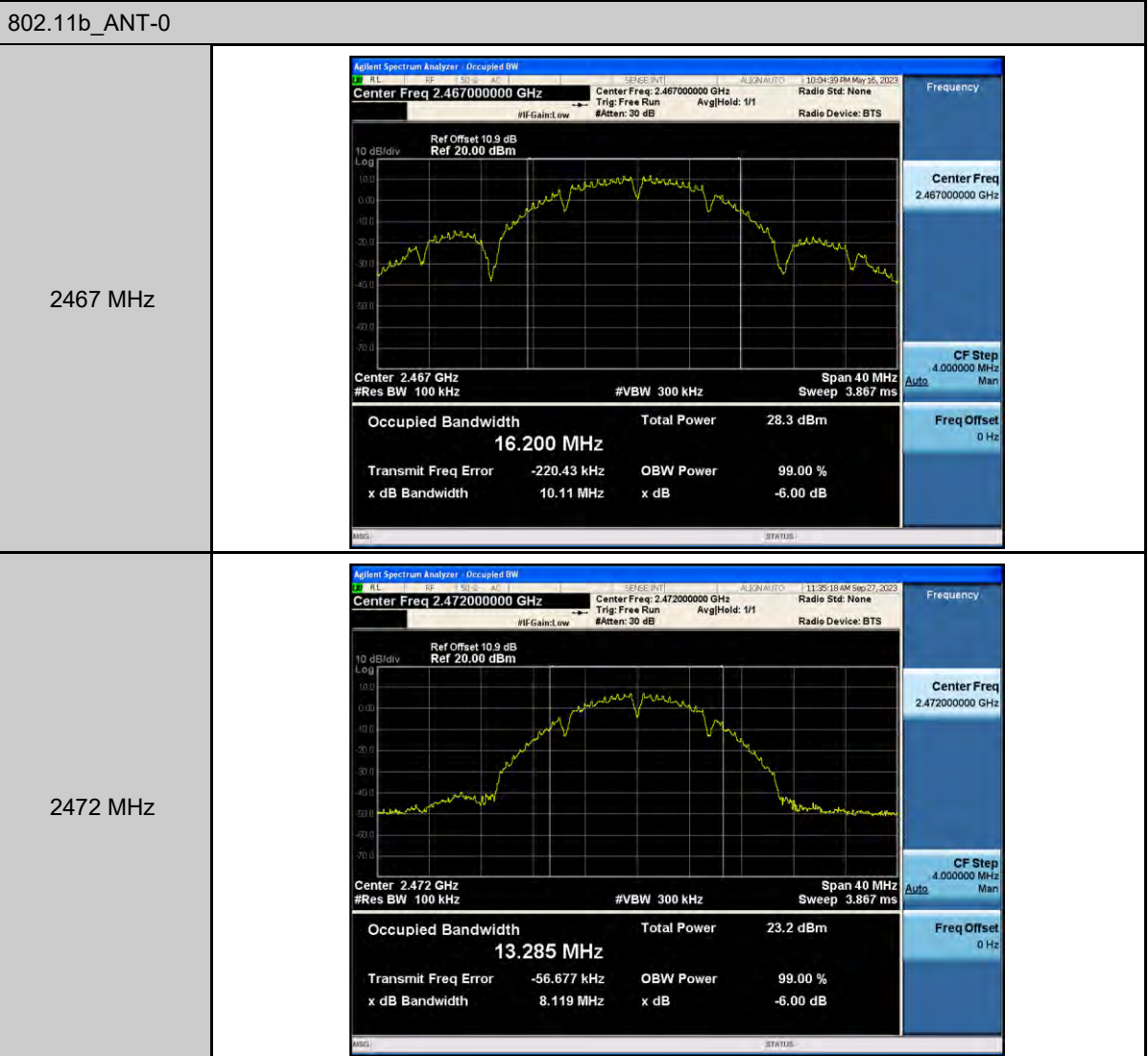


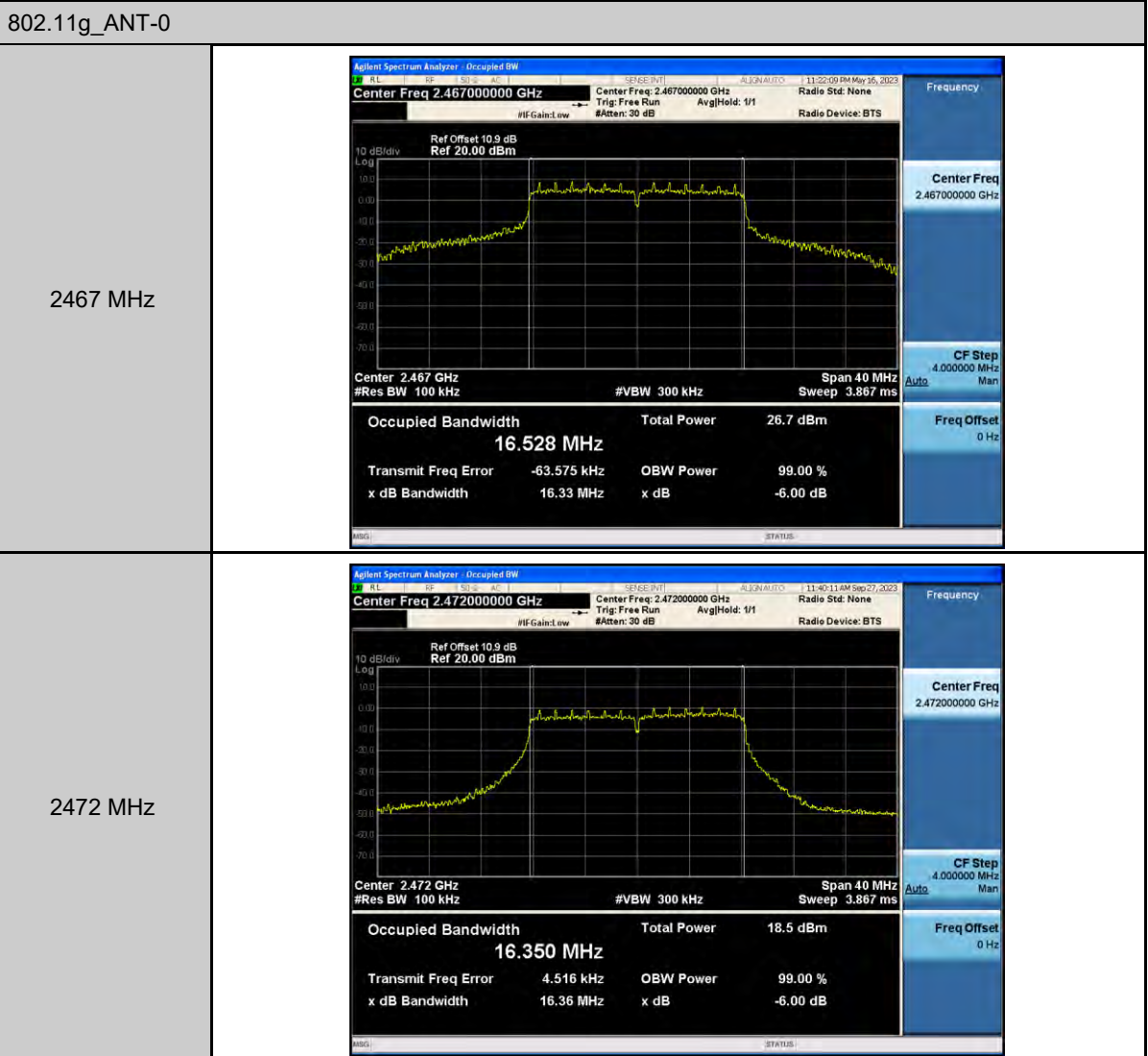
6 dB Bandwidth

802.11b_ANT-0

| | |
|-----------------|---|
| <p>2412 MHz</p> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.41200000 GHz</p> <p>Ref Offset 10.9 dB Ref 20.00 dBm</p> <p>Center 2.412 GHz #Res BW 100 kHz</p> <p>Occupied Bandwidth 14.708 MHz</p> <p>Total Power 30.2 dBm</p> <p>Transmit Freq Error 133.79 kHz</p> <p>x dB Bandwidth 9.180 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p> |
| <p>2437 MHz</p> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.43700000 GHz</p> <p>Ref Offset 10.9 dB Ref 20.00 dBm</p> <p>Center 2.437 GHz #Res BW 100 kHz</p> <p>Occupied Bandwidth 14.052 MHz</p> <p>Total Power 29.6 dBm</p> <p>Transmit Freq Error -133.61 kHz</p> <p>x dB Bandwidth 8.330 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p> |
| <p>2462 MHz</p> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.46200000 GHz</p> <p>Ref Offset 10.9 dB Ref 20.00 dBm</p> <p>Center 2.462 GHz #Res BW 100 kHz</p> <p>Occupied Bandwidth 16.390 MHz</p> <p>Total Power 28.4 dBm</p> <p>Transmit Freq Error -153.58 kHz</p> <p>x dB Bandwidth 10.01 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p> |



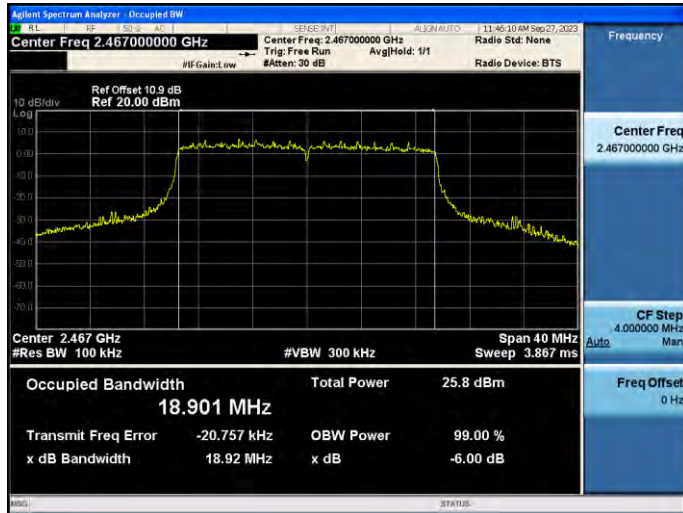
| 802.11g_ANT-0 | |
|---------------|--|
| 2412 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.412000000 GHz</p> <p>Center Freq: 2.412000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.412 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 3.867 ms</p> <p>Occupied Bandwidth 16.310 MHz</p> <p>Total Power 25.4 dBm</p> <p>Transmit Freq Error 5.623 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 15.98 MHz</p> <p>x dB -6.00 dB</p> |
| 2437 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.437 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 3.867 ms</p> <p>Occupied Bandwidth 16.531 MHz</p> <p>Total Power 28.1 dBm</p> <p>Transmit Freq Error -33.845 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 16.32 MHz</p> <p>x dB -6.00 dB</p> |
| 2462 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.462000000 GHz</p> <p>Center Freq: 2.462000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.462 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 3.867 ms</p> <p>Occupied Bandwidth 16.401 MHz</p> <p>Total Power 26.3 dBm</p> <p>Transmit Freq Error -38.268 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 16.08 MHz</p> <p>x dB -6.00 dB</p> |



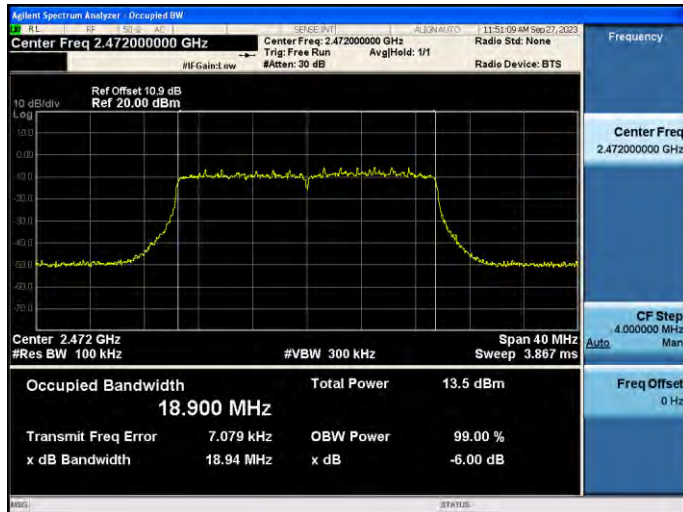
| 802.11ax HE20_ANT-0 | |
|---------------------|--|
| 2412 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.412000000 GHz</p> <p>Center Freq: 2.412000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.412 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 3.867 ms</p> <p>Occupied Bandwidth 18.828 MHz</p> <p>Total Power 26.3 dBm</p> <p>Transmit Freq Error 23.880 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 18.59 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency: 2.412000000 GHz</p> <p>CF Step: 4.000000 MHz</p> <p>Freq Offset: 0 Hz</p> |
| 2437 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.437 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 3.867 ms</p> <p>Occupied Bandwidth 19.057 MHz</p> <p>Total Power 28.9 dBm</p> <p>Transmit Freq Error -37.006 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 18.90 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency: 2.437000000 GHz</p> <p>CF Step: 4.000000 MHz</p> <p>Freq Offset: 0 Hz</p> |
| 2462 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.462000000 GHz</p> <p>Center Freq: 2.462000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.462 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 3.867 ms</p> <p>Occupied Bandwidth 18.934 MHz</p> <p>Total Power 27.1 dBm</p> <p>Transmit Freq Error -35.555 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 18.82 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency: 2.462000000 GHz</p> <p>CF Step: 4.000000 MHz</p> <p>Freq Offset: 0 Hz</p> |

802.11ax HE20_ANT-0

2467 MHz



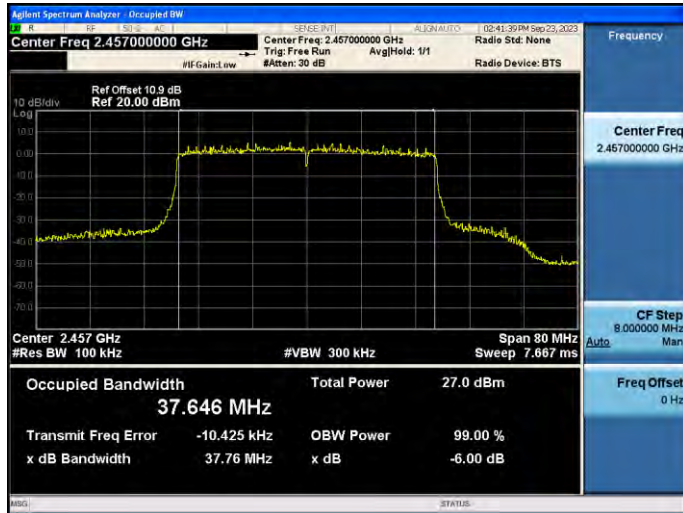
2472 MHz



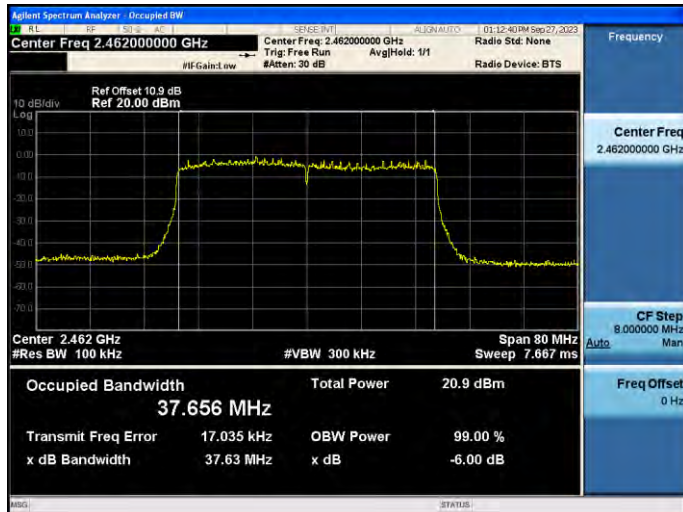
| 802.11ax HE40_ANT-0 | |
|---------------------|---|
| 2422 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.422000000 GHz</p> <p>Center Freq 2.422000000 GHz</p> <p>Ref Offset 10.0 dB</p> <p>Ref 20.00 dBm</p> <p>Center 2.422 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 80 MHz</p> <p>Sweep 7.667 ms</p> <p>Occupied Bandwidth 37.450 MHz</p> <p>Total Power 27.0 dBm</p> <p>Transmit Freq Error -63.230 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 36.23 MHz</p> <p>x dB -6.00 dB</p> |
| 2437 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq 2.437000000 GHz</p> <p>Ref Offset 10.0 dB</p> <p>Ref 20.00 dBm</p> <p>Center 2.437 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 80 MHz</p> <p>Sweep 7.667 ms</p> <p>Occupied Bandwidth 38.127 MHz</p> <p>Total Power 29.6 dBm</p> <p>Transmit Freq Error -101.53 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 37.78 MHz</p> <p>x dB -6.00 dB</p> |
| 2452 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.452000000 GHz</p> <p>Center Freq 2.452000000 GHz</p> <p>Ref Offset 10.0 dB</p> <p>Ref 20.00 dBm</p> <p>Center 2.452 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 80 MHz</p> <p>Sweep 7.667 ms</p> <p>Occupied Bandwidth 37.670 MHz</p> <p>Total Power 26.6 dBm</p> <p>Transmit Freq Error -48.827 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 37.93 MHz</p> <p>x dB -6.00 dB</p> |

802.11ax HE40_ANT-0

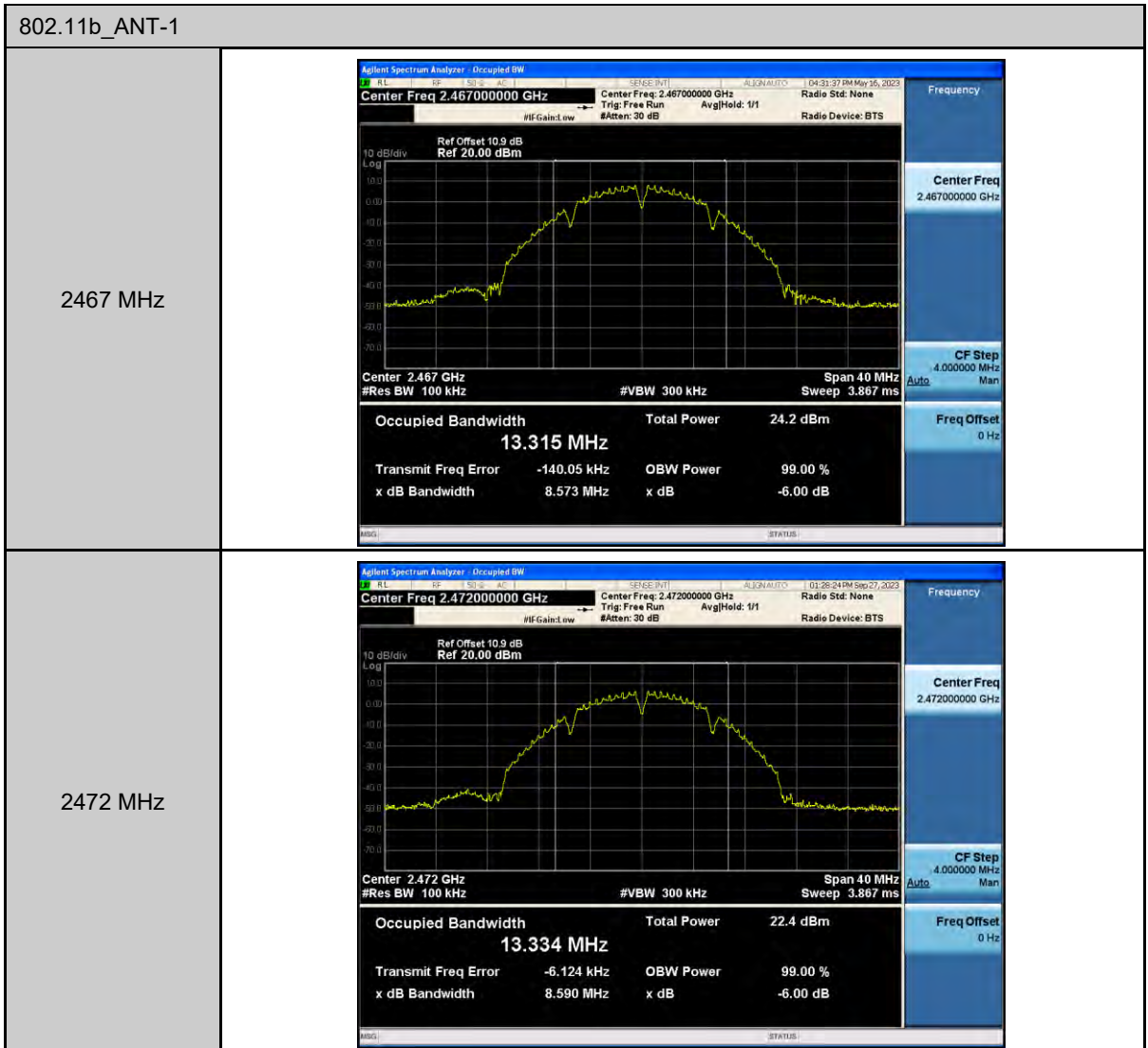
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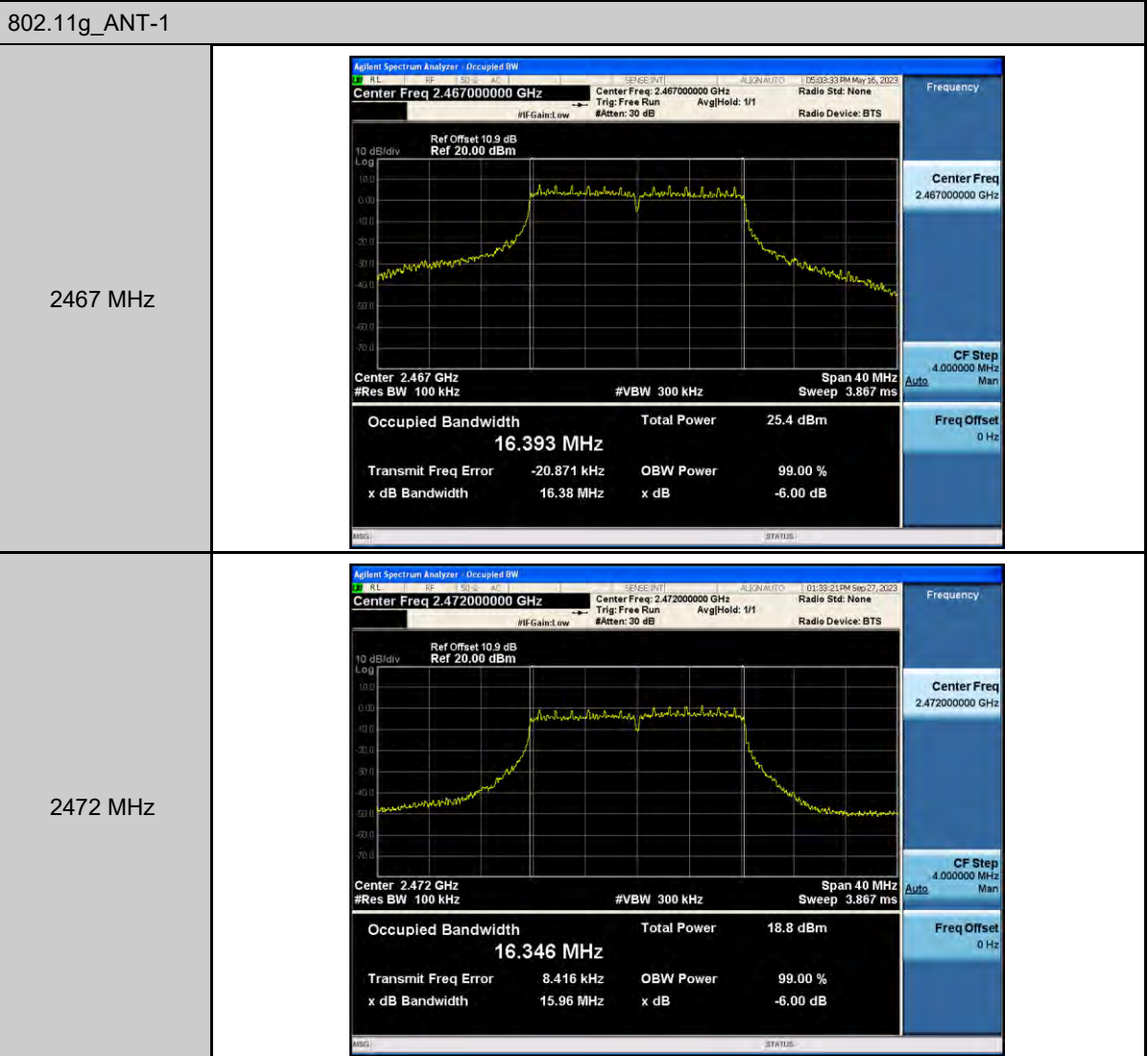
2462 MHz



| 802.11b_ANT-1 | |
|---------------|--|
| 2412 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.41200000 GHz</p> <p>Center Freq 2.41200000 GHz</p> <p>Trig: Free Run AvgHold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Center 2.412 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 3.867 ms</p> <p>Occupied Bandwidth 12.739 MHz</p> <p>Total Power 25.3 dBm</p> <p>Transmit Freq Error 142.27 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 8.093 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency</p> <p>Center Freq 2.41200000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p> |
| 2437 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.43700000 GHz</p> <p>Center Freq 2.43700000 GHz</p> <p>Trig: Free Run AvgHold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Center 2.437 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 3.867 ms</p> <p>Occupied Bandwidth 13.211 MHz</p> <p>Total Power 24.5 dBm</p> <p>Transmit Freq Error -97.279 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 8.098 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency</p> <p>Center Freq 2.43700000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p> |
| 2462 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.46200000 GHz</p> <p>Center Freq 2.46200000 GHz</p> <p>Trig: Free Run AvgHold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Center 2.462 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 3.867 ms</p> <p>Occupied Bandwidth 13.129 MHz</p> <p>Total Power 24.7 dBm</p> <p>Transmit Freq Error -234.73 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 8.109 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency</p> <p>Center Freq 2.46200000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p> |



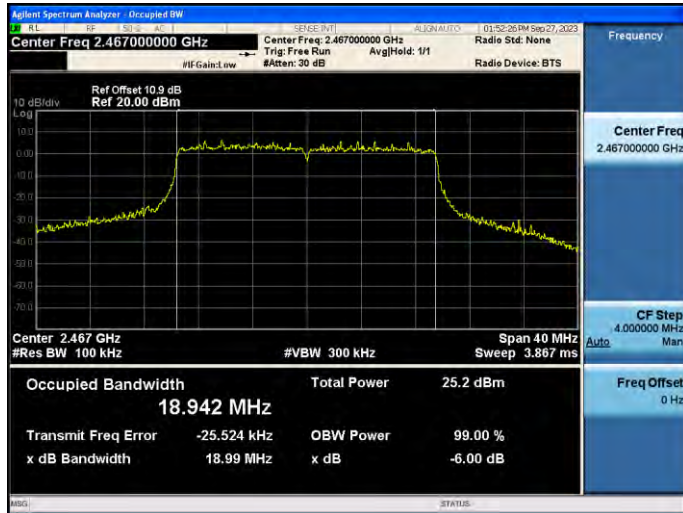
| 802.11g_ANT-1 | |
|---------------|---|
| 2412 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.412000000 GHz</p> <p>Center Freq: 2.412000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>10 dB/div</p> <p>Center 2.412 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 3.867 ms</p> <p>Occupied Bandwidth 16.325 MHz</p> <p>Total Power 25.0 dBm</p> <p>Transmit Freq Error 22.879 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 15.97 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency: Center Freq 2.412000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p> |
| 2437 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>10 dB/div</p> <p>Center 2.437 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 3.867 ms</p> <p>Occupied Bandwidth 16.376 MHz</p> <p>Total Power 26.1 dBm</p> <p>Transmit Freq Error -12.309 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 16.39 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency: Center Freq 2.437000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p> |
| 2462 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.462000000 GHz</p> <p>Center Freq: 2.462000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>10 dB/div</p> <p>Center 2.462 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 3.867 ms</p> <p>Occupied Bandwidth 16.362 MHz</p> <p>Total Power 25.7 dBm</p> <p>Transmit Freq Error -31.078 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 16.12 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency: Center Freq 2.462000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p> |



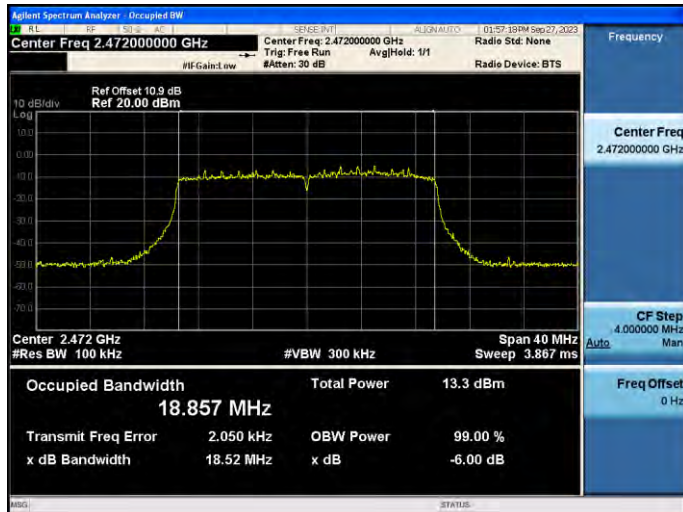
| 802.11ax HE20_ANT-1 | |
|---------------------|---|
| 2412 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.412000000 GHz</p> <p>Center Freq: 2.412000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.412 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 3.867 ms</p> <p>Occupied Bandwidth 18.821 MHz</p> <p>Total Power 25.8 dBm</p> <p>Transmit Freq Error 43.094 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 18.41 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency 2.412000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p> |
| 2437 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.437 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 3.867 ms</p> <p>Occupied Bandwidth 18.904 MHz</p> <p>Total Power 26.9 dBm</p> <p>Transmit Freq Error -21.551 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 18.82 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency 2.437000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p> |
| 2462 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.462000000 GHz</p> <p>Center Freq: 2.462000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.462 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 40 MHz</p> <p>Sweep 3.867 ms</p> <p>Occupied Bandwidth 18.859 MHz</p> <p>Total Power 26.8 dBm</p> <p>Transmit Freq Error -46.609 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 18.57 MHz</p> <p>x dB -6.00 dB</p> <p>Frequency 2.462000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p> |

802.11ax HE20_ANT-1

2467 MHz

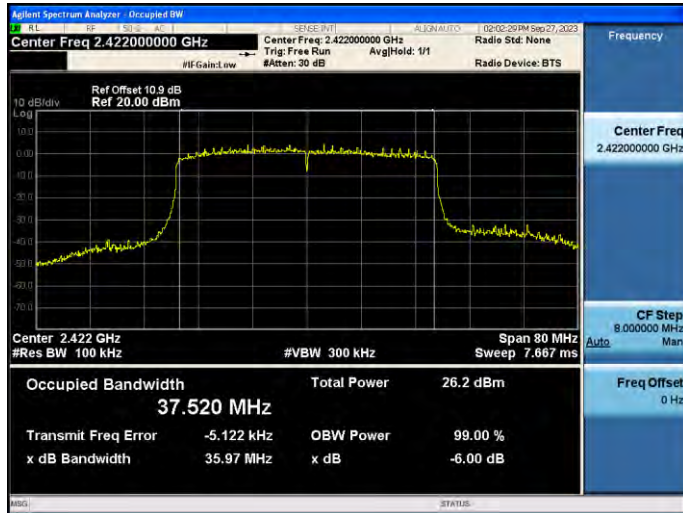


2472 MHz

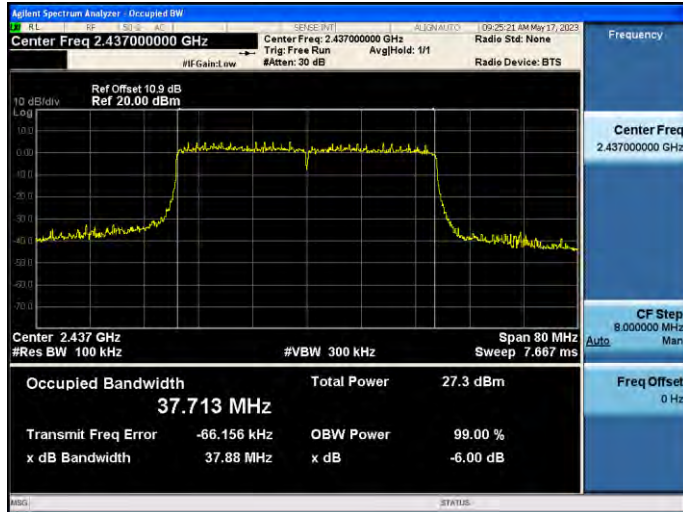


802.11ax HE40_ANT-1

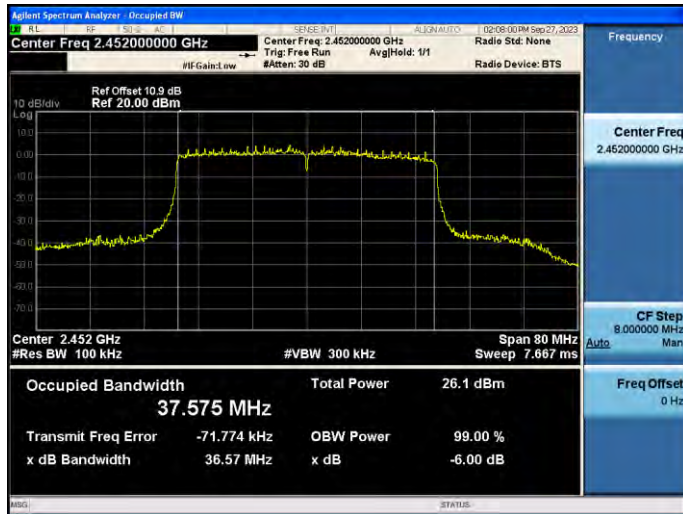
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2437 MHz



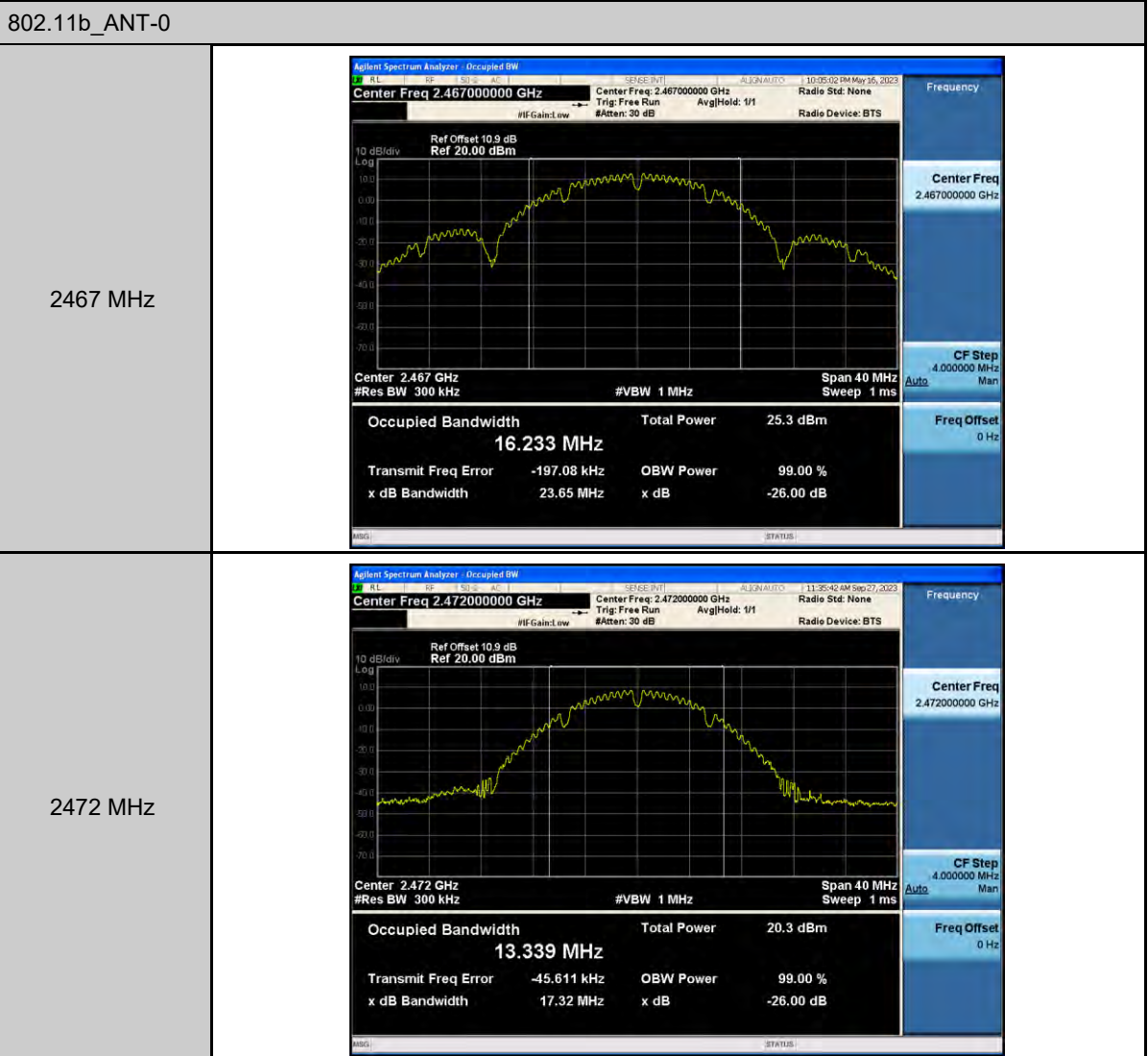
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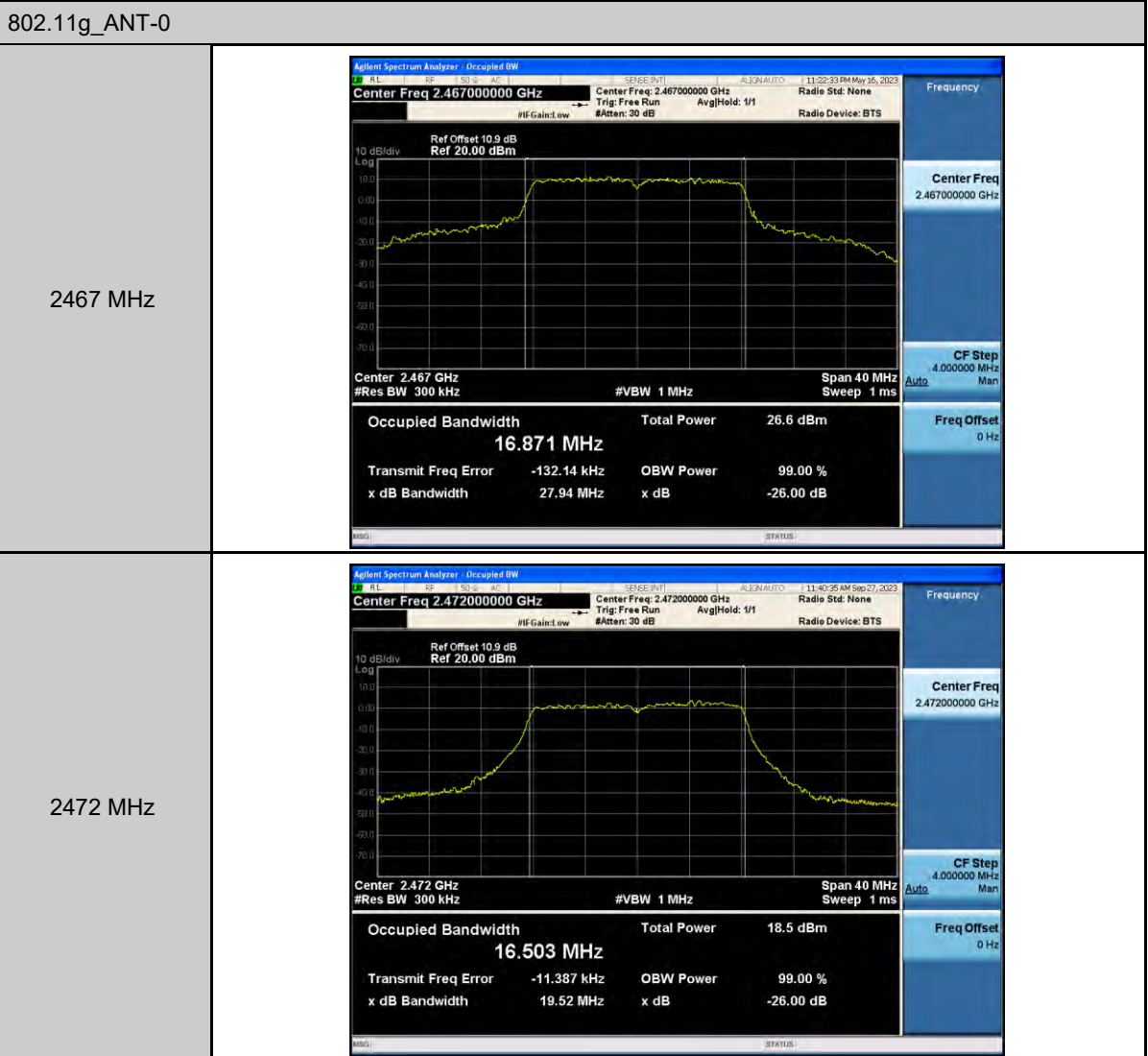


99% Occupied Bandwidth

| 802.11b_ANT-0 | |
|---------------|---|
| 2412 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.412000000 GHz</p> <p>Center Freq: 2.412000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref Offset 10.9 dB</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Center 2.412 GHz</p> <p>#Res BW 300 kHz</p> <p>#VBW 1 MHz</p> <p>Span 40 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 14.708 MHz</p> <p>Total Power 27.3 dBm</p> <p>Transmit Freq Error 137.42 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 18.74 MHz</p> <p>x dB -26.00 dB</p> <p>Frequency 2.41200000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p> |
| 2437 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref Offset 10.9 dB</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Center 2.437 GHz</p> <p>#Res BW 300 kHz</p> <p>#VBW 1 MHz</p> <p>Span 40 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 14.018 MHz</p> <p>Total Power 26.7 dBm</p> <p>Transmit Freq Error -117.91 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 18.18 MHz</p> <p>x dB -26.00 dB</p> <p>Frequency 2.43700000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p> |
| 2462 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.462000000 GHz</p> <p>Center Freq: 2.462000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref Offset 10.9 dB</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Center 2.462 GHz</p> <p>#Res BW 300 kHz</p> <p>#VBW 1 MHz</p> <p>Span 40 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 16.301 MHz</p> <p>Total Power 25.5 dBm</p> <p>Transmit Freq Error -144.59 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 20.27 MHz</p> <p>x dB -26.00 dB</p> <p>Frequency 2.46200000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p> |



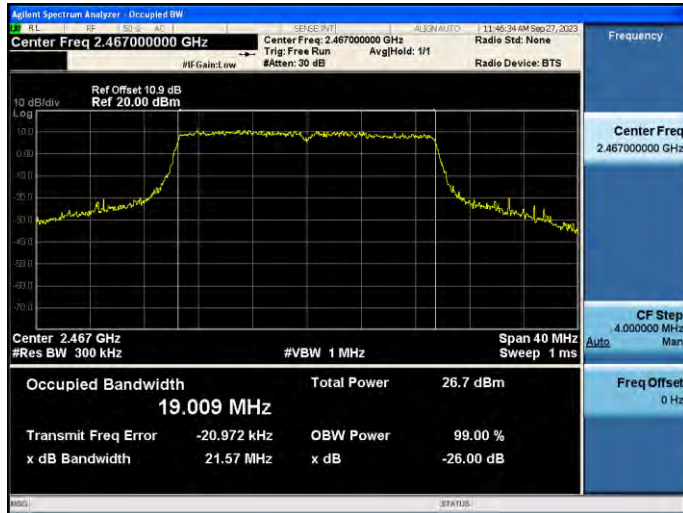
| 802.11g_ANT-0 | |
|---------------|---|
| 2412 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.412000000 GHz</p> <p>Center Freq: 2.412000000 GHz</p> <p>Trig: Free Run AvgHold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.412 GHz</p> <p>#Res BW 300 kHz</p> <p>#VBW 1 MHz</p> <p>Span 40 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 16.403 MHz</p> <p>Total Power 25.4 dBm</p> <p>Transmit Freq Error 7.772 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 19.37 MHz</p> <p>x dB -26.00 dB</p> <p>Frequency: 2.412000000 GHz</p> <p>CF Step: 4.000000 MHz</p> <p>Freq Offset: 0 Hz</p> |
| 2437 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run AvgHold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.437 GHz</p> <p>#Res BW 300 kHz</p> <p>#VBW 1 MHz</p> <p>Span 40 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 16.949 MHz</p> <p>Total Power 28.0 dBm</p> <p>Transmit Freq Error -77.604 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 31.81 MHz</p> <p>x dB -26.00 dB</p> <p>Frequency: 2.437000000 GHz</p> <p>CF Step: 4.000000 MHz</p> <p>Freq Offset: 0 Hz</p> |
| 2462 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.462000000 GHz</p> <p>Center Freq: 2.462000000 GHz</p> <p>Trig: Free Run AvgHold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.462 GHz</p> <p>#Res BW 300 kHz</p> <p>#VBW 1 MHz</p> <p>Span 40 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 16.617 MHz</p> <p>Total Power 26.2 dBm</p> <p>Transmit Freq Error -93.401 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 22.50 MHz</p> <p>x dB -26.00 dB</p> <p>Frequency: 2.462000000 GHz</p> <p>CF Step: 4.000000 MHz</p> <p>Freq Offset: 0 Hz</p> |



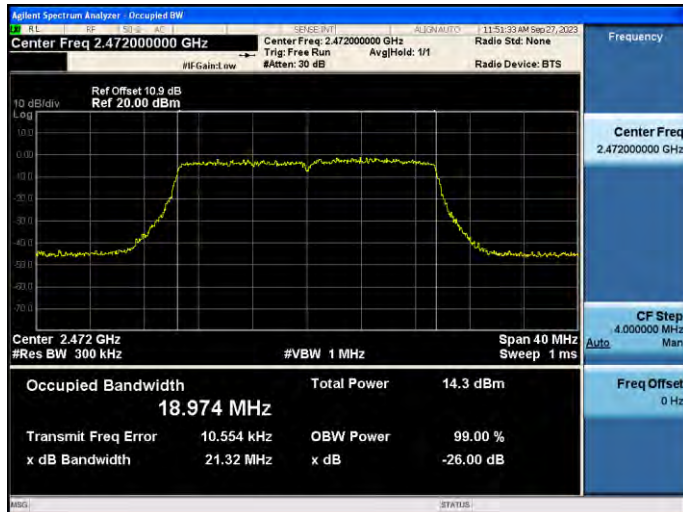
| 802.11ax HE20_ANT-0 | |
|---------------------|---|
| 2412 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.412000000 GHz</p> <p>Center Freq: 2.412000000 GHz</p> <p>Trig: Free Run AvgHold: 1/1</p> <p>#HF Gain: 1.00 #Atten: 30 dB</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB Ref: 20.00 dBm</p> <p>Center 2.412 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 18.889 MHz Total Power 27.2 dBm</p> <p>Transmit Freq Error 16.049 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 21.02 MHz x dB -26.00 dB</p> <p>Frequency: Center Freq 2.412000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p> |
| 2437 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run AvgHold: 1/1</p> <p>#HF Gain: 1.00 #Atten: 30 dB</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB Ref: 20.00 dBm</p> <p>Center 2.437 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 19.199 MHz Total Power 29.8 dBm</p> <p>Transmit Freq Error -44.628 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 34.90 MHz x dB -26.00 dB</p> <p>Frequency: Center Freq 2.437000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p> |
| 2462 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.462000000 GHz</p> <p>Center Freq: 2.462000000 GHz</p> <p>Trig: Free Run AvgHold: 1/1</p> <p>#HF Gain: 1.00 #Atten: 30 dB</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB Ref: 20.00 dBm</p> <p>Center 2.462 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 19.033 MHz Total Power 27.9 dBm</p> <p>Transmit Freq Error -53.567 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 25.36 MHz x dB -26.00 dB</p> <p>Frequency: Center Freq 2.462000000 GHz</p> <p>CF Step 4.000000 MHz</p> <p>Freq Offset 0 Hz</p> |

802.11ax HE20_ANT-0

2467 MHz



2472 MHz

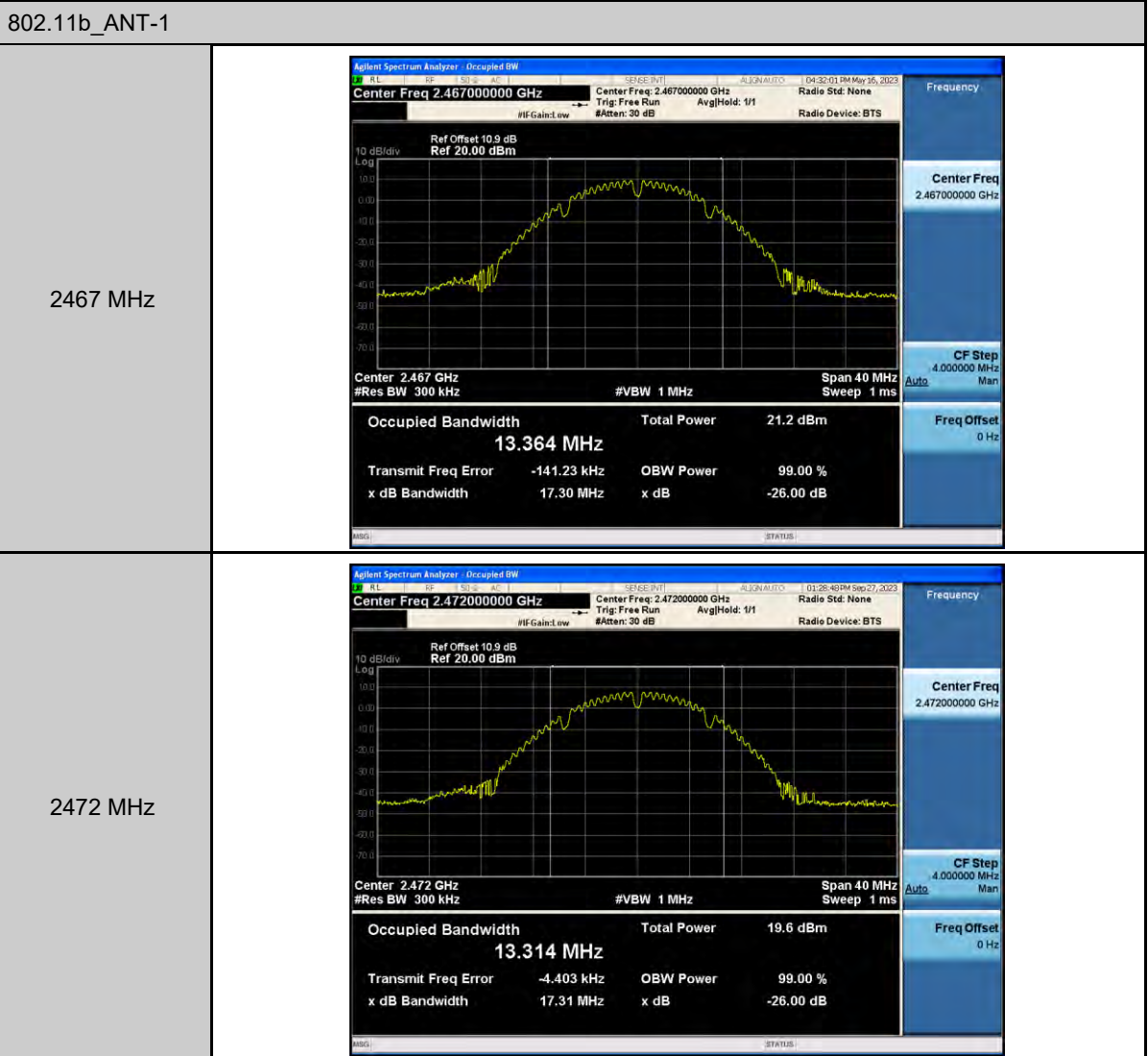


802.11ax HE40_ANT-0

| | |
|-----------------|---|
| <p>2422 MHz</p> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.422000000 GHz</p> <p>Center Freq 2.422000000 GHz</p> <p>Center Freq 2.422 GHz</p> <p>#Res BW 1 MHz</p> <p>#VBW 3 MHz</p> <p>Span 80 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 37.705 MHz</p> <p>Total Power 28.3 dBm</p> <p>Transmit Freq Error -78.768 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 41.08 MHz</p> <p>x dB -26.00 dB</p> |
| <p>2437 MHz</p> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq 2.437 GHz</p> <p>#Res BW 1 MHz</p> <p>#VBW 3 MHz</p> <p>Span 80 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 38.841 MHz</p> <p>Total Power 30.7 dBm</p> <p>Transmit Freq Error -223.21 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 64.11 MHz</p> <p>x dB -26.00 dB</p> |
| <p>2452 MHz</p> | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.452000000 GHz</p> <p>Center Freq 2.452000000 GHz</p> <p>Center Freq 2.452 GHz</p> <p>#Res BW 1 MHz</p> <p>#VBW 3 MHz</p> <p>Span 80 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 37.902 MHz</p> <p>Total Power 27.9 dBm</p> <p>Transmit Freq Error -43.611 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 41.52 MHz</p> <p>x dB -26.00 dB</p> |



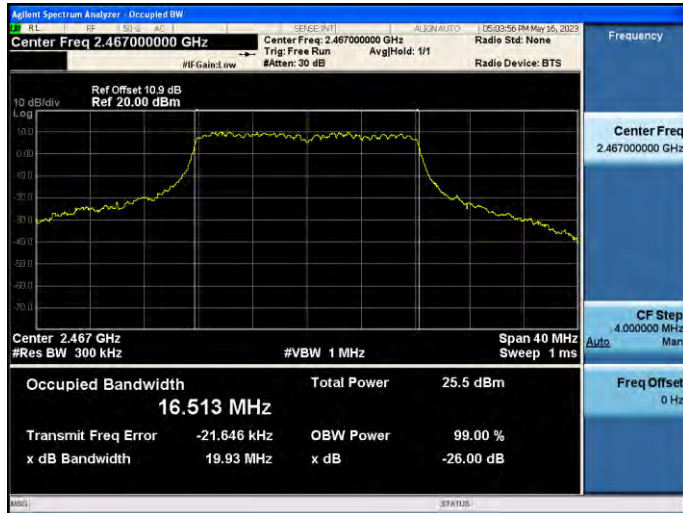
| 802.11b_ANT-1 | |
|---------------|---|
| 2412 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.412000000 GHz</p> <p>Ref Offset 10.0 dB Ref 20.00 dBm</p> <p>Center 2.412 GHz #Res BW 300 kHz</p> <p>Occupied Bandwidth 12.750 MHz</p> <p>Total Power 22.3 dBm</p> <p>Transmit Freq Error 155.57 kHz</p> <p>x dB Bandwidth 16.75 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p> |
| 2437 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Ref Offset 10.0 dB Ref 20.00 dBm</p> <p>Center 2.437 GHz #Res BW 300 kHz</p> <p>Occupied Bandwidth 13.198 MHz</p> <p>Total Power 21.6 dBm</p> <p>Transmit Freq Error -75.219 kHz</p> <p>x dB Bandwidth 17.26 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p> |
| 2462 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.462000000 GHz</p> <p>Ref Offset 10.0 dB Ref 20.00 dBm</p> <p>Center 2.462 GHz #Res BW 300 kHz</p> <p>Occupied Bandwidth 13.127 MHz</p> <p>Total Power 21.8 dBm</p> <p>Transmit Freq Error -225.17 kHz</p> <p>x dB Bandwidth 16.85 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p> |



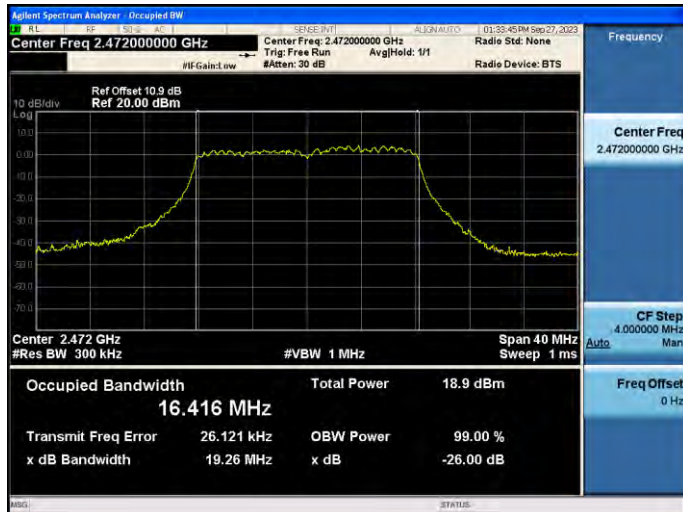
| 802.11g_ANT-1 | |
|---------------|--|
| 2412 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.41200000 GHz</p> <p>Center Freq: 2.41200000 GHz</p> <p>Trig: Free Run AvgHold: 1/1</p> <p>#HF Gain: 1.0w #Atten: 30 dB</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB Ref: 20.00 dBm</p> <p>10 dB/div</p> <p>Center 2.412 GHz</p> <p>#Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 16.381 MHz Total Power 25.1 dBm</p> <p>Transmit Freq Error 46.843 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 18.99 MHz x dB -26.00 dB</p> <p>Frequency: 2.41200000 GHz</p> <p>CF Step: 4.000000 MHz</p> <p>Freq Offset: 0 Hz</p> |
| 2437 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.43700000 GHz</p> <p>Center Freq: 2.43700000 GHz</p> <p>Trig: Free Run AvgHold: 1/1</p> <p>#HF Gain: 1.0w #Atten: 30 dB</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB Ref: 20.00 dBm</p> <p>10 dB/div</p> <p>Center 2.437 GHz</p> <p>#Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 16.485 MHz Total Power 26.2 dBm</p> <p>Transmit Freq Error -8.739 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 20.04 MHz x dB -26.00 dB</p> <p>Frequency: 2.43700000 GHz</p> <p>CF Step: 4.000000 MHz</p> <p>Freq Offset: 0 Hz</p> |
| 2462 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.46200000 GHz</p> <p>Center Freq: 2.46200000 GHz</p> <p>Trig: Free Run AvgHold: 1/1</p> <p>#HF Gain: 1.0w #Atten: 30 dB</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB Ref: 20.00 dBm</p> <p>10 dB/div</p> <p>Center 2.462 GHz</p> <p>#Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 16.450 MHz Total Power 25.9 dBm</p> <p>Transmit Freq Error -37.446 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 19.58 MHz x dB -26.00 dB</p> <p>Frequency: 2.46200000 GHz</p> <p>CF Step: 4.000000 MHz</p> <p>Freq Offset: 0 Hz</p> |

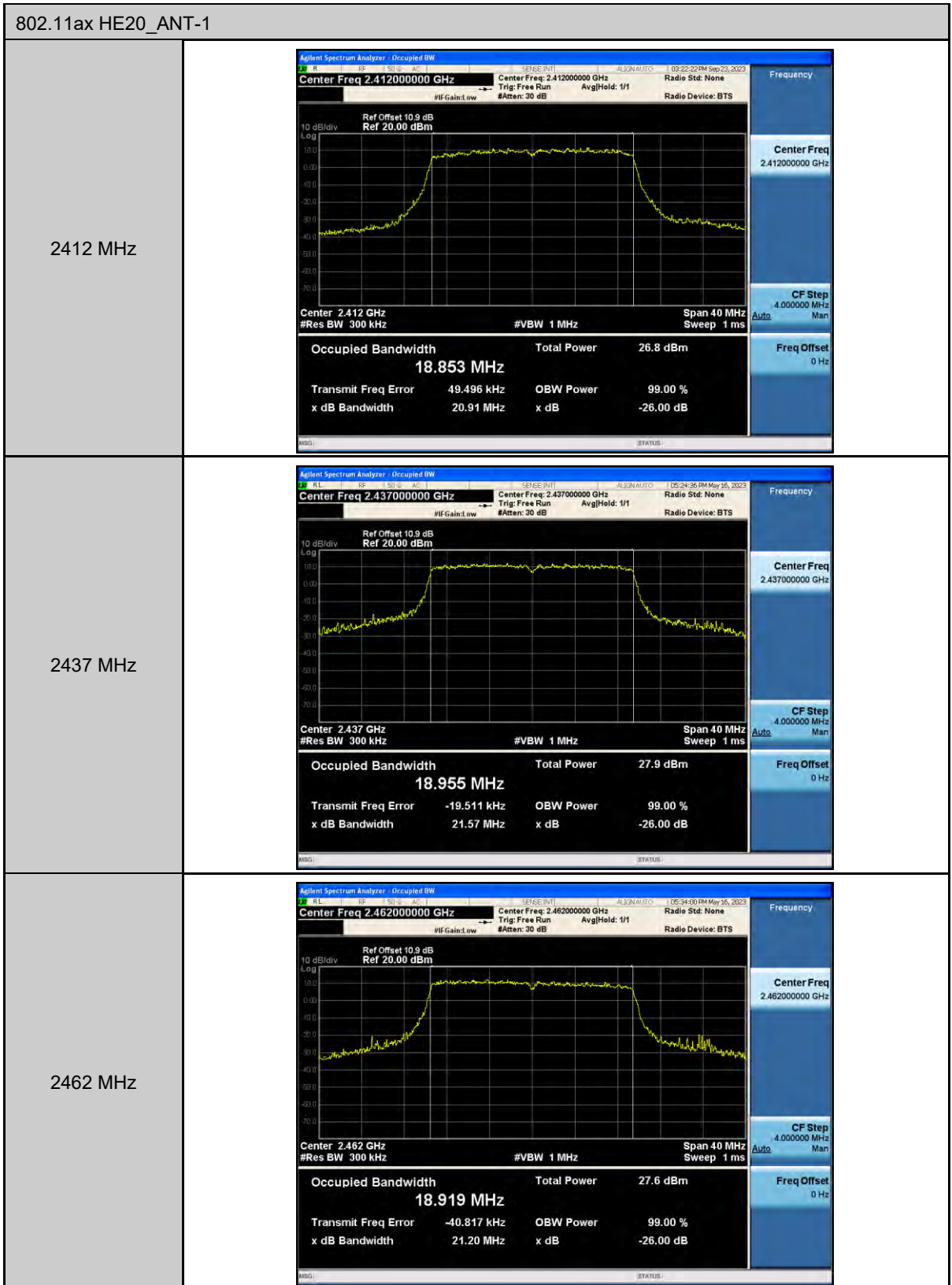
802.11g_ANT-1

2467 MHz



2472 MHz







| 802.11ax HE40_ANT-1 | |
|---------------------|---|
| 2422 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.422000000 GHz</p> <p>Center Freq: 2.422000000 GHz</p> <p>Trig: Free Run AvgHold: 1/1</p> <p>#Att: 30 dB</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.422 GHz</p> <p>#Res BW 1 MHz</p> <p>#VBW 3 MHz</p> <p>Span 80 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 37.687 MHz</p> <p>Total Power 27.8 dBm</p> <p>Transmit Freq Error 38.993 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 41.34 MHz</p> <p>x dB -26.00 dB</p> <p>Frequency: Center Freq 2.422000000 GHz</p> <p>CF Step 8.000000 MHz</p> <p>Freq Offset 0 Hz</p> |
| 2437 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run AvgHold: 1/1</p> <p>#Att: 30 dB</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.437 GHz</p> <p>#Res BW 1 MHz</p> <p>#VBW 3 MHz</p> <p>Span 80 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 37.975 MHz</p> <p>Total Power 28.7 dBm</p> <p>Transmit Freq Error -86.713 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 41.63 MHz</p> <p>x dB -26.00 dB</p> <p>Frequency: Center Freq 2.437000000 GHz</p> <p>CF Step 8.000000 MHz</p> <p>Freq Offset 0 Hz</p> |
| 2452 MHz | <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.452000000 GHz</p> <p>Center Freq: 2.452000000 GHz</p> <p>Trig: Free Run AvgHold: 1/1</p> <p>#Att: 30 dB</p> <p>Radio Device: BTS</p> <p>Ref Offset: 10.0 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.452 GHz</p> <p>#Res BW 1 MHz</p> <p>#VBW 3 MHz</p> <p>Span 80 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 37.783 MHz</p> <p>Total Power 27.6 dBm</p> <p>Transmit Freq Error -102.89 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 41.29 MHz</p> <p>x dB -26.00 dB</p> <p>Frequency: Center Freq 2.452000000 GHz</p> <p>CF Step 8.000000 MHz</p> <p>Freq Offset 0 Hz</p> |



Maximum Power Spectral Density

802.11b_ANT-0

2412 MHz



2437 MHz

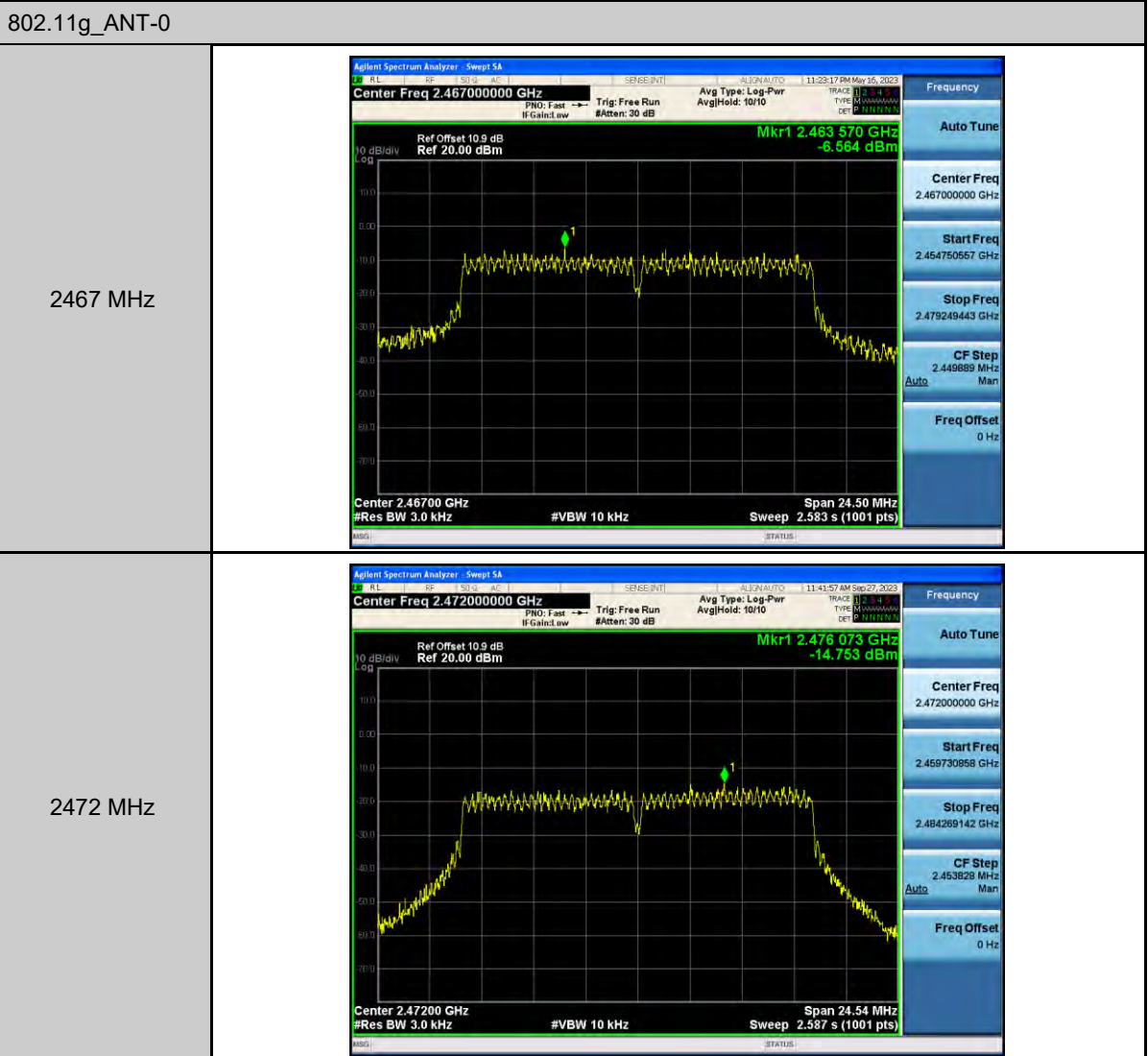


2462 MHz





| 802.11g_ANT-0 | |
|---------------|---|
| 2412 MHz | <p>Agilent Spectrum Analyzer - Swept SA Center Freq 2.41200000 GHz Ref Offset 10.9 dB Ref 20.00 dBm Mkr1 2.413151 GHz -8.363 dBm Center 2.41200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 23.97 MHz Sweep 2.528 s (1001 pts)</p> |
| 2437 MHz | <p>Agilent Spectrum Analyzer - Swept SA Center Freq 2.43700000 GHz Ref Offset 10.9 dB Ref 20.00 dBm Mkr1 2.435751 GHz -4.452 dBm Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 24.49 MHz Sweep 2.582 s (1001 pts)</p> |
| 2462 MHz | <p>Agilent Spectrum Analyzer - Swept SA Center Freq 2.46200000 GHz Ref Offset 10.9 dB Ref 20.00 dBm Mkr1 2.458189 GHz -6.518 dBm Center 2.46200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 24.12 MHz Sweep 2.543 s (1001 pts)</p> |



802.11ax HE20_ANT-0

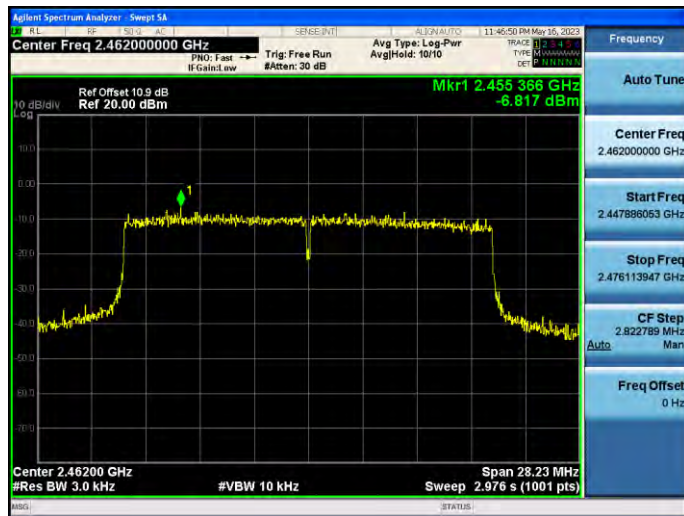
2412 MHz



2437 MHz

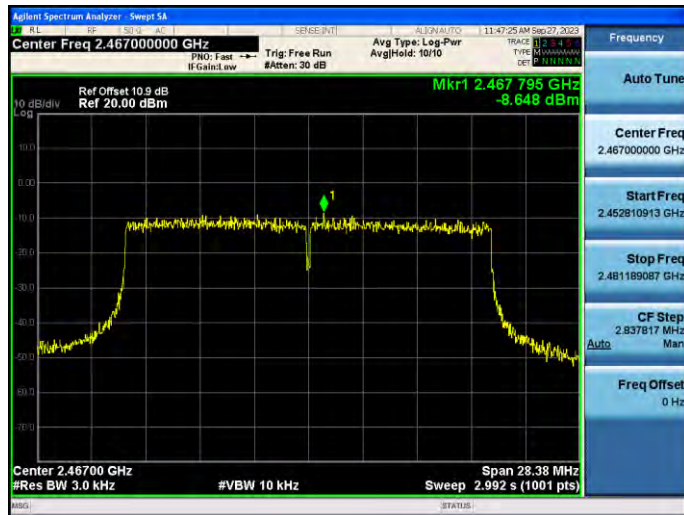


2462 MHz

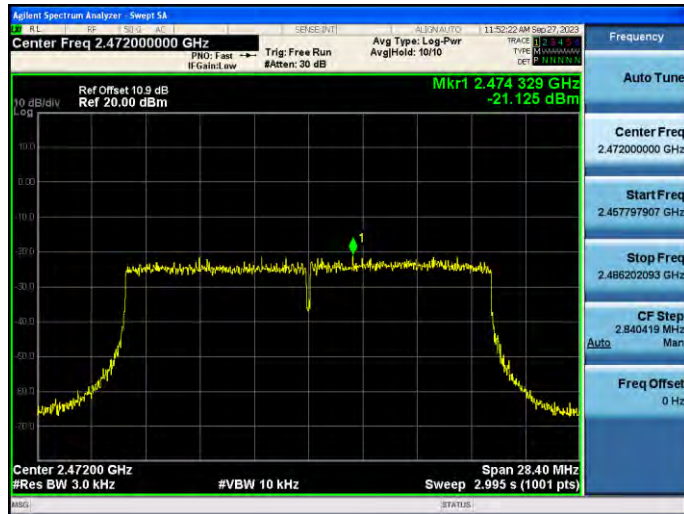


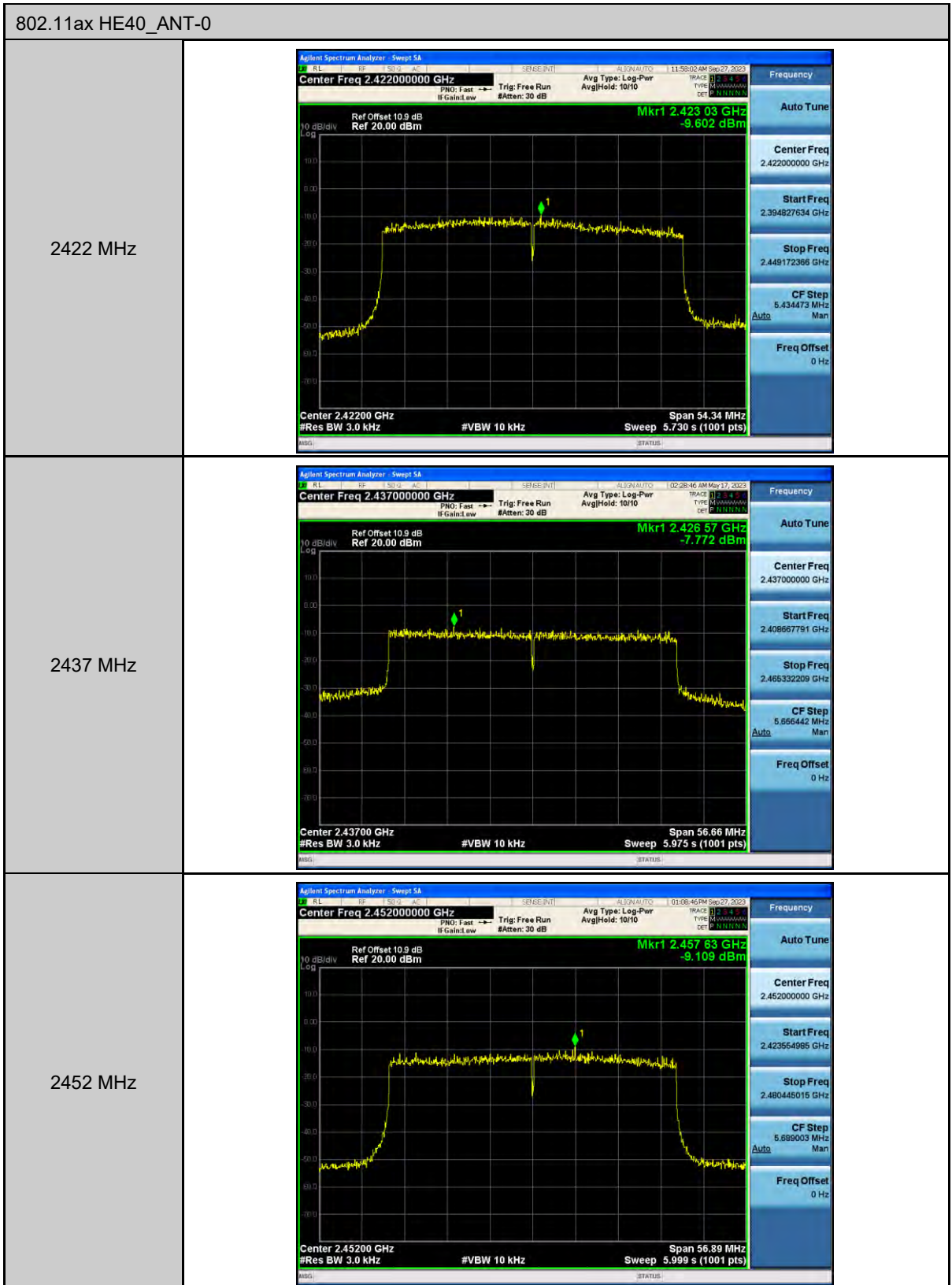
802.11ax HE20_ANT-0

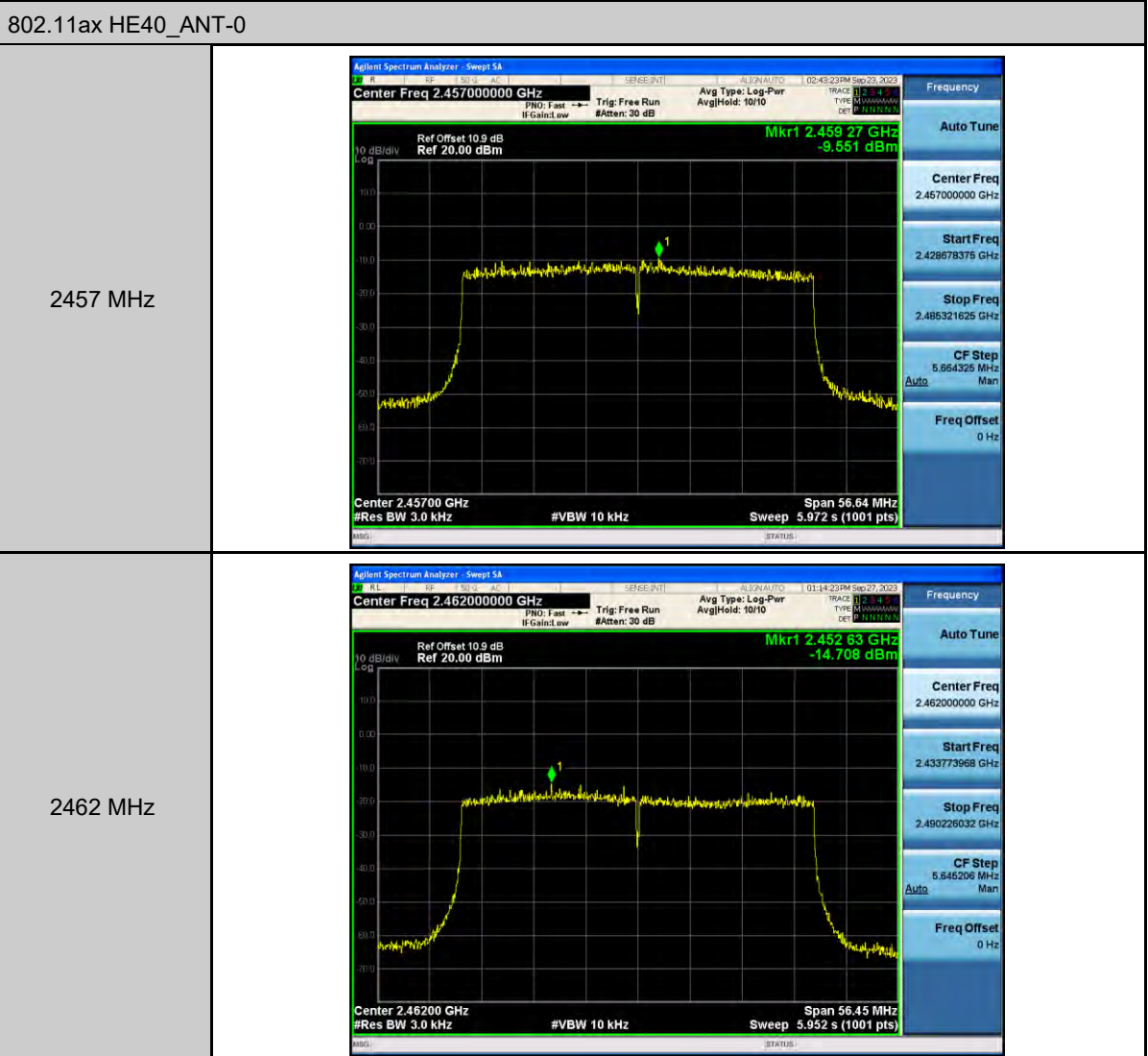
2467 MHz

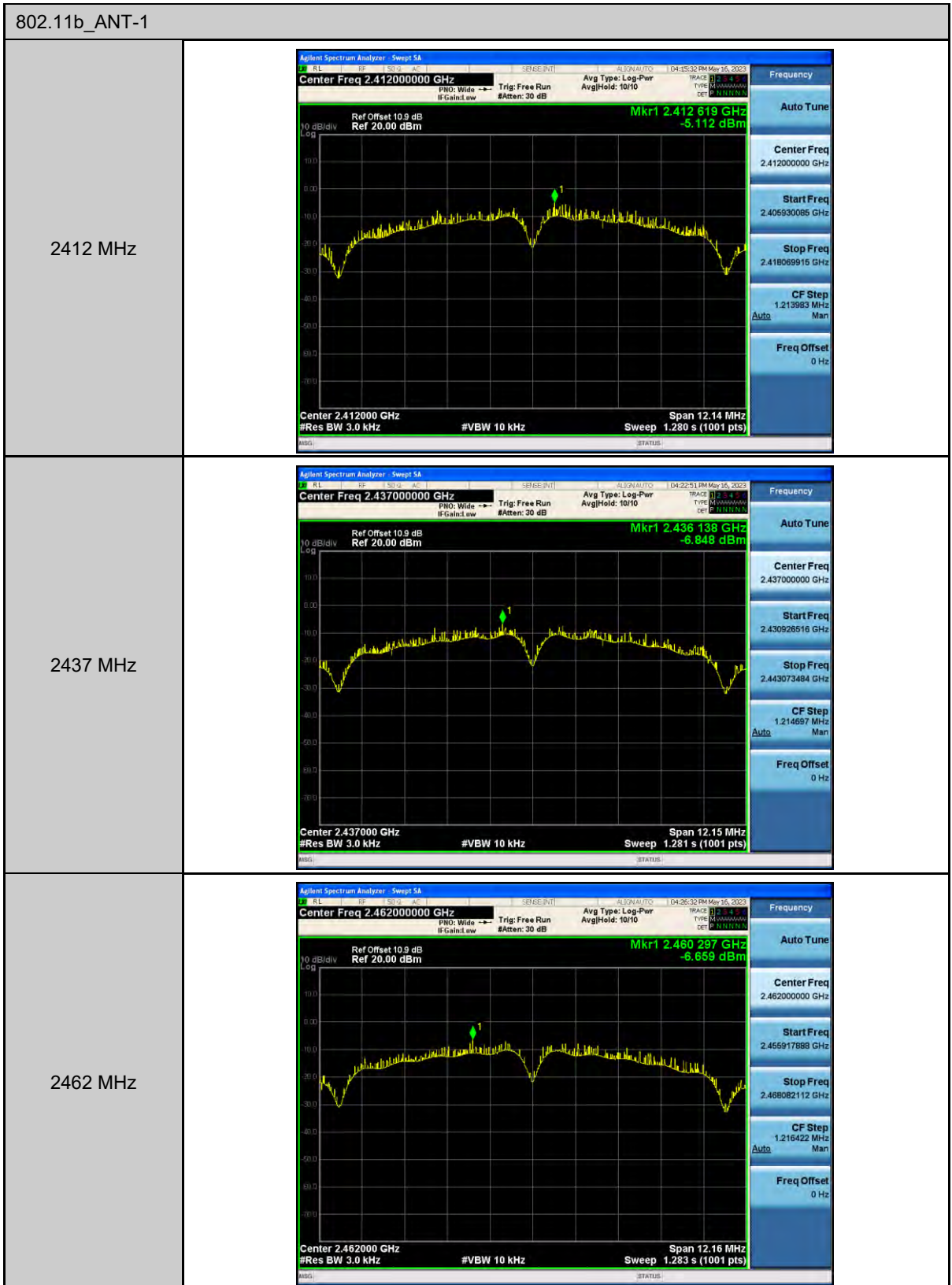


2472 MHz

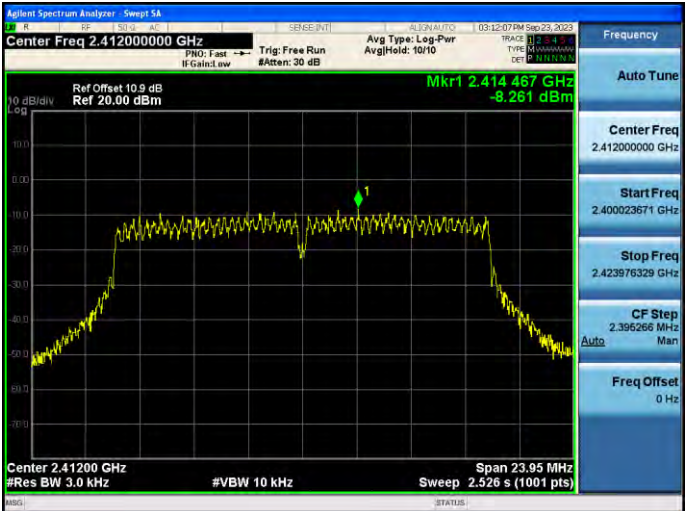




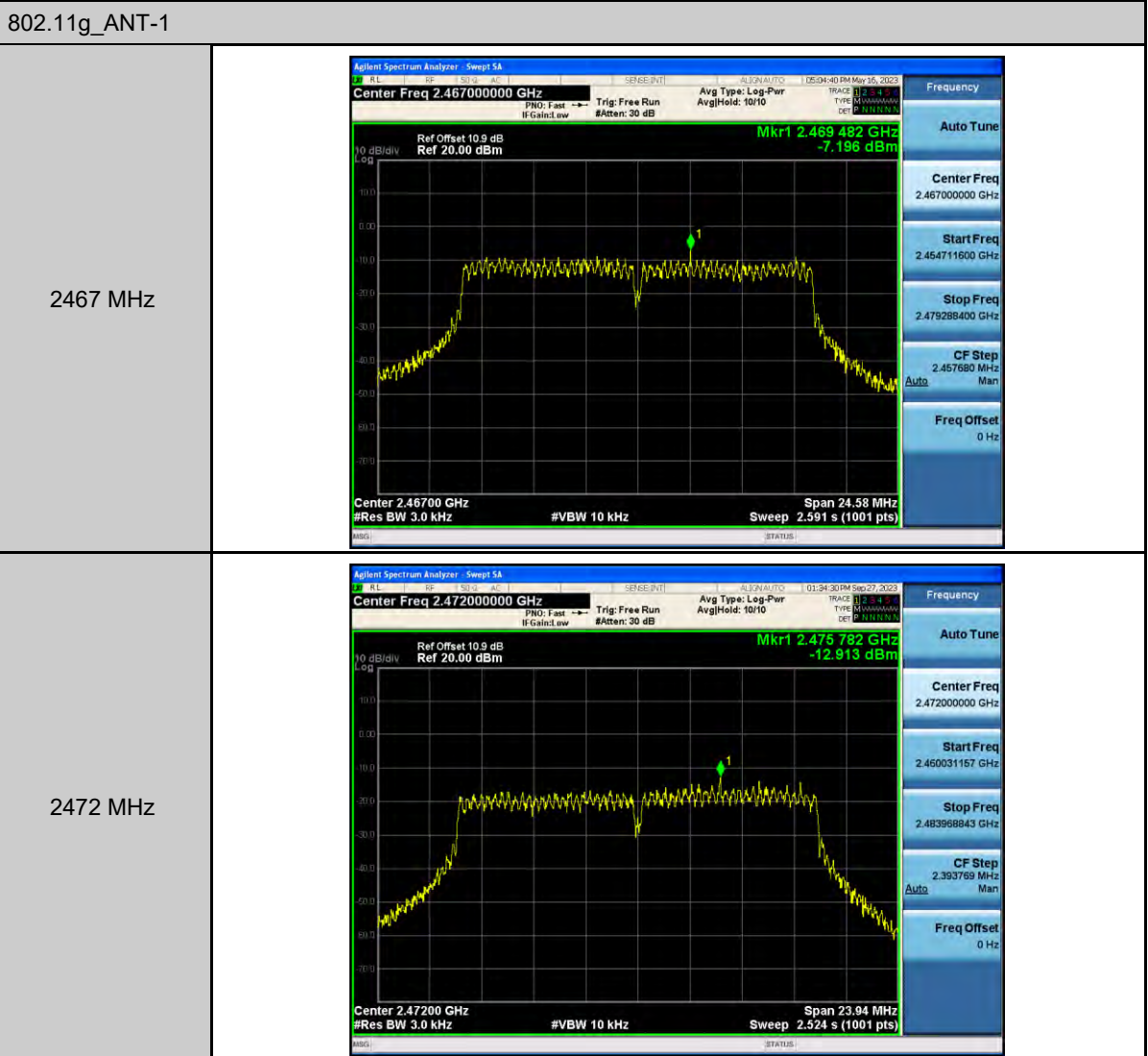








| 802.11g_ANT-1 | |
|---------------|--|
| 2412 MHz |  <p>Agilent Spectrum Analyzer - Swept SA Center Freq 2.41200000 GHz Ref Offset 10.9 dB Ref 20.00 dBm Mkr1 2.414467 GHz -8.261 dBm Center 2.41200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 23.95 MHz Sweep 2.526 s (1001 pts)</p> |
| 2437 MHz |  <p>Agilent Spectrum Analyzer - Swept SA Center Freq 2.43700000 GHz Ref Offset 10.9 dB Ref 20.00 dBm Mkr1 2.429479 GHz -7.267 dBm Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 24.58 MHz Sweep 2.591 s (1001 pts)</p> |
| 2462 MHz |  <p>Agilent Spectrum Analyzer - Swept SA Center Freq 2.46200000 GHz Ref Offset 10.9 dB Ref 20.00 dBm Mkr1 2.456970 GHz -6.440 dBm Center 2.46200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 24.18 MHz Sweep 2.550 s (1001 pts)</p> |



| 802.11ax HE20_ANT-1 | |
|---------------------|--|
| 2412 MHz | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.41200000 GHz</p> <p>Ref Offset 10.9 dB Ref 20.00 dBm</p> <p>Mkr1 2.416 529 GHz -8.803 dBm</p> <p>Center 2.41200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 27.62 MHz Sweep 2.912 s (1001 pts)</p> |
| 2437 MHz | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.43700000 GHz</p> <p>Ref Offset 10.9 dB Ref 20.00 dBm</p> <p>Mkr1 2.431 211 GHz -6.414 dBm</p> <p>Center 2.43700 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 28.24 MHz Sweep 2.977 s (1001 pts)</p> |
| 2462 MHz | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.46200000 GHz</p> <p>Ref Offset 10.9 dB Ref 20.00 dBm</p> <p>Mkr1 2.457 849 GHz -7.575 dBm</p> <p>Center 2.46200 GHz #Res BW 3.0 kHz #VBW 10 kHz Span 27.86 MHz Sweep 2.938 s (1001 pts)</p> |

