

# APPENDIX REPORT

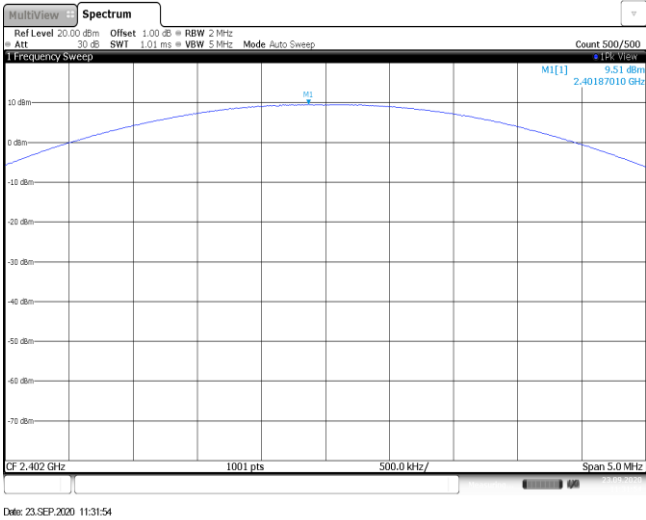
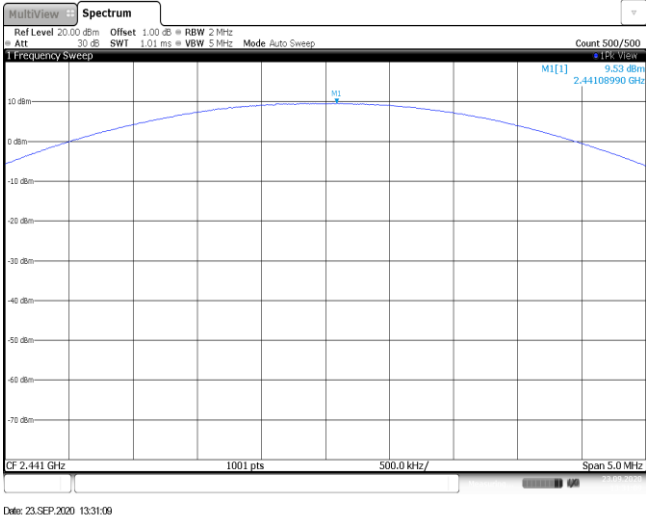
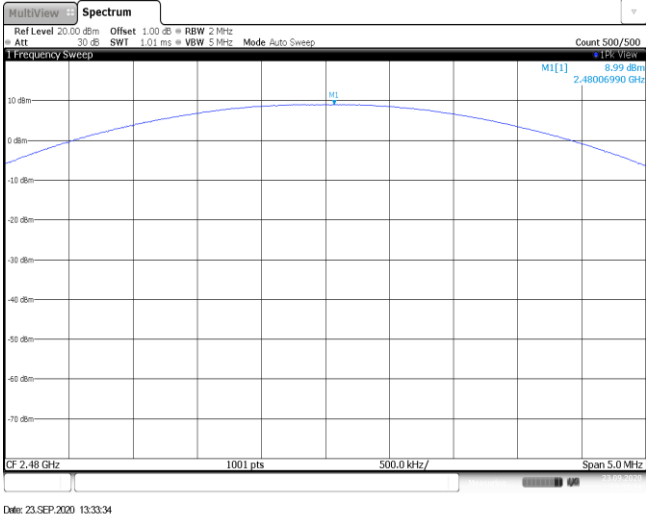
|                 |                 |                     |               |
|-----------------|-----------------|---------------------|---------------|
| Project No.     | SHT2009042403EW | Radio Specification | Bluetooth EDR |
| Test sample No. | YPHT20090424022 | Model No.           | Power K       |
| Start test date | 2020/9/23       | Finish date         | 2020/9/23     |
| Temperature     | 25°C            | Humidity            | 50%           |
| Test Engineer   | Jiongsheng.Feng | Auditor             | Xiaodong Zheo |

| Appendix clause | Test item                                  | Result |
|-----------------|--------------------------------------------|--------|
| A               | Peak Output Power                          | PASS   |
| B               | 20 dB Bandwidth                            | PASS   |
| C               | 99% Occupied Bandwidth                     | PASS   |
| D               | Carrier Frequencies Separation             | PASS   |
| E               | Hopping Channel Number                     | PASS   |
| F               | Dwell Time                                 | PASS   |
| G               | Duty Cycle Correction Factor (DCCF)        | PASS   |
| H               | Band edge and Spurious Emissions(coducted) | PASS   |

**Appendix A: Peak Output Power**

| Modulation type | Channel | Output power (dBm) | Average Output power (dBm) | Limit (dBm)  | Result |
|-----------------|---------|--------------------|----------------------------|--------------|--------|
| GFSK            | 00      | 8.04               | 8.01                       | $\leq 30.00$ | Pass   |
|                 | 39      | 8.03               | 8.00                       |              |        |
|                 | 78      | 8.22               | 8.20                       |              |        |
| $\pi/4$ DQPSK   | 00      | 9.51               | 8.84                       | $\leq 21.00$ | Pass   |
|                 | 39      | 9.53               | 8.88                       |              |        |
|                 | 78      | 8.99               | 8.31                       |              |        |
| 8DPSK           | 00      | 9.82               | 9.15                       | $\leq 21.00$ | Pass   |
|                 | 39      | 9.72               | 9.07                       |              |        |
|                 | 78      | 9.41               | 8.63                       |              |        |

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| Modulation Type: |                                                                                      | $\pi/4$ DQPSK |
|------------------|--------------------------------------------------------------------------------------|---------------|
| CH00             |    |               |
| CH39             |   |               |
| CH78             |  |               |

| Modulation Type: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8DPSK |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| CH00             | <div><div><div><div>MultiView</div><div>Spectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz<br/>Att 30 dB SWI 1.01 ms VBW 5 MHz Mode Auto Sweep</div><div>Count 500/500</div><div>1 Frequency Sweep</div><div><div><div>10 dBm</div><div>0 dBm</div><div>-10 dBm</div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div><div>-70 dBm</div></div><div><div><div>M1</div><div>M1(1)</div><div>9.82 dBm</div><div>2.40194010 GHz</div></div></div></div><div><div>CF 2.402 GHz</div><div>1001 pts</div><div>500.0 kHz/</div><div>Span 5.0 MHz</div></div><div>Date: 23.SEP.2020 13:36:00</div></div></div></div> |       |
| CH39             | <div><div><div><div>MultiView</div><div>Spectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz<br/>Att 30 dB SWI 1.01 ms VBW 5 MHz Mode Auto Sweep</div><div>Count 500/500</div><div>1 Frequency Sweep</div><div><div><div>10 dBm</div><div>0 dBm</div><div>-10 dBm</div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div><div>-70 dBm</div></div><div><div><div>M1</div><div>M1(1)</div><div>9.72 dBm</div><div>2.44092510 GHz</div></div></div></div><div><div>CF 2.441 GHz</div><div>1001 pts</div><div>500.0 kHz/</div><div>Span 5.0 MHz</div></div><div>Date: 23.SEP.2020 13:40:04</div></div></div></div> |       |
| CH78             | <div><div><div><div>MultiView</div><div>Spectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz<br/>Att 30 dB SWI 1.01 ms VBW 5 MHz Mode Auto Sweep</div><div>Count 500/500</div><div>1 Frequency Sweep</div><div><div><div>10 dBm</div><div>0 dBm</div><div>-10 dBm</div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div><div>-70 dBm</div></div><div><div><div>M1</div><div>M1(1)</div><div>9.41 dBm</div><div>2.48002000 GHz</div></div></div></div><div><div>CF 2.48 GHz</div><div>1001 pts</div><div>500.0 kHz/</div><div>Span 5.0 MHz</div></div><div>Date: 23.SEP.2020 13:43:09</div></div></div></div>  |       |

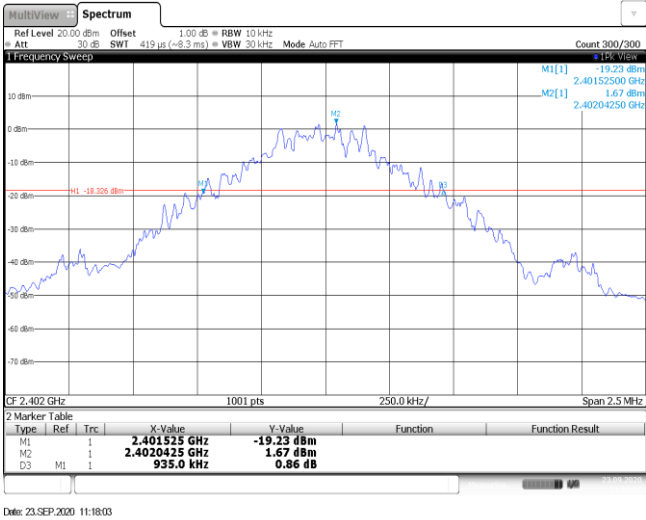
**Appendix B : 20 dB Bandwidth**

| Modulation type | Channel | 20 dB Bandwidth (kHz) | Limit (kHz) | Result |
|-----------------|---------|-----------------------|-------------|--------|
| GFSK            | 00      | 935.00                | -           | Pass   |
|                 | 39      | 935.00                |             |        |
|                 | 78      | 935.00                |             |        |
| $\pi/4$ DQPSK   | 00      | 1325.00               | -           | Pass   |
|                 | 39      | 1325.00               |             |        |
|                 | 78      | 1327.50               |             |        |
| 8DPSK           | 00      | 1310.00               | -           | Pass   |
|                 | 39      | 1302.50               |             |        |
|                 | 78      | 1305.00               |             |        |

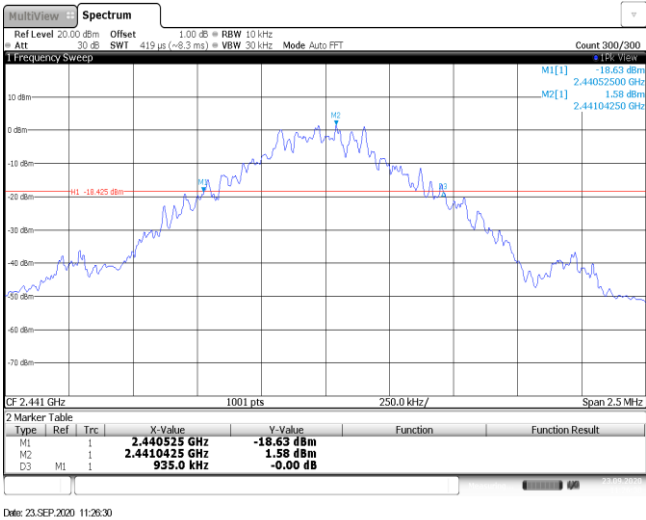
Modulation Type:

GFSK

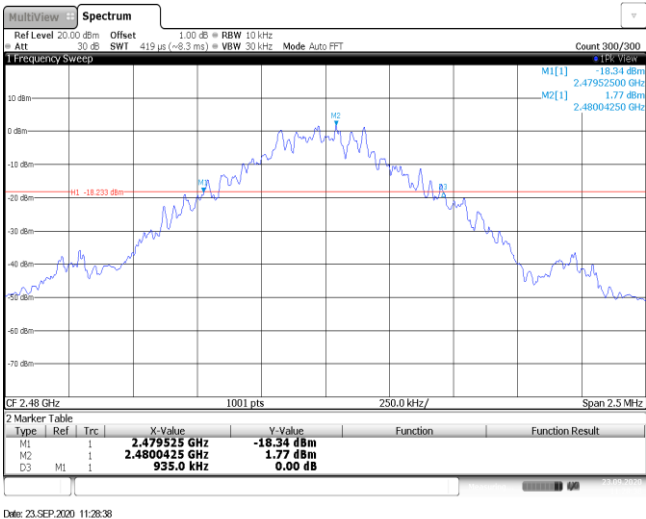
CH00



CH39



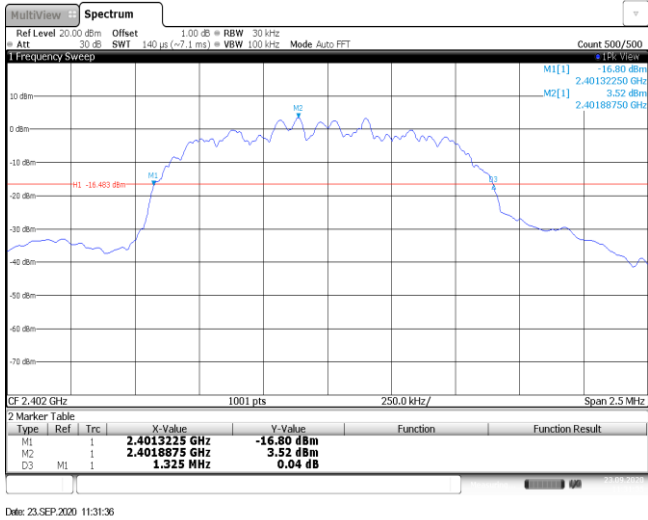
CH78



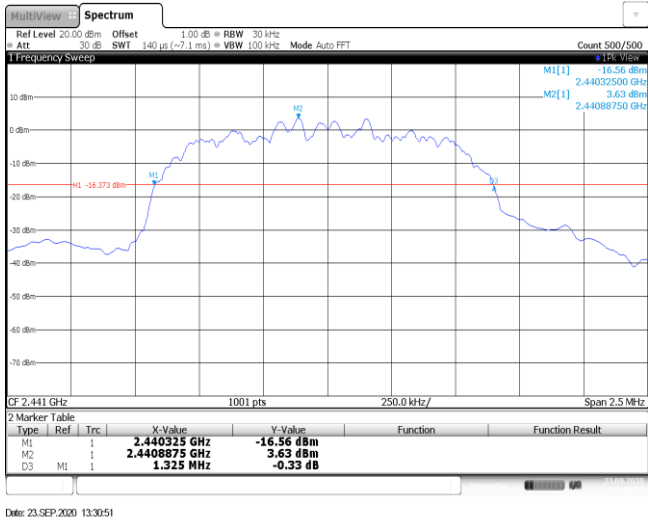
Modulation Type:

$\pi$ /4DQPSK

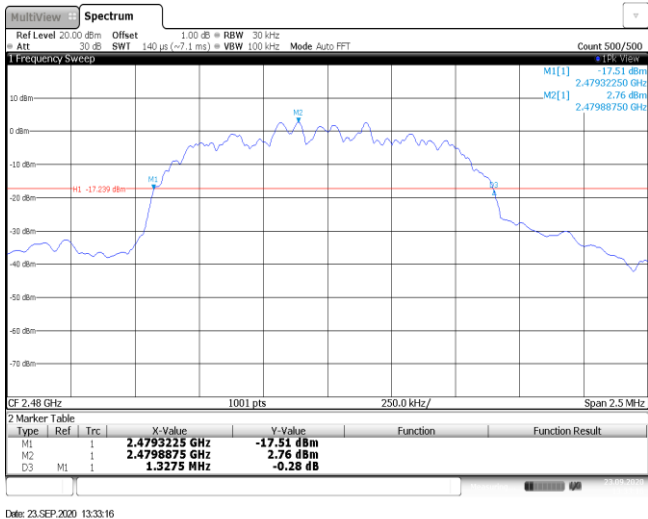
CH00



CH39



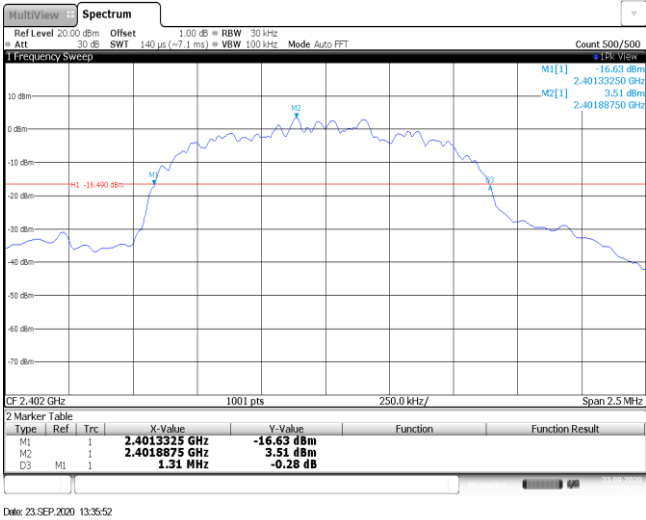
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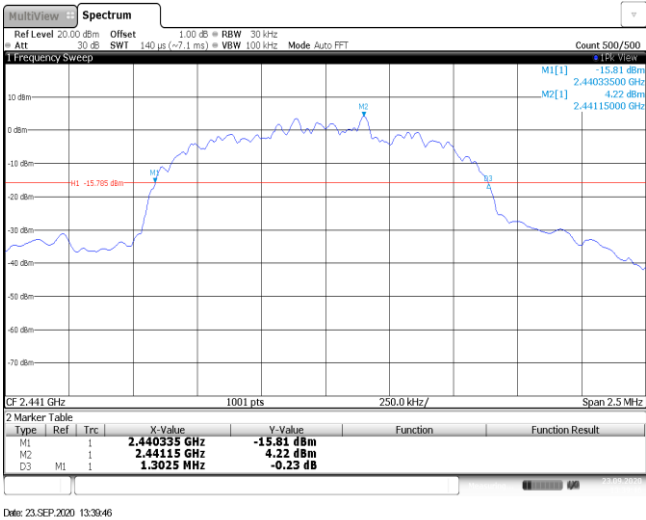
Modulation Type:

8DPSK

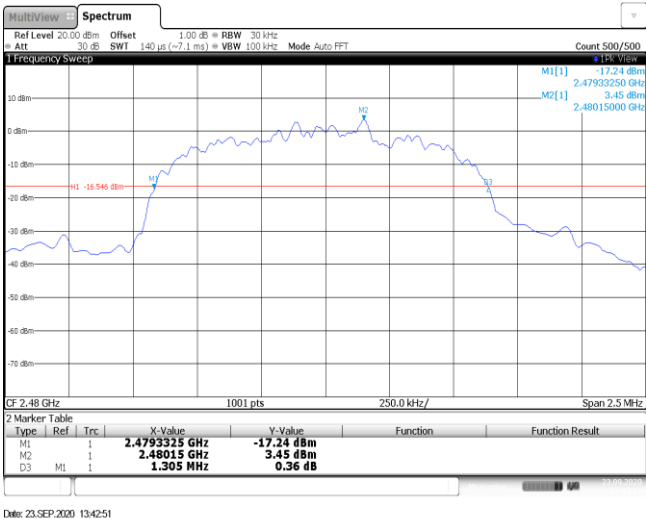
CH00



CH39



CH78



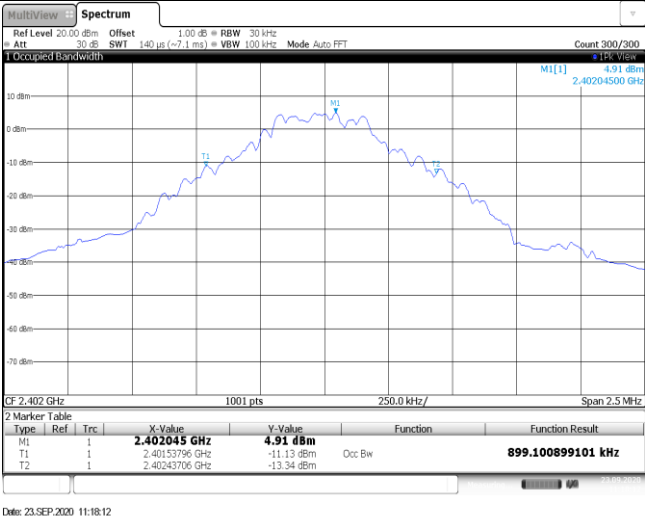
**Appendix C: 99% Occupied Bandwidth**

| Modulation type | Channel | 99% Occupied Bandwidth (MHz) | Limit (MHz) | Result |
|-----------------|---------|------------------------------|-------------|--------|
| GFSK            | 00      | 0.90                         | -           | Pass   |
|                 | 39      | 0.91                         |             |        |
|                 | 78      | 0.90                         |             |        |
| $\pi/4$ DQPSK   | 00      | 1.19                         | -           | Pass   |
|                 | 39      | 1.18                         |             |        |
|                 | 78      | 1.19                         |             |        |
| 8DPSK           | 00      | 1.18                         | -           | Pass   |
|                 | 39      | 1.18                         |             |        |
|                 | 78      | 1.18                         |             |        |

Modulation Type:

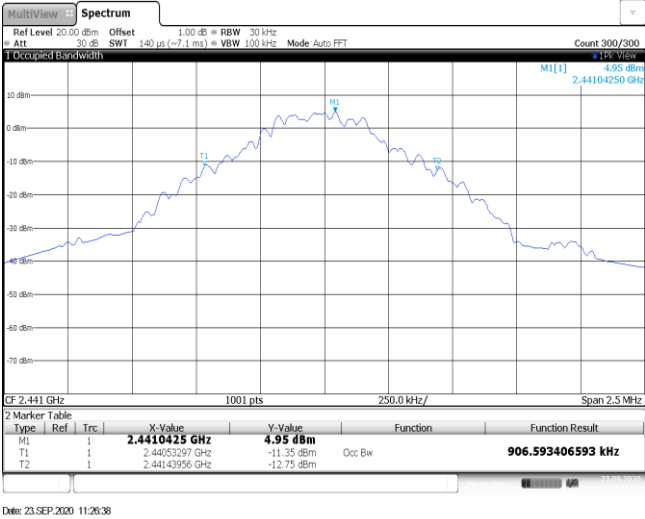
GFSK

CH00



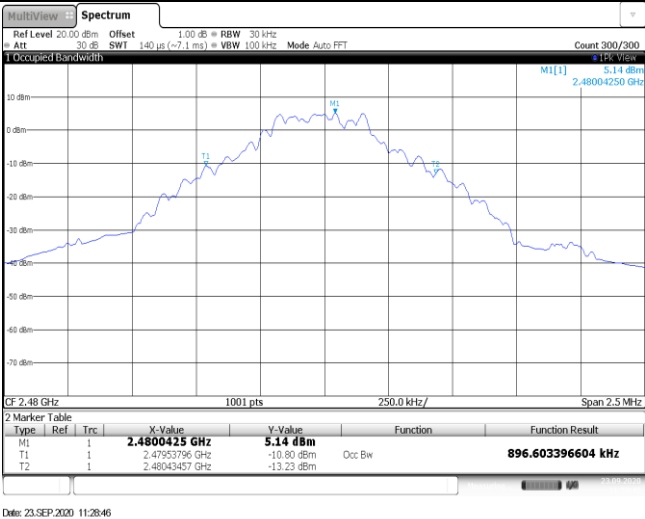
Date: 23.SEP.2020 11:18:12

CH39



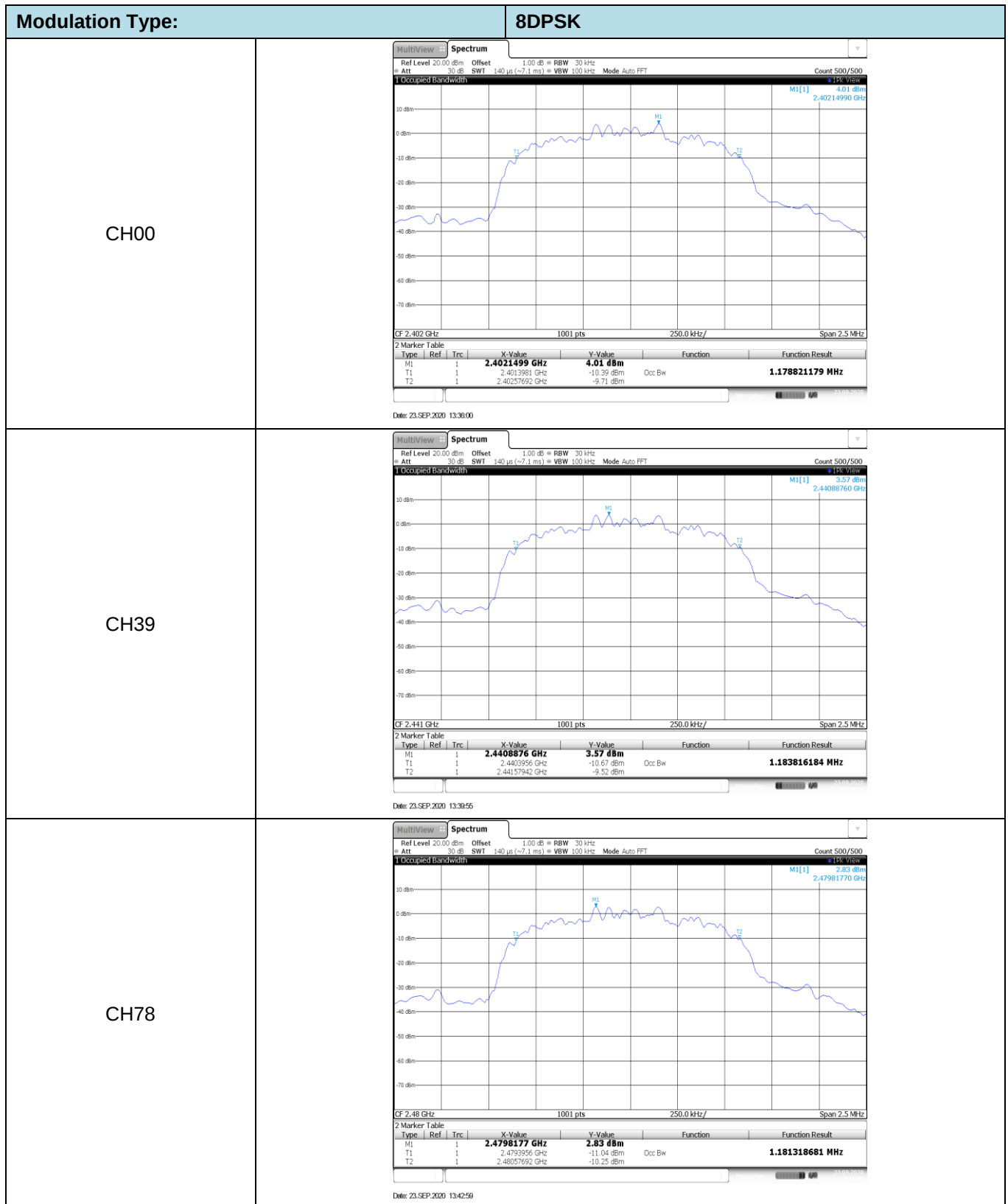
Date: 23.SEP.2020 11:26:38

CH78



Date: 23.SEP.2020 11:28:46

| Modulation Type: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | π/4DQPSK |                |            |          |                 |         |         |          |                 |    |   |  |               |          |  |  |    |   |  |                |           |        |                 |    |   |  |                |            |  |  |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|---------------|----------|--|--|----|---|--|----------------|-----------|--------|-----------------|----|---|--|----------------|------------|--|--|
| CH00             | <div><div>MultViewSpectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz<br/>Att 30 dB SWI 140 μs (~7.1 ms) VBW 100 kHz Mode Auto FFT Count 500/500</div><div>1 Occupied Bandwidth</div><div></div><div>CF 2.402 GHz 1001 pts 250.0 kHz/ Span 2.5 MHz</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>2.4018876 GHz</td><td>3.48 dBm</td><td></td><td></td></tr><tr><td>T1</td><td>1</td><td></td><td>2.4019511 GHz</td><td>-8.55 dBm</td><td>Occ BW</td><td>1.186313686 MHz</td></tr><tr><td>T2</td><td>1</td><td></td><td>2.40257942 GHz</td><td>-10.55 dBm</td><td></td><td></td></tr></table></div> <div>Date: 23.SEP.2020 11:31:44</div> |          |                | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.4018876 GHz | 3.48 dBm |  |  | T1 | 1 |  | 2.4019511 GHz  | -8.55 dBm | Occ BW | 1.186313686 MHz | T2 | 1 |  | 2.40257942 GHz | -10.55 dBm |  |  |
| Type             | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Trc      | X-Value        | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |               |          |  |  |    |   |  |                |           |        |                 |    |   |  |                |            |  |  |
| M1               | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | 2.4018876 GHz  | 3.48 dBm   |          |                 |         |         |          |                 |    |   |  |               |          |  |  |    |   |  |                |           |        |                 |    |   |  |                |            |  |  |
| T1               | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | 2.4019511 GHz  | -8.55 dBm  | Occ BW   | 1.186313686 MHz |         |         |          |                 |    |   |  |               |          |  |  |    |   |  |                |           |        |                 |    |   |  |                |            |  |  |
| T2               | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | 2.40257942 GHz | -10.55 dBm |          |                 |         |         |          |                 |    |   |  |               |          |  |  |    |   |  |                |           |        |                 |    |   |  |                |            |  |  |
| CH39             | <div><div>MultViewSpectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz<br/>Att 30 dB SWI 140 μs (~7.1 ms) VBW 100 kHz Mode Auto FFT Count 500/500</div><div>1 Occupied Bandwidth</div><div></div><div>CF 2.441 GHz 1001 pts 250.0 kHz/ Span 2.5 MHz</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>2.4411523 GHz</td><td>3.58 dBm</td><td></td><td></td></tr><tr><td>T1</td><td>1</td><td></td><td>2.4403956 GHz</td><td>-8.63 dBm</td><td>Occ BW</td><td>1.183816184 MHz</td></tr><tr><td>T2</td><td>1</td><td></td><td>2.44157942 GHz</td><td>-10.78 dBm</td><td></td><td></td></tr></table></div> <div>Date: 23.SEP.2020 13:30:59</div> |          |                | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.4411523 GHz | 3.58 dBm |  |  | T1 | 1 |  | 2.4403956 GHz  | -8.63 dBm | Occ BW | 1.183816184 MHz | T2 | 1 |  | 2.44157942 GHz | -10.78 dBm |  |  |
| Type             | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Trc      | X-Value        | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |               |          |  |  |    |   |  |                |           |        |                 |    |   |  |                |            |  |  |
| M1               | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | 2.4411523 GHz  | 3.58 dBm   |          |                 |         |         |          |                 |    |   |  |               |          |  |  |    |   |  |                |           |        |                 |    |   |  |                |            |  |  |
| T1               | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | 2.4403956 GHz  | -8.63 dBm  | Occ BW   | 1.183816184 MHz |         |         |          |                 |    |   |  |               |          |  |  |    |   |  |                |           |        |                 |    |   |  |                |            |  |  |
| T2               | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | 2.44157942 GHz | -10.78 dBm |          |                 |         |         |          |                 |    |   |  |               |          |  |  |    |   |  |                |           |        |                 |    |   |  |                |            |  |  |
| CH78             | <div><div>MultViewSpectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz<br/>Att 30 dB SWI 140 μs (~7.1 ms) VBW 100 kHz Mode Auto FFT Count 500/500</div><div>1 Occupied Bandwidth</div><div></div><div>CF 2.48 GHz 1001 pts 250.0 kHz/ Span 2.5 MHz</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>2.4801499 GHz</td><td>2.86 dBm</td><td></td><td></td></tr><tr><td>T1</td><td>1</td><td></td><td>2.47939311 GHz</td><td>-9.54 dBm</td><td>Occ BW</td><td>1.186313686 MHz</td></tr><tr><td>T2</td><td>1</td><td></td><td>2.48057942 GHz</td><td>-11.34 dBm</td><td></td><td></td></tr></table></div> <div>Date: 23.SEP.2020 13:33:25</div> |          |                | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.4801499 GHz | 2.86 dBm |  |  | T1 | 1 |  | 2.47939311 GHz | -9.54 dBm | Occ BW | 1.186313686 MHz | T2 | 1 |  | 2.48057942 GHz | -11.34 dBm |  |  |
| Type             | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Trc      | X-Value        | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |               |          |  |  |    |   |  |                |           |        |                 |    |   |  |                |            |  |  |
| M1               | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | 2.4801499 GHz  | 2.86 dBm   |          |                 |         |         |          |                 |    |   |  |               |          |  |  |    |   |  |                |           |        |                 |    |   |  |                |            |  |  |
| T1               | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | 2.47939311 GHz | -9.54 dBm  | Occ BW   | 1.186313686 MHz |         |         |          |                 |    |   |  |               |          |  |  |    |   |  |                |           |        |                 |    |   |  |                |            |  |  |
| T2               | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | 2.48057942 GHz | -11.34 dBm |          |                 |         |         |          |                 |    |   |  |               |          |  |  |    |   |  |                |           |        |                 |    |   |  |                |            |  |  |



**Appendix D: Carrier Frequencies Separation**

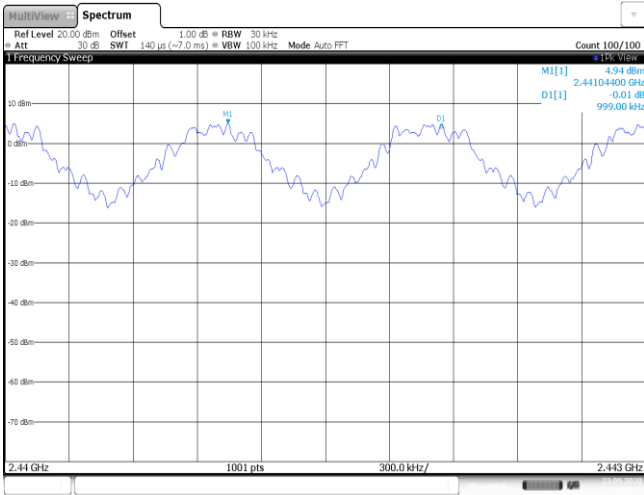
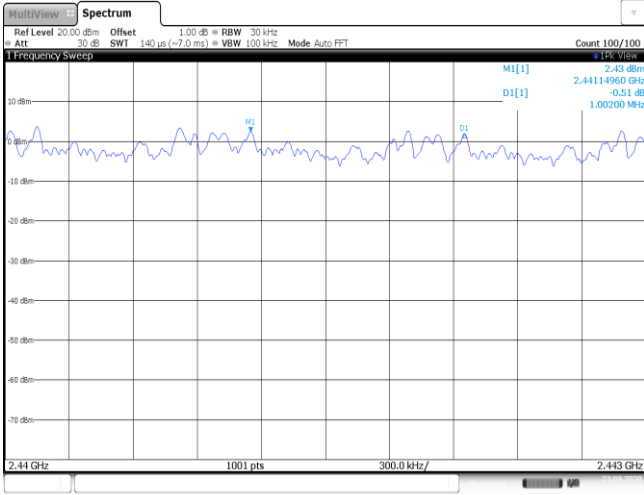
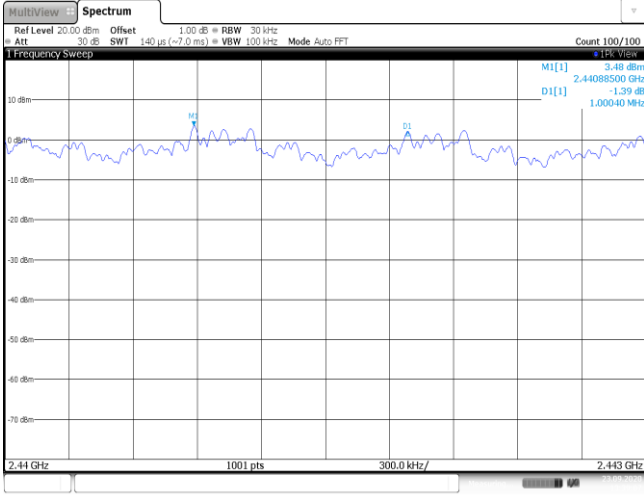
| Modulation type | Channel | Carrier Frequencies Separation (MHz) | Limit (kHz) * | Result |
|-----------------|---------|--------------------------------------|---------------|--------|
| GFSK            | 39      | 1.00                                 | ≥935.00       | Pass   |
| π/4DQPSK        | 78      | 1.00                                 | ≥885.00       | Pass   |
| 8DPSK           | 00      | 1.00                                 | ≥873.33       | Pass   |

Note:

\*: GFSK limit = The maximum 20 dB Bandwidth for GFSK modulation on the appendix B.

π/4DQPSK limit = 2/3 \* The maximum 20 dB Bandwidth for π/4DQPSK modulation on the appendix B.

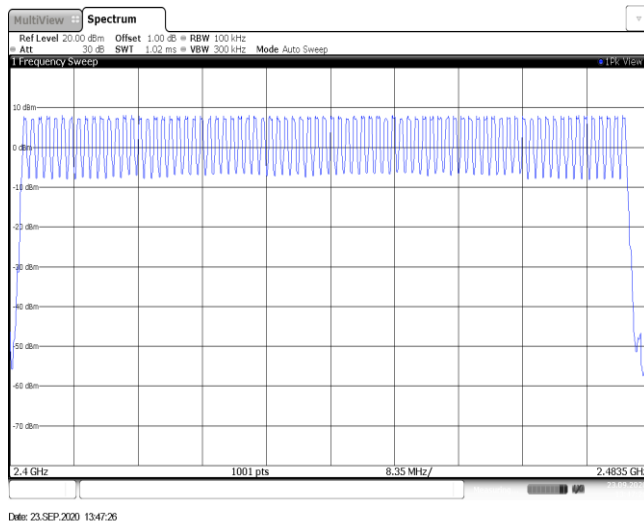
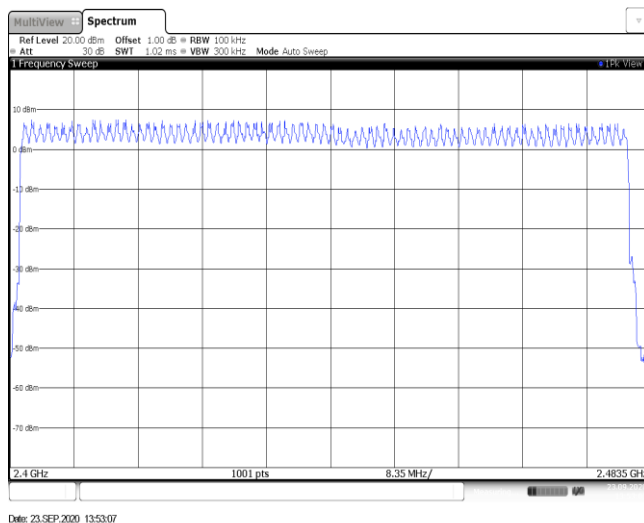
8DPSK limit = 2/3 \* The maximum 20 dB Bandwidth for 8DPSK modulation on the appendix B

|               |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GFSK          |  <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz<br/>Att 30 dB SWI 140 <math>\mu</math>s (~7.0 ms) VBW 100 kHz Mode Auto FFT Count 100/100</p> <p>1 Frequency Sweep</p> <p>M1[1] 4.34 dBm<br/>D1[1] 2.44104400 GHz -0.01 dB 999.00 kHz</p> <p>2.44 GHz 1001 pts 300.0 kHz/ 2.443 GHz</p> <p>Date: 23.SEP.2000 11:21:23</p>     |
| $\pi$ /4DQPSK |  <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz<br/>Att 30 dB SWI 140 <math>\mu</math>s (~7.0 ms) VBW 100 kHz Mode Auto FFT Count 100/100</p> <p>1 Frequency Sweep</p> <p>M1[1] 2.43 dBm<br/>D1[1] 2.441110960 GHz -0.51 dB 1.000200 MHz</p> <p>2.44 GHz 1001 pts 300.0 kHz/ 2.443 GHz</p> <p>Date: 23.SEP.2000 11:30:42</p> |
| 8DPSK         |  <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz<br/>Att 30 dB SWI 140 <math>\mu</math>s (~7.0 ms) VBW 100 kHz Mode Auto FFT Count 100/100</p> <p>1 Frequency Sweep</p> <p>M1[1] 3.48 dBm<br/>D1[1] 2.440885000 GHz -1.39 dB 1.00040 MHz</p> <p>2.44 GHz 1001 pts 300.0 kHz/ 2.443 GHz</p> <p>Date: 23.SEP.2000 13:30:07</p> |

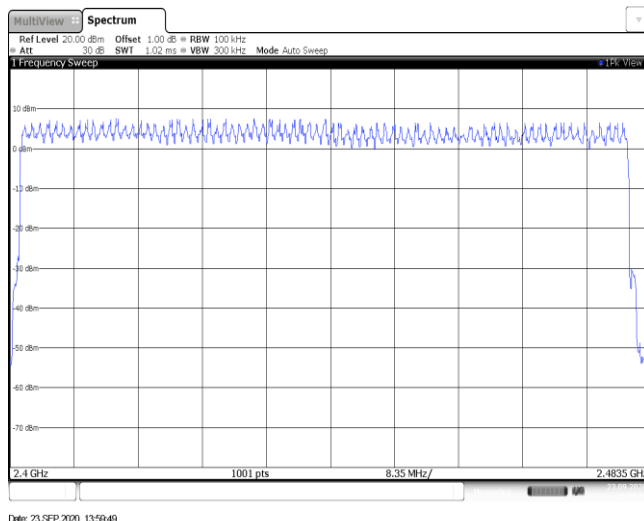
**Appendix E: Hopping Channel Number**

| Modulation type | Channel number | Limit  | Result |
|-----------------|----------------|--------|--------|
| GFSK            | 79             | ≥15.00 | Pass   |
| π/4DQPSK        | 79             |        |        |
| 8DPSK           | 79             |        |        |

GFSK

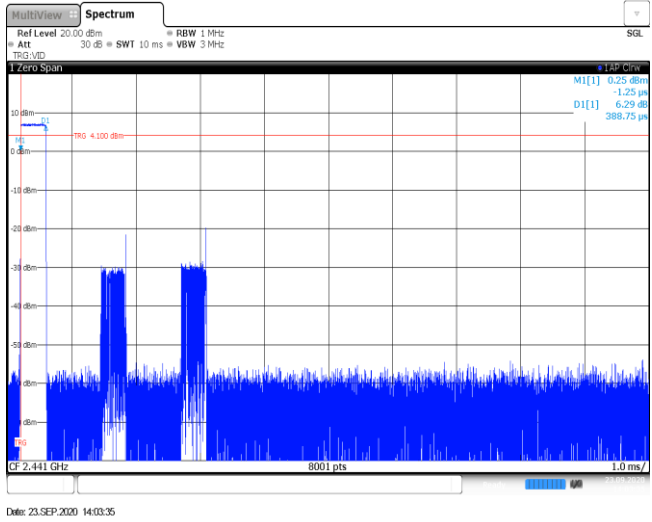
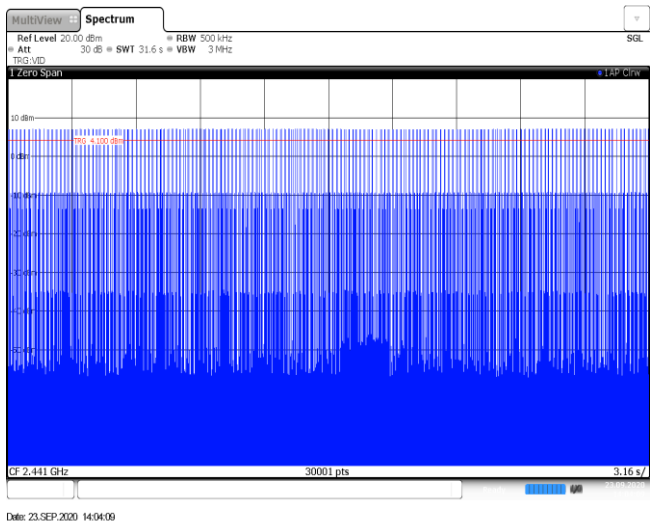
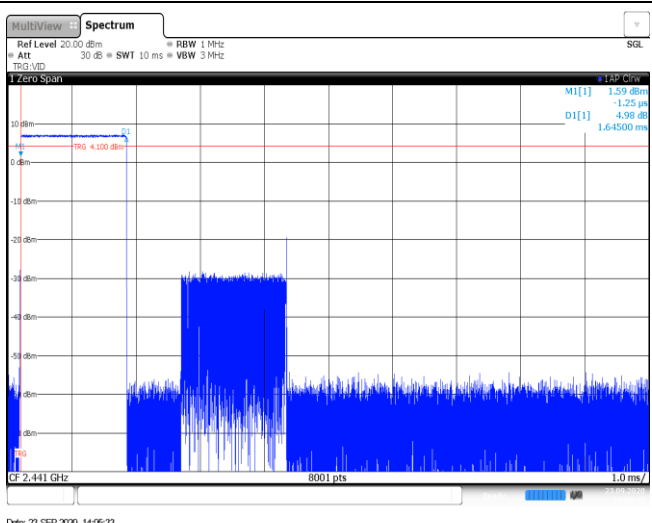
 $\pi/4$ DQPSK

8DPSK

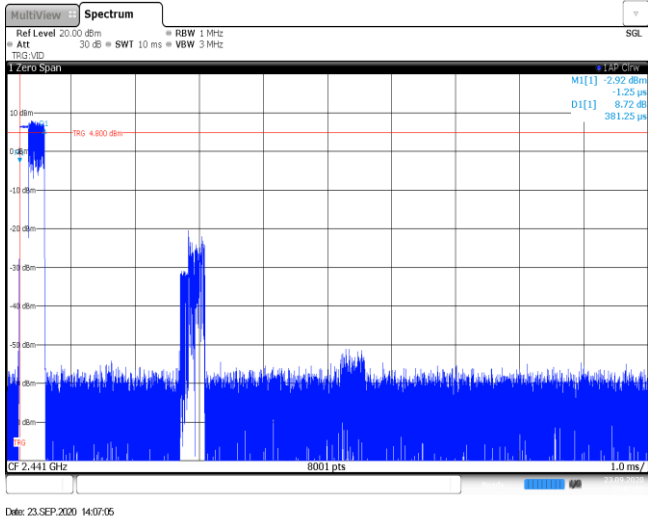
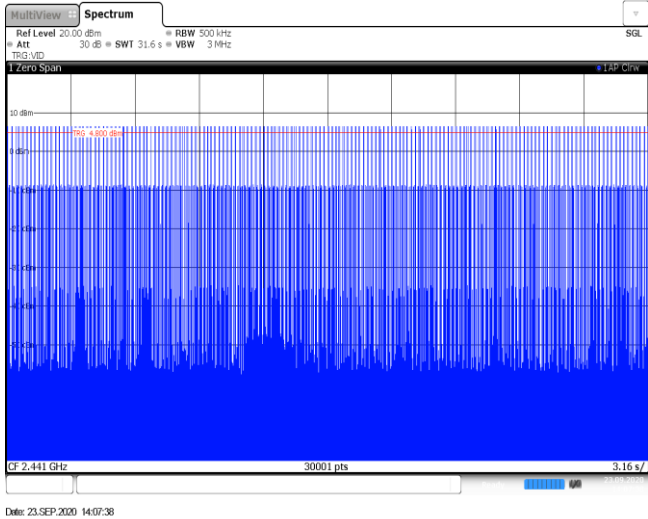
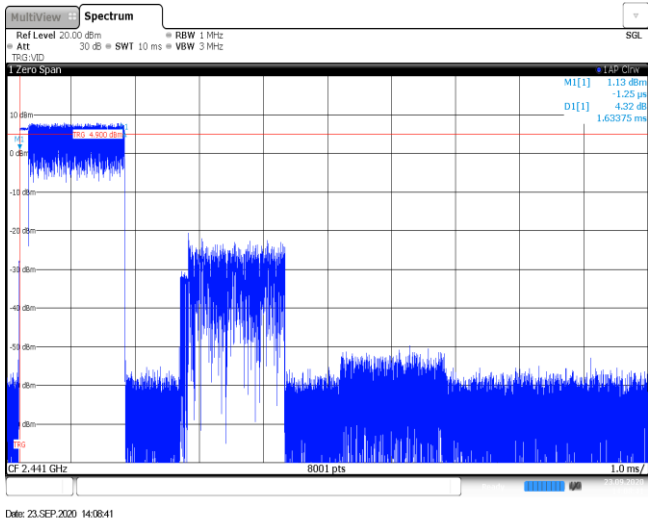


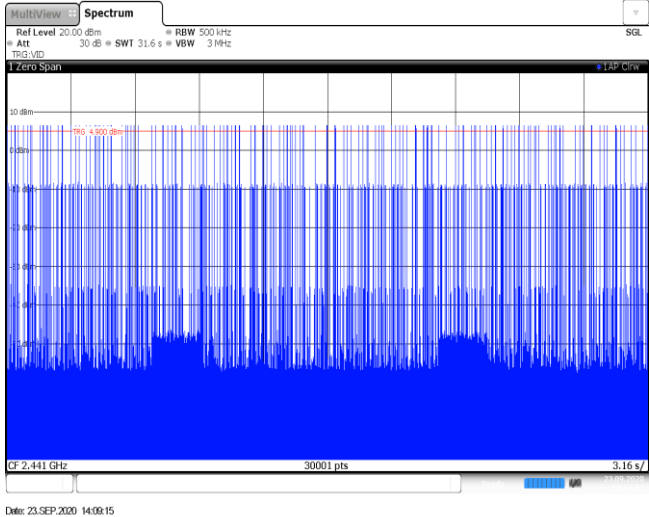
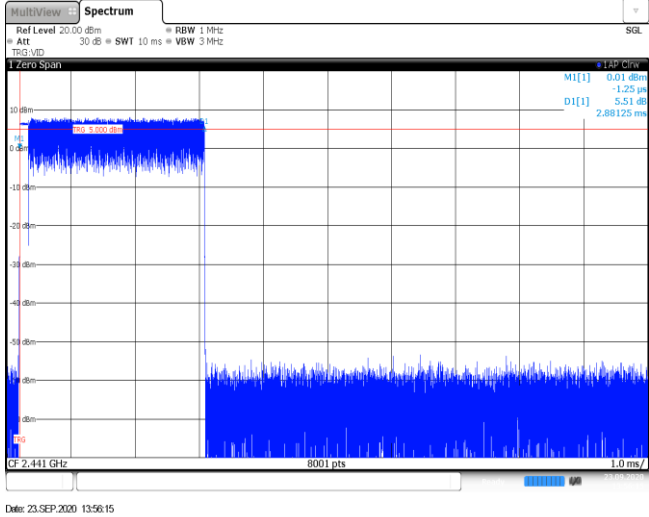
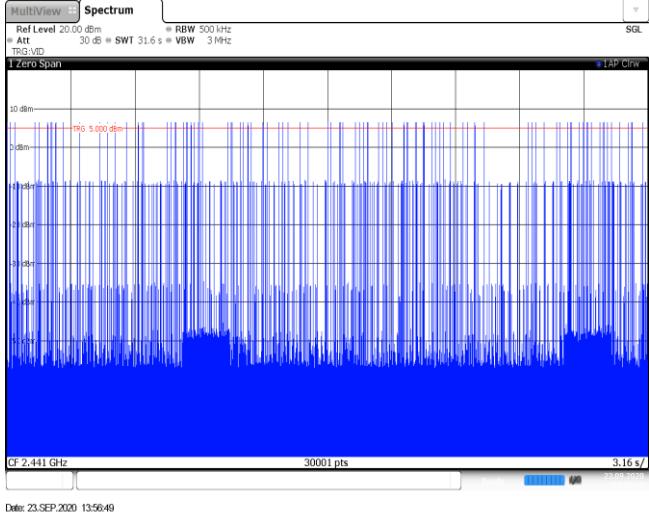
**Appendix F: Dwell Time**

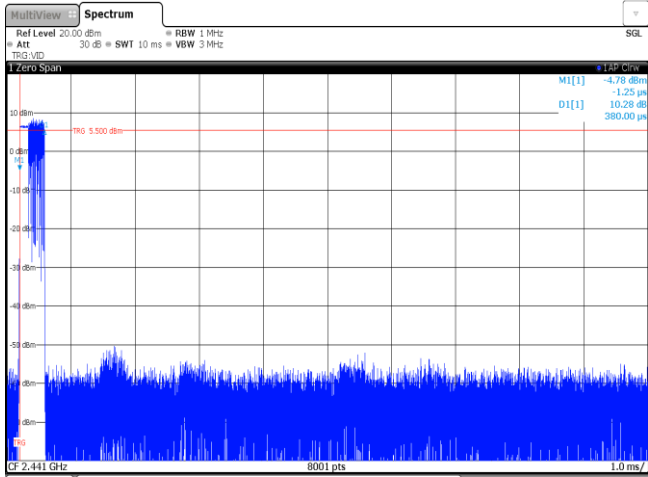
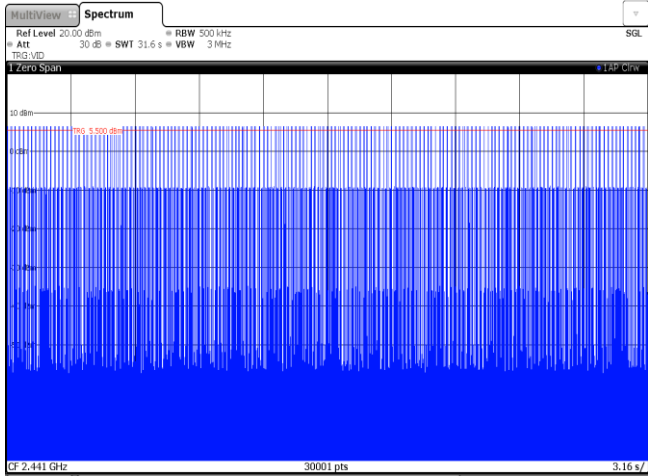
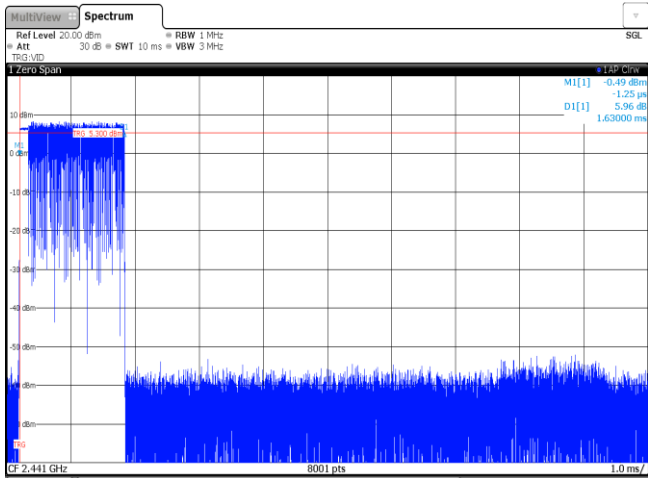
| Modulation type | Packet | Burst Width [ms] | Total Hops[hop*ch] | Dwell time (Second) | Limit (Second) | Result |
|-----------------|--------|------------------|--------------------|---------------------|----------------|--------|
| GFSK            | DH1    | 0.39             | 321                | 0.13                | $\leq 0.40$    | Pass   |
|                 | DH3    | 1.65             | 157                | 0.26                |                |        |
|                 | DH5    | 2.89             | 107                | 0.31                |                |        |
| $\pi/4$ DQPSK   | 2DH1   | 0.38             | 320                | 0.12                | $\leq 0.40$    | Pass   |
|                 | 2DH3   | 1.63             | 156                | 0.26                |                |        |
|                 | 2DH5   | 2.88             | 99                 | 0.28                |                |        |
| 8DPSK           | 3DH1   | 0.38             | 320                | 0.12                | $\leq 0.40$    | Pass   |
|                 | 3DH3   | 1.63             | 151                | 0.25                |                |        |
|                 | 3DH5   | 2.88             | 107                | 0.31                |                |        |

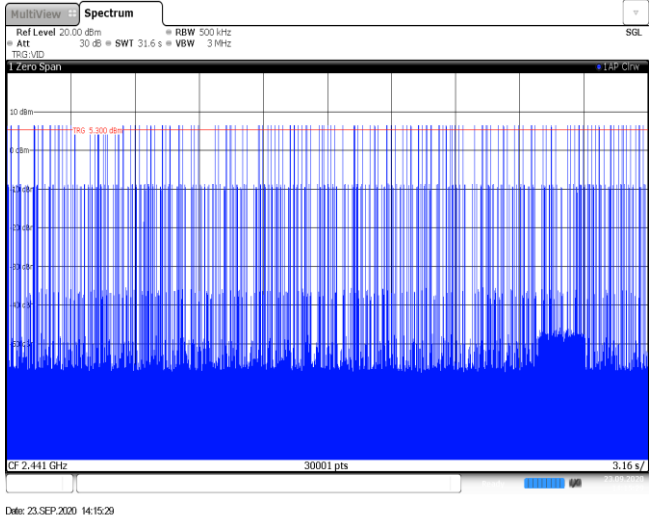
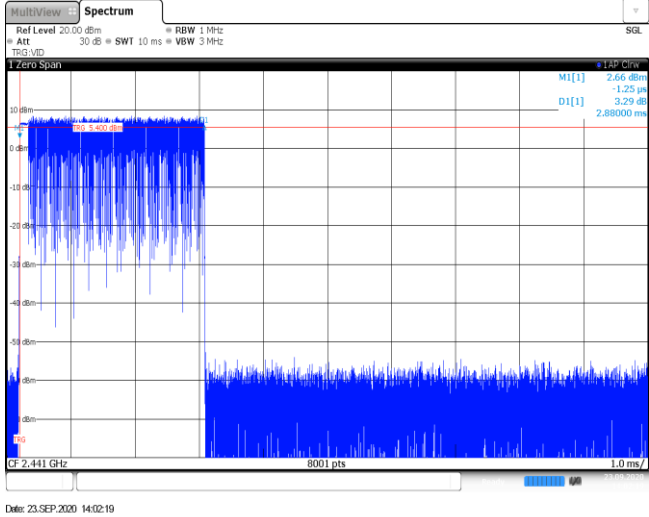
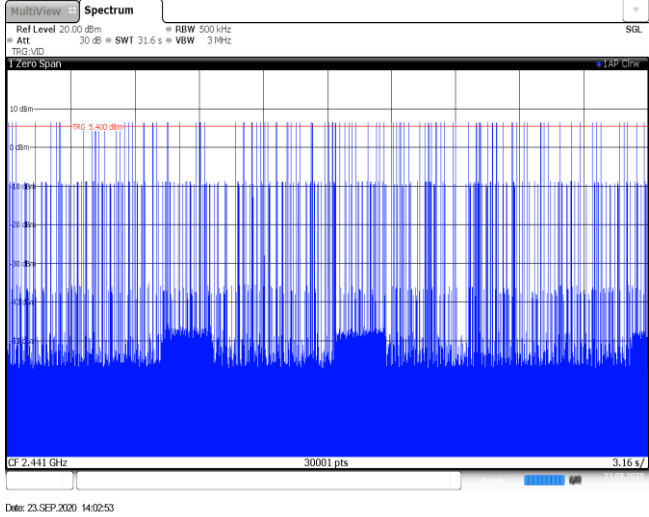
| Modulation Type: GFSK |                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------|
| DH1<br>Burst width    |    |
| DH1<br>Burst number   |   |
| DH3<br>Burst width    |  |

|                                                                                          |                                                                 |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <div data-bbox="247 414 410 472" data-label="Text"> <p>DH3<br/>Burst number</p> </div>   | <div data-bbox="684 163 1334 676" data-label="Figure"> </div>   |
| <div data-bbox="260 1001 395 1059" data-label="Text"> <p>DH5<br/>Burst width</p> </div>  | <div data-bbox="684 745 1334 1263" data-label="Figure"> </div>  |
| <div data-bbox="247 1590 410 1646" data-label="Text"> <p>DH5<br/>Burst number</p> </div> | <div data-bbox="684 1328 1334 1845" data-label="Figure"> </div> |

| Modulation Type: $\pi/4$ DQPSK |                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------|
| 2DH1<br>Burst width            |    |
| 2DH1<br>Burst number           |   |
| 2DH3<br>Burst width            |  |

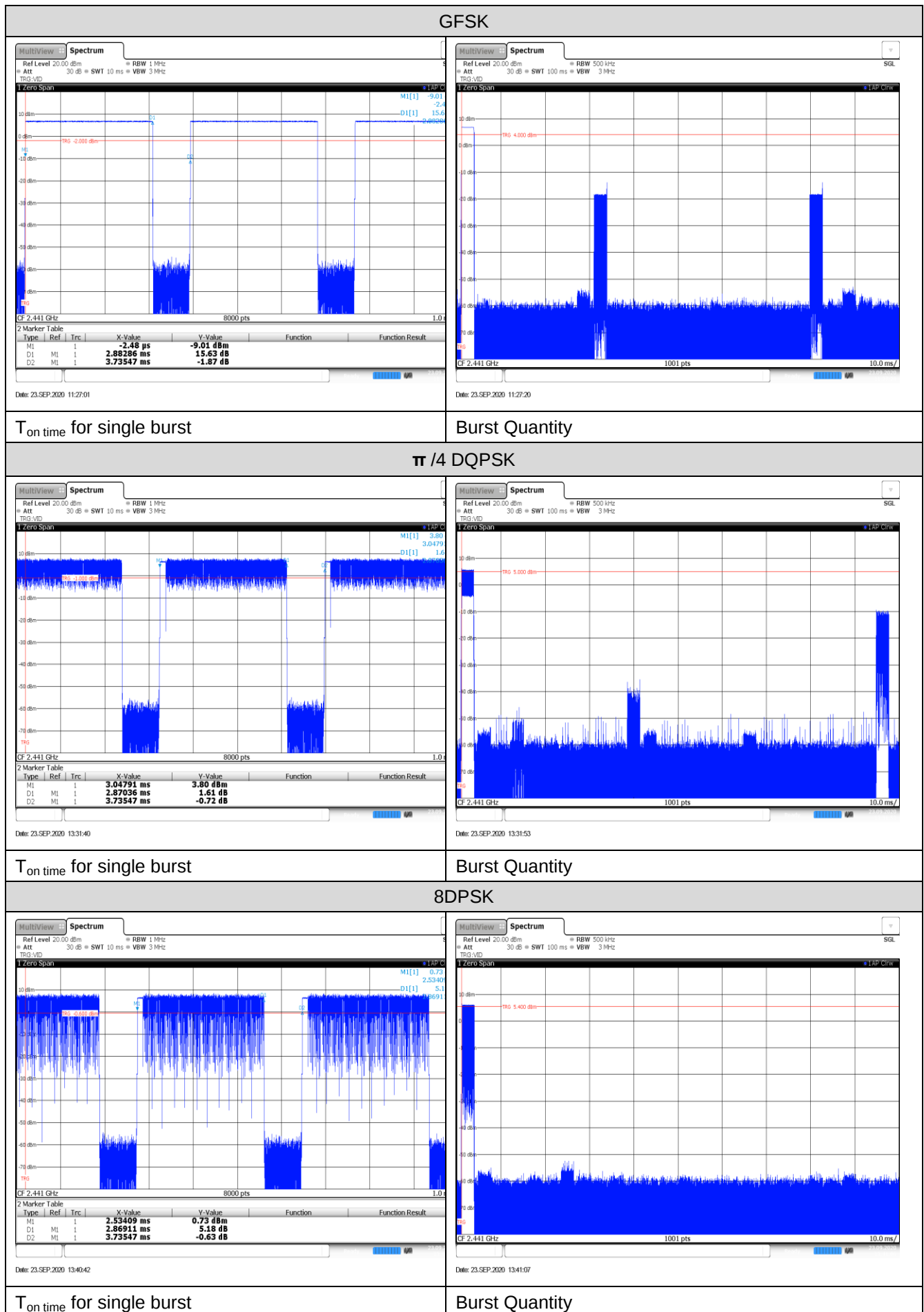
|                      |                                                                                      |
|----------------------|--------------------------------------------------------------------------------------|
| 2DH3<br>Burst number |    |
| 2DH5<br>Burst width  |   |
| 2DH5<br>Burst number |  |

| Modulation Type: 8DPSK |                                                                                                                                                                                                                                                                     |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3DH1<br>Burst width    |  <p>Ref Level 20.00 dBm<br/>Att 30 dB<br/>RBW 1 MHz<br/>SWT 10 ms<br/>VBW 3 MHz</p> <p>1 Zero Span</p> <p>CF 2.441 GHz 8001 pts 1.0 ms</p> <p>Date: 23.SEP.2020 14:10:28</p>      |
| 3DH1<br>Burst number   |  <p>Ref Level 20.00 dBm<br/>Att 30 dB<br/>RBW 500 kHz<br/>SWT 31.6 s<br/>VBW 3 MHz</p> <p>1 Zero Span</p> <p>CF 2.441 GHz 30001 pts 3.16 s</p> <p>Date: 23.SEP.2020 14:11:03</p> |
| 3DH3<br>Burst width    |  <p>Ref Level 20.00 dBm<br/>Att 30 dB<br/>RBW 1 MHz<br/>SWT 10 ms<br/>VBW 3 MHz</p> <p>1 Zero Span</p> <p>CF 2.441 GHz 8001 pts 1.0 ms</p> <p>Date: 23.SEP.2020 14:14:54</p>    |

|                      |                                                                                      |
|----------------------|--------------------------------------------------------------------------------------|
| 3DH3<br>Burst number |    |
| 3DH5<br>Burst width  |   |
| 3DH5<br>Burst number |  |

**Appendix G: Duty Cycle Correction Factor (DCCF)**

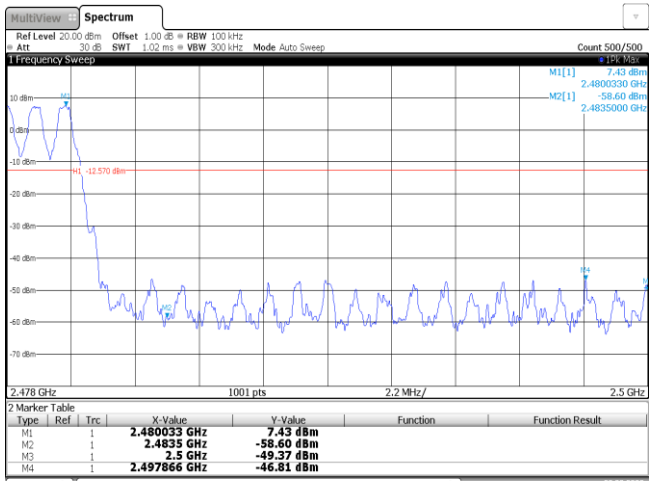
| DCCF Calculate Formula                                                                                |                      |                                            |                          |                |           |
|-------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------|--------------------------|----------------|-----------|
| $DCCF = 20 * \text{Log}(\text{duty cycle}) = 20 * \text{Log}(T_{\text{on time}} / T_{\text{period}})$ |                      |                                            |                          |                |           |
| Modulation type                                                                                       | Test Frequency (MHz) | $T_{\text{on time}}$ for single burst [ms] | $T_{\text{period}}$ [ms] | Burst Quantity | DCCF [dB] |
| GFSK                                                                                                  | 2441                 | 2.88                                       | 100                      | 3.00           | -21.27    |
| $\pi/4$ DQPSK                                                                                         | 2441                 | 2.87                                       | 100                      | 1.00           | -30.84    |
| 8DPSK                                                                                                 | 2441                 | 2.87                                       | 100                      | 1.00           | -30.84    |



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

| Test Item:              | Band edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Modulation type: | GFSK         |            |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|--------------|----------|--|--|----|---|--|------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|--------------|------------|--|--|
| CH00<br>No hopping mode | <div><div><div>MultiViewSpectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SW 1.05 ms VBW 300 kHz Mode Auto Sweep</div><div>Count 300/300</div><div>Frequency Sweep</div><div><div>10 dBm</div><div>0 dBm</div><div>-10 dBm</div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div><div>-70 dBm</div></div><div><div>M1</div><div>-12.240 dBm</div></div><div><div>M1</div><div>7.76 dBm</div><div>2.401821 GHz</div><div>M2</div><div>-50.51 dBm</div><div>2.400000 GHz</div><div>M3</div><div>-62.30 dBm</div><div>2.390000 GHz</div><div>M4</div><div>-63.29 dBm</div><div>2.310000 GHz</div><div>M5</div><div>-46.70 dBm</div><div>2.35009 GHz</div></div><div>2.31 GHz1001 pts9.5 MHz/2.405 GHz</div><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>2.401821 GHz</td><td>7.76 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-50.51 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-62.30 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.29 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.35009 GHz</td><td>-46.70 dBm</td><td></td><td></td></tr></table></div><div>Date: 23.SEP.2020 11:23:08</div></div></div> |                  |              | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.401821 GHz | 7.76 dBm |  |  | M2 | 1 |  | 2.4 GHz    | -50.51 dBm |  |  | M3 | 1 |  | 2.39 GHz | -62.30 dBm |  |  | M4 | 1 |  | 2.31 GHz     | -63.29 dBm |  |  | M5 | 1 |  | 2.35009 GHz  | -46.70 dBm |  |  |
| Type                    | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Trc              | X-Value      | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M1                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  | 2.401821 GHz | 7.76 dBm   |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M2                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  | 2.4 GHz      | -50.51 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M3                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  | 2.39 GHz     | -62.30 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M4                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  | 2.31 GHz     | -63.29 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M5                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  | 2.35009 GHz  | -46.70 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| CH00<br>Hopping mode    | <div><div><div>MultiViewSpectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SW 1.05 ms VBW 300 kHz Mode Auto Sweep</div><div>Count 500/500</div><div>Frequency Sweep</div><div><div>10 dBm</div><div>0 dBm</div><div>-10 dBm</div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div><div>-70 dBm</div></div><div><div>M1</div><div>7.86 dBm</div><div>2.402770 GHz</div><div>M2</div><div>-47.17 dBm</div><div>2.400000 GHz</div><div>M3</div><div>-47.99 dBm</div><div>2.390000 GHz</div><div>M4</div><div>-43.80 dBm</div><div>2.310000 GHz</div><div>M5</div><div>-42.62 dBm</div><div>2.345815 GHz</div></div><div>2.31 GHz1001 pts9.5 MHz/2.405 GHz</div><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>2.40277 GHz</td><td>7.86 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-47.17 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-47.99 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-43.80 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.345815 GHz</td><td>-42.62 dBm</td><td></td><td></td></tr></table></div><div>Date: 23.SEP.2020 13:46:56</div></div></div>                                              |                  |              | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.40277 GHz  | 7.86 dBm |  |  | M2 | 1 |  | 2.4 GHz    | -47.17 dBm |  |  | M3 | 1 |  | 2.39 GHz | -47.99 dBm |  |  | M4 | 1 |  | 2.31 GHz     | -43.80 dBm |  |  | M5 | 1 |  | 2.345815 GHz | -42.62 dBm |  |  |
| Type                    | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Trc              | X-Value      | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M1                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  | 2.40277 GHz  | 7.86 dBm   |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M2                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  | 2.4 GHz      | -47.17 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M3                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  | 2.39 GHz     | -47.99 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M4                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  | 2.31 GHz     | -43.80 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M5                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  | 2.345815 GHz | -42.62 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| CH78<br>No hopping mode | <div><div><div>MultiViewSpectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SW 1.02 ms VBW 300 kHz Mode Auto Sweep</div><div>Count 300/300</div><div>Frequency Sweep</div><div><div>10 dBm</div><div>0 dBm</div><div>-10 dBm</div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div><div>-70 dBm</div></div><div><div>M1</div><div>8.03 dBm</div><div>2.479813 GHz</div><div>M2</div><div>-58.08 dBm</div><div>2.483500 GHz</div><div>M3</div><div>-63.68 dBm</div><div>2.500000 GHz</div><div>M4</div><div>-57.63 dBm</div><div>2.483918 GHz</div></div><div>2.478 GHz1001 pts2.2 MHz/2.5 GHz</div><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>2.479813 GHz</td><td>8.03 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-58.08 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-63.68 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483918 GHz</td><td>-57.63 dBm</td><td></td><td></td></tr></table></div><div>Date: 23.SEP.2020 11:28:09</div></div></div>                                                                                                                                                                                                  |                  |              | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.479813 GHz | 8.03 dBm |  |  | M2 | 1 |  | 2.4835 GHz | -58.08 dBm |  |  | M3 | 1 |  | 2.5 GHz  | -63.68 dBm |  |  | M4 | 1 |  | 2.483918 GHz | -57.63 dBm |  |  |    |   |  |              |            |  |  |
| Type                    | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Trc              | X-Value      | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M1                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  | 2.479813 GHz | 8.03 dBm   |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M2                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  | 2.4835 GHz   | -58.08 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M3                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  | 2.5 GHz      | -63.68 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M4                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  | 2.483918 GHz | -57.63 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |

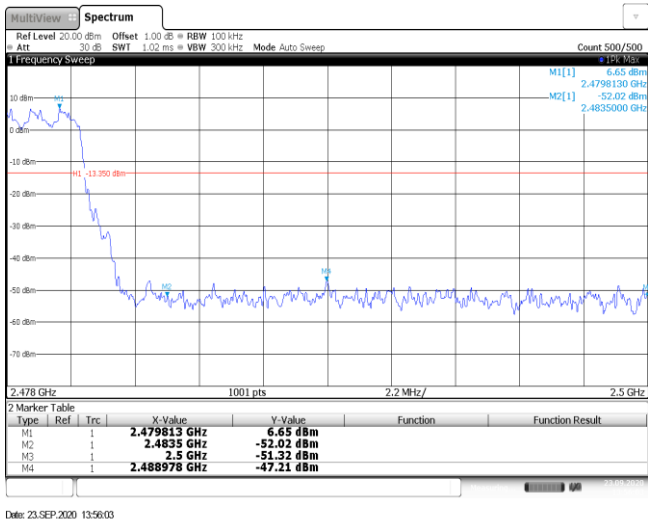
CH78  
Hopping mode



Date: 23.SEP.2020 13:49:11

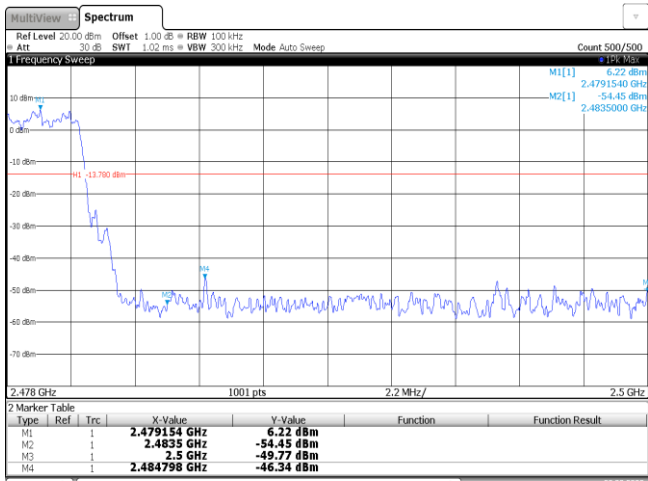
| Test Item:              | Band edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Modulation type: | $\pi/4$ DQPSK |            |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|--------------|----------|--|--|----|---|--|------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|--------------|------------|--|--|
| CH00<br>No hopping mode | <div><div>MultiView Spectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SW 1.05 ms VBW 300 kHz Mode Auto Sweep</div><div>Count 500/500</div><div>Frequency Sweep</div><div><div>M1[1] 7.27 dBm<br/>2.401821 GHz</div><div>M2[1] -49.91 dBm<br/>2.400000 GHz</div></div><div><div>-12.730 dBm</div><div>M1 -12.730 dBm</div></div><div><div>2.31 GHz</div><div>1001 pts</div><div>9.5 MHz/</div><div>2.405 GHz</div></div><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>2.401821 GHz</td><td>7.27 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-49.91 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-62.43 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.79 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.349805 GHz</td><td>-47.51 dBm</td><td></td><td></td></tr></table></div></div> <div>Date: 23.SEP.2020 11:35:14</div> |                  |               | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.401821 GHz | 7.27 dBm |  |  | M2 | 1 |  | 2.4 GHz    | -49.91 dBm |  |  | M3 | 1 |  | 2.39 GHz | -62.43 dBm |  |  | M4 | 1 |  | 2.31 GHz     | -63.79 dBm |  |  | M5 | 1 |  | 2.349805 GHz | -47.51 dBm |  |  |
| Type                    | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Trc              | X-Value       | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M1                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | 2.401821 GHz  | 7.27 dBm   |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M2                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | 2.4 GHz       | -49.91 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M3                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | 2.39 GHz      | -62.43 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M4                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | 2.31 GHz      | -63.79 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M5                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | 2.349805 GHz  | -47.51 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| CH00<br>Hopping mode    | <div><div>MultiView Spectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SW 1.05 ms VBW 300 kHz Mode Auto Sweep</div><div>Count 500/500</div><div>Frequency Sweep</div><div><div>M1[1] 7.27 dBm<br/>2.401821 GHz</div><div>M2[1] -50.89 dBm<br/>2.400000 GHz</div></div><div><div>-12.730 dBm</div><div>M1 -12.730 dBm</div></div><div><div>2.31 GHz</div><div>1001 pts</div><div>9.5 MHz/</div><div>2.405 GHz</div></div><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>2.401821 GHz</td><td>7.27 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-50.89 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-51.39 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-46.52 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.339735 GHz</td><td>-43.14 dBm</td><td></td><td></td></tr></table></div></div> <div>Date: 23.SEP.2020 13:54:30</div> |                  |               | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.401821 GHz | 7.27 dBm |  |  | M2 | 1 |  | 2.4 GHz    | -50.89 dBm |  |  | M3 | 1 |  | 2.39 GHz | -51.39 dBm |  |  | M4 | 1 |  | 2.31 GHz     | -46.52 dBm |  |  | M5 | 1 |  | 2.339735 GHz | -43.14 dBm |  |  |
| Type                    | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Trc              | X-Value       | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M1                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | 2.401821 GHz  | 7.27 dBm   |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M2                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | 2.4 GHz       | -50.89 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M3                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | 2.39 GHz      | -51.39 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M4                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | 2.31 GHz      | -46.52 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M5                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | 2.339735 GHz  | -43.14 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| CH78<br>No hopping mode | <div><div>MultiView Spectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SW 1.02 ms VBW 300 kHz Mode Auto Sweep</div><div>Count 500/500</div><div>Frequency Sweep</div><div><div>M1[1] 6.62 dBm<br/>2.479813 GHz</div><div>M2[1] -59.80 dBm<br/>2.483500 GHz</div></div><div><div>-13.900 dBm</div><div>M1 -13.900 dBm</div></div><div><div>2.478 GHz</div><div>1001 pts</div><div>2.2 MHz/</div><div>2.5 GHz</div></div><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>2.479813 GHz</td><td>6.62 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-59.80 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-61.43 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.497184 GHz</td><td>-58.23 dBm</td><td></td><td></td></tr></table></div></div> <div>Date: 23.SEP.2020 14:27:49</div>                                                                                             |                  |               | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.479813 GHz | 6.62 dBm |  |  | M2 | 1 |  | 2.4835 GHz | -59.80 dBm |  |  | M3 | 1 |  | 2.5 GHz  | -61.43 dBm |  |  | M4 | 1 |  | 2.497184 GHz | -58.23 dBm |  |  |    |   |  |              |            |  |  |
| Type                    | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Trc              | X-Value       | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M1                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | 2.479813 GHz  | 6.62 dBm   |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M2                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | 2.4835 GHz    | -59.80 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M3                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | 2.5 GHz       | -61.43 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M4                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | 2.497184 GHz  | -58.23 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |

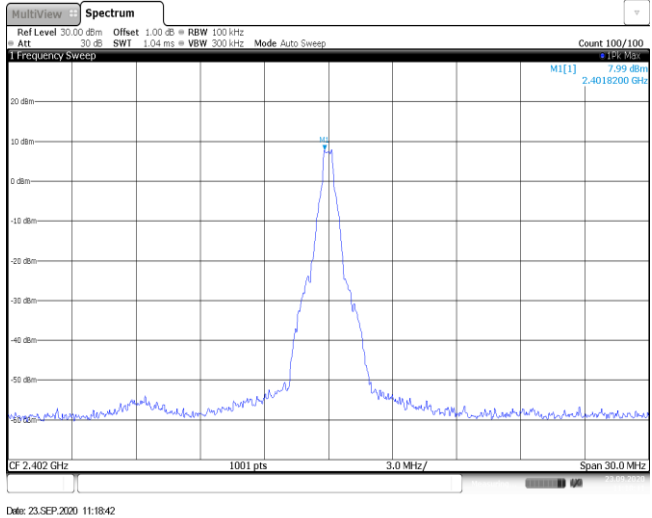
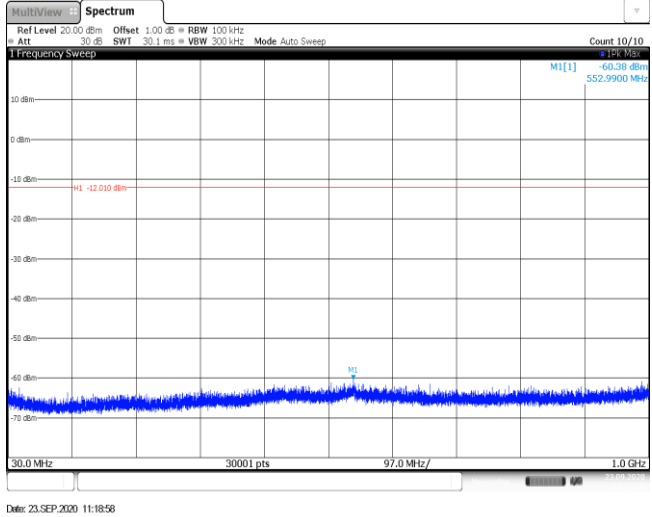
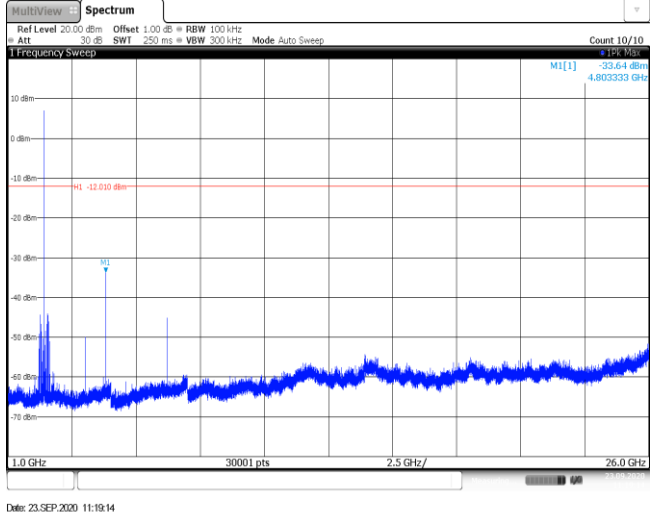
CH78  
Hopping mode

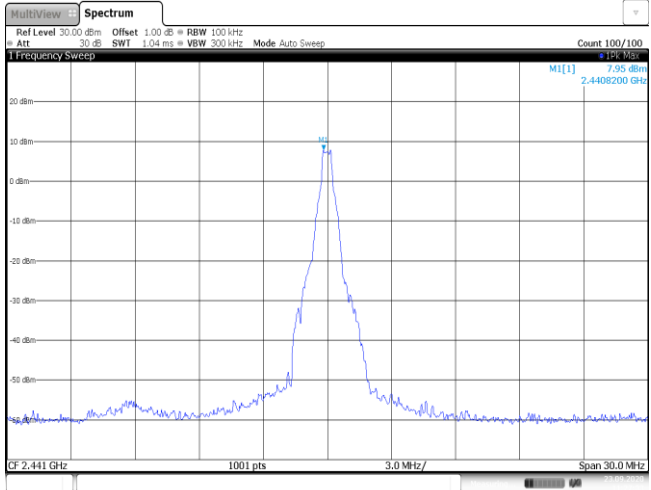
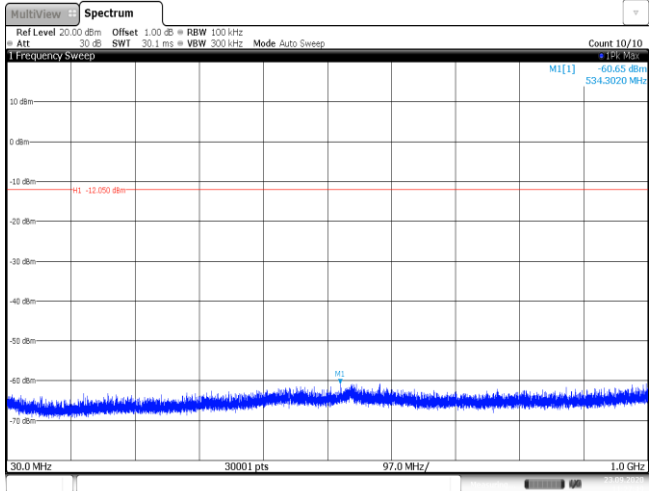
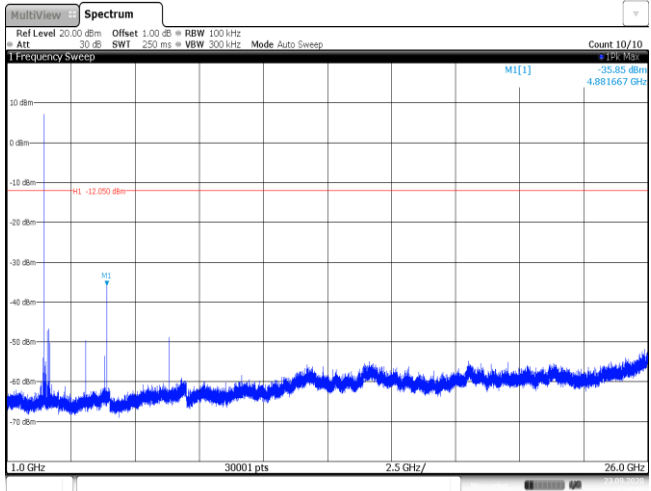


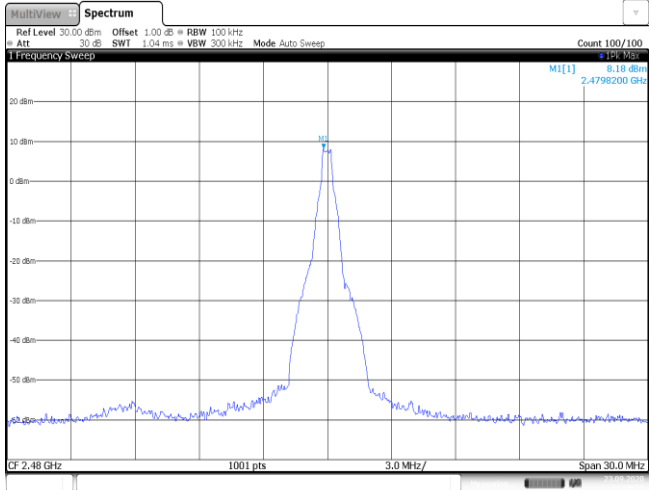
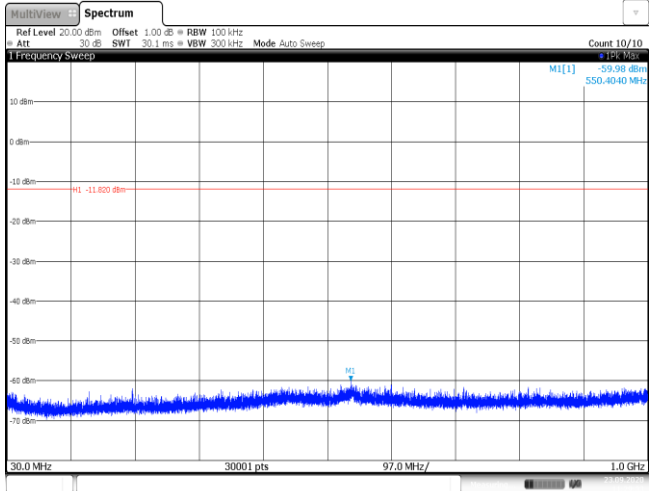
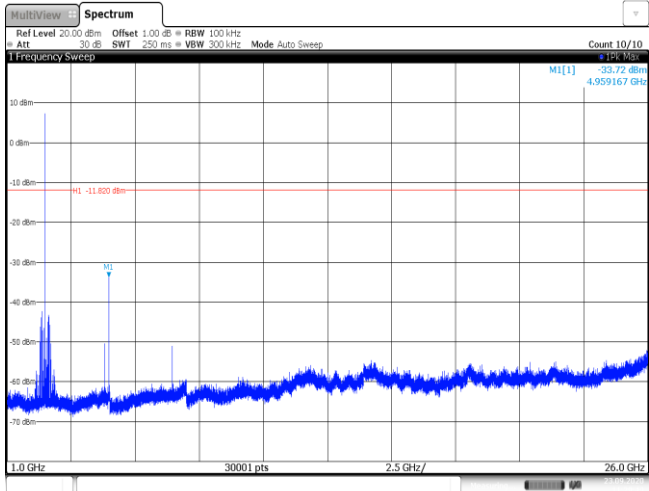
| Test Item:              | Band edge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Modulation type: | 8DPSK        |            |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|--------------|----------|--|--|----|---|--|------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|--------------|------------|--|--|
| CH00<br>No hopping mode | <div><div>MultiView Spectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SW 1.05 ms VBW 300 kHz Mode Auto Sweep</div><div>Count 500/500</div><div>Frequency Sweep</div><div>M1[1] 7.29 dBm<br/>M2[1] 2.401821 GHz<br/>M3[1] 2.400000 GHz</div><div>M1 -12.70 dBm</div><div>2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz</div><div>2 Marker Table</div><table><thead><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.401821 GHz</td><td>7.29 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-51.40 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-62.43 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-61.94 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.35009 GHz</td><td>-47.30 dBm</td><td></td><td></td></tr></tbody></table><div>Date: 23.SEP.2020 13:38:46</div></div> |                  |              | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.401821 GHz | 7.29 dBm |  |  | M2 | 1 |  | 2.4 GHz    | -51.40 dBm |  |  | M3 | 1 |  | 2.39 GHz | -62.43 dBm |  |  | M4 | 1 |  | 2.31 GHz     | -61.94 dBm |  |  | M5 | 1 |  | 2.35009 GHz  | -47.30 dBm |  |  |
| Type                    | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Trc              | X-Value      | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M1                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  | 2.401821 GHz | 7.29 dBm   |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M2                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  | 2.4 GHz      | -51.40 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M3                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  | 2.39 GHz     | -62.43 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M4                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  | 2.31 GHz     | -61.94 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M5                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  | 2.35009 GHz  | -47.30 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| CH00<br>Hopping mode    | <div><div>MultiView Spectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SW 1.05 ms VBW 300 kHz Mode Auto Sweep</div><div>Count 500/500</div><div>Frequency Sweep</div><div>M1[1] 7.05 dBm<br/>M2[1] 2.402105 GHz<br/>M3[1] -52.91 dBm</div><div>M1 -12.90 dBm</div><div>2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz</div><div>2 Marker Table</div><table><thead><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.402105 GHz</td><td>7.05 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-52.91 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-53.77 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-50.18 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.311045 GHz</td><td>-44.52 dBm</td><td></td><td></td></tr></tbody></table><div>Date: 23.SEP.2020 14:01:01</div></div>  |                  |              | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.402105 GHz | 7.05 dBm |  |  | M2 | 1 |  | 2.4 GHz    | -52.91 dBm |  |  | M3 | 1 |  | 2.39 GHz | -53.77 dBm |  |  | M4 | 1 |  | 2.31 GHz     | -50.18 dBm |  |  | M5 | 1 |  | 2.311045 GHz | -44.52 dBm |  |  |
| Type                    | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Trc              | X-Value      | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M1                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  | 2.402105 GHz | 7.05 dBm   |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M2                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  | 2.4 GHz      | -52.91 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M3                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  | 2.39 GHz     | -53.77 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M4                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  | 2.31 GHz     | -50.18 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M5                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  | 2.311045 GHz | -44.52 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| CH78<br>No hopping mode | <div><div>MultiView Spectrum</div><div>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz<br/>Att 30 dB SW 1.02 ms VBW 300 kHz Mode Auto Sweep</div><div>Count 500/500</div><div>Frequency Sweep</div><div>M1[1] 6.64 dBm<br/>M2[1] 2.479813 GHz<br/>M3[1] -58.71 dBm</div><div>M1 -13.370 dBm</div><div>2.478 GHz 1001 pts 2.2 MHz/ 2.5 GHz</div><div>2 Marker Table</div><table><thead><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.479813 GHz</td><td>6.64 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-58.71 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-62.11 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.492542 GHz</td><td>-58.29 dBm</td><td></td><td></td></tr></tbody></table><div>Date: 23.SEP.2020 13:43:48</div></div>                                                                                             |                  |              | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.479813 GHz | 6.64 dBm |  |  | M2 | 1 |  | 2.4835 GHz | -58.71 dBm |  |  | M3 | 1 |  | 2.5 GHz  | -62.11 dBm |  |  | M4 | 1 |  | 2.492542 GHz | -58.29 dBm |  |  |    |   |  |              |            |  |  |
| Type                    | Ref                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Trc              | X-Value      | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M1                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  | 2.479813 GHz | 6.64 dBm   |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M2                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  | 2.4835 GHz   | -58.71 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M3                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  | 2.5 GHz      | -62.11 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M4                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  | 2.492542 GHz | -58.29 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |

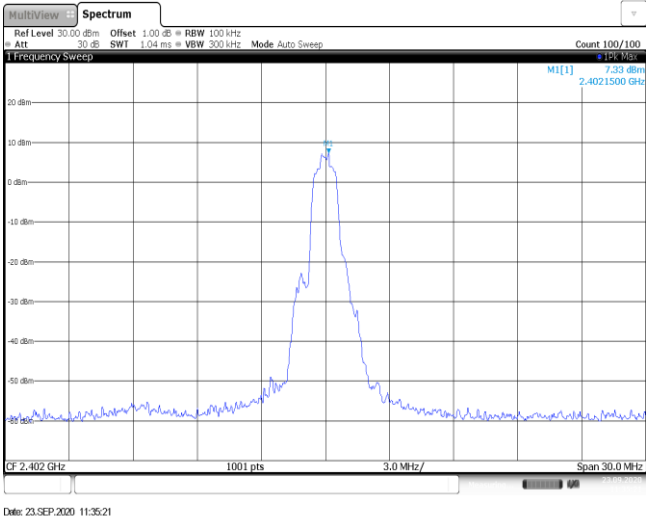
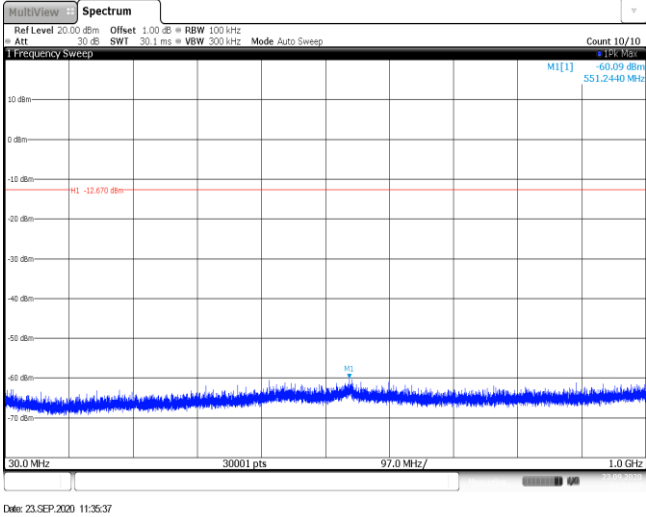
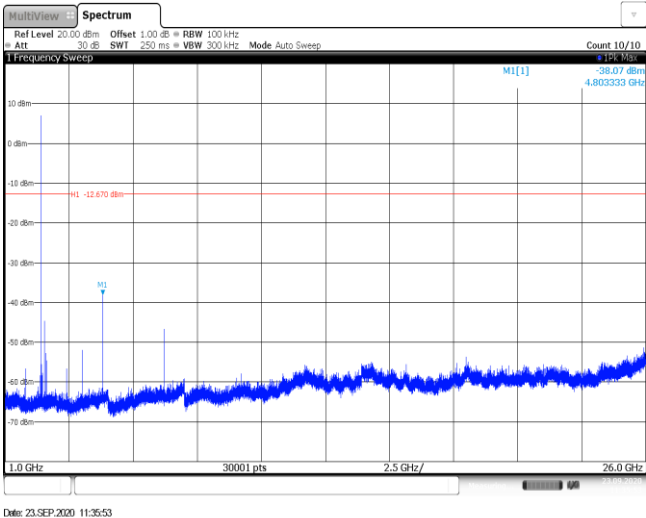
CH78  
Hoppig mode



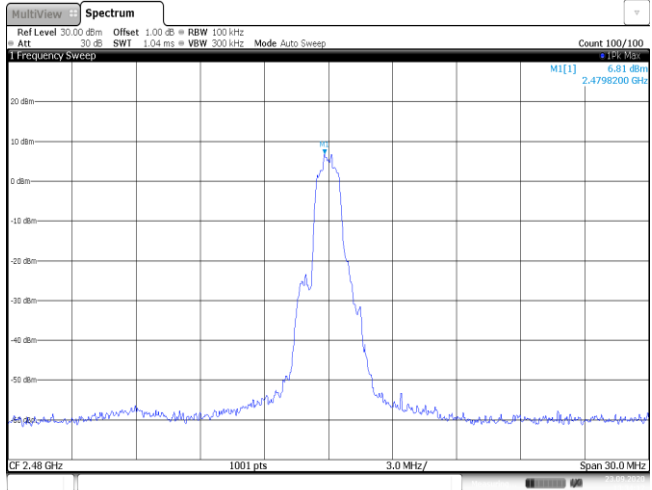
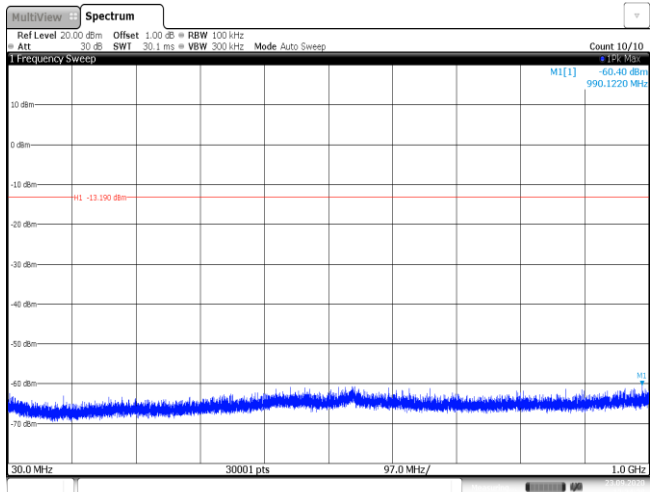
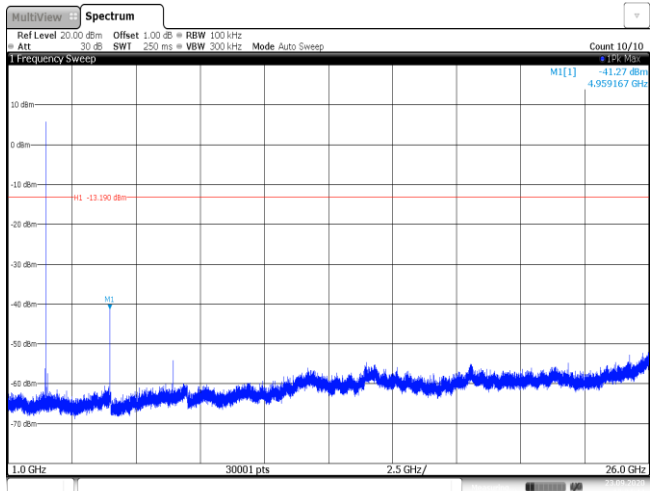
| Test Item:              | Spurious Emission                                                                    | Modulation type: | GFSK |
|-------------------------|--------------------------------------------------------------------------------------|------------------|------|
| CH00<br>Reference level |    |                  |      |
| CH00<br>30MHz~1000MHz   |   |                  |      |
| CH00<br>1GHz~26GHz      |  |                  |      |

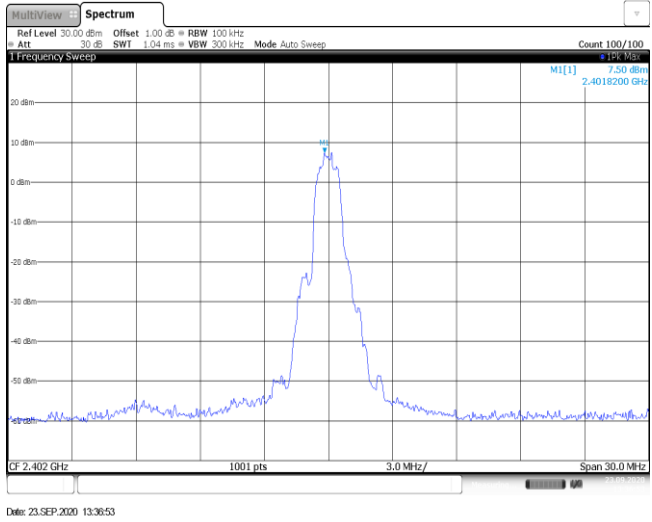
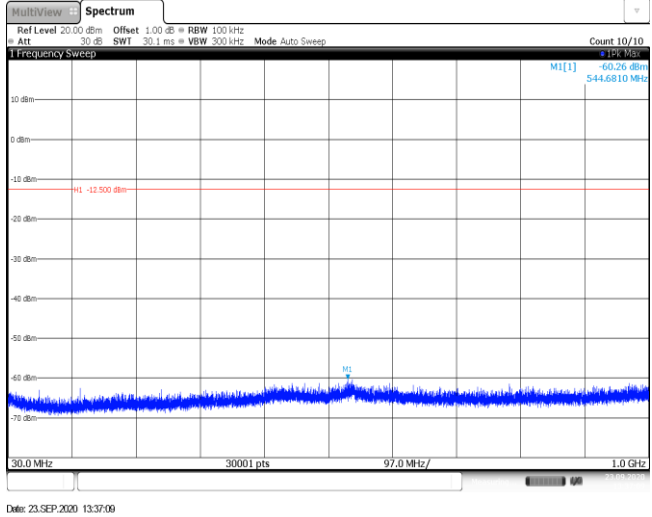
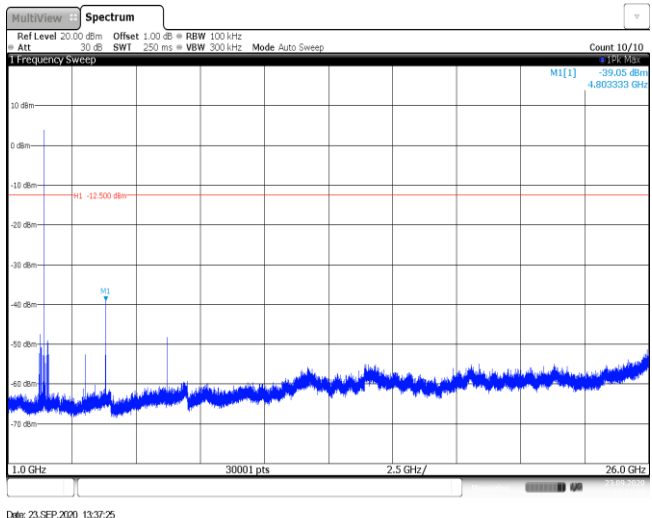
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>CH39<br/>Reference level</p> |  <p>The spectrum plot shows a single sharp peak at 2.441 GHz. The y-axis represents power in dBm, ranging from -70 to 20. The x-axis represents frequency in MHz, with a span of 30.0 MHz. The peak is labeled M1[1] with a value of 7.95 dBm. The plot includes technical parameters: Ref Level 30.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 1.04 ms, VBW 300 kHz, Mode Auto Sweep, Count 100/100. The date is 23.SEP.2020 11:27:33.</p>                           |
| <p>CH39<br/>30MHz~1000MHz</p>   |  <p>The spectrum plot shows a noisy baseline across the 30 MHz to 1000 MHz range. The y-axis ranges from -70 to 10 dBm. The x-axis ranges from 30.0 MHz to 1.0 GHz. A red horizontal line is drawn at -12.050 dBm. A small peak is labeled M1 with a value of -60.65 dBm. The plot includes technical parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 30.1 ms, VBW 300 kHz, Mode Auto Sweep, Count 10/10. The date is 23.SEP.2020 11:27:49.</p> |
| <p>CH39<br/>1GHz~26GHz</p>      |  <p>The spectrum plot shows a noisy baseline across the 1 GHz to 26 GHz range. The y-axis ranges from -70 to 10 dBm. The x-axis ranges from 1.0 GHz to 26.0 GHz. A red horizontal line is drawn at -12.050 dBm. A small peak is labeled M1 with a value of -35.85 dBm. The plot includes technical parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 250 ms, VBW 300 kHz, Mode Auto Sweep, Count 10/10. The date is 23.SEP.2020 11:28:05.</p>    |

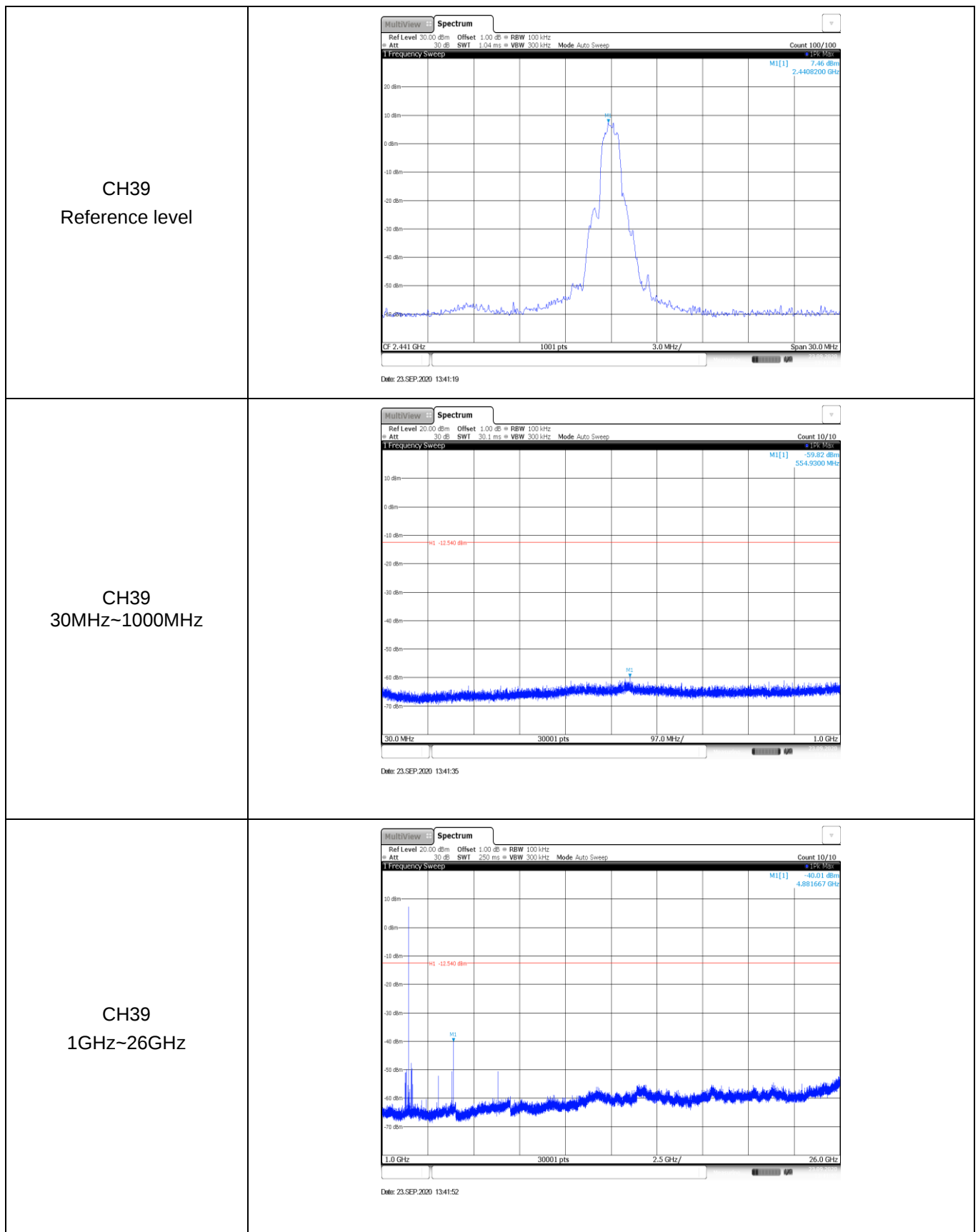
|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>CH78<br/>Reference level</p> |  <p>The spectrum plot shows a single sharp peak at 2.4798200 GHz with a magnitude of 8.18 dBm. The x-axis ranges from 2.46 GHz to 2.49 GHz, and the y-axis ranges from -50 dBm to 20 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 30.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 1.04 ms, VBW 300 kHz, Mode Auto Sweep, Count 100/100. The date is 23.SEP.2020 11:29:16.</p> |
| <p>CH78<br/>30MHz~1000MHz</p>   |  <p>The spectrum plot shows a flat noise floor across the 30 MHz to 1000 MHz range. The x-axis ranges from 30.0 MHz to 1.0 GHz, and the y-axis ranges from -70 dBm to 10 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 30.1 ms, VBW 300 kHz, Mode Auto Sweep, Count 10/10. The date is 23.SEP.2020 11:29:32.</p>              |
| <p>CH78<br/>1GHz~26GHz</p>      |  <p>The spectrum plot shows a flat noise floor across the 1 GHz to 26 GHz range. The x-axis ranges from 1.0 GHz to 26.0 GHz, and the y-axis ranges from -70 dBm to 10 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 250 ms, VBW 300 kHz, Mode Auto Sweep, Count 10/10. The date is 23.SEP.2020 11:29:48.</p>                 |

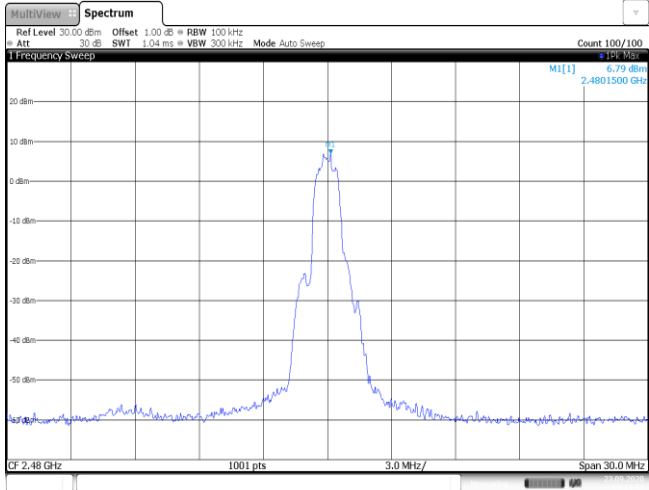
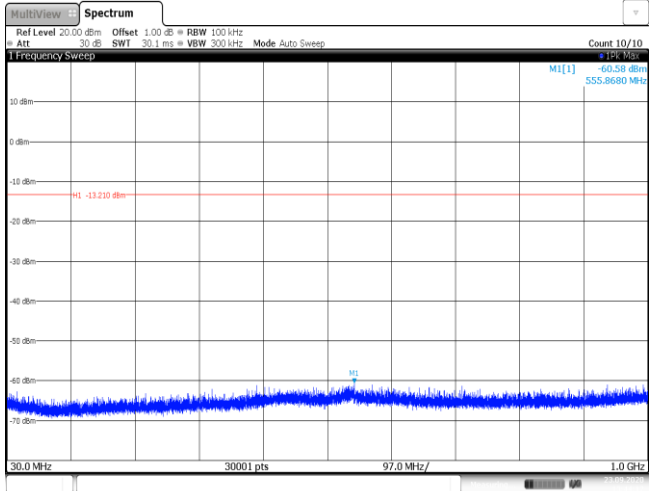
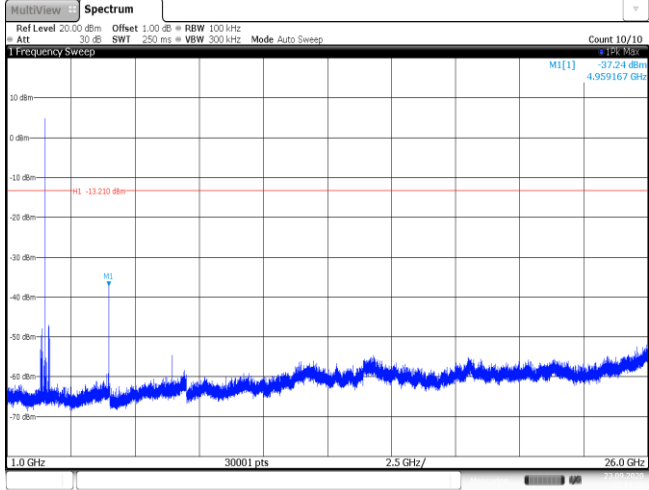
| Test Item:              | Spurious Emission                                                                    | Modulation type: | $\pi/4$ DQPSK |
|-------------------------|--------------------------------------------------------------------------------------|------------------|---------------|
| CH00<br>Reference level |    |                  |               |
| CH00<br>30MHz~1000MHz   |   |                  |               |
| CH00<br>1GHz~26GHz      |  |                  |               |

|                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div data-bbox="236 389 422 459" data-label="Text"><p>CH39<br/>Reference level</p></div> | <div data-bbox="684 161 1335 678" data-label="Figure"><p>This spectrum plot shows a single prominent peak at 2.441 GHz. The y-axis represents power in dBm, ranging from -70 to 20. The x-axis represents frequency in MHz, with a span of 30.0 MHz. The peak is labeled with a count of 100/100 and a value of 7.33 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 30.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 1.04 ms, VBW 300 kHz, and Mode Auto Sweep. The date is 23.SEP.2020 13:32:07.</p></div> |
| <div data-bbox="221 960 437 1021" data-label="Text"><p>CH39<br/>30MHz~1000MHz</p></div>  | <div data-bbox="684 707 1335 1225" data-label="Figure"><p>This spectrum plot shows a flat noise floor across the 30 MHz to 1000 MHz range. The y-axis ranges from -70 to 10 dBm. The x-axis ranges from 30.0 MHz to 1.0 GHz. A red horizontal line is drawn at -12.670 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 30.1 ms, VBW 300 kHz, and Mode Auto Sweep. The date is 23.SEP.2020 13:32:23.</p></div>                                               |
| <div data-bbox="244 1543 414 1610" data-label="Text"><p>CH39<br/>1GHz~26GHz</p></div>    | <div data-bbox="684 1294 1335 1812" data-label="Figure"><p>This spectrum plot shows multiple peaks across the 1 GHz to 26 GHz range. The y-axis ranges from -70 to 10 dBm. The x-axis ranges from 1.0 GHz to 26.0 GHz. A red horizontal line is drawn at -12.670 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 250 ms, VBW 300 kHz, and Mode Auto Sweep. The date is 23.SEP.2020 13:32:40.</p></div>                                                      |

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>CH78<br/>Reference level</p> |  <p>The spectrum plot shows a single sharp peak at 2.48 GHz. The y-axis represents power in dBm, ranging from -80 to 20. The x-axis represents frequency in MHz, with a span of 30.0 MHz. The peak is labeled with a count of 100/100 and a value of 6.81 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 30.00 dBm, Offset 1.00 dB, RBW 100 kHz, Mode Auto Sweep, Count 100/100, MI[1] 6.81 dBm, 2.4798200 GHz. The date is 23.SEP.2020 13:34:12.</p>  |
| <p>CH78<br/>30MHz~1000MHz</p>   |  <p>The spectrum plot shows a flat noise floor across the 30 MHz to 1000 MHz range. The y-axis represents power in dBm, ranging from -80 to 10. The x-axis represents frequency in MHz, with a span of 97.0 MHz. A red horizontal line is drawn at -13.190 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Mode Auto Sweep, Count 10/10, MI[1] -60.40 dBm, 990.1220 MHz. The date is 23.SEP.2020 13:34:28.</p> |
| <p>CH78<br/>1GHz~26GHz</p>      |  <p>The spectrum plot shows a flat noise floor across the 1 GHz to 26 GHz range. The y-axis represents power in dBm, ranging from -80 to 10. The x-axis represents frequency in GHz, with a span of 2.5 GHz. A red horizontal line is drawn at -13.190 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Mode Auto Sweep, Count 10/10, MI[1] -41.27 dBm, 4.959167 GHz. The date is 23.SEP.2020 13:34:44.</p>    |

| Test Item:              | Spurious Emission                                                                                                  | Modulation type: | 8DPSK |
|-------------------------|--------------------------------------------------------------------------------------------------------------------|------------------|-------|
| CH00<br>Reference level |  <p>CH00<br/>Reference level</p> |                  |       |
| CH00<br>30MHz~1000MHz   |  <p>CH00<br/>30MHz~1000MHz</p>  |                  |       |
| CH00<br>1GHz~26GHz      |  <p>CH00<br/>1GHz~26GHz</p>    |                  |       |



|                         |                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------|
| CH78<br>Reference level |    |
| CH78<br>30MHz~1000MHz   |   |
| CH78<br>1GHz~26GHz      |  |

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