

APPENDIX REPORT

| | | | |
|-----------------|-----------------|---------------------|---------------|
| Project No. | SHT2106104903EW | Radio Specification | WIFI 2.4G |
| Test sample No. | YPHT21061049004 | Model No. | V8S1A11 |
| Start test date | 2021-08-16 | Finish date | 2021-08-16 |
| Temperature | 26.1°C | Humidity | 34% |
| Test Engineer | Weiyang Xiang | Auditor | Xiaodong Zheo |

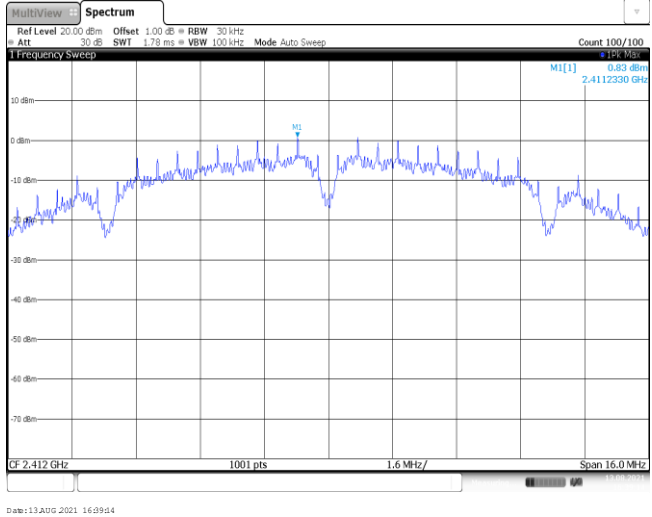
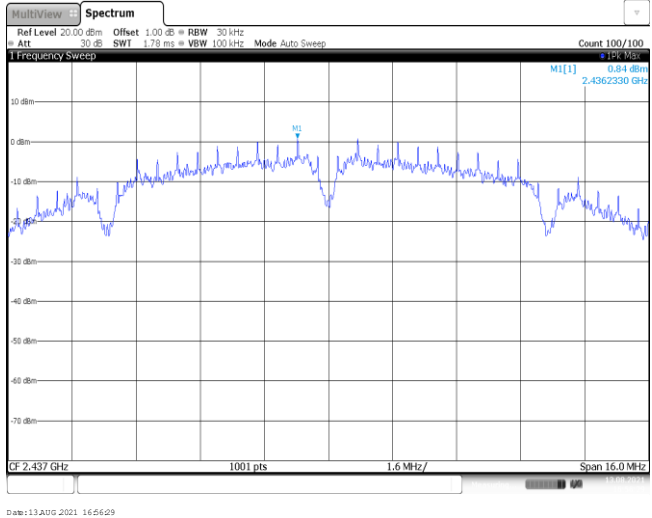
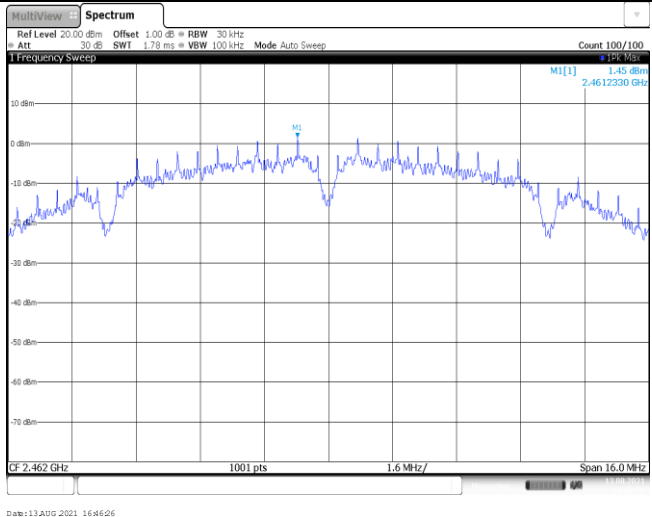
| Appendix clause | Test item | Result |
|-----------------|--|--------|
| A | Conducted Peak Output Power | PASS |
| B | Power Spectral Density | PASS |
| C | 6 dB Bandwidth | PASS |
| D | 99% Occupied Bandwidth | PASS |
| E | Duty Cycle | PASS |
| F | Band edge and Spurious Emissions(ducted) | PASS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

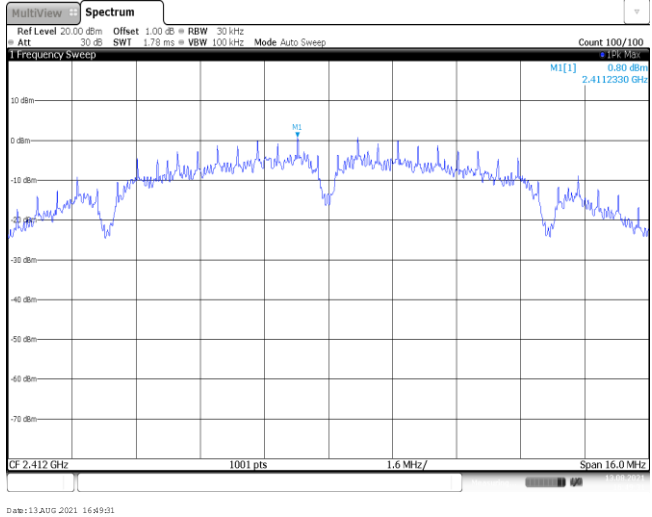
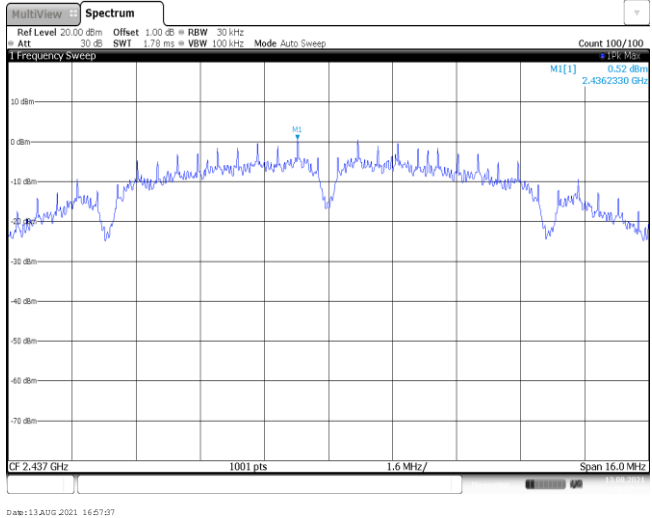
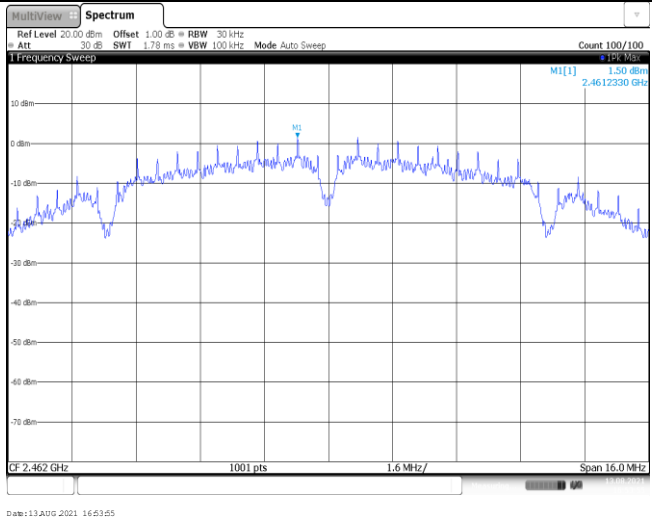
Appendix A: Conducted Peak Output Power

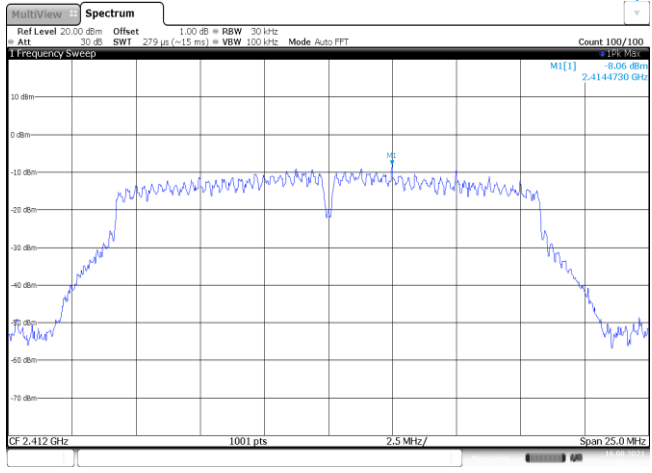
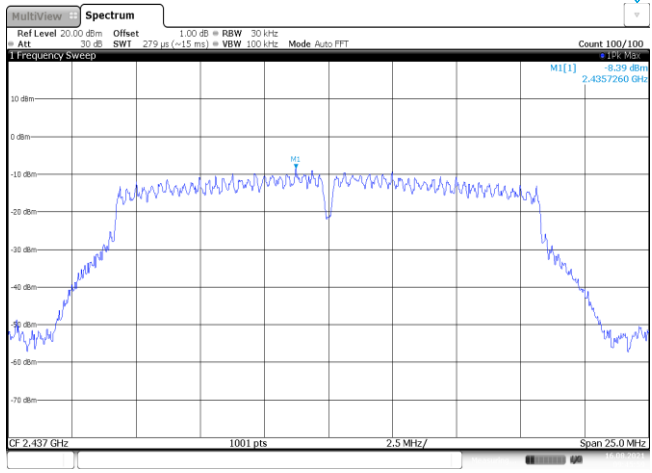
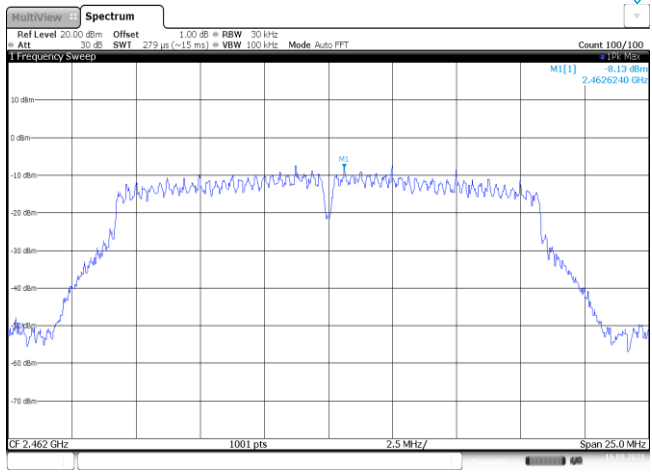
| Type | Chan nel | Peak Output power (dBm) | | | Average Output power (dBm) | | | Limit (dBm) | Result |
|-----------------------|-------------|-------------------------|-----------|-------|----------------------------|-----------|-------|----------------|--------|
| | | Antenna 0 | Antenna 1 | Total | Antenna 0 | Antenna 1 | Total | | |
| 802.11 b | 01 | 14.15 | 14.24 | - | 11.81 | 11.79 | - | ≤30.00 | Pass |
| | 06 | 13.85 | 13.61 | - | 11.38 | 11.29 | - | | |
| | 11 | 14.45 | 14.55 | - | 12.00 | 12.10 | - | | |
| 802.11 g | 01 | 15.10 | 15.07 | - | 12.42 | 12.56 | - | ≤30.00 | Pass |
| | 06 | 15.04 | 14.35 | - | 12.36 | 11.84 | - | | |
| | 11 | 15.46 | 15.54 | - | 13.02 | 12.84 | - | | |
| 802.11 n(HT20) | 01 | 14.06 | 14.00 | 17.06 | 11.82 | 12.52 | 15.19 | ≤30.00 | Pass |
| | 06 | 13.77 | 13.43 | 16.61 | 11.40 | 11.74 | 14.58 | | |
| | 11 | 14.05 | 14.74 | 17.42 | 11.78 | 13.50 | 15.73 | | |

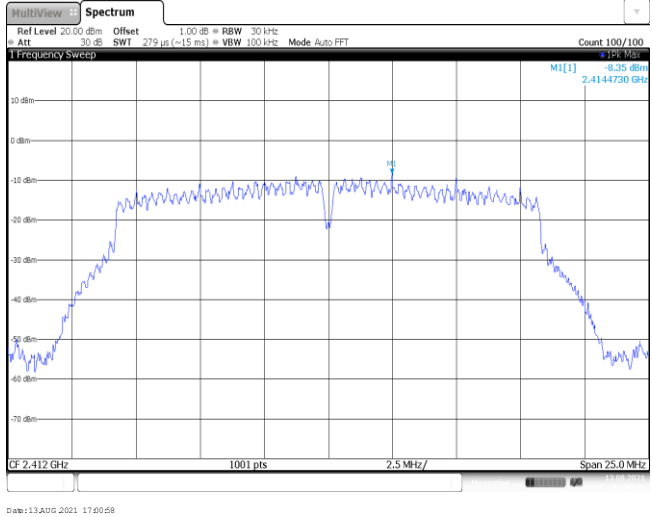
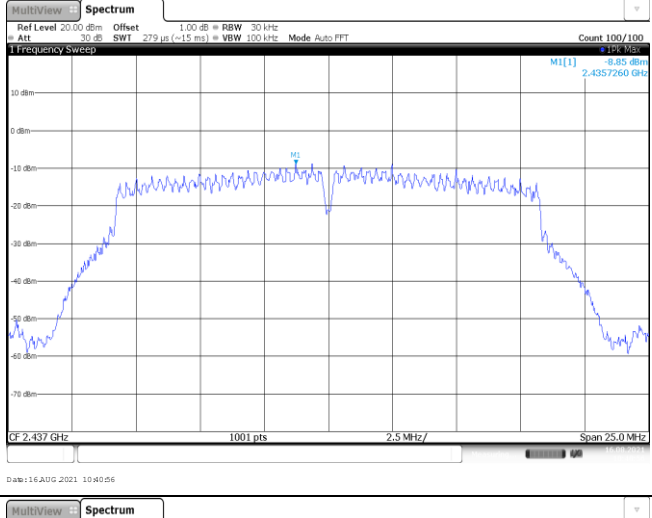
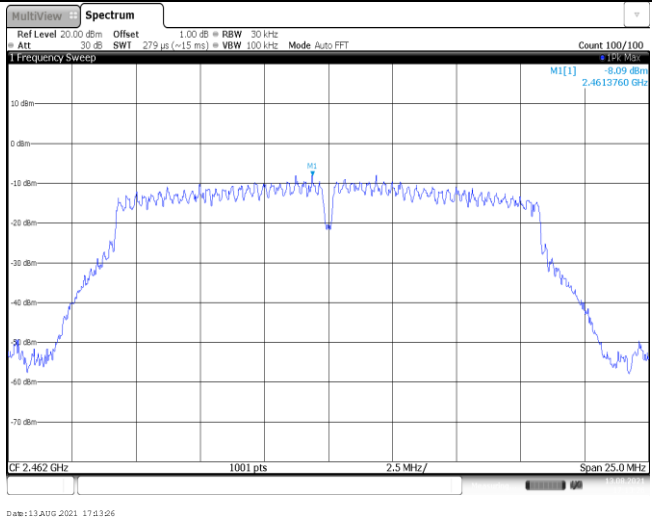
Appendix B: Power Spectral Density

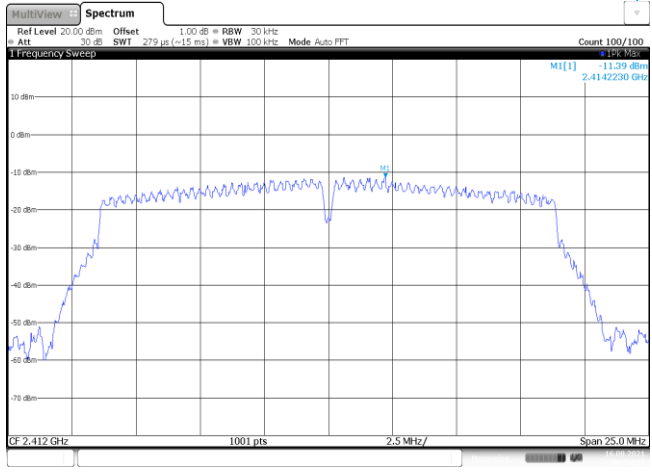
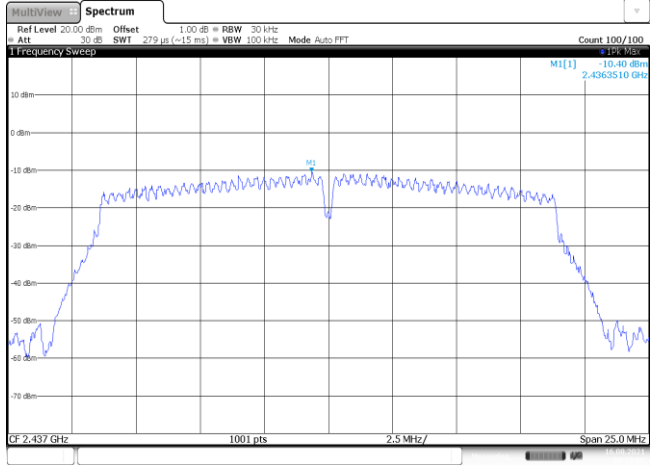
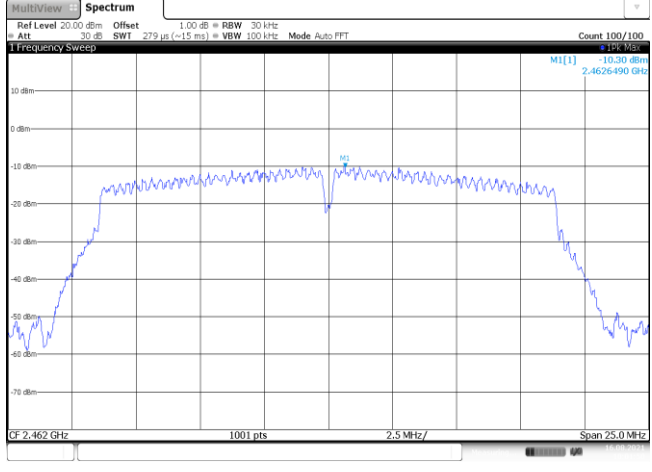
| Type | Channel | Power Spectral Density (dBm/30KHz) | | Total Power Spectral Density (dBm/30KHz) | Limit (dBm/3KHz) | Result |
|---------------|---------|------------------------------------|-----------|--|------------------|--------|
| | | Antenna 0 | Antenna 1 | | | |
| 802.11b | 01 | 0.83 | 0.80 | - | ≤8.00 | Pass |
| | 06 | 0.84 | 0.52 | - | | |
| | 11 | 1.45 | 1.50 | - | | |
| 802.11g | 01 | -8.06 | -8.35 | - | ≤8.00 | Pass |
| | 06 | -8.39 | -8.85 | - | | |
| | 11 | -8.13 | -8.09 | - | | |
| 802.11n(HT20) | 01 | -11.39 | -10.88 | -8.12 | ≤8.00 | Pass |
| | 06 | -10.40 | -11.12 | -7.73 | | |
| | 11 | -10.30 | -9.45 | -6.84 | | |

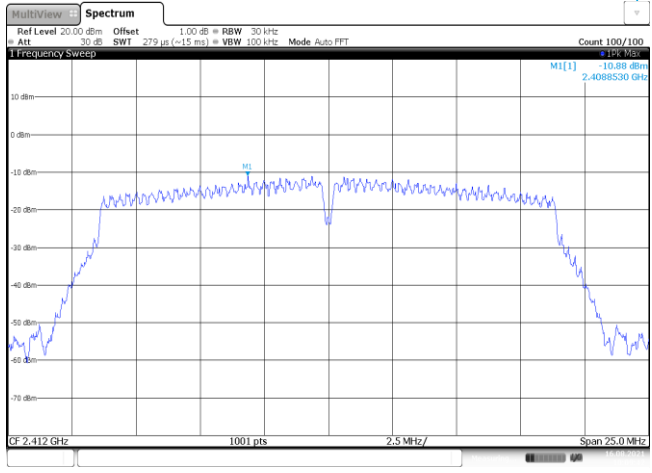
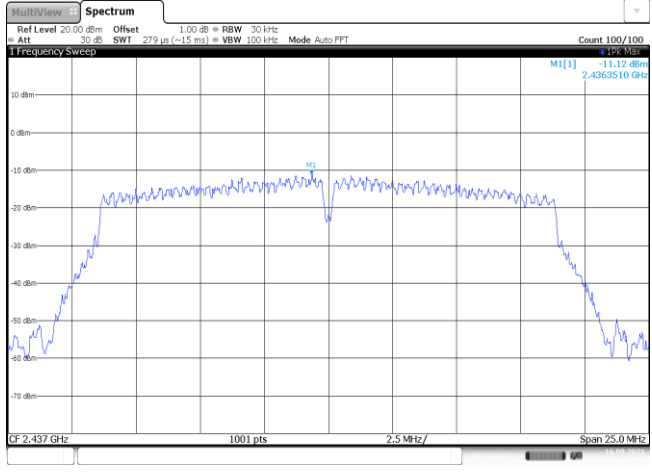
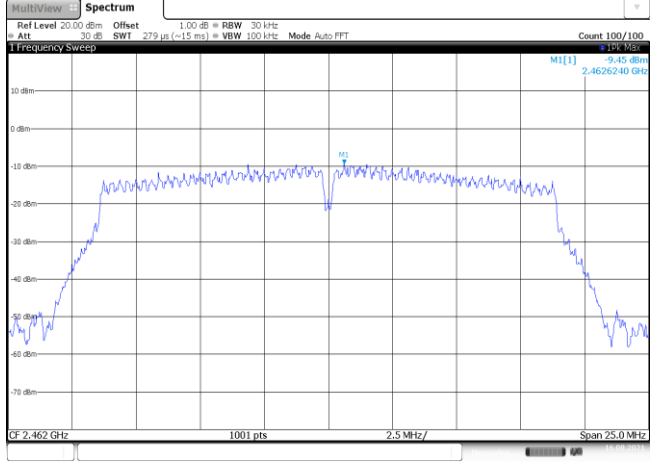
| 802.11 b | | Antenna 0 |
|----------|--|-----------|
| CH01 |  | |
| CH06 |  | |
| CH11 |  | |

| 802.11 b | | Antenna 1 |
|----------|---|-----------|
| CH01 |  <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz = ATT 30 dB SWF 1.70 ms = VBW 100 kHz Mode Auto Sweep Count 100/100 M1[1] 0.80 dBm 2.412330 GHz CF 2.412 GHz 1001 pts 1.6 MHz/ Span 16.0 MHz Date: 13 AUG 2021 16:49:01</p> | |
| CH06 |  <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz = ATT 30 dB SWF 1.70 ms = VBW 100 kHz Mode Auto Sweep Count 100/100 M1[1] 0.52 dBm 2.4362330 GHz CF 2.437 GHz 1001 pts 1.6 MHz/ Span 16.0 MHz Date: 13 AUG 2021 16:57:57</p> | |
| CH11 |  <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz = ATT 30 dB SWF 1.70 ms = VBW 100 kHz Mode Auto Sweep Count 100/100 M1[1] 1.50 dBm 2.4612330 GHz CF 2.462 GHz 1001 pts 1.6 MHz/ Span 16.0 MHz Date: 13 AUG 2021 16:53:55</p> | |

| 802.11 g | | Antenna 0 |
|----------|--|-----------|
| CH01 |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 1 Frequency Sweep M1[1] -8.06 dBm 2.4144720 GHz CF 2.412 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 16 AUG 2021 09:33:21</p> | |
| CH06 |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 1 Frequency Sweep M1[1] -8.39 dBm 2.4357260 GHz CF 2.437 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 16 AUG 2021 09:45:29</p> | |
| CH11 |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 1 Frequency Sweep M1[1] -8.13 dBm 2.4626240 GHz CF 2.462 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 16 AUG 2021 09:49:10</p> | |

| 802.11 g | | Antenna 1 |
|----------|--|-----------|
| CH01 |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Count 100/100 Att 30 dB SWI 279 us (~15 ms) VBW 100 kHz Mode Auto FFT 1 Frequency Sweep M1[1] -8.35 dBm 2.4144730 GHz CF 2.412 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 13 AUG 2021 17:50:58</p> | |
| CH06 |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Count 100/100 Att 30 dB SWI 279 us (~15 ms) VBW 100 kHz Mode Auto FFT 1 Frequency Sweep M1[1] -8.35 dBm 2.4357260 GHz CF 2.437 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 14 AUG 2021 10:40:26</p> | |
| CH11 |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Count 100/100 Att 30 dB SWI 279 us (~15 ms) VBW 100 kHz Mode Auto FFT 1 Frequency Sweep M1[1] -8.09 dBm 2.4613760 GHz CF 2.462 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 13 AUG 2021 17:13:26</p> | |

| 802.11 n(H20) | | Antenna 0 |
|---------------|---|-----------|
| CH01 |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 1 Frequency Sweep M1[1] -11.39 dBm 2.4142230 GHz CF 2.412 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 16 AUG 2021 09:54:02</p> | |
| CH06 |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 1 Frequency Sweep M1[1] -10.40 dBm 2.4363510 GHz CF 2.437 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 16 AUG 2021 09:58:06</p> | |
| CH11 |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 1 Frequency Sweep M1[1] -10.30 dBm 2.4626490 GHz CF 2.462 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 16 AUG 2021 10:01:00</p> | |

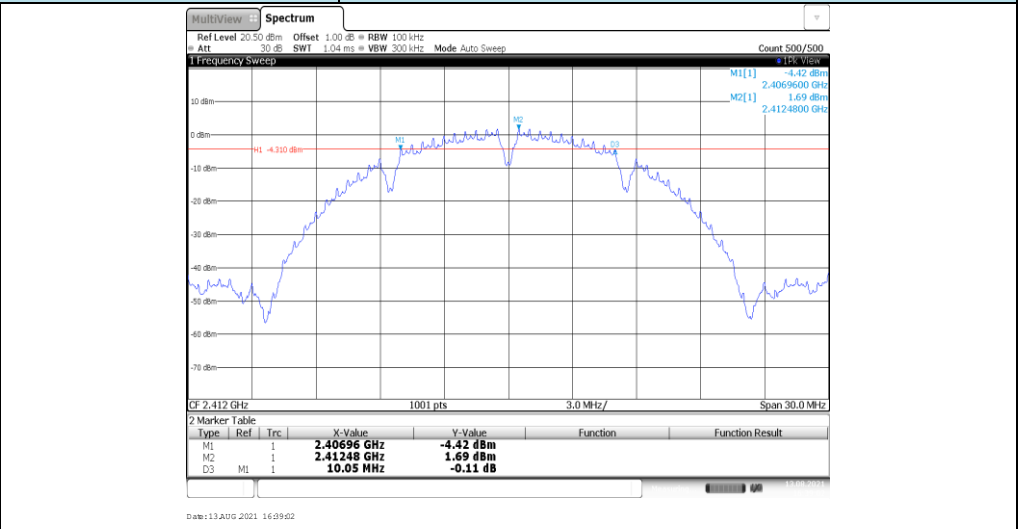
| 802.11 n(H20) | | Antenna 1 |
|---------------|--|-----------|
| CH01 |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 1 Frequency Sweep M1[1] -10.88 dBm 2.4086530 GHz CF 2.412 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 16 AUG 2021 10:59:42</p> | |
| CH06 |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 1 Frequency Sweep M1[1] -11.12 dBm 2.4365510 GHz CF 2.437 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 16 AUG 2021 10:50:52</p> | |
| CH11 |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 1 Frequency Sweep M1[1] -9.45 dBm 2.4626240 GHz CF 2.462 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 16 AUG 2021 10:53:41</p> | |

Appendix C: 6dB Bandwidth

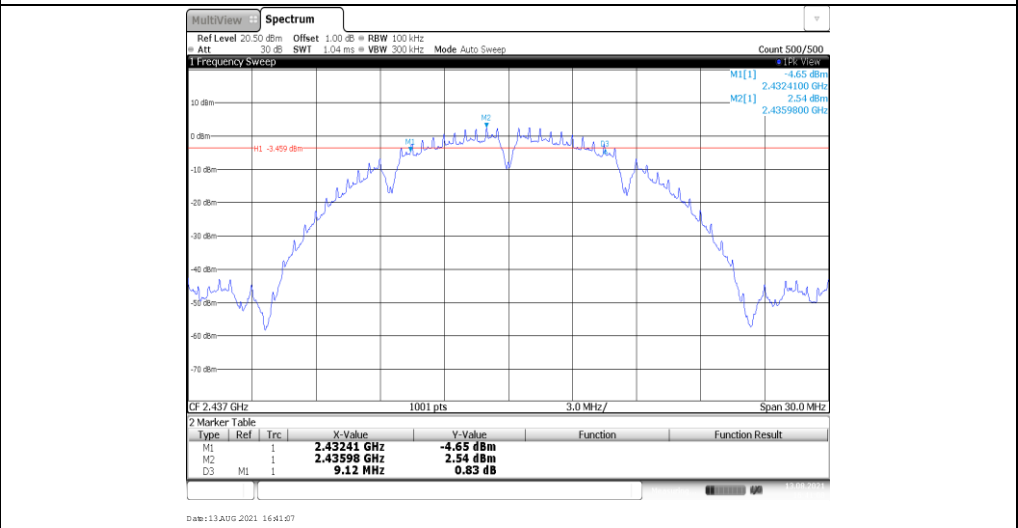
| Type | Channel | 6dB Bandwidth (MHz) | | Limit (kHz) | Result |
|---------------|---------|---------------------|-----------|-------------|--------|
| | | Antenna 0 | Antenna 1 | | |
| 802.11b | 01 | 10.05 | 9.15 | ≥500 | Pass |
| | 06 | 9.12 | 9.15 | | |
| | 11 | 9.63 | 9.63 | | |
| 802.11g | 01 | 15.15 | 15.15 | ≥500 | Pass |
| | 06 | 15.18 | 15.15 | | |
| | 11 | 15.15 | 15.15 | | |
| 802.11n(HT20) | 01 | 17.37 | 17.37 | ≥500 | Pass |
| | 06 | 17.37 | 17.58 | | |
| | 11 | 17.58 | 16.98 | | |

802.11 b **Antenna 0**

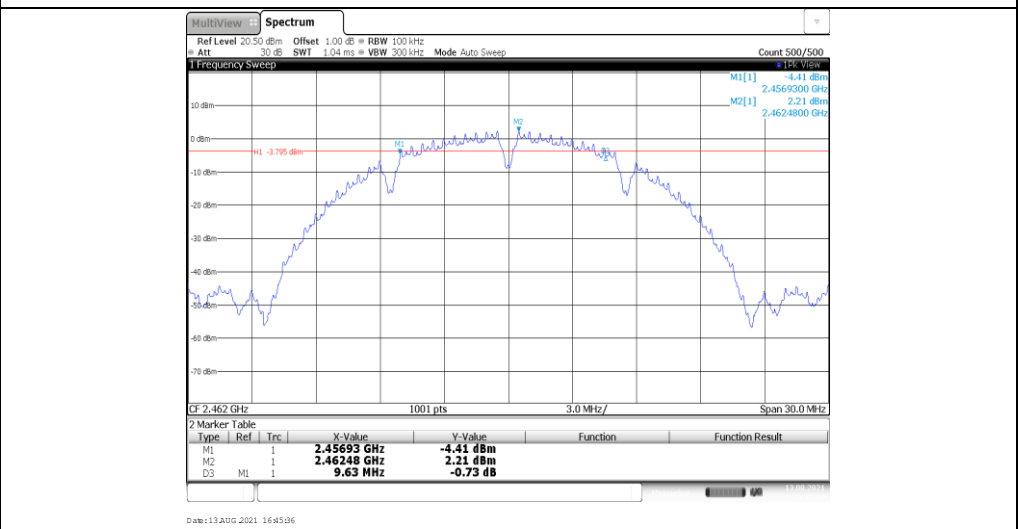
CH01



CH06



CH11

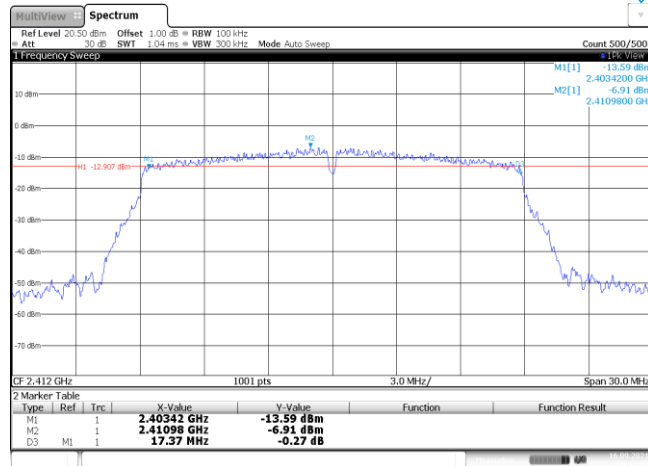


| 802.11 g | Antenna 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|---|------|-------------|------------|----------|-----------------|----------|-----------------|----|--|--|-------------|------------|--|--|----|--|--|-------------|-----------|--|--|----|----|--|-----------|----------|--|--|
| CH01 | <p>MultiView Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1 Frequency Sweep M1(1) -8.96 dBm M2(1) 2.404100 GHz M2(1) -2.86 dBm M2(1) 2.4107100 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></td> <td></td> <td>2.40441 GHz</td> <td>-8.96 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td></td> <td>2.41071 GHz</td> <td>-2.86 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td></td> <td>15.15 MHz</td> <td>-0.16 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 16 AUG 2021 09:28:02</p> | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | | | 2.40441 GHz | -8.96 dBm | | | M2 | | | 2.41071 GHz | -2.86 dBm | | | D3 | M1 | | 15.15 MHz | -0.16 dB | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | | | 2.40441 GHz | -8.96 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | | | 2.41071 GHz | -2.86 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| D3 | M1 | | 15.15 MHz | -0.16 dB | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH06 | <p>MultiView Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1 Frequency Sweep M1(1) -11.09 dBm M2(1) 2.4293800 GHz M2(1) -2.47 dBm M2(1) 2.4357100 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></td> <td></td> <td>2.42938 GHz</td> <td>-11.09 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td></td> <td>2.43571 GHz</td> <td>-2.47 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td></td> <td>15.18 MHz</td> <td>1.83 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 16 AUG 2021 09:46:03</p> | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | | | 2.42938 GHz | -11.09 dBm | | | M2 | | | 2.43571 GHz | -2.47 dBm | | | D3 | M1 | | 15.18 MHz | 1.83 dB | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | | | 2.42938 GHz | -11.09 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | | | 2.43571 GHz | -2.47 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| D3 | M1 | | 15.18 MHz | 1.83 dB | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH11 | <p>MultiView Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1 Frequency Sweep M1(1) -8.38 dBm M2(1) 2.4544100 GHz M2(1) -1.88 dBm M2(1) 2.4607100 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></td> <td></td> <td>2.45441 GHz</td> <td>-8.38 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td></td> <td>2.46071 GHz</td> <td>-1.88 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td></td> <td>15.15 MHz</td> <td>-0.38 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 16 AUG 2021 09:48:00</p> | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | | | 2.45441 GHz | -8.38 dBm | | | M2 | | | 2.46071 GHz | -1.88 dBm | | | D3 | M1 | | 15.15 MHz | -0.38 dB | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | | | 2.45441 GHz | -8.38 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | | | 2.46071 GHz | -1.88 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| D3 | M1 | | 15.15 MHz | -0.38 dB | | | | | | | | | | | | | | | | | | | | | | | | | |

802.11n(HT20)

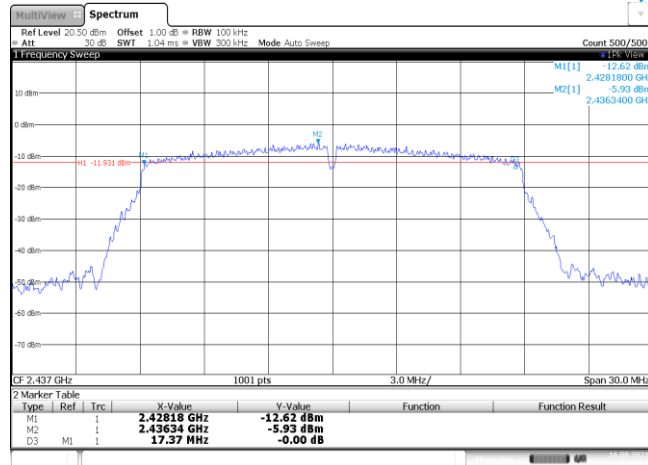
Antenna 0

CH01



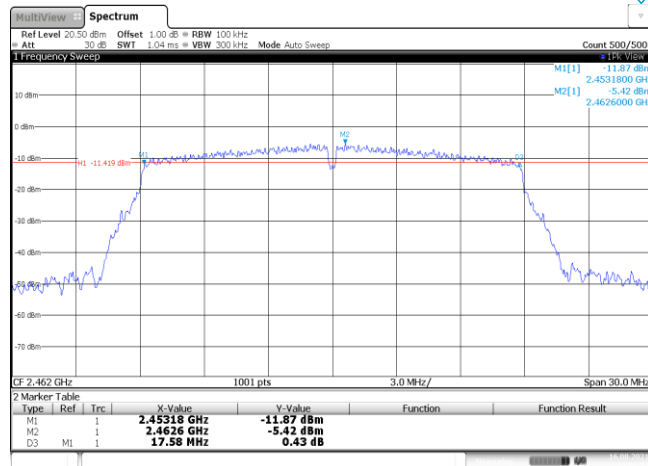
Date:16 AUG 2021 09:53:03

CH06

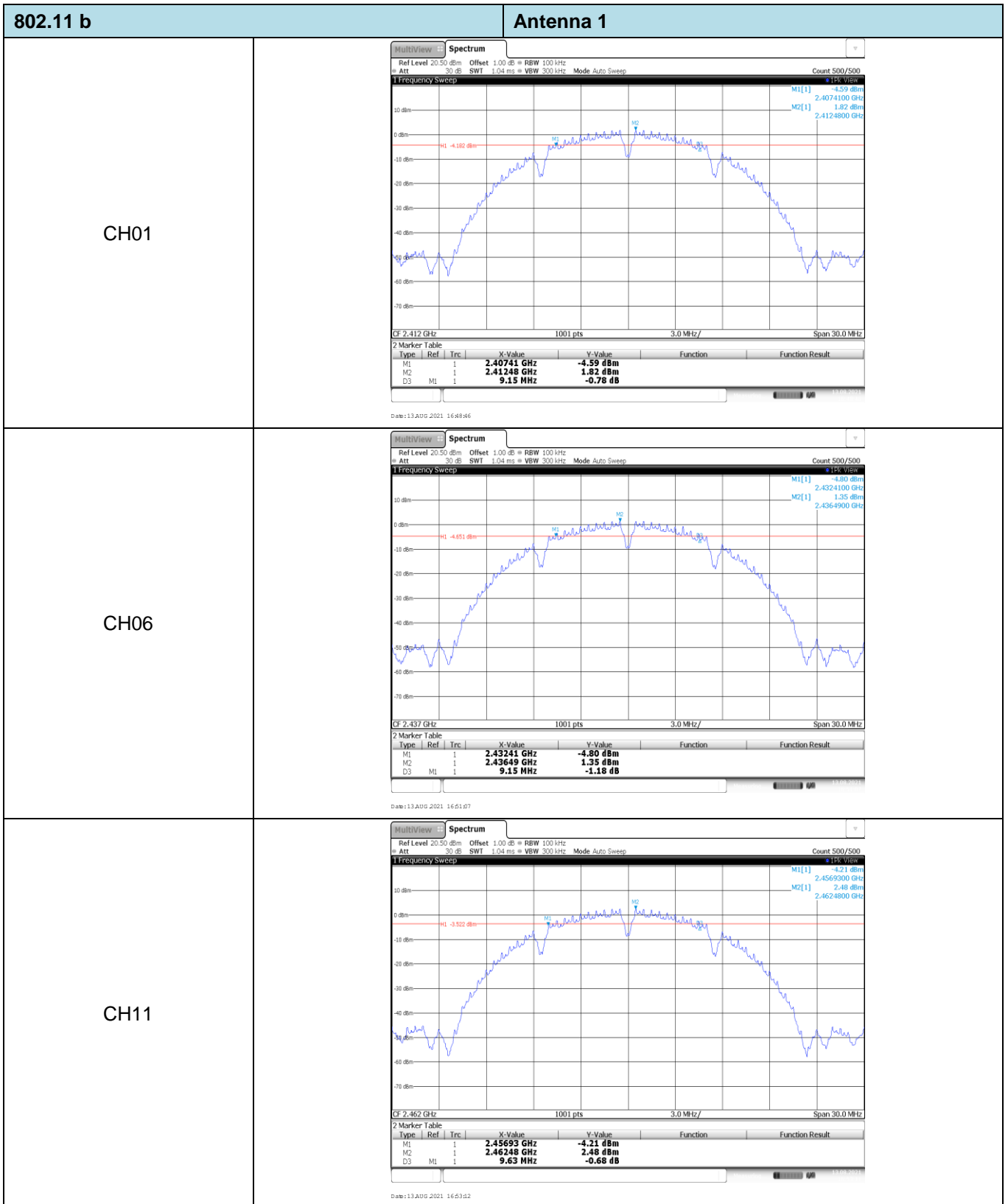


Date:16 AUG 2021 09:56:07

CH11



Date:16 AUG 2021 10:01:01

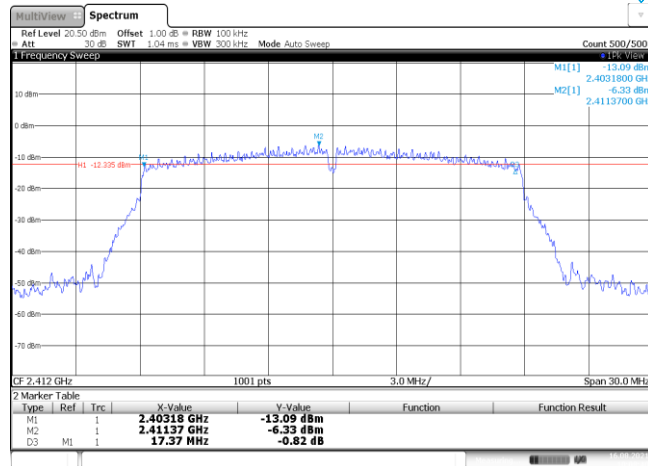


| 802.11 g | Antenna 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|---|------|-------------|-----------|----------|-----------------|----------|-----------------|----|---|--|-------------|-----------|--|--|----|---|--|-------------|-----------|--|--|----|----|---|-----------|----------|--|--|
| CH01 | <p>MultiView Spectrum</p> <p>Ref Level 20.50 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWF 1.04 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1 Frequency Sweep</p> <p>M1[1] -9.29 dBm 2.404100 GHz M2[1] -2.74 dBm 2.4107100 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>2.40441 GHz</td> <td>-9.29 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.41071 GHz</td> <td>-2.74 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>15.15 MHz</td> <td>-0.03 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13 AUG 2021 17:50:26</p> | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.40441 GHz | -9.29 dBm | | | M2 | 1 | | 2.41071 GHz | -2.74 dBm | | | D3 | M1 | 1 | 15.15 MHz | -0.03 dB | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.40441 GHz | -9.29 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.41071 GHz | -2.74 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| D3 | M1 | 1 | 15.15 MHz | -0.03 dB | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH06 | <p>MultiView Spectrum</p> <p>Ref Level 20.50 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWF 1.04 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1 Frequency Sweep</p> <p>M1[1] -9.41 dBm 2.4294100 GHz M2[1] -3.33 dBm 2.4357100 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>2.42941 GHz</td> <td>-9.41 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.43571 GHz</td> <td>-3.33 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>15.15 MHz</td> <td>-0.19 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 14 AUG 2021 10:59:03</p> | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.42941 GHz | -9.41 dBm | | | M2 | 1 | | 2.43571 GHz | -3.33 dBm | | | D3 | M1 | 1 | 15.15 MHz | -0.19 dB | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.42941 GHz | -9.41 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.43571 GHz | -3.33 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| D3 | M1 | 1 | 15.15 MHz | -0.19 dB | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH11 | <p>MultiView Spectrum</p> <p>Ref Level 30.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWF 1.04 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1 Frequency Sweep</p> <p>M1[1] -8.54 dBm 2.454100 GHz M2[1] -2.15 dBm 2.4607100 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>2.45441 GHz</td> <td>-8.54 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.46071 GHz</td> <td>-2.15 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>15.15 MHz</td> <td>-0.02 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13 AUG 2021 17:42:22</p> | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.45441 GHz | -8.54 dBm | | | M2 | 1 | | 2.46071 GHz | -2.15 dBm | | | D3 | M1 | 1 | 15.15 MHz | -0.02 dB | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.45441 GHz | -8.54 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.46071 GHz | -2.15 dBm | | | | | | | | | | | | | | | | | | | | | | | | | |
| D3 | M1 | 1 | 15.15 MHz | -0.02 dB | | | | | | | | | | | | | | | | | | | | | | | | | |

802.11n(HT20)

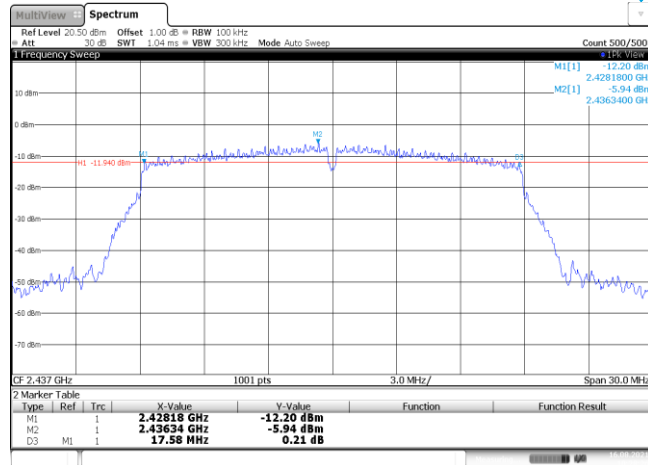
Antenna 1

CH01



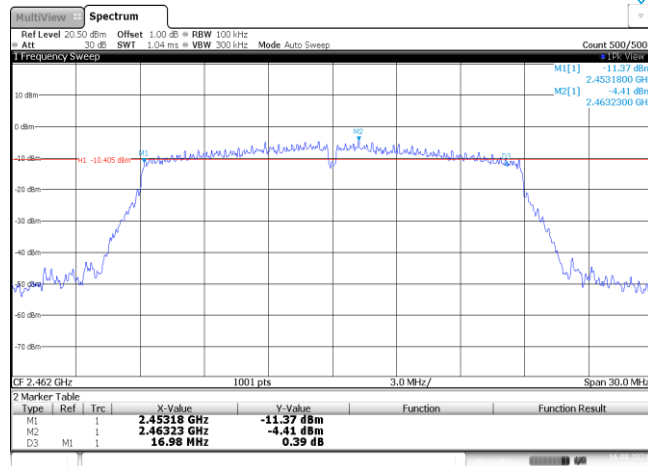
Date:16 AUG 2021 10:58:40

CH06



Date:16 AUG 2021 10:28:26

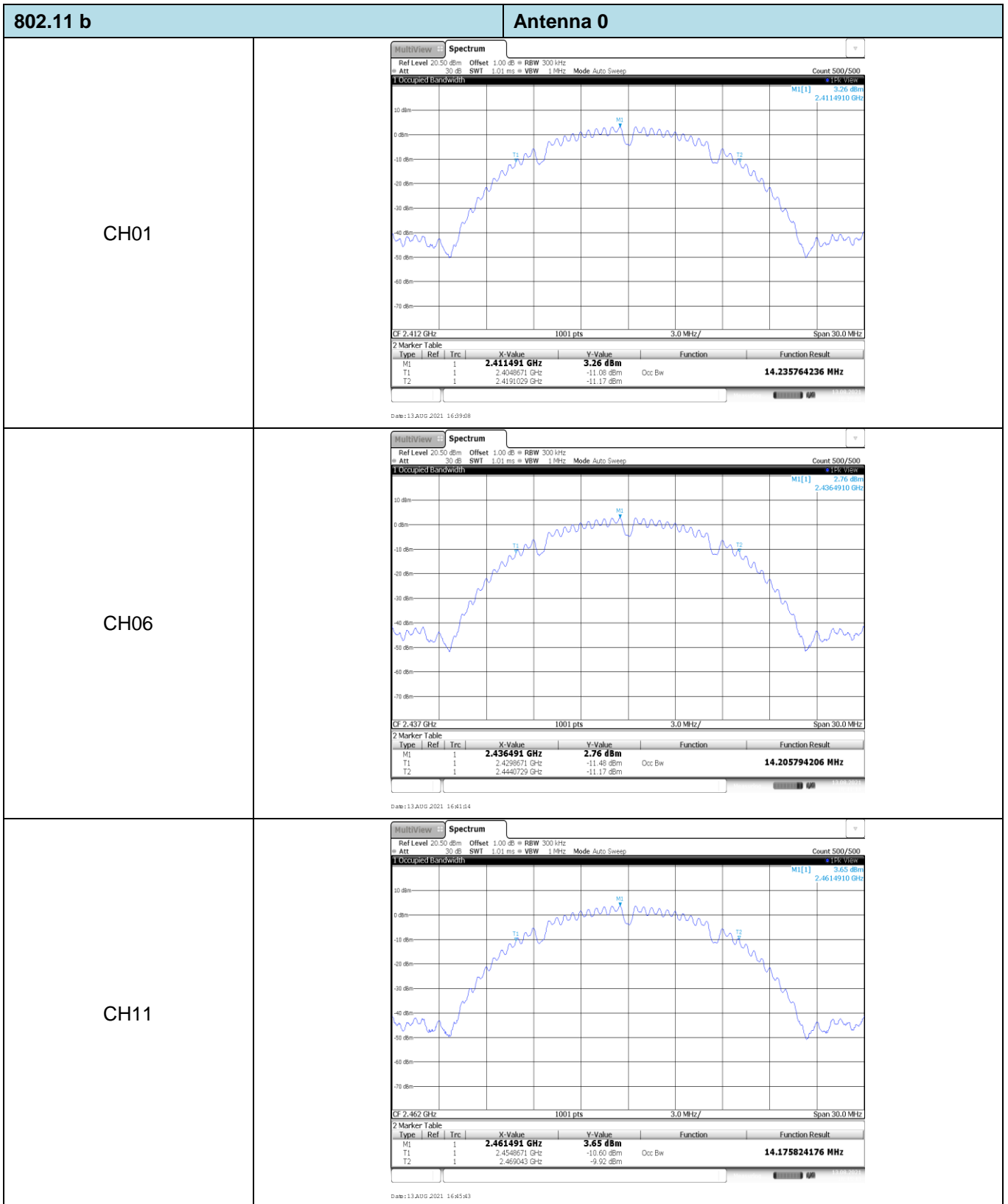
CH11



Date:16 AUG 2021 10:52:22

Appendix D: 99% Occupied Bandwidth

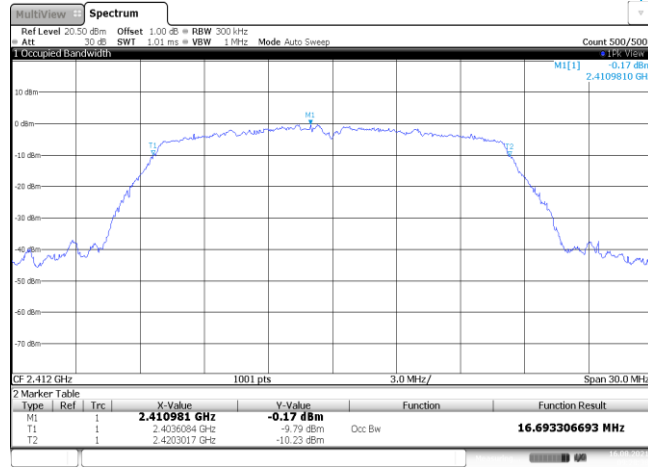
| Type | Channel | 99% Bandwidth (MHz) | | Limit (kHz) | Result |
|---------------|---------|---------------------|-----------|-------------|--------|
| | | Antenna 0 | Antenna 1 | | |
| 802.11b | 01 | 14.24 | 14.15 | - | Pass |
| | 06 | 14.21 | 14.15 | | |
| | 11 | 14.18 | 14.18 | | |
| 802.11g | 01 | 16.69 | 16.63 | - | Pass |
| | 06 | 16.66 | 16.69 | | |
| | 11 | 16.69 | 16.69 | | |
| 802.11n(HT20) | 01 | 17.62 | 17.53 | - | Pass |
| | 06 | 17.59 | 17.56 | | |
| | 11 | 17.62 | 17.56 | | |



802.11 g

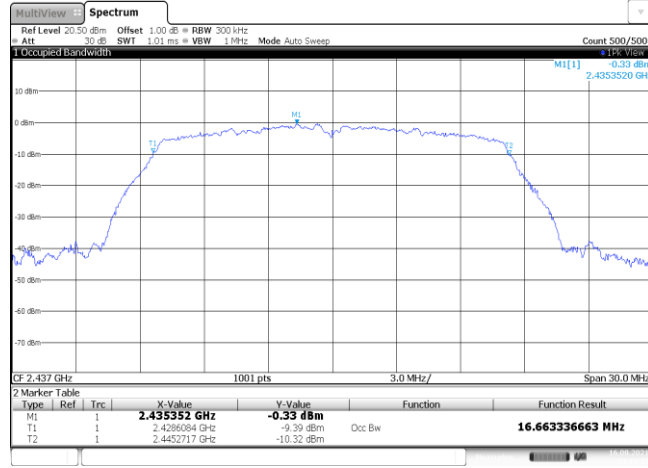
Antenna 0

CH01



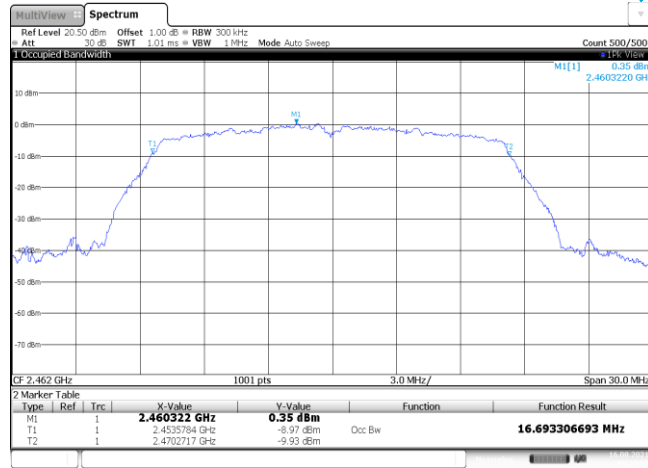
Date: 16 AUG 2021 09:28:28

CH06



Date: 16 AUG 2021 09:44:28

CH11

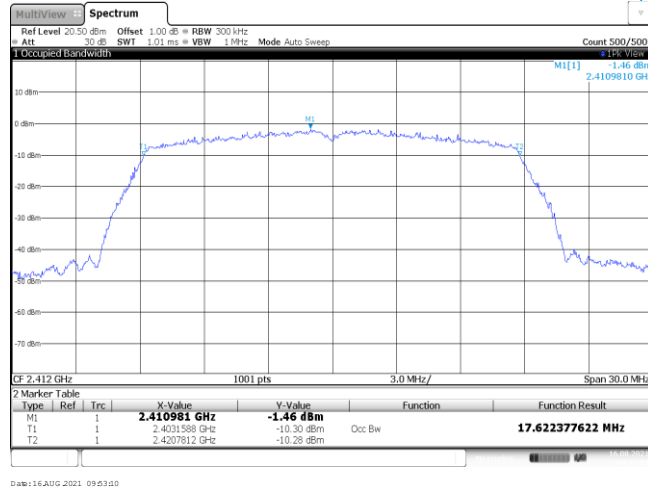


Date: 16 AUG 2021 09:48:07

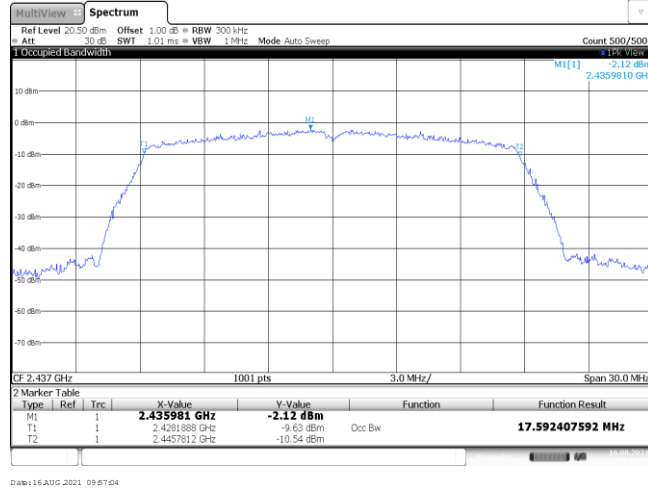
802.11n(HT20)

Antenna 0

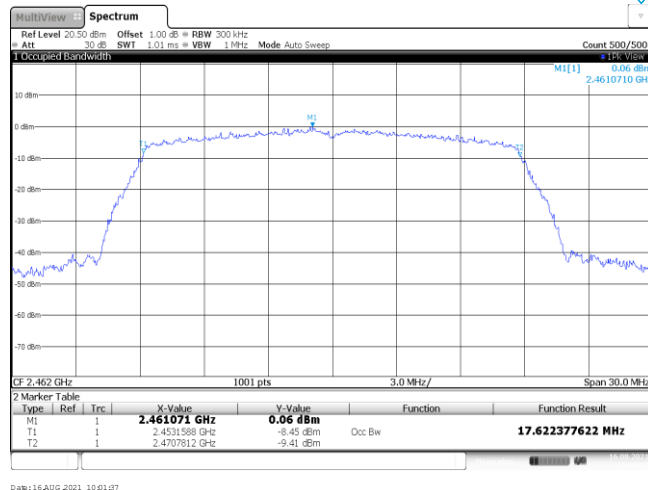
CH01



CH06



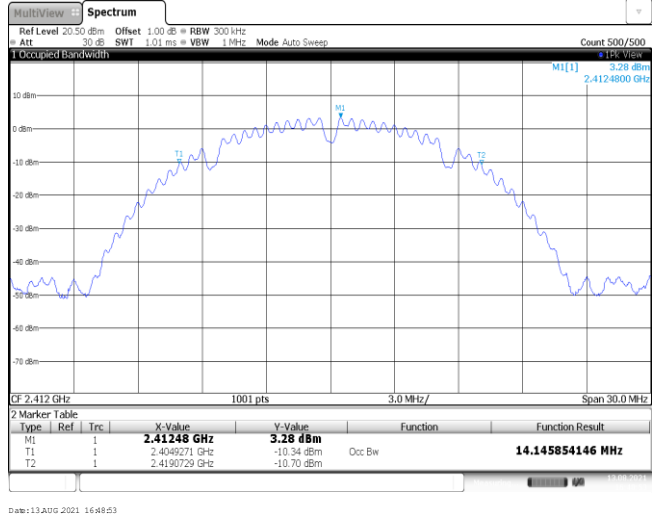
CH11



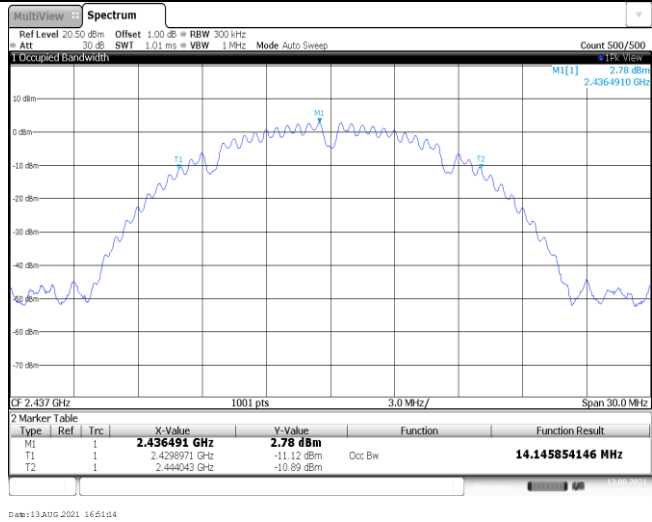
802.11 b

Antenna 1

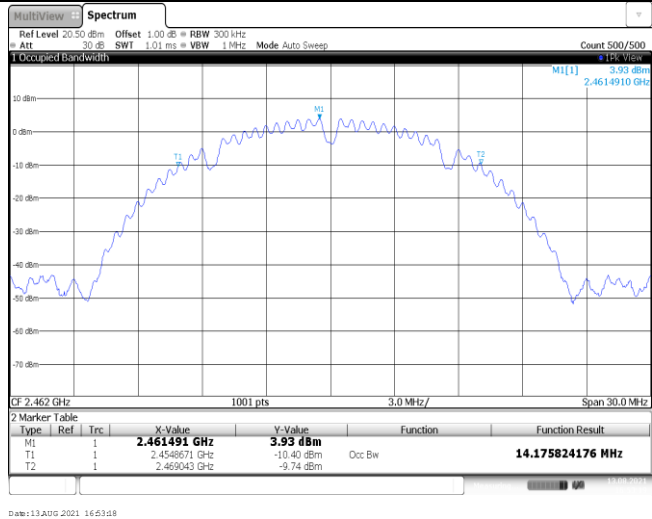
CH01

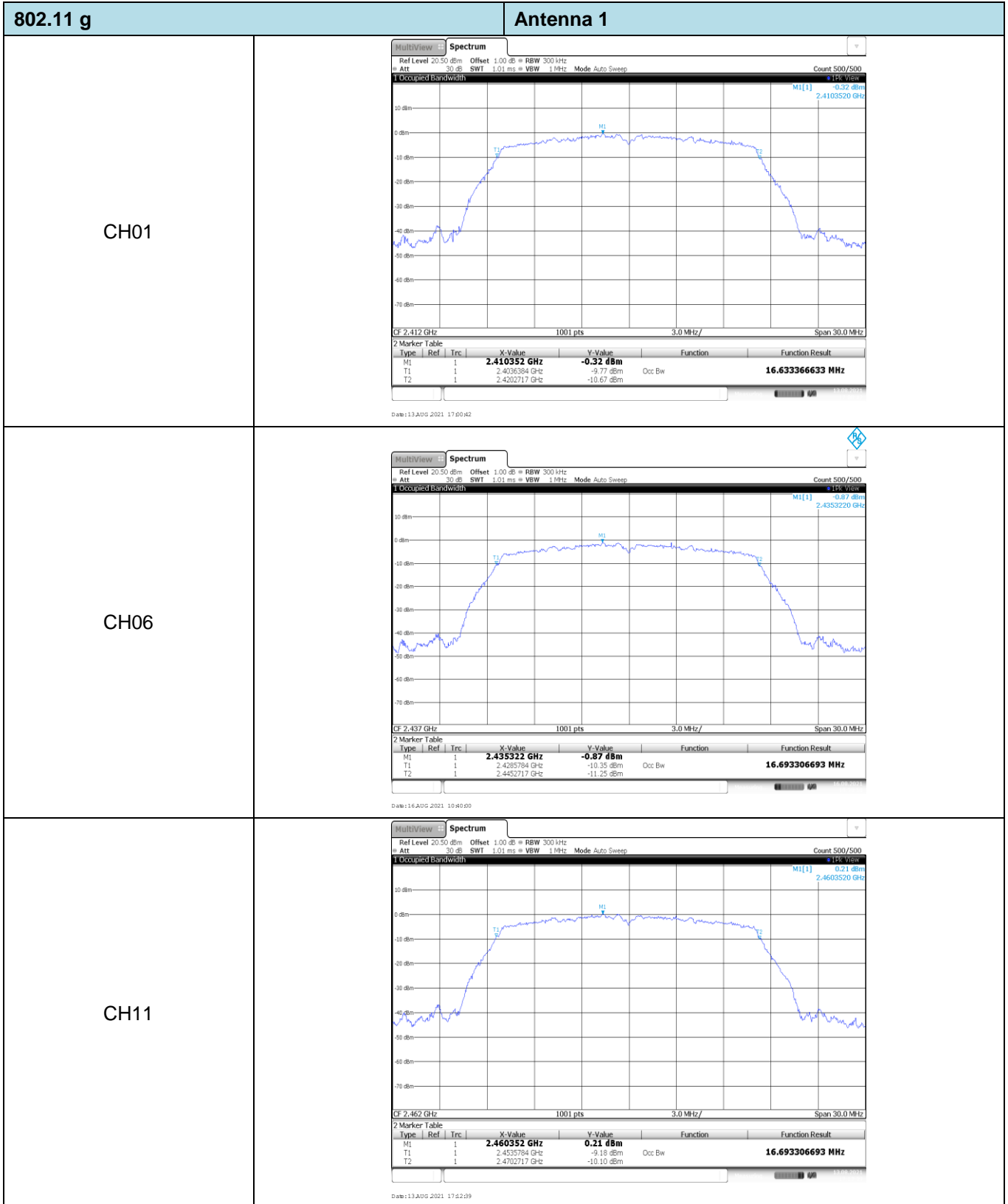


CH06



CH11

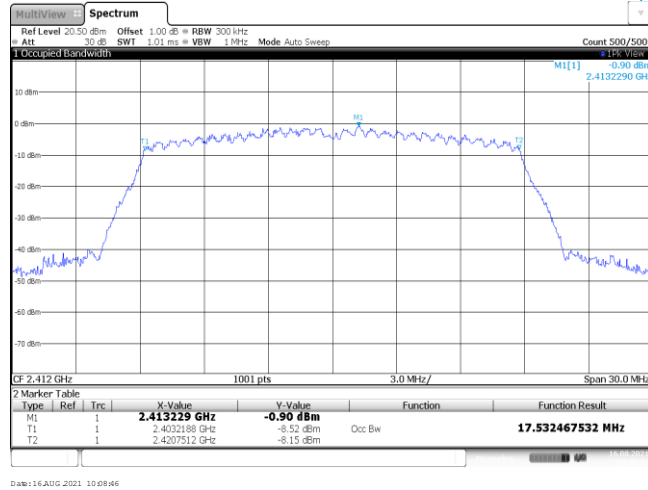




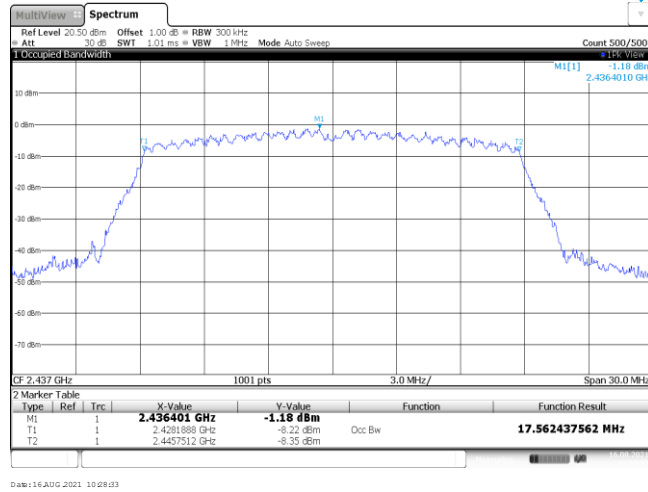
802.11n(HT20)

Antenna 1

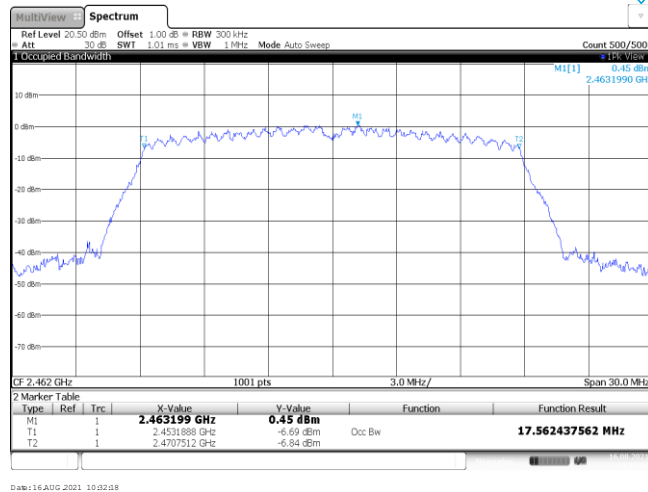
CH01



CH06

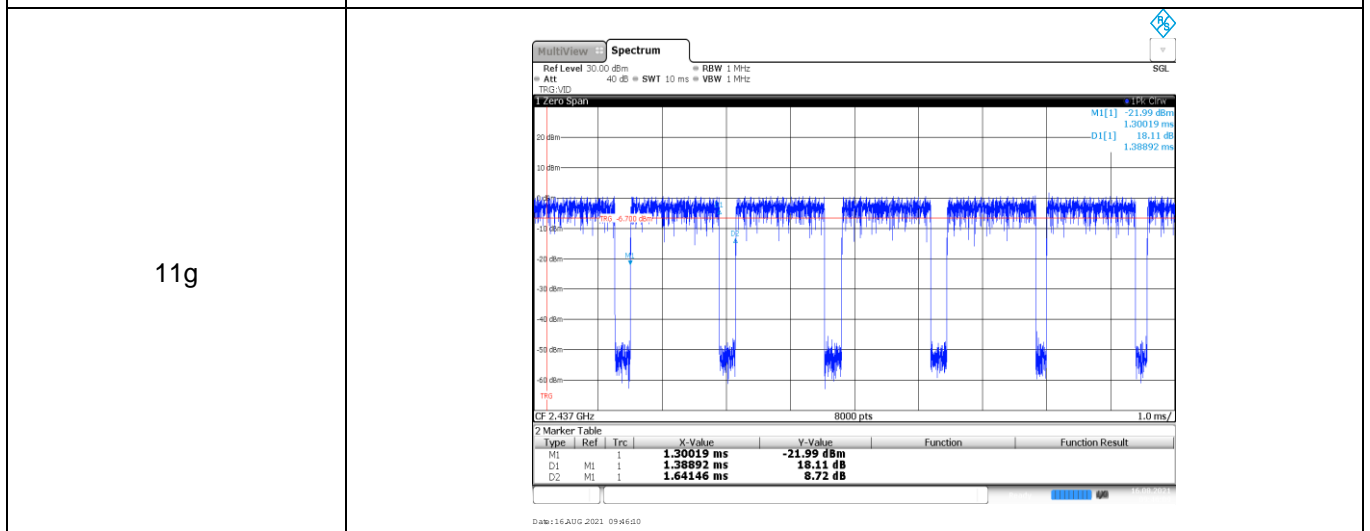
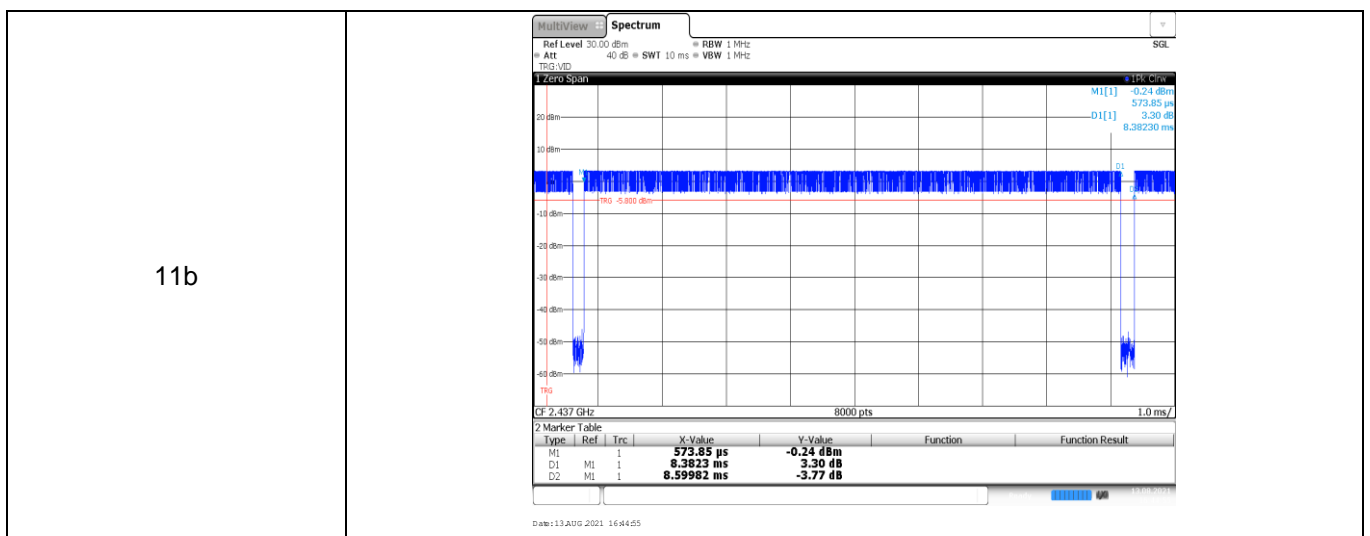


CH11

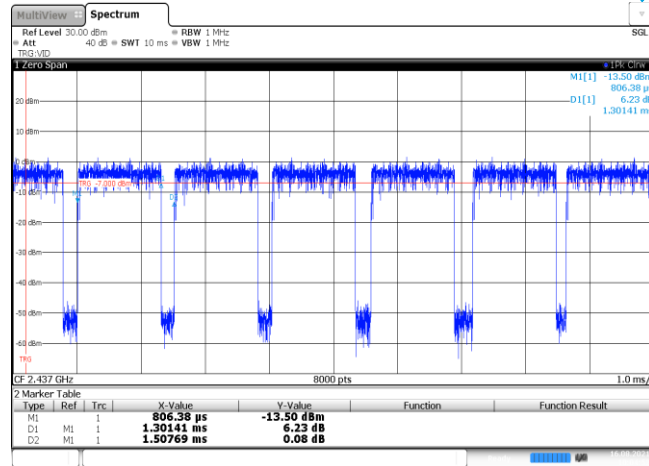


Appendix E: Duty Cycle

| Modulation Type | Test Frequency (MHz) | T _{on time} for single burst (ms) | T _{period} (ms) | Duty cycle | 1/T _{on time} (kHz) |
|-----------------|----------------------|--|--------------------------|------------|------------------------------|
| 11b | 2437 | 8.38 | 8.60 | 97.4% | 0.1 |
| 11g | 2437 | 1.39 | 1.64 | 84.8% | 0.7 |
| 11n20 | 2437 | 1.30 | 1.51 | 86.1% | 0.8 |

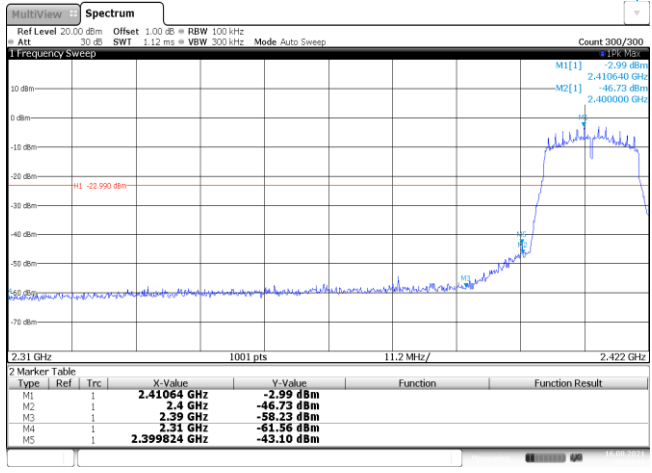
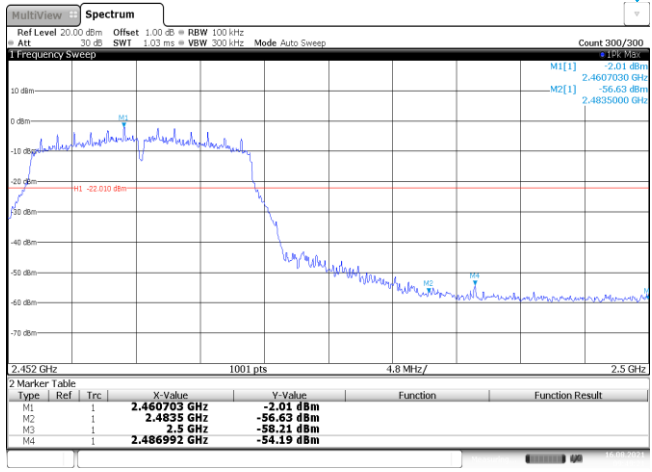


11n20

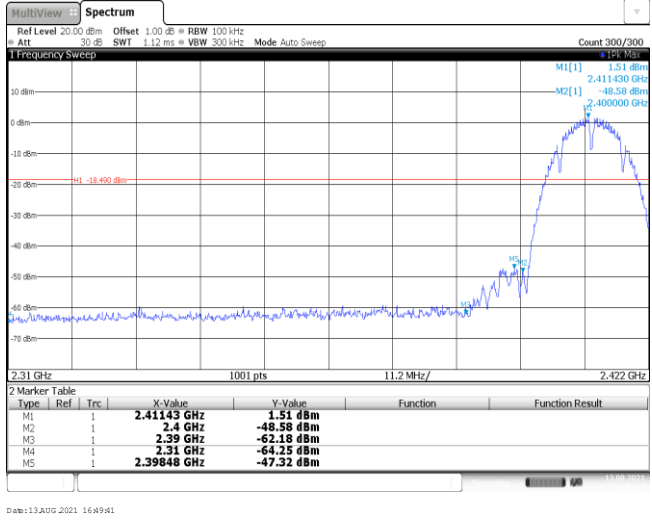
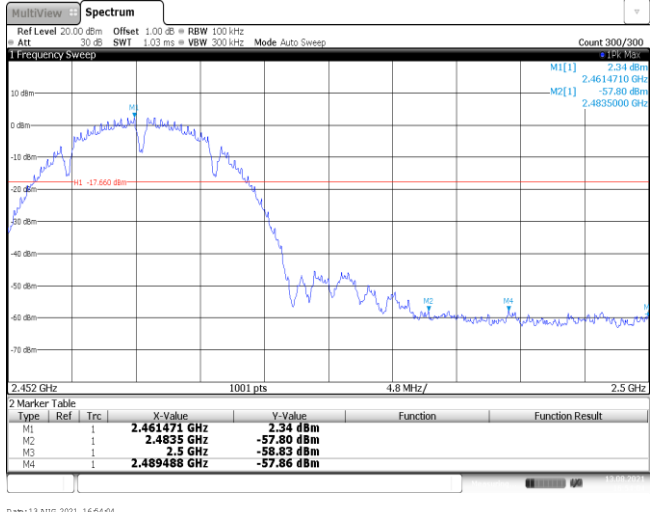


Appendix F: Band Edge and Spurious Emissions (Conducted)


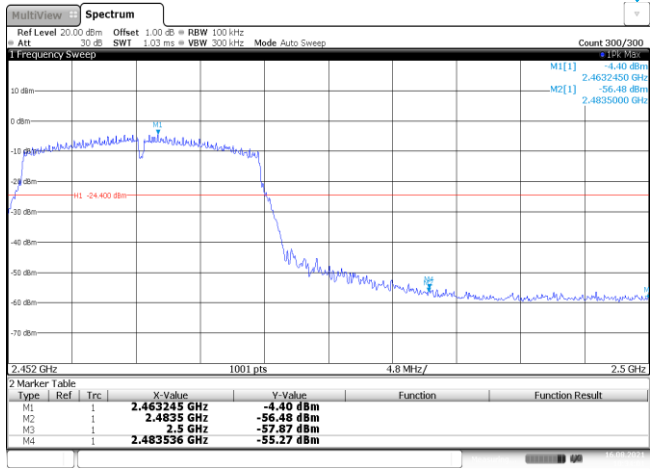
| Test Item: | Bandedge | 802.11 b | Antenna 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|----------|--------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|--------------|----------|--|--|----|---|--|------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|--------------|------------|--|--|
| 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>2.41143 GHz</td> <td>1.56 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-45.48 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-62.20 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-62.34 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.397024 GHz</td> <td>-42.52 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date:13.AUG 2021 16:39:25</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.41143 GHz | 1.56 dBm | | | M2 | 1 | | 2.4 GHz | -45.48 dBm | | | M3 | 1 | | 2.39 GHz | -62.20 dBm | | | M4 | 1 | | 2.31 GHz | -62.34 dBm | | | M5 | 1 | | 2.397024 GHz | -42.52 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.41143 GHz | 1.56 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4 GHz | -45.48 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.39 GHz | -62.20 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.31 GHz | -62.34 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M5 | 1 | | 2.397024 GHz | -42.52 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>2.31 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-58.47 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-58.87 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.483584 GHz</td> <td>-56.55 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date:13.AUG 2021 16:46:36</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.461471 GHz | 2.31 dBm | | | M2 | 1 | | 2.4835 GHz | -58.47 dBm | | | M3 | 1 | | 2.5 GHz | -58.87 dBm | | | M4 | 1 | | 2.483584 GHz | -56.55 dBm | | | | | | | | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.461471 GHz | 2.31 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4835 GHz | -58.47 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.5 GHz | -58.87 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.483584 GHz | -56.55 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Test Item: | Bandedge | 802.11 g | Antenna 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|----------|--------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|-------------|-----------|--|--|----|---|--|-------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|--------------|------------|--|--|
| CH01 |  <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.12 ms VBW 300 kHz Mode Auto Sweep Count 300/300</p> <p>1 Frequency Sweep</p> <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>-2.99 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-46.73 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-58.23 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-61.56 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399824 GHz</td> <td>-43.10 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 16 AUG 2021 09:03:02</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.41064 GHz | -2.99 dBm | | | M2 | 1 | | 2.4 GHz | -46.73 dBm | | | M3 | 1 | | 2.39 GHz | -58.23 dBm | | | M4 | 1 | | 2.31 GHz | -61.56 dBm | | | M5 | 1 | | 2.399824 GHz | -43.10 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.41064 GHz | -2.99 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4 GHz | -46.73 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.39 GHz | -58.23 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.31 GHz | -61.56 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M5 | 1 | | 2.399824 GHz | -43.10 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH11 |  <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300</p> <p>1 Frequency Sweep</p> <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>2.46703 GHz</td> <td>-2.01 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.48335 GHz</td> <td>-56.63 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-58.21 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.486992 GHz</td> <td>-54.19 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 16 AUG 2021 09:03:21</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.46703 GHz | -2.01 dBm | | | M2 | 1 | | 2.48335 GHz | -56.63 dBm | | | M3 | 1 | | 2.5 GHz | -58.21 dBm | | | M4 | 1 | | 2.486992 GHz | -54.19 dBm | | | | | | | | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.46703 GHz | -2.01 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.48335 GHz | -56.63 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.5 GHz | -58.21 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.486992 GHz | -54.19 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Test Item: | Bandedge | 802.11 n(HT20) | Antenna 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|----------------|--------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|--------------|-----------|--|--|----|---|--|-------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|--------------|------------|--|--|
| CH01 | <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.12 ms VBW 300 kHz Mode Auto Sweep Count 300/300</p> <p>1 Frequency Sweep</p> <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>2.41255 GHz</td> <td>-7.50 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-49.40 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-56.29 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-61.49 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399712 GHz</td> <td>-48.22 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 16 AUG 2021 09:55:07</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.41255 GHz | -7.50 dBm | | | M2 | 1 | | 2.4 GHz | -49.40 dBm | | | M3 | 1 | | 2.39 GHz | -56.29 dBm | | | M4 | 1 | | 2.31 GHz | -61.49 dBm | | | M5 | 1 | | 2.399712 GHz | -48.22 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.41255 GHz | -7.50 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4 GHz | -49.40 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.39 GHz | -56.29 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.31 GHz | -61.49 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M5 | 1 | | 2.399712 GHz | -48.22 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH11 | <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300</p> <p>1 Frequency Sweep</p> <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>2.460991 GHz</td> <td>-5.75 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.48335 GHz</td> <td>-55.61 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-58.22 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.483584 GHz</td> <td>-54.03 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 16 AUG 2021 10:02:00</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.460991 GHz | -5.75 dBm | | | M2 | 1 | | 2.48335 GHz | -55.61 dBm | | | M3 | 1 | | 2.5 GHz | -58.22 dBm | | | M4 | 1 | | 2.483584 GHz | -54.03 dBm | | | | | | | | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.460991 GHz | -5.75 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.48335 GHz | -55.61 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.5 GHz | -58.22 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.483584 GHz | -54.03 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

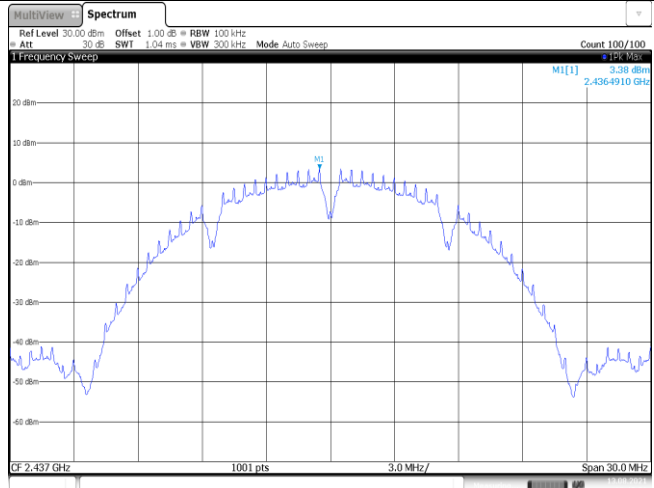
| Test Item: | Bandedge | 802.11 b | Antenna 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|----------|--------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|--------------|----------|--|--|----|---|--|------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|-------------|------------|--|--|
| 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>2.41143 GHz</td> <td>1.51 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-48.53 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-62.18 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.25 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.39848 GHz</td> <td>-47.32 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13 AUG 2021 16:49:41</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.41143 GHz | 1.51 dBm | | | M2 | 1 | | 2.4 GHz | -48.53 dBm | | | M3 | 1 | | 2.39 GHz | -62.18 dBm | | | M4 | 1 | | 2.31 GHz | -64.25 dBm | | | M5 | 1 | | 2.39848 GHz | -47.32 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.41143 GHz | 1.51 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4 GHz | -48.53 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.39 GHz | -62.18 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.31 GHz | -64.25 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M5 | 1 | | 2.39848 GHz | -47.32 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>2.34 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-57.80 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-58.83 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.489488 GHz</td> <td>-57.86 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13 AUG 2021 16:54:04</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.461471 GHz | 2.34 dBm | | | M2 | 1 | | 2.4835 GHz | -57.80 dBm | | | M3 | 1 | | 2.5 GHz | -58.83 dBm | | | M4 | 1 | | 2.489488 GHz | -57.86 dBm | | | | | | | | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.461471 GHz | 2.34 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4835 GHz | -57.80 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.5 GHz | -58.83 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.489488 GHz | -57.86 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Test Item: | Bandedge | 802.11 g | Antenna 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|----------|--------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|--------------|-----------|--|--|----|---|--|------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|--------------|------------|--|--|
| 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>2.41322 GHz</td> <td>-2.96 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-46.28 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-55.99 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-61.17 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399824 GHz</td> <td>-44.22 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13 AUG 2021 17:01:50</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.41322 GHz | -2.96 dBm | | | M2 | 1 | | 2.4 GHz | -46.28 dBm | | | M3 | 1 | | 2.39 GHz | -55.99 dBm | | | M4 | 1 | | 2.31 GHz | -61.17 dBm | | | M5 | 1 | | 2.399824 GHz | -44.22 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.41322 GHz | -2.96 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4 GHz | -46.28 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.39 GHz | -55.99 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.31 GHz | -61.17 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M5 | 1 | | 2.399824 GHz | -44.22 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>2.460703 GHz</td> <td>-2.08 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-56.18 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-57.71 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.495728 GHz</td> <td>-55.41 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13 AUG 2021 17:03:27</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.460703 GHz | -2.08 dBm | | | M2 | 1 | | 2.4835 GHz | -56.18 dBm | | | M3 | 1 | | 2.5 GHz | -57.71 dBm | | | M4 | 1 | | 2.495728 GHz | -55.41 dBm | | | | | | | | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.460703 GHz | -2.08 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4835 GHz | -56.18 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.5 GHz | -57.71 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.495728 GHz | -55.41 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Test Item: | Bandedge | 802.11 n(HT20) | Antenna 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|----------------|--------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|--------------|-----------|--|--|----|---|--|-------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|--------------|------------|--|--|
| CH01 |  <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.12 ms VBW 300 kHz Mode Auto Sweep</p> <p>Count 300/300</p> <p>1 Frequency Sweep</p> <p>M1[1] -6.60 dBm 2.41131 GHz M2[1] -47.73 dBm 2.40000 GHz</p> <p>H1 -26.00 dBm</p> <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>2.41131 GHz</td> <td>-6.60 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-47.73 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-58.17 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-62.88 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399824 GHz</td> <td>-46.11 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 16 AUG 2021 10:09:06</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.41131 GHz | -6.60 dBm | | | M2 | 1 | | 2.4 GHz | -47.73 dBm | | | M3 | 1 | | 2.39 GHz | -58.17 dBm | | | M4 | 1 | | 2.31 GHz | -62.88 dBm | | | M5 | 1 | | 2.399824 GHz | -46.11 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.41131 GHz | -6.60 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4 GHz | -47.73 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.39 GHz | -58.17 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.31 GHz | -62.88 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M5 | 1 | | 2.399824 GHz | -46.11 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CH11 |  <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.03 ms VBW 300 kHz Mode Auto Sweep</p> <p>Count 300/300</p> <p>1 Frequency Sweep</p> <p>M1[1] -4.40 dBm 2.463245 GHz M2[1] -56.48 dBm 2.483500 GHz</p> <p>H1 -24.40 dBm</p> <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>2.463245 GHz</td> <td>-4.40 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.48335 GHz</td> <td>-56.48 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-57.87 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.483536 GHz</td> <td>-55.27 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 16 AUG 2021 10:04:01</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.463245 GHz | -4.40 dBm | | | M2 | 1 | | 2.48335 GHz | -56.48 dBm | | | M3 | 1 | | 2.5 GHz | -57.87 dBm | | | M4 | 1 | | 2.483536 GHz | -55.27 dBm | | | | | | | | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.463245 GHz | -4.40 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.48335 GHz | -56.48 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.5 GHz | -57.87 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.483536 GHz | -55.27 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

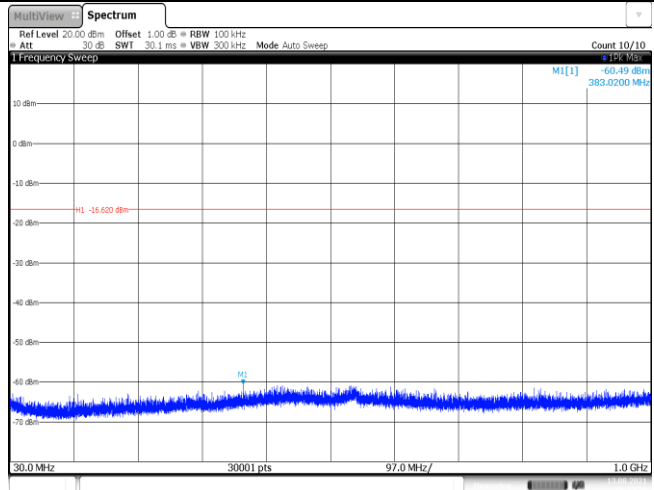
| Test Item: | SE | 802.11 b | Antenna 0 |
|----------------------|--|----------|-----------|
| Reference level CH01 | <p>MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWF 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MI[1] 1.73 dBm 2.412800 GHz CF 2.412 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date:13 AUG 2021 16:39:21</p> | | |
| CH01 | <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWF 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep MI[1] -60.04 dBm 444.7740 MHz MI -18.250 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date:13 AUG 2021 16:39:48</p> | | |
| | <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWF 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep MI[1] -43.03 dBm 4.823333 GHz MI -18.250 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date:13 AUG 2021 16:40:24</p> | | |

Reference level CH06

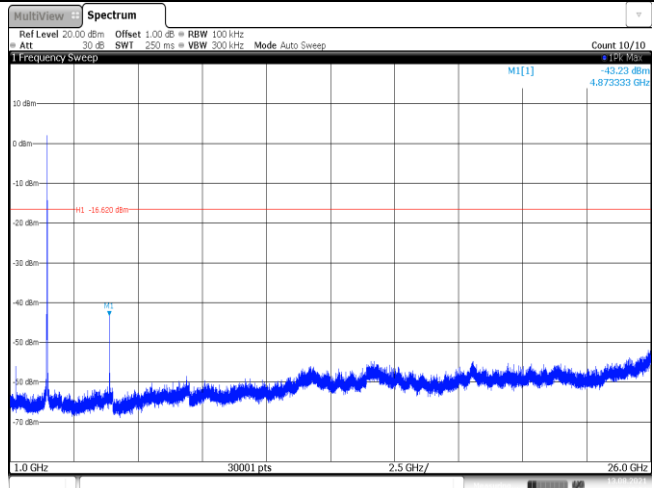


Date:13.AUG.2021 16:43:21

CH06

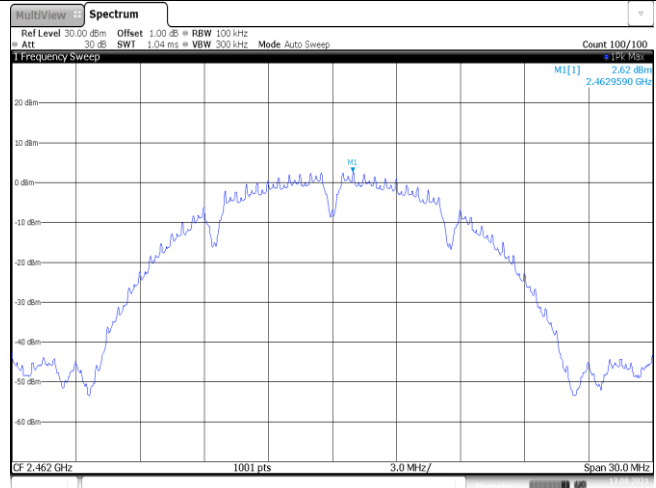


Date:13.AUG.2021 16:43:38

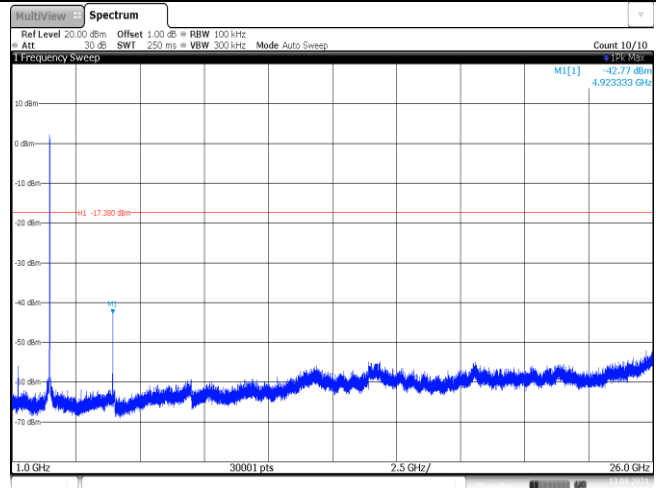
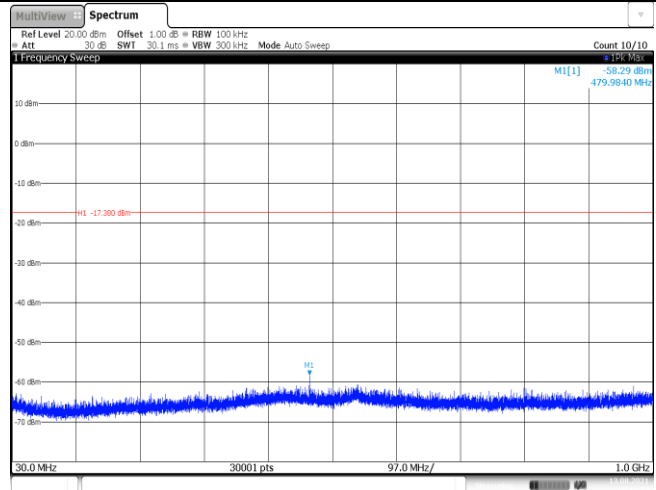


Date:13.AUG.2021 16:43:54

Reference level CH11

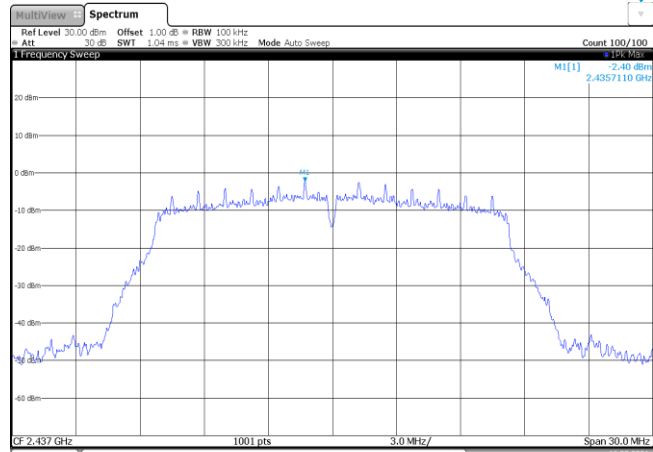


CH11

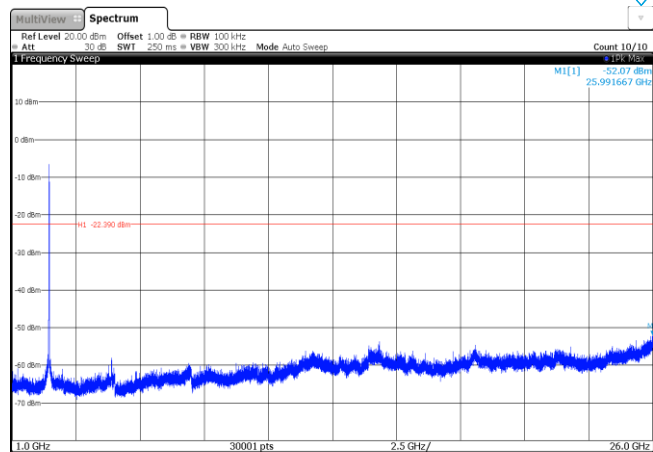
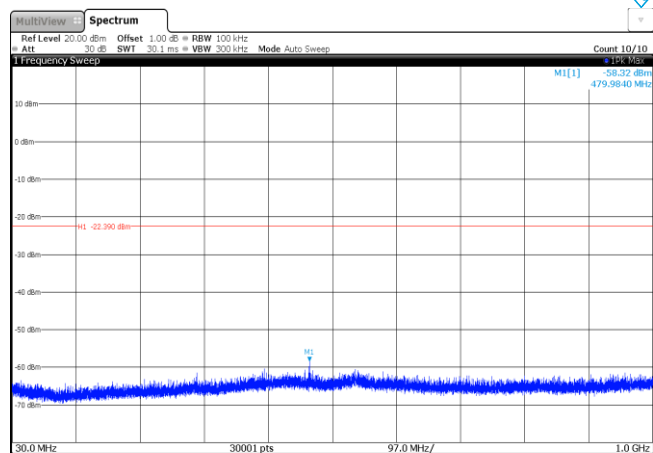


| Test Item: | SE | 802.11 g | Antenna 0 |
|----------------------|----|----------|-----------|
| Reference level CH01 | | | |
| CH01 | | | |
| | | | |

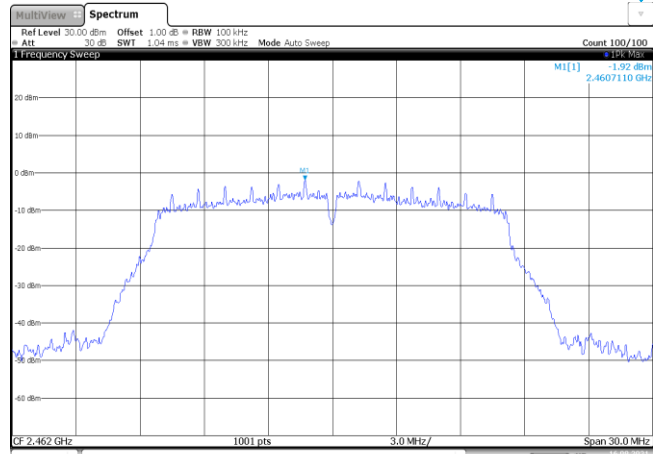
Reference level CH06



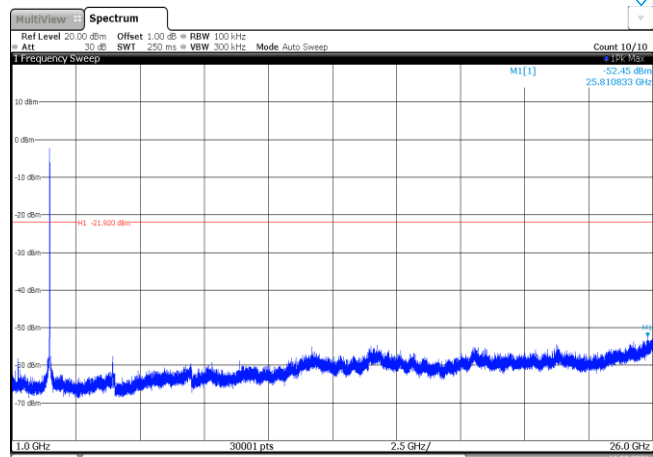
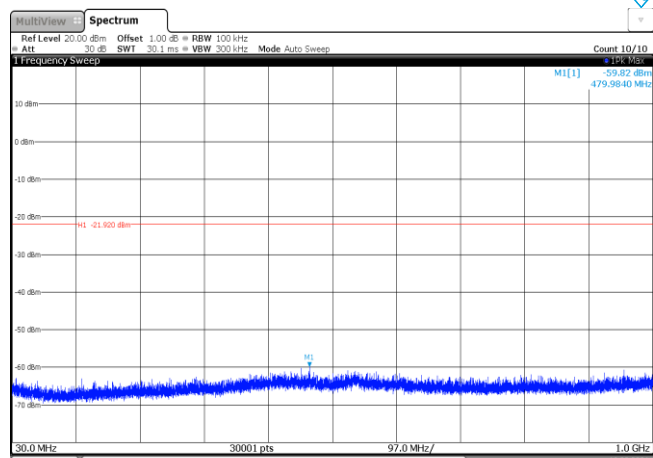
CH06

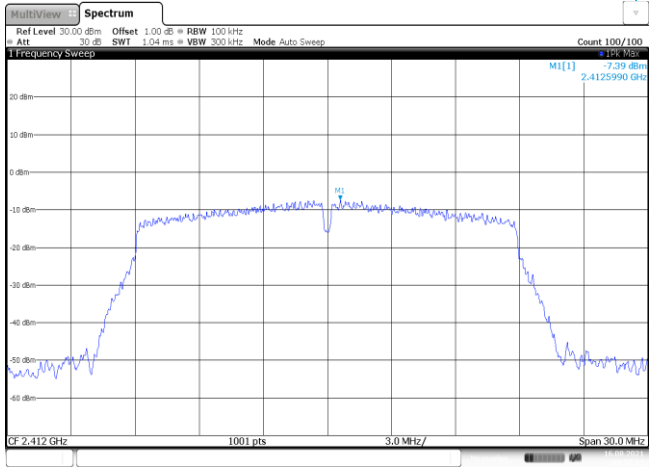
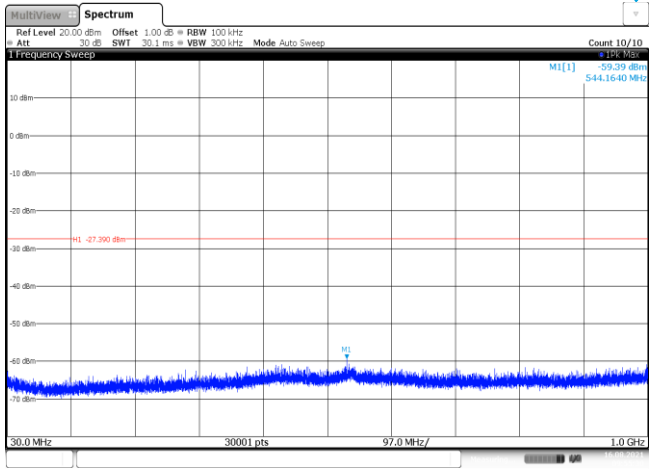
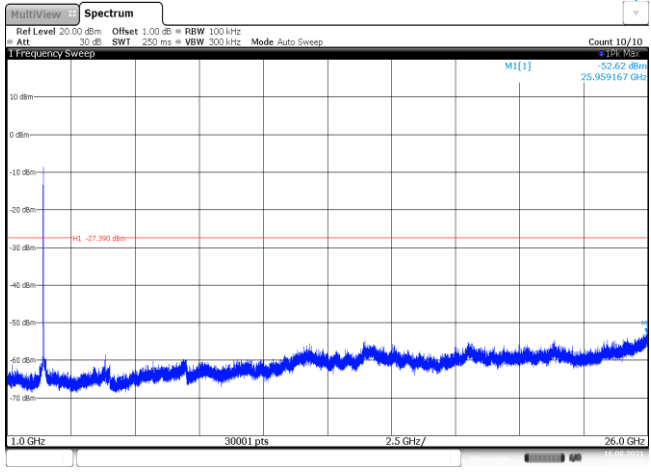


Reference level CH11

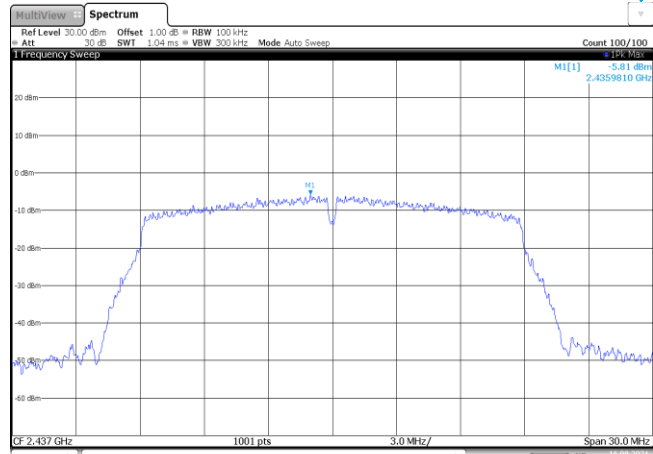


CH11

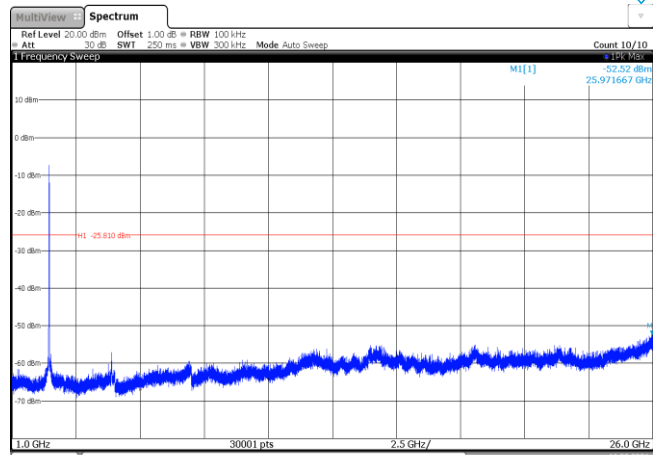
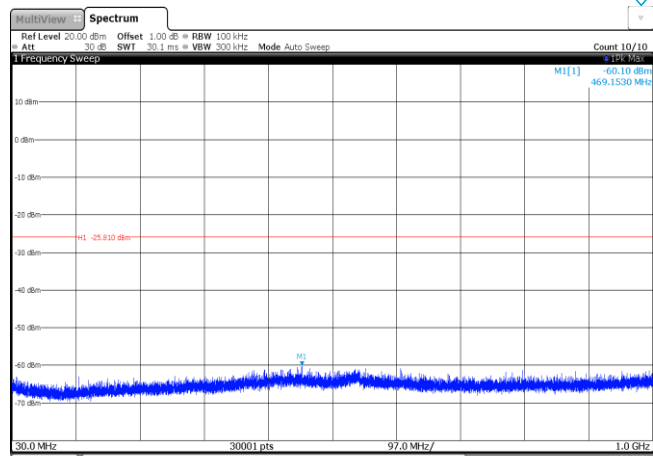


| Test Item: | SE | 802.11 n(HT20) | Antenna 0 |
|----------------------|--|----------------|-----------|
| Reference level CH01 |  | | |
| CH01 |  | | |
| |  | | |

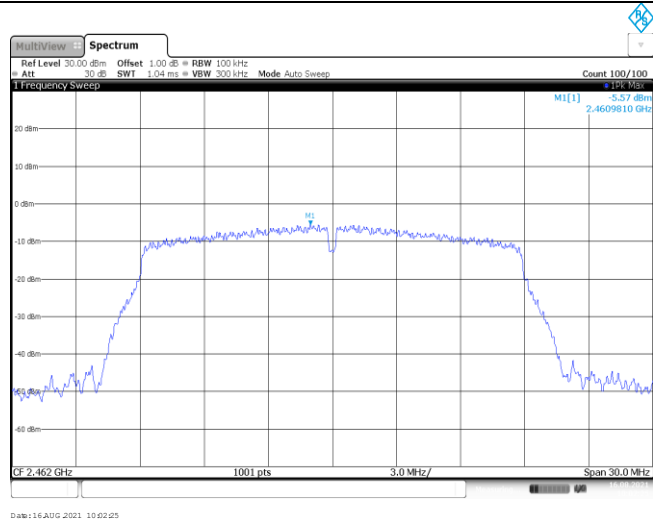
Reference level CH06



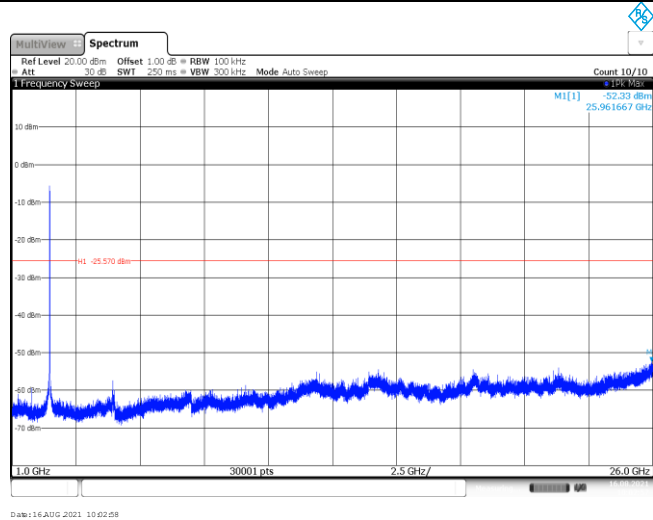
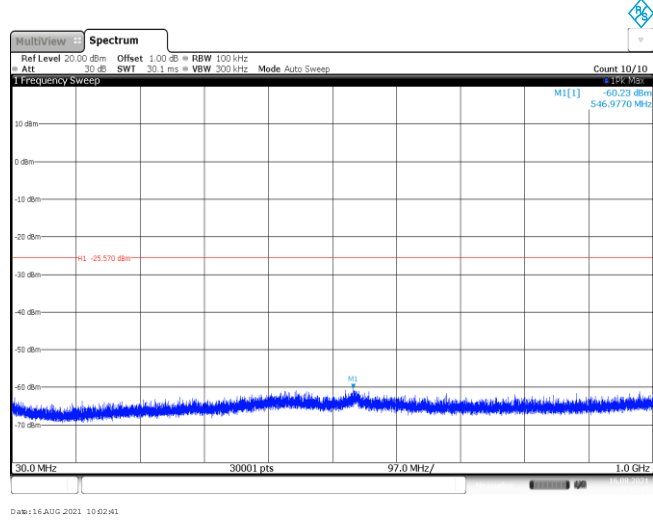
CH06

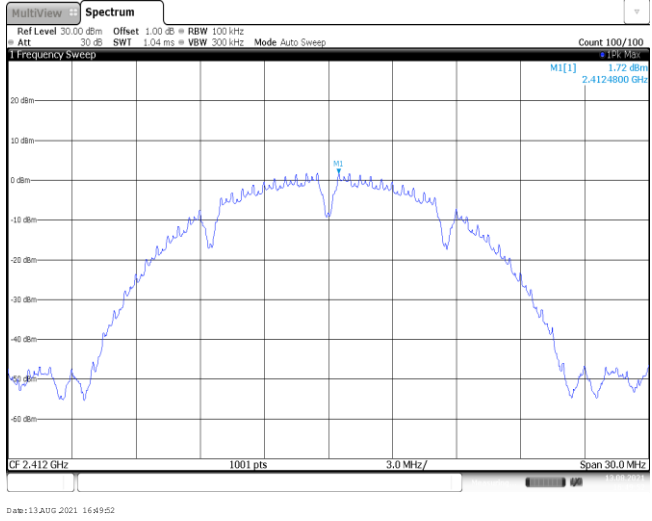
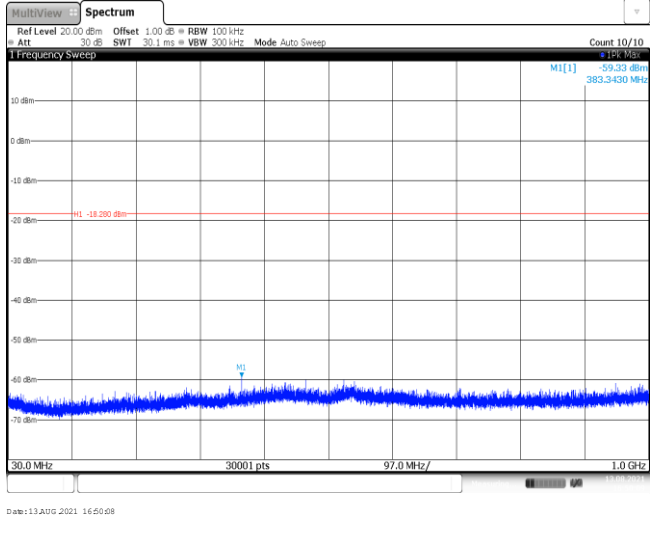
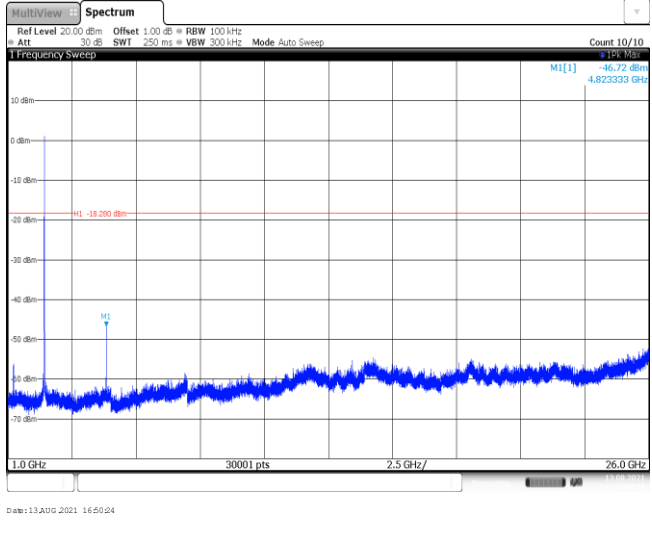


Reference level CH11

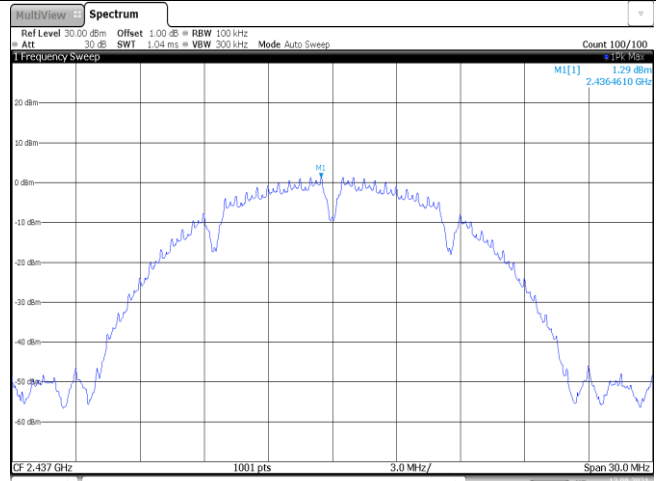


CH11



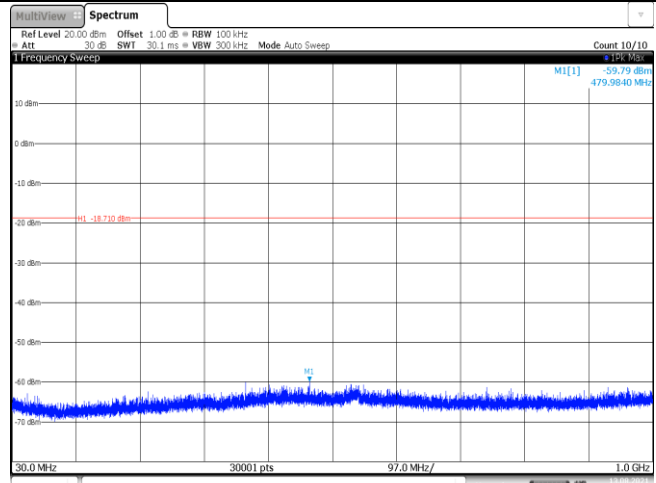
| Test Item: | SE | 802.11 b | Antenna 1 |
|----------------------|--|----------|-----------|
| Reference level CH01 |  | | |
| CH01 |  | | |
| |  | | |

Reference level CH06

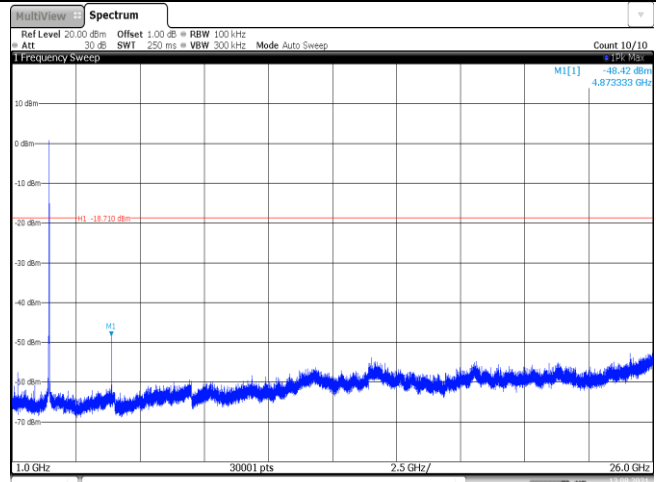


Date:13.AUG.2021 16:52:16

CH06

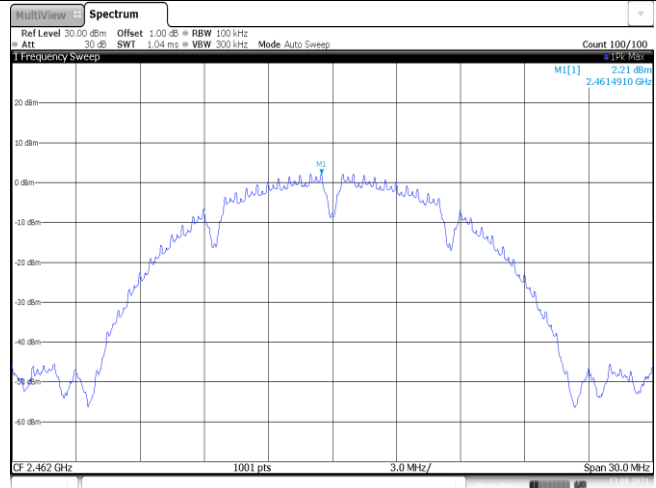


Date:13.AUG.2021 16:52:32



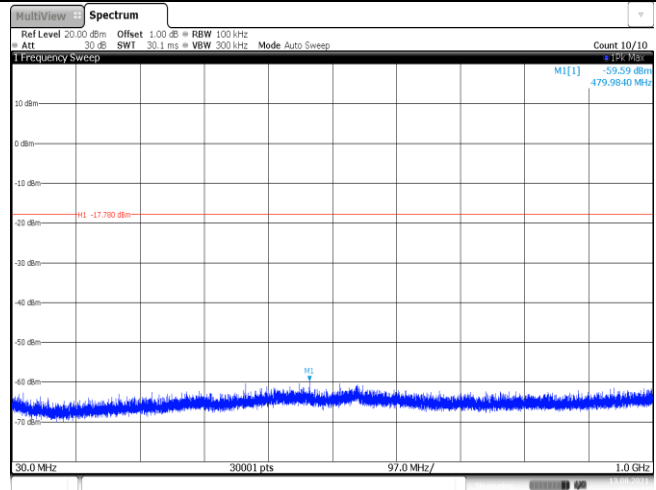
Date:13.AUG.2021 16:52:48

Reference level CH11

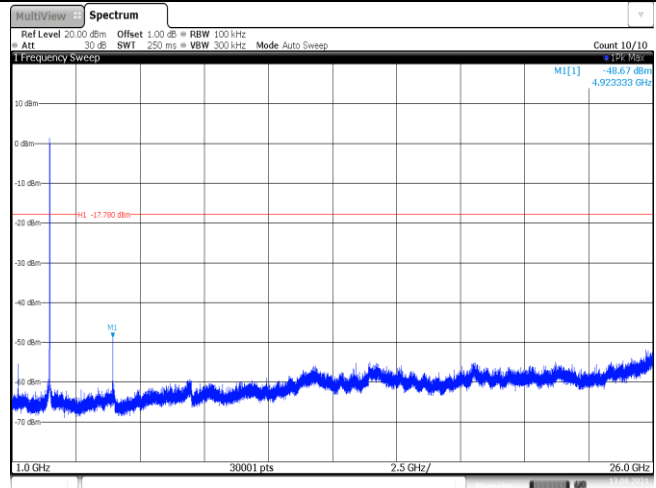


Date:13.AUG.2021 16:54:11

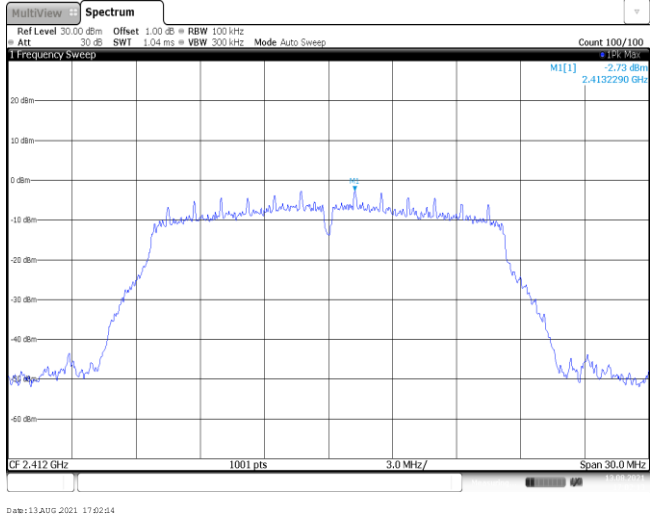
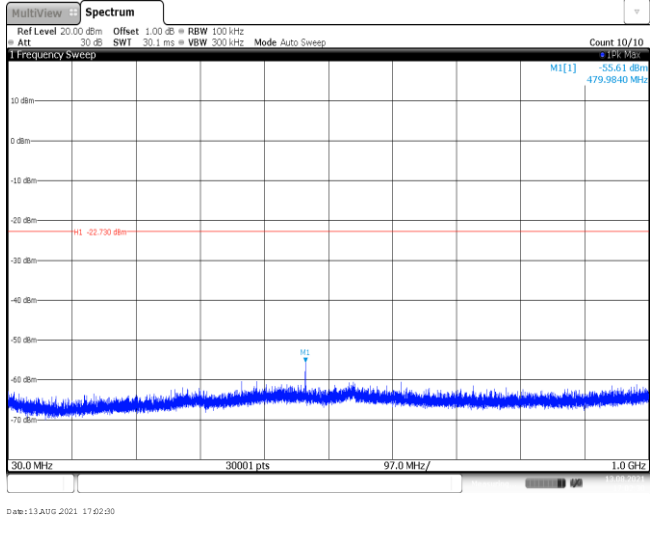
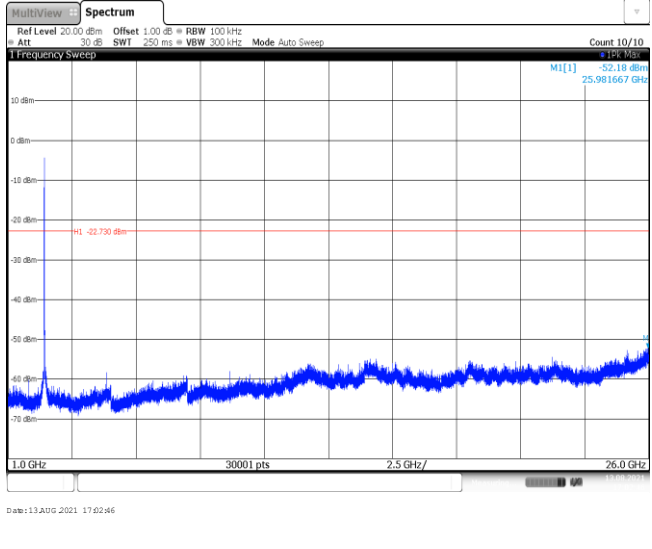
CH11



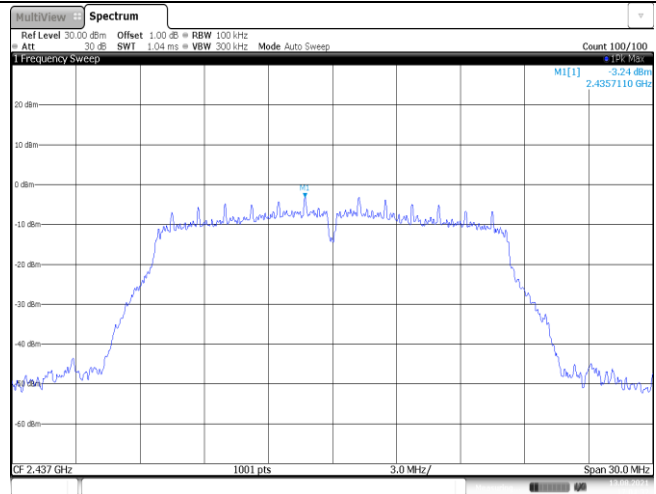
Date:13.AUG.2021 16:54:28



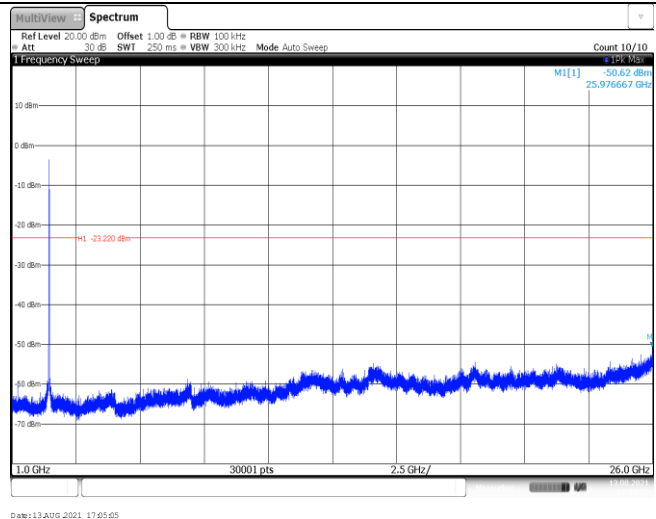
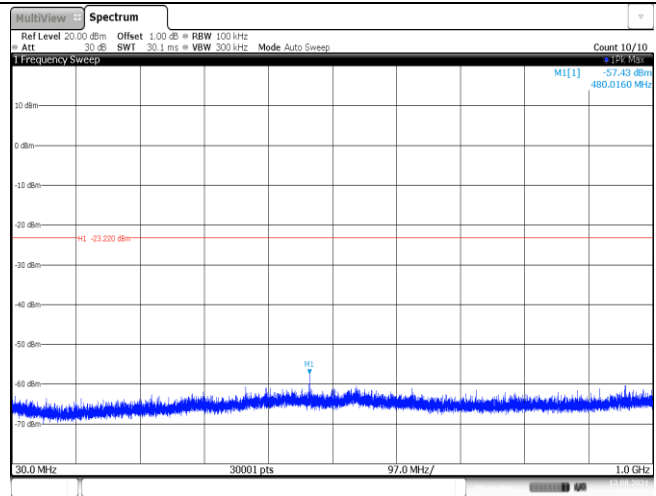
Date:13.AUG.2021 16:54:44

| Test Item: | SE | 802.11 g | Antenna 1 |
|----------------------|--|----------|-----------|
| Reference level CH01 |  <p>The plot shows a signal centered at approximately 2.412 GHz. The y-axis represents power in dBm, ranging from -60 to 20. The x-axis represents frequency in GHz, with a span of 30.0 MHz. A peak is labeled M1[1] at -2.73 dBm. The plot title is 'Spectrum' and the date is 13 AUG 2021 17:02:04.</p> | | |
| CH01 |  <p>The plot shows a signal at 479.9840 MHz. The y-axis represents power in dBm, ranging from -70 to 10. The x-axis represents frequency in MHz, with a span of 30.0 MHz. A peak is labeled M1[1] at -55.61 dBm. A red horizontal line is drawn at -22.730 dBm. The plot title is 'Spectrum' and the date is 13 AUG 2021 17:02:20.</p> | | |
| |  <p>The plot shows a signal at 25.981667 GHz. The y-axis represents power in dBm, ranging from -70 to 10. The x-axis represents frequency in GHz, with a span of 2.5 GHz. A peak is labeled M1[1] at -52.18 dBm. A red horizontal line is drawn at -22.730 dBm. The plot title is 'Spectrum' and the date is 13 AUG 2021 17:02:06.</p> | | |

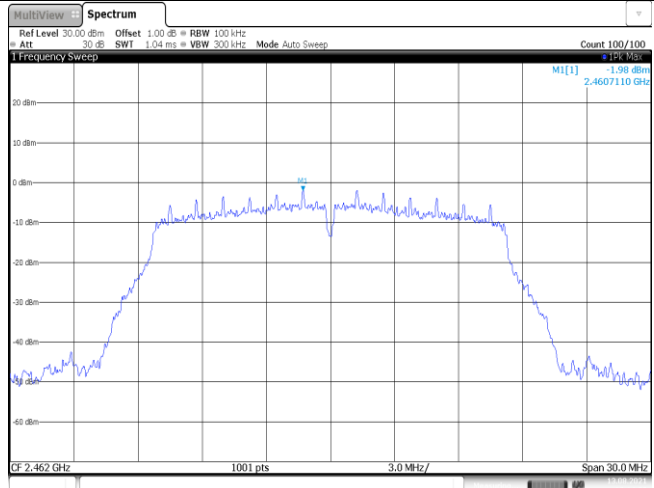
Reference level CH06



CH06

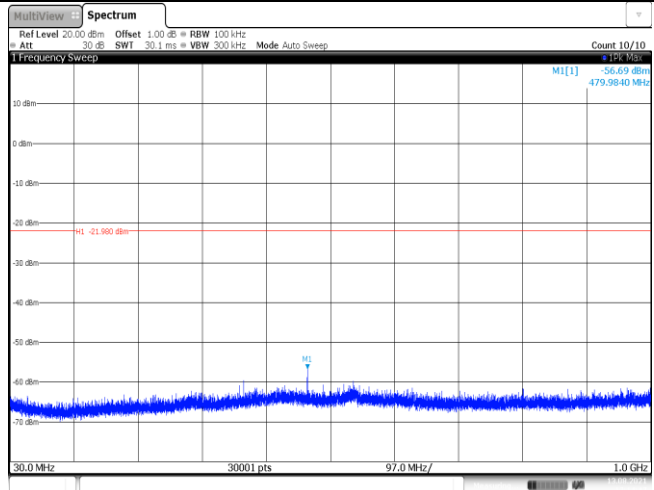


Reference level CH11

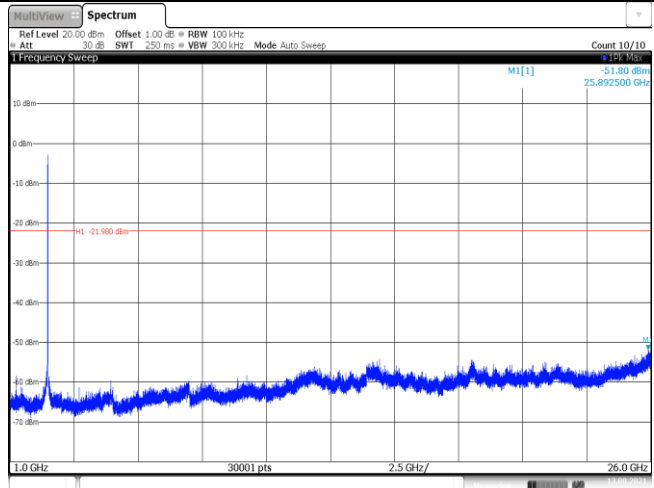


Date:13.AUG.2021 17:44:31

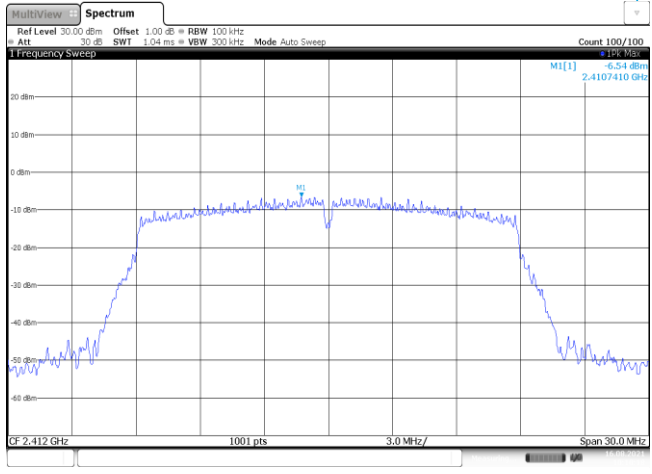
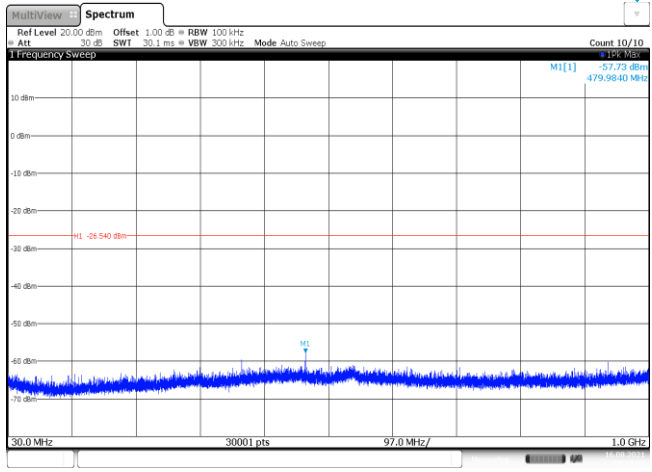
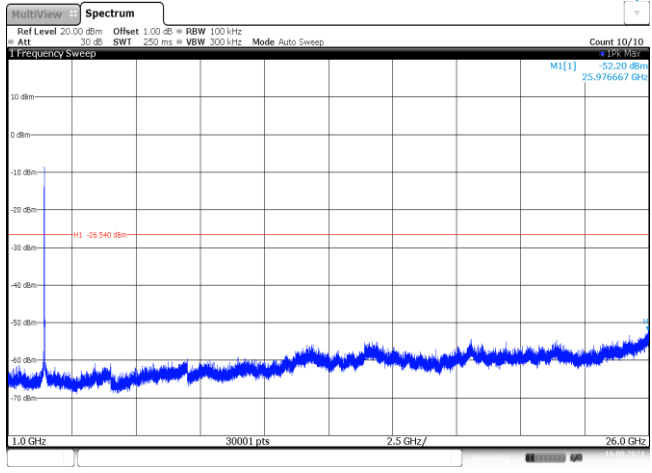
CH11



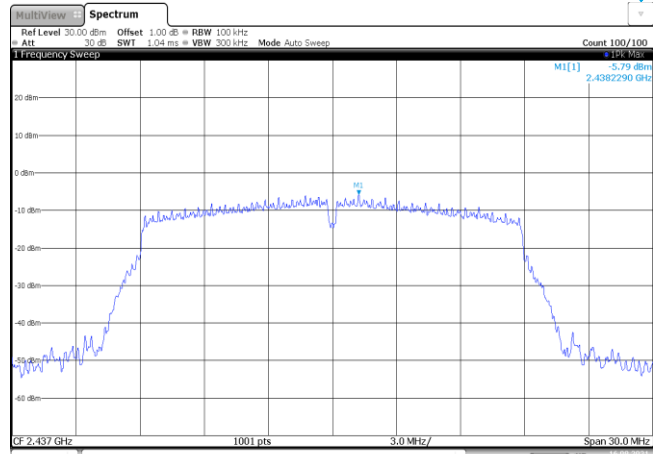
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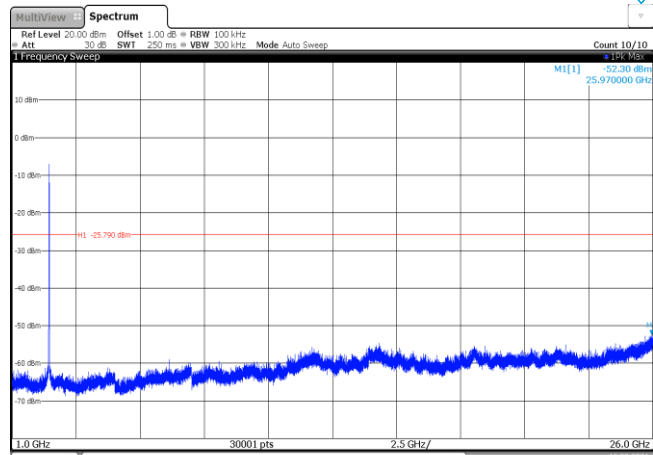
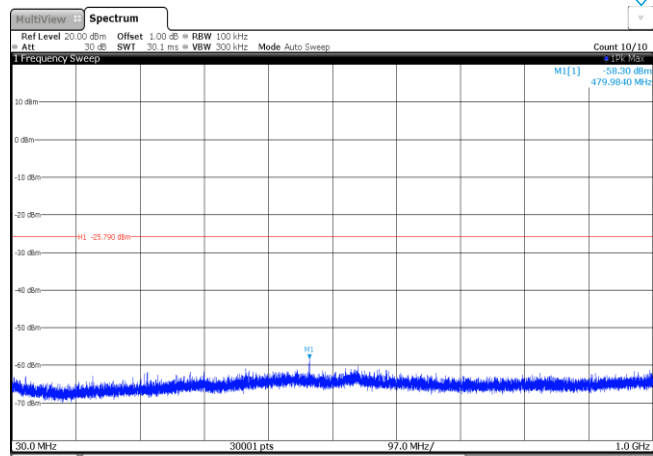
Date:13.AUG.2021 17:45:03

| Test Item: | SE | 802.11 n(HT20) | Antenna 1 |
|----------------------|---|----------------|-----------|
| Reference level CH01 |  <p>MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -52.54 dBm 2.4107410 GHz CF 2.412 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 16 AUG 2021 10:10:08</p> | | |
| CH01 |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep M1[1] -57.73 dBm 479.9640 MHz M1 -26.540 dBm M2 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 16 AUG 2021 10:10:24</p> | | |
| |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep M1[1] -52.20 dBm 25.976667 GHz M1 -26.540 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 16 AUG 2021 10:10:20</p> | | |

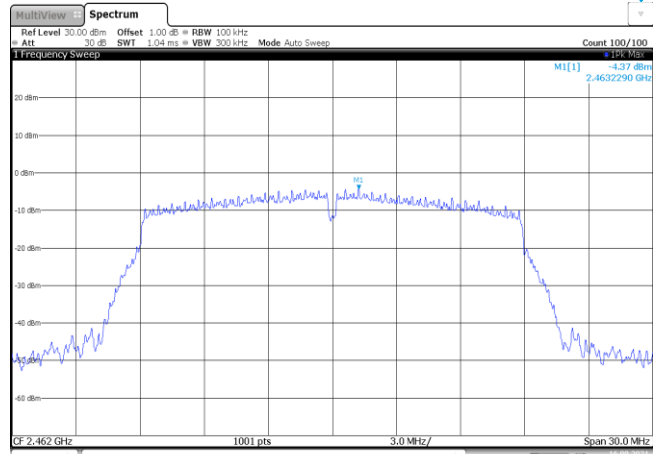
Reference level CH06



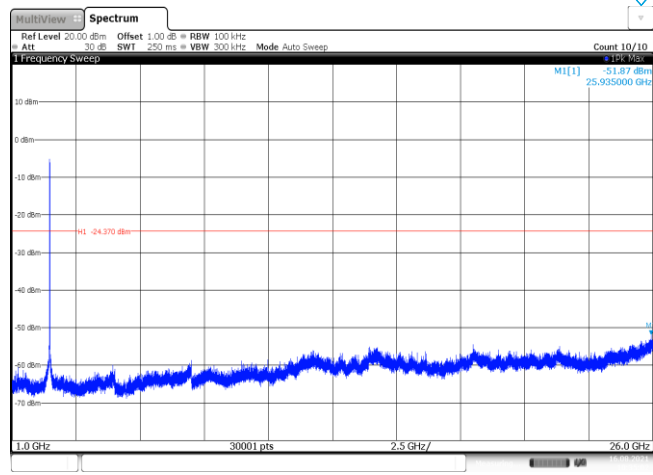
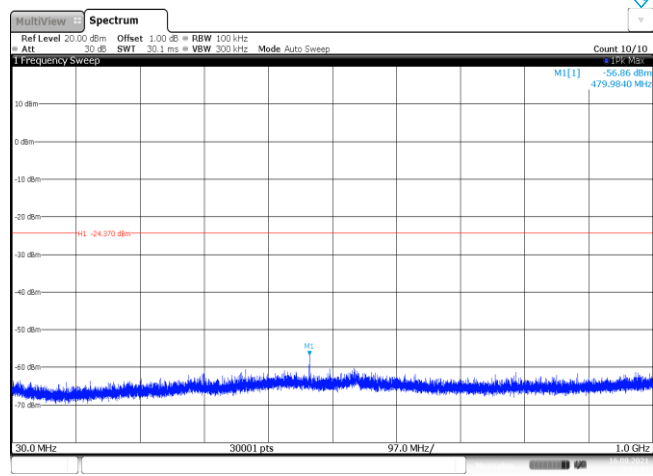
CH06



Reference level CH11



CH11



.....End of Report.....