

# APPENDIX REPORT

|                 |                 |                     |              |
|-----------------|-----------------|---------------------|--------------|
| Project No.     | SHT2103109801EW | Radio Specification | WIFI 2.4G    |
| Test sample No. | YPHT21031098003 | Model No.           | D104S        |
| Start test date | 2021-04-09      | Finish date         | 2021-04-09   |
| Temperature     | 25.8°C          | Humidity            | 48%          |
| Test Engineer   | Hailey Chen     | Auditor             | Xiaodong Zhe |

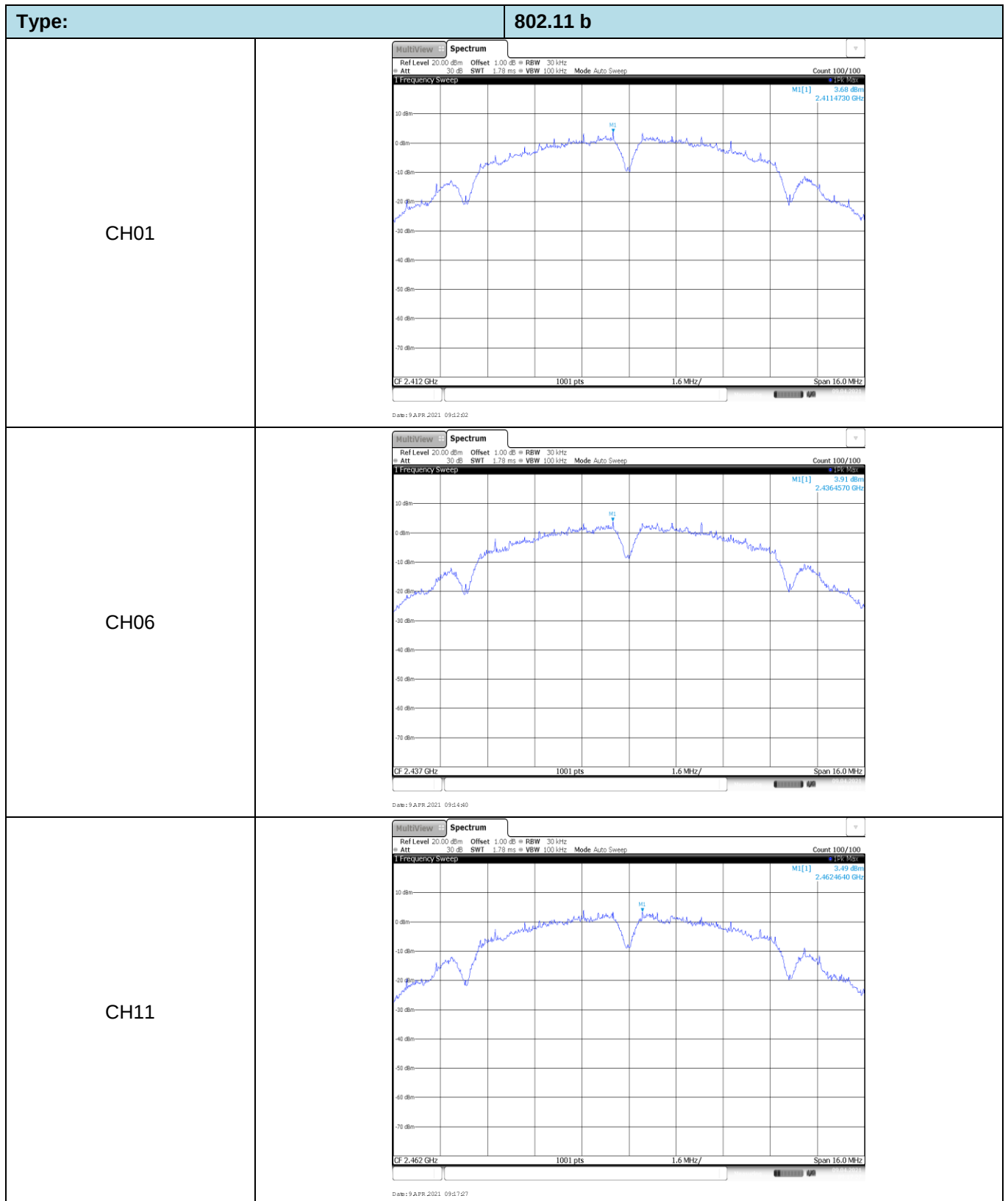
| Appendix clause | Test item                                    | Result |
|-----------------|----------------------------------------------|--------|
| A               | Conducted Peak Output Power                  | PASS   |
| B               | Power Spectral Density                       | PASS 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

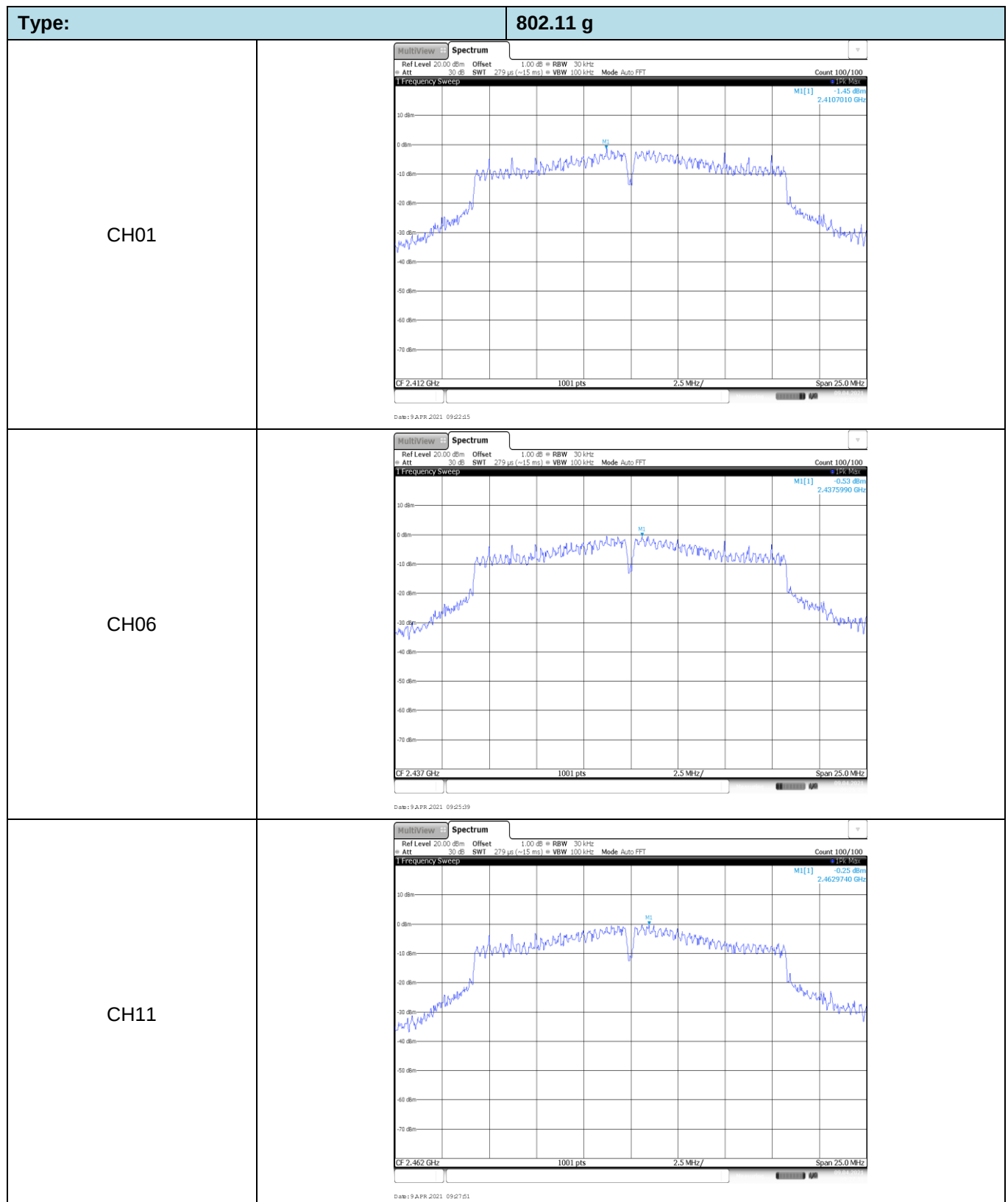
**Appendix A: Conducted Peak Output Power**

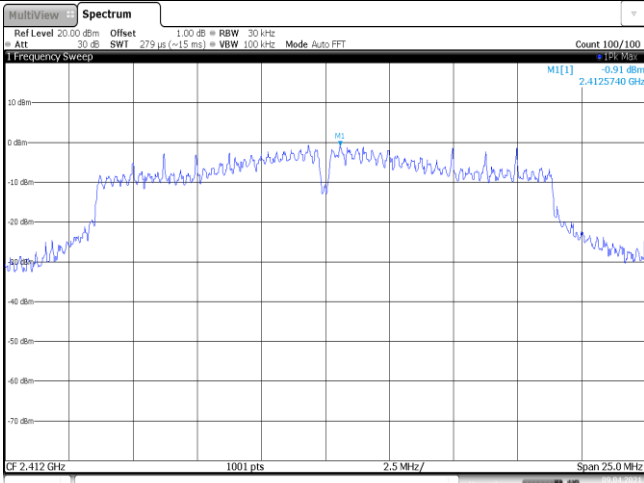
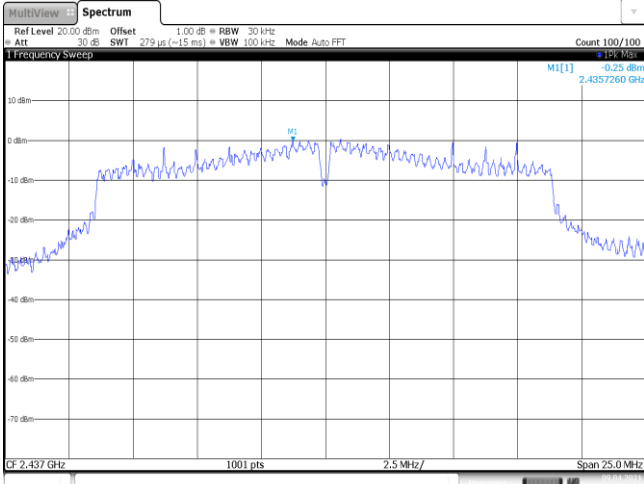
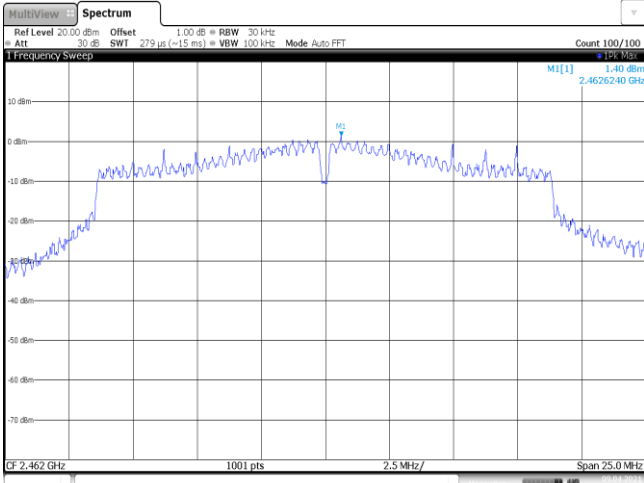
| Type           | Channel | Peak Output power (dBm) | Average Output power (dBm) | Limit (dBm) | Result |
|----------------|---------|-------------------------|----------------------------|-------------|--------|
| 802.11b        | 01      | 17.20                   | 14.94                      | ≤ 30.00     | Pass   |
|                | 06      | 17.90                   | 15.50                      |             |        |
|                | 11      | 17.78                   | 15.39                      |             |        |
| 802.11g        | 01      | 22.47                   | 19.82                      | ≤ 30.00     | Pass   |
|                | 06      | 23.24                   | 20.55                      |             |        |
|                | 11      | 22.95                   | 20.32                      |             |        |
| 802.11n (HT20) | 01      | 22.97                   | 20.86                      | ≤ 30.00     | Pass   |
|                | 06      | 23.68                   | 21.18                      |             |        |
|                | 11      | 23.62                   | 21.10                      |             |        |

**Appendix B: Power Spectral Density**

| Type          | Channel | Power Spectral Density (dBm/30KHz) | Limit (dBm/3KHz) | Result |
|---------------|---------|------------------------------------|------------------|--------|
| 802.11b       | 01      | 3.68                               | ≤8.00            | Pass   |
|               | 06      | 3.91                               |                  |        |
|               | 11      | 3.49                               |                  |        |
| 802.11g       | 01      | -1.45                              | ≤8.00            | Pass   |
|               | 06      | -0.53                              |                  |        |
|               | 11      | -0.25                              |                  |        |
| 802.11n(HT20) | 01      | -0.91                              | ≤8.00            | Pass   |
|               | 06      | -0.25                              |                  |        |
|               | 11      | 1.40                               |                  |        |

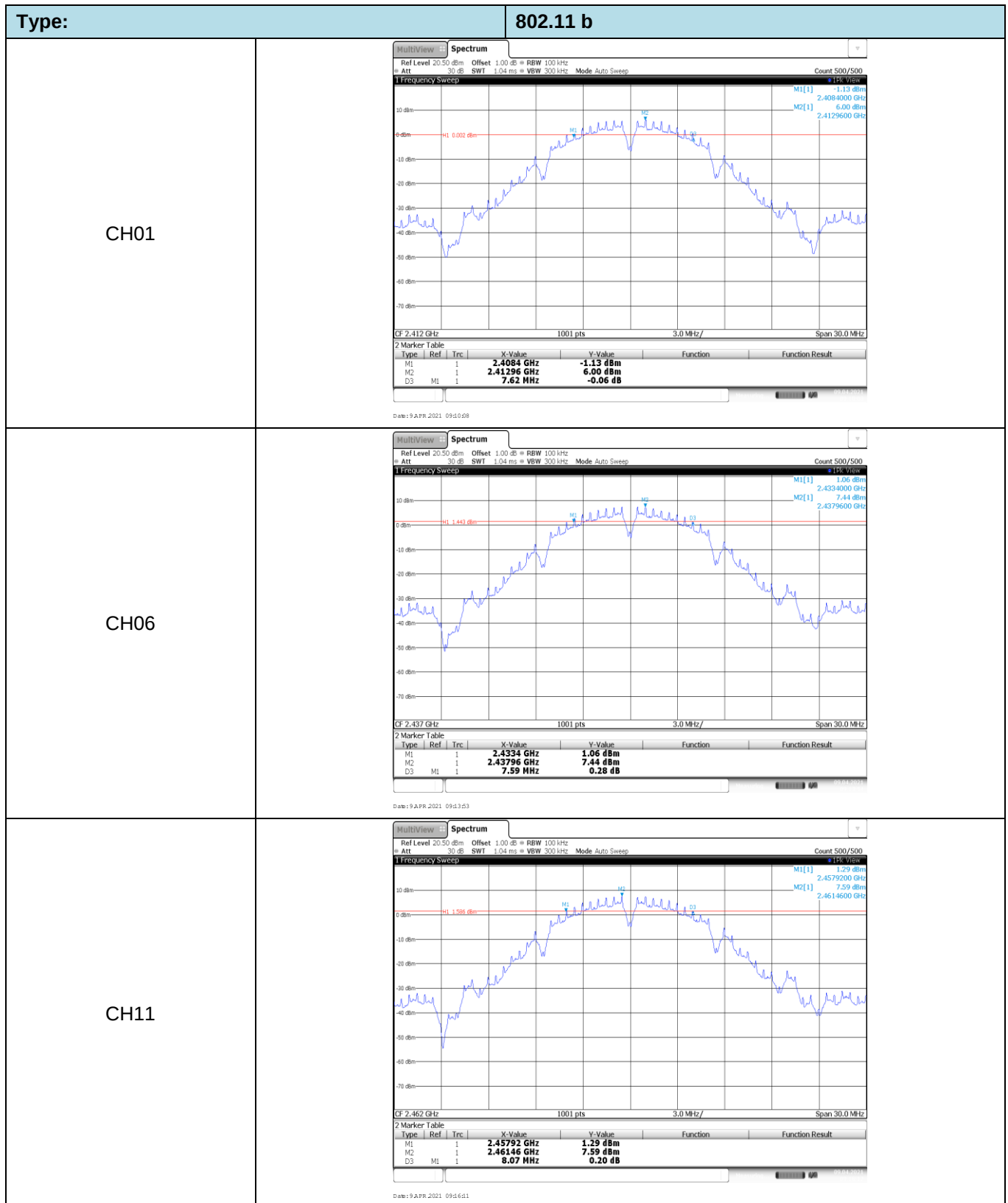


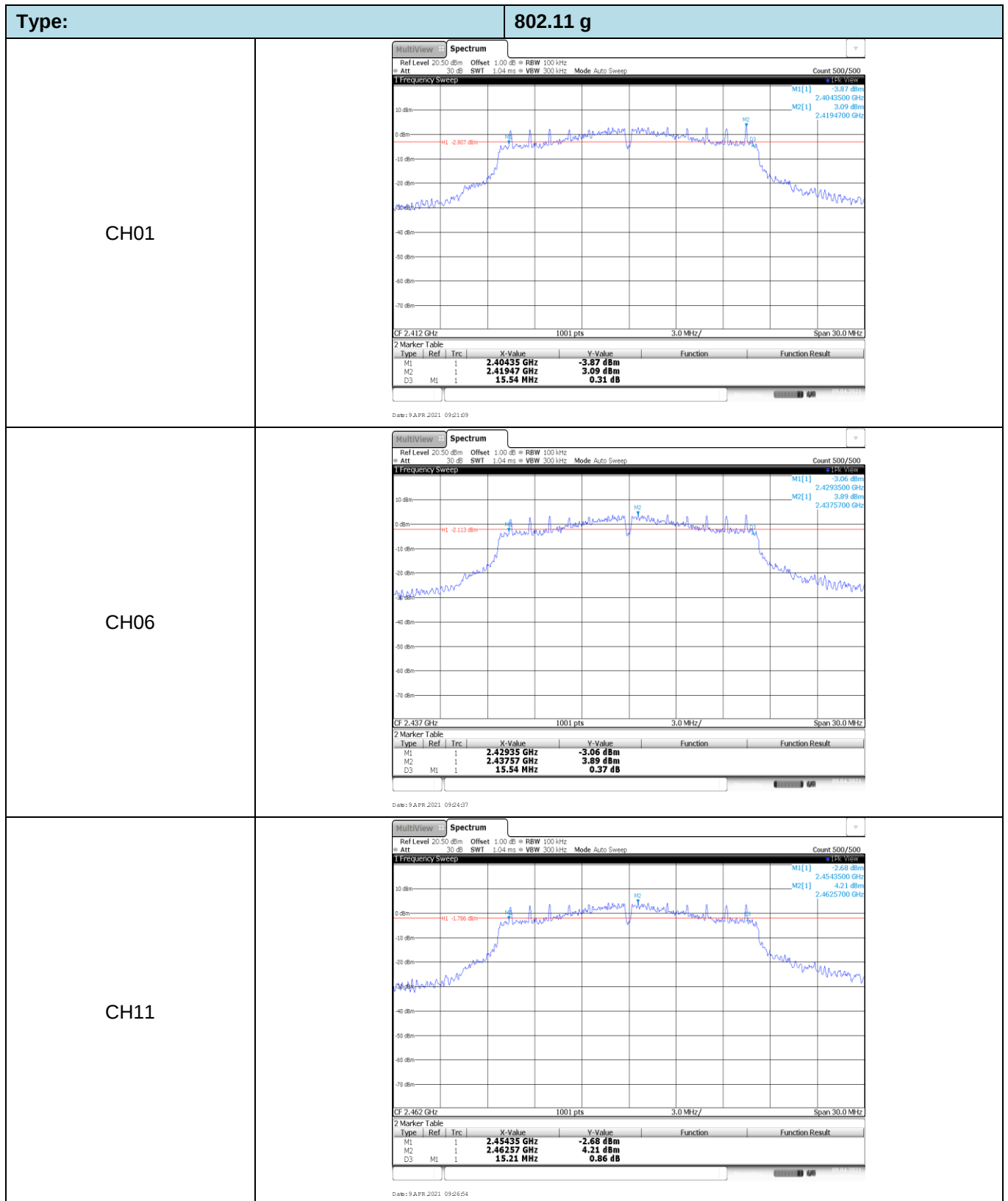


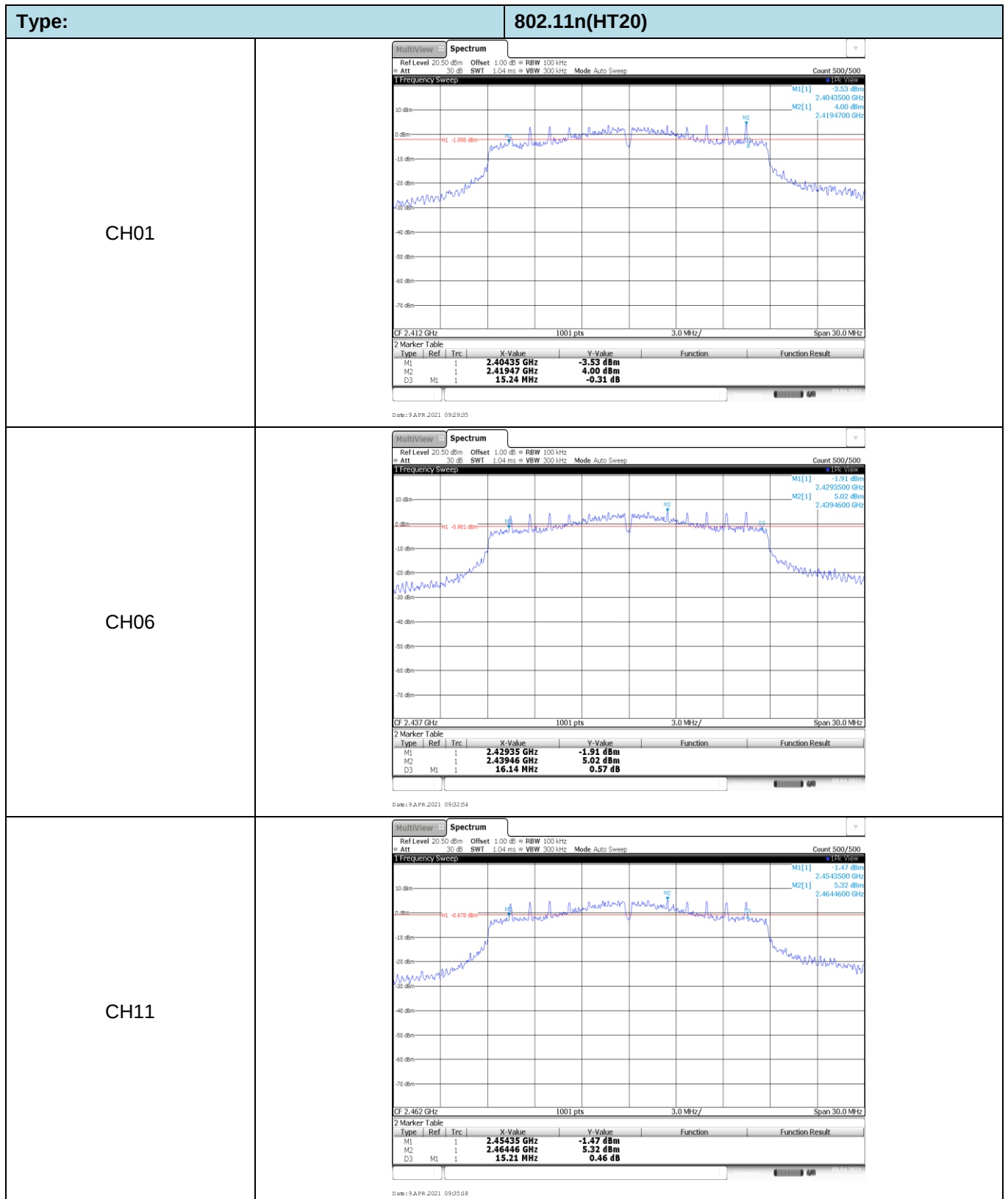
| Type: | 802.11n(HT20)                                                                                                   |
|-------|-----------------------------------------------------------------------------------------------------------------|
| CH01  |  <p>9 APR 2021 09:31:02</p>   |
| CH06  |  <p>9 APR 2021 09:33:46</p>  |
| CH11  |  <p>9 APR 2021 09:36:10</p> |

**Appendix C: 6dB bandwidth**

| Type          | Channel | 6dB Bandwidth (MHz) | Limit (MHz) | Result |
|---------------|---------|---------------------|-------------|--------|
| 802.11b       | 01      | 7.62                | ≥0.5        | Pass   |
|               | 06      | 7.59                |             |        |
|               | 11      | 8.07                |             |        |
| 802.11g       | 01      | 15.54               | ≥0.5        | Pass   |
|               | 06      | 15.54               |             |        |
|               | 11      | 15.21               |             |        |
| 802.11n(HT20) | 01      | 15.24               | ≥0.5        | Pass   |
|               | 06      | 16.14               |             |        |
|               | 11      | 15.21               |             |        |

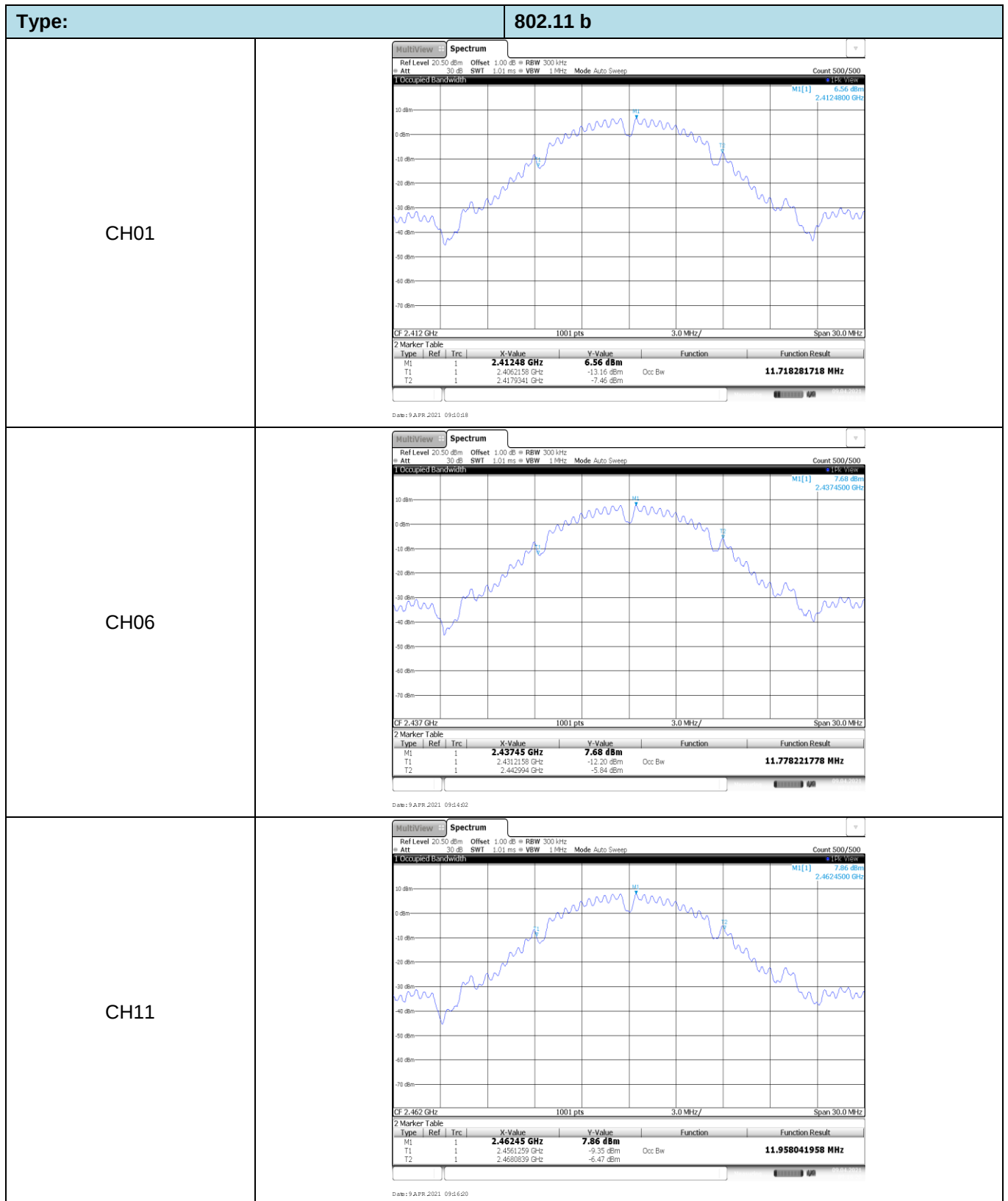


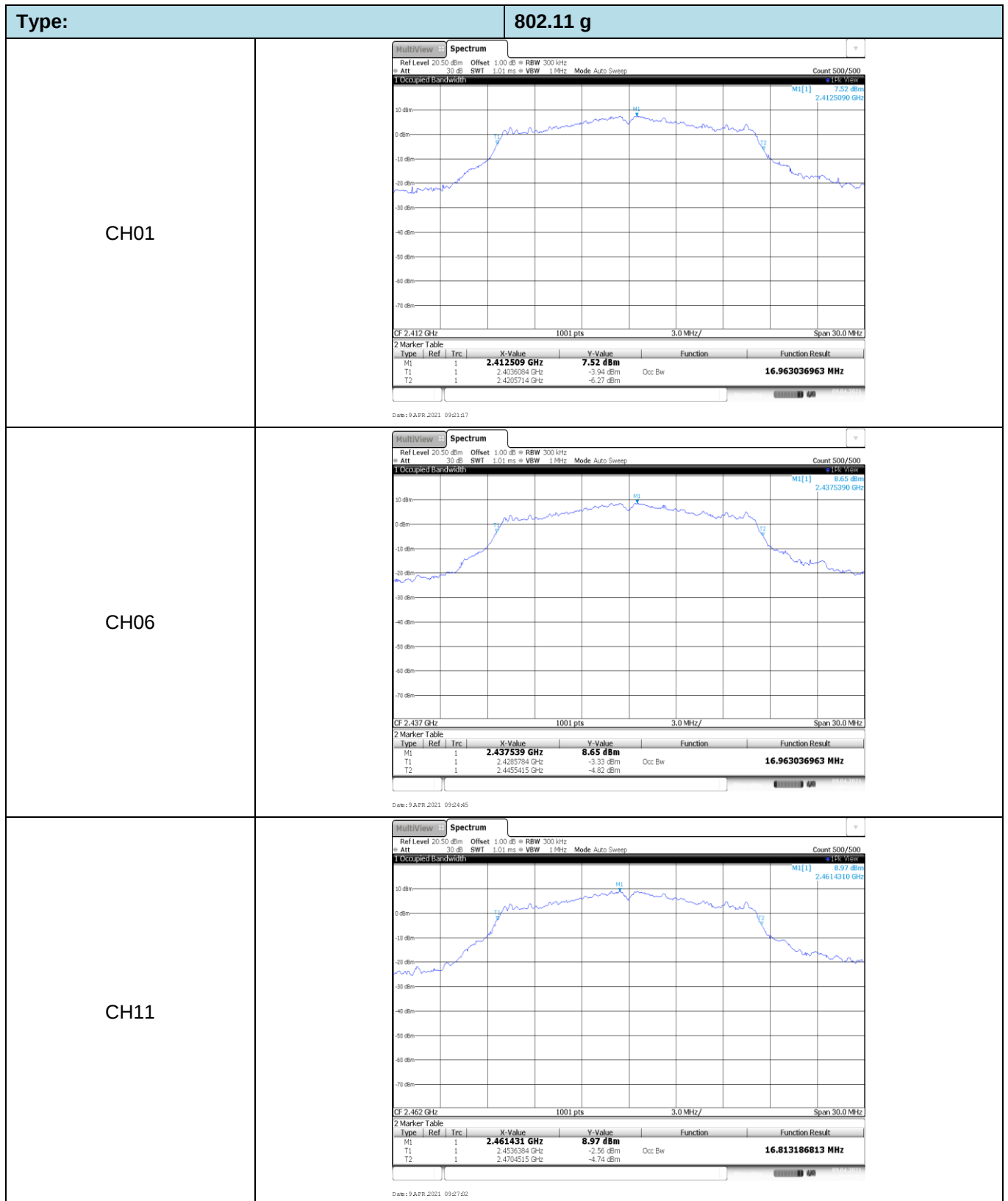


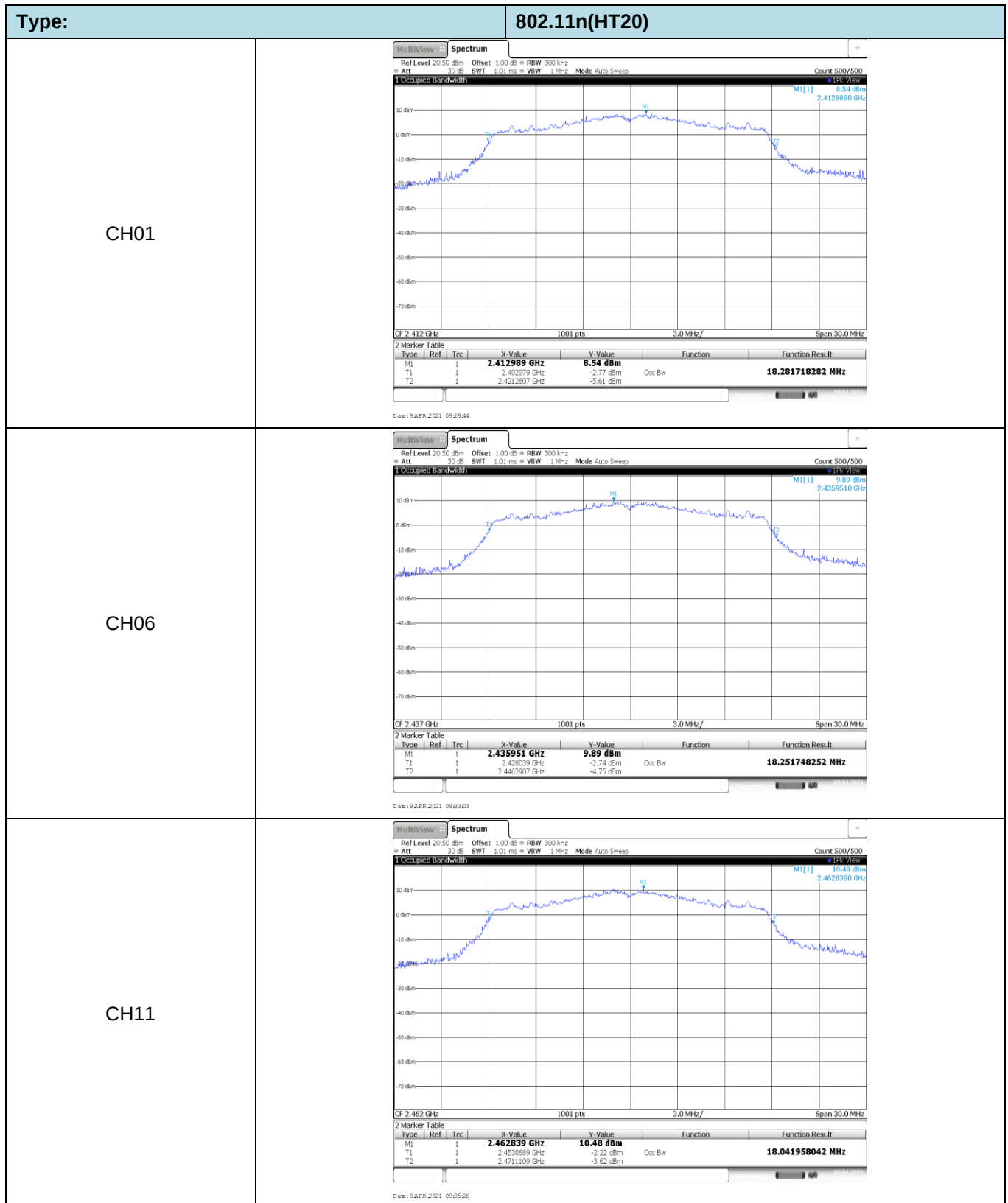


**Appendix D: 99% Occupied Bandwidth**

| Type          | Channel | 99% Bandwidth (MHz) | Limit (MHz) | Result |
|---------------|---------|---------------------|-------------|--------|
| 802.11b       | 01      | 11.72               | -           | Pass   |
|               | 06      | 11.78               |             |        |
|               | 11      | 11.96               |             |        |
| 802.11g       | 01      | 16.96               | -           | Pass   |
|               | 06      | 16.96               |             |        |
|               | 11      | 16.81               |             |        |
| 802.11n(HT20) | 01      | 18.28               | -           | Pass   |
|               | 06      | 18.25               |             |        |
|               | 11      | 18.04               |             |        |

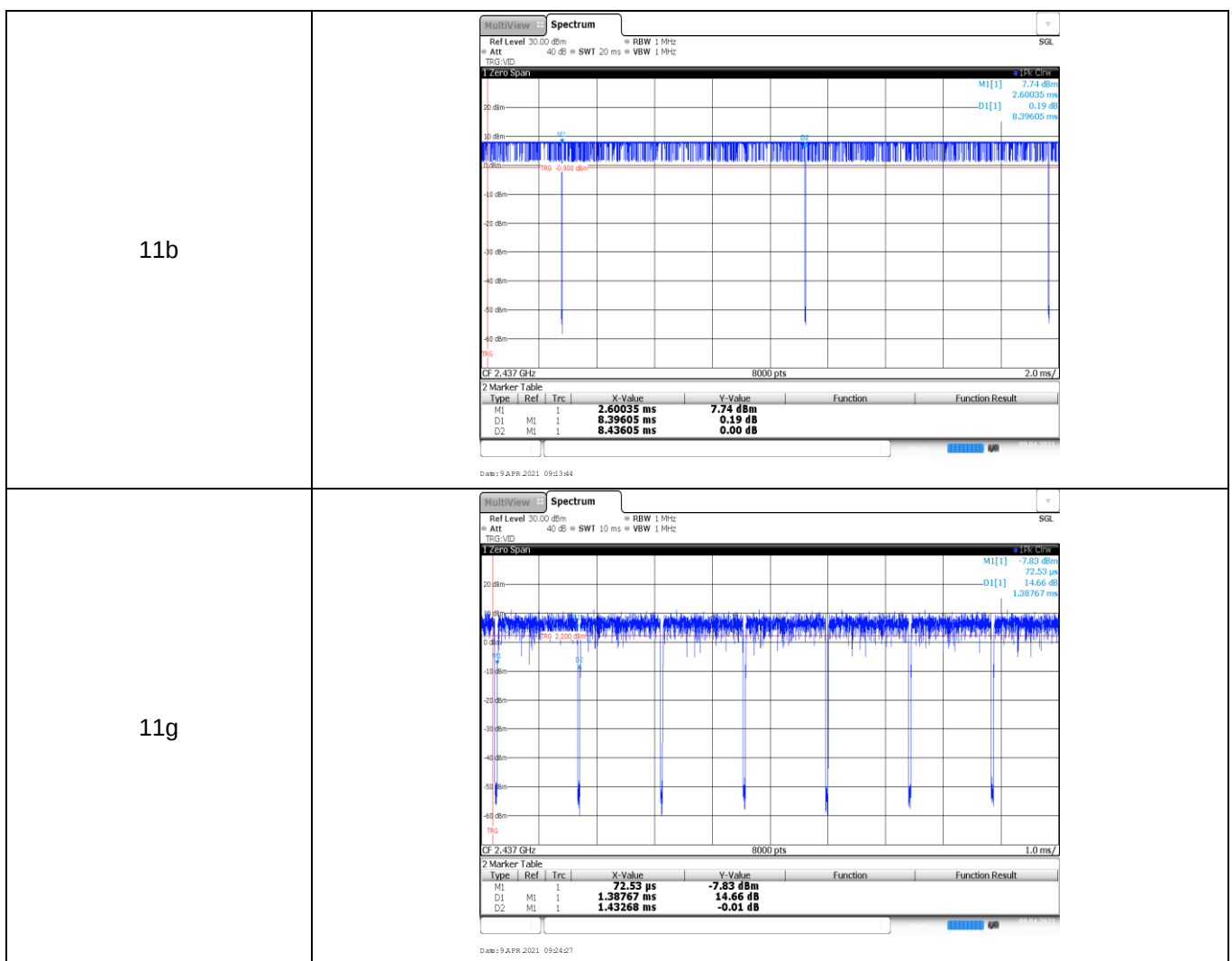


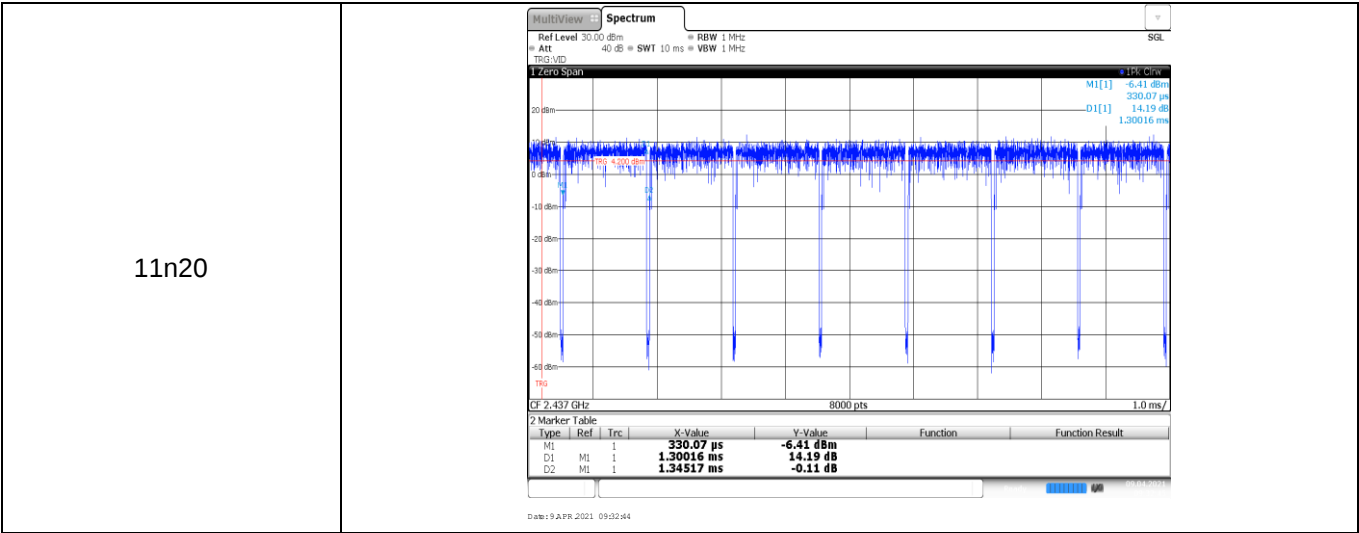




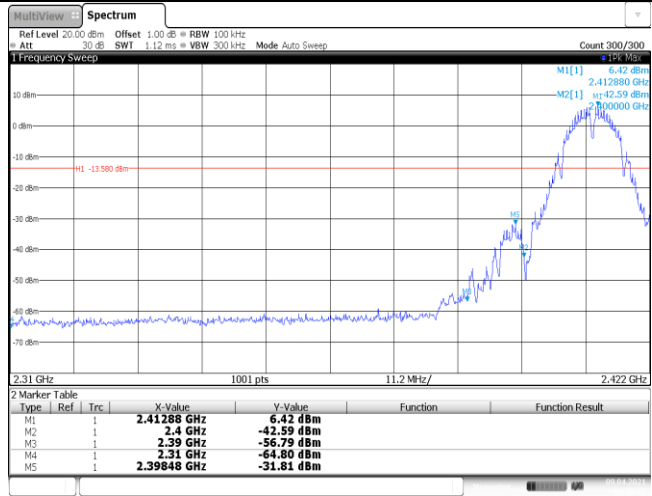
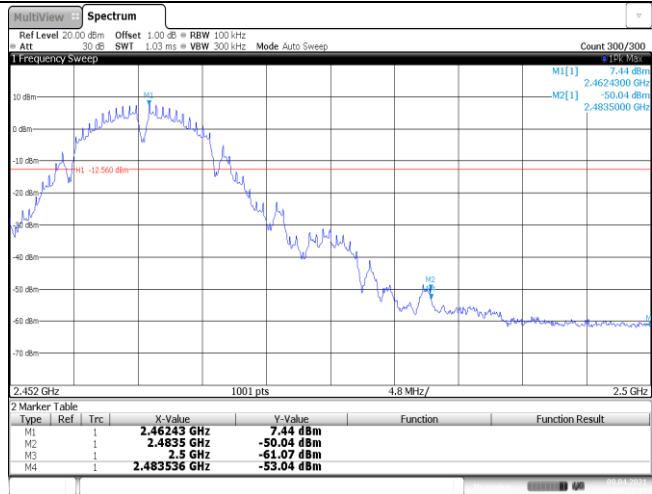
## Appendix E: Duty Cycle

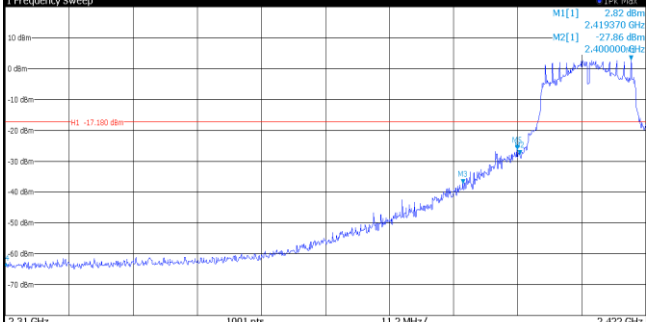
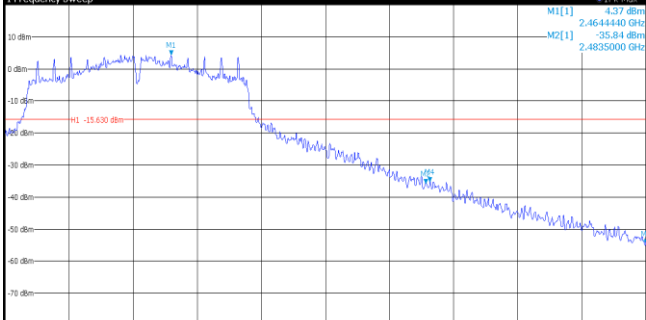
| Modulation Type | Test Frequency (MHz) | T <sub>on time</sub> for single burst (ms) | T <sub>period</sub> (ms) | Duty cycle | 1/T <sub>on time</sub> (kHz) |
|-----------------|----------------------|--------------------------------------------|--------------------------|------------|------------------------------|
| 11b             | 2437                 | 8.40                                       | 8.44                     | 99.5%      | 0.1                          |
| 11g             | 2437                 | 1.39                                       | 1.43                     | 97.2%      | 0.7                          |
| 11n20           | 2437                 | 1.30                                       | 1.35                     | 96.3%      | 0.8                          |

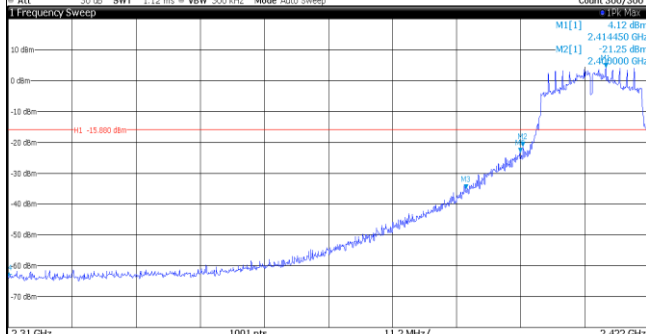
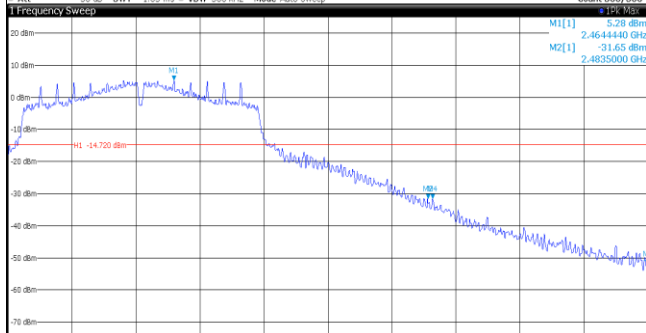


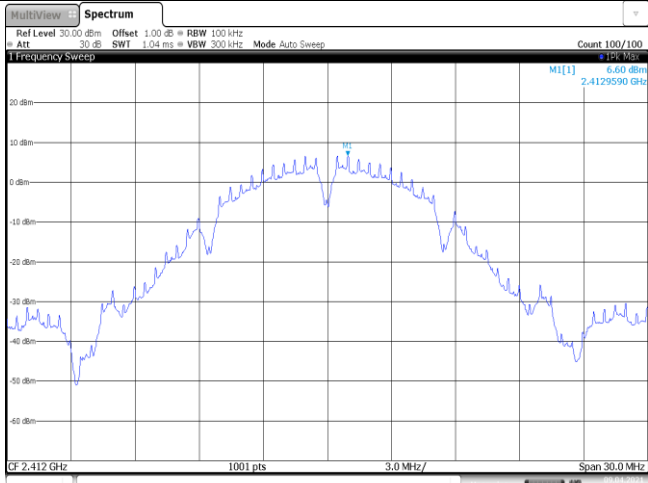
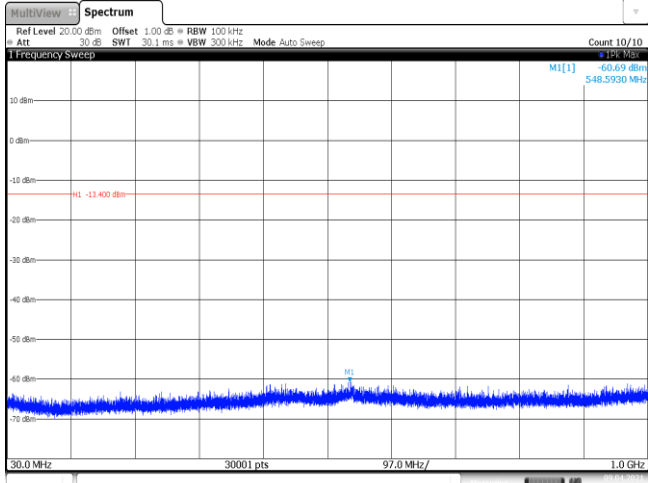
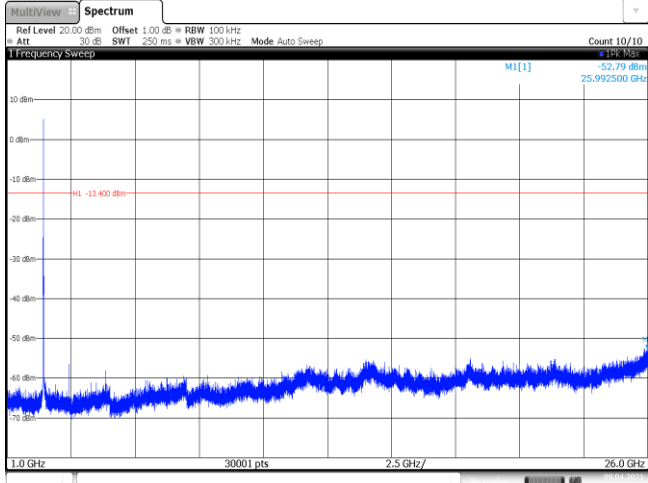


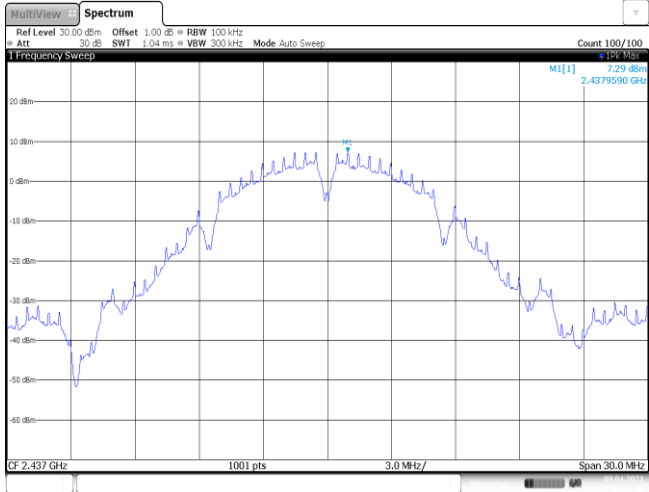
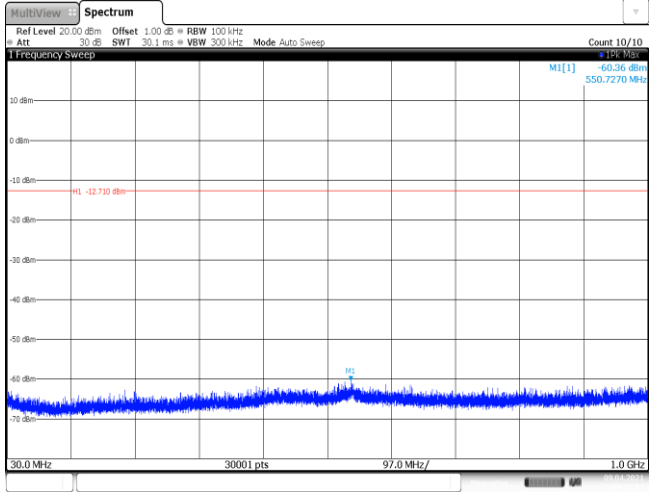
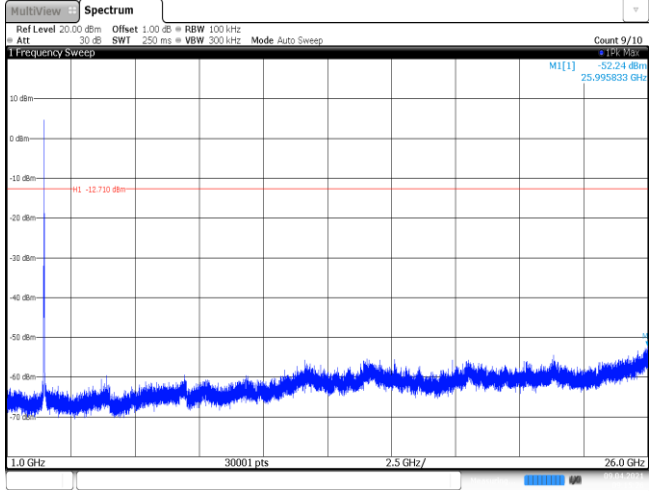
## Appendix F: Band edge and Spurious Emissions (conducted)

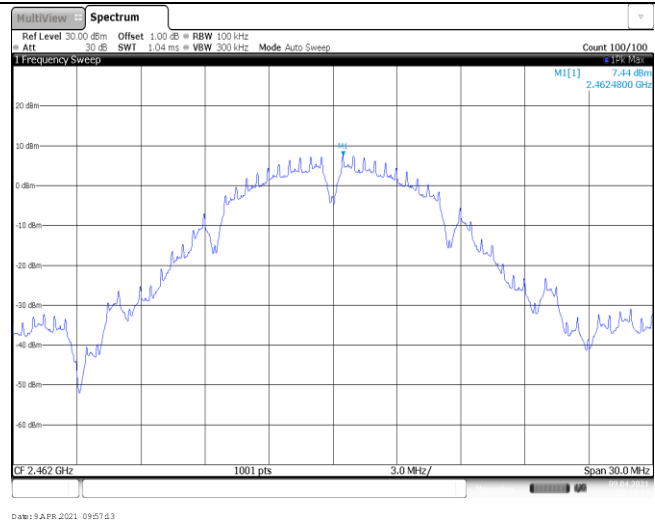
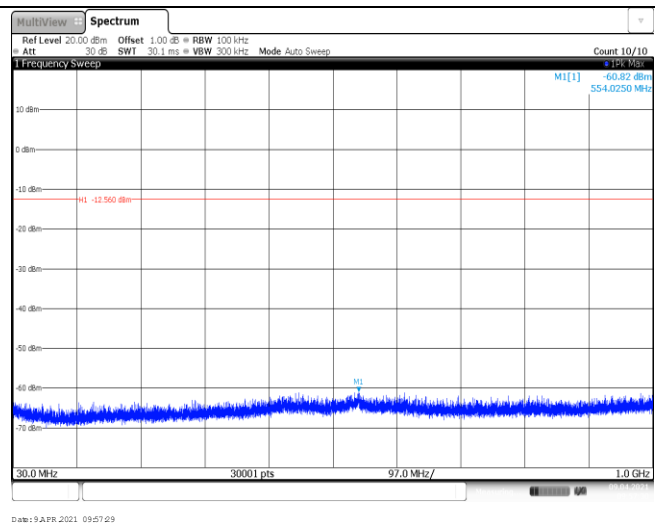
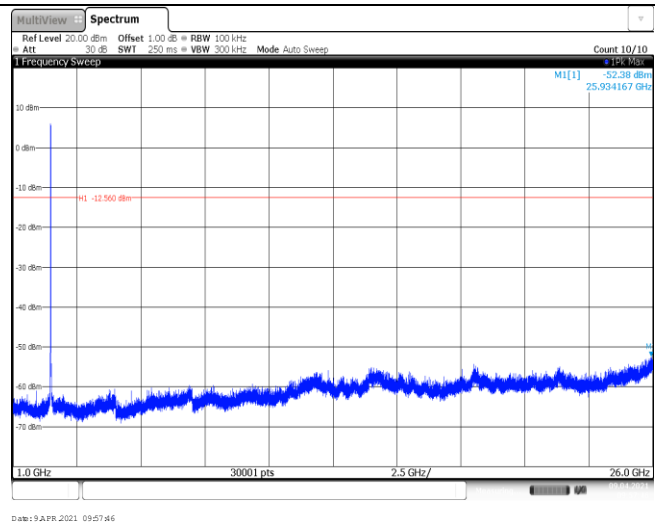
| Test Item: | Bandedge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 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 SWT 1.12 ms VBW 300 kHz Mode Auto Sweep Count 300/300</div><div>1 Frequency Sweep</div><div></div><div>2.31 GHz 1001 pts 11.2 MHz/ 2.422 GHz</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>2.41288 GHz</td><td>6.42 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-42.59 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-56.79 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-64.80 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.39848 GHz</td><td>-31.81 dBm</td><td></td><td></td></tr></table><div>Date: 9 APR 2021 09:56:02</div></div> |       |              | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.41288 GHz | 6.42 dBm |  |  | M2 | 1 |  | 2.4 GHz    | -42.59 dBm |  |  | M3 | 1 |  | 2.39 GHz | -56.79 dBm |  |  | M4 | 1 |  | 2.31 GHz     | -64.80 dBm |  |  | M5 | 1 |  | 2.39848 GHz | -31.81 dBm |  |  |
| Type       | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Trc   | X-Value      | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |             |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |             |            |  |  |
| M1         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       | 2.41288 GHz  | 6.42 dBm   |          |                 |         |         |          |                 |    |   |  |             |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |             |            |  |  |
| M2         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       | 2.4 GHz      | -42.59 dBm |          |                 |         |         |          |                 |    |   |  |             |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |             |            |  |  |
| M3         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       | 2.39 GHz     | -56.79 dBm |          |                 |         |         |          |                 |    |   |  |             |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |             |            |  |  |
| M4         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       | 2.31 GHz     | -64.80 dBm |          |                 |         |         |          |                 |    |   |  |             |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |             |            |  |  |
| M5         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       | 2.39848 GHz  | -31.81 dBm |          |                 |         |         |          |                 |    |   |  |             |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |             |            |  |  |
| CH11       | <div><div>MultiViewSpectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWT 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300</div><div>1 Frequency Sweep</div><div></div><div>2.452 GHz 1001 pts 4.8 MHz/ 2.5 GHz</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>2.46243 GHz</td><td>7.44 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-50.04 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-61.07 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483536 GHz</td><td>-53.04 dBm</td><td></td><td></td></tr></table><div>Date: 9 APR 2021 09:17:07</div></div>                                                                                            |       |              | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.46243 GHz | 7.44 dBm |  |  | M2 | 1 |  | 2.4835 GHz | -50.04 dBm |  |  | M3 | 1 |  | 2.5 GHz  | -61.07 dBm |  |  | M4 | 1 |  | 2.483536 GHz | -53.04 dBm |  |  |    |   |  |             |            |  |  |
| Type       | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Trc   | X-Value      | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |             |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |             |            |  |  |
| M1         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       | 2.46243 GHz  | 7.44 dBm   |          |                 |         |         |          |                 |    |   |  |             |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |             |            |  |  |
| M2         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       | 2.4835 GHz   | -50.04 dBm |          |                 |         |         |          |                 |    |   |  |             |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |             |            |  |  |
| M3         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       | 2.5 GHz      | -61.07 dBm |          |                 |         |         |          |                 |    |   |  |             |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |             |            |  |  |
| M4         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       | 2.483536 GHz | -53.04 dBm |          |                 |         |         |          |                 |    |   |  |             |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |             |            |  |  |

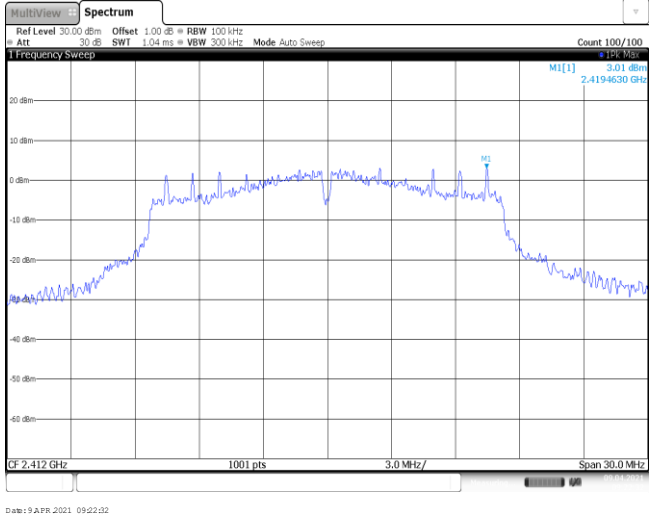
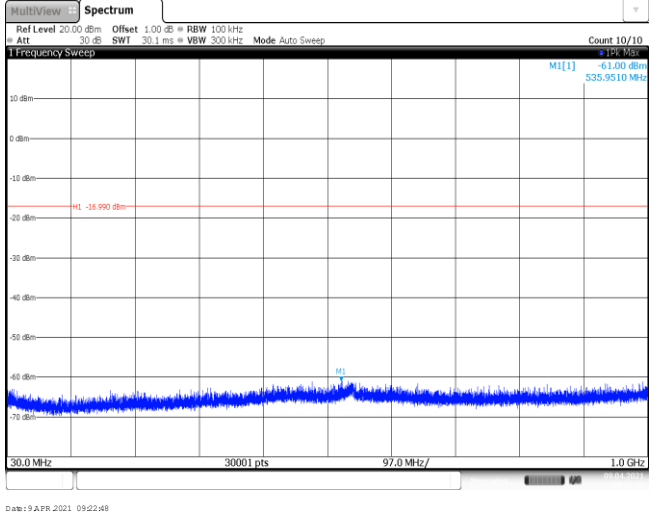
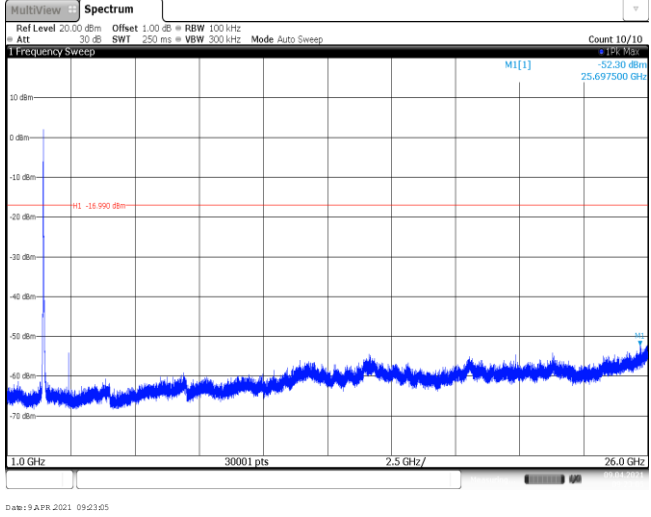
| Test Item: | Bandedge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 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 GHz 1001 pts 11.2 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>2.41937 GHz</td><td>-2.82 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-27.86 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-37.28 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.47 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399488 GHz</td><td>-26.25 dBm</td><td></td><td></td></tr></table></div> <div>Date: 9 APR 2021 09:22:26</div> |       |              | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.41937 GHz  | -2.82 dBm |  |  | M2 | 1 |  | 2.4 GHz    | -27.86 dBm |  |  | M3 | 1 |  | 2.39 GHz | -37.28 dBm |  |  | M4 | 1 |  | 2.31 GHz     | -63.47 dBm |  |  | M5 | 1 |  | 2.399488 GHz | -26.25 dBm |  |  |
| Type       | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Trc   | X-Value      | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M1         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       | 2.41937 GHz  | -2.82 dBm  |          |                 |         |         |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M2         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       | 2.4 GHz      | -27.86 dBm |          |                 |         |         |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M3         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       | 2.39 GHz     | -37.28 dBm |          |                 |         |         |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M4         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       | 2.31 GHz     | -63.47 dBm |          |                 |         |         |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M5         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       | 2.399488 GHz | -26.25 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 GHz 1001 pts 4.8 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>2.464444 GHz</td><td>4.37 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-35.84 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-53.56 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483824 GHz</td><td>-35.20 dBm</td><td></td><td></td></tr></table></div> <div>Date: 9 APR 2021 09:28:01</div>                                                                                             |       |              | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.464444 GHz | 4.37 dBm  |  |  | M2 | 1 |  | 2.4835 GHz | -35.84 dBm |  |  | M3 | 1 |  | 2.5 GHz  | -53.56 dBm |  |  | M4 | 1 |  | 2.483824 GHz | -35.20 dBm |  |  |    |   |  |              |            |  |  |
| Type       | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Trc   | X-Value      | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M1         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       | 2.464444 GHz | 4.37 dBm   |          |                 |         |         |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M2         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       | 2.4835 GHz   | -35.84 dBm |          |                 |         |         |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M3         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       | 2.5 GHz      | -53.56 dBm |          |                 |         |         |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M4         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       | 2.483824 GHz | -35.20 dBm |          |                 |         |         |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |

| Test Item: | Bandedge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Type: | 802.11 n(HT20) |            |          |                 |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |  |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------|------------|----------|-----------------|----------|-----------------|----|---|--|--------------|----------|--|--|----|---|--|------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|--------------|------------|--|--|--|
| 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 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>2.41445 GHz</td><td>4.12 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-21.25 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-35.13 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-62.76 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399488 GHz</td><td>-23.27 dBm</td><td></td><td></td></tr></table><div>Date: 9 APR 2021 09:31:12</div></div> | Type  | Ref            | Trc        | X-Value  | Y-Value         | Function | Function Result | M1 | 1 |  | 2.41445 GHz  | 4.12 dBm |  |  | M2 | 1 |  | 2.4 GHz    | -21.25 dBm |  |  | M3 | 1 |  | 2.39 GHz | -35.13 dBm |  |  | M4 | 1 |  | 2.31 GHz     | -62.76 dBm |  |  | M5 | 1 |  | 2.399488 GHz | -23.27 dBm |  |  |  |
| Type       | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Trc   | X-Value        | Y-Value    | Function | Function Result |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |  |
| M1         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       | 2.41445 GHz    | 4.12 dBm   |          |                 |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |  |
| M2         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       | 2.4 GHz        | -21.25 dBm |          |                 |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |  |
| M3         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       | 2.39 GHz       | -35.13 dBm |          |                 |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |  |
| M4         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       | 2.31 GHz       | -62.76 dBm |          |                 |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |  |
| M5         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       | 2.399488 GHz   | -23.27 dBm |          |                 |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |  |
| CH11       | <div><div>MultiViewSpectrum</div><div>Ref Level 25.00 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 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>2.464444 GHz</td><td>5.28 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-31.65 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-50.93 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483872 GHz</td><td>-31.50 dBm</td><td></td><td></td></tr></table><div>Date: 9 APR 2021 15:07:05</div></div>                                                                                          | Type  | Ref            | Trc        | X-Value  | Y-Value         | Function | Function Result | M1 | 1 |  | 2.464444 GHz | 5.28 dBm |  |  | M2 | 1 |  | 2.4835 GHz | -31.65 dBm |  |  | M3 | 1 |  | 2.5 GHz  | -50.93 dBm |  |  | M4 | 1 |  | 2.483872 GHz | -31.50 dBm |  |  |    |   |  |              |            |  |  |  |
| Type       | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Trc   | X-Value        | Y-Value    | Function | Function Result |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |  |
| M1         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       | 2.464444 GHz   | 5.28 dBm   |          |                 |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |  |
| M2         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       | 2.4835 GHz     | -31.65 dBm |          |                 |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |  |
| M3         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       | 2.5 GHz        | -50.93 dBm |          |                 |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |  |
| M4         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       | 2.483872 GHz   | -31.50 dBm |          |                 |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |  |

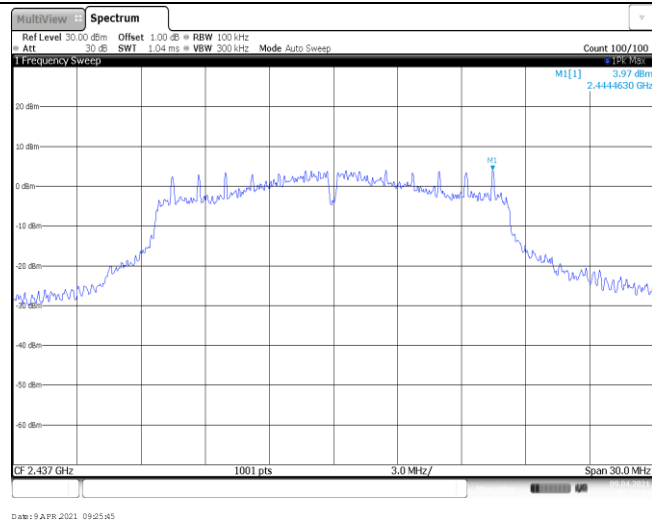
| Test Item:              | SE | Type:                                                                                                                                                                                                                                                                                                   | 802.11 b |
|-------------------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| CH01<br>Reference level |    |  <p>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep<br/>Count 100/100<br/>MI[1] 6.60 dBm<br/>2.412590 GHz<br/>Date: 9 APR 2021 09:12:20</p>                      |          |
| CH01<br>30MHz~1000MHz   |    |  <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep<br/>Count 10/10<br/>MI[1] -60.69 dBm<br/>548.5930 MHz<br/>MI -13.400 dBm<br/>Date: 9 APR 2021 09:12:36</p>  |          |
| CH01<br>1GHz~26GHz      |    |  <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep<br/>Count 10/10<br/>MI[1] -52.79 dBm<br/>25.992500 GHz<br/>MI -13.400 dBm<br/>Date: 9 APR 2021 09:12:56</p> |          |

|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CH06<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] 7.29 dBm<br/>2.437950 GHz<br/>CF 2.437 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz<br/>Date: 9 APR 2021 09:14:66</p>             |
| CH06<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] -60.36 dBm<br/>550.7270 MHz<br/>H1 -12.710 dBm<br/>30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz<br/>Date: 9 APR 2021 09:15:02</p> |
| CH06<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 9/10<br/>MI[1] -52.24 dBm<br/>25.995833 GHz<br/>H1 -12.710 dBm<br/>1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz<br/>Date: 9 APR 2021 09:15:06</p>  |

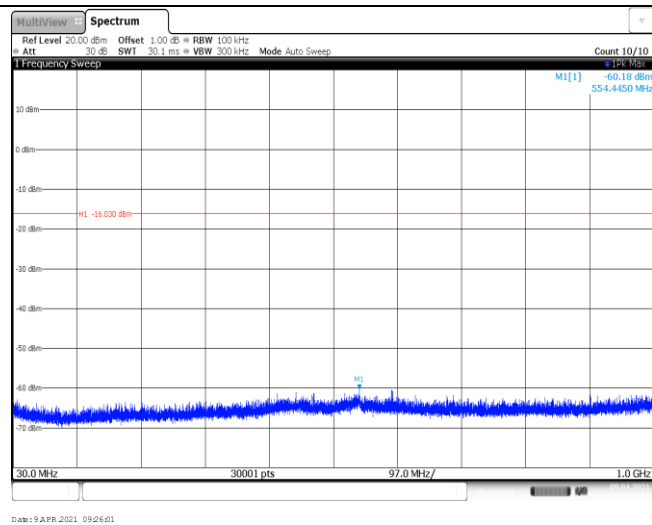
CH11  
Reference levelCH11  
30MHz~1000MHzCH11  
1GHz~26GHz

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

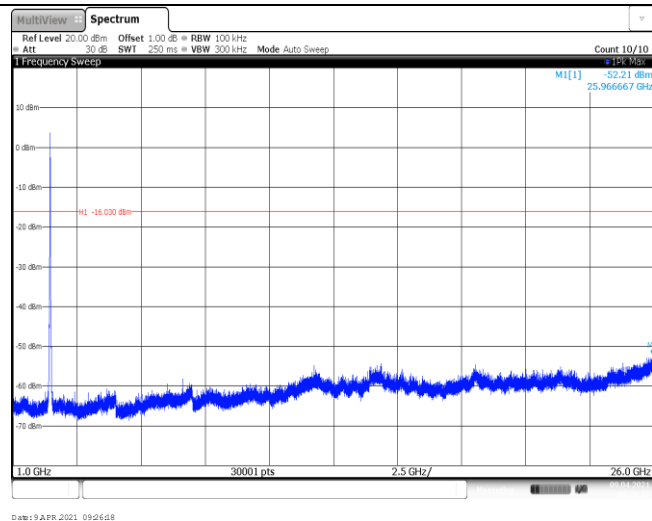
CH06  
Reference level



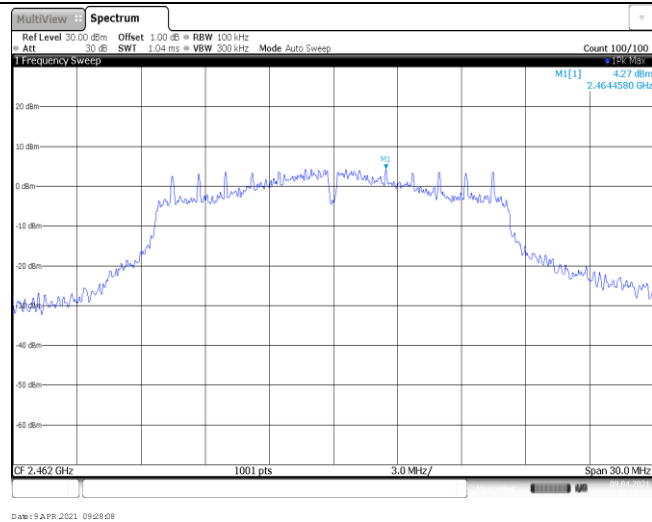
CH06  
30MHz~1000MHz



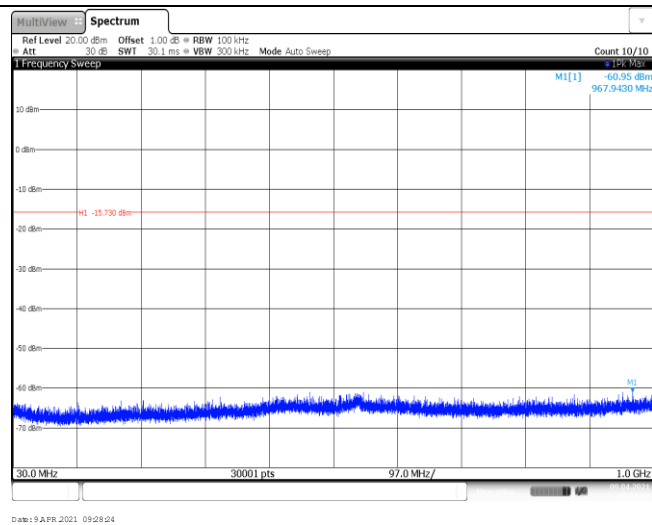
CH06  
1GHz~26GHz



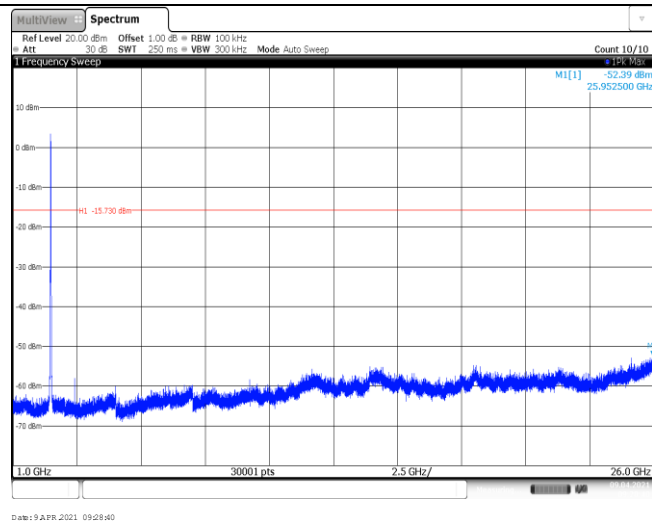
CH11  
Reference level

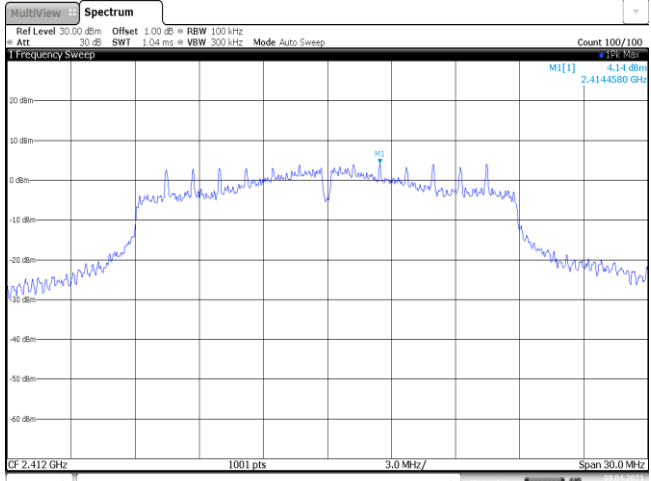
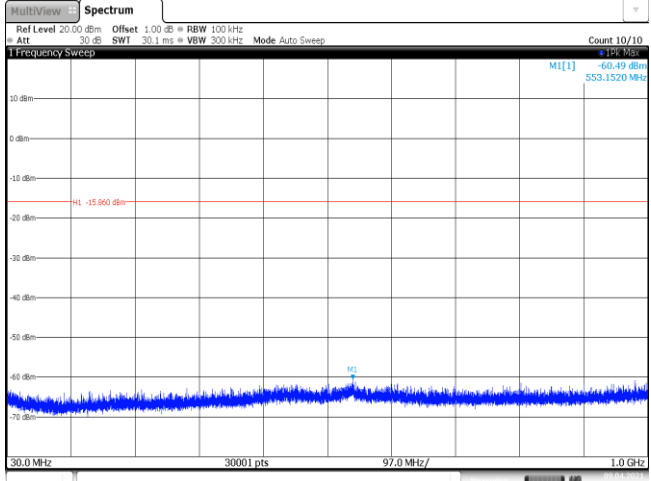
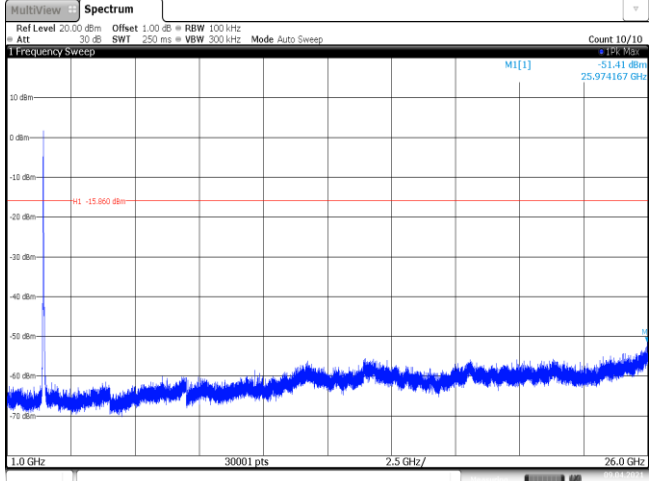


CH11  
30MHz~1000MHz

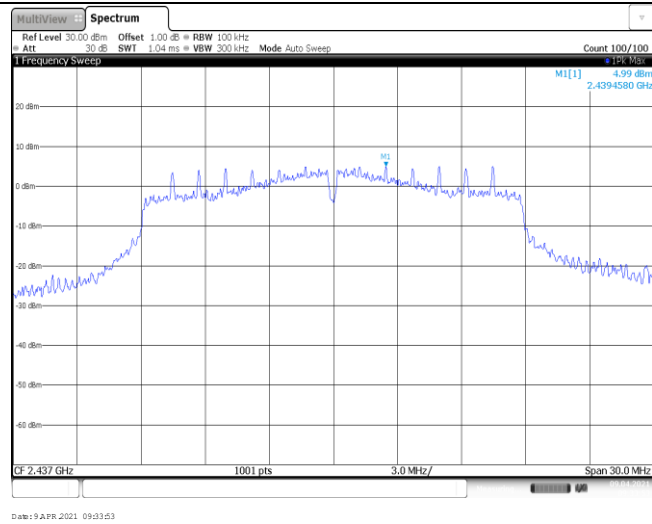


CH11  
1GHz~26GHz

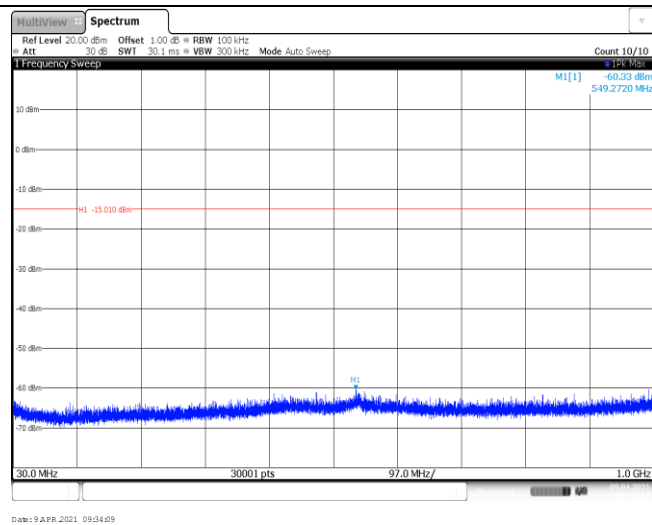


| Test Item:              | SE | Type:                                                                                                                                                                                                                                                                                                                                                                                                                                    | 802.11 n(HT20) |
|-------------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 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] 4.14 dBm<br/>2.414580 GHz<br/>20 dBm<br/>10 dBm<br/>0 dBm<br/>-10 dBm<br/>-20 dBm<br/>-30 dBm<br/>-40 dBm<br/>-50 dBm<br/>-60 dBm<br/>2.412 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz<br/>Date: 9 APR 2021 09:31:19</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] -60.49 dBm<br/>553.1520 MHz<br/>20 dBm<br/>10 dBm<br/>0 dBm<br/>-10 dBm<br/>-20 dBm<br/>-30 dBm<br/>-40 dBm<br/>-50 dBm<br/>-60 dBm<br/>30.0 MHz 30001 pts 97.0 MHz/ Span 1.0 GHz<br/>Date: 9 APR 2021 09:31:04</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] -51.41 dBm<br/>25.974167 GHz<br/>20 dBm<br/>10 dBm<br/>0 dBm<br/>-10 dBm<br/>-20 dBm<br/>-30 dBm<br/>-40 dBm<br/>-50 dBm<br/>-60 dBm<br/>1.0 GHz 30001 pts 2.5 GHz/ Span 26.0 GHz<br/>Date: 9 APR 2021 09:31:58</p> |                |

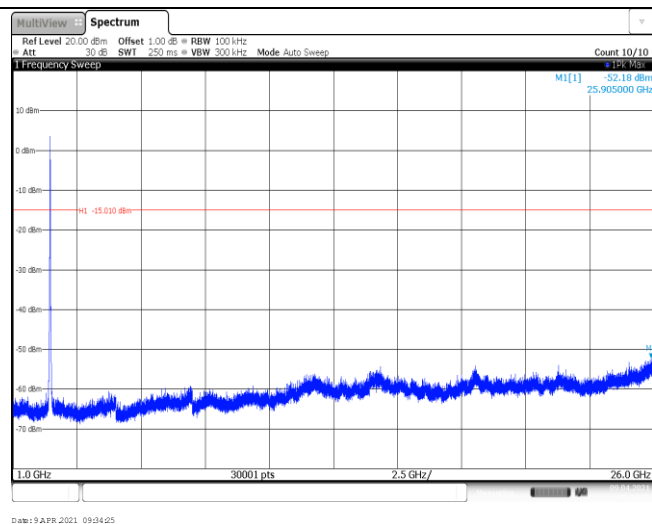
CH06  
Reference level

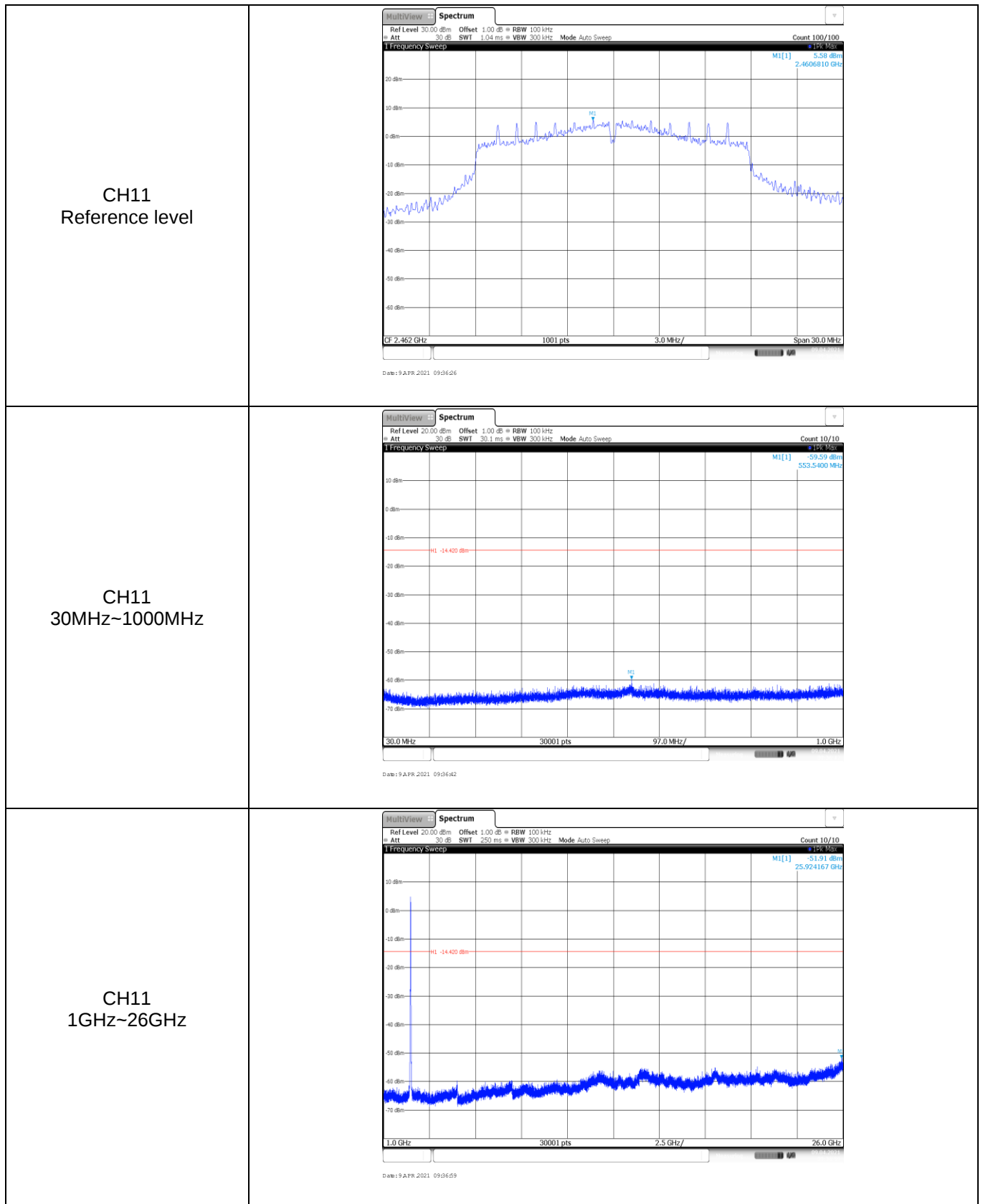


CH06  
30MHz~1000MHz



CH06  
1GHz~26GHz





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