

APPENDIX REPORT

| | | | |
|-----------------|-----------------|---------------------|---------------|
| Project No. | SHT2012093501EW | Radio Specification | WIFI 2.4G |
| Test sample No. | YPHT20120935003 | Model No. | NOBU A60 Pro |
| Start test date | 2020/12/31 | Finish date | 2020/12/31 |
| Temperature | 23.6°C | Humidity | 38% |
| Test Engineer | Hailey Chen | Auditor | Xiaodong Zheo |

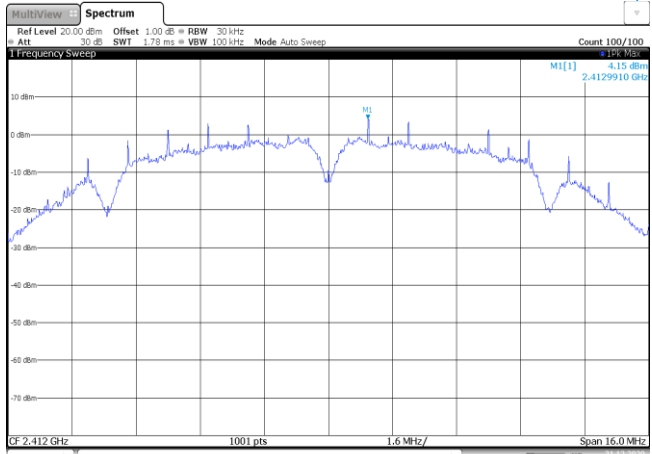
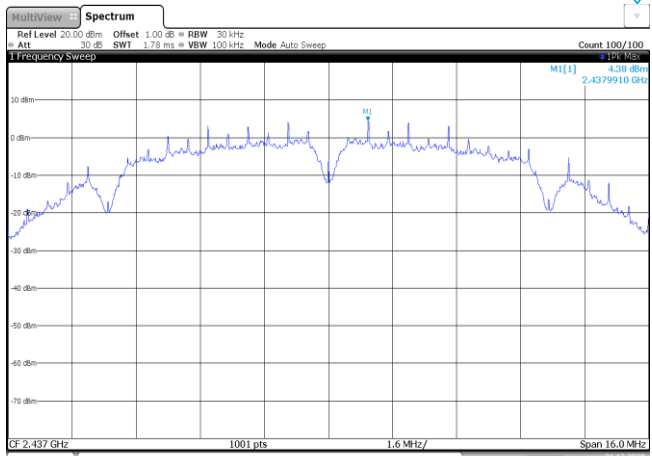
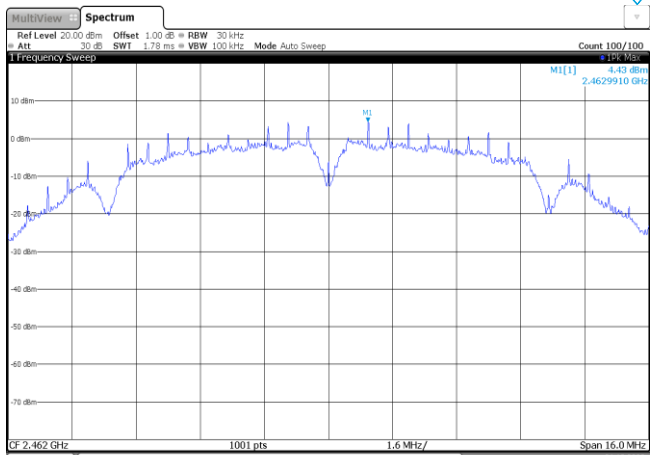
| Appendix clause | Test item | Result |
|-----------------|--|--------|
| A | Conducted Peak Output Power | PASS |
| B | Power Spectral Density | PASS |
| C | 6 dB Bandwidth | PASS |
| D | 99% Occupied Bandwidth | PASS |
| E | Duty Cycle | PASS |
| F | Band edge and Spurious Emissions (conducted) | PASS |

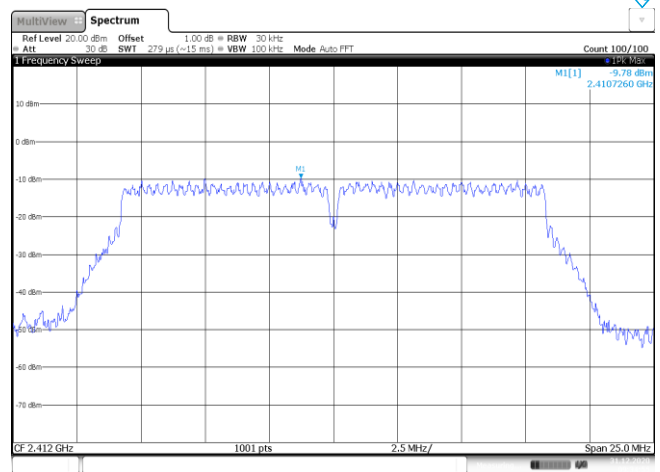
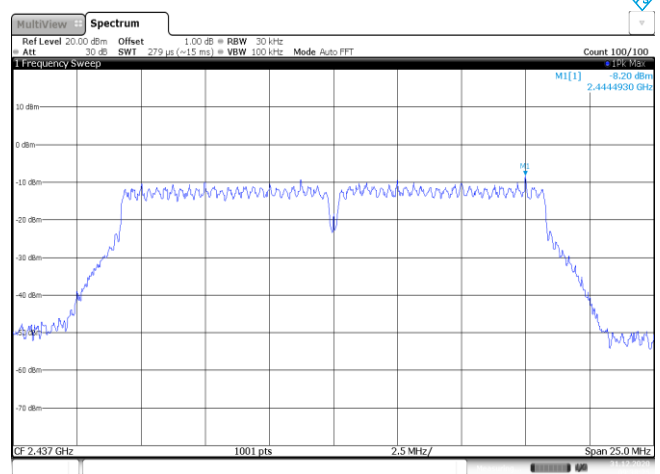
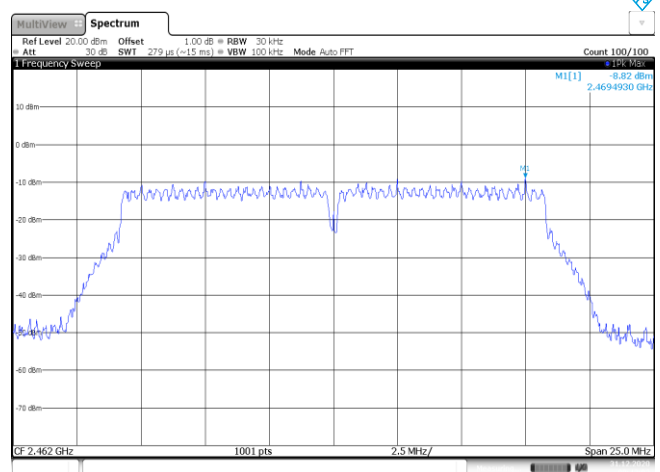
Appendix A: Conducted Peak Output Power

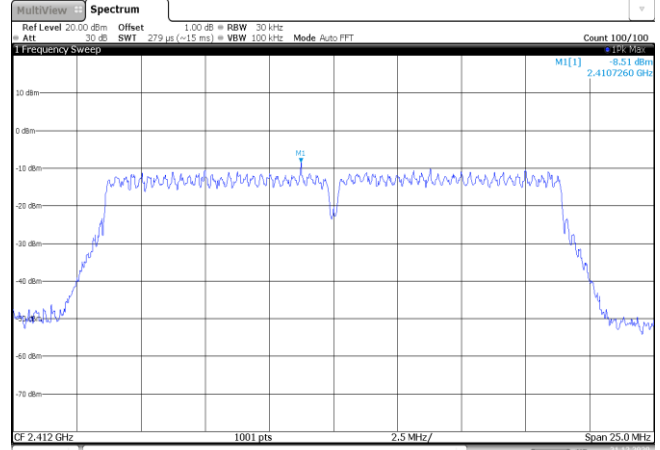
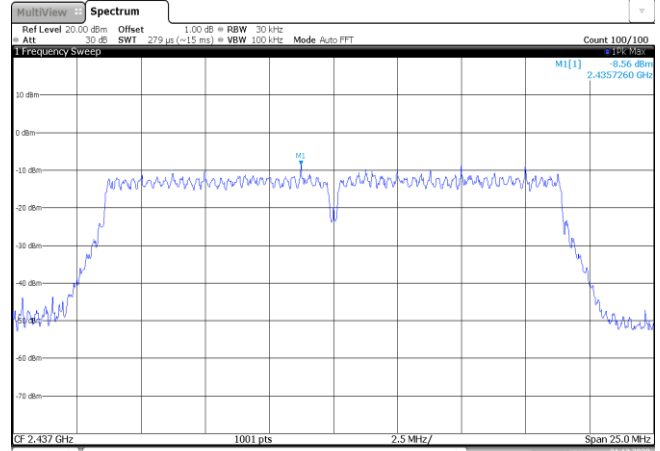
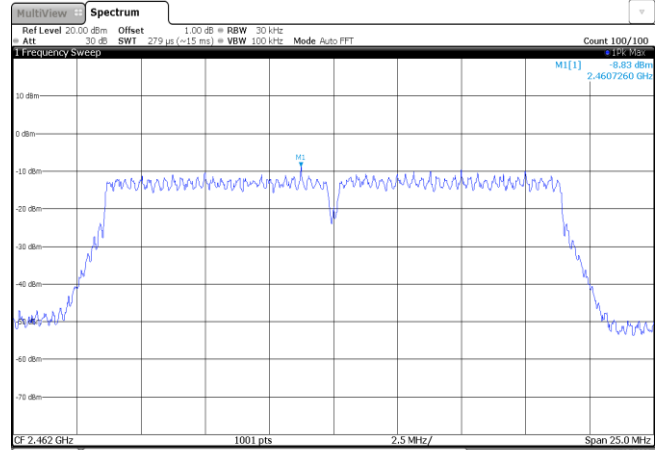
| Type | Channel | Peak Output power (dBm) | Average Output power (dBm) | Limit (dBm) | Result |
|----------------|---------|-------------------------|----------------------------|-------------|--------|
| 802.11b | 01 | 15.86 | 13.07 | ≤ 30.00 | Pass |
| | 06 | 16.11 | 13.68 | | |
| | 11 | 16.30 | 13.86 | | |
| 802.11g | 01 | 15.68 | 13.10 | ≤ 30.00 | Pass |
| | 06 | 16.05 | 13.61 | | |
| | 11 | 16.20 | 13.78 | | |
| 802.11n (HT20) | 01 | 15.60 | 12.97 | ≤ 30.00 | Pass |
| | 06 | 16.44 | 13.56 | | |
| | 11 | 16.49 | 13.84 | | |
| 802.11n(HT40) | 03 | 16.00 | 13.25 | ≤ 30.00 | Pass |
| | 06 | 16.15 | 13.66 | | |
| | 09 | 16.33 | 13.90 | | |

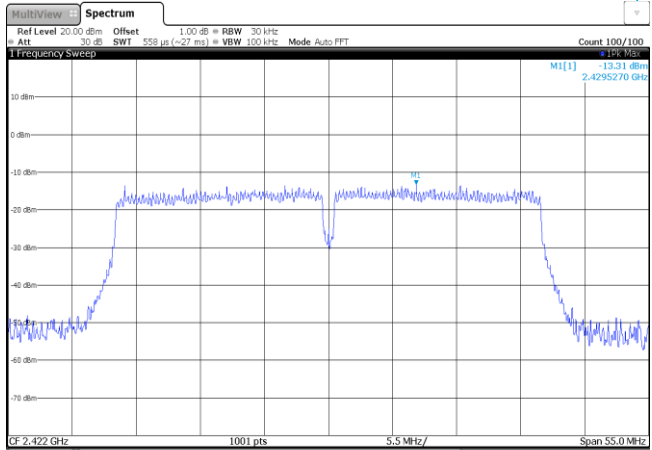
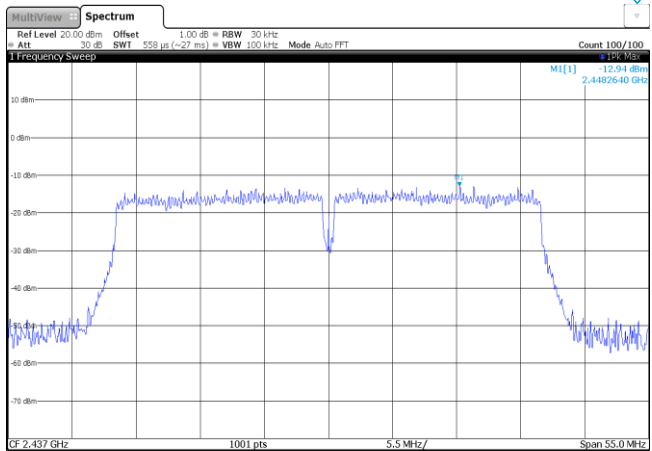
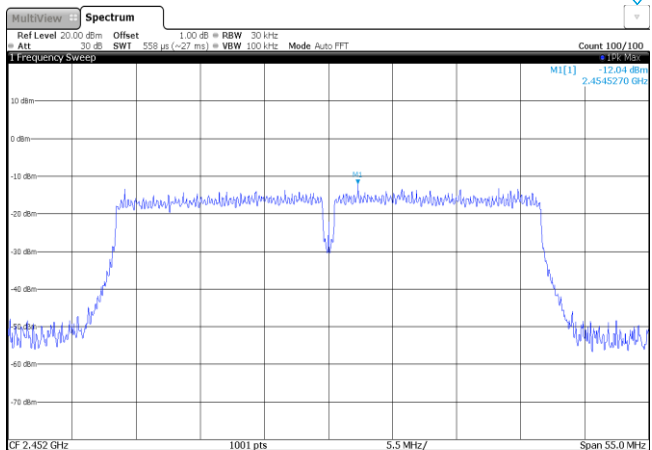
Appendix B: Power Spectral Density

| Type | Channel | Power Spectral Density (dBm/30KHz) | Limit (dBm/3KHz) | Result |
|---------------|---------|------------------------------------|------------------|--------|
| 802.11b | 01 | 4.15 | ≤8.00 | Pass |
| | 06 | 4.38 | | |
| | 11 | 4.43 | | |
| 802.11g | 01 | -9.78 | ≤8.00 | Pass |
| | 06 | -8.20 | | |
| | 11 | -8.82 | | |
| 802.11n(HT20) | 01 | -8.51 | ≤8.00 | Pass |
| | 06 | -8.56 | | |
| | 11 | -8.83 | | |
| 802.11n(HT40) | 03 | -13.31 | ≤8.00 | Pass |
| | 06 | -12.94 | | |
| | 09 | -12.04 | | |

| Type: | 802.11 b |
|-------|--|
| CH01 |  <p>Date: 31.DEC.2020 09:19:27</p> |
| CH06 |  <p>Date: 31.DEC.2020 09:23:00</p> |
| CH11 |  <p>Date: 31.DEC.2020 09:27:02</p> |

| Type: | 802.11 g |
|-------|--|
| CH01 |  <p>Date: 31.DEC.2020 09:04:56</p> |
| CH06 |  <p>Date: 31.DEC.2020 09:09:24</p> |
| CH11 |  <p>Date: 31.DEC.2020 09:42:03</p> |

| Type: | 802.11n(HT20) |
|-------|--|
| CH01 |  <p>Ref Level 20.00 dBm Offset 1.00 dB # RBW 30 kHz Att 30 dB SWI 279 μs (~15 ms) # VBW 100 kHz Mode Auto FFT Count 100/100 M1[1] -15.20 dBm 2.4107260 GHz CF 2.412 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 31.DEC.2020 09:46:13</p> |
| CH06 |  <p>Ref Level 20.00 dBm Offset 1.00 dB # RBW 30 kHz Att 30 dB SWI 279 μs (~15 ms) # VBW 100 kHz Mode Auto FFT Count 100/100 M1[1] -15.20 dBm 2.4357260 GHz CF 2.437 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 31.DEC.2020 09:52:26</p> |
| CH11 |  <p>Ref Level 20.00 dBm Offset 1.00 dB # RBW 30 kHz Att 30 dB SWI 279 μs (~15 ms) # VBW 100 kHz Mode Auto FFT Count 100/100 M1[1] -15.20 dBm 2.4607260 GHz CF 2.462 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 31.DEC.2020 09:57:44</p> |

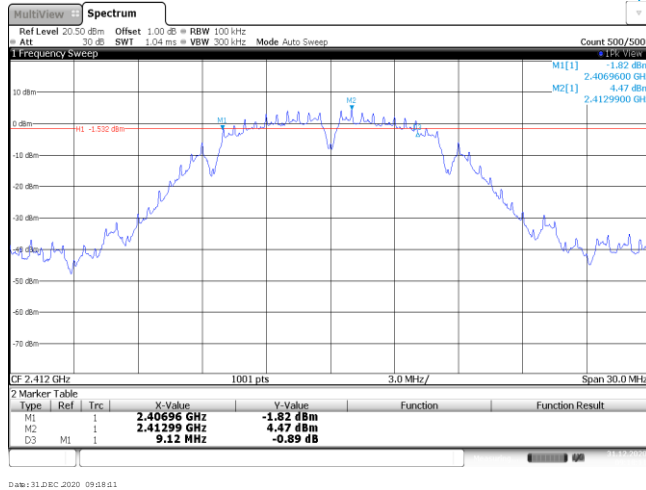
| Type: | 802.11n(HT40) |
|-------|--|
| CH03 |  <p>Ref Level 20.00 dBm Offset 1.00 dB # RBW 30 kHz Att 30 dB SWI 558 μs (~27 ms) # VBW 100 kHz Mode Auto FFT Count 100/100 MI[1] -12.24 dBm 2.4295270 GHz CF 2.422 GHz 1001 pts 5.5 MHz/ Span 55.0 MHz Date: 31.DEC.2020 10:03:28</p> |
| CH06 |  <p>Ref Level 20.00 dBm Offset 1.00 dB # RBW 30 kHz Att 30 dB SWI 558 μs (~27 ms) # VBW 100 kHz Mode Auto FFT Count 100/100 MI[1] -12.24 dBm 2.4482640 GHz CF 2.437 GHz 1001 pts 5.5 MHz/ Span 55.0 MHz Date: 31.DEC.2020 10:06:28</p> |
| CH09 |  <p>Ref Level 20.00 dBm Offset 1.00 dB # RBW 30 kHz Att 30 dB SWI 558 μs (~27 ms) # VBW 100 kHz Mode Auto FFT Count 100/100 MI[1] -12.24 dBm 2.4545270 GHz CF 2.452 GHz 1001 pts 5.5 MHz/ Span 55.0 MHz Date: 31.DEC.2020 10:09:21</p> |

Appendix C: 6dB bandwidth

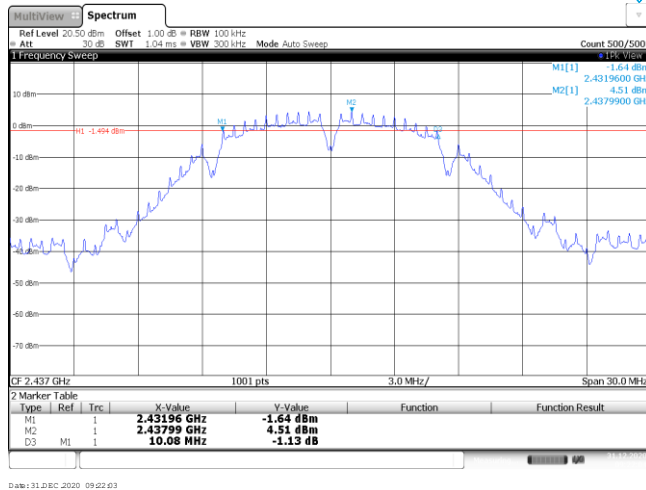
| Type | Channel | 6dB Bandwidth (MHz) | Limit (MHz) | Result |
|---------------|---------|---------------------|-------------|--------|
| 802.11b | 01 | 9.12 | ≥0.5 | Pass |
| | 06 | 10.08 | | |
| | 11 | 9.15 | | |
| 802.11g | 01 | 16.41 | ≥0.5 | Pass |
| | 06 | 16.44 | | |
| | 11 | 16.44 | | |
| 802.11n(HT20) | 01 | 17.64 | ≥0.5 | Pass |
| | 06 | 17.64 | | |
| | 11 | 17.64 | | |
| 802.11n(HT40) | 03 | 36.06 | ≥0.5 | Pass |
| | 06 | 36.18 | | |
| | 09 | 36.18 | | |

Type: **802.11 b**

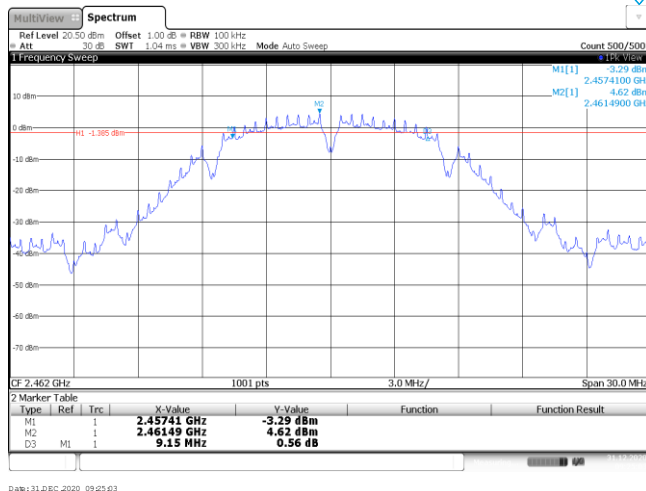
CH01



CH06

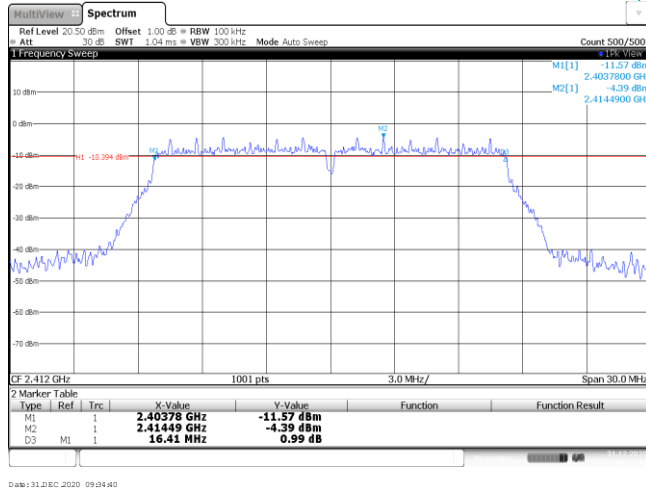


CH11

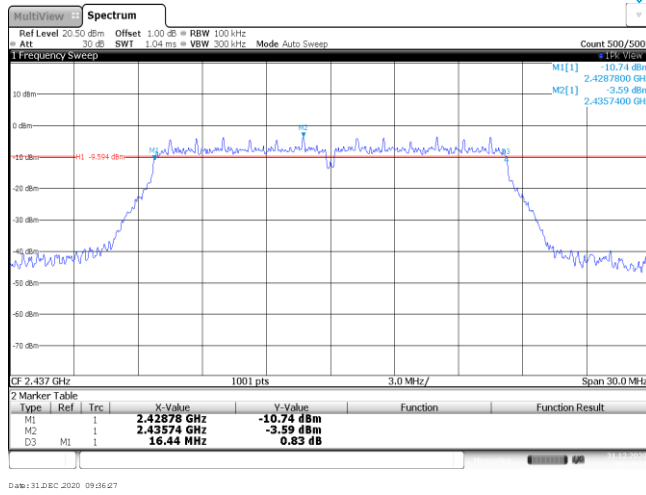


Type: 802.11 g

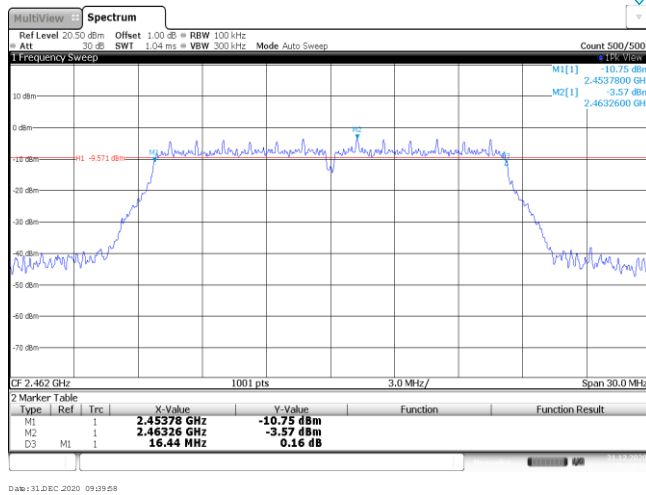
CH01



CH06

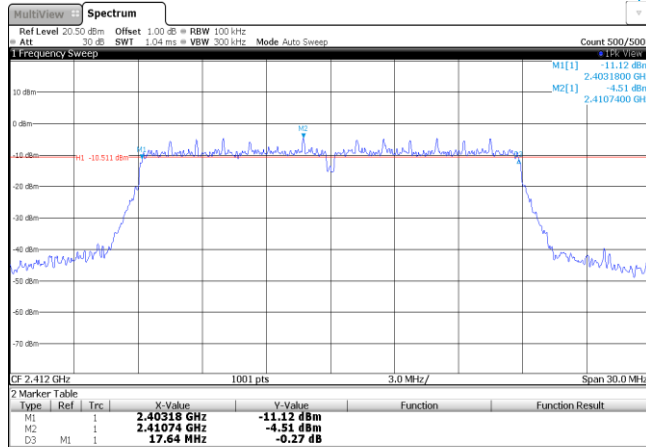


CH11



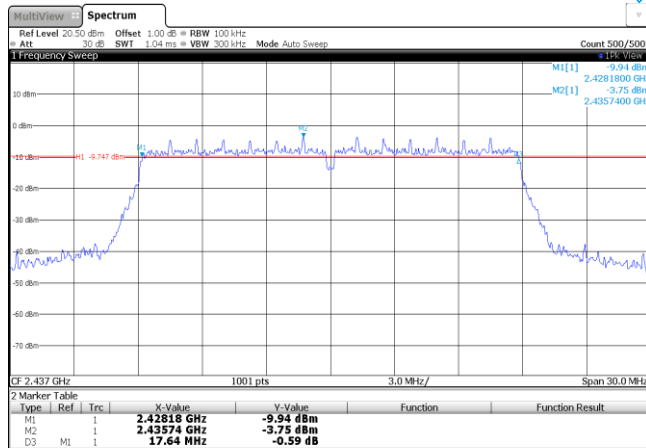
Type: **802.11n(HT20)**

CH01



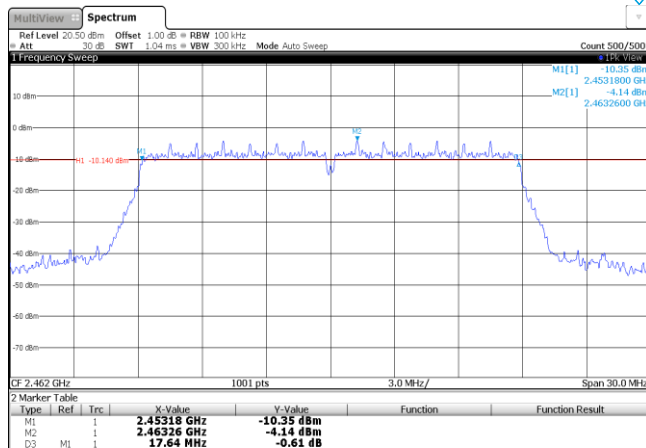
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CH06



Date: 31.DEC.2020 09:48:23

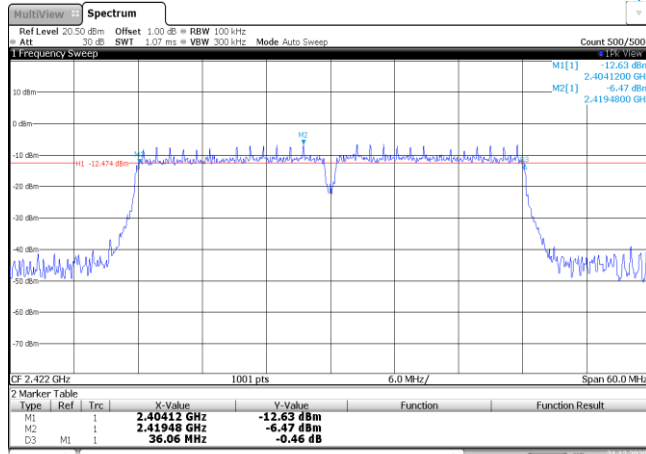
CH11



Date: 31.DEC.2020 09:53:52

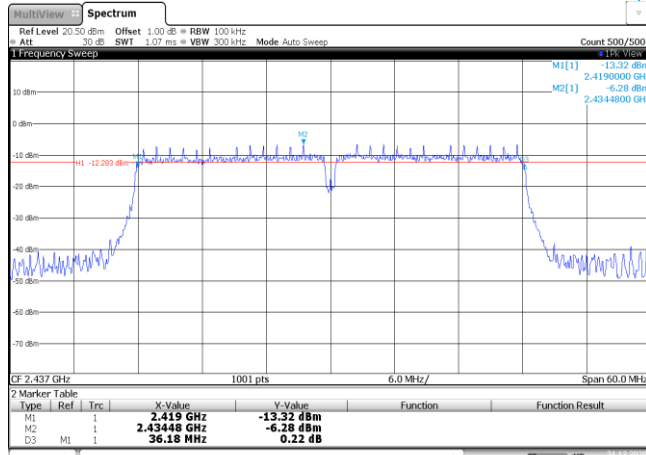
Type: **802.11n(HT40)**

CH03



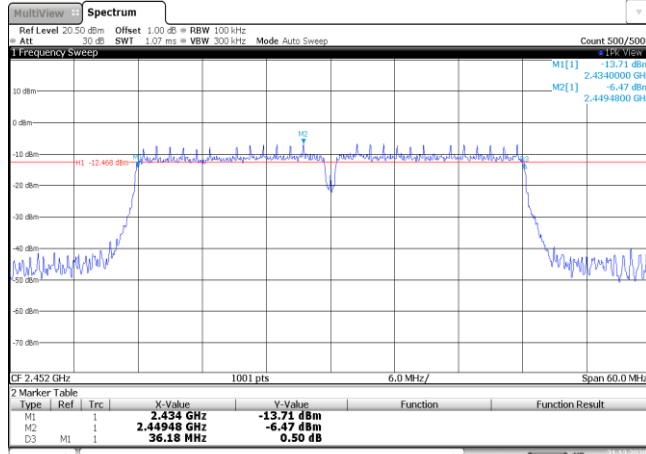
Date: 31.DEC.2020 10:01:49

CH06



Date: 31.DEC.2020 10:05:04

CH09



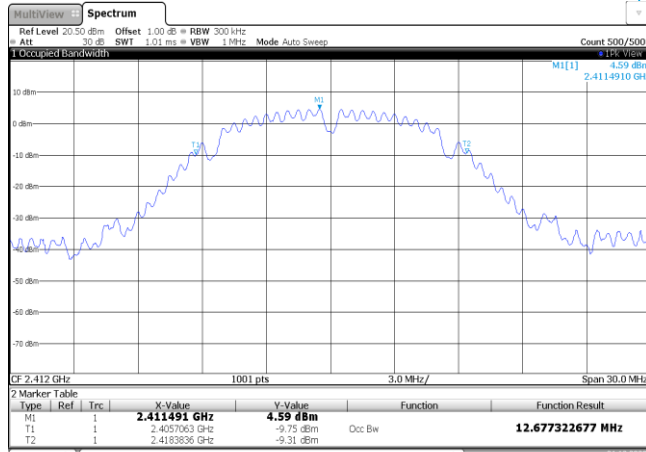
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Appendix D: 99% Occupied Bandwidth

| Type | Channel | 99% Bandwidth (MHz) | Limit (kHz) | Result |
|---------------|---------|---------------------|-------------|--------|
| 802.11b | 01 | 12.68 | - | Pass |
| | 06 | 12.77 | | |
| | 11 | 12.80 | | |
| 802.11g | 01 | 17.02 | - | Pass |
| | 06 | 17.02 | | |
| | 11 | 17.02 | | |
| 802.11n(HT20) | 01 | 17.89 | - | Pass |
| | 06 | 17.89 | | |
| | 11 | 17.89 | | |
| 802.11n(HT40) | 03 | 36.26 | - | Pass |
| | 06 | 36.32 | | |
| | 09 | 36.32 | | |

Type: **802.11 b**

CH01



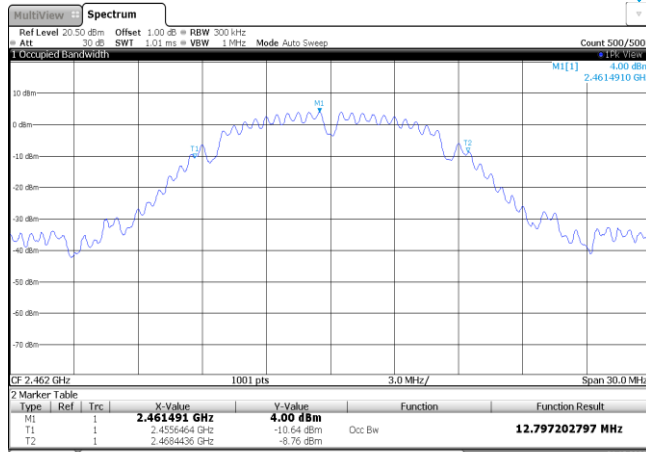
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CH06

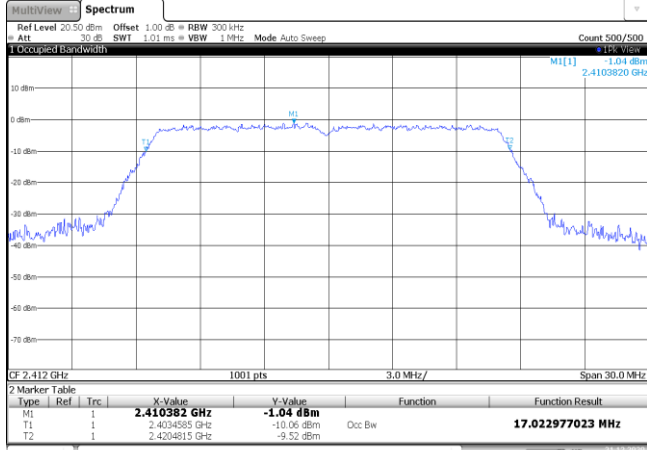
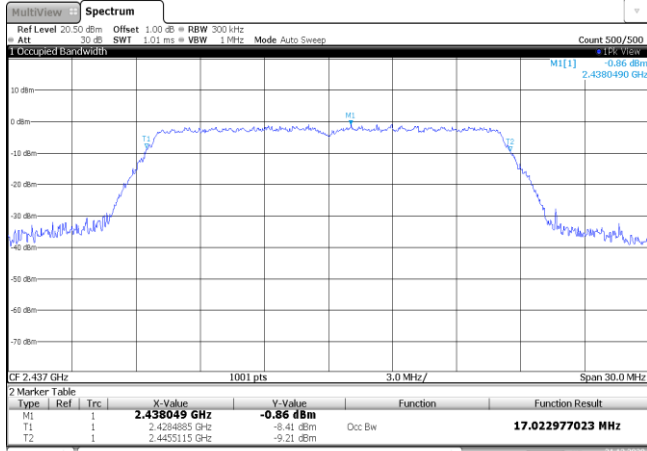
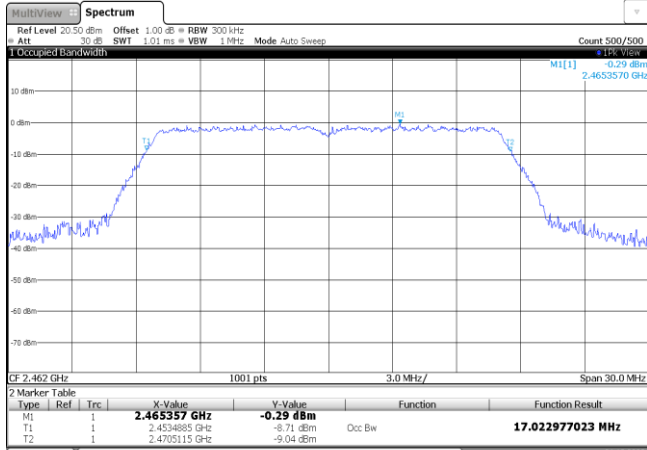


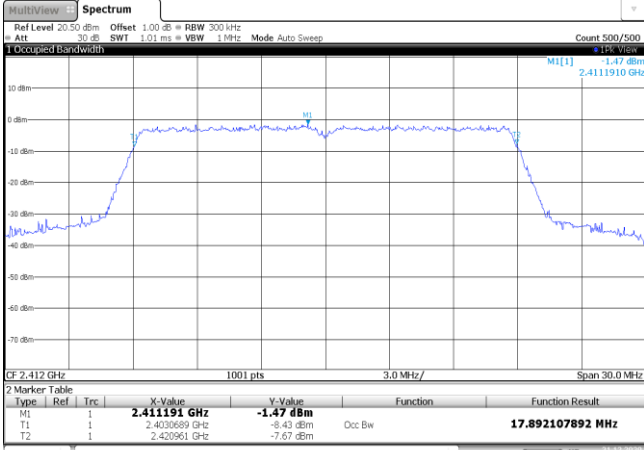
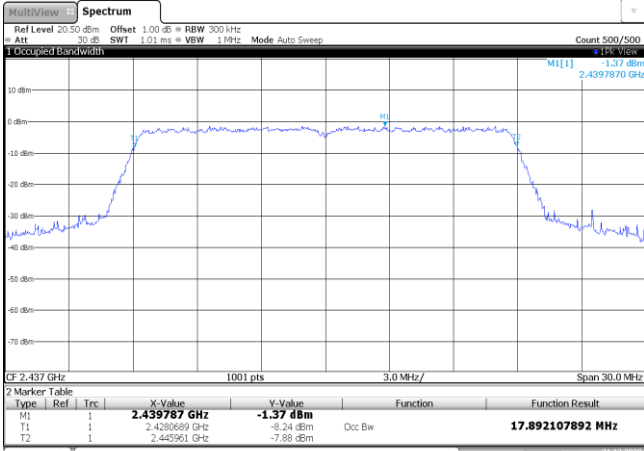
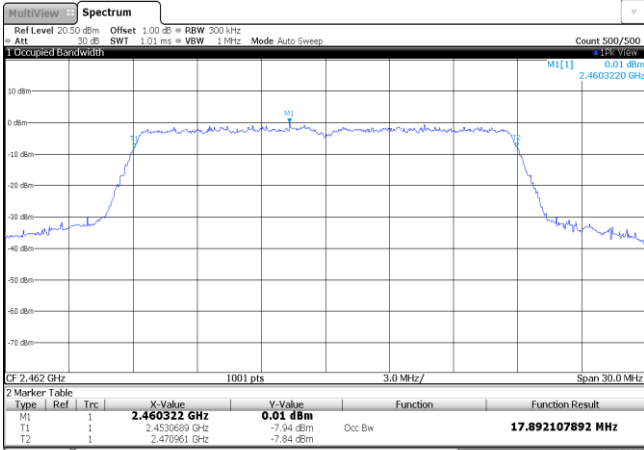
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CH11



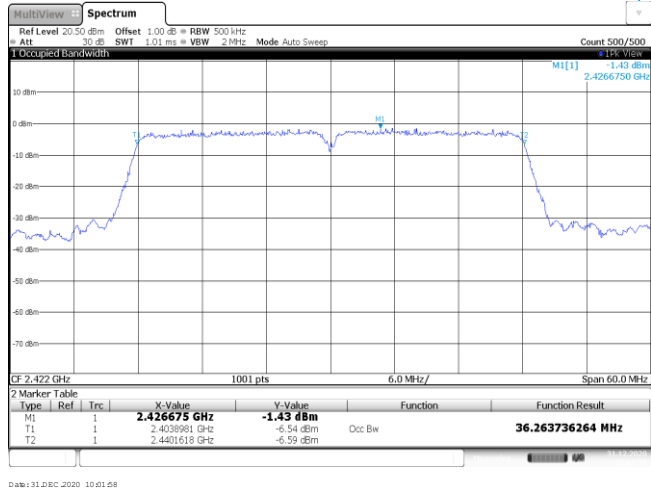
Date: 31.DEC.2020 09:25:11

| Type: | 802.11 g | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|------|---------------|------------|----------|------------------|----------|-----------------|----|---|--|--------------|-----------|--|--|----|---|--|---------------|------------|--------|------------------|----|---|--|---------------|-----------|--|--|
| CH01 |  <p>Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep</p> <p>Count 500/500</p> <p>Occupied Bandwidth</p> <p>M1(1) 11.04 dBm 2.410382 GHz</p> <p>CF 2.412 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.410382 GHz</td> <td>-1.04 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.403485 GHz</td> <td>-10.06 dBm</td> <td>Occ Bw</td> <td>17.022977023 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4204815 GHz</td> <td>-9.52 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 31.DEC.2020 09:04:49</p> | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.410382 GHz | -1.04 dBm | | | T1 | 1 | | 2.403485 GHz | -10.06 dBm | Occ Bw | 17.022977023 MHz | T2 | 1 | | 2.4204815 GHz | -9.52 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.410382 GHz | -1.04 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1 | 1 | | 2.403485 GHz | -10.06 dBm | Occ Bw | 17.022977023 MHz | | | | | | | | | | | | | | | | | | | | | | | |
| T2 | 1 | | 2.4204815 GHz | -9.52 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH06 |  <p>Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep</p> <p>Count 500/500</p> <p>Occupied Bandwidth</p> <p>M1(1) 11.04 dBm 2.438049 GHz</p> <p>CF 2.437 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.438049 GHz</td> <td>-0.86 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4284885 GHz</td> <td>-8.41 dBm</td> <td>Occ Bw</td> <td>17.022977023 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4455115 GHz</td> <td>-9.21 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 31.DEC.2020 09:06:04</p> | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.438049 GHz | -0.86 dBm | | | T1 | 1 | | 2.4284885 GHz | -8.41 dBm | Occ Bw | 17.022977023 MHz | T2 | 1 | | 2.4455115 GHz | -9.21 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.438049 GHz | -0.86 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1 | 1 | | 2.4284885 GHz | -8.41 dBm | Occ Bw | 17.022977023 MHz | | | | | | | | | | | | | | | | | | | | | | | |
| T2 | 1 | | 2.4455115 GHz | -9.21 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH11 |  <p>Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep</p> <p>Count 500/500</p> <p>Occupied Bandwidth</p> <p>M1(1) 11.04 dBm 2.465357 GHz</p> <p>CF 2.462 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.465357 GHz</td> <td>-0.29 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4534885 GHz</td> <td>-8.71 dBm</td> <td>Occ Bw</td> <td>17.022977023 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4705115 GHz</td> <td>-9.04 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 31.DEC.2020 09:40:04</p> | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.465357 GHz | -0.29 dBm | | | T1 | 1 | | 2.4534885 GHz | -8.71 dBm | Occ Bw | 17.022977023 MHz | T2 | 1 | | 2.4705115 GHz | -9.04 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.465357 GHz | -0.29 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1 | 1 | | 2.4534885 GHz | -8.71 dBm | Occ Bw | 17.022977023 MHz | | | | | | | | | | | | | | | | | | | | | | | |
| T2 | 1 | | 2.4705115 GHz | -9.04 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |

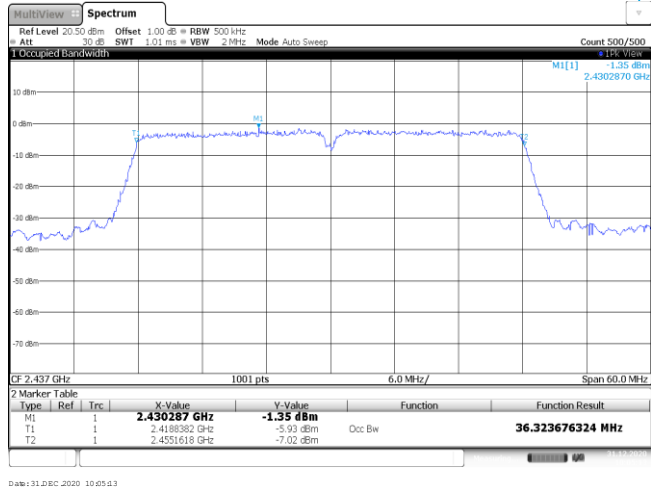
| Type: | 802.11n(HT20) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|--|------|---------------|-----------|----------|------------------|----------|-----------------|----|---|--|--------------|-----------|--|--|----|---|--|---------------|-----------|--------|------------------|----|---|--|--------------|-----------|--|--|
| CH01 |  <p>Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep Count 500/500</p> <p>1 Occupied Bandwidth</p> <p>10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>CF 2.412 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.411191 GHz</td> <td>-1.47 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.403689 GHz</td> <td>-8.43 dBm</td> <td>Occ Bw</td> <td>17.892107892 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.420961 GHz</td> <td>-7.67 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 31.DEC.2020 09:45:59</p> | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.411191 GHz | -1.47 dBm | | | T1 | 1 | | 2.403689 GHz | -8.43 dBm | Occ Bw | 17.892107892 MHz | T2 | 1 | | 2.420961 GHz | -7.67 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.411191 GHz | -1.47 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1 | 1 | | 2.403689 GHz | -8.43 dBm | Occ Bw | 17.892107892 MHz | | | | | | | | | | | | | | | | | | | | | | | |
| T2 | 1 | | 2.420961 GHz | -7.67 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH06 |  <p>Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep Count 500/500</p> <p>1 Occupied Bandwidth</p> <p>10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>CF 2.437 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.439787 GHz</td> <td>-1.37 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4280689 GHz</td> <td>-8.24 dBm</td> <td>Occ Bw</td> <td>17.892107892 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.445961 GHz</td> <td>-7.88 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 31.DEC.2020 09:49:22</p> | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.439787 GHz | -1.37 dBm | | | T1 | 1 | | 2.4280689 GHz | -8.24 dBm | Occ Bw | 17.892107892 MHz | T2 | 1 | | 2.445961 GHz | -7.88 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.439787 GHz | -1.37 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1 | 1 | | 2.4280689 GHz | -8.24 dBm | Occ Bw | 17.892107892 MHz | | | | | | | | | | | | | | | | | | | | | | | |
| T2 | 1 | | 2.445961 GHz | -7.88 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH11 |  <p>Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep Count 500/500</p> <p>1 Occupied Bandwidth</p> <p>10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>CF 2.462 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.460322 GHz</td> <td>0.01 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4530689 GHz</td> <td>-7.94 dBm</td> <td>Occ Bw</td> <td>17.892107892 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.470961 GHz</td> <td>-7.84 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 31.DEC.2020 09:54:01</p> | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.460322 GHz | 0.01 dBm | | | T1 | 1 | | 2.4530689 GHz | -7.94 dBm | Occ Bw | 17.892107892 MHz | T2 | 1 | | 2.470961 GHz | -7.84 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.460322 GHz | 0.01 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1 | 1 | | 2.4530689 GHz | -7.94 dBm | Occ Bw | 17.892107892 MHz | | | | | | | | | | | | | | | | | | | | | | | |
| T2 | 1 | | 2.470961 GHz | -7.84 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |

Type: 802.11n(HT40)

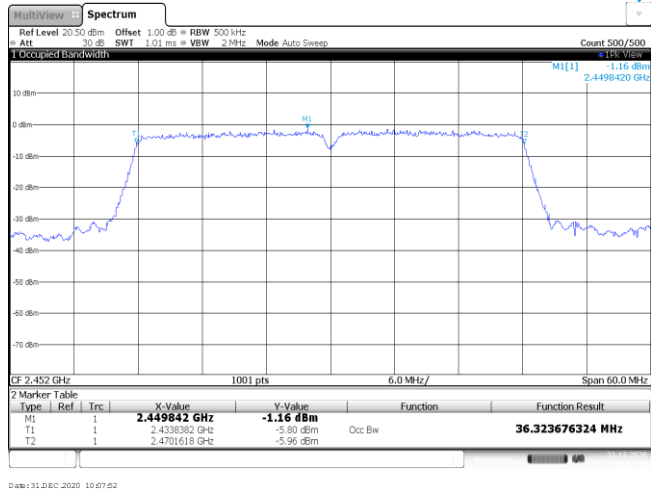
CH03



CH06

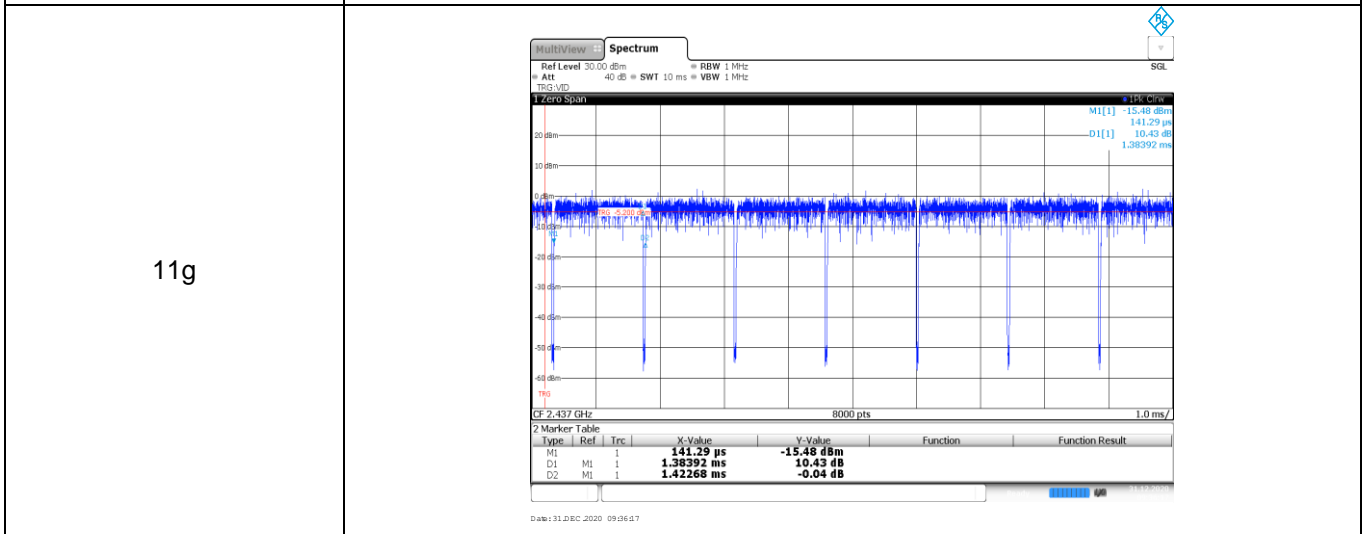
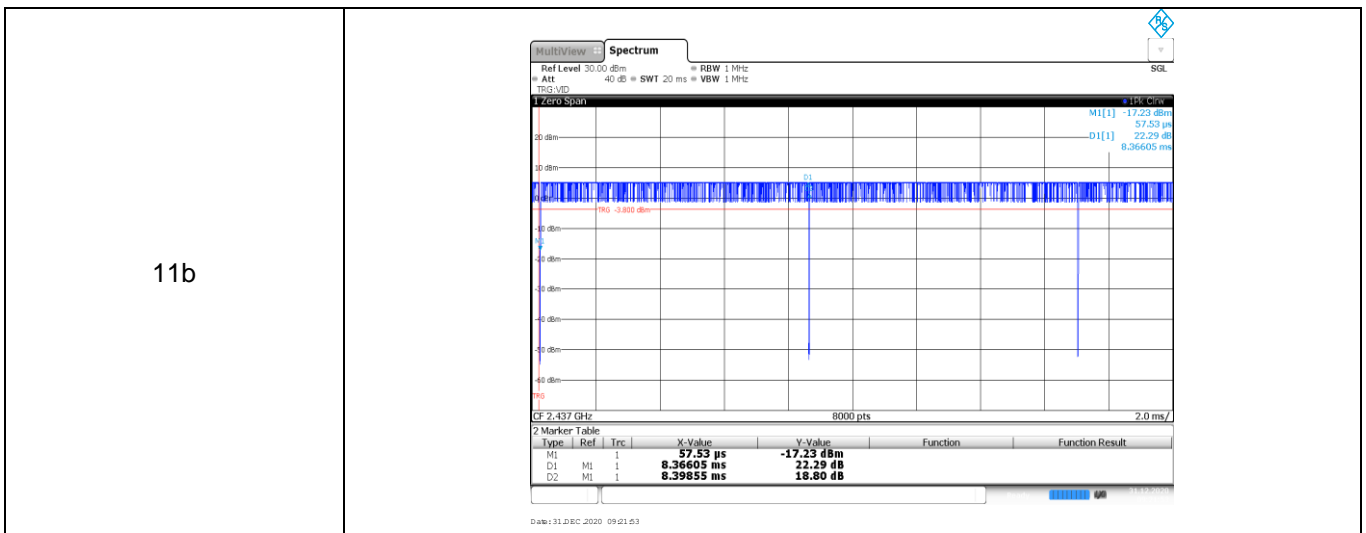


CH09

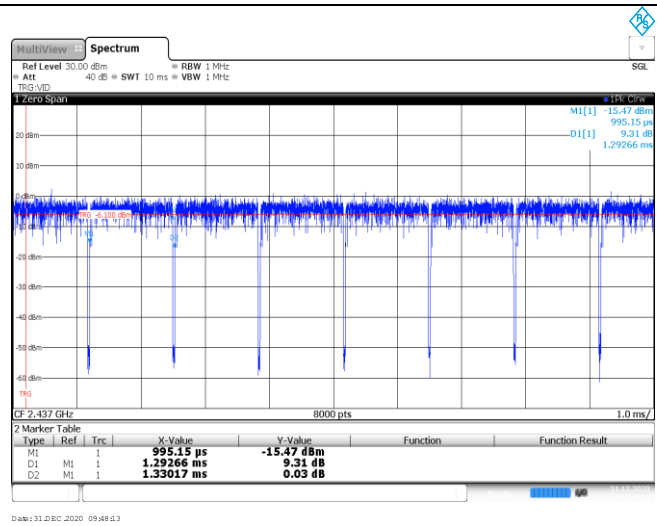


Appendix E: Duty Cycle

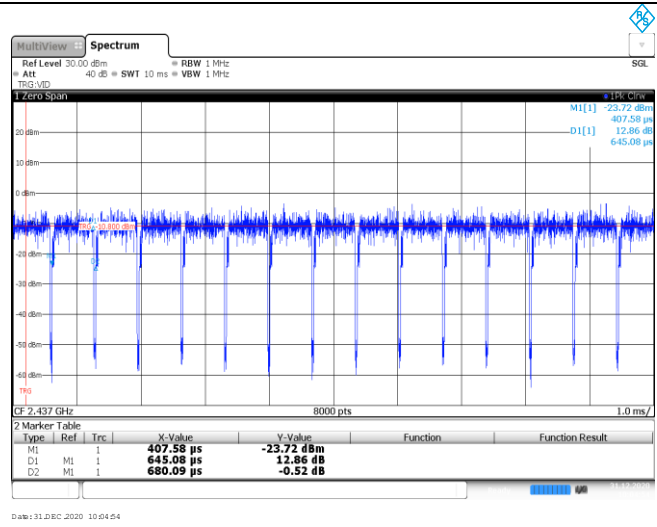
| Modulation Type | Test Frequency (MHz) | T _{on time} for single burst (ms) | T _{period} (ms) | Duty cycle | 1/T _{on time} (kHz) |
|-----------------|----------------------|--|--------------------------|------------|------------------------------|
| 11b | 2437 | 8.37 | 8.40 | 99.6% | 0.1 |
| 11g | 2437 | 1.38 | 1.42 | 97.2% | 0.7 |
| 11n20 | 2437 | 1.29 | 1.33 | 97.0% | 0.8 |
| 11n40 | 2437 | 0.65 | 0.68 | 95.6% | 1.5 |



11n20

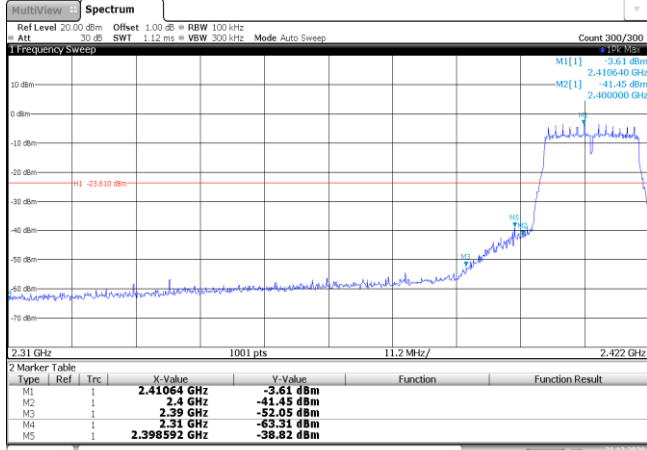
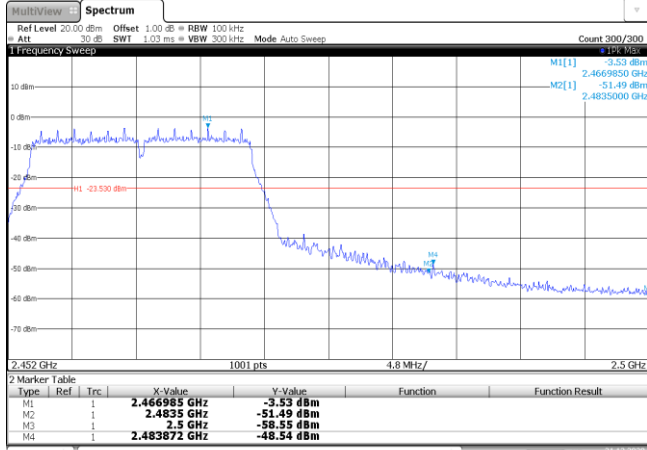


11n40



Appendix F: Band edge and Spurious Emissions (conducted)

| Test Item: | Bandedge | Type: | 802.11 b | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|-------|--------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|--------------|----------|--|--|----|---|--|------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|-------------|------------|--|--|
| CH01 | <p>2 Marker Table</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.41299 GHz</td> <td>3.32 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-43.98 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-59.68 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-62.94 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.39904 GHz</td> <td>-38.38 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 31.DEC.2020 09:09:40</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.41299 GHz | 3.32 dBm | | | M2 | 1 | | 2.4 GHz | -43.98 dBm | | | M3 | 1 | | 2.39 GHz | -59.68 dBm | | | M4 | 1 | | 2.31 GHz | -62.94 dBm | | | M5 | 1 | | 2.39904 GHz | -38.38 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.41299 GHz | 3.32 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4 GHz | -43.98 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.39 GHz | -59.68 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.31 GHz | -62.94 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M5 | 1 | | 2.39904 GHz | -38.38 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH11 | <p>2 Marker Table</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.461471 GHz</td> <td>4.37 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-57.08 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-59.65 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.484976 GHz</td> <td>-52.08 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 31.DEC.2020 09:01:09</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.461471 GHz | 4.37 dBm | | | M2 | 1 | | 2.4835 GHz | -57.08 dBm | | | M3 | 1 | | 2.5 GHz | -59.65 dBm | | | M4 | 1 | | 2.484976 GHz | -52.08 dBm | | | | | | | | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.461471 GHz | 4.37 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4835 GHz | -57.08 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.5 GHz | -59.65 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.484976 GHz | -52.08 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

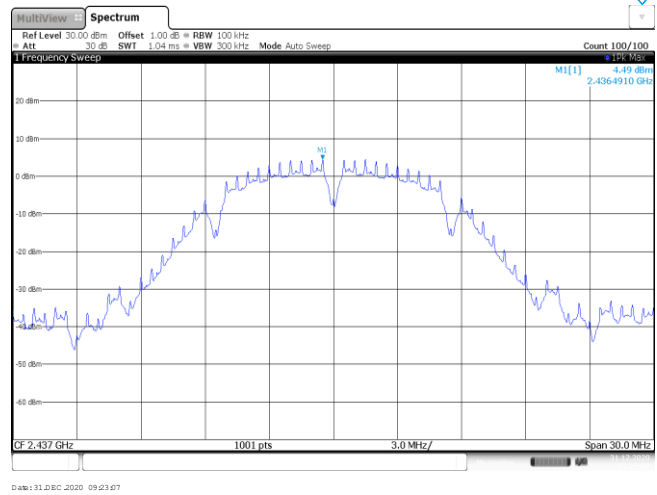
| Test Item: | Bandedge | Type: | 802.11 g | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|-------|--------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|--------------|-----------|--|--|----|---|--|------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|--------------|------------|--|--|
| CH01 |  <p>2 Marker Table</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.41064 GHz</td> <td>-3.61 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-41.45 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-52.05 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.31 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.398592 GHz</td> <td>-38.82 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 31.DEC.2020 09:05:04</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.41064 GHz | -3.61 dBm | | | M2 | 1 | | 2.4 GHz | -41.45 dBm | | | M3 | 1 | | 2.39 GHz | -52.05 dBm | | | M4 | 1 | | 2.31 GHz | -63.31 dBm | | | M5 | 1 | | 2.398592 GHz | -38.82 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.41064 GHz | -3.61 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4 GHz | -41.45 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.39 GHz | -52.05 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.31 GHz | -63.31 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M5 | 1 | | 2.398592 GHz | -38.82 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH11 |  <p>2 Marker Table</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.466985 GHz</td> <td>-3.53 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-51.49 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-58.55 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.483872 GHz</td> <td>-48.54 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 31.DEC.2020 09:42:13</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.466985 GHz | -3.53 dBm | | | M2 | 1 | | 2.4835 GHz | -51.49 dBm | | | M3 | 1 | | 2.5 GHz | -58.55 dBm | | | M4 | 1 | | 2.483872 GHz | -48.54 dBm | | | | | | | | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.466985 GHz | -3.53 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4835 GHz | -51.49 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.5 GHz | -58.55 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.483872 GHz | -48.54 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Test Item: | Bandedge | Type: | 802.11 n(HT20) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|-------|----------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|--------------|-----------|--|--|----|---|--|------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|--------------|------------|--|--|
| CH01 | <p>2.31 GHz 1001 pts 11.2 MHz/ 2.422 GHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.41064 GHz</td> <td>-3.86 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-40.07 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-49.71 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-62.07 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.398816 GHz</td> <td>-38.84 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 31.DEC.2020 09:45:23</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.41064 GHz | -3.86 dBm | | | M2 | 1 | | 2.4 GHz | -40.07 dBm | | | M3 | 1 | | 2.39 GHz | -49.71 dBm | | | M4 | 1 | | 2.31 GHz | -62.07 dBm | | | M5 | 1 | | 2.398816 GHz | -38.84 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.41064 GHz | -3.86 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4 GHz | -40.07 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.39 GHz | -49.71 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.31 GHz | -62.07 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M5 | 1 | | 2.398816 GHz | -38.84 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH11 | <p>2.452 GHz 1001 pts 4.8 MHz/ 2.5 GHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.466983 GHz</td> <td>-4.21 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4833 GHz</td> <td>-51.36 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-58.96 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.484208 GHz</td> <td>-49.56 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 31.DEC.2020 09:07:54</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.466983 GHz | -4.21 dBm | | | M2 | 1 | | 2.4833 GHz | -51.36 dBm | | | M3 | 1 | | 2.5 GHz | -58.96 dBm | | | M4 | 1 | | 2.484208 GHz | -49.56 dBm | | | | | | | | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.466983 GHz | -4.21 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4833 GHz | -51.36 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.5 GHz | -58.96 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.484208 GHz | -49.56 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

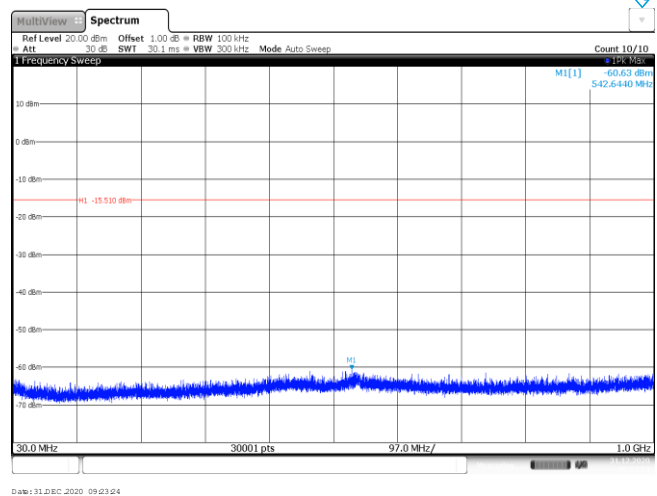
| Test Item: | Bandedge | Type: | 802.11 n(HT40) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|-------|----------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|--------------|-----------|--|--|----|---|--|------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|--------------|------------|--|--|
| CH03 | <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.32 ms VBW 300 kHz Mode Auto Sweep</p> <p>Count 300/300 +10V (dBm)</p> <p>1 Frequency Sweep</p> <p>2.31 GHz 1001 pts 13.2 MHz/ 2.442 GHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.41938 GHz</td> <td>-6.46 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-42.67 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-44.63 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.48 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.396196 GHz</td> <td>-40.82 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 31.03.2020 10:03:22</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.41938 GHz | -6.46 dBm | | | M2 | 1 | | 2.4 GHz | -42.67 dBm | | | M3 | 1 | | 2.39 GHz | -44.63 dBm | | | M4 | 1 | | 2.31 GHz | -63.48 dBm | | | M5 | 1 | | 2.396196 GHz | -40.82 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.41938 GHz | -6.46 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4 GHz | -42.67 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.39 GHz | -44.63 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.31 GHz | -63.48 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M5 | 1 | | 2.396196 GHz | -40.82 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH09 | <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.1 ms VBW 300 kHz Mode Auto Sweep</p> <p>Count 300/300 +10V (dBm)</p> <p>1 Frequency Sweep</p> <p>2.432 GHz 1001 pts 6.8 MHz/ 2.5 GHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.456965 GHz</td> <td>-6.33 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-46.08 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-53.38 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.484632 GHz</td> <td>-42.14 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 31.03.2020 10:09:41</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.456965 GHz | -6.33 dBm | | | M2 | 1 | | 2.4835 GHz | -46.08 dBm | | | M3 | 1 | | 2.5 GHz | -53.38 dBm | | | M4 | 1 | | 2.484632 GHz | -42.14 dBm | | | | | | | | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.456965 GHz | -6.33 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4835 GHz | -46.08 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.5 GHz | -53.38 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.484632 GHz | -42.14 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Test Item: | SE | Type: | 802.11b |
|---------------------------------|----|-------|---------|
| <p>CH01 Reference level</p> | | | |
| <p>CH01 30MHz~1000MHz</p> | | | |
| <p>CH01 1GHz~26GHz</p> | | | |

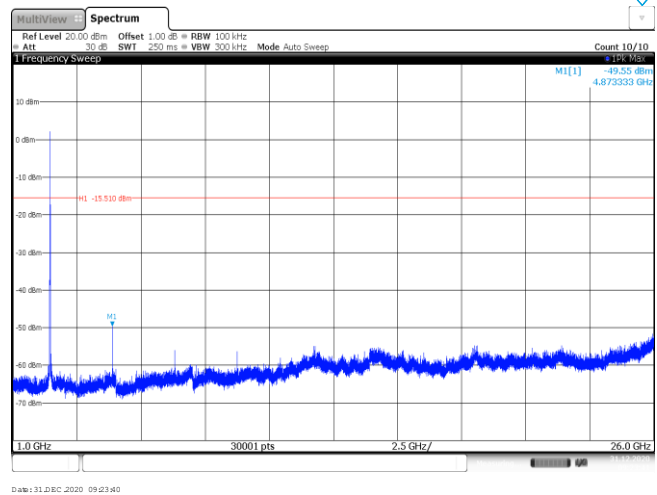
CH06
Reference level



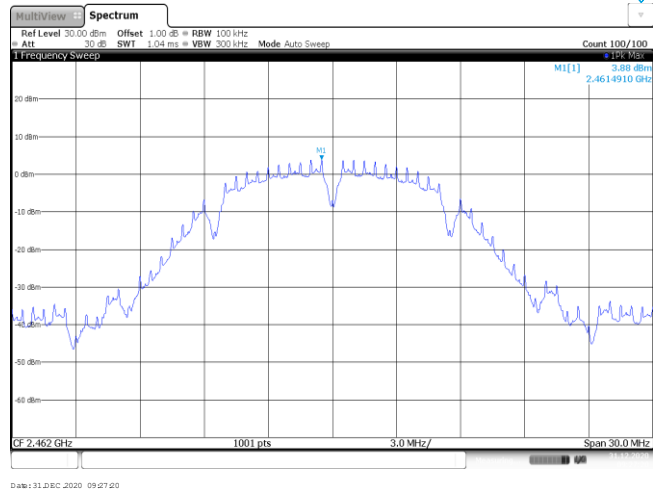
CH06
30MHz~1000MHz



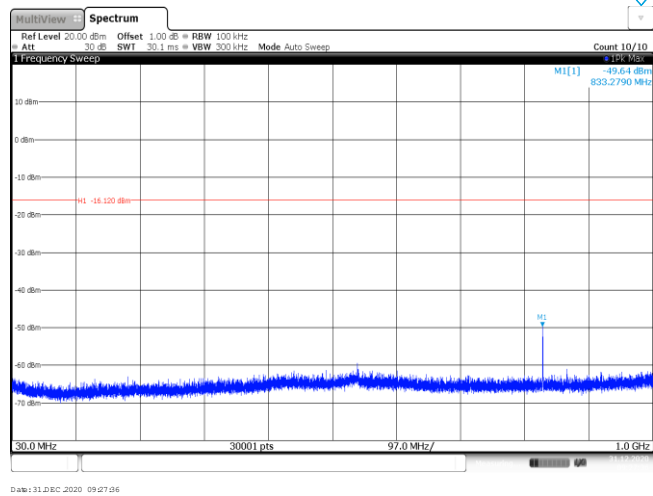
CH06
1GHz~26GHz



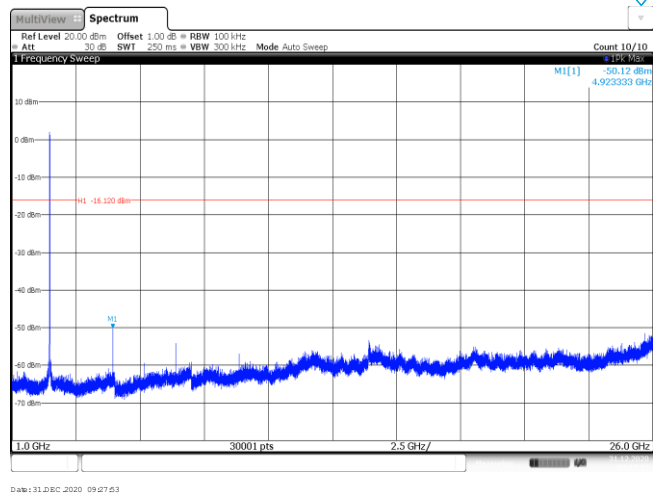
CH11
Reference level

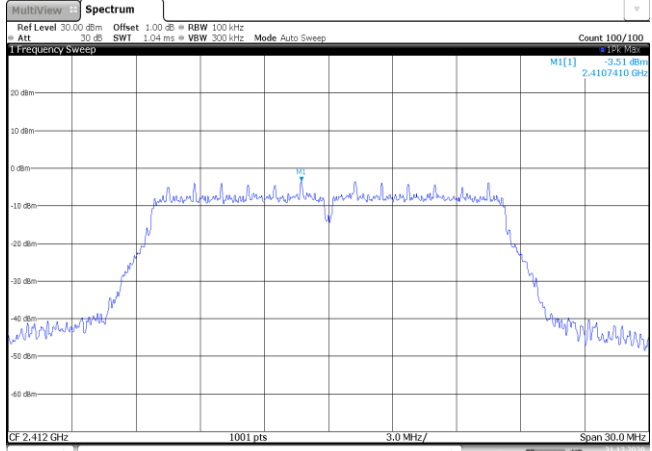
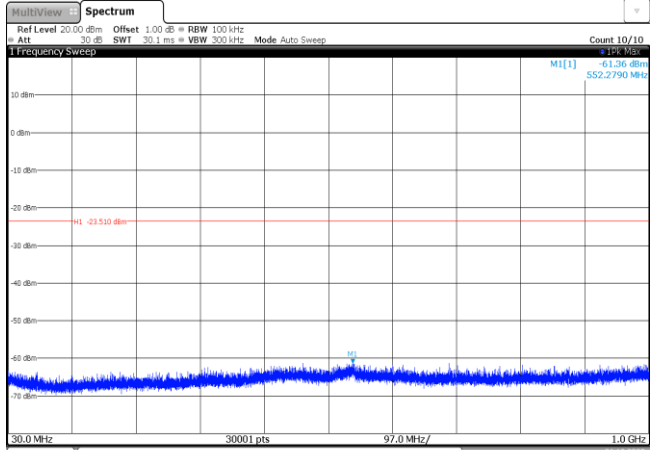
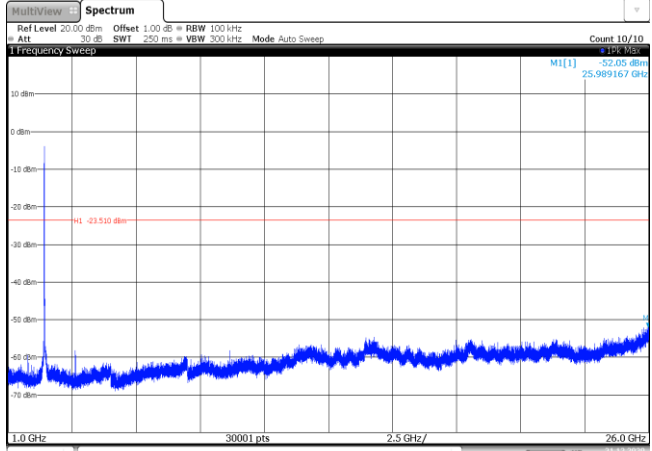


CH11
30MHz~1000MHz

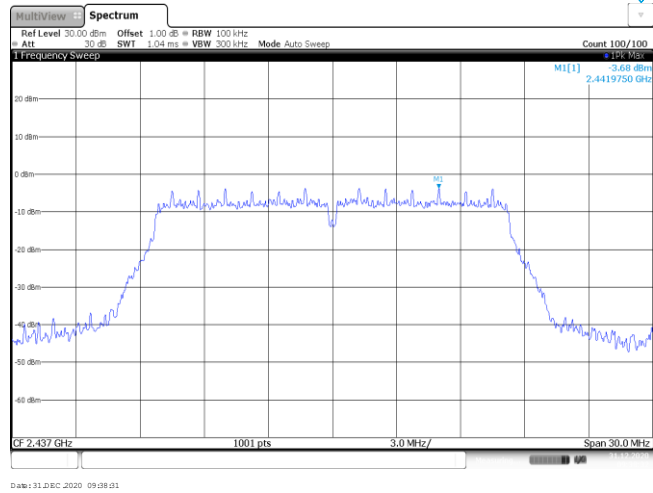


CH11
1GHz~26GHz

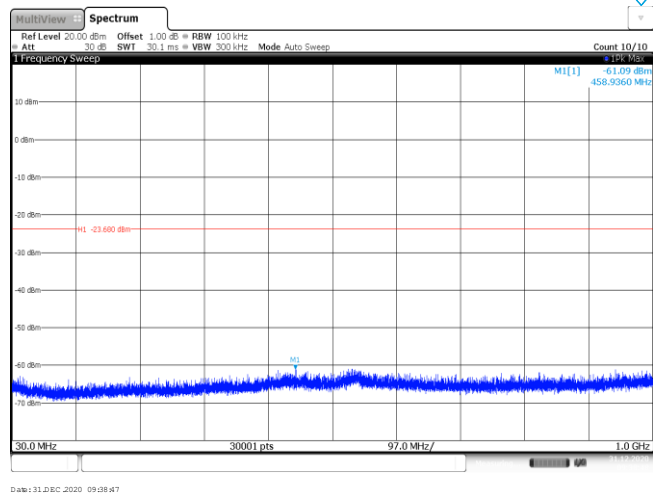


| Test Item: | SE | Type: | 802.11g |
|---------------------------------|----|--|---------|
| <p>CH01 Reference level</p> | |  | |
| <p>CH01 30MHz~1000MHz</p> | |  | |
| <p>CH01 1GHz~26GHz</p> | |  | |

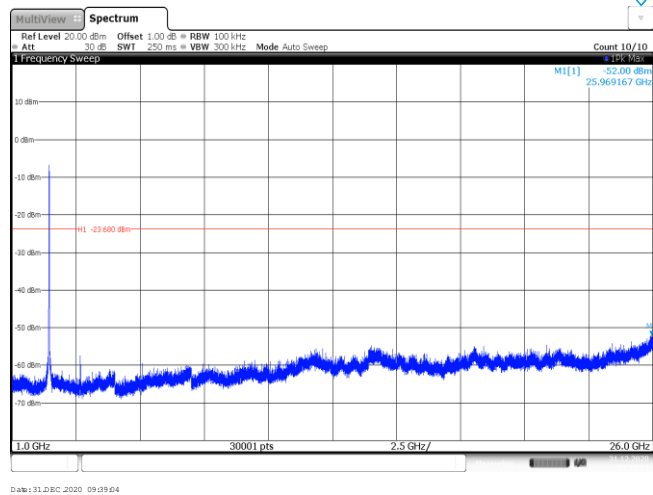
CH06
Reference level



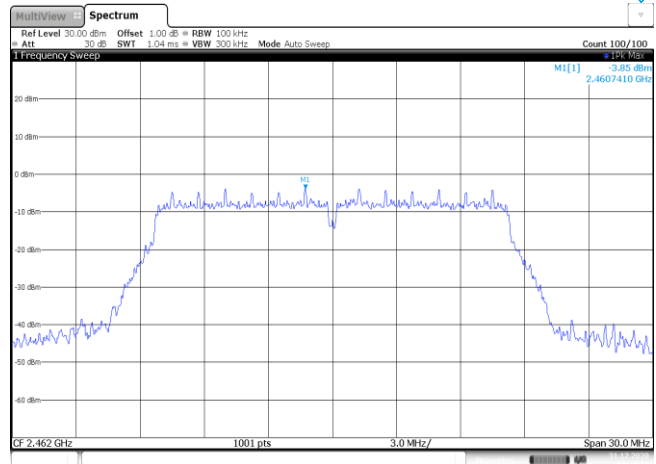
CH06
30MHz~1000MHz



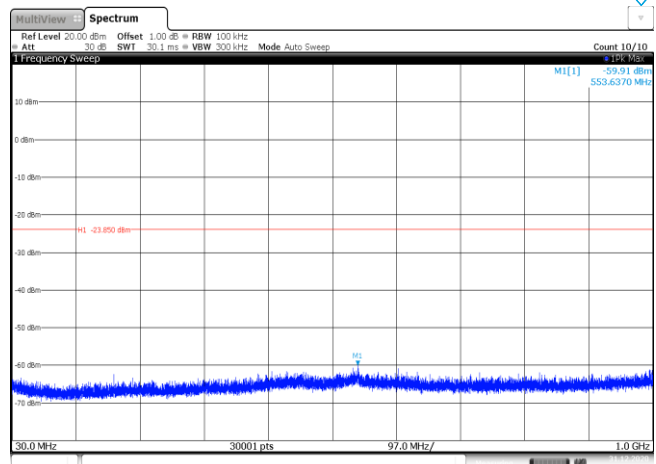
CH06
1GHz~26GHz



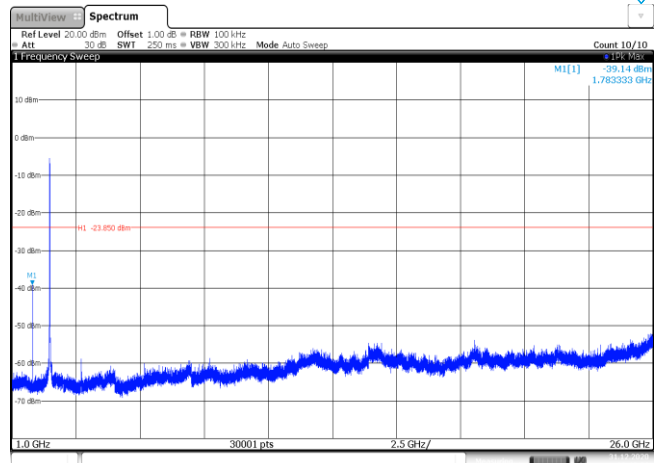
CH11
Reference level

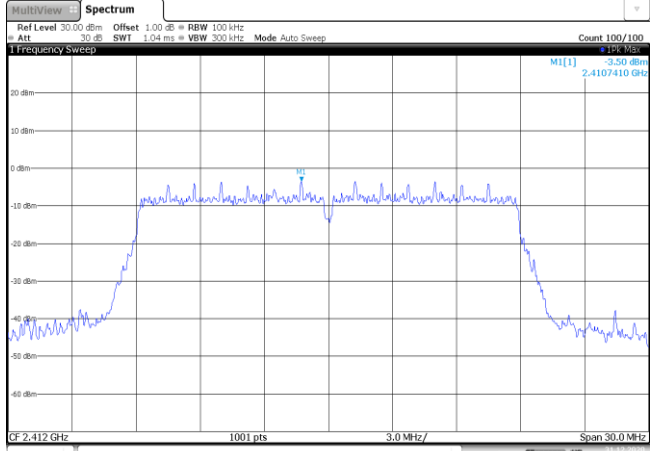
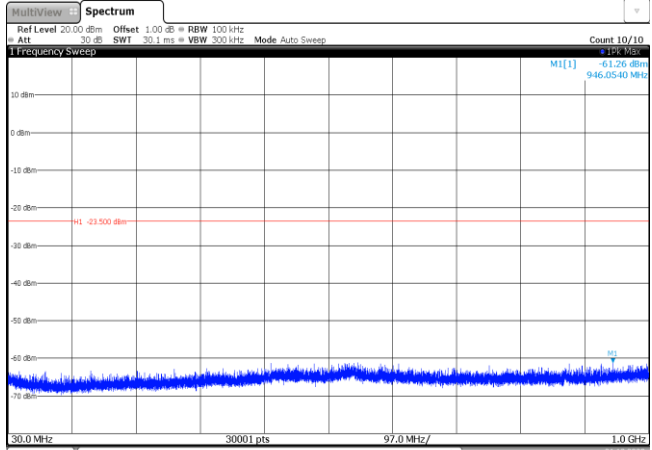
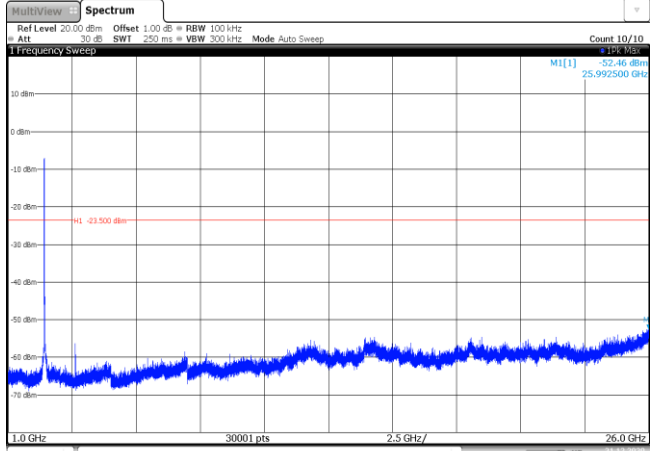


CH11
30MHz~1000MHz

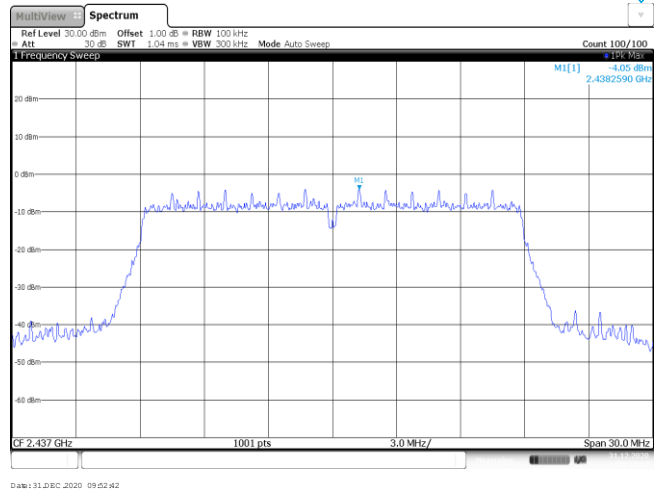


CH11
1GHz~26GHz

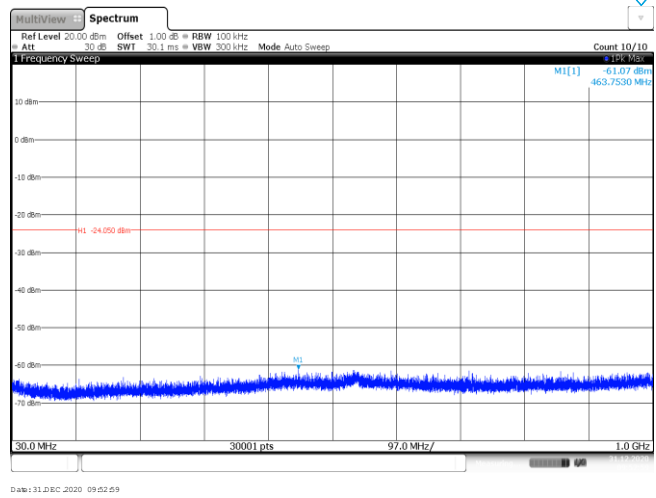


| Test Item: | SE | Type: | 802.11n(HT20) |
|---------------------------------|----|-------|--|
| <p>CH01 Reference level</p> | | |  |
| <p>CH01 30MHz~1000MHz</p> | | |  |
| <p>CH01 1GHz~26GHz</p> | | |  |

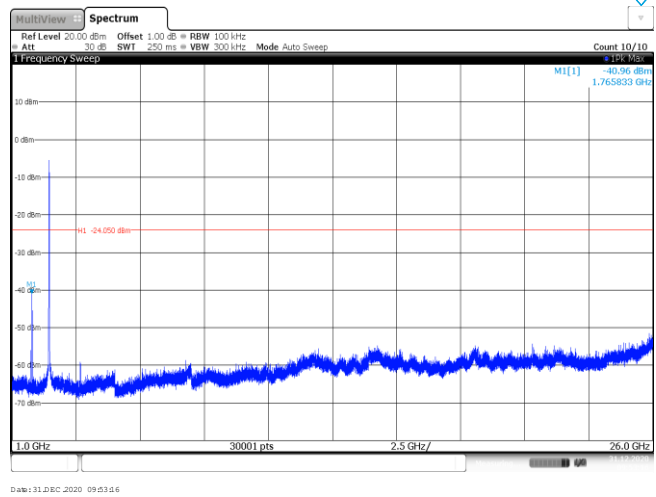
CH06
Reference level



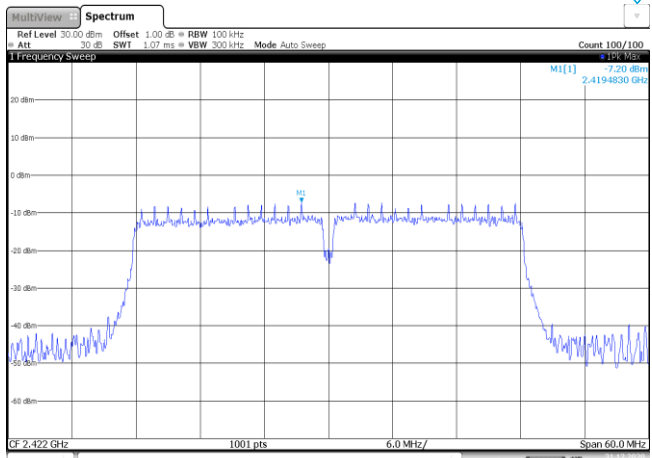
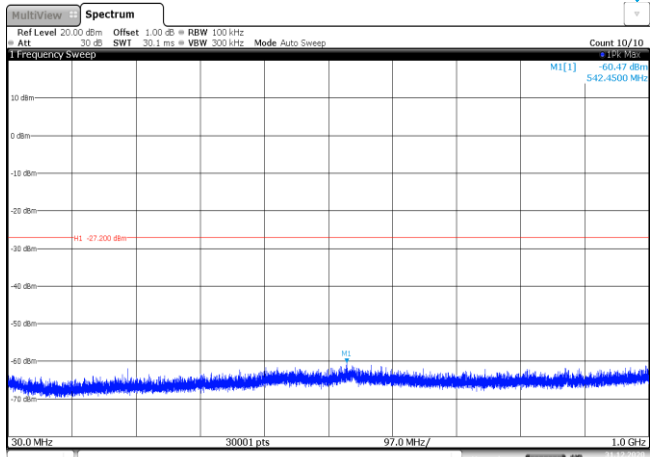
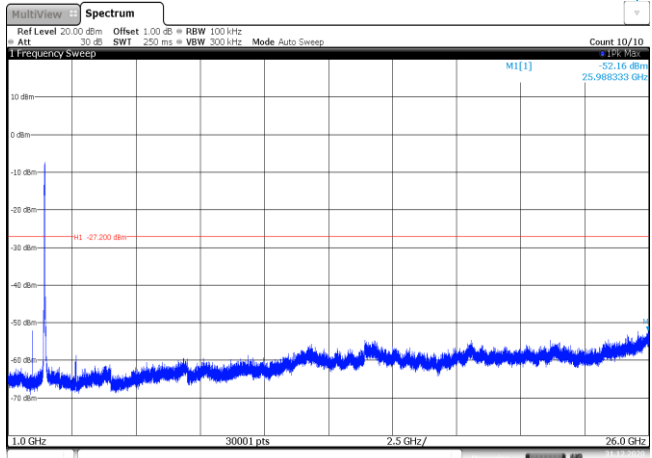
CH06
30MHz~1000MHz



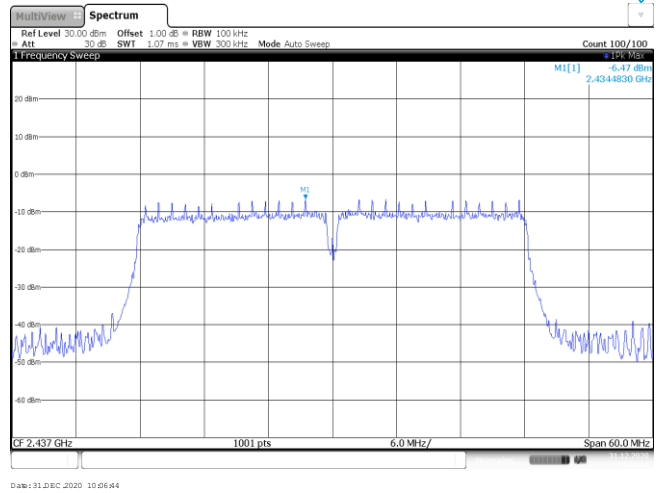
CH06
1GHz~26GHz



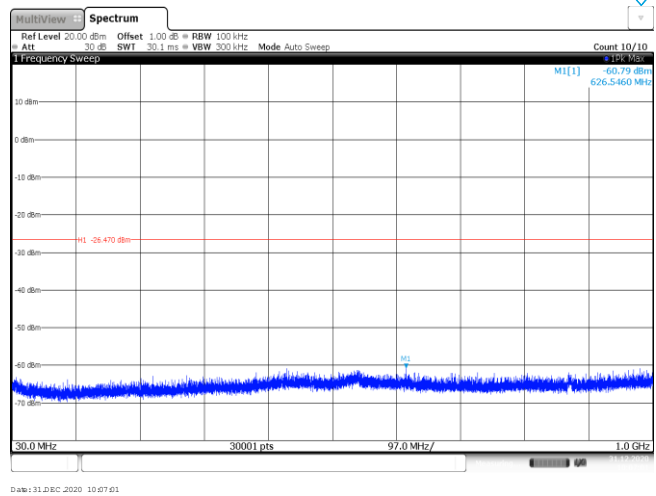
| | |
|---------------------------------|--|
| <p>CH11 Reference level</p> | |
| <p>CH11 30MHz~1000MHz</p> | |
| <p>CH11 1GHz~26GHz</p> | |

| Test Item: | SE | Type: | 802.11n(HT40) |
|---------------------------------|----|--|---------------|
| <p>CH03 Reference level</p> | |  | |
| <p>CH03 30MHz~1000MHz</p> | |  | |
| <p>CH03 1GHz~26GHz</p> | |  | |

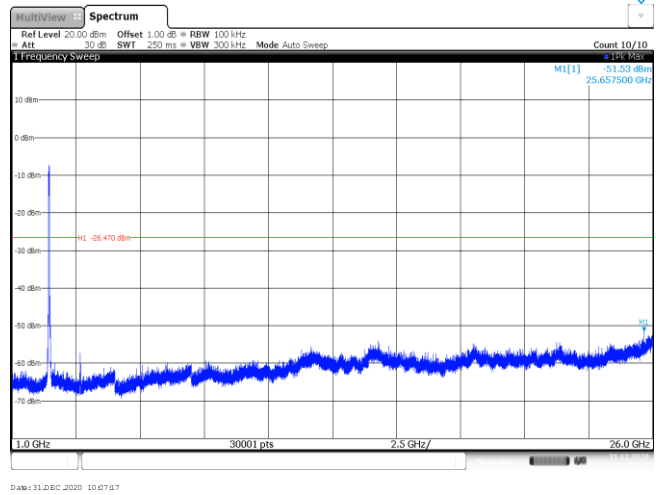
CH06
Reference level



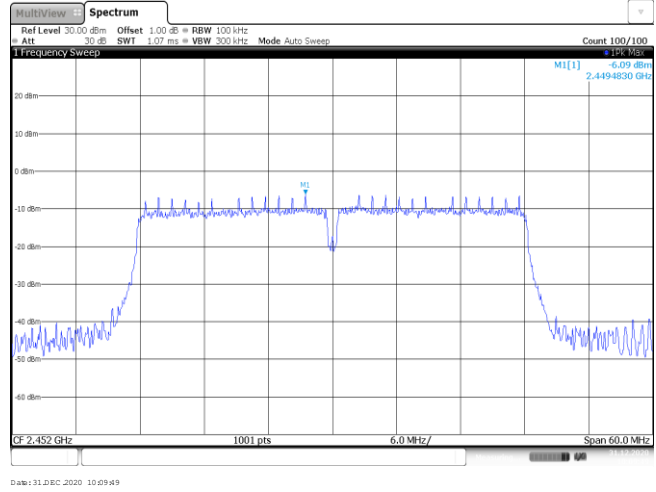
CH06
30MHz~1000MHz



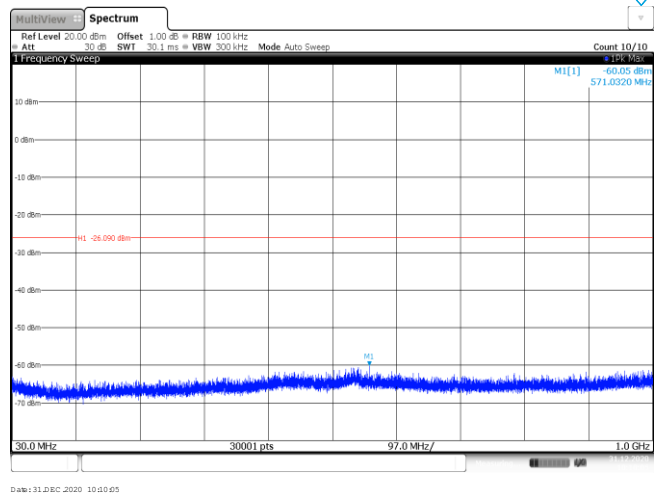
CH06
1GHz~26GHz



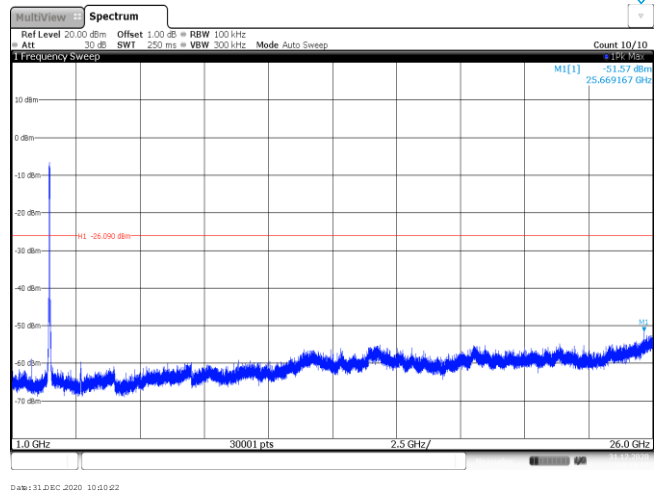
CH09
Reference level



CH09
30MHz~1000MHz



CH09
1GHz~26GHz



-----End of Report-----