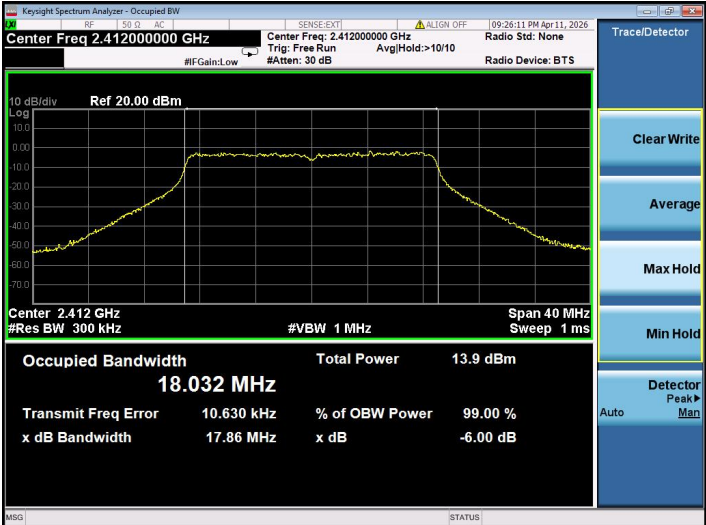
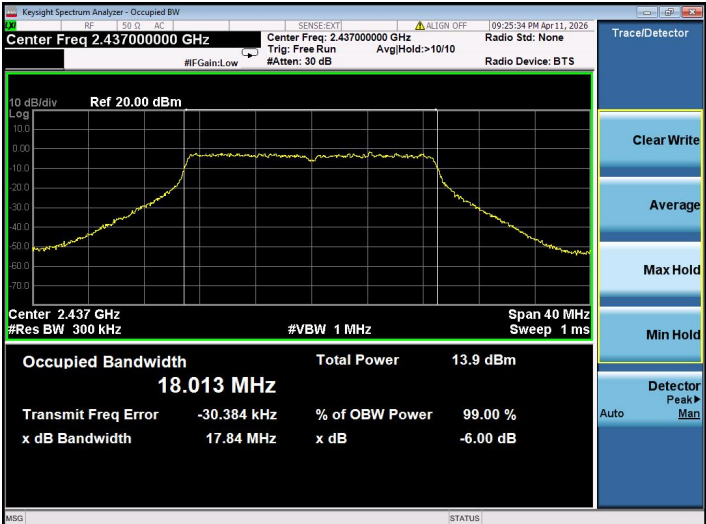
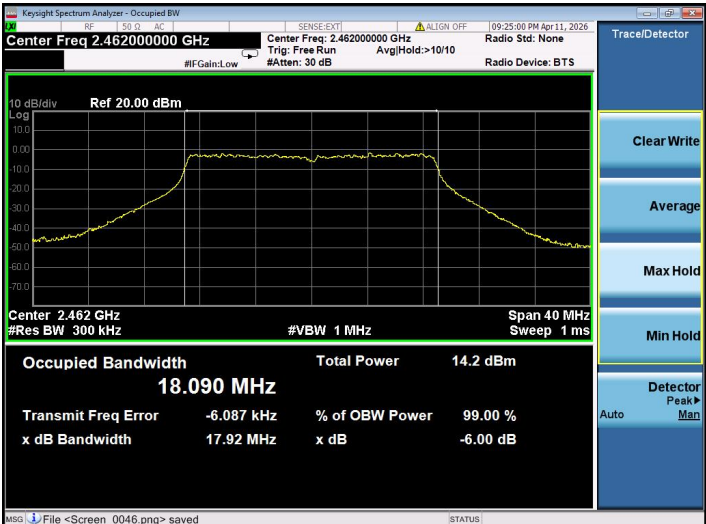
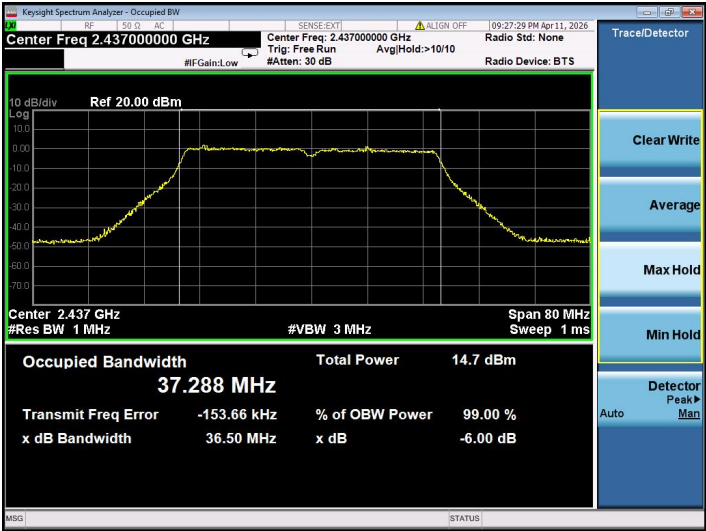
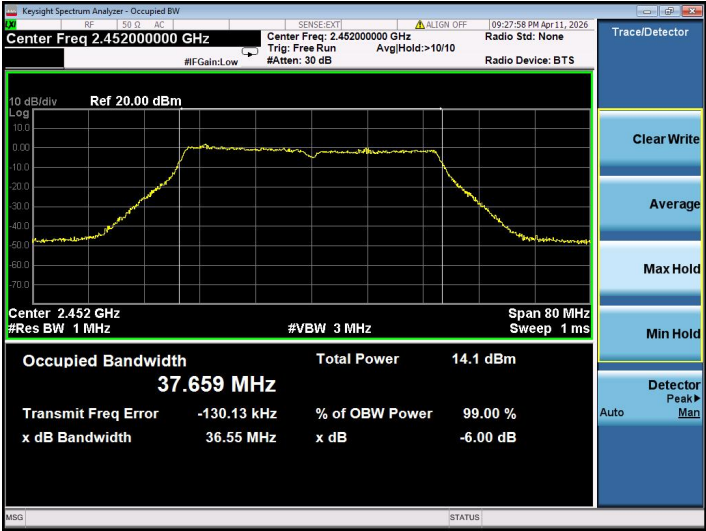
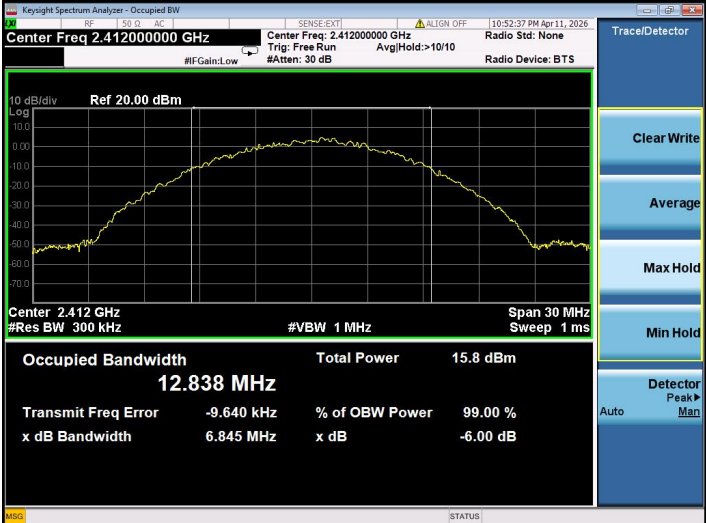
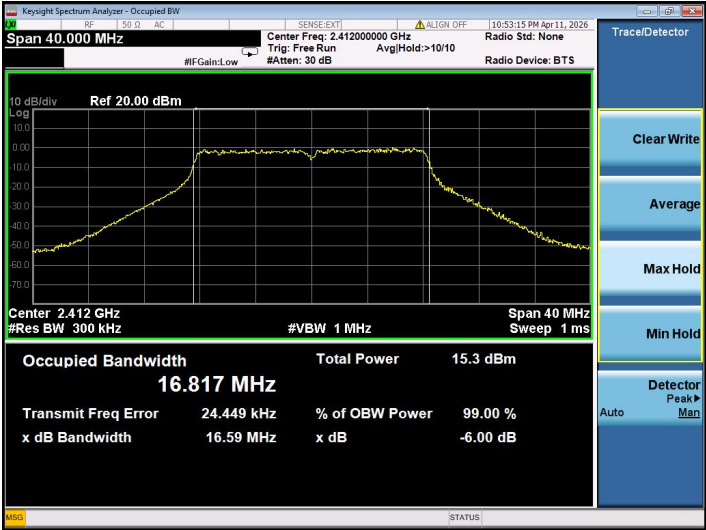
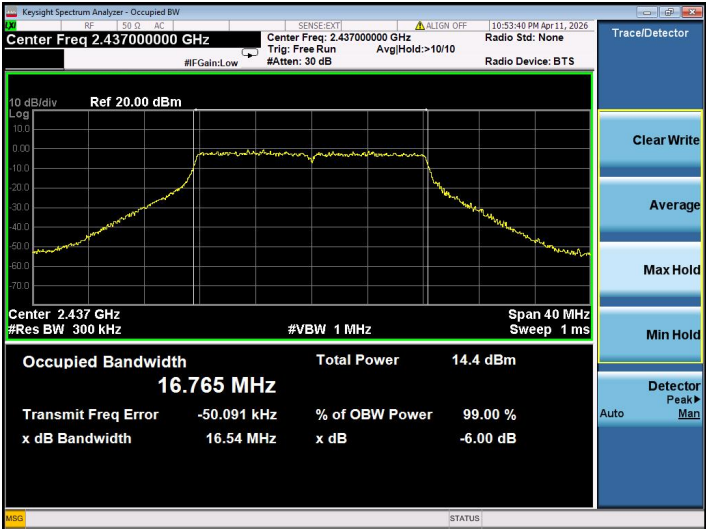
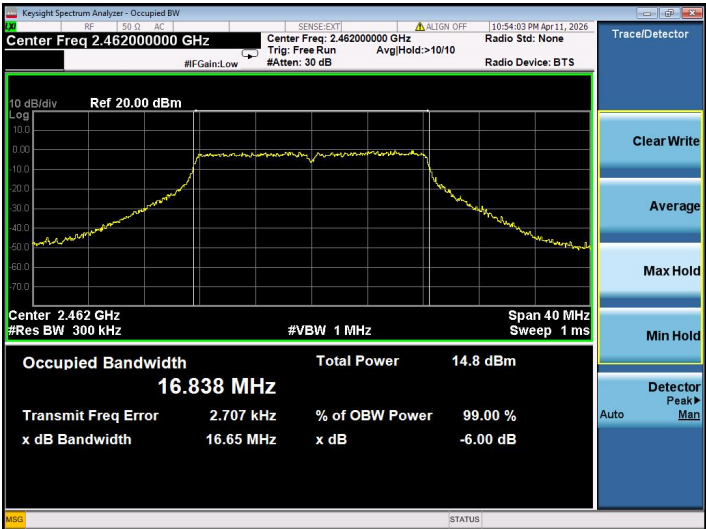


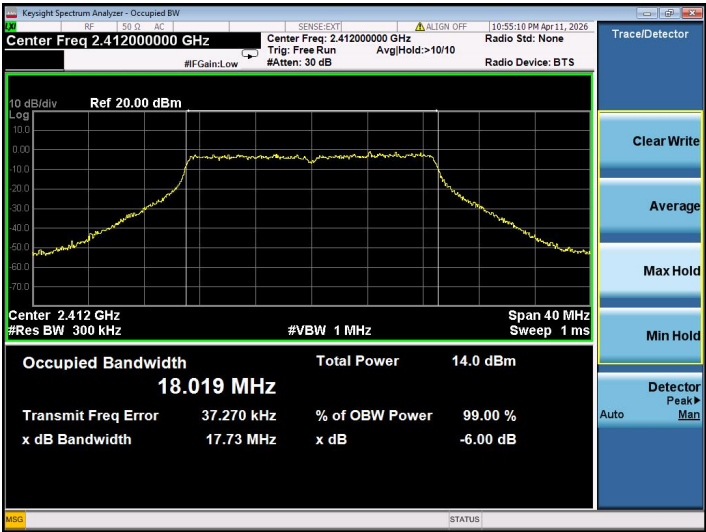
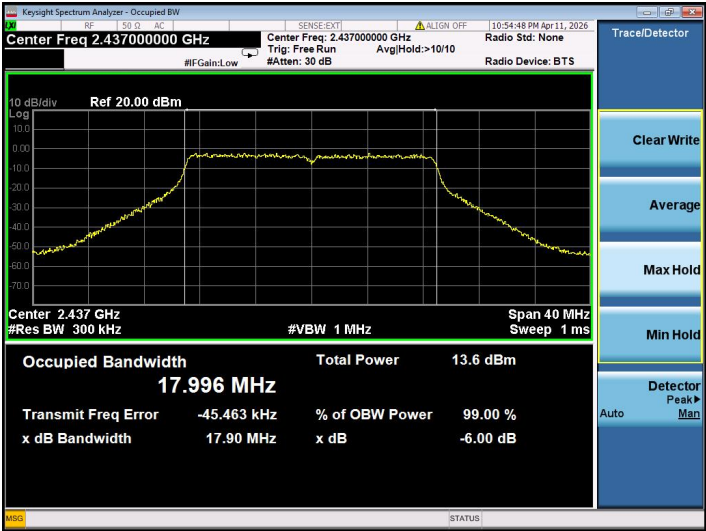
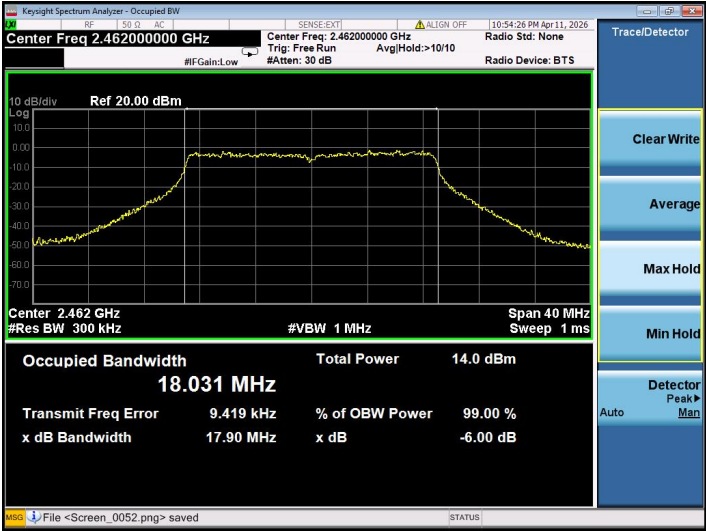
|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| 802.11n-HT20-Low    |    |
| 802.11n-HT20-Middle |   |
| 802.11n-HT20-High   |  |

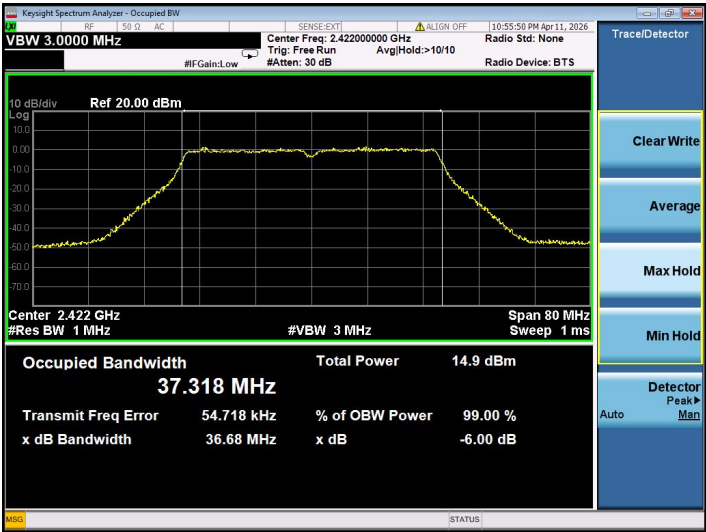
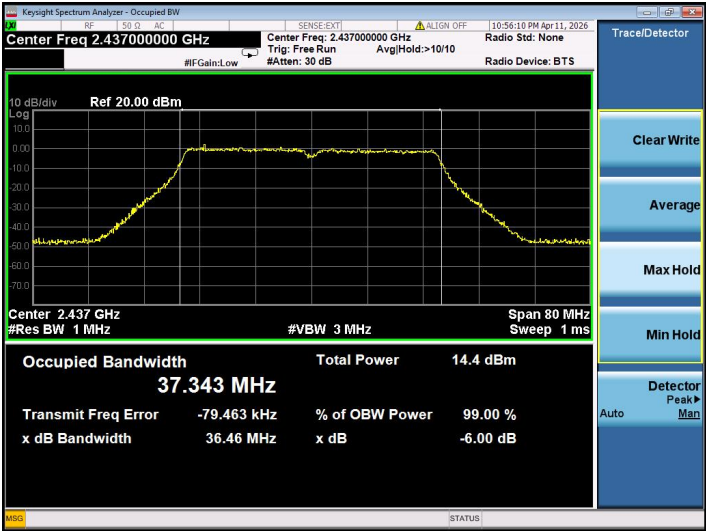
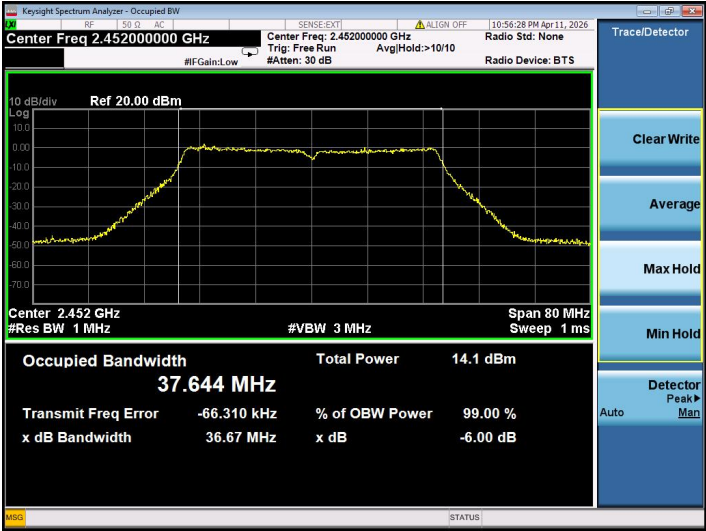
|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 802.11n-HT40-Low    |  <p>Key features of the 802.11n-HT40-Low screenshot:</p> <ul style="list-style-type: none"><li>Center Freq: 2.42200000 GHz</li><li>Span: 80 MHz</li><li>Occupied Bandwidth: 37.415 MHz</li><li>Total Power: 15.1 dBm</li><li>Transmit Freq Error: 1.747 kHz</li><li>% of OBW Power: 99.00 %</li><li>x dB Bandwidth: 36.63 MHz</li><li>x dB: -6.00 dB</li></ul>        |
| 802.11n-HT40-Middle |  <p>Key features of the 802.11n-HT40-Middle screenshot:</p> <ul style="list-style-type: none"><li>Center Freq: 2.437000000 GHz</li><li>Span: 80 MHz</li><li>Occupied Bandwidth: 37.288 MHz</li><li>Total Power: 14.7 dBm</li><li>Transmit Freq Error: -153.66 kHz</li><li>% of OBW Power: 99.00 %</li><li>x dB Bandwidth: 36.50 MHz</li><li>x dB: -6.00 dB</li></ul> |
| 802.11n-HT40-High   |  <p>Key features of the 802.11n-HT40-High screenshot:</p> <ul style="list-style-type: none"><li>Center Freq: 2.452000000 GHz</li><li>Span: 80 MHz</li><li>Occupied Bandwidth: 37.659 MHz</li><li>Total Power: 14.1 dBm</li><li>Transmit Freq Error: -130.13 kHz</li><li>% of OBW Power: 99.00 %</li><li>x dB Bandwidth: 36.55 MHz</li><li>x dB: -6.00 dB</li></ul>  |

Antenna 2

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>802.11b-Low</p>    |  <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.41200000 GHz</p> <p>Center Freq: 2.41200000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 2.412 GHz</p> <p>#Res BW 300 kHz</p> <p>#VBW 1 MHz</p> <p>Span 30 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 12.838 MHz</p> <p>Total Power 15.8 dBm</p> <p>Transmit Freq Error -9.640 kHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB Bandwidth 6.845 MHz</p> <p>x dB -6.00 dB</p> <p>Trace/Detector</p> <p>Clear Write</p> <p>Average</p> <p>Max Hold</p> <p>Min Hold</p> <p>Detector Peak</p> <p>Auto Man</p> <p>STATUS</p>   |
| <p>802.11b-Middle</p> |  <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.43700000 GHz</p> <p>Center Freq: 2.43700000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 2.437 GHz</p> <p>#Res BW 300 kHz</p> <p>#VBW 1 MHz</p> <p>Span 30 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 12.858 MHz</p> <p>Total Power 15.4 dBm</p> <p>Transmit Freq Error -121.40 kHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB Bandwidth 6.378 MHz</p> <p>x dB -6.00 dB</p> <p>Trace/Detector</p> <p>Clear Write</p> <p>Average</p> <p>Max Hold</p> <p>Min Hold</p> <p>Detector Peak</p> <p>Auto Man</p> <p>STATUS</p> |
| <p>802.11b-High</p>   |  <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Span 30.000 MHz</p> <p>Center Freq: 2.46200000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 2.462 GHz</p> <p>#Res BW 300 kHz</p> <p>#VBW 1 MHz</p> <p>Span 30 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth 12.919 MHz</p> <p>Total Power 15.8 dBm</p> <p>Transmit Freq Error -15.587 kHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB Bandwidth 6.154 MHz</p> <p>x dB -6.00 dB</p> <p>Trace/Detector</p> <p>Clear Write</p> <p>Average</p> <p>Max Hold</p> <p>Min Hold</p> <p>Detector Peak</p> <p>Auto Man</p> <p>STATUS</p>           |

|                |                                                                                      |
|----------------|--------------------------------------------------------------------------------------|
| 802.11g-Low    |    |
| 802.11g-Middle |   |
| 802.11g-High   |  |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 802.11n-HT20-Low    |  <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.41200000 GHz</p> <p>Center Freq: 2.41200000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Log</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 18.019 MHz</p> <p>Total Power 14.0 dBm</p> <p>Transmit Freq Error 37.270 kHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB Bandwidth 17.73 MHz</p> <p>x dB -6.00 dB</p> <p>Clear Write</p> <p>Average</p> <p>Max Hold</p> <p>Min Hold</p> <p>Detector Peak</p> <p>Auto</p> <p>Man</p> <p>File &lt;Screen_0052.png&gt; saved</p>  |
| 802.11n-HT20-Middle |  <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.43700000 GHz</p> <p>Center Freq: 2.43700000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Log</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 17.996 MHz</p> <p>Total Power 13.6 dBm</p> <p>Transmit Freq Error -45.463 kHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB Bandwidth 17.90 MHz</p> <p>x dB -6.00 dB</p> <p>Clear Write</p> <p>Average</p> <p>Max Hold</p> <p>Min Hold</p> <p>Detector Peak</p> <p>Auto</p> <p>Man</p>                                          |
| 802.11n-HT20-High   |  <p>Keysight Spectrum Analyzer - Occupied BW</p> <p>Center Freq 2.46200000 GHz</p> <p>Center Freq: 2.46200000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Log</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 18.031 MHz</p> <p>Total Power 14.0 dBm</p> <p>Transmit Freq Error 9.419 kHz</p> <p>% of OBW Power 99.00 %</p> <p>x dB Bandwidth 17.90 MHz</p> <p>x dB -6.00 dB</p> <p>Clear Write</p> <p>Average</p> <p>Max Hold</p> <p>Min Hold</p> <p>Detector Peak</p> <p>Auto</p> <p>Man</p> <p>File &lt;Screen_0052.png&gt; saved</p> |

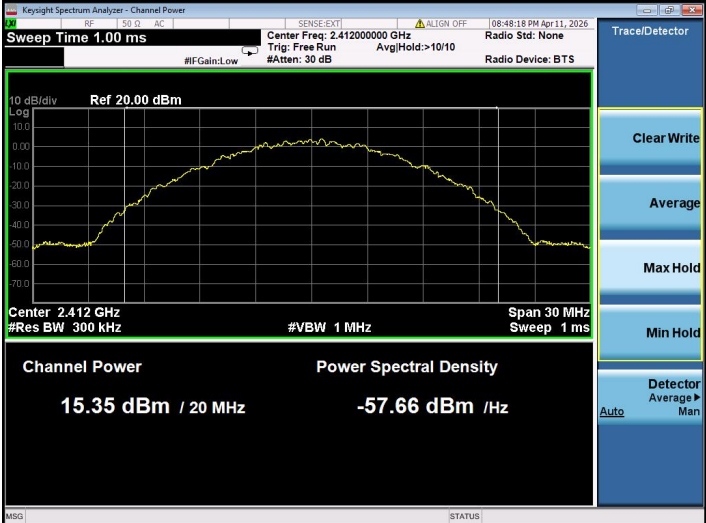
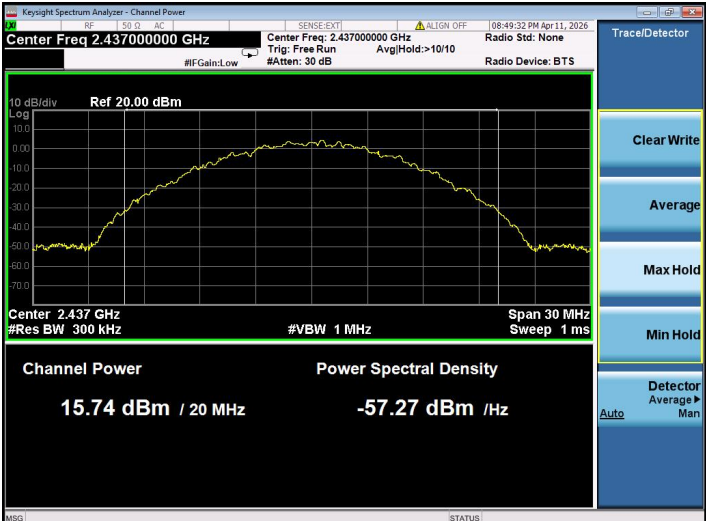
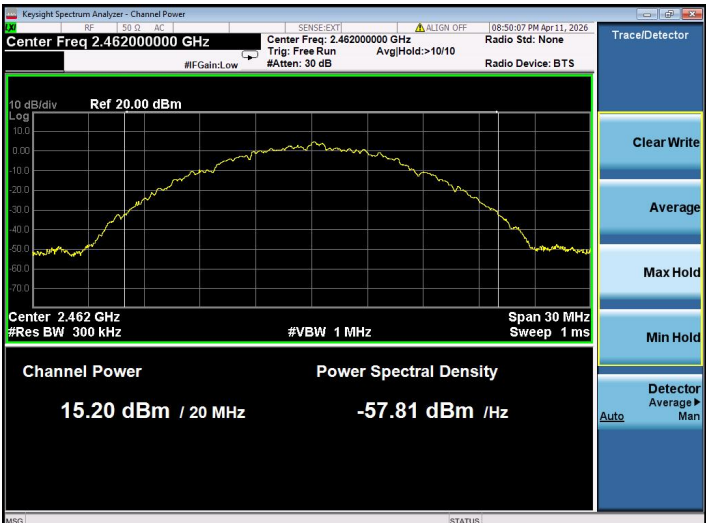
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|---------------------|--------------------------------------------------------------------------------------|
| 802.11n-HT40-Low    |    |
| 802.11n-HT40-Middle |   |
| 802.11n-HT40-High   |  |

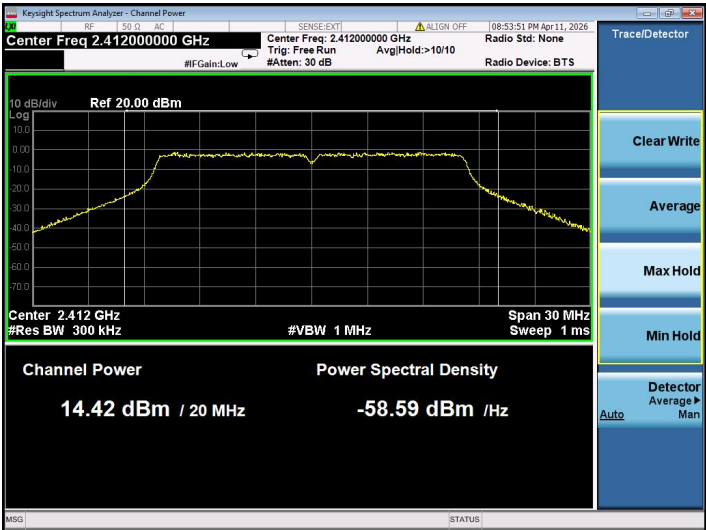
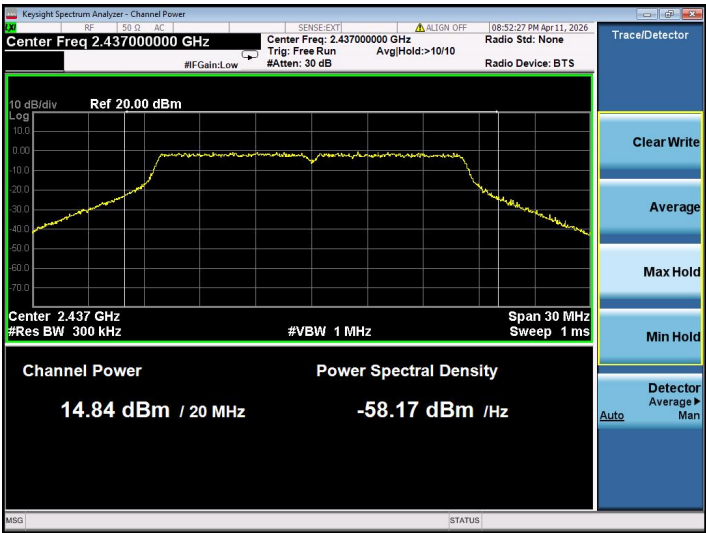
## APPENDIX C

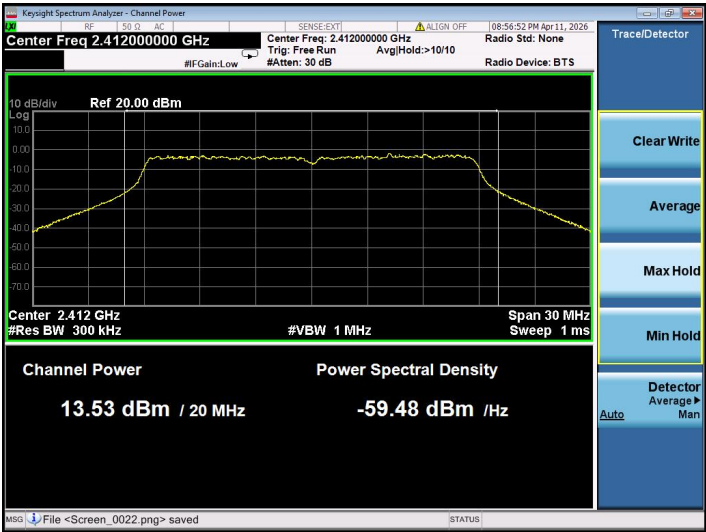
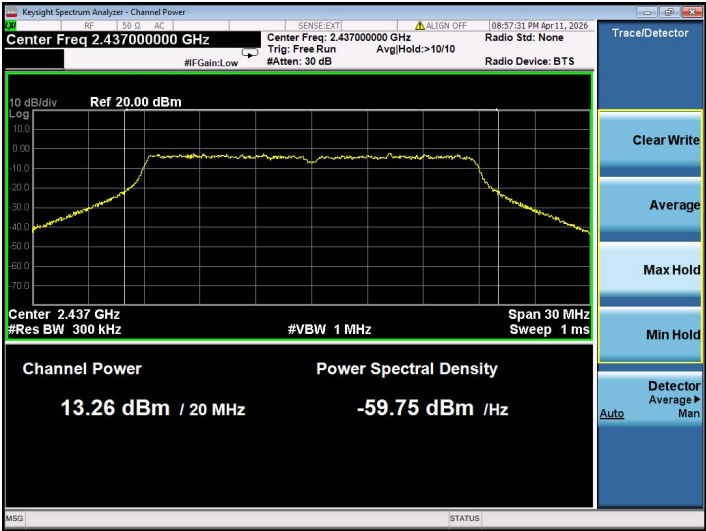
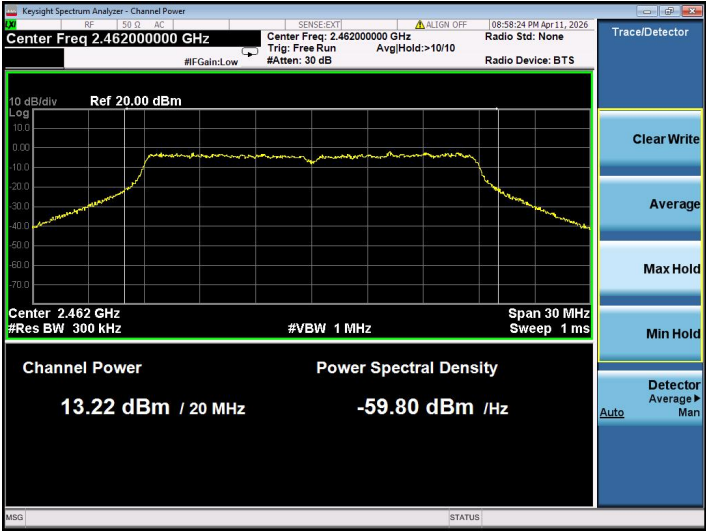
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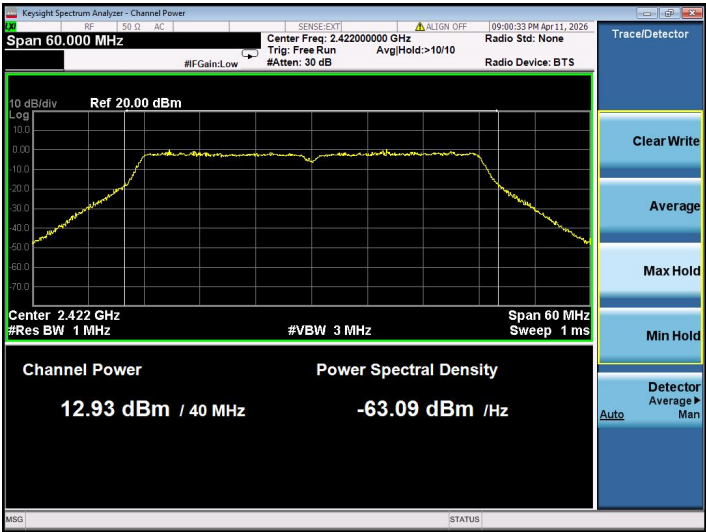
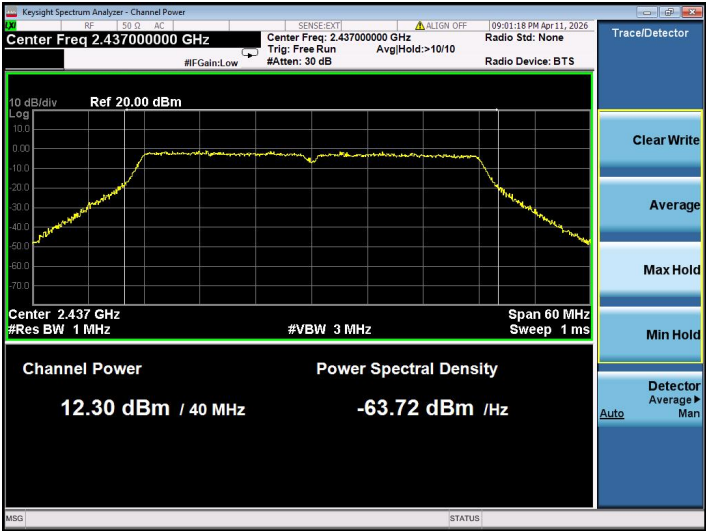
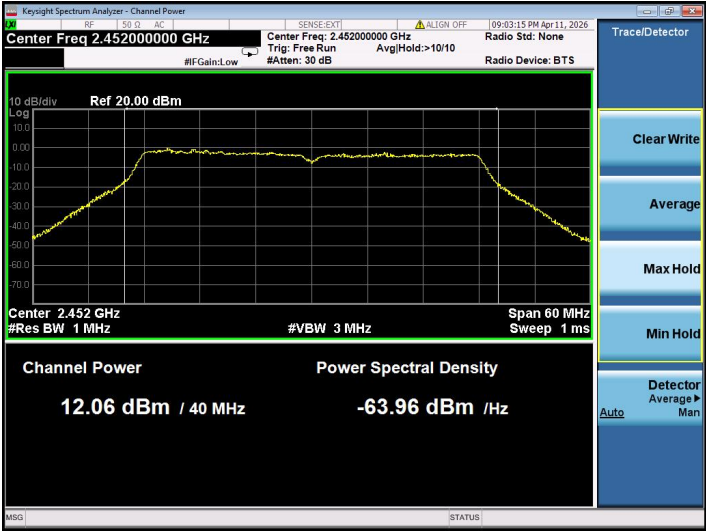
| RF Output Power   |                  |                  |                  |                    |              |
|-------------------|------------------|------------------|------------------|--------------------|--------------|
| Test Mode         | Frequency<br>MHz | Antenna 0<br>dBm | Antenna 1<br>dBm | Total Power<br>dBm | Limit<br>dBm |
| 802.11b_1Mbps     | 2412             | 15.35            | 15.44            | /                  | 30.00        |
|                   | 2437             | 15.74            | 15.03            | /                  | 30.00        |
|                   | 2462             | 15.20            | 15.50            | /                  | 30.00        |
| 802.11g_6Mbps     | 2412             | 14.42            | 14.39            | /                  | 30.00        |
|                   | 2437             | 14.84            | 14.83            | /                  | 30.00        |
|                   | 2462             | 14.48            | 14.41            | /                  | 30.00        |
| 802.11n HT20_MCS0 | 2412             | 13.53            | 13.83            | 16.69              | 30.00        |
|                   | 2437             | 13.26            | 13.29            | 16.29              | 30.00        |
|                   | 2462             | 13.22            | 13.48            | 16.36              | 30.00        |
| 802.11n HT40_MCS0 | 2422             | 12.93            | 12.63            | 15.79              | 30.00        |
|                   | 2437             | 12.30            | 12.36            | 15.34              | 30.00        |
|                   | 2452             | 12.06            | 12.10            | 15.09              | 30.00        |

Antenna 0

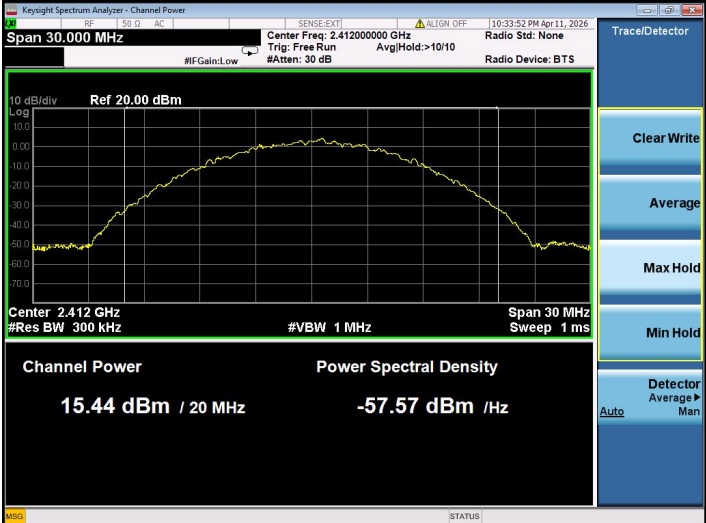
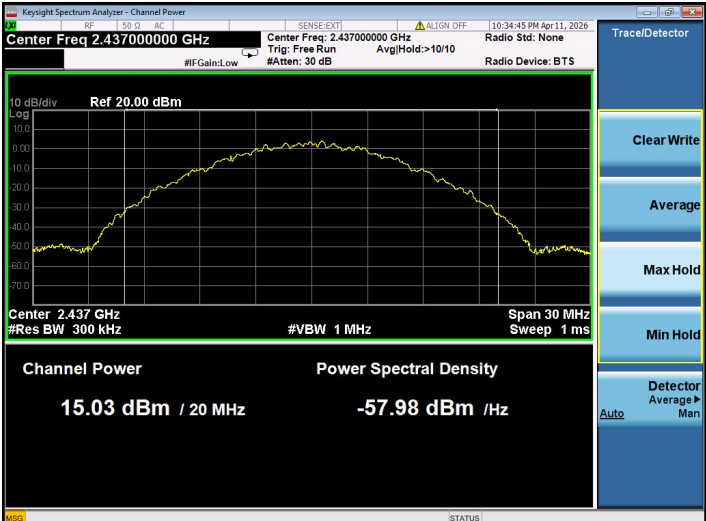
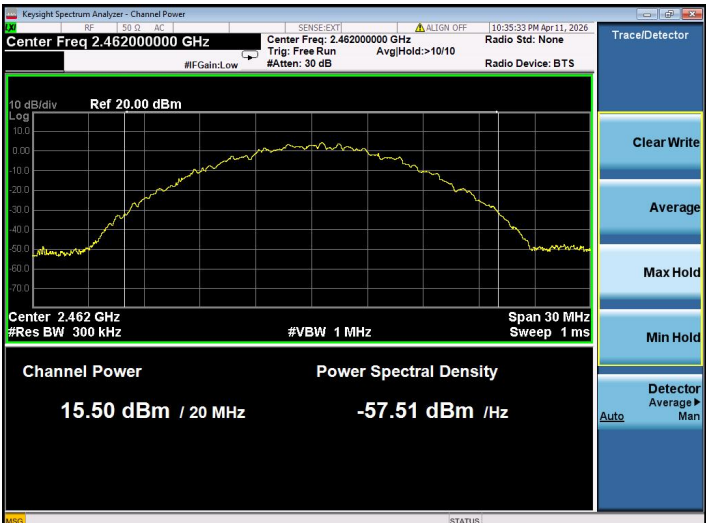
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>802.11b-Low</p>    |  <p>The screenshot shows the Keysight Spectrum Analyzer interface for the 802.11b-Low channel. The center frequency is 2.412 GHz, with a resolution bandwidth of 300 kHz and a video bandwidth of 1 MHz. The channel power is 15.35 dBm / 20 MHz, and the power spectral density is -57.66 dBm / Hz. The interface includes a graph of the spectrum, a table of power measurements, and a sidebar with controls like Trace/Detector, Clear Write, Average, Max Hold, Min Hold, and Detector settings.</p>     |
| <p>802.11b-Middle</p> |  <p>The screenshot shows the Keysight Spectrum Analyzer interface for the 802.11b-Middle channel. The center frequency is 2.437 GHz, with a resolution bandwidth of 300 kHz and a video bandwidth of 1 MHz. The channel power is 15.74 dBm / 20 MHz, and the power spectral density is -57.27 dBm / Hz. The interface includes a graph of the spectrum, a table of power measurements, and a sidebar with controls like Trace/Detector, Clear Write, Average, Max Hold, Min Hold, and Detector settings.</p> |
| <p>802.11b-High</p>   |  <p>The screenshot shows the Keysight Spectrum Analyzer interface for the 802.11b-High channel. The center frequency is 2.462 GHz, with a resolution bandwidth of 300 kHz and a video bandwidth of 1 MHz. The channel power is 15.20 dBm / 20 MHz, and the power spectral density is -57.81 dBm / Hz. The interface includes a graph of the spectrum, a table of power measurements, and a sidebar with controls like Trace/Detector, Clear Write, Average, Max Hold, Min Hold, and Detector settings.</p>  |

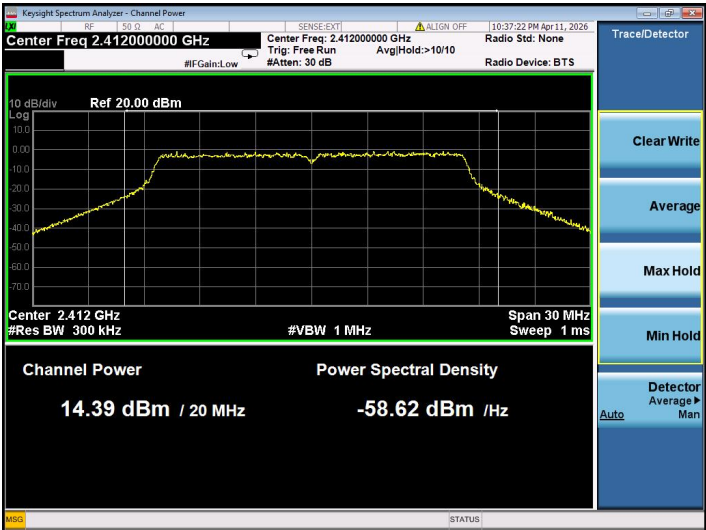
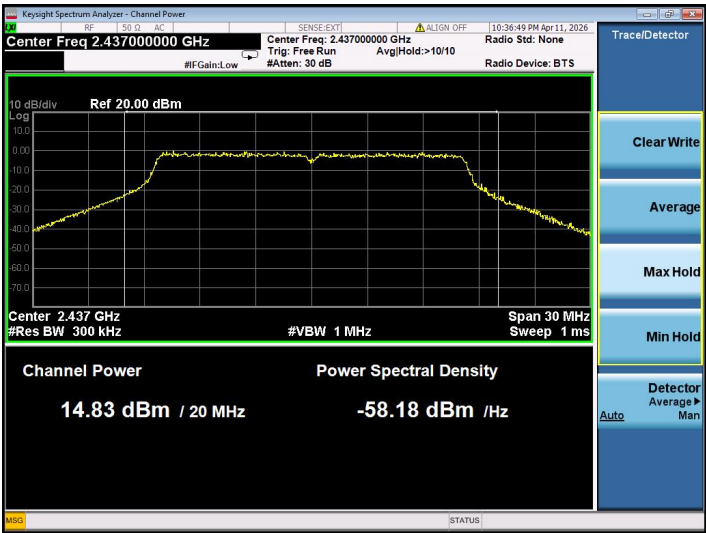
|                       |                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------|
| <p>802.11g-Low</p>    |    |
| <p>802.11g-Middle</p> |   |
| <p>802.11g-High</p>   |  |

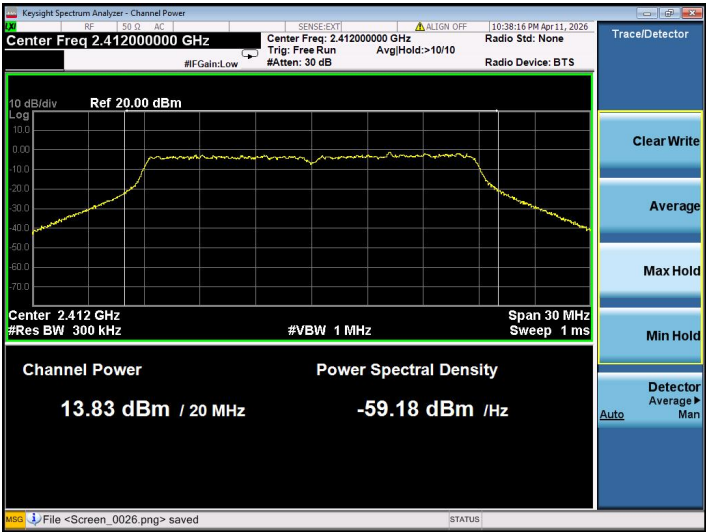
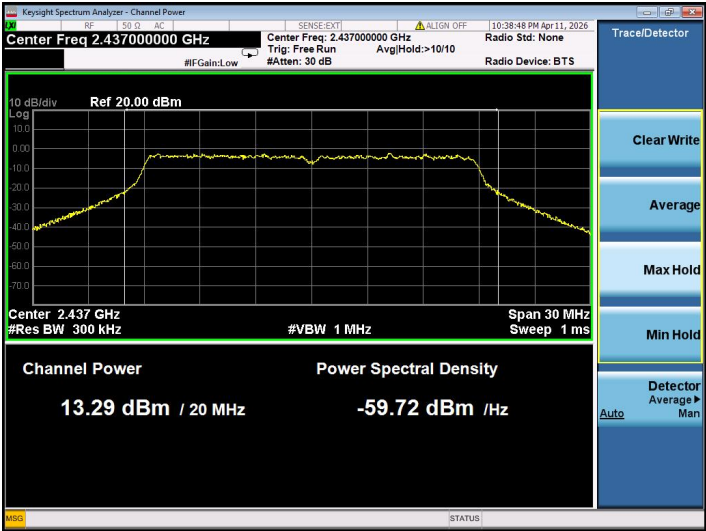
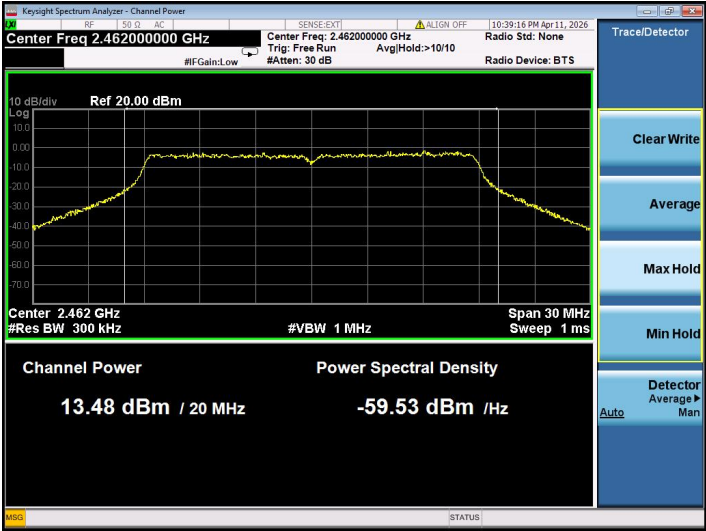
|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 802.11n-HT20-Low    |  <p>Keysight Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.41200000 GHz</p> <p>Center Freq: 2.41200000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 2.412 GHz</p> <p>#Res BW 300 kHz</p> <p>#VBW 1 MHz</p> <p>Span 30 MHz</p> <p>Sweep 1 ms</p> <p>Channel Power</p> <p>13.53 dBm / 20 MHz</p> <p>Power Spectral Density</p> <p>-59.48 dBm / Hz</p> <p>MSG: File &lt;Screen_0022.png&gt; saved</p> <p>STATUS</p> |
| 802.11n-HT20-Middle |  <p>Keysight Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.43700000 GHz</p> <p>Center Freq: 2.43700000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 2.437 GHz</p> <p>#Res BW 300 kHz</p> <p>#VBW 1 MHz</p> <p>Span 30 MHz</p> <p>Sweep 1 ms</p> <p>Channel Power</p> <p>13.26 dBm / 20 MHz</p> <p>Power Spectral Density</p> <p>-59.75 dBm / Hz</p> <p>MSG</p> <p>STATUS</p>                                    |
| 802.11n-HT20-High   |  <p>Keysight Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.46200000 GHz</p> <p>Center Freq: 2.46200000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 2.462 GHz</p> <p>#Res BW 300 kHz</p> <p>#VBW 1 MHz</p> <p>Span 30 MHz</p> <p>Sweep 1 ms</p> <p>Channel Power</p> <p>13.22 dBm / 20 MHz</p> <p>Power Spectral Density</p> <p>-59.80 dBm / Hz</p> <p>MSG</p> <p>STATUS</p>                                   |

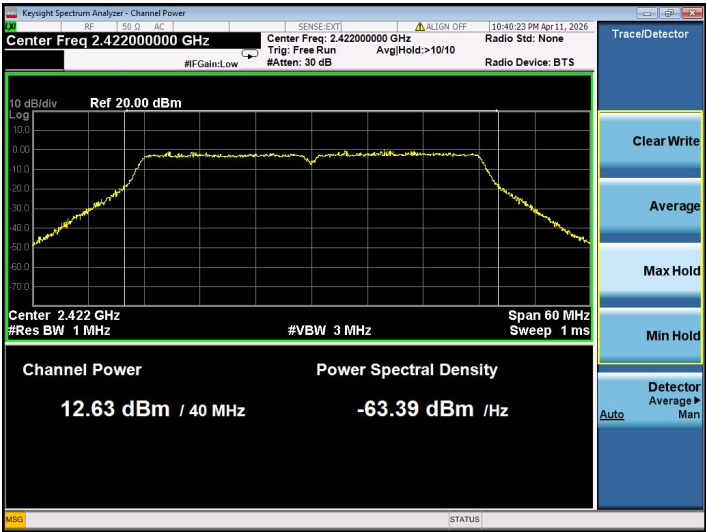
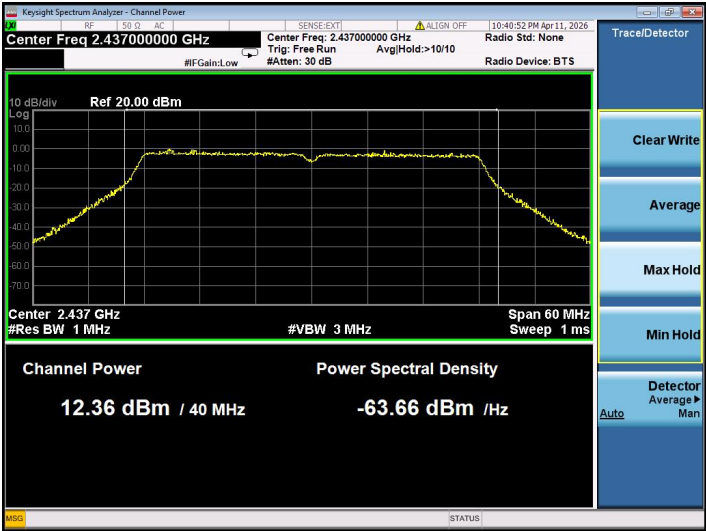
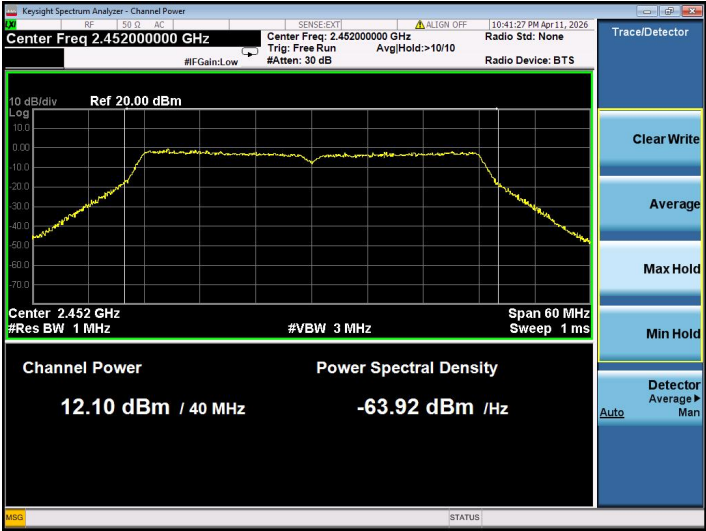
|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 802.11n-HT40-Low    |  <p>Keysight Spectrum Analyzer - Channel Power</p> <p>Center Freq: 2.42200000 GHz<br/>Trig: Free Run<br/>Avg/Hold: &gt;10/10<br/>Radio Std: None<br/>Radio Device: BTS</p> <p>Span 60.000 MHz<br/>#IF Gain: Low<br/>#Atten: 30 dB</p> <p>Ref 20.00 dBm</p> <p>10 dB/div<br/>Log</p> <p>Center 2.422 GHz<br/>#Res BW 1 MHz<br/>#VBW 3 MHz<br/>Span 60 MHz<br/>Sweep 1 ms</p> <p>Channel Power<br/>12.93 dBm / 40 MHz</p> <p>Power Spectral Density<br/>-63.09 dBm / Hz</p> <p>MSG (STATUS)</p> <p>Trace/Detector<br/>Clear Write<br/>Average<br/>Max Hold<br/>Min Hold<br/>Detector<br/>Average<br/>Auto Man</p>    |
| 802.11n-HT40-Middle |  <p>Keysight Spectrum Analyzer - Channel Power</p> <p>Center Freq: 2.437000000 GHz<br/>Trig: Free Run<br/>Avg/Hold: &gt;10/10<br/>Radio Std: None<br/>Radio Device: BTS</p> <p>Span 60.000 MHz<br/>#IF Gain: Low<br/>#Atten: 30 dB</p> <p>Ref 20.00 dBm</p> <p>10 dB/div<br/>Log</p> <p>Center 2.437 GHz<br/>#Res BW 1 MHz<br/>#VBW 3 MHz<br/>Span 60 MHz<br/>Sweep 1 ms</p> <p>Channel Power<br/>12.30 dBm / 40 MHz</p> <p>Power Spectral Density<br/>-63.72 dBm / Hz</p> <p>MSG (STATUS)</p> <p>Trace/Detector<br/>Clear Write<br/>Average<br/>Max Hold<br/>Min Hold<br/>Detector<br/>Average<br/>Auto Man</p>  |
| 802.11n-HT40-High   |  <p>Keysight Spectrum Analyzer - Channel Power</p> <p>Center Freq: 2.452000000 GHz<br/>Trig: Free Run<br/>Avg/Hold: &gt;10/10<br/>Radio Std: None<br/>Radio Device: BTS</p> <p>Span 60.000 MHz<br/>#IF Gain: Low<br/>#Atten: 30 dB</p> <p>Ref 20.00 dBm</p> <p>10 dB/div<br/>Log</p> <p>Center 2.452 GHz<br/>#Res BW 1 MHz<br/>#VBW 3 MHz<br/>Span 60 MHz<br/>Sweep 1 ms</p> <p>Channel Power<br/>12.06 dBm / 40 MHz</p> <p>Power Spectral Density<br/>-63.96 dBm / Hz</p> <p>MSG (STATUS)</p> <p>Trace/Detector<br/>Clear Write<br/>Average<br/>Max Hold<br/>Min Hold<br/>Detector<br/>Average<br/>Auto Man</p> |

Antenna 1

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <p>802.11b-Low</p>    |  <p>Keysight Spectrum Analyzer - Channel Power</p> <p>Span 30.000 MHz</p> <p>Center Freq: 2.41200000 GHz</p> <p>Trig: Free Run</p> <p>#Atten: 30 dB</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>10 dB/div</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 30 MHz</p> <p>Sweep 1 ms</p> <p>Channel Power</p> <p>15.44 dBm / 20 MHz</p> <p>Power Spectral Density</p> <p>-57.57 dBm / Hz</p> <p>Trace/Detector</p> <p>Clear Write</p> <p>Average</p> <p>Max Hold</p> <p>Min Hold</p> <p>Detector</p> <p>Average</p> <p>Auto</p> <p>Man</p> <p>STATUS</p>                      |
| <p>802.11b-Middle</p> |  <p>Keysight Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>10 dB/div</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 30 MHz</p> <p>Sweep 1 ms</p> <p>Channel Power</p> <p>15.03 dBm / 20 MHz</p> <p>Power Spectral Density</p> <p>-57.98 dBm / Hz</p> <p>Trace/Detector</p> <p>Clear Write</p> <p>Average</p> <p>Max Hold</p> <p>Min Hold</p> <p>Detector</p> <p>Average</p> <p>Auto</p> <p>Man</p> <p>STATUS</p>  |
| <p>802.11b-High</p>   |  <p>Keysight Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.462000000 GHz</p> <p>Center Freq: 2.462000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>10 dB/div</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 30 MHz</p> <p>Sweep 1 ms</p> <p>Channel Power</p> <p>15.50 dBm / 20 MHz</p> <p>Power Spectral Density</p> <p>-57.51 dBm / Hz</p> <p>Trace/Detector</p> <p>Clear Write</p> <p>Average</p> <p>Max Hold</p> <p>Min Hold</p> <p>Detector</p> <p>Average</p> <p>Auto</p> <p>Man</p> <p>STATUS</p> |

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|-----------------------|--------------------------------------------------------------------------------------|
| <p>802.11g-Low</p>    |    |
| <p>802.11g-Middle</p> |   |
| <p>802.11g-High</p>   |  |

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| 802.11n-HT20-Low    |  <p>Keysight Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.412000000 GHz</p> <p>Center Freq: 2.412000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 2.412 GHz</p> <p>#Res BW 300 kHz</p> <p>#VBW 1 MHz</p> <p>Span 30 MHz</p> <p>Sweep 1 ms</p> <p>Channel Power</p> <p>13.83 dBm / 20 MHz</p> <p>Power Spectral Density</p> <p>-59.18 dBm / Hz</p> <p>File &lt;Screen_0026.png&gt; saved</p> <p>STATUS</p> |
| 802.11n-HT20-Middle |  <p>Keysight Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 2.437 GHz</p> <p>#Res BW 300 kHz</p> <p>#VBW 1 MHz</p> <p>Span 30 MHz</p> <p>Sweep 1 ms</p> <p>Channel Power</p> <p>13.29 dBm / 20 MHz</p> <p>Power Spectral Density</p> <p>-59.72 dBm / Hz</p> <p>STATUS</p>                                          |
| 802.11n-HT20-High   |  <p>Keysight Spectrum Analyzer - Channel Power</p> <p>Center Freq 2.462000000 GHz</p> <p>Center Freq: 2.462000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 2.462 GHz</p> <p>#Res BW 300 kHz</p> <p>#VBW 1 MHz</p> <p>Span 30 MHz</p> <p>Sweep 1 ms</p> <p>Channel Power</p> <p>13.48 dBm / 20 MHz</p> <p>Power Spectral Density</p> <p>-59.53 dBm / Hz</p> <p>STATUS</p>                                         |

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|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 802.11n-HT40-Low    |  <p>Keysight Spectrum Analyzer - Channel Power</p> <p>Center Freq: 2.422000000 GHz</p> <p>Center Freq: 2.422000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 2.422 GHz</p> <p>#Res BW 1 MHz</p> <p>#VBW 3 MHz</p> <p>Span 60 MHz</p> <p>Sweep 1 ms</p> <p>Channel Power</p> <p>Power Spectral Density</p> <p>12.63 dBm / 40 MHz</p> <p>-63.39 dBm / Hz</p> <p>Clear Write</p> <p>Average</p> <p>Max Hold</p> <p>Min Hold</p> <p>Detector</p> <p>Average</p> <p>Auto</p> <p>Man</p>   |
| 802.11n-HT40-Middle |  <p>Keysight Spectrum Analyzer - Channel Power</p> <p>Center Freq: 2.437000000 GHz</p> <p>Center Freq: 2.437000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 2.437 GHz</p> <p>#Res BW 1 MHz</p> <p>#VBW 3 MHz</p> <p>Span 60 MHz</p> <p>Sweep 1 ms</p> <p>Channel Power</p> <p>Power Spectral Density</p> <p>12.36 dBm / 40 MHz</p> <p>-63.66 dBm / Hz</p> <p>Clear Write</p> <p>Average</p> <p>Max Hold</p> <p>Min Hold</p> <p>Detector</p> <p>Average</p> <p>Auto</p> <p>Man</p>  |
| 802.11n-HT40-High   |  <p>Keysight Spectrum Analyzer - Channel Power</p> <p>Center Freq: 2.452000000 GHz</p> <p>Center Freq: 2.452000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: &gt;10/10</p> <p>Radio Std: None</p> <p>Radio Device: BTS</p> <p>Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Log</p> <p>Center 2.452 GHz</p> <p>#Res BW 1 MHz</p> <p>#VBW 3 MHz</p> <p>Span 60 MHz</p> <p>Sweep 1 ms</p> <p>Channel Power</p> <p>Power Spectral Density</p> <p>12.10 dBm / 40 MHz</p> <p>-63.92 dBm / Hz</p> <p>Clear Write</p> <p>Average</p> <p>Max Hold</p> <p>Min Hold</p> <p>Detector</p> <p>Average</p> <p>Auto</p> <p>Man</p> |

APPENDIX D

Conducted Out of Band Emissions  
Antenna 0

802.11b-Low

