

# APPENDIX REPORT

|                 |                 |                     |                    |
|-----------------|-----------------|---------------------|--------------------|
| Project No.     | SHT2308026201EW | Radio Specification | Bluetooth BLE      |
| Test sample No. | YPHT23080262002 | Model No.           | Morph 2-in-1 eBike |
| Start test date | 2023-08-21      | Finish date         | 2023-08-21         |
| Temperature     | 25.2℃           | Humidity            | 68%                |
| Test Engineer   | Kongyongshu     | Auditor             | Xiaodong Zheo      |

| Appendix clause | Test item                                    | Result |
|-----------------|----------------------------------------------|--------|
| A               | 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: Peak Output Power**

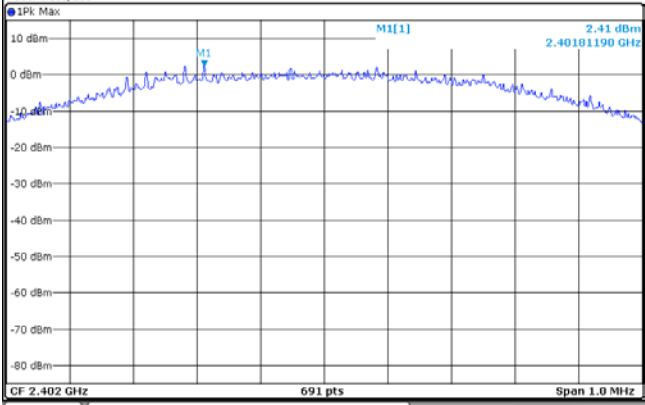
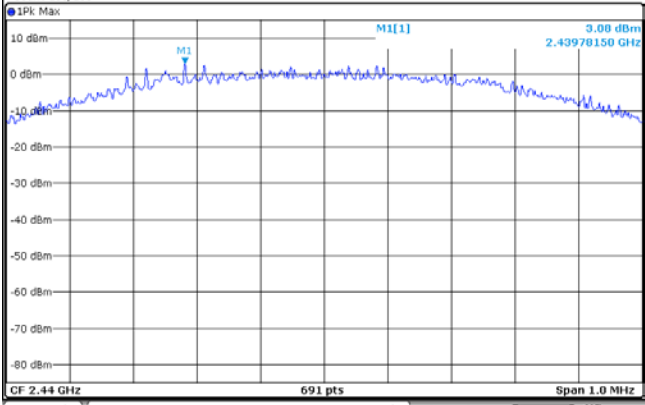
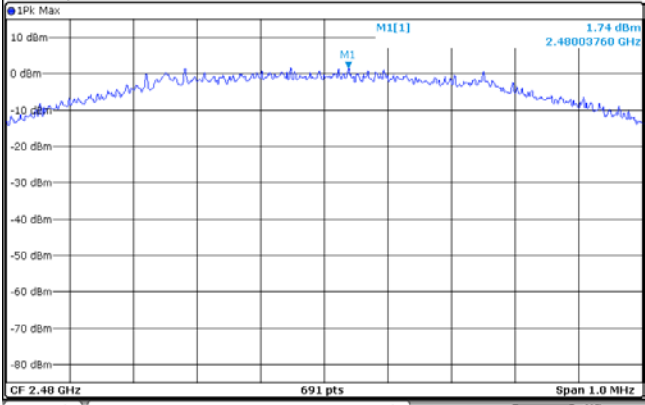
| Test rate | Channel | Peak Output power (dBm) | Average Output power (dBm) | Limit (dBm)  | Result |
|-----------|---------|-------------------------|----------------------------|--------------|--------|
| 1Mbps     | 00      | 10.86                   | 10.52                      | $\leq 30.00$ | Pass   |
|           | 19      | 10.91                   | 10.63                      |              |        |
|           | 39      | 10.41                   | 10.32                      |              |        |
| 2Mbps     | 00      | 10.87                   | 10.75                      | $\leq 30.00$ | Pass   |
|           | 19      | 10.91                   | 10.82                      |              |        |
|           | 39      | 10.43                   | 10.36                      |              |        |

| Test rate: |                                                                                                                                                                                                                                                                                                                                                                                               | 1Mbps |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| CH00       | <p>           Spectrum<br/>           Ref Level 15.00 dBm    Offset 1.00 dB    RBW 2 MHz<br/>           Att 25 dB    SWT 1 ms    VBW 5 MHz    Mode Auto Sweep<br/>           Count 500/500<br/>           1Pk View<br/>           MI[1] 10.86 dBm<br/>           2.40174670 GHz<br/>           CF 2.402 GHz    691 pts    Span 5.0 MHz<br/>           Date: 21 AUG 2023 15:08:49         </p> |       |
| CH19       | <p>           Spectrum<br/>           Ref Level 15.00 dBm    Offset 1.00 dB    RBW 2 MHz<br/>           Att 25 dB    SWT 1 ms    VBW 5 MHz    Mode Auto Sweep<br/>           Count 500/500<br/>           1Pk View<br/>           MI[1] 10.91 dBm<br/>           2.43978290 GHz<br/>           CF 2.44 GHz    691 pts    Span 5.0 MHz<br/>           Date: 21 AUG 2023 15:11:48         </p>  |       |
| CH39       | <p>           Spectrum<br/>           Ref Level 15.00 dBm    Offset 1.00 dB    RBW 2 MHz<br/>           Att 25 dB    SWT 1 ms    VBW 5 MHz    Mode Auto Sweep<br/>           Count 500/500<br/>           1Pk View<br/>           MI[1] 10.41 dBm<br/>           2.47978290 GHz<br/>           CF 2.40 GHz    691 pts    Span 5.0 MHz<br/>           Date: 21 AUG 2023 15:13:27         </p>  |       |

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**Appendix B: Power Spectral Density**

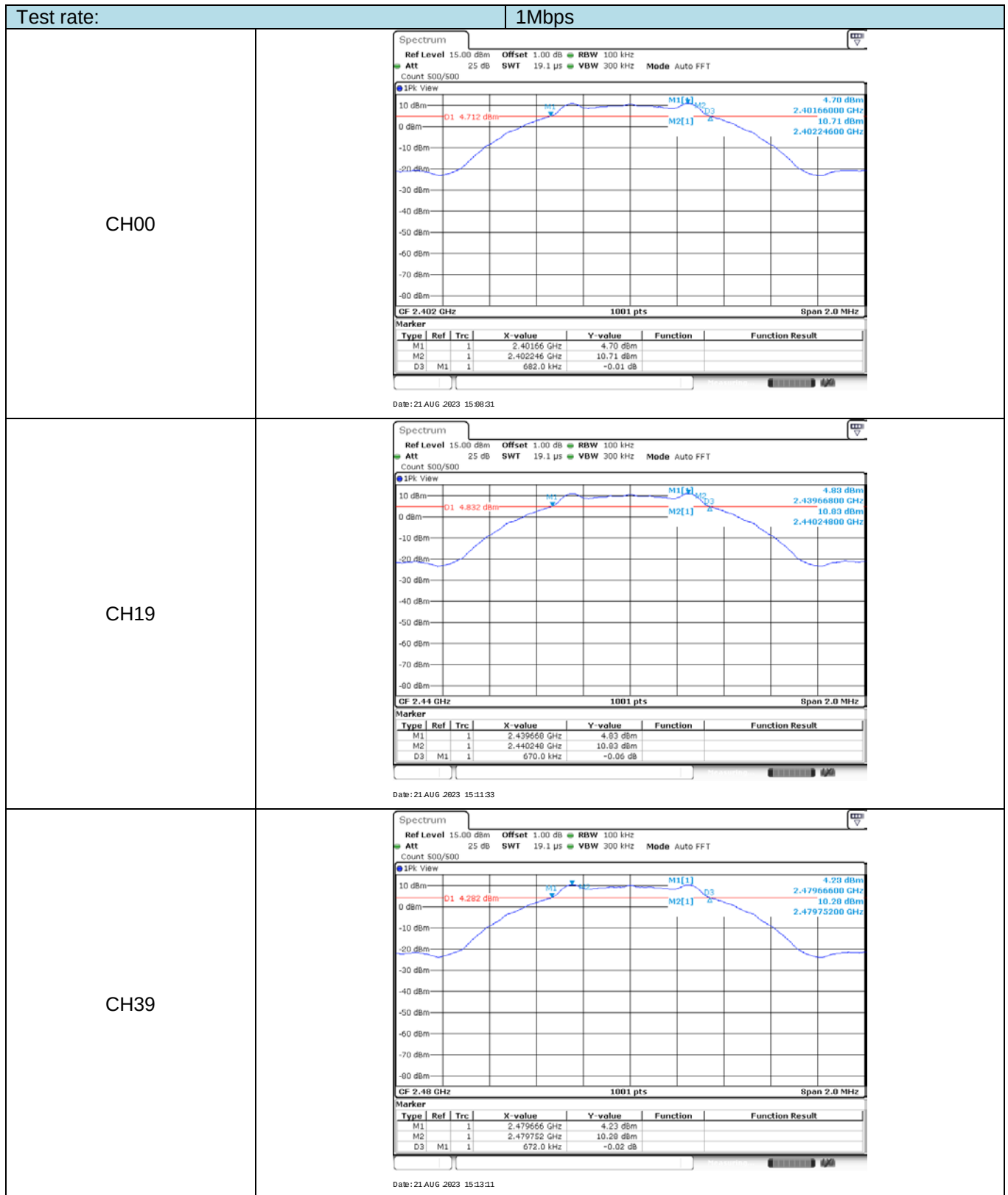
| Test rate | Channel | Power Spectral Density(dBm/3KHz) | Limit (dBm/3KHz) | Result |
|-----------|---------|----------------------------------|------------------|--------|
| 1Mbps     | 00      | 2.41                             | ≤8.00            | Pass   |
|           | 19      | 3.08                             |                  |        |
|           | 39      | 1.74                             |                  |        |
| 2Mbps     | 00      | -0.75                            | ≤8.00            | Pass   |
|           | 19      | -0.74                            |                  |        |
|           | 39      | -1.09                            |                  |        |

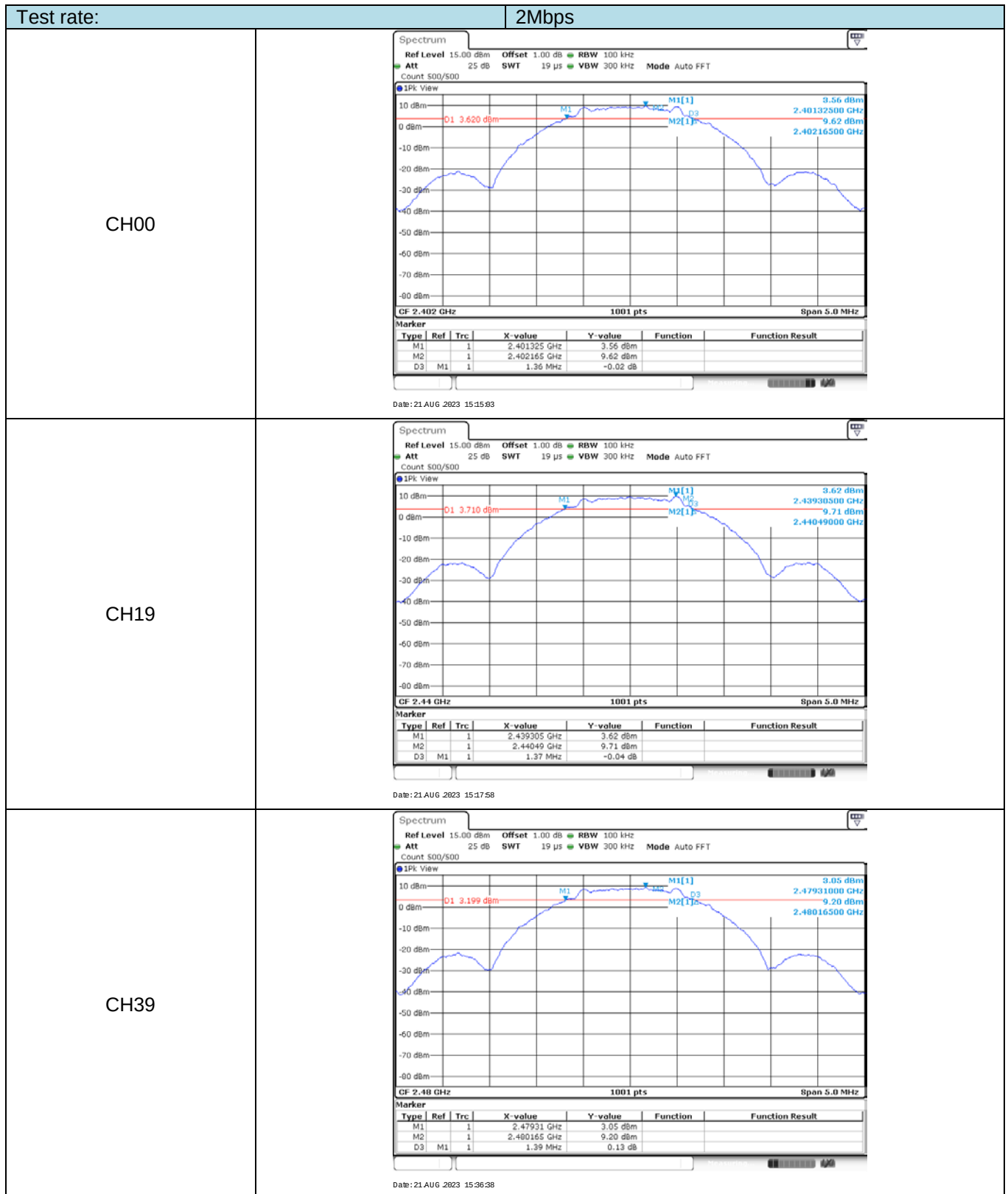
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| Test rate: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1Mbps |
| CH00       | <div><div><div>Spectrum</div><div><div>Ref Level 15.00 dBm</div><div>Att 25 dB</div><div>Count 100/100</div></div><div><div>Offset 1.00 dB</div><div>SWT 632.3 <math>\mu</math>s</div><div>RBW 3 kHz</div><div>VBW 10 kHz</div><div>Mode Auto FFT</div></div></div><div><div><div>IPk Max</div><div>M1</div><div>M1[1]</div><div>2.41 dBm</div><div>2.40101190 GHz</div></div><div>CF 2.402 GHz691 ptsSpan 1.0 MHz</div></div><div>Date:21 AUG 2023 15:99:04</div></div>  |       |
| CH19       | <div><div><div>Spectrum</div><div><div>Ref Level 15.00 dBm</div><div>Att 25 dB</div><div>Count 100/100</div></div><div><div>Offset 1.00 dB</div><div>SWT 632.3 <math>\mu</math>s</div><div>RBW 3 kHz</div><div>VBW 10 kHz</div><div>Mode Auto FFT</div></div></div><div><div><div>IPk Max</div><div>M1</div><div>M1[1]</div><div>3.08 dBm</div><div>2.43970150 GHz</div></div><div>CF 2.44 GHz691 ptsSpan 1.0 MHz</div></div><div>Date:21 AUG 2023 15:12:02</div></div>  |       |
| CH39       | <div><div><div>Spectrum</div><div><div>Ref Level 15.00 dBm</div><div>Att 25 dB</div><div>Count 100/100</div></div><div><div>Offset 1.00 dB</div><div>SWT 632.3 <math>\mu</math>s</div><div>RBW 3 kHz</div><div>VBW 10 kHz</div><div>Mode Auto FFT</div></div></div><div><div><div>IPk Max</div><div>M1</div><div>M1[1]</div><div>1.74 dBm</div><div>2.48003760 GHz</div></div><div>CF 2.48 GHz691 ptsSpan 1.0 MHz</div></div><div>Date:21 AUG 2023 15:13:41</div></div> |       |

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**Appendix C: 6dB bandwidth**

| Type  | Channel | 6dB Bandwidth(kHz) | Limit (kHz) | Result |
|-------|---------|--------------------|-------------|--------|
| 1Mbps | 00      | 682.00             | ≥500        | Pass   |
|       | 19      | 670.00             |             |        |
|       | 39      | 672.00             |             |        |
| 2Mbps | 00      | 1360.00            | ≥500        | Pass   |
|       | 19      | 1370.00            |             |        |
|       | 39      | 1390.00            |             |        |



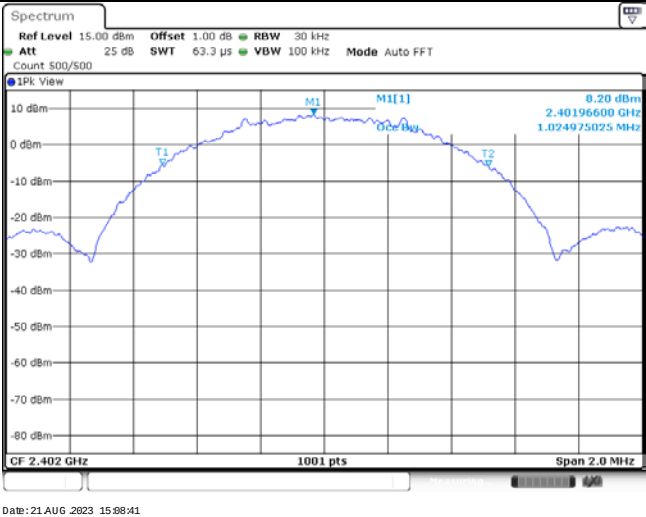


**Appendix D: 99% Occupied Bandwidth**

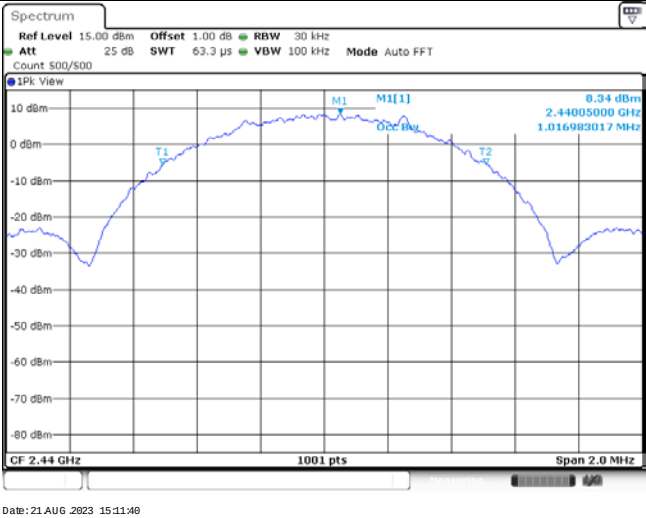
| Test rate | Channel | 99% Occupied Bandwidth(MHz) | Limit (kHz) | Result |
|-----------|---------|-----------------------------|-------------|--------|
| 1Mbps     | 00      | 1.02                        | -           | Pass   |
|           | 19      | 1.02                        |             |        |
|           | 39      | 1.02                        |             |        |
| 2Mbps     | 00      | 2.04                        | -           | Pass   |
|           | 19      | 2.04                        |             |        |
|           | 39      | 2.03                        |             |        |

Test rate: 1Mbps

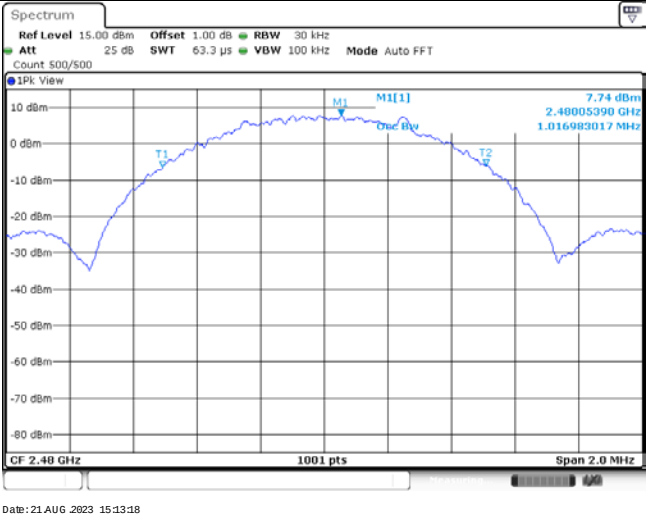
CH00



CH19

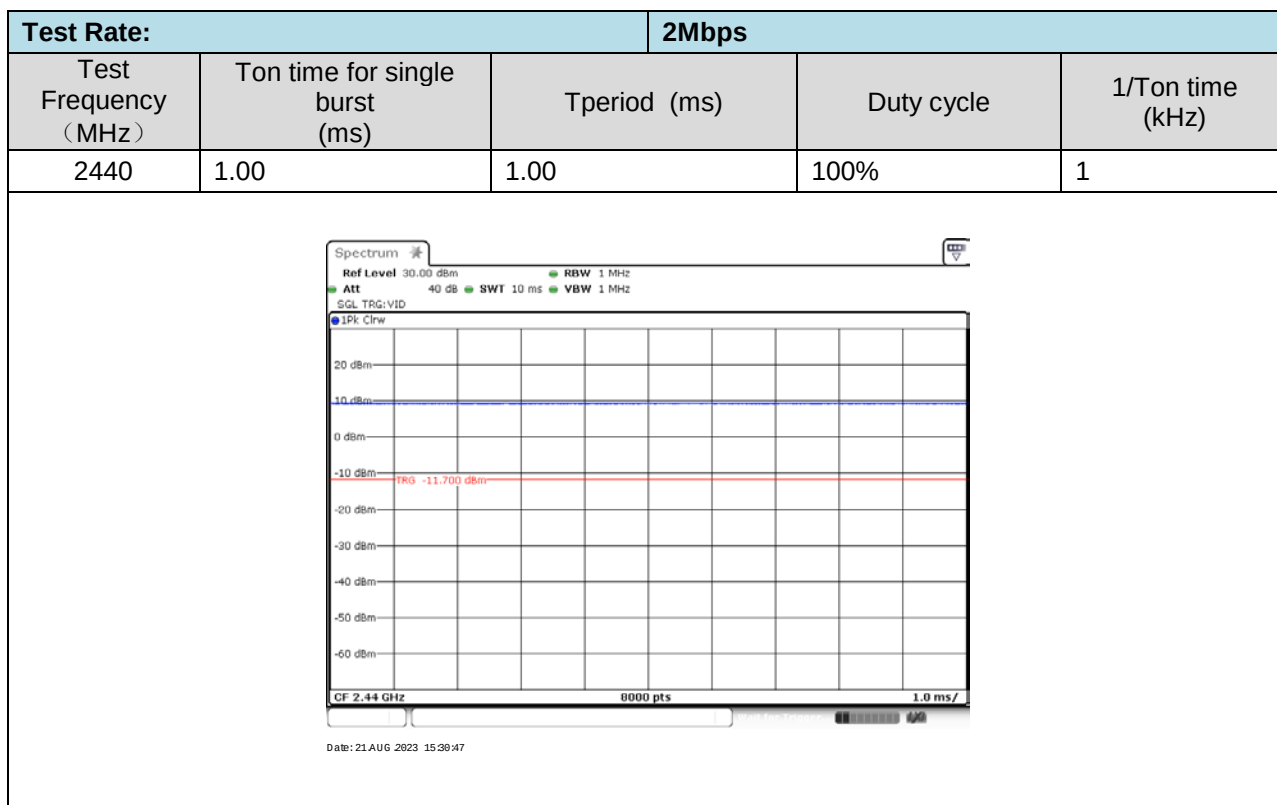
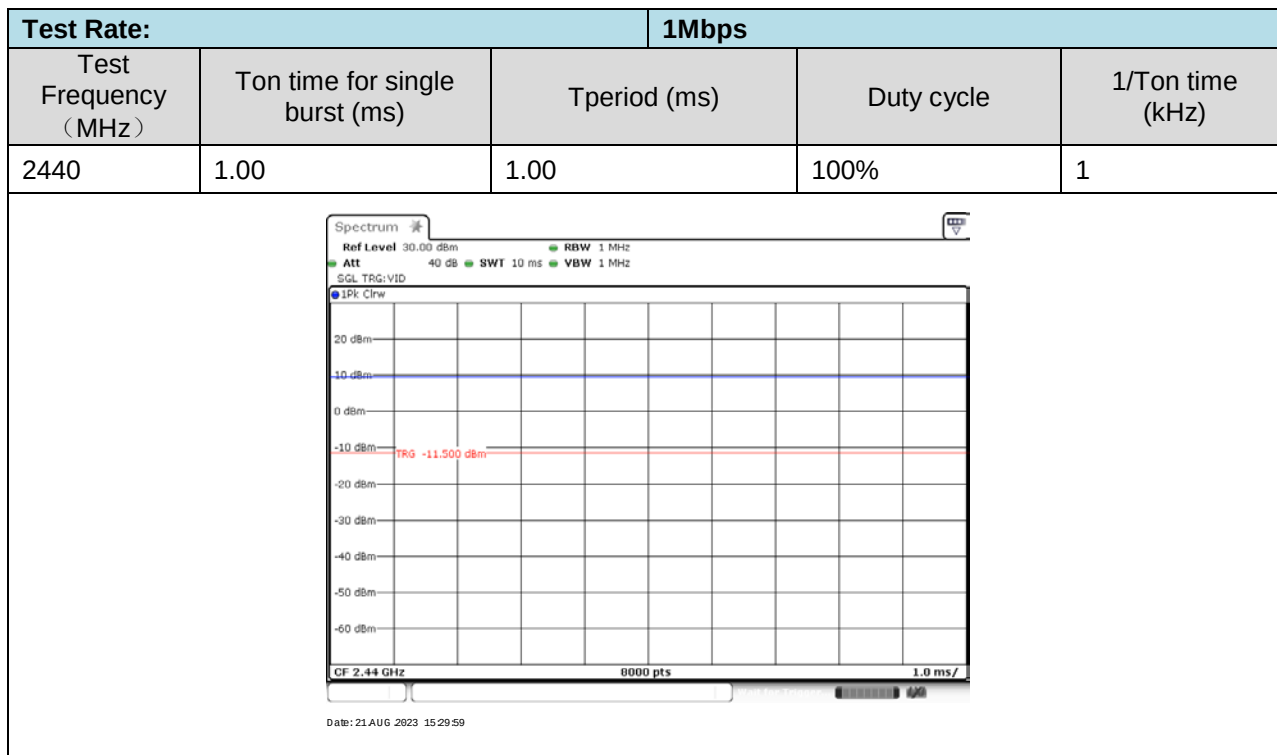


CH39

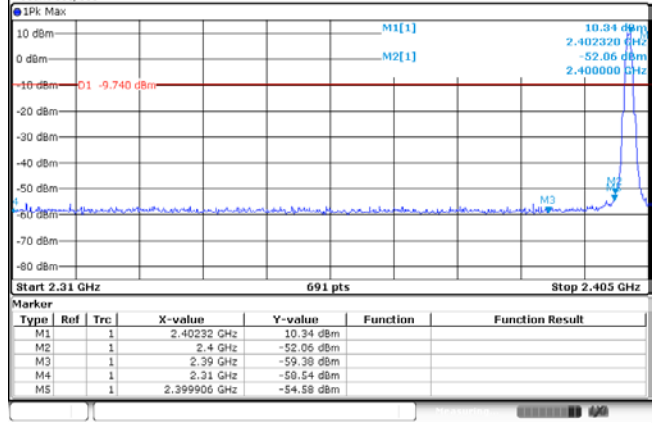
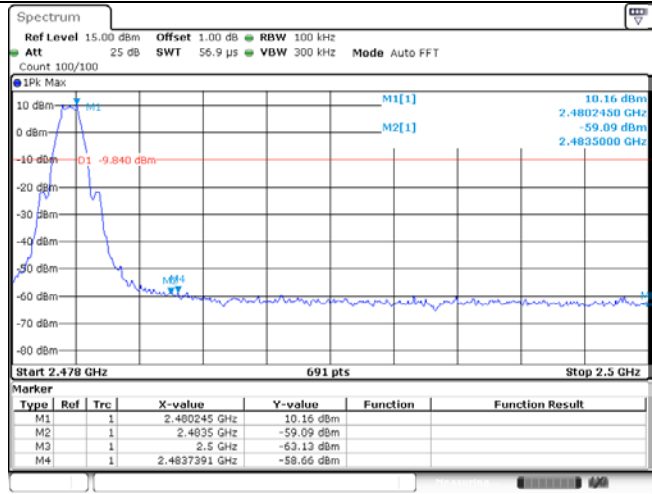


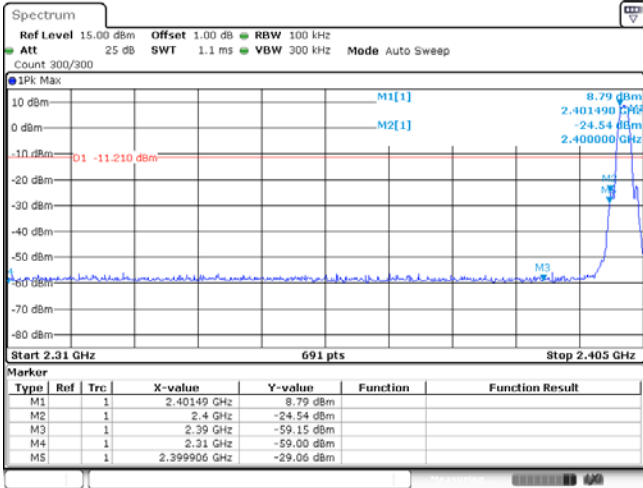
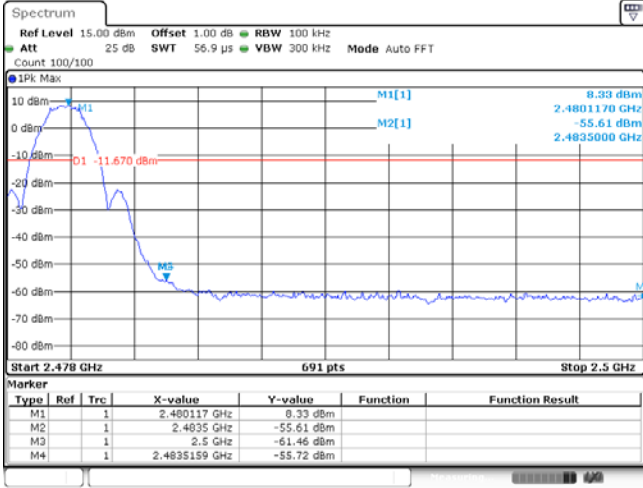
| Test rate: |                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2Mbps |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| CH00       | <p> <b>Spectrum</b><br/> <b>Ref Level</b> 15.00 dBm <b>Offset</b> 1.00 dB <b>RBW</b> 30 kHz<br/> <b>Att</b> 25 dB <b>SWT</b> 63.2 <math>\mu</math>s <b>VBW</b> 100 kHz <b>Mode</b> Auto FFT<br/> <b>Count</b> 500/500<br/> <b>1Pk View</b><br/> <b>MI[1]</b> 6.90 dBm<br/> <b>2.40186510 GHz</b><br/> <b>2.037962038 MHz</b><br/> <b>CF 2.402 GHz</b> <b>1001 pts</b> <b>Span 5.0 MHz</b><br/> <b>Date:</b> 21 AUG 2023 15:15:10         </p> |       |
| CH19       | <p> <b>Spectrum</b><br/> <b>Ref Level</b> 15.00 dBm <b>Offset</b> 1.00 dB <b>RBW</b> 30 kHz<br/> <b>Att</b> 25 dB <b>SWT</b> 63.2 <math>\mu</math>s <b>VBW</b> 100 kHz <b>Mode</b> Auto FFT<br/> <b>Count</b> 500/500<br/> <b>1Pk View</b><br/> <b>MI[1]</b> 7.45 dBm<br/> <b>2.44001500 GHz</b><br/> <b>2.042957043 MHz</b><br/> <b>CF 2.44 GHz</b> <b>1001 pts</b> <b>Span 5.0 MHz</b><br/> <b>Date:</b> 21 AUG 2023 15:18:95         </p>  |       |
| CH39       | <p> <b>Spectrum</b><br/> <b>Ref Level</b> 15.00 dBm <b>Offset</b> 1.00 dB <b>RBW</b> 30 kHz<br/> <b>Att</b> 25 dB <b>SWT</b> 63.2 <math>\mu</math>s <b>VBW</b> 100 kHz <b>Mode</b> Auto FFT<br/> <b>Count</b> 500/500<br/> <b>1Pk View</b><br/> <b>MI[1]</b> 6.62 dBm<br/> <b>2.47998500 GHz</b><br/> <b>2.037967033 MHz</b><br/> <b>CF 2.40 GHz</b> <b>1001 pts</b> <b>Span 5.0 MHz</b><br/> <b>Date:</b> 21 AUG 2023 15:26:98         </p>  |       |

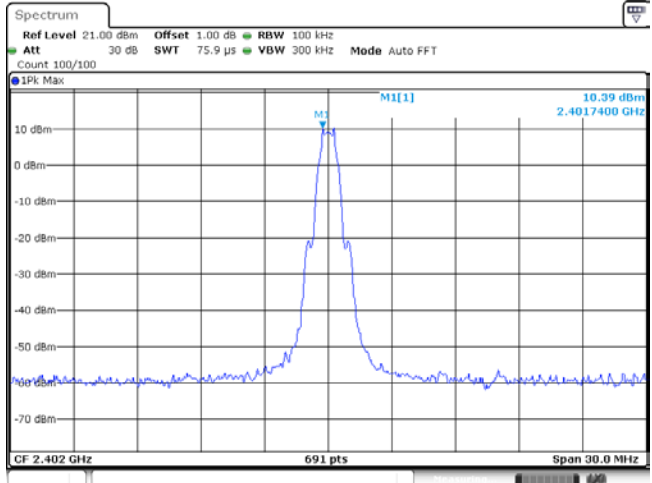
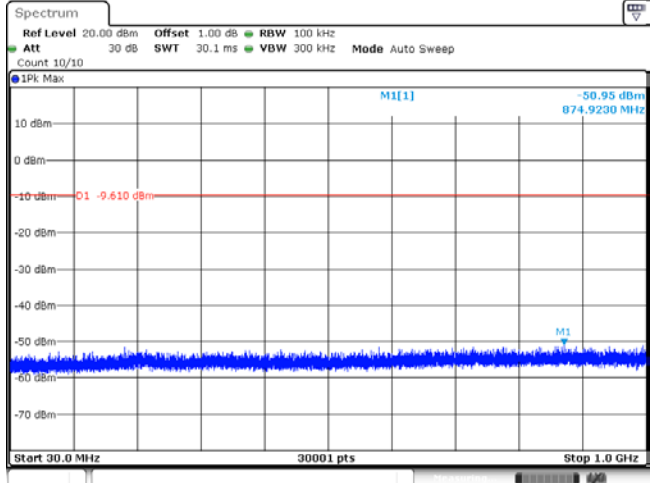
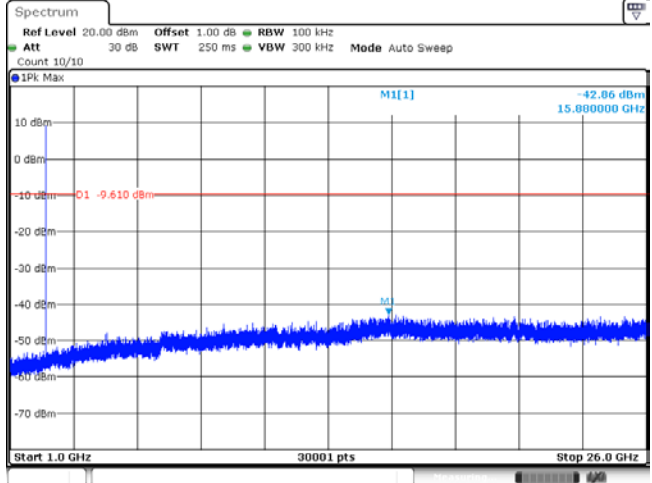
## Appendix E: Duty cycle



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

| Test Item: | Band edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Test Rate: | 1Mbps         |            |          |                 |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------|------------|----------|-----------------|----------|-----------------|----|---|--|--------------|-----------|--|--|----|---|--|------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|---------------|------------|--|--|----|---|--|--------------|------------|--|--|--|
| CH00       | <div><p>Spectrum</p><p>Ref Level 15.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 25 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep<br/>Count 300/300</p><p>1Pk Max</p><p>10.34 dBm<br/>2.402320 GHz<br/>-52.06 dBm<br/>2.400000 GHz</p><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>2.40232 GHz</td><td>10.34 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-52.06 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-59.30 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-50.54 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399900 GHz</td><td>-54.58 dBm</td><td></td><td></td></tr></table><p>Date: 21 AUG 2023 15:59:13</p></div> | Type       | Ref           | Trc        | X-value  | Y-value         | Function | Function Result | M1 | 1 |  | 2.40232 GHz  | 10.34 dBm |  |  | M2 | 1 |  | 2.4 GHz    | -52.06 dBm |  |  | M3 | 1 |  | 2.39 GHz | -59.30 dBm |  |  | M4 | 1 |  | 2.31 GHz      | -50.54 dBm |  |  | M5 | 1 |  | 2.399900 GHz | -54.58 dBm |  |  |  |
| Type       | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Trc        | X-value       | Y-value    | Function | Function Result |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |
| M1         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | 2.40232 GHz   | 10.34 dBm  |          |                 |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |
| M2         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | 2.4 GHz       | -52.06 dBm |          |                 |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |
| M3         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | 2.39 GHz      | -59.30 dBm |          |                 |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |
| M4         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | 2.31 GHz      | -50.54 dBm |          |                 |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |
| M5         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | 2.399900 GHz  | -54.58 dBm |          |                 |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |
| CH39       | <div><p>Spectrum</p><p>Ref Level 15.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 25 dB SWT 56.9 μs VBW 300 kHz Mode Auto FFT<br/>Count 100/100</p><p>1Pk Max</p><p>10.16 dBm<br/>2.4802450 GHz<br/>-59.09 dBm<br/>2.4835000 GHz</p><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>2.480245 GHz</td><td>10.16 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-59.09 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-63.12 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4837391 GHz</td><td>-58.66 dBm</td><td></td><td></td></tr></table><p>Date: 21 AUG 2023 15:13:59</p></div>                                                                                        | Type       | Ref           | Trc        | X-value  | Y-value         | Function | Function Result | M1 | 1 |  | 2.480245 GHz | 10.16 dBm |  |  | M2 | 1 |  | 2.4835 GHz | -59.09 dBm |  |  | M3 | 1 |  | 2.5 GHz  | -63.12 dBm |  |  | M4 | 1 |  | 2.4837391 GHz | -58.66 dBm |  |  |    |   |  |              |            |  |  |  |
| Type       | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Trc        | X-value       | Y-value    | Function | Function Result |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |
| M1         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | 2.480245 GHz  | 10.16 dBm  |          |                 |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |
| M2         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | 2.4835 GHz    | -59.09 dBm |          |                 |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |
| M3         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | 2.5 GHz       | -63.12 dBm |          |                 |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |
| M4         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            | 2.4837391 GHz | -58.66 dBm |          |                 |          |                 |    |   |  |              |           |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |

| Test Item: | Band edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Test Rate: | 2Mbps         |             |          |                 |          |                 |    |   |  |              |             |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |  |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------|-------------|----------|-----------------|----------|-----------------|----|---|--|--------------|-------------|--|--|----|---|--|------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|---------------|------------|--|--|----|---|--|--------------|------------|--|--|--|--|
| CH00       | <div><p>Spectrum</p><p>Ref Level 15.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 25 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep<br/>Count 300/300</p><p>1Pk Max</p><p>Start 2.31 GHz 691 pts Stop 2.405 GHz</p><p>Marker</p><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>2.40149 GHz</td><td>-11.210 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-24.54 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-59.15 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-59.00 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399906 GHz</td><td>-29.06 dBm</td><td></td><td></td></tr></table><p>Date: 21 AUG 2023 15:15:42</p></div> | Type       | Ref           | Trc         | X-value  | Y-value         | Function | Function Result | M1 | 1 |  | 2.40149 GHz  | -11.210 dBm |  |  | M2 | 1 |  | 2.4 GHz    | -24.54 dBm |  |  | M3 | 1 |  | 2.39 GHz | -59.15 dBm |  |  | M4 | 1 |  | 2.31 GHz      | -59.00 dBm |  |  | M5 | 1 |  | 2.399906 GHz | -29.06 dBm |  |  |  |  |
| Type       | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Trc        | X-value       | Y-value     | Function | Function Result |          |                 |    |   |  |              |             |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |  |
| M1         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            | 2.40149 GHz   | -11.210 dBm |          |                 |          |                 |    |   |  |              |             |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |  |
| M2         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            | 2.4 GHz       | -24.54 dBm  |          |                 |          |                 |    |   |  |              |             |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |  |
| M3         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            | 2.39 GHz      | -59.15 dBm  |          |                 |          |                 |    |   |  |              |             |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |  |
| M4         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            | 2.31 GHz      | -59.00 dBm  |          |                 |          |                 |    |   |  |              |             |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |  |
| M5         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            | 2.399906 GHz  | -29.06 dBm  |          |                 |          |                 |    |   |  |              |             |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |  |
| CH39       | <div><p>Spectrum</p><p>Ref Level 15.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 25 dB SWT 56.9 μs VBW 300 kHz Mode Auto FFT<br/>Count 100/100</p><p>1Pk Max</p><p>Start 2.478 GHz 691 pts Stop 2.5 GHz</p><p>Marker</p><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>2.480117 GHz</td><td>-11.670 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-55.61 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-61.46 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4835159 GHz</td><td>-55.72 dBm</td><td></td><td></td></tr></table><p>Date: 21 AUG 2023 15:29:49</p></div>                                                                                           | Type       | Ref           | Trc         | X-value  | Y-value         | Function | Function Result | M1 | 1 |  | 2.480117 GHz | -11.670 dBm |  |  | M2 | 1 |  | 2.4835 GHz | -55.61 dBm |  |  | M3 | 1 |  | 2.5 GHz  | -61.46 dBm |  |  | M4 | 1 |  | 2.4835159 GHz | -55.72 dBm |  |  |    |   |  |              |            |  |  |  |  |
| Type       | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Trc        | X-value       | Y-value     | Function | Function Result |          |                 |    |   |  |              |             |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |  |
| M1         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            | 2.480117 GHz  | -11.670 dBm |          |                 |          |                 |    |   |  |              |             |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |  |
| M2         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            | 2.4835 GHz    | -55.61 dBm  |          |                 |          |                 |    |   |  |              |             |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |  |
| M3         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            | 2.5 GHz       | -61.46 dBm  |          |                 |          |                 |    |   |  |              |             |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |  |
| M4         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            | 2.4835159 GHz | -55.72 dBm  |          |                 |          |                 |    |   |  |              |             |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |               |            |  |  |    |   |  |              |            |  |  |  |  |

| Test Item:              | SE | Test Rate:                                                                                                                                                                                              | 1Mbps |
|-------------------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| CH00<br>Reference level |    |  <p>10.39 dBm<br/>2.4017400 GHz</p> <p>CF 2.402 GHz 691 pts Span 30.0 MHz</p> <p>Date: 21 AUG 2023 15:59:29</p>       |       |
| CH00<br>30MHz~1000MHz   |    |  <p>-50.95 dBm<br/>874.9230 MHz</p> <p>Start 30.0 MHz 30001 pts Stop 1.0 GHz</p> <p>Date: 21 AUG 2023 15:59:35</p>   |       |
| CH00<br>1GHz~26GHz      |    |  <p>-42.86 dBm<br/>15.880000 GHz</p> <p>Start 1.0 GHz 30001 pts Stop 26.0 GHz</p> <p>Date: 21 AUG 2023 15:59:58</p> |       |

The screenshot displays a Spectrum Analyzer interface. At the top, the title "Spectrum" is visible. Below it, the configuration parameters are listed: Ref Level 21.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWT 75.9  $\mu$ s, VBW 300 kHz, and Mode Auto FFT. The Count is set to 100/100. A blue circle icon with "1Pk Max" is shown. The main display area shows a single sharp peak at 10.04 dBm and 2.4397400 GHz. The peak is labeled "M1[1]". The x-axis is labeled "CF 2.44 GHz" and "Span 30.0 MHz". The y-axis is labeled "dBm" and ranges from -70 to 10. The peak is labeled "691 pts".

**Spectrum**

Ref Level 20.00 dBm Offset 1.00 dB RBW 100 KHz  
 Att 30 dB SWT 30.1 ms VBW 300 KHz Mode Auto Sweep

Count 10/10

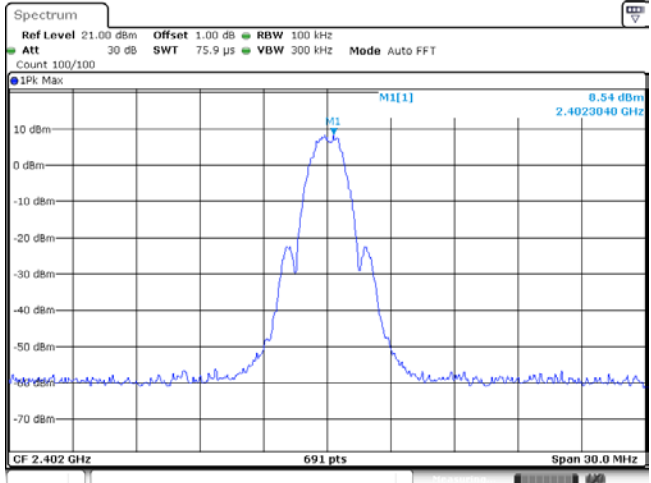
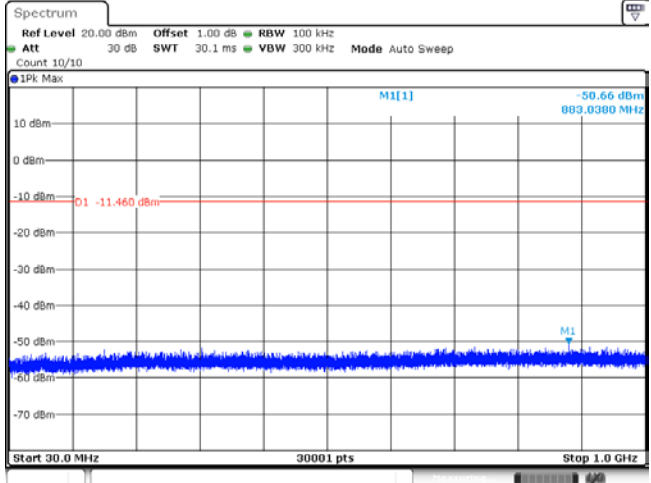
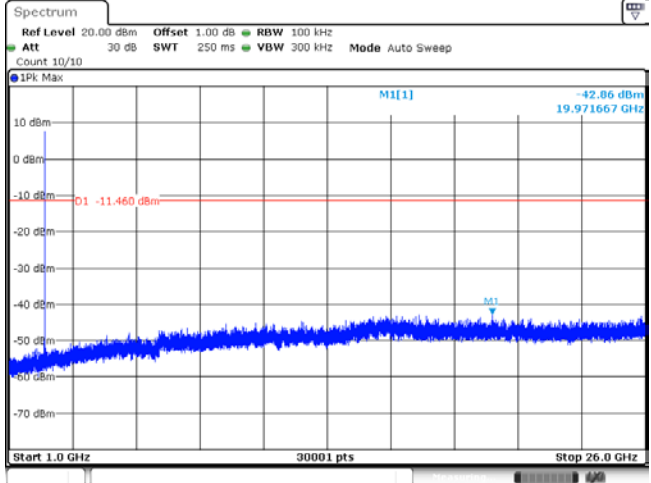
1Pk Max

M1[1] -50.06 dBm 609.1740 MHz

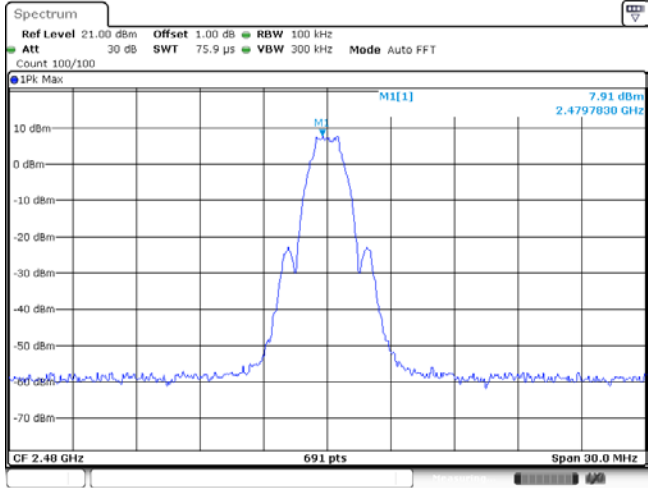
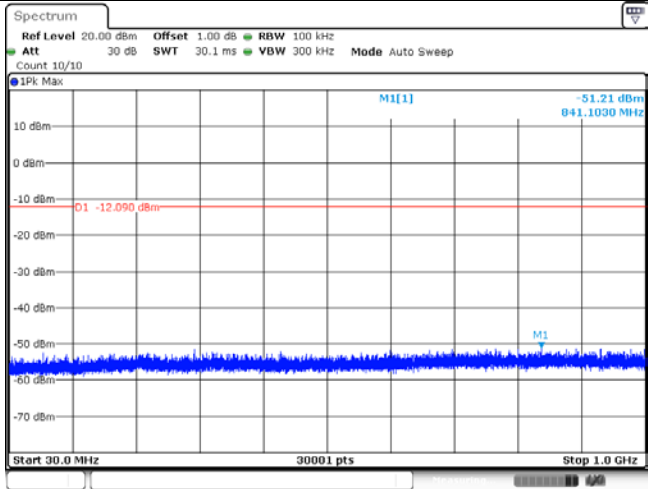
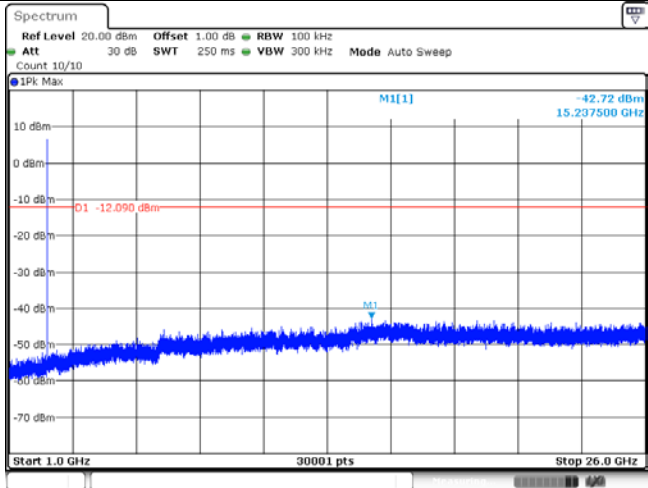
O1 -9.960 dBm

Start 30.0 MHz 30001 pts Stop 1.0 GHz

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| Test Item:              | SE                                                                                                                     | Test Rate: | 2Mbps |
|-------------------------|------------------------------------------------------------------------------------------------------------------------|------------|-------|
| CH00<br>Reference level |  <p>Date: 21 AUG 2023 15:15:47</p>   |            |       |
| CH00<br>30MHz~1000MHz   |  <p>Date: 21 AUG 2023 15:16:02</p>  |            |       |
| CH00<br>1GHz~26GHz      |  <p>Date: 21 AUG 2023 15:16:17</p> |            |       |

|                         |                                              |
|-------------------------|----------------------------------------------|
| CH19<br>Reference level | <div><p>Date: 21 AUG 2023 15:18:33</p></div> |
| CH19<br>30MHz~1000MHz   | <div><p>Date: 21 AUG 2023 15:18:48</p></div> |
| CH19<br>1GHz~26GHz      | <div><p>Date: 21 AUG 2023 15:19:03</p></div> |

|                         |                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CH39<br>Reference level |  <p>Spectrum<br/>Ref Level 21.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWT 75.9 <math>\mu</math>s VBW 300 kHz Mode Auto FFT<br/>Count 100/100<br/>IPk Max<br/>M1[1] 7.91 dBm 2.4797830 GHz<br/>CF 2.48 GHz 691 pts Span 30.0 MHz<br/>Date: 21 AUG 2023 15:20:45</p> |
| CH39<br>30MHz~1000MHz   |  <p>Spectrum<br/>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWT 30.1 ms VBW 300 kHz Mode Auto Sweep<br/>Count 10/10<br/>IPk Max<br/>M1[1] -51.21 dBm 0+1.1030 MHz<br/>Start 30.0 MHz 30001 pts Stop 1.0 GHz<br/>Date: 21 AUG 2023 15:21:00</p>          |
| CH39<br>1GHz~26GHz      |  <p>Spectrum<br/>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWT 250 ms VBW 300 kHz Mode Auto Sweep<br/>Count 10/10<br/>IPk Max<br/>M1[1] -42.72 dBm 15.237500 GHz<br/>Start 1.0 GHz 30001 pts Stop 26.0 GHz<br/>Date: 21 AUG 2023 15:21:15</p>         |

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