

# APPENDIX REPORT

|                 |                 |                     |              |
|-----------------|-----------------|---------------------|--------------|
| Project No.     | SHT2103038702EW | Radio Specification | WIFI 2.4G    |
| Test sample No. | YPHT21030387019 | Model No.           | A9R          |
| Start test date | 2021-05-06      | Finish date         | 2021-05-06   |
| Temperature     | 25.3°C          | Humidity            | 35%          |
| Test Engineer   | Hailey Chen     | Auditor             | Xiaodong Zhu |

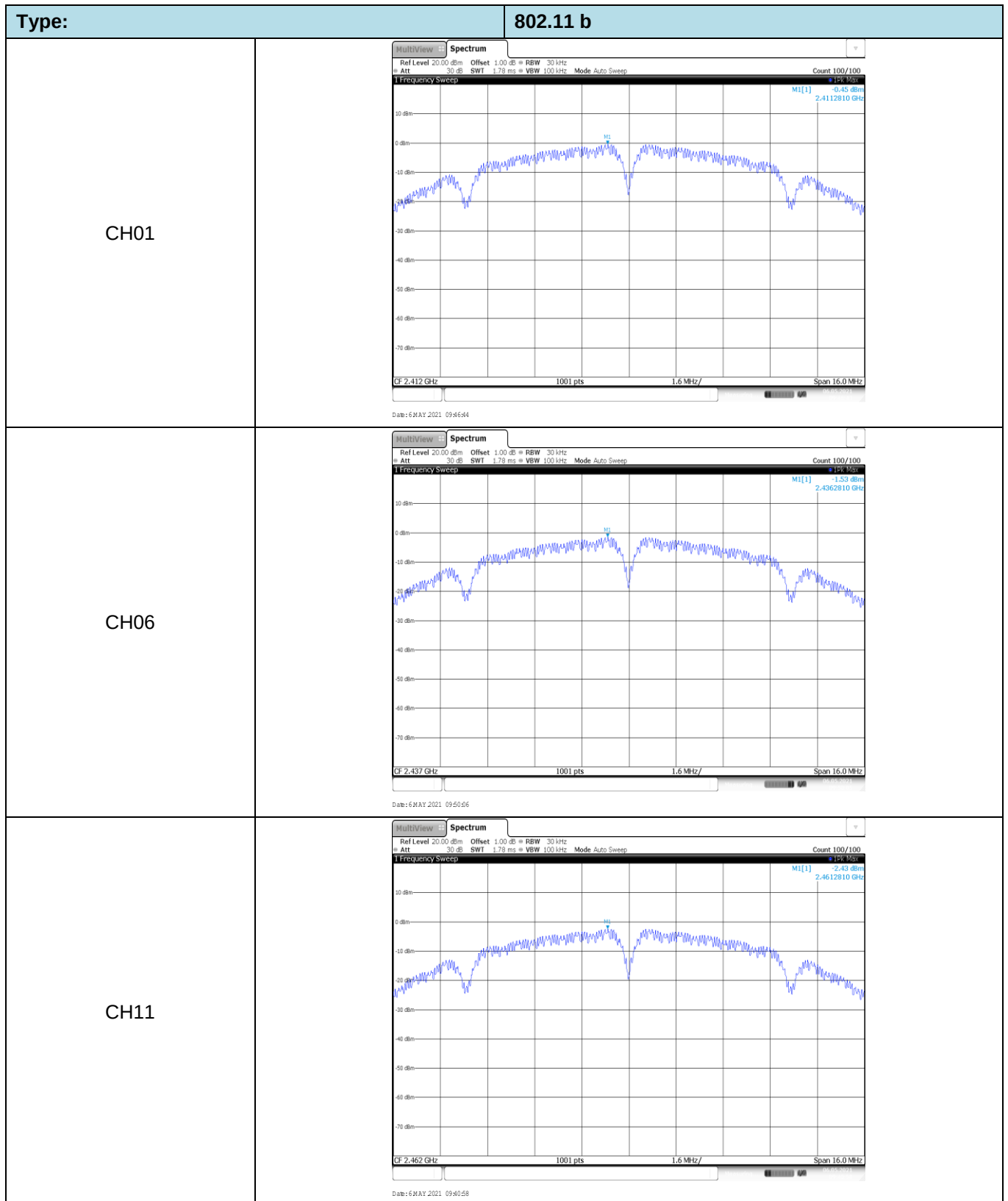
| Appendix clause | Test item                                    | Result |
|-----------------|----------------------------------------------|--------|
| A               | Conducted Peak Output Power                  | PASS   |
| B               | Power Spectral Density                       | PASS 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

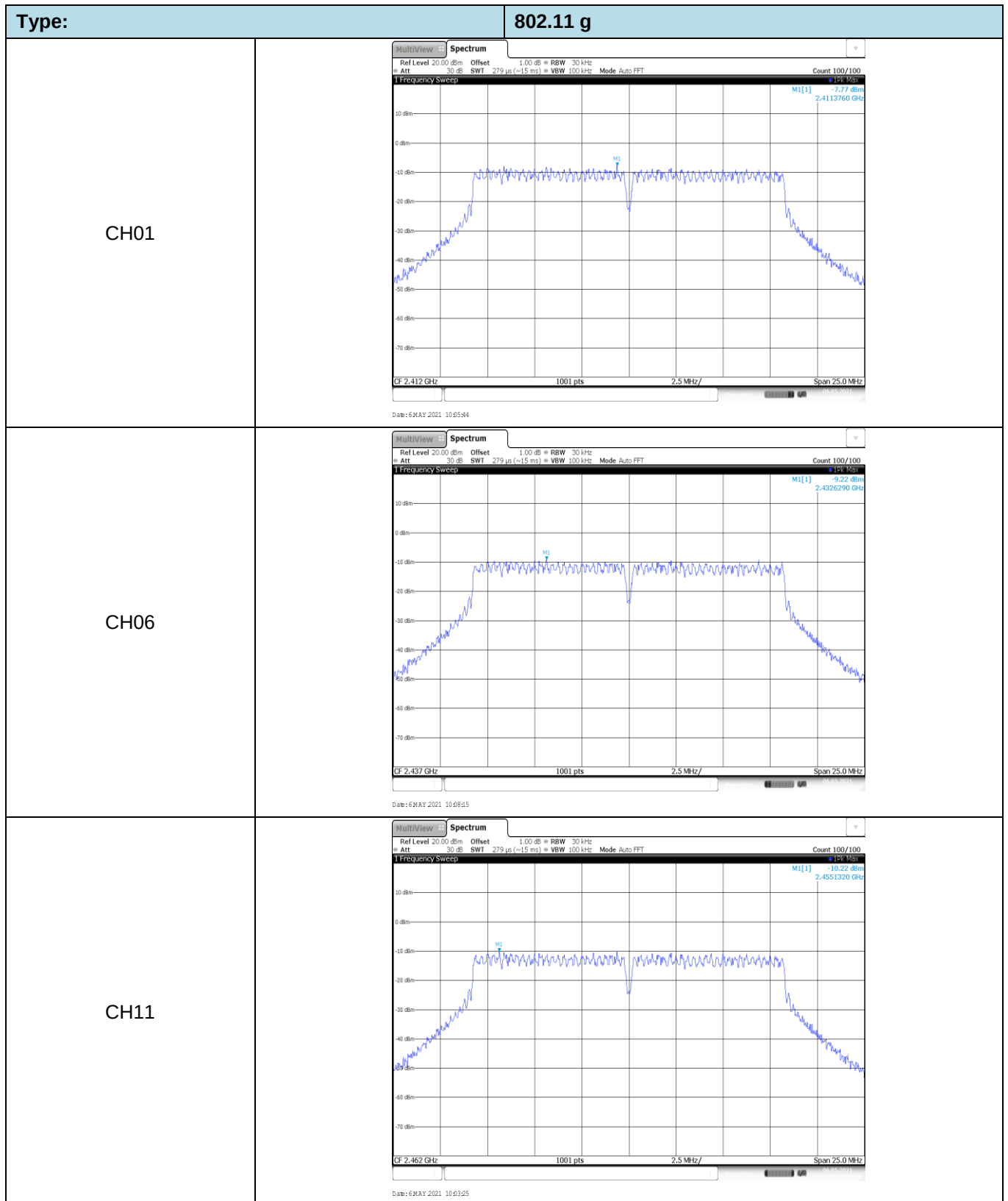
**Appendix A: Conducted Peak Output Power**

| Type              | Channel | Peak Output power (dBm) | Average Output power (dBm) | Limit (dBm)  | Result |
|-------------------|---------|-------------------------|----------------------------|--------------|--------|
| 802.11b           | 01      | 16.92                   | 14.42                      | $\leq 30.00$ | Pass   |
|                   | 06      | 16.30                   | 13.81                      |              |        |
|                   | 11      | 15.93                   | 13.44                      |              |        |
| 802.11g           | 01      | 16.90                   | 13.92                      | $\leq 30.00$ | Pass   |
|                   | 06      | 16.26                   | 13.29                      |              |        |
|                   | 11      | 15.79                   | 12.93                      |              |        |
| 802.11n<br>(HT20) | 01      | 16.99                   | 14.05                      | $\leq 30.00$ | Pass   |
|                   | 06      | 16.35                   | 13.40                      |              |        |
|                   | 11      | 15.86                   | 12.96                      |              |        |
| 802.11n(HT40)     | 03      | 16.31                   | 13.31                      | $\leq 30.00$ | Pass   |
|                   | 06      | 15.93                   | 12.96                      |              |        |
|                   | 09      | 15.68                   | 12.82                      |              |        |

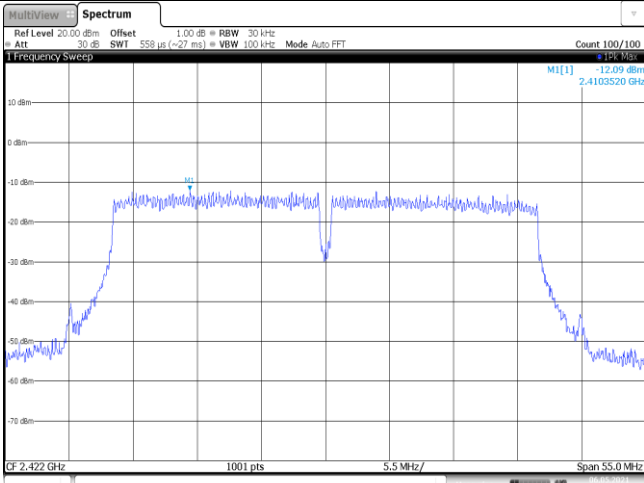
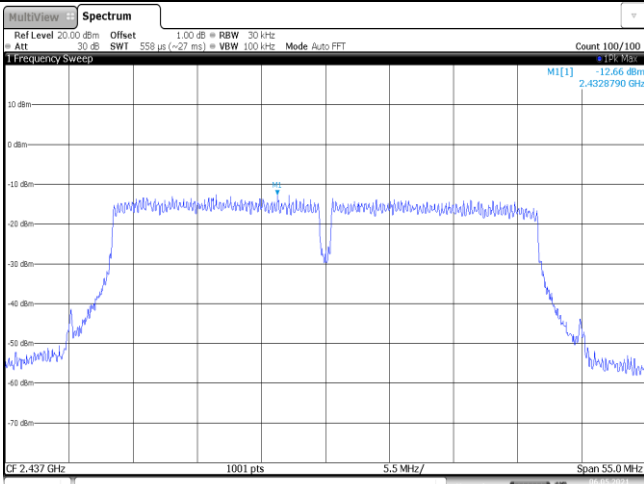
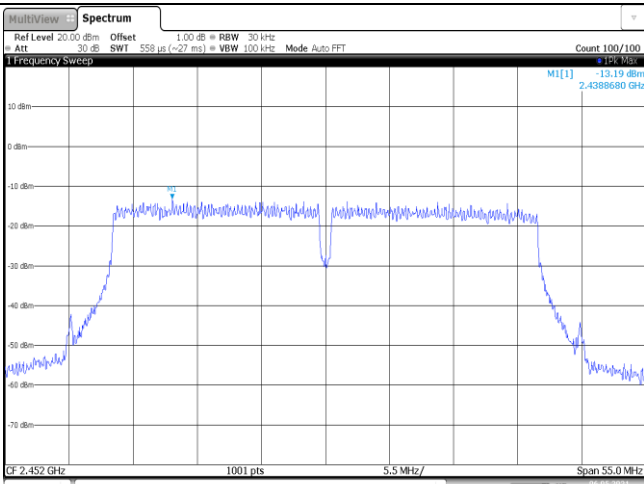
**Appendix B: Power Spectral Density**

| Type          | Channel | Power Spectral Density (dBm/30KHz) | Limit (dBm/3KHz) | Result |
|---------------|---------|------------------------------------|------------------|--------|
| 802.11b       | 01      | -0.45                              | ≤8.00            | Pass   |
|               | 06      | -1.51                              |                  |        |
|               | 11      | -2.43                              |                  |        |
| 802.11g       | 01      | -7.77                              | ≤8.00            | Pass   |
|               | 06      | -9.22                              |                  |        |
|               | 11      | -10.22                             |                  |        |
| 802.11n(HT20) | 01      | -8.47                              | ≤8.00            | Pass   |
|               | 06      | -8.91                              |                  |        |
|               | 11      | -10.80                             |                  |        |
| 802.11n(HT40) | 03      | -12.09                             | ≤8.00            | Pass   |
|               | 06      | -12.66                             |                  |        |
|               | 09      | -13.19                             |                  |        |





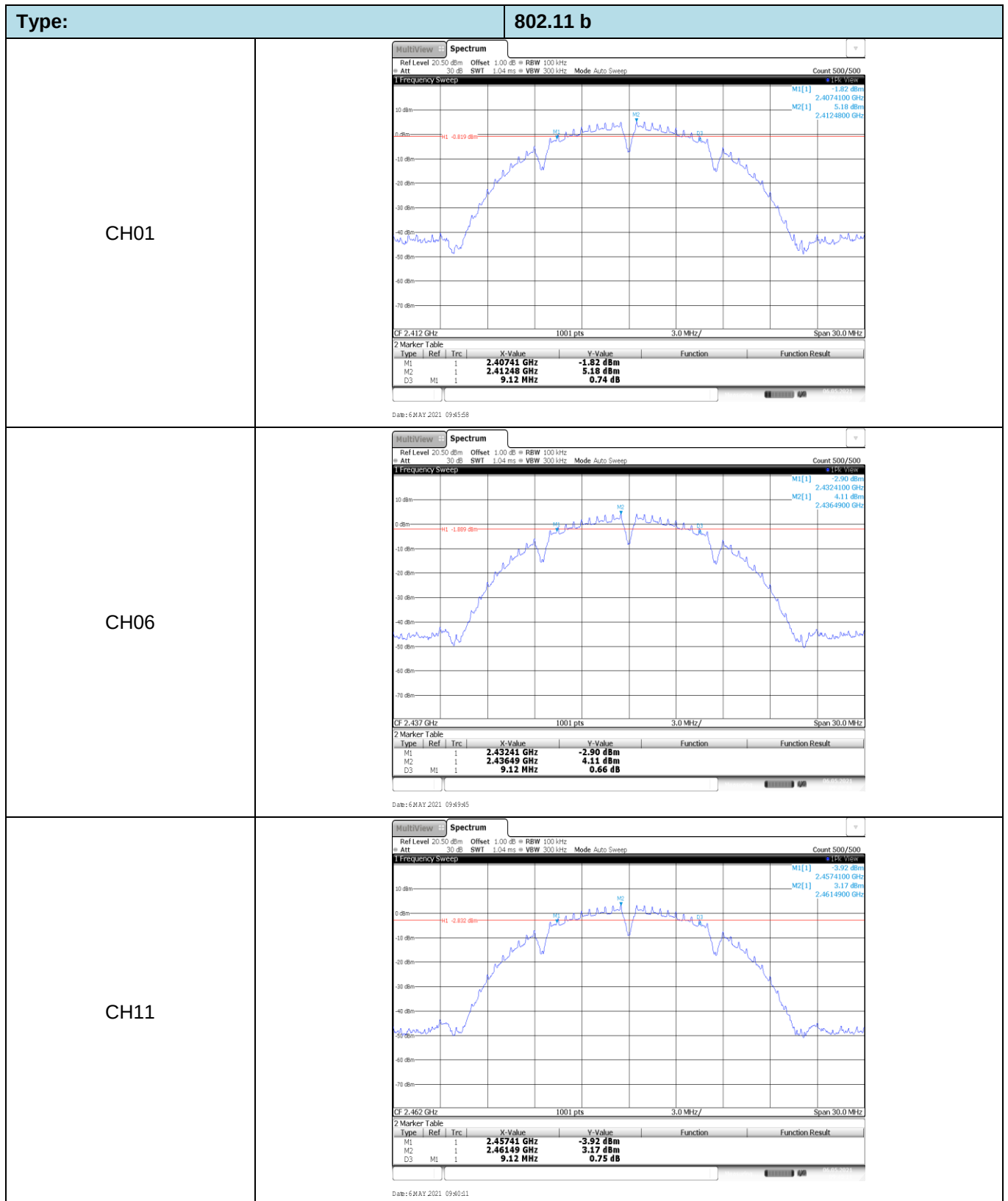
| Type: | 802.11n(HT20)                                                                                                                                                                                                                                                                                                              |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CH01  | <p>The spectrum plot for CH01 shows a signal at 2.412 GHz. The peak level is -8.47 dBm. The plot includes a frequency sweep from 2.412 GHz to 2.437 GHz, with a span of 25.0 MHz. The signal is centered at 2.412 GHz, and the peak level is -8.47 dBm. The plot also shows a noise floor at approximately -100 dBm.</p>   |
| CH06  | <p>The spectrum plot for CH06 shows a signal at 2.437 GHz. The peak level is -8.91 dBm. The plot includes a frequency sweep from 2.437 GHz to 2.462 GHz, with a span of 25.0 MHz. The signal is centered at 2.437 GHz, and the peak level is -8.91 dBm. The plot also shows a noise floor at approximately -100 dBm.</p>   |
| CH11  | <p>The spectrum plot for CH11 shows a signal at 2.462 GHz. The peak level is -10.80 dBm. The plot includes a frequency sweep from 2.462 GHz to 2.487 GHz, with a span of 25.0 MHz. The signal is centered at 2.462 GHz, and the peak level is -10.80 dBm. The plot also shows a noise floor at approximately -100 dBm.</p> |

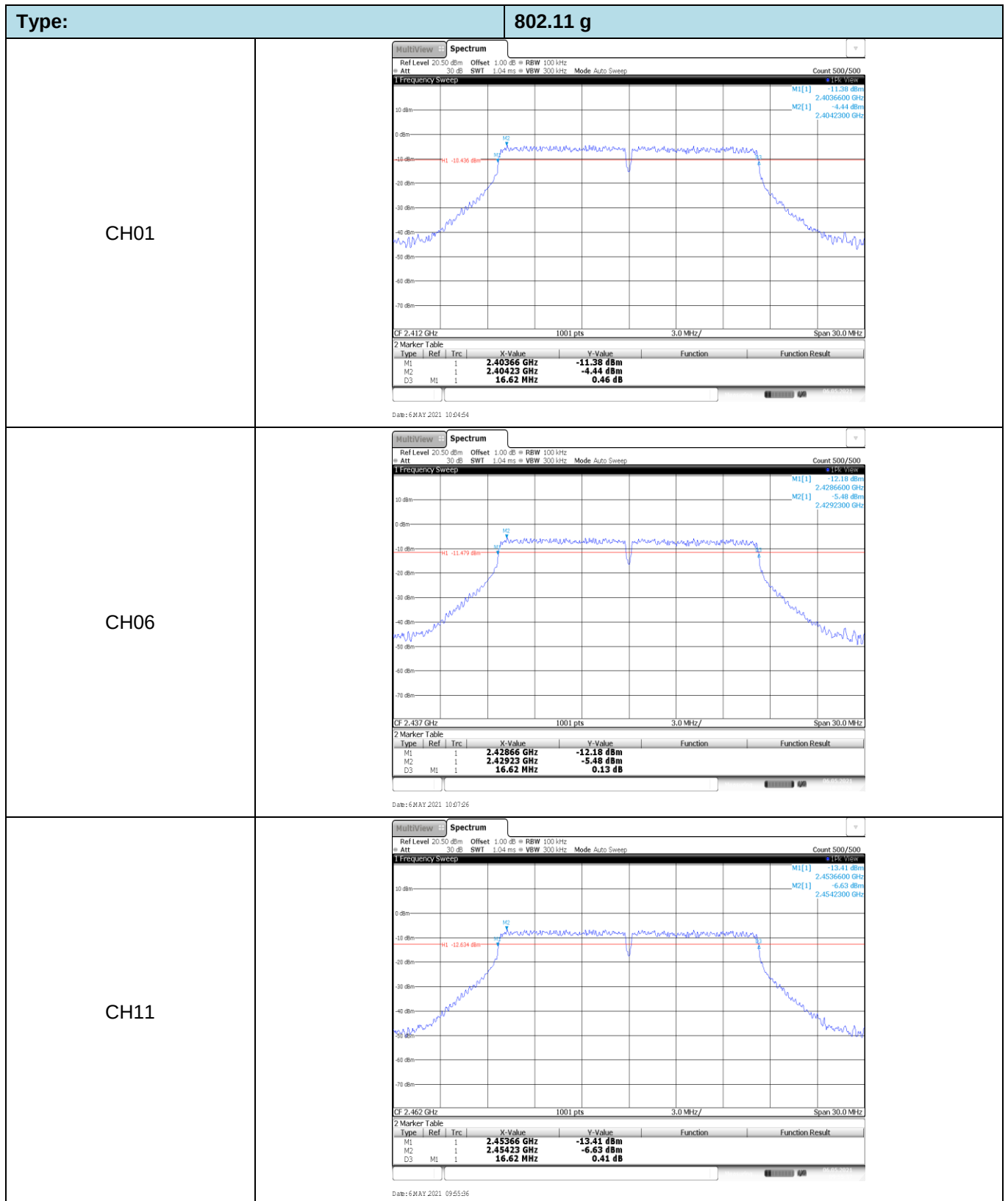
| Type: | 802.11n(HT40)                                                                                                                                                                                                                                                                                                                                |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CH03  |  <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz<br/>Att 30 dB SWI 558 us (~27 ms) VBW 100 kHz Mode Auto FFT<br/>Count 100/100<br/>MI[1] -12.09 dBm<br/>2.4103520 GHz<br/>CF 2.422 GHz 1001 pts 5.5 MHz/ Span 55.0 MHz<br/>Date: 6 MAY 2021 10:25:53</p>   |
| CH06  |  <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz<br/>Att 30 dB SWI 558 us (~27 ms) VBW 100 kHz Mode Auto FFT<br/>Count 100/100<br/>MI[1] -12.66 dBm<br/>2.4326790 GHz<br/>CF 2.427 GHz 1001 pts 5.5 MHz/ Span 55.0 MHz<br/>Date: 6 MAY 2021 10:28:40</p>  |
| CH09  |  <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz<br/>Att 30 dB SWI 558 us (~27 ms) VBW 100 kHz Mode Auto FFT<br/>Count 100/100<br/>MI[1] -13.19 dBm<br/>2.4388680 GHz<br/>CF 2.432 GHz 1001 pts 5.5 MHz/ Span 55.0 MHz<br/>Date: 6 MAY 2021 10:23:02</p> |

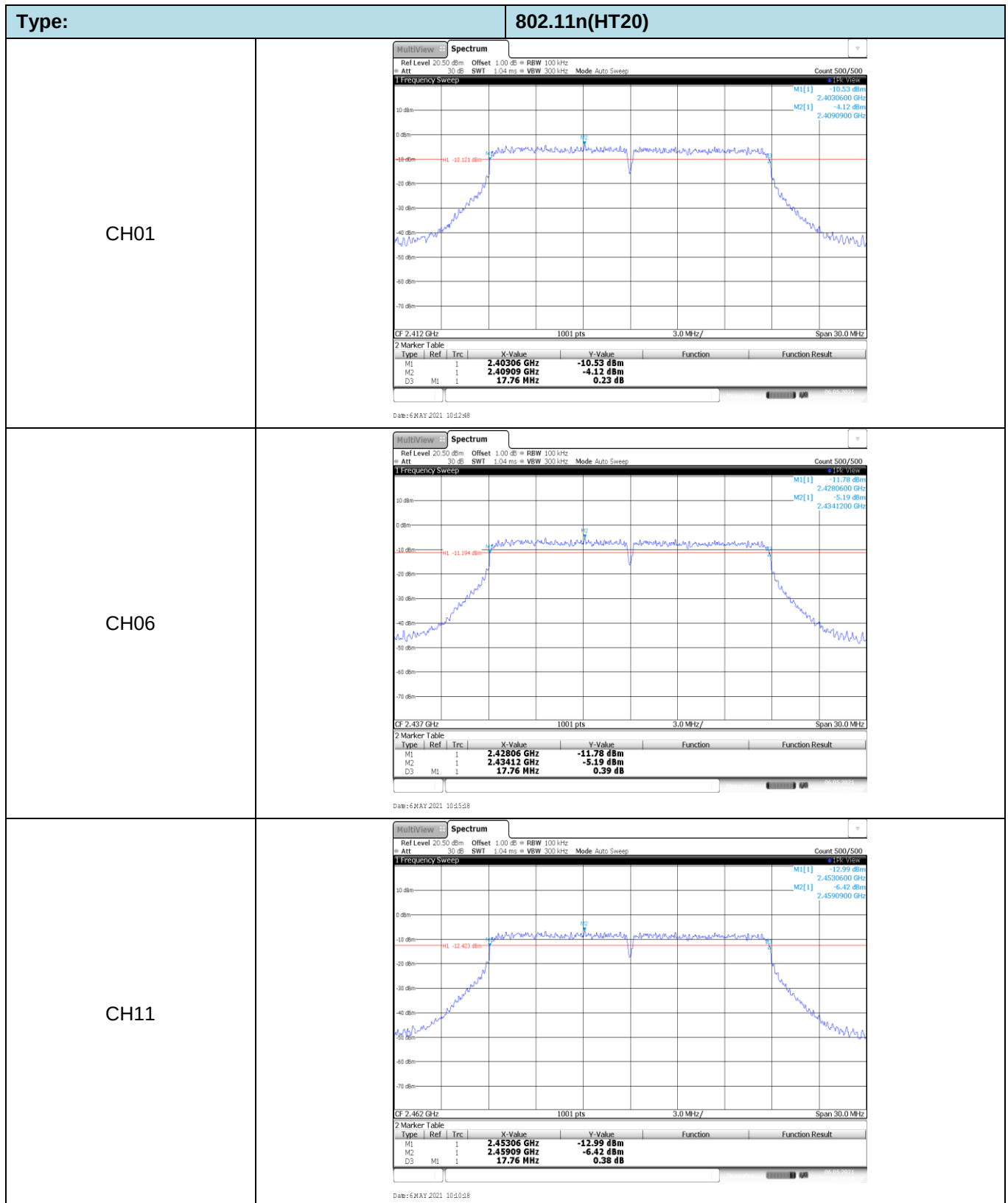
**Appendix C: 6dB bandwidth**

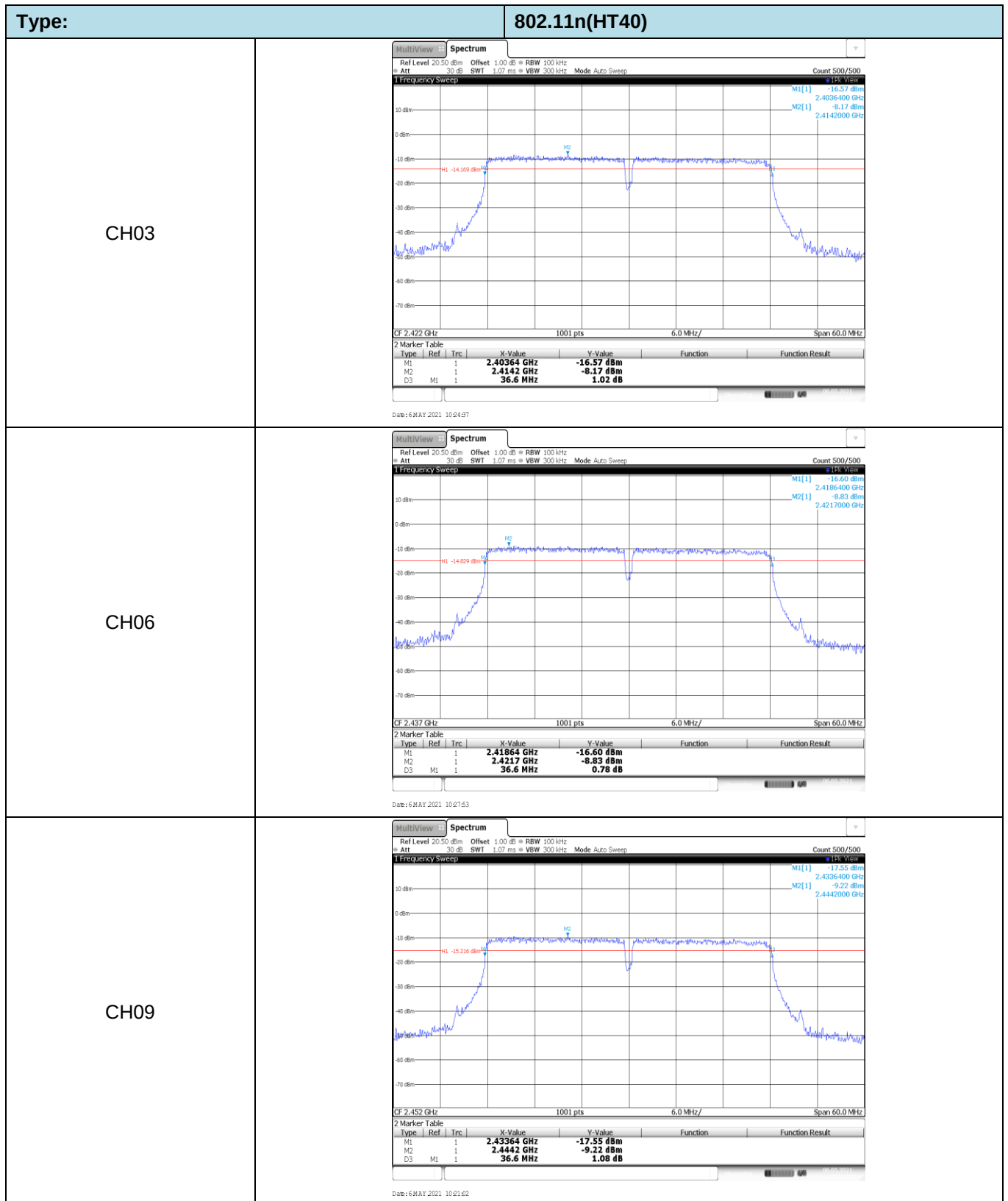
| Type          | Channel | 6dB Bandwidth (MHz) | Limit (MHz) | Result |
|---------------|---------|---------------------|-------------|--------|
| 802.11b       | 01      | 9.12                | ≥0.5        | Pass   |
|               | 06      | 9.12                |             |        |
|               | 11      | 9.12                |             |        |
| 802.11g       | 01      | 16.62               | ≥0.5        | Pass   |
|               | 06      | 16.62               |             |        |
|               | 11      | 16.62               |             |        |
| 802.11n(HT20) | 01      | 17.76               | ≥0.5        | Pass   |
|               | 06      | 17.76               |             |        |
|               | 11      | 17.76               |             |        |
| 802.11n(HT40) | 03      | 36.60               | ≥0.5        | Pass   |
|               | 06      | 36.60               |             |        |
|               | 09      | 36.60               |             |        |





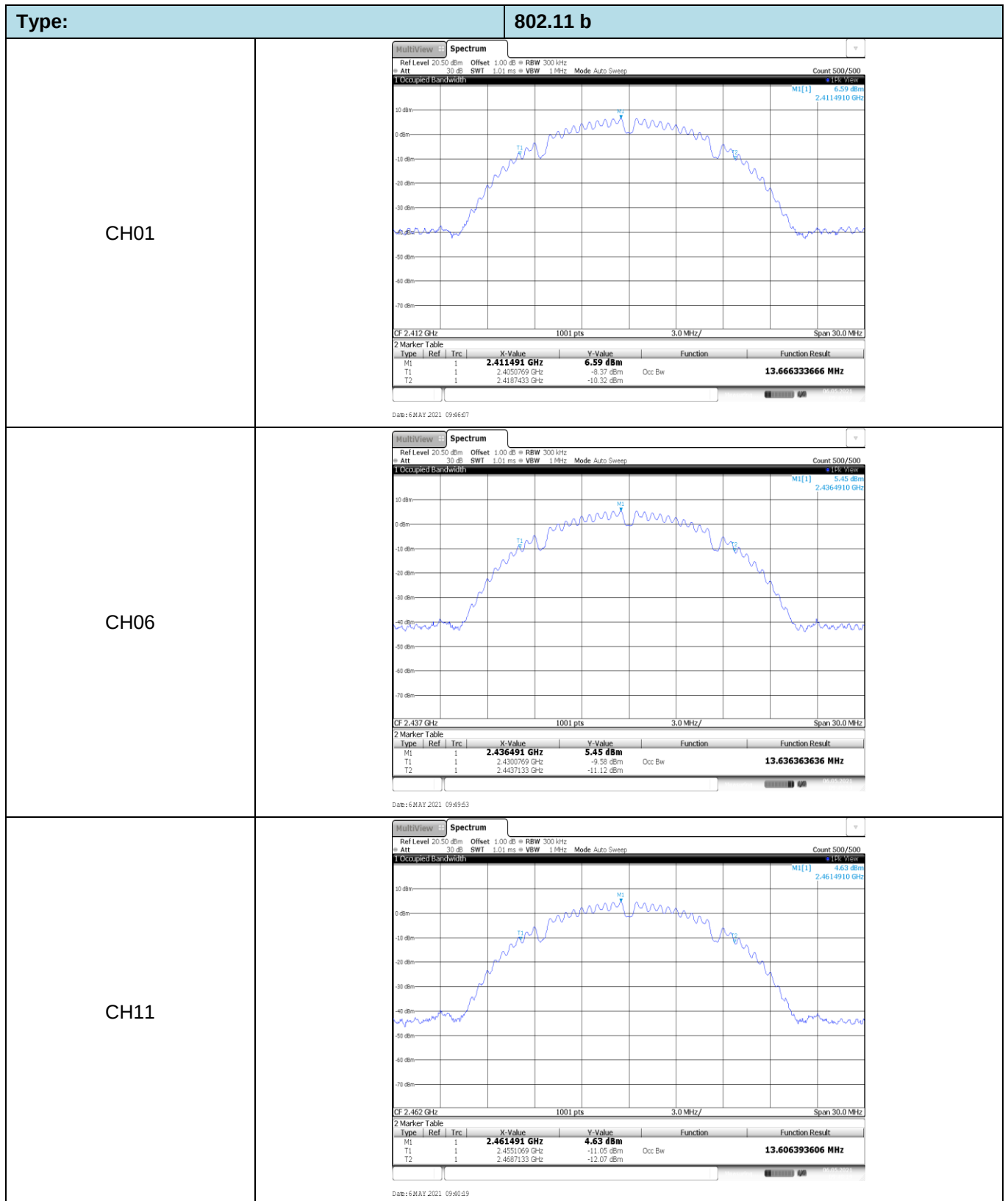


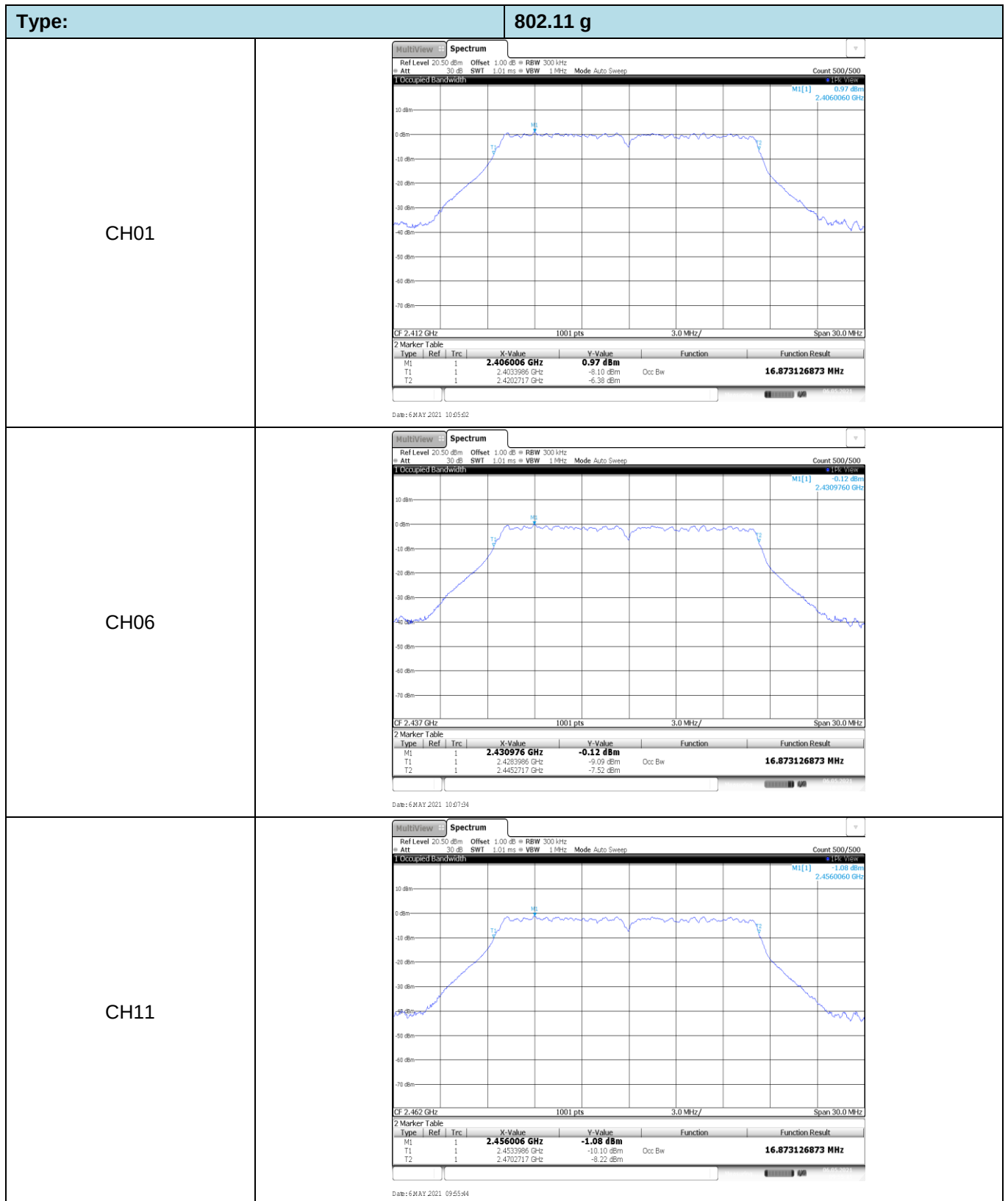


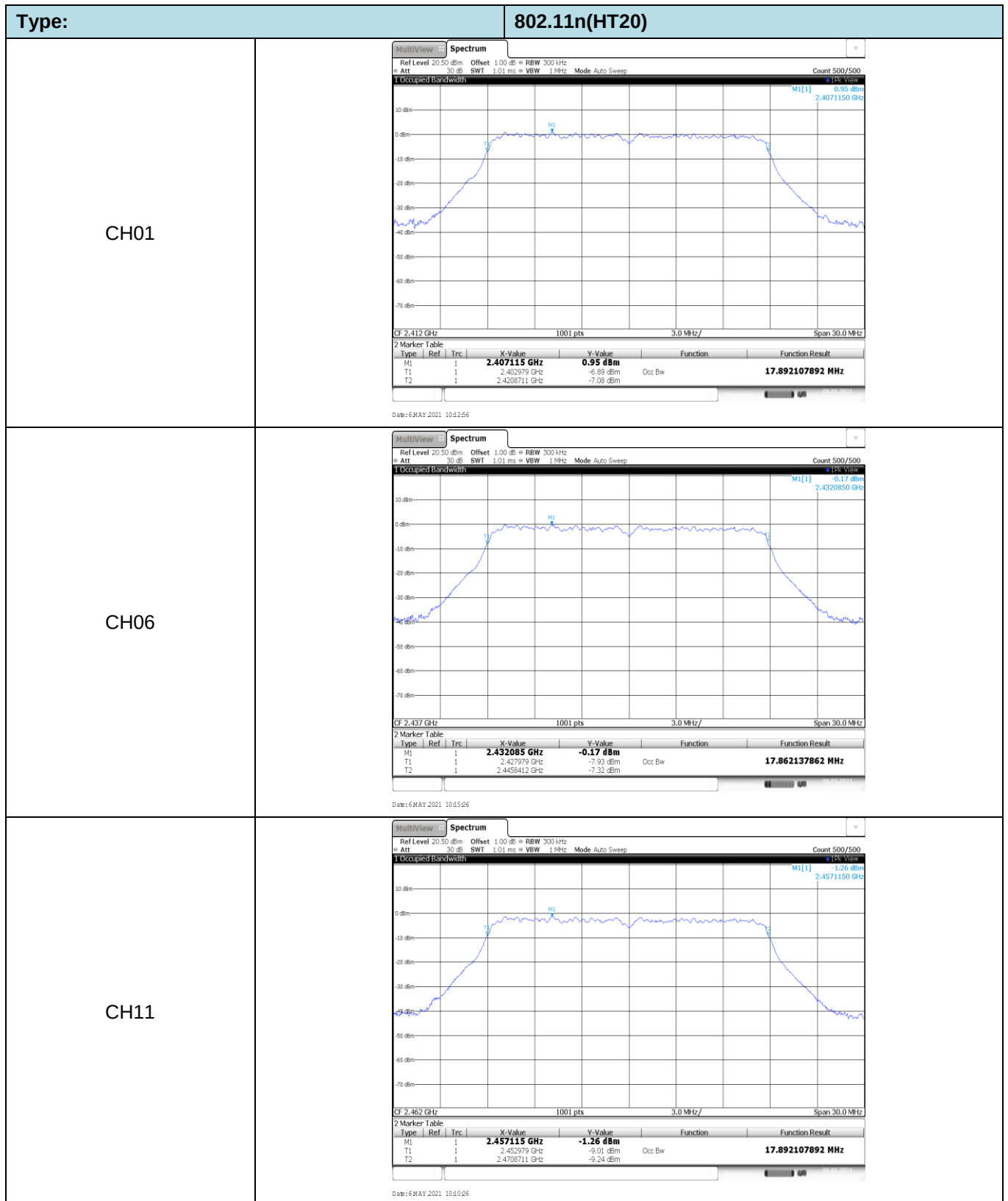


**Appendix D: 99% Occupied Bandwidth**

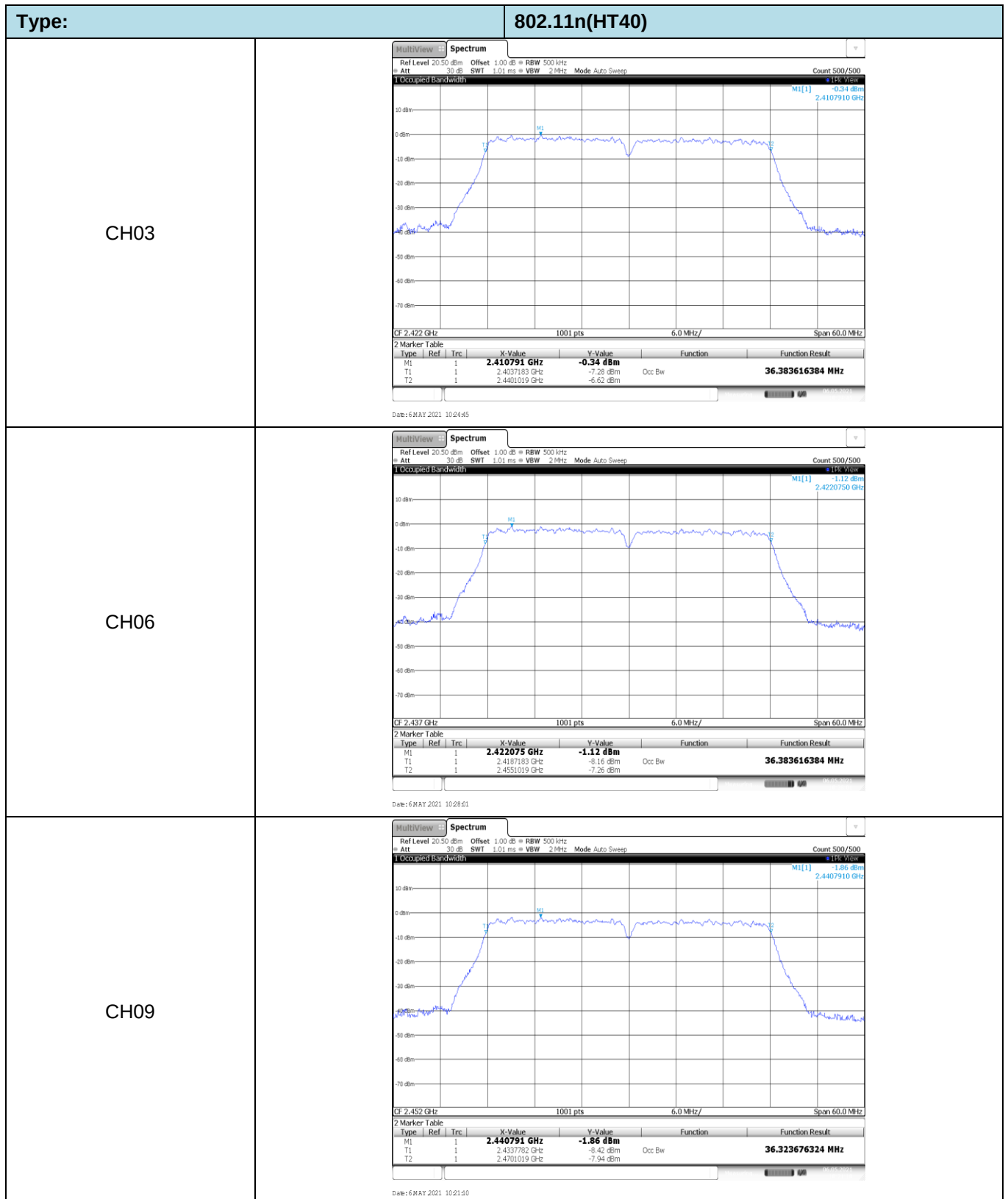
| Type          | Channel | 99% Bandwidth (MHz) | Limit (kHz) | Result |
|---------------|---------|---------------------|-------------|--------|
| 802.11b       | 01      | 13.67               | -           | Pass   |
|               | 06      | 13.64               |             |        |
|               | 11      | 13.61               |             |        |
| 802.11g       | 01      | 16.87               | -           | Pass   |
|               | 06      | 16.87               |             |        |
|               | 11      | 16.87               |             |        |
| 802.11n(HT20) | 01      | 17.89               | -           | Pass   |
|               | 06      | 17.86               |             |        |
|               | 11      | 17.89               |             |        |
| 802.11n(HT40) | 03      | 36.38               | -           | Pass   |
|               | 06      | 36.38               |             |        |
|               | 09      | 36.32               |             |        |





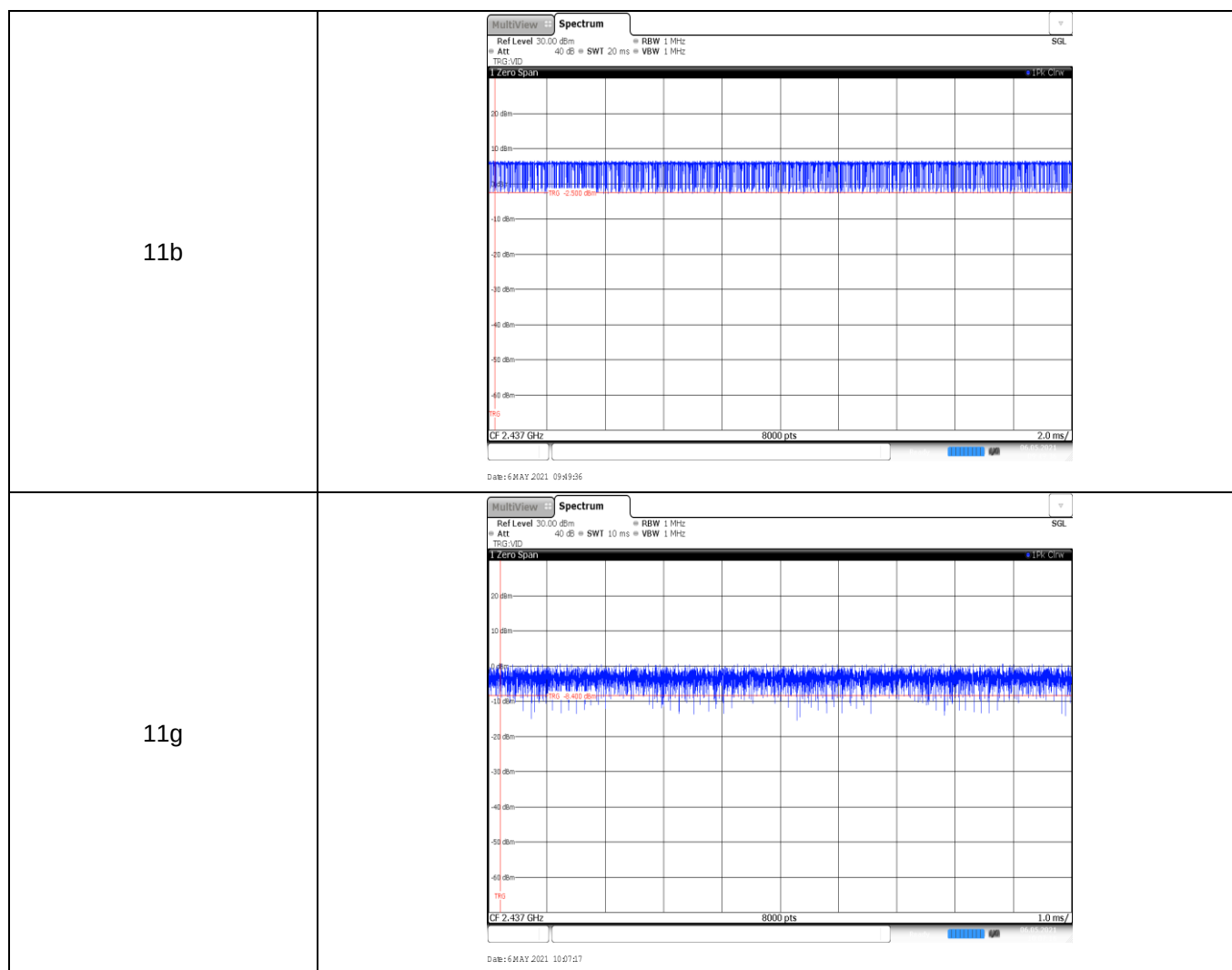




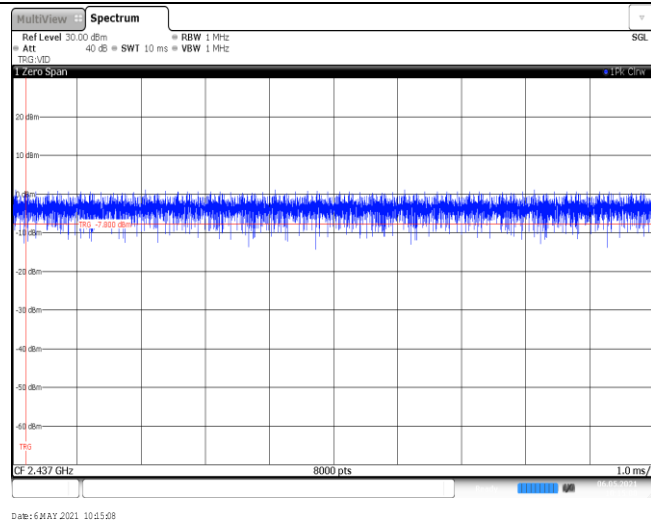


**Appendix E: Duty Cycle**

| Modulation Type | Test Frequency (MHz) | T <sub>on time</sub> for single burst (ms) | T <sub>period</sub> (ms) | Duty cycle | 1/T <sub>on time</sub> (kHz) |
|-----------------|----------------------|--------------------------------------------|--------------------------|------------|------------------------------|
| 11b             | 2437                 | 1.00                                       | 1.00                     | 100%       | 1.0                          |
| 11g             | 2437                 | 1.00                                       | 1.00                     | 100%       | 1.0                          |
| 11n20           | 2437                 | 1.00                                       | 1.00                     | 100%       | 1.0                          |
| 11n40           | 2437                 | 1.00                                       | 1.00                     | 100%       | 1.0                          |

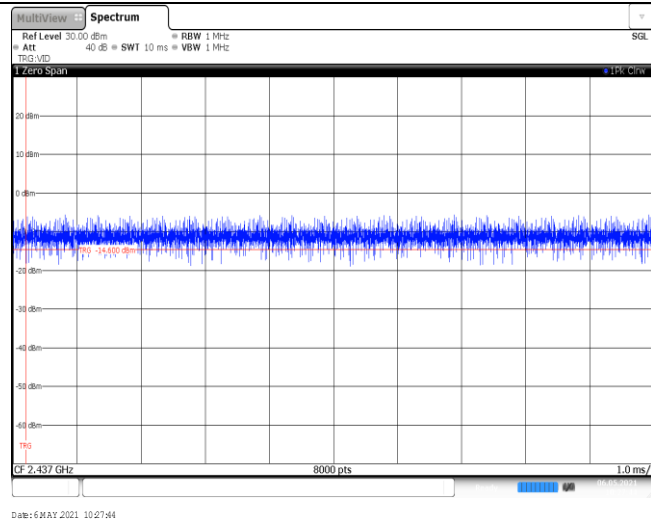


11n20



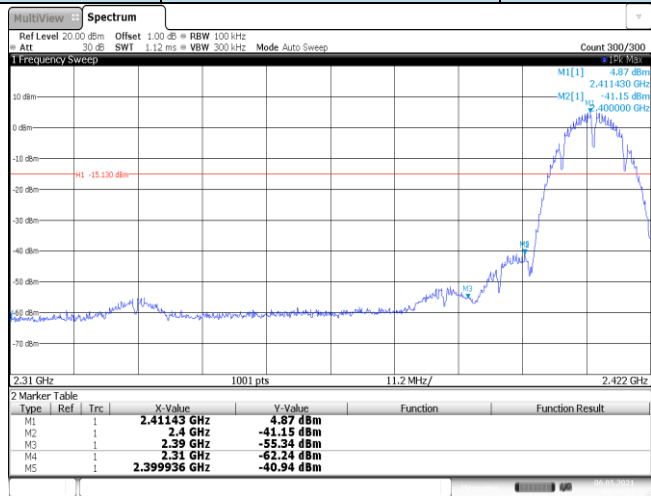
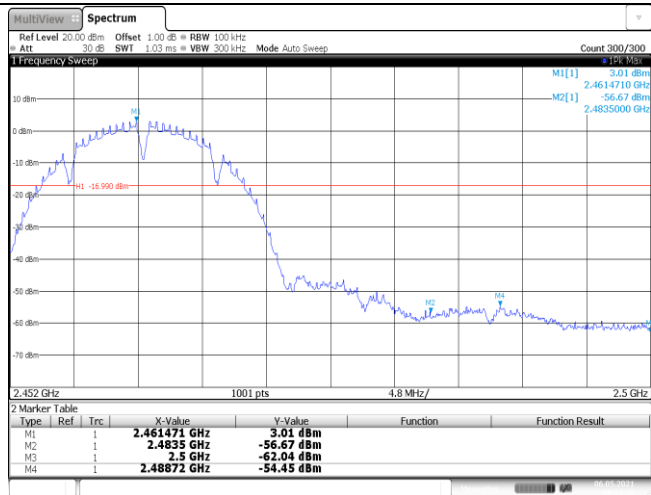
Date: 6 MAY 2021 10:55:08

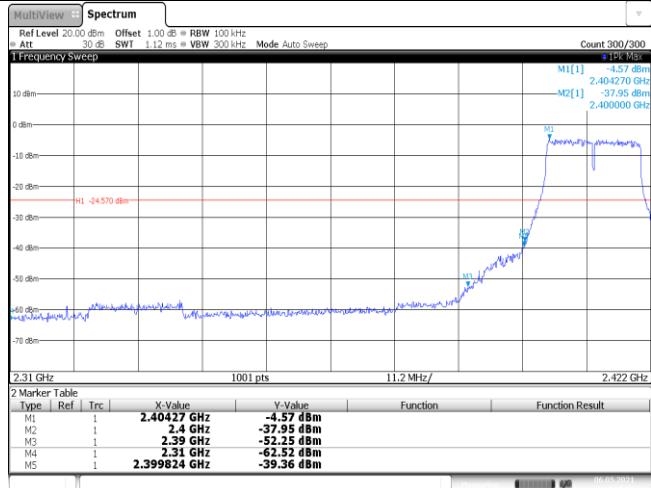
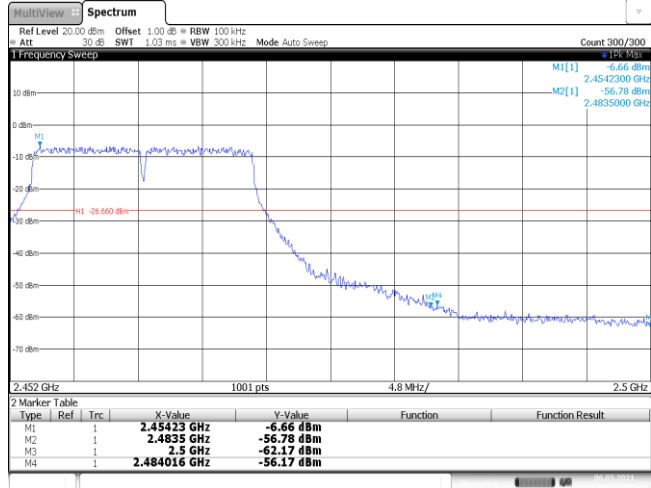
11n40



Date: 6 MAY 2021 10:27:44

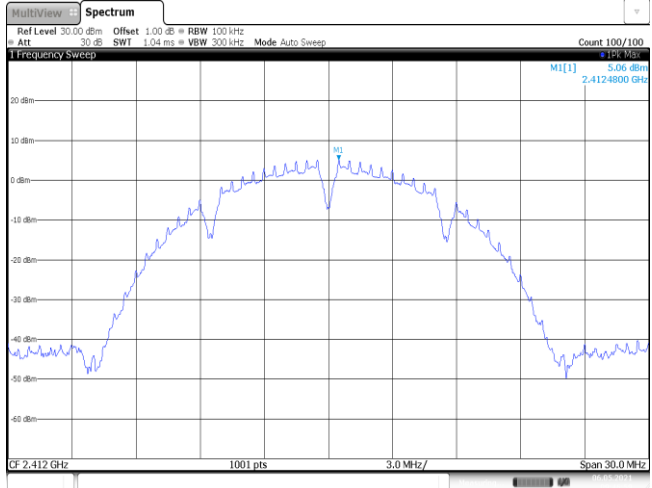
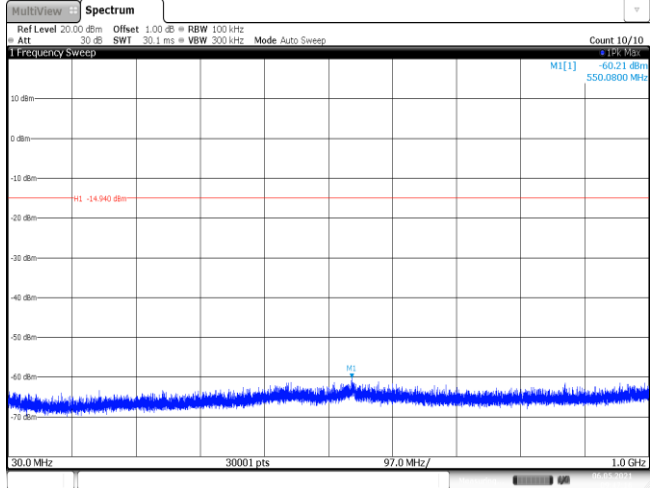
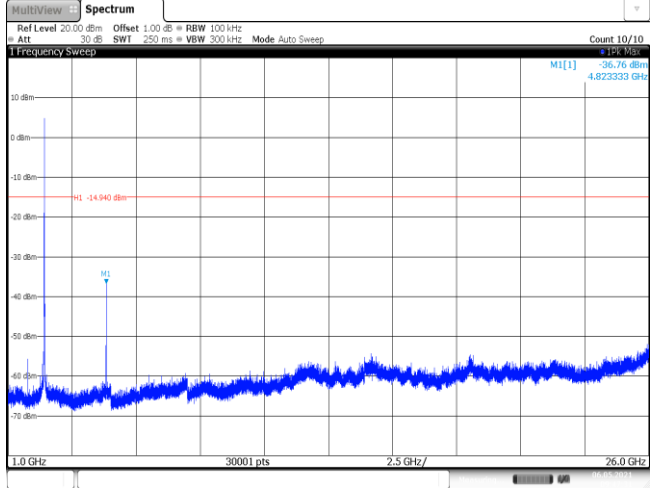
## Appendix F: Band edge and Spurious Emissions (conducted)

| Test Item: | Bandedge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Type: | 802.11 b     |            |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |             |            |  |  |    |   |  |              |            |  |  |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|--------------|----------|--|--|----|---|--|------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|-------------|------------|--|--|----|---|--|--------------|------------|--|--|
| CH01       | <div><div>MultiviewSpectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWI 1.12 ms VBW 300 kHz Mode Auto Sweep</div><div>Count 300/300</div><div>1 Frequency Sweep</div><div></div><div>2.31 GHz1001 pts11.2 MHz/2.422 GHz</div><div>2 Marker Table</div><table><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>4.87 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-41.15 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-55.34 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-62.24 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399936 GHz</td><td>-40.94 dBm</td><td></td><td></td></tr></tbody></table><div>Date: 6 MAY 2021 09:46:54</div></div> |       |              | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.41143 GHz  | 4.87 dBm |  |  | M2 | 1 |  | 2.4 GHz    | -41.15 dBm |  |  | M3 | 1 |  | 2.39 GHz | -55.34 dBm |  |  | M4 | 1 |  | 2.31 GHz    | -62.24 dBm |  |  | M5 | 1 |  | 2.399936 GHz | -40.94 dBm |  |  |
| Type       | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Trc   | X-Value      | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |             |            |  |  |    |   |  |              |            |  |  |
| M1         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       | 2.41143 GHz  | 4.87 dBm   |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |             |            |  |  |    |   |  |              |            |  |  |
| M2         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       | 2.4 GHz      | -41.15 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |             |            |  |  |    |   |  |              |            |  |  |
| M3         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       | 2.39 GHz     | -55.34 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |             |            |  |  |    |   |  |              |            |  |  |
| M4         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       | 2.31 GHz     | -62.24 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |             |            |  |  |    |   |  |              |            |  |  |
| M5         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       | 2.399936 GHz | -40.94 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |             |            |  |  |    |   |  |              |            |  |  |
| CH11       | <div><div>MultiviewSpectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWI 1.03 ms VBW 300 kHz Mode Auto Sweep</div><div>Count 300/300</div><div>1 Frequency Sweep</div><div></div><div>2.452 GHz1001 pts4.8 MHz/2.5 GHz</div><div>2 Marker Table</div><table><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>3.01 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-56.67 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-62.04 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.48872 GHz</td><td>-54.45 dBm</td><td></td><td></td></tr></tbody></table><div>Date: 6 MAY 2021 09:41:08</div></div>                                                                                             |       |              | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.461471 GHz | 3.01 dBm |  |  | M2 | 1 |  | 2.4835 GHz | -56.67 dBm |  |  | M3 | 1 |  | 2.5 GHz  | -62.04 dBm |  |  | M4 | 1 |  | 2.48872 GHz | -54.45 dBm |  |  |    |   |  |              |            |  |  |
| Type       | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Trc   | X-Value      | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |             |            |  |  |    |   |  |              |            |  |  |
| M1         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       | 2.461471 GHz | 3.01 dBm   |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |             |            |  |  |    |   |  |              |            |  |  |
| M2         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       | 2.4835 GHz   | -56.67 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |             |            |  |  |    |   |  |              |            |  |  |
| M3         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       | 2.5 GHz      | -62.04 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |             |            |  |  |    |   |  |              |            |  |  |
| M4         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       | 2.48872 GHz  | -54.45 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |             |            |  |  |    |   |  |              |            |  |  |

| Test Item: | Bandedge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Type: | 802.11 g     |            |          |                 |         |         |          |                 |    |   |  |             |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|-------------|-----------|--|--|----|---|--|------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|--------------|------------|--|--|
| CH01       | <div><div>MultViewSpectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SWI 1.12 ms VBW 300 kHz Mode Auto Sweep Count 300/300</div><div>1 Frequency Sweep</div><div></div><div>2.31 GHz1001 pts11.2 MHz/2.422 GHz</div><div>2 Marker Table</div><table><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><tr><td>M1</td><td>1</td><td></td><td>2.40427 GHz</td><td>-4.57 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-37.95 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-52.25 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-62.52 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399824 GHz</td><td>-39.36 dBm</td><td></td><td></td></tr></table><div>Date: 6 MAY 2021 10:05:54</div></div> |       |              | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.40427 GHz | -4.57 dBm |  |  | M2 | 1 |  | 2.4 GHz    | -37.95 dBm |  |  | M3 | 1 |  | 2.39 GHz | -52.25 dBm |  |  | M4 | 1 |  | 2.31 GHz     | -62.52 dBm |  |  | M5 | 1 |  | 2.399824 GHz | -39.36 dBm |  |  |
| Type       | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Trc   | X-Value      | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |             |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M1         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       | 2.40427 GHz  | -4.57 dBm  |          |                 |         |         |          |                 |    |   |  |             |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M2         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       | 2.4 GHz      | -37.95 dBm |          |                 |         |         |          |                 |    |   |  |             |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M3         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       | 2.39 GHz     | -52.25 dBm |          |                 |         |         |          |                 |    |   |  |             |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M4         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       | 2.31 GHz     | -62.52 dBm |          |                 |         |         |          |                 |    |   |  |             |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M5         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       | 2.399824 GHz | -39.36 dBm |          |                 |         |         |          |                 |    |   |  |             |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| CH11       | <div><div>MultViewSpectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SWI 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300</div><div>1 Frequency Sweep</div><div></div><div>2.452 GHz1001 pts4.8 MHz/2.5 GHz</div><div>2 Marker Table</div><table><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><tr><td>M1</td><td>1</td><td></td><td>2.45423 GHz</td><td>-6.66 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-56.78 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-62.17 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.484016 GHz</td><td>-56.17 dBm</td><td></td><td></td></tr></table><div>Date: 6 MAY 2021 10:03:05</div></div>                                                                                             |       |              | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.45423 GHz | -6.66 dBm |  |  | M2 | 1 |  | 2.4835 GHz | -56.78 dBm |  |  | M3 | 1 |  | 2.5 GHz  | -62.17 dBm |  |  | M4 | 1 |  | 2.484016 GHz | -56.17 dBm |  |  |    |   |  |              |            |  |  |
| Type       | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Trc   | X-Value      | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |             |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M1         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       | 2.45423 GHz  | -6.66 dBm  |          |                 |         |         |          |                 |    |   |  |             |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M2         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       | 2.4835 GHz   | -56.78 dBm |          |                 |         |         |          |                 |    |   |  |             |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M3         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       | 2.5 GHz      | -62.17 dBm |          |                 |         |         |          |                 |    |   |  |             |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M4         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       | 2.484016 GHz | -56.17 dBm |          |                 |         |         |          |                 |    |   |  |             |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |

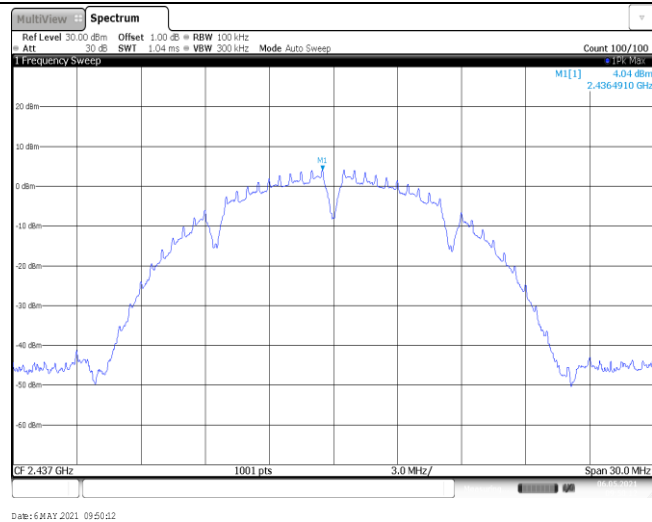




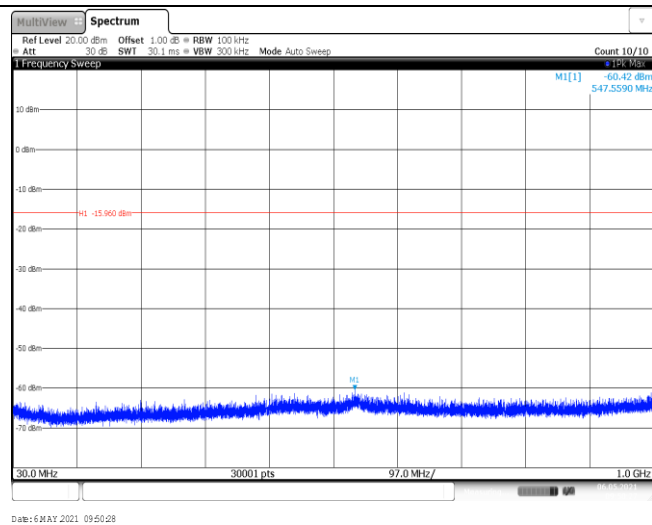
| Test Item:              | SE | Type:                                                                                                                                                                                                                                                                                                                                          | 802.11b |
|-------------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| CH01<br>Reference level |    |  <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep<br/>Count 100/100<br/>M1[1] -5.06 dBm<br/>2.4124800 GHz<br/>2.412 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz<br/>Date: 6 MAY 2021 09:47:00</p>              |         |
| CH01<br>30MHz~1000MHz   |    |  <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep<br/>Count 10/10<br/>M1[1] -60.21 dBm<br/>550.0000 MHz<br/>M1 -14.940 dBm<br/>30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz<br/>Date: 6 MAY 2021 09:47:16</p> |         |
| CH01<br>1GHz~26GHz      |    |  <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep<br/>Count 10/10<br/>M1[1] -36.76 dBm<br/>4.823333 GHz<br/>M1 -14.940 dBm<br/>1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz<br/>Date: 6 MAY 2021 09:47:32</p>  |         |



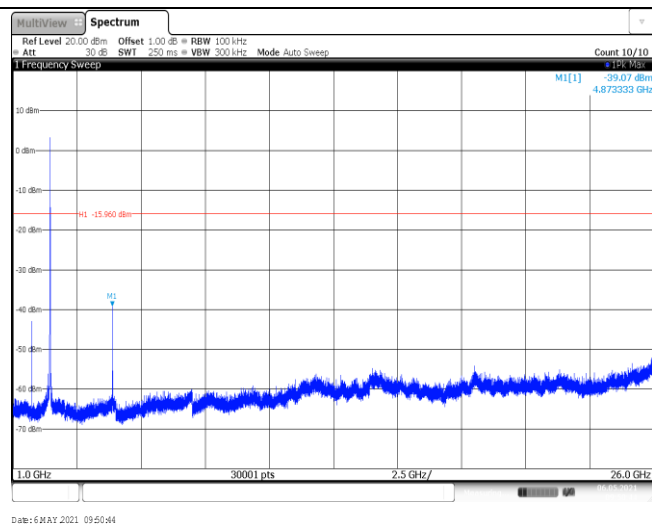
CH06  
Reference level



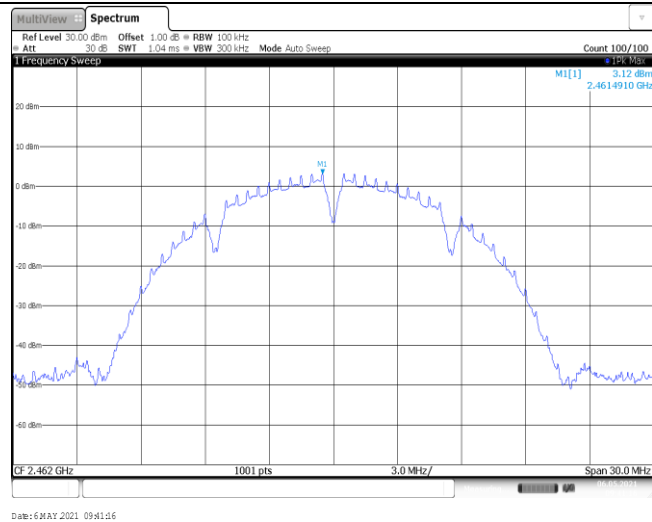
CH06  
30MHz~1000MHz



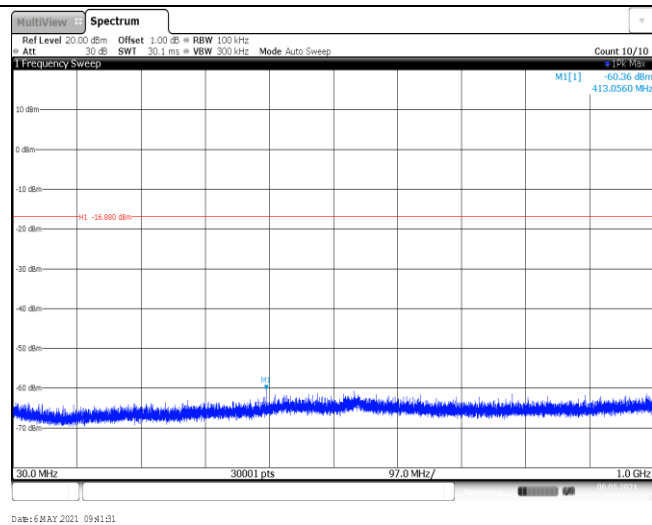
CH06  
1GHz~26GHz



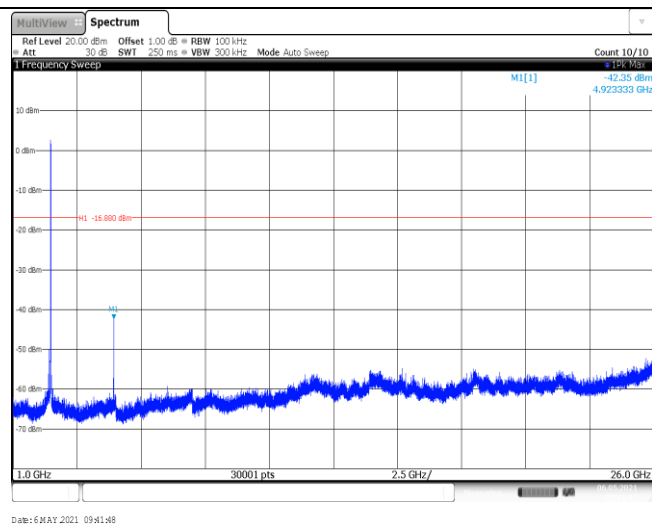
CH11  
Reference level

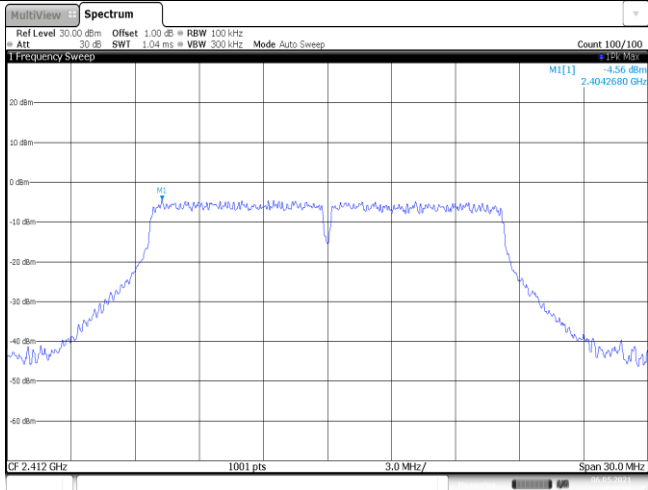
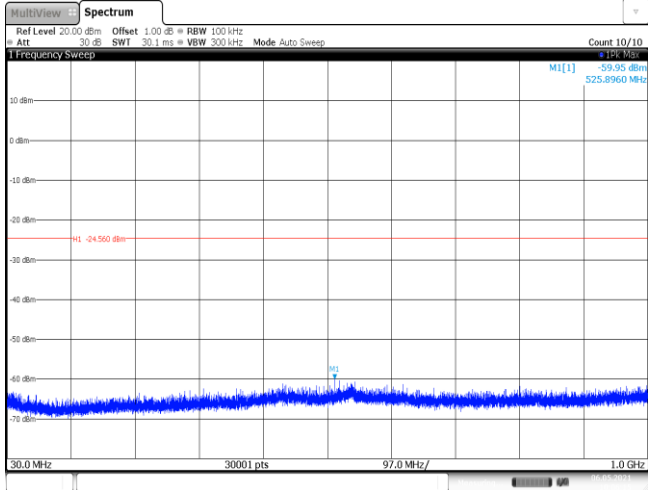
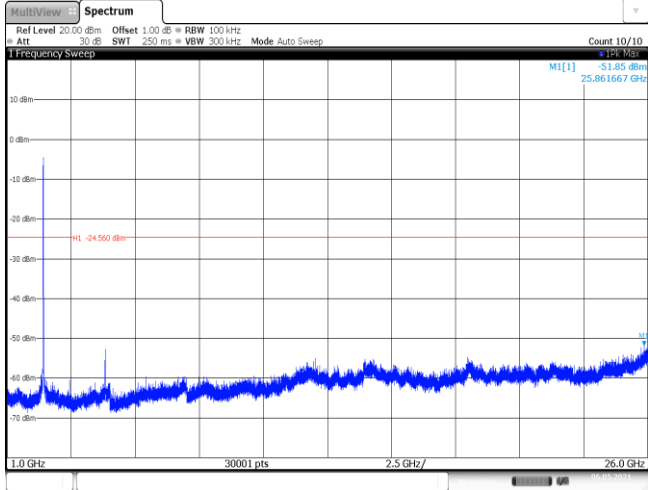


CH11  
30MHz~1000MHz

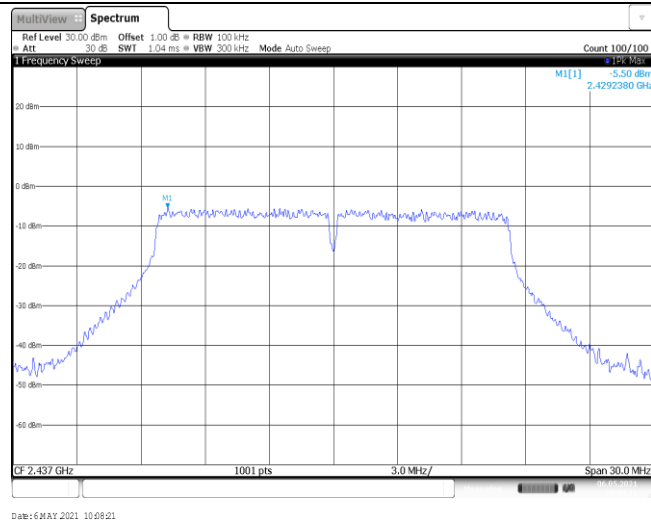


CH11  
1GHz~26GHz

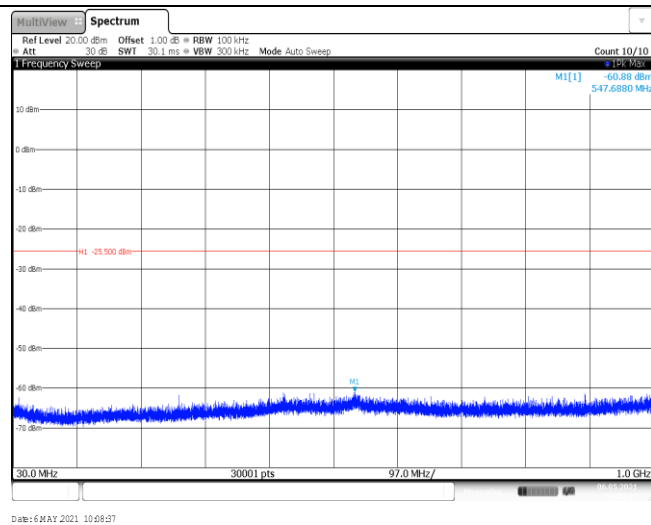


| Test Item:              | SE | Type:                                                                                                                                                                                                                                                                                                                          | 802.11g |
|-------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| CH01<br>Reference level |    |  <p>Ref Level 30.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep<br/>Count 100/100<br/>MI[1] -4.56 dBm 2.402680 GHz<br/>2.412 GHz 1001 pts 3.0 MHz/pt Span 30.0 MHz<br/>Date: 6 MAY 2021 10:06:00</p> |         |
| CH01<br>30MHz~1000MHz   |    |  <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep<br/>Count 10/10<br/>MI[1] -59.95 dBm 525.8960 MHz<br/>30.0 MHz 30001 pts 97.0 MHz/pt 1.0 GHz<br/>Date: 6 MAY 2021 10:06:16</p>      |         |
| CH01<br>1GHz~26GHz      |    |  <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep<br/>Count 10/10<br/>MI[1] -51.95 dBm 25.861667 GHz<br/>1.0 GHz 30001 pts 2.5 GHz/pt 26.0 GHz<br/>Date: 6 MAY 2021 10:06:32</p>      |         |

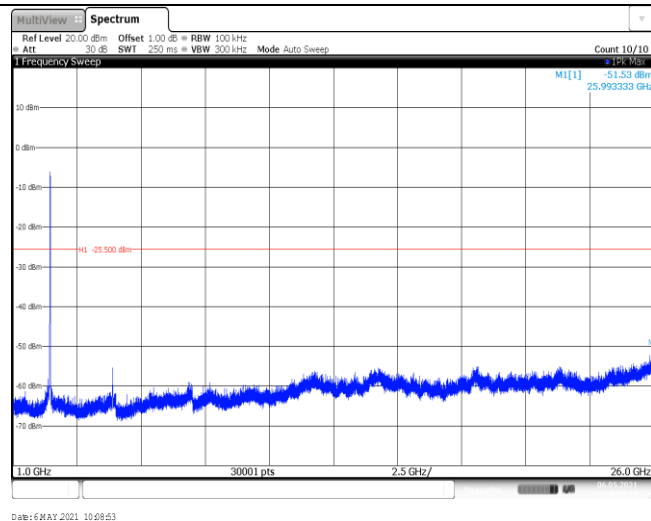
CH06  
Reference level



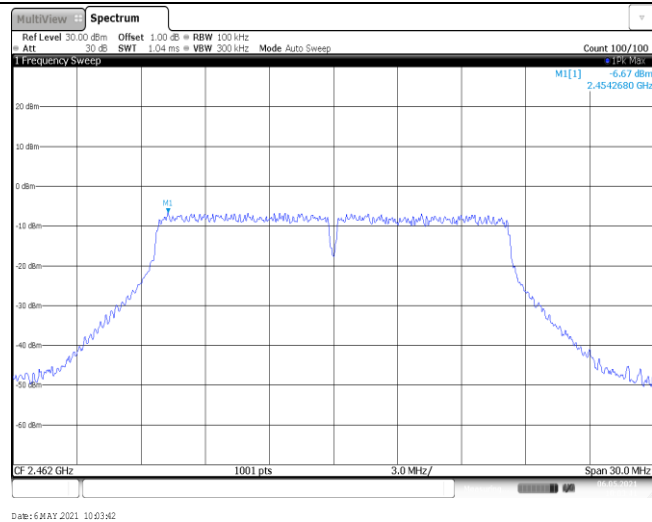
CH06  
30MHz~1000MHz



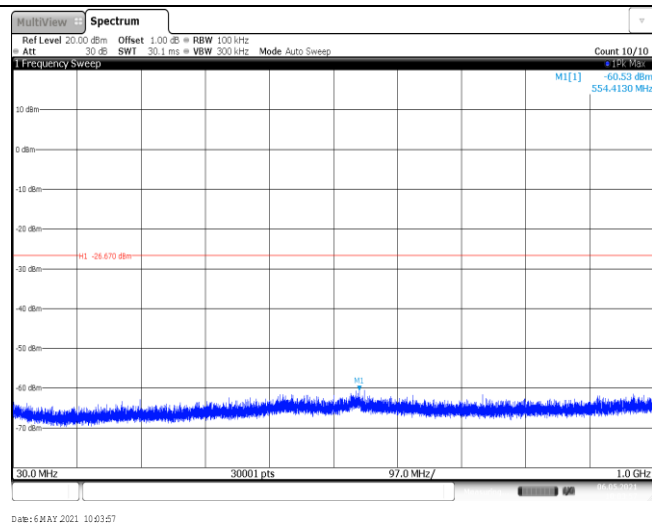
CH06  
1GHz~26GHz



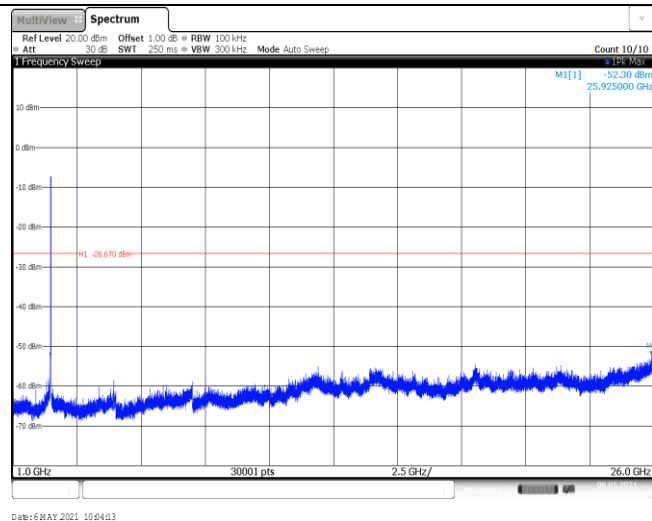
CH11  
Reference level

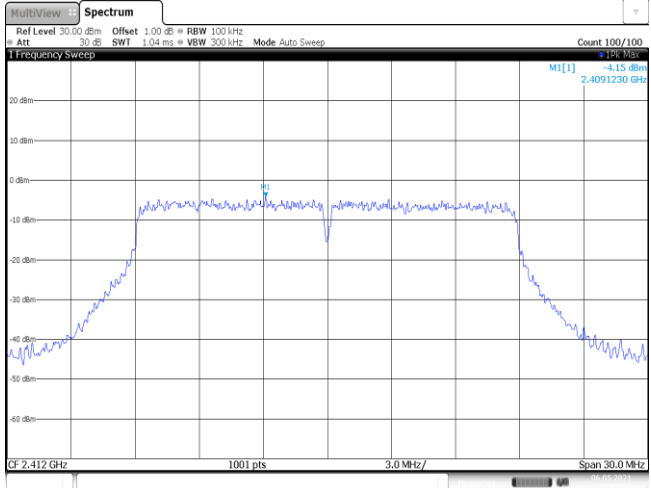
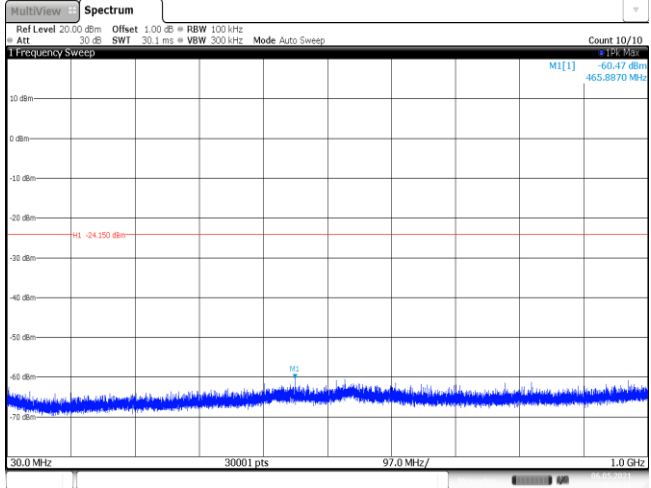
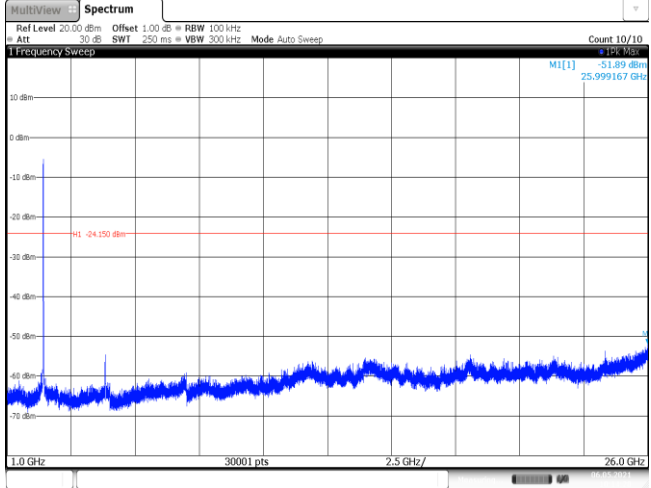


CH11  
30MHz~1000MHz

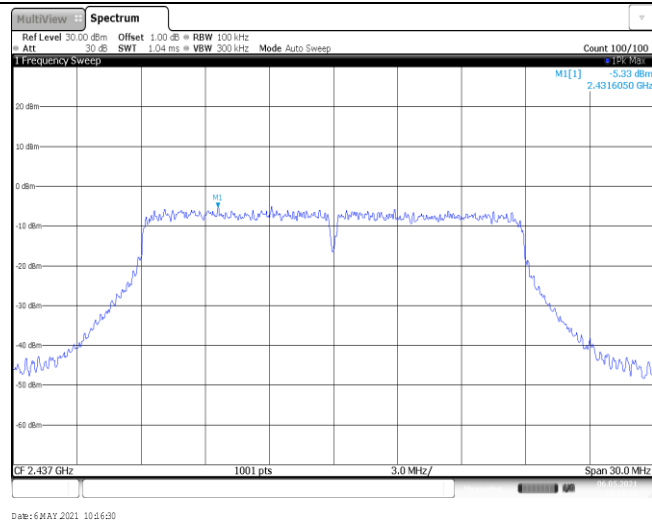


CH11  
1GHz~26GHz

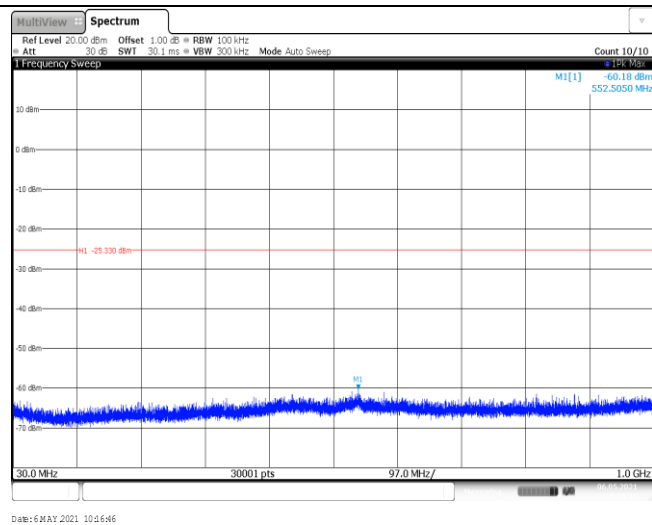


| Test Item:              | SE | Type:                                                                                                              | 802.11n(HT20) |
|-------------------------|----|--------------------------------------------------------------------------------------------------------------------|---------------|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

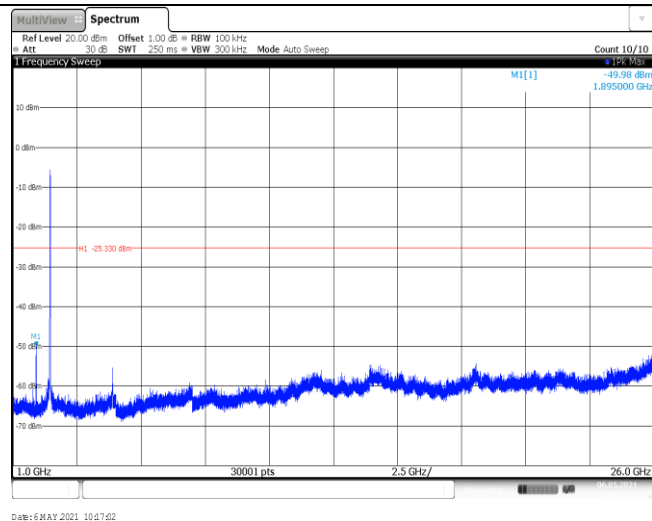
CH06  
Reference level



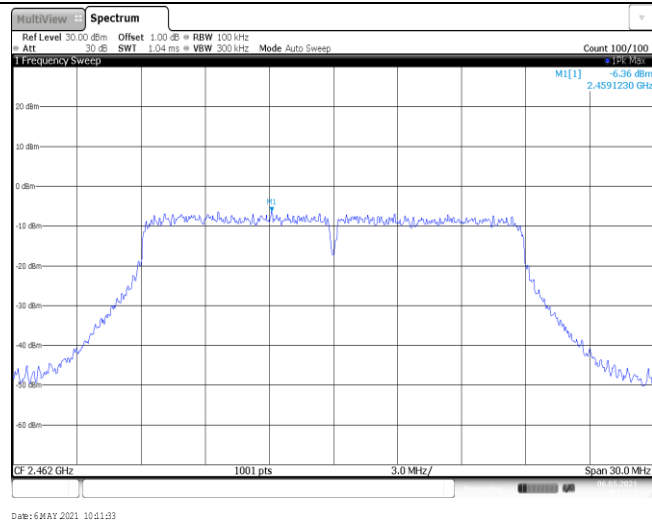
CH06  
30MHz~1000MHz



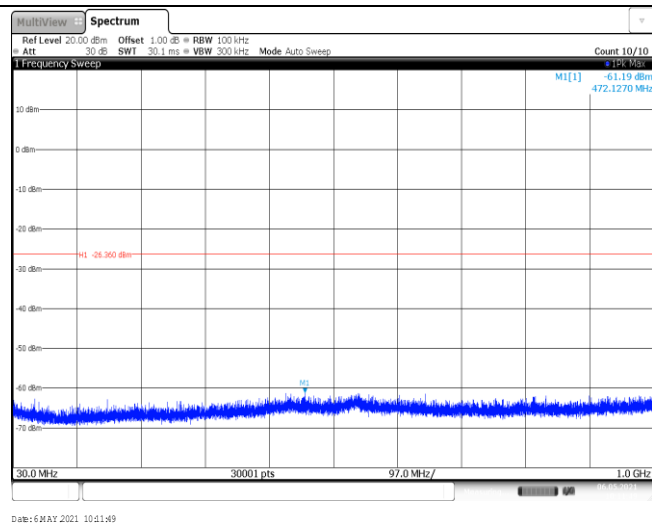
CH06  
1GHz~26GHz



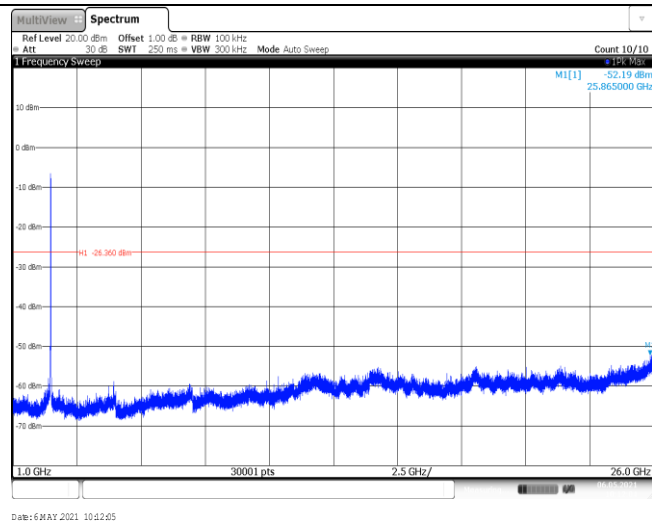
CH11  
Reference level



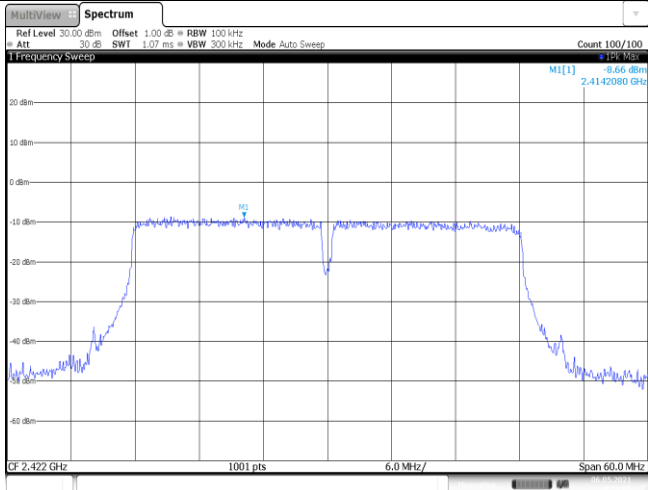
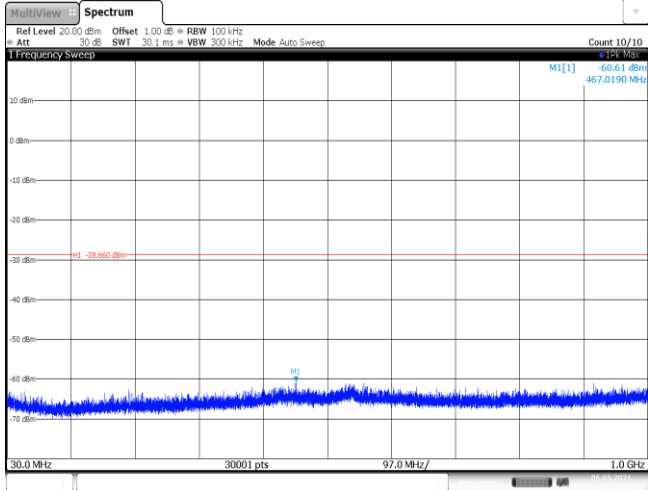
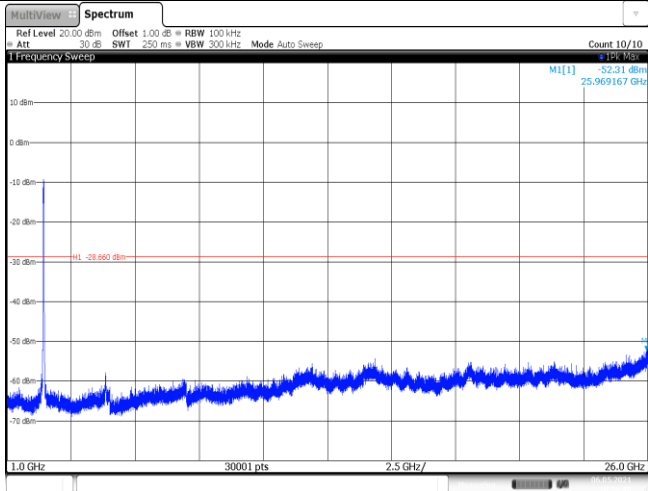
CH11  
30MHz~1000MHz



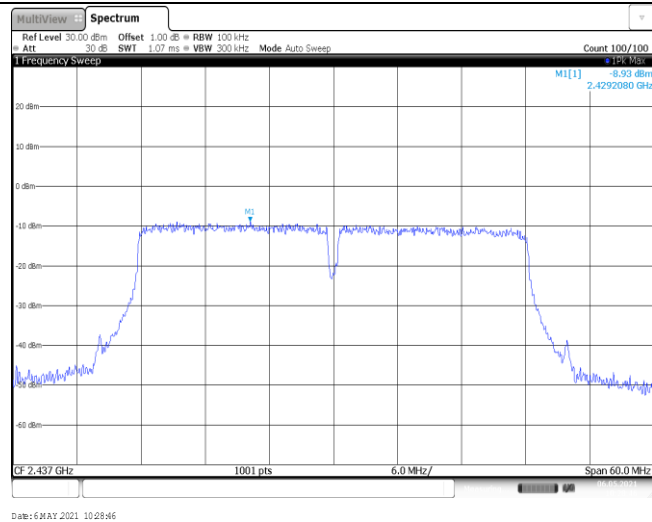
CH11  
1GHz~26GHz



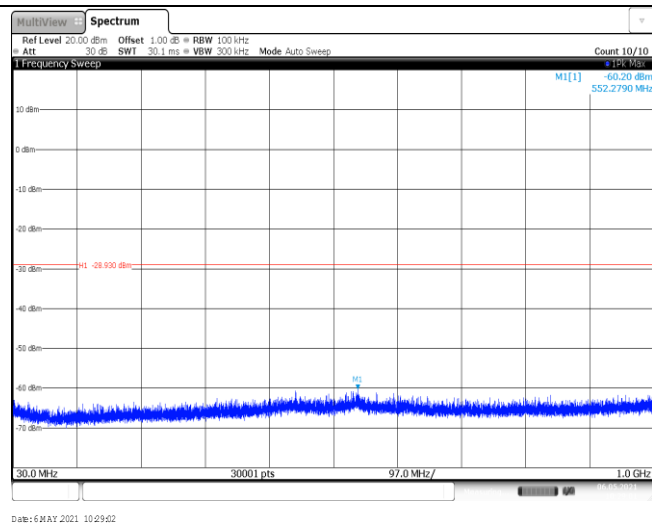


| Test Item:              | SE | Type:                                                                                                                 | 802.11n(HT40) |
|-------------------------|----|-----------------------------------------------------------------------------------------------------------------------|---------------|
| CH03<br>Reference level |    |  <p>Date: 6 MAY 2021 10:26:09</p>   |               |
| CH03<br>30MHz~1000MHz   |    |  <p>Date: 6 MAY 2021 10:26:24</p>  |               |
| CH03<br>1GHz~26GHz      |    |  <p>Date: 6 MAY 2021 10:26:40</p> |               |

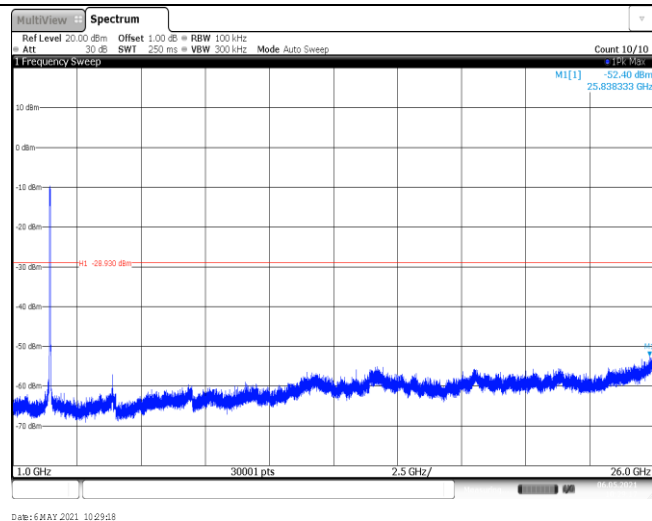
CH06  
Reference level

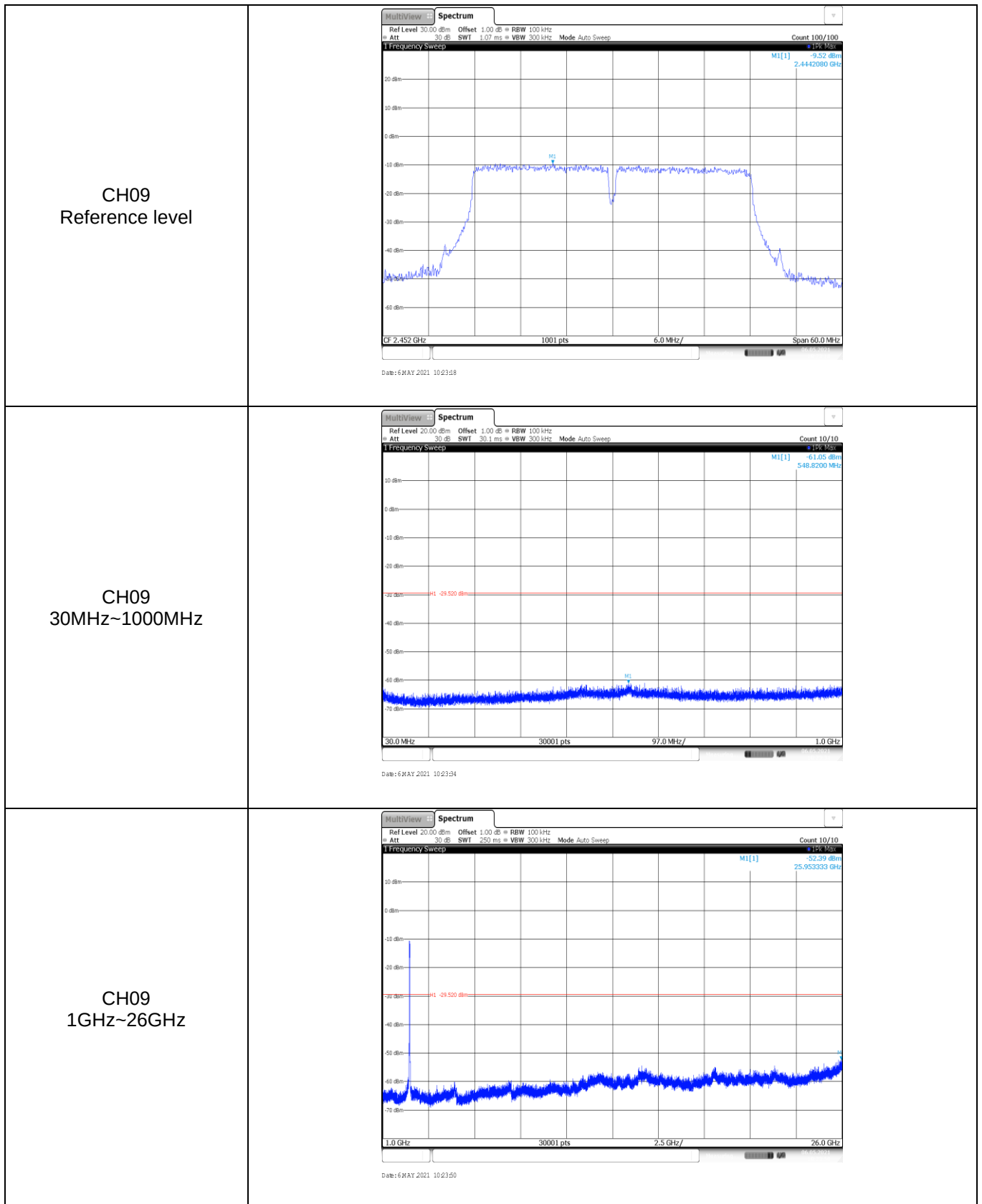


CH06  
30MHz~1000MHz



CH06  
1GHz~26GHz





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