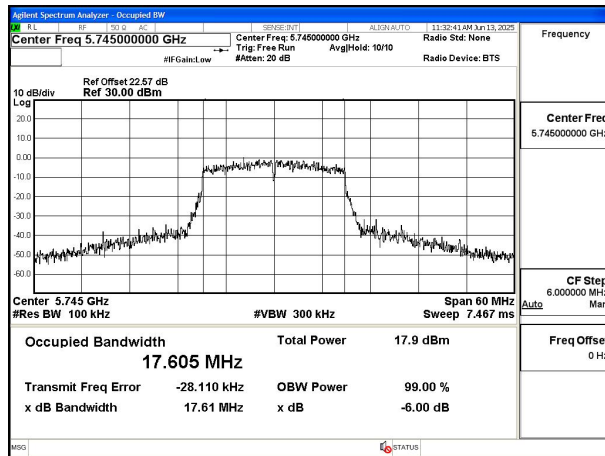
Ant:Chain1



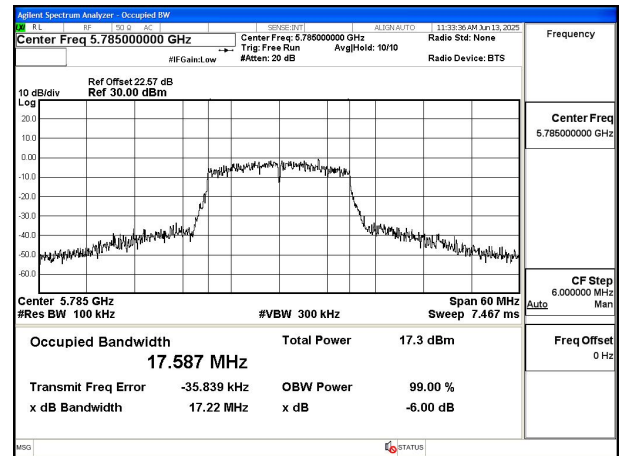
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Test Report No.: PSU-NQN2506100110RF03

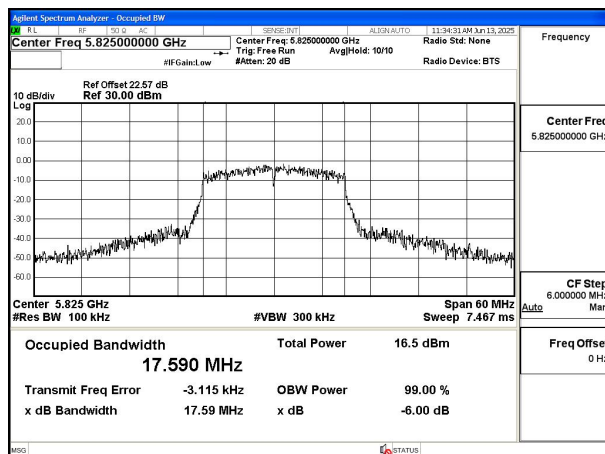
Test Mode: 802.11ac VHT20



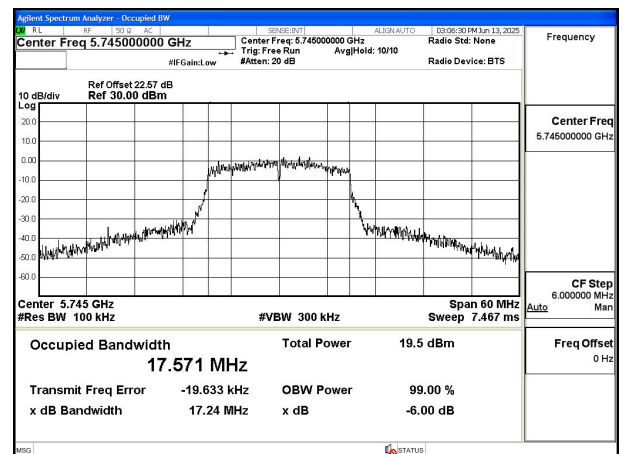
Mode:802.11ac VHT20 Frequency:5745MHz
Ant:Chain0



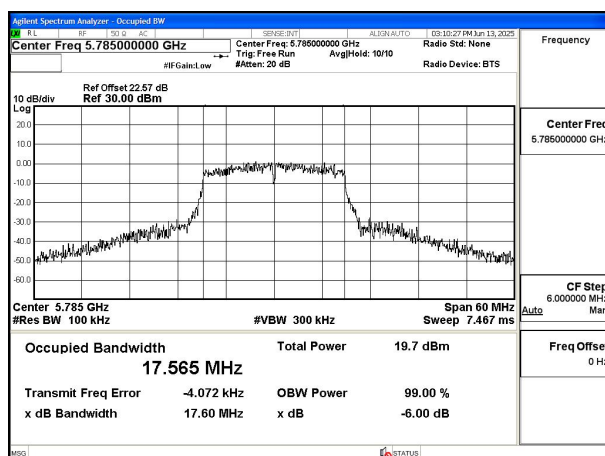
Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain0



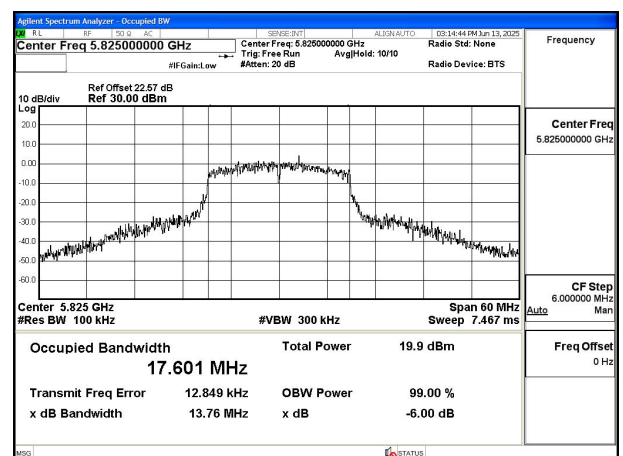
Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5745MHz
Ant:Chain1



Mode:802.11ac VHT20 Frequency:5785MHz
Ant:Chain1



Mode:802.11ac VHT20 Frequency:5825MHz
Ant:Chain1



Test Mode: 802.11n HT40

