

# APPENDIX REPORT

|                 |                 |                     |               |
|-----------------|-----------------|---------------------|---------------|
| Project No.     | SHT2107001003EW | Radio Specification | Bluetooth EDR |
| Test sample No. | YPHT21070010040 | Model No.           | E506          |
| Start test date | 2021/7/6        | Finish date         | 2021/7/28     |
| Temperature     | 24.1°C          | Humidity            | 30%           |
| 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   |

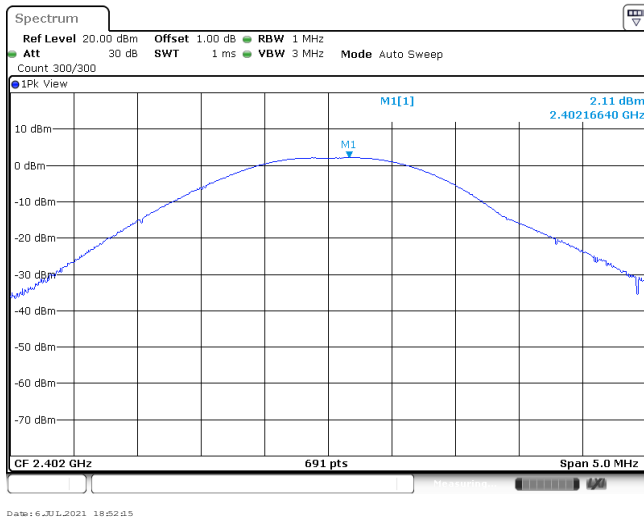
**Appendix A: Peak Output Power**

| Modulation type | Channel | Output power (dBm) | Average Output power (dBm) | Limit (dBm) | Result |
|-----------------|---------|--------------------|----------------------------|-------------|--------|
| GFSK            | 00      | 2.11               | 2.10                       | ≤ 30.00     | Pass   |
|                 | 39      | 1.44               | 1.43                       |             |        |
|                 | 78      | 2.86               | 2.84                       |             |        |
| π/4DQPSK        | 00      | 2.90               | 1.54                       | ≤ 21.00     | Pass   |
|                 | 39      | 2.33               | 0.62                       |             |        |
|                 | 78      | 3.85               | 2.49                       |             |        |
| 8DPSK           | 00      | 3.13               | 1.57                       | ≤ 21.00     | Pass   |
|                 | 39      | 2.57               | 0.60                       |             |        |
|                 | 78      | 4.17               | 2.71                       |             |        |

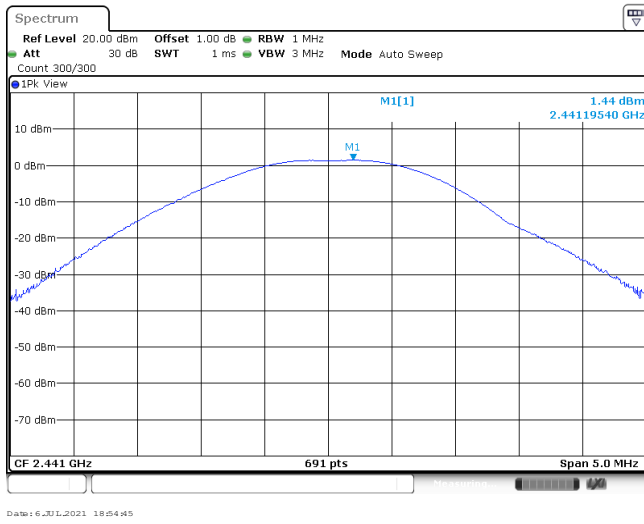
Modulation Type:

GFSK

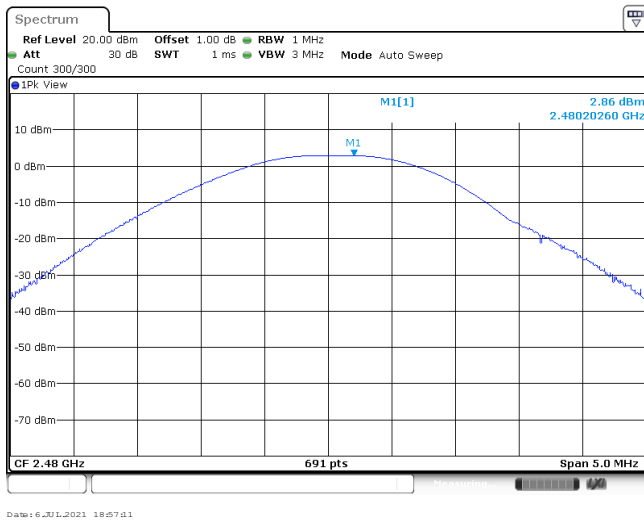
CH00



CH39



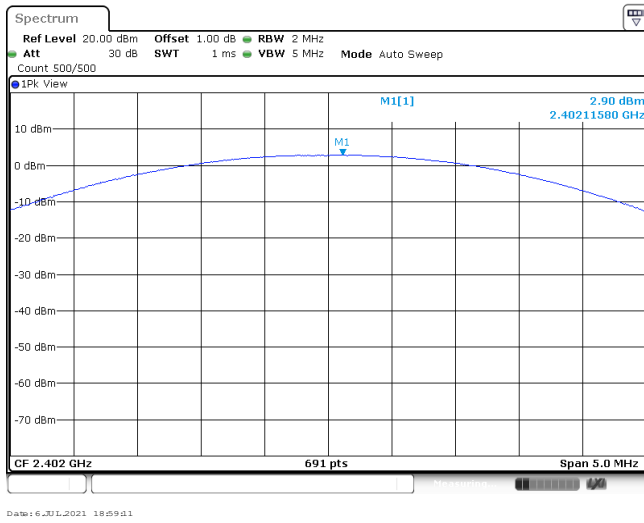
CH78



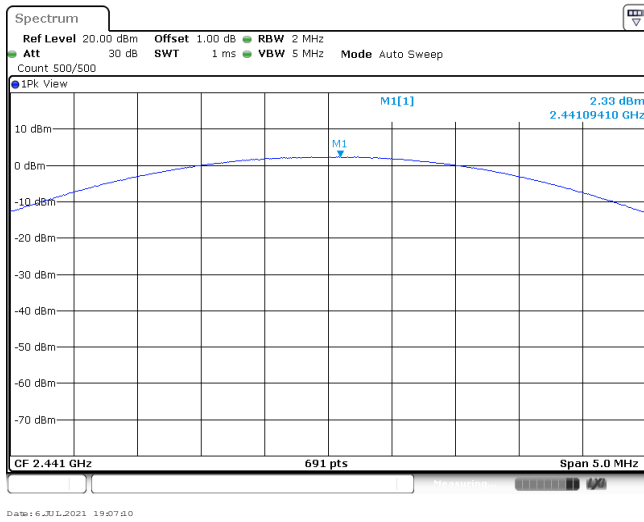
Modulation Type:

$\pi/4$ DQPSK

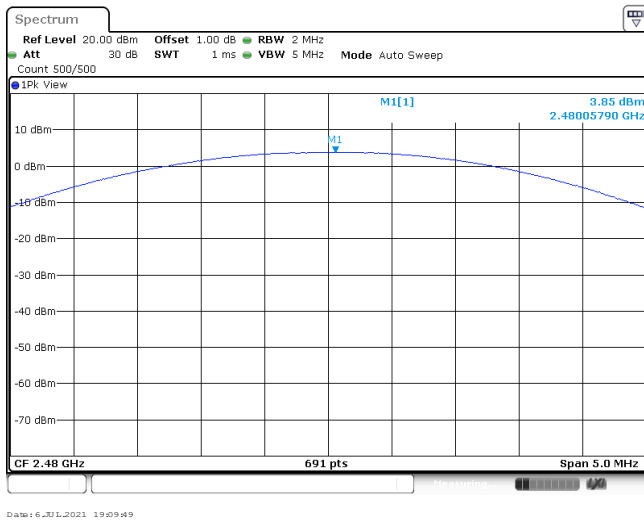
CH00



CH39



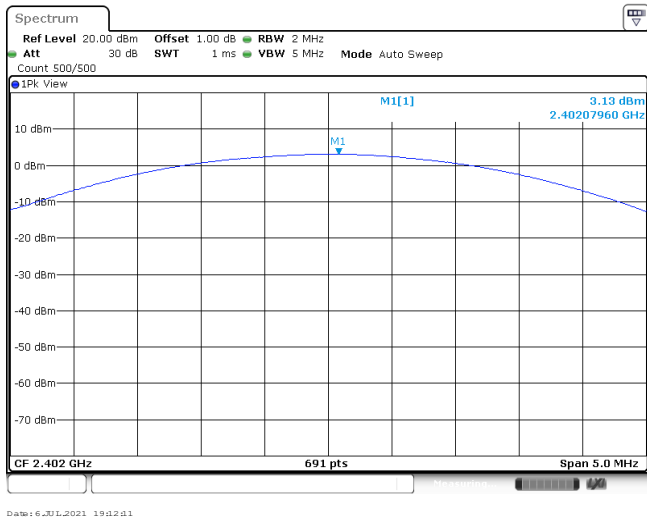
CH78



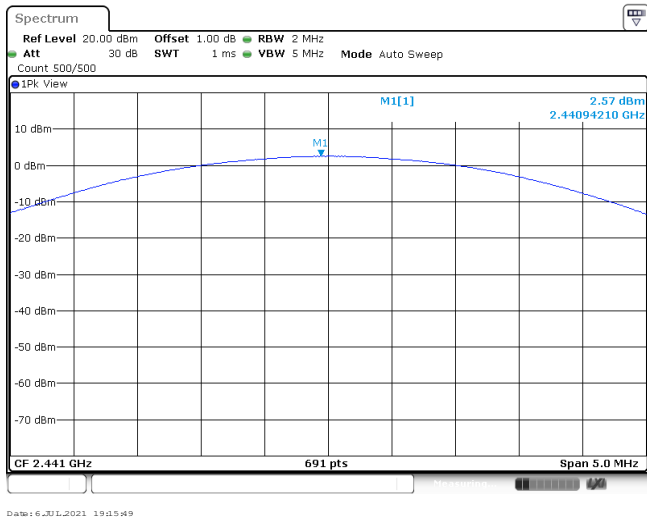
Modulation Type:

8DPSK

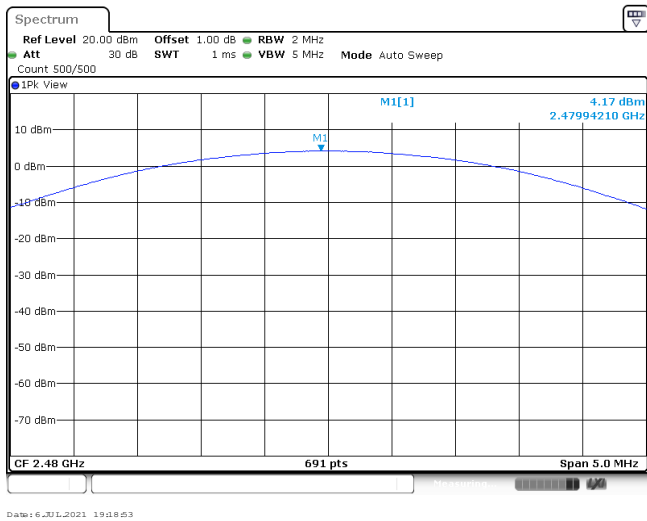
CH00



CH39



CH78

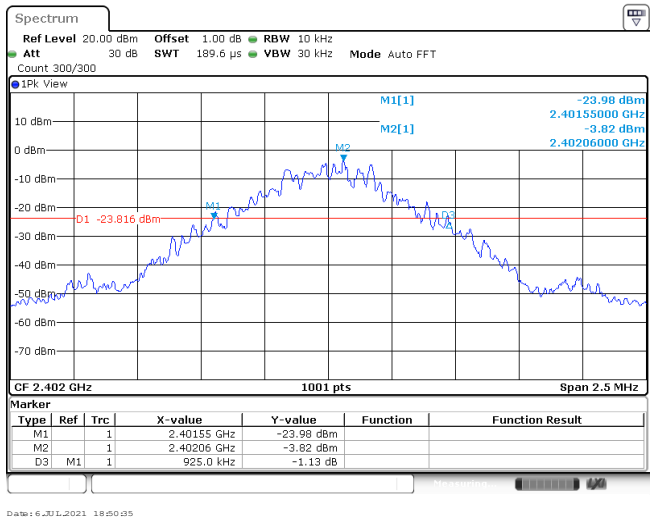


**Appendix B : 20 dB Bandwidth**

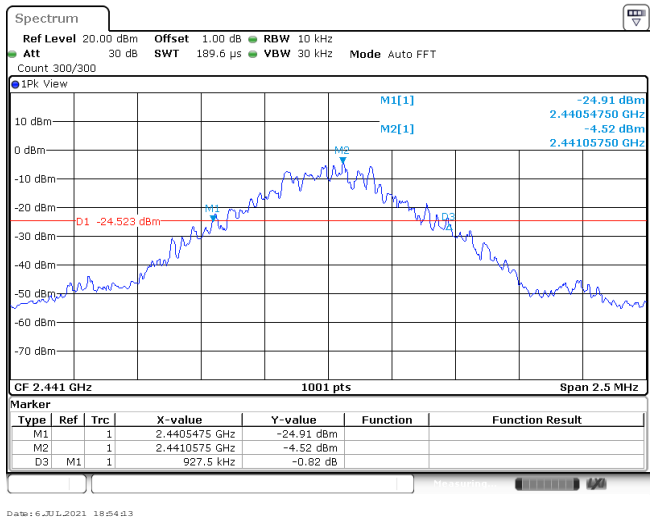
| Modulation type | Channel | 20 dB Bandwidth (kHz) | Limit (kHz) | Result |
|-----------------|---------|-----------------------|-------------|--------|
| GFSK            | 00      | 925.00                | -           | Pass   |
|                 | 39      | 927.50                |             |        |
|                 | 78      | 925.00                |             |        |
| $\pi/4$ DQPSK   | 00      | 1290.00               | -           | Pass   |
|                 | 39      | 1290.00               |             |        |
|                 | 78      | 1290.00               |             |        |
| 8DPSK           | 00      | 1297.50               | -           | Pass   |
|                 | 39      | 1300.00               |             |        |
|                 | 78      | 1297.50               |             |        |

**Modulation Type: GFSK**

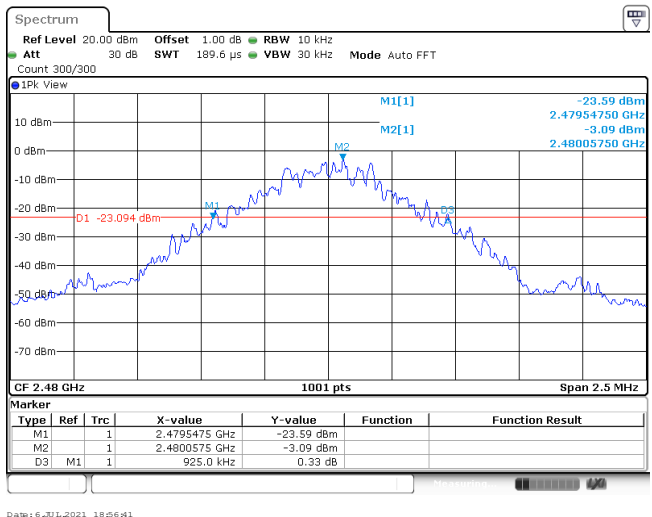
CH00



CH39

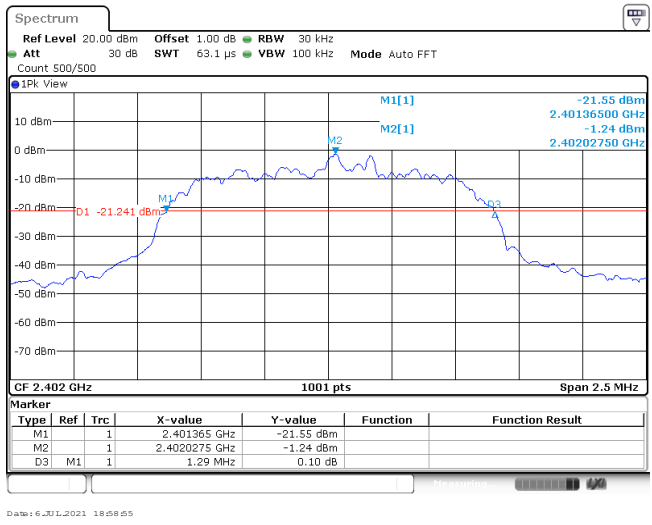


CH78

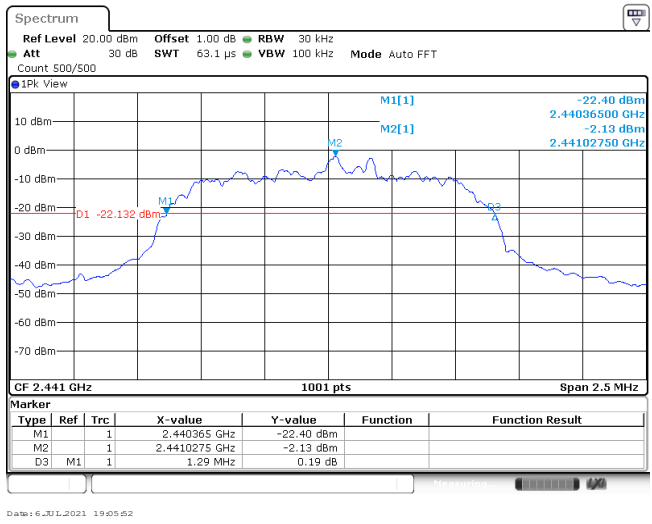


Modulation Type:  $\pi/4$ DQPSK

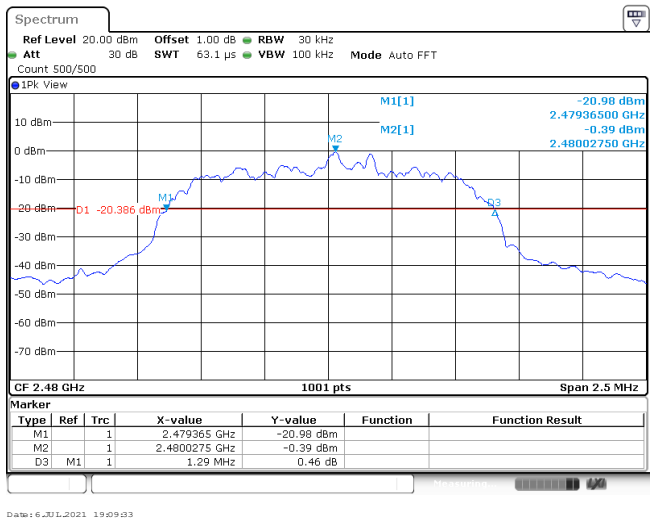
CH00



CH39



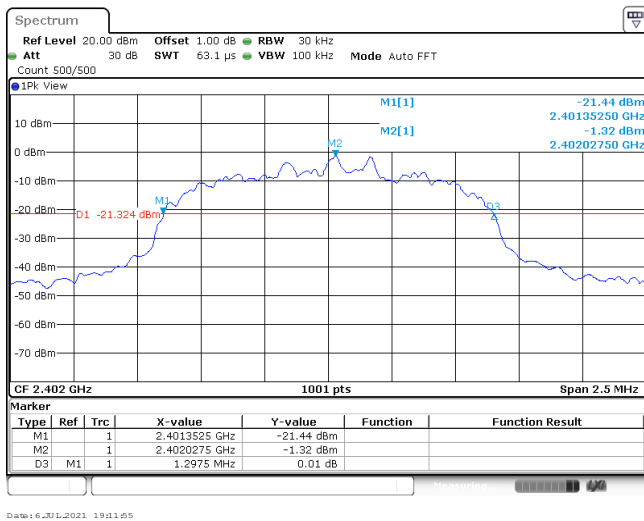
CH78



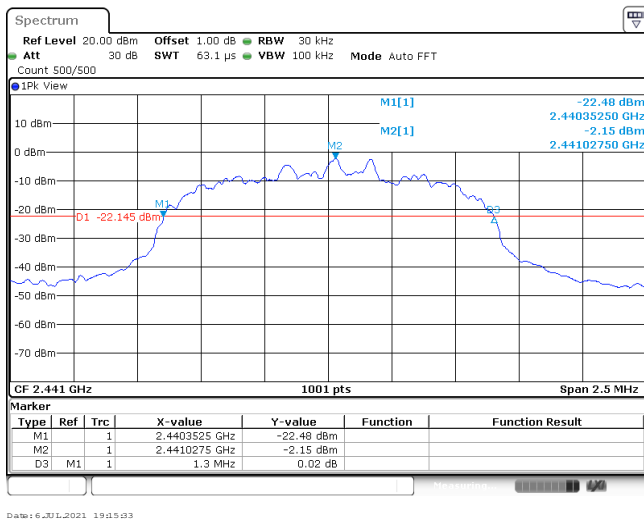


**Modulation Type: 8DPSK**

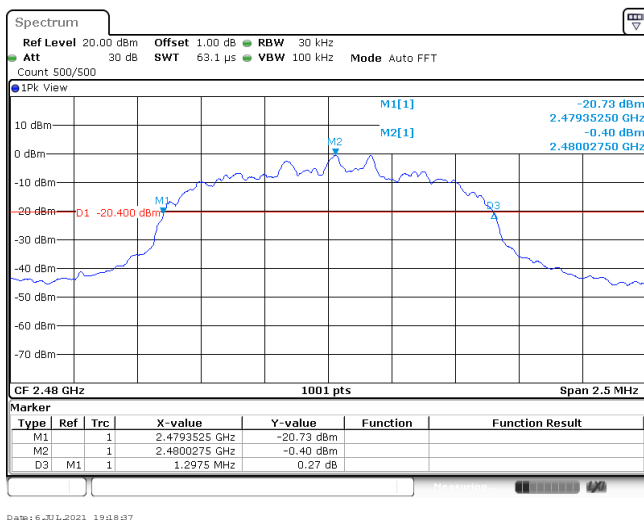
CH00



CH39



CH78

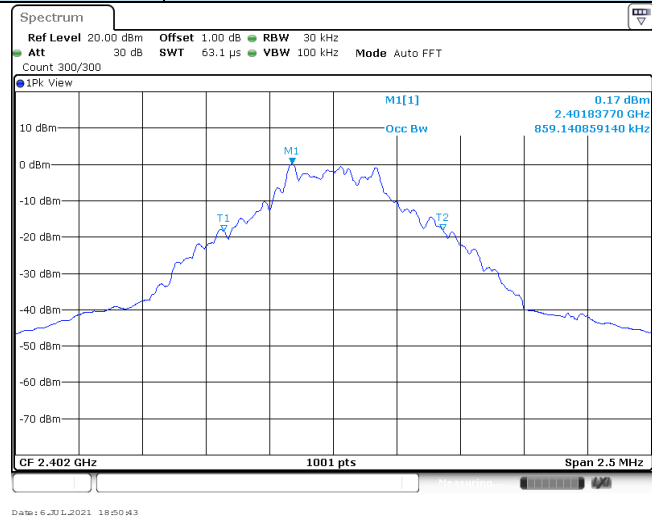


**Appendix C: 99% Occupied Bandwidth**

| Modulation type | Channel | 99% Occupied Bandwidth (MHz) | Limit (MHz) | Result |
|-----------------|---------|------------------------------|-------------|--------|
| GFSK            | 00      | 0.86                         | -           | Pass   |
|                 | 39      | 0.86                         |             |        |
|                 | 78      | 0.86                         |             |        |
| $\pi/4$ DQPSK   | 00      | 1.18                         | -           | Pass   |
|                 | 39      | 1.18                         |             |        |
|                 | 78      | 1.18                         |             |        |
| 8DPSK           | 00      | 1.18                         | -           | Pass   |
|                 | 39      | 1.18                         |             |        |
|                 | 78      | 1.18                         |             |        |

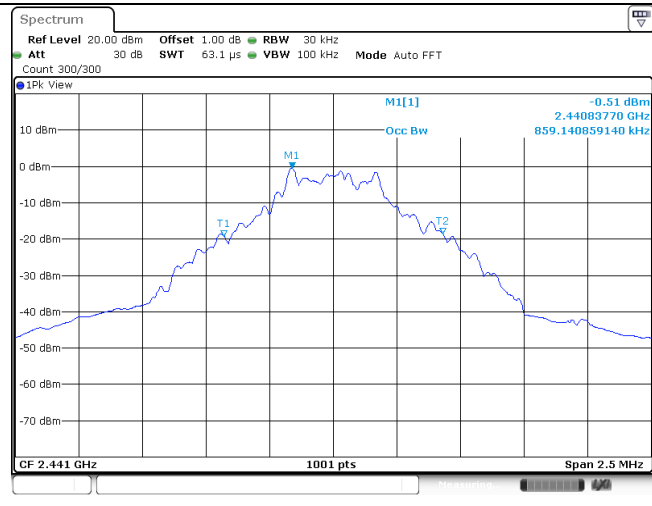
**Modulation Type: GFSK**

CH00



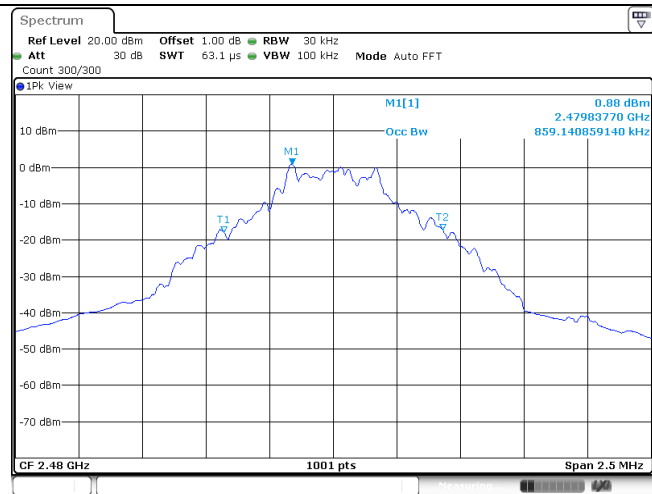
Date: 6/30/2021 18:50:43

CH39



Date: 6/30/2021 18:54:20

CH78



Date: 6/30/2021 18:56:49

Modulation Type:

$\pi$ /4DQPSK

CH00



Date: 6/30/2021 18:59:03

CH39



Date: 6/30/2021 19:06:00

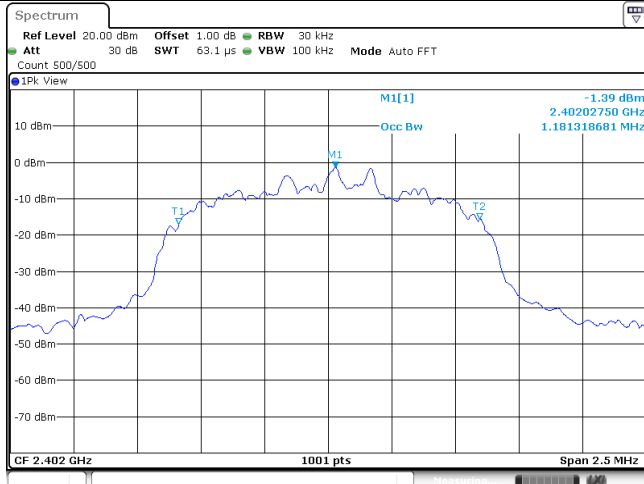
CH78



Date: 6/30/2021 19:09:40

**Modulation Type: 8DPSK**

CH00



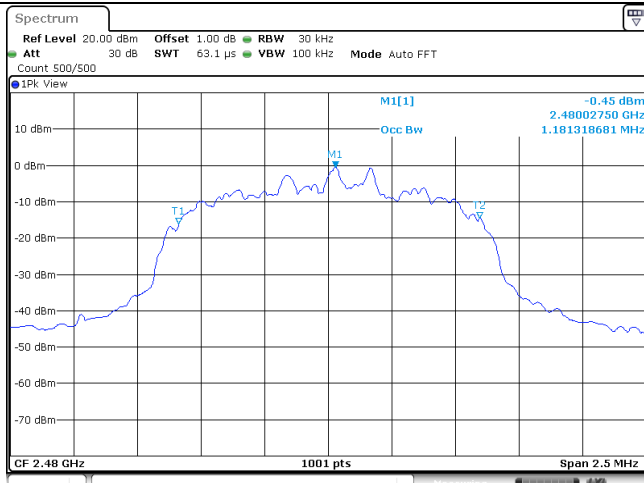
Date: 6/30/2021 19:12:03

CH39



Date: 6/30/2021 19:15:40

CH78



Date: 6/30/2021 19:18:44

**Appendix D: Carrier Frequencies Separation**

| Modulation type | Channel | Carrier Frequencies Separation (MHz) | Limit (kHz) * | Result |
|-----------------|---------|--------------------------------------|---------------|--------|
| GFSK            | 39      | 1.00                                 | ≥927.50       | Pass   |
| $\pi/4$ DQPSK   | 39      | 1.00                                 | ≥860.00       | Pass   |
| 8DPSK           | 39      | 1.00                                 | ≥866.67       | Pass   |

**Note:**

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

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

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

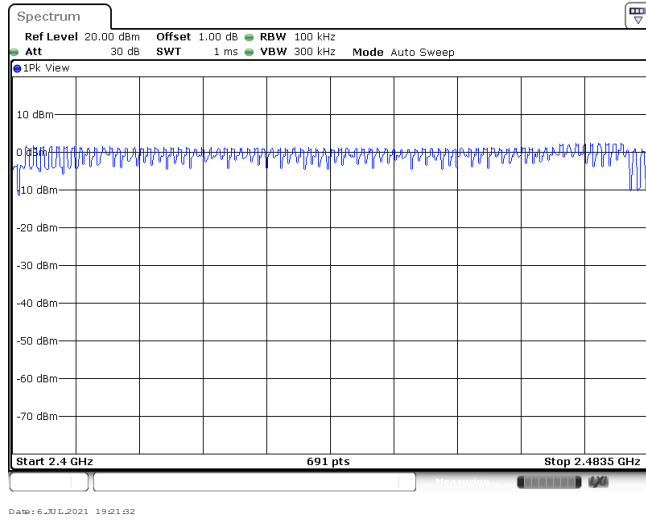
|  |  |
|--|--|
| <p style="text-align: center;">GFSK</p>                    | <p style="text-align: center;">Date: 6 JUL 2021 18:53:33</p> |
| <p style="text-align: center;"><math>\pi/4</math>DQPSK</p> | <p style="text-align: center;">Date: 6 JUL 2021 19:04:48</p> |
| <p style="text-align: center;">8DPSK</p>                   | <p style="text-align: center;">Date: 6 JUL 2021 19:14:51</p> |

**Appendix E: Hopping Channel Number**

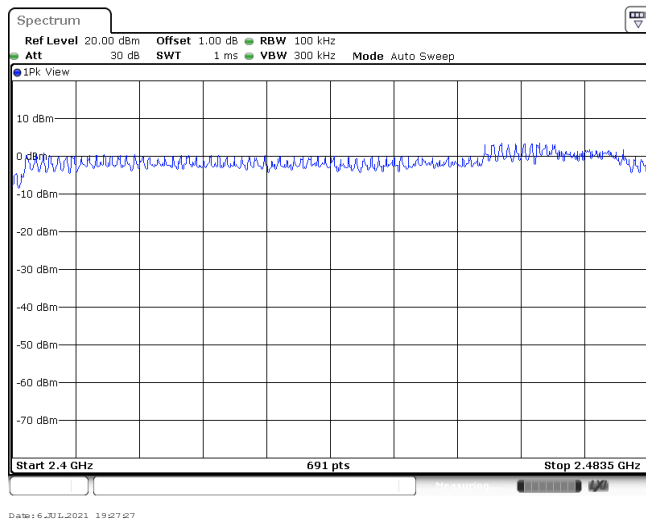
| Modulation type | Channel number | Limit  | Result |
|-----------------|----------------|--------|--------|
| GFSK            | 79             | ≥15.00 | Pass   |
| π/4DQPSK        | 79             |        |        |
| 8DPSK           | 79             |        |        |



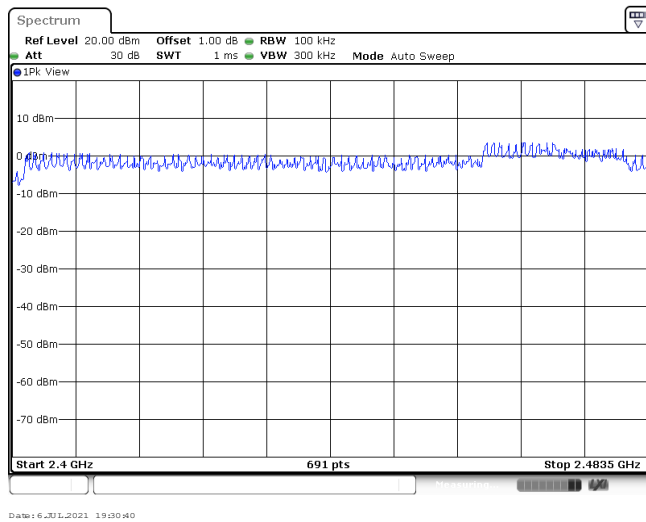
GFSK



$\pi/4$ DQPSK



8DPSK

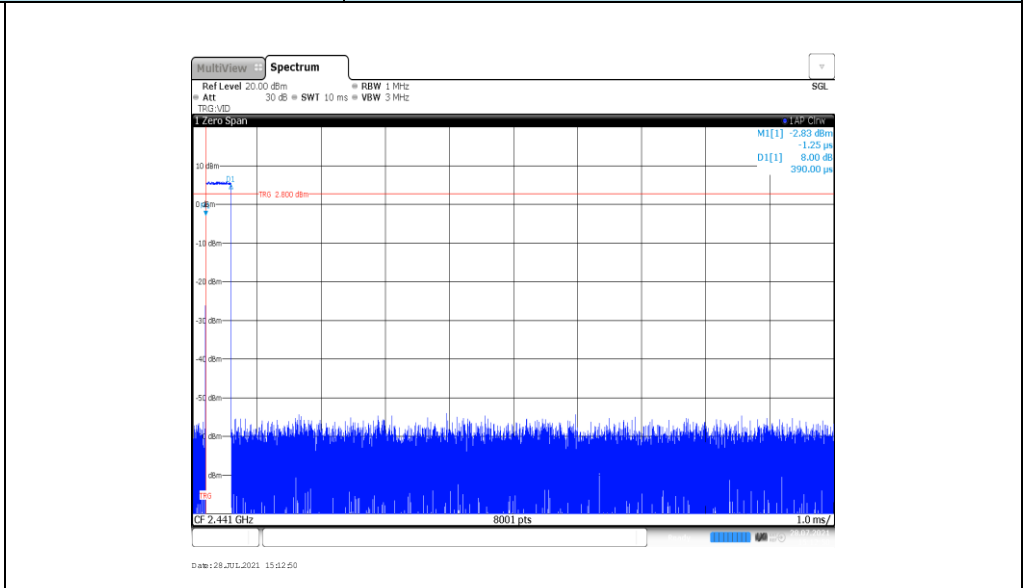


**Appendix F: Dwell Time**

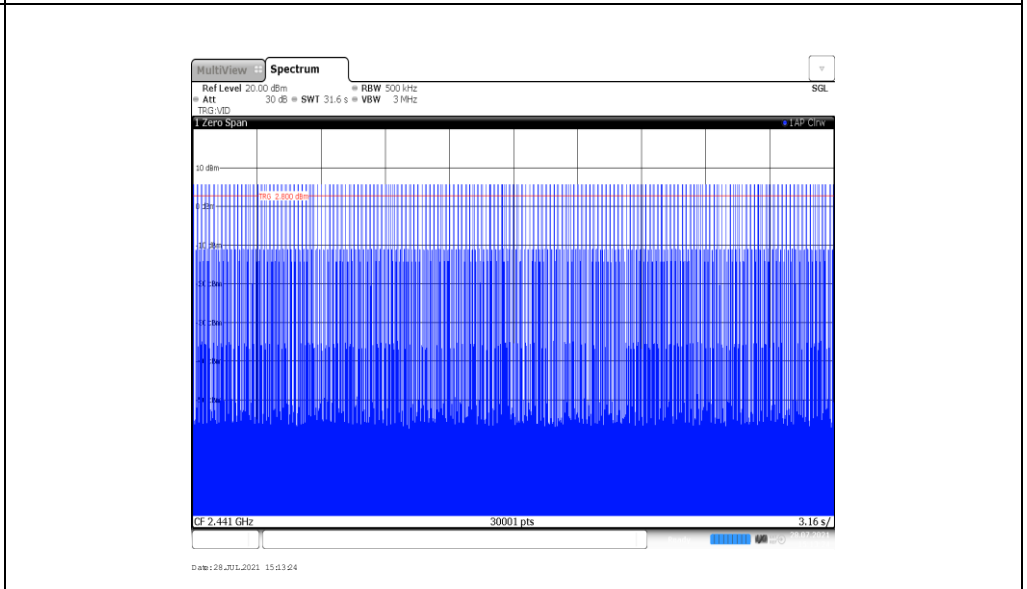
| Modulation type | Packet | Burst Width [ms] | Total Hops[hop*ch] | Dwell time (Second) | Limit (Second) | Result |
|-----------------|--------|------------------|--------------------|---------------------|----------------|--------|
| GFSK            | DH1    | 0.39             | 319                | 0.12                | ≤ 0.40         | Pass   |
|                 | DH3    | 1.65             | 161                | 0.27                |                |        |
|                 | DH5    | 2.91             | 117                | 0.34                |                |        |
| π/4DQPSK        | 2DH1   | 0.38             | 319                | 0.12                | ≤ 0.40         | Pass   |
|                 | 2DH3   | 1.64             | 157                | 0.26                |                |        |
|                 | 2DH5   | 2.88             | 107                | 0.31                |                |        |
| 8DPSK           | 3DH1   | 0.38             | 321                | 0.12                | ≤ 0.40         | Pass   |
|                 | 3DH3   | 1.63             | 155                | 0.25                |                |        |
|                 | 3DH5   | 2.88             | 101                | 0.29                |                |        |

**Modulation Type: GFSK**

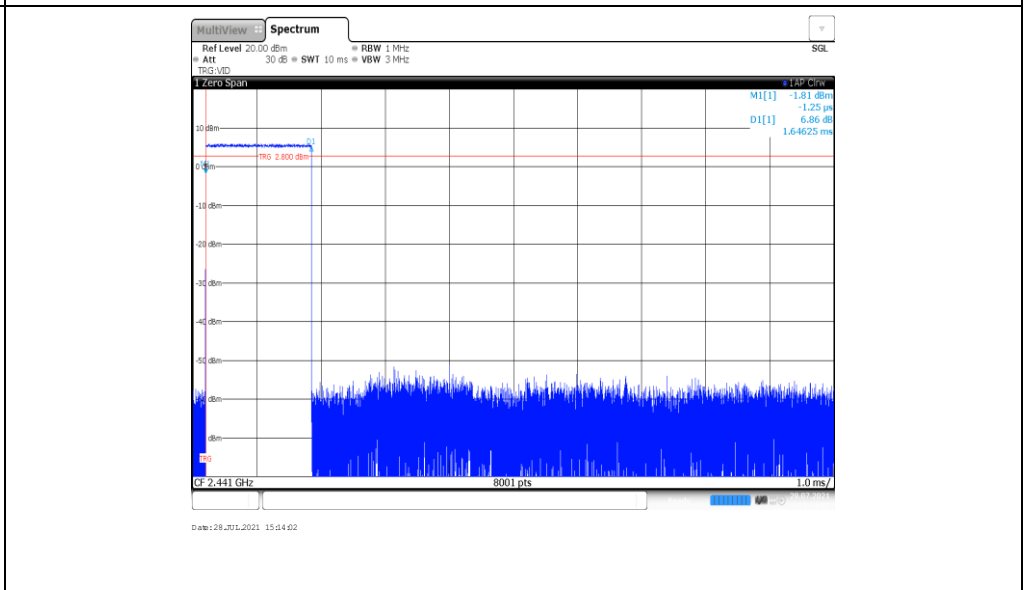
DH1  
Burst width



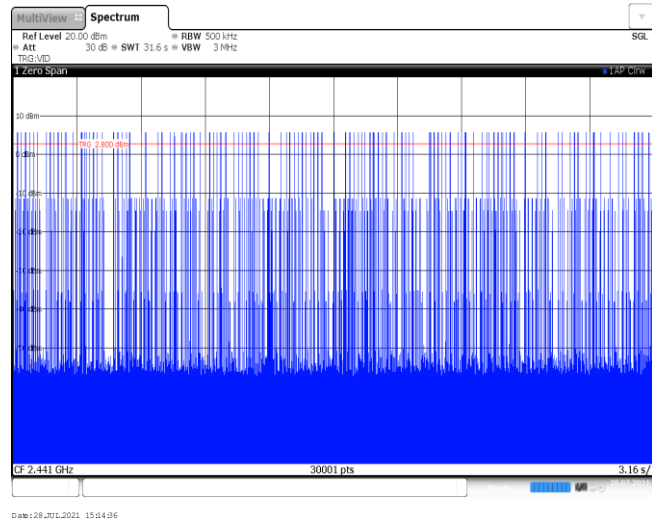
DH1  
Burst number



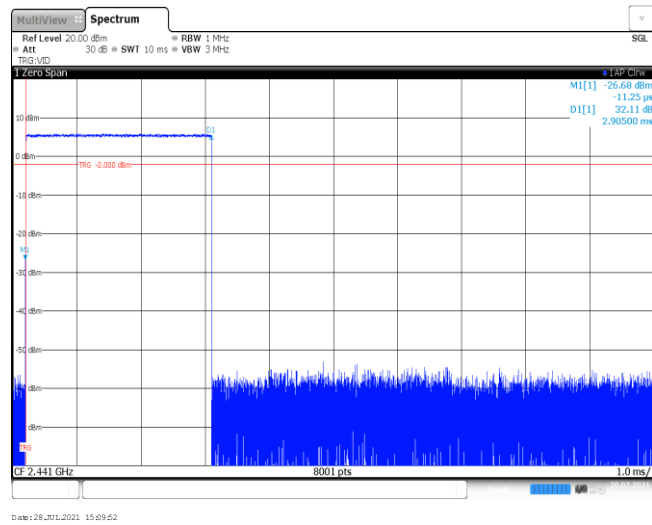
DH3  
Burst width



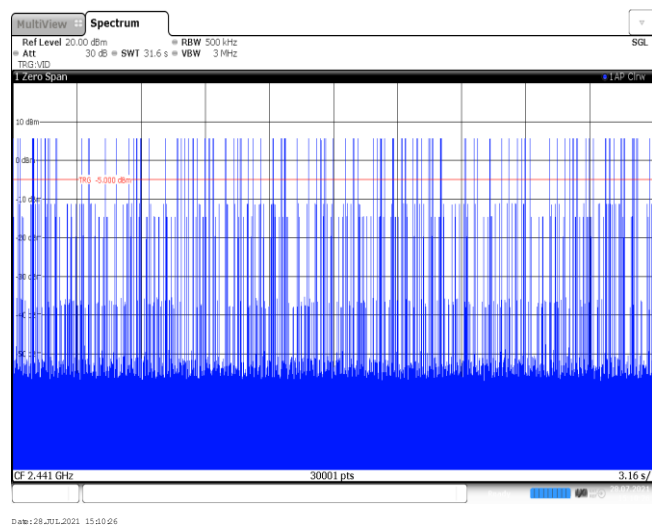
DH3  
Burst number



DH5  
Burst width

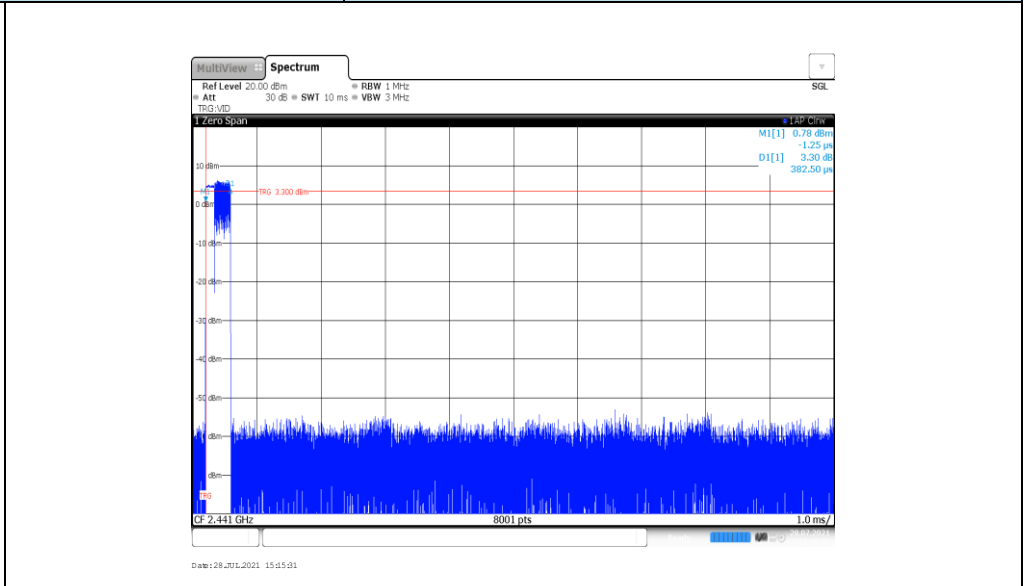


DH5  
Burst number

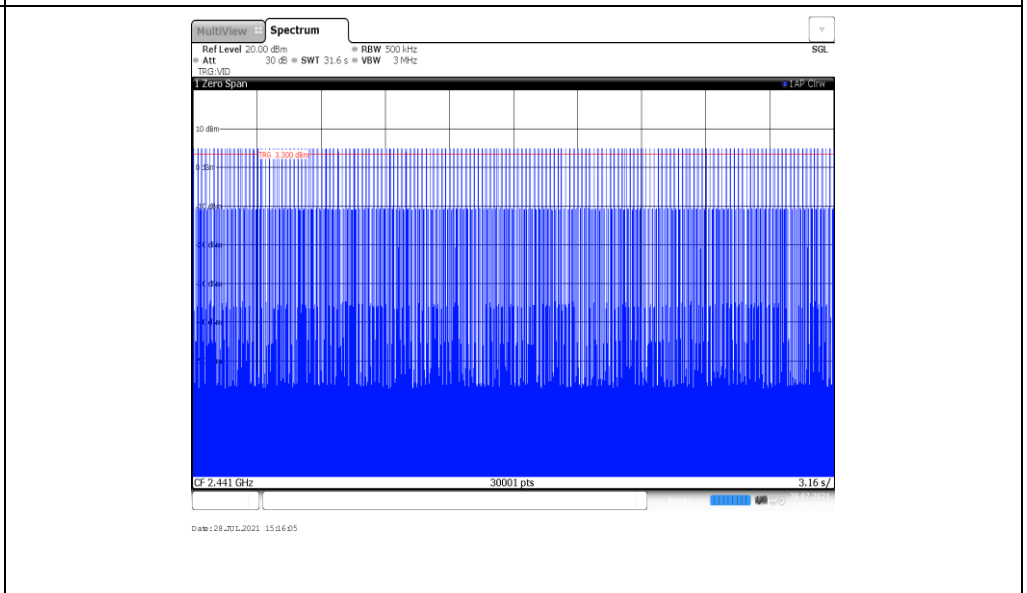


**Modulation Type:**  $\pi/4$ DQPSK

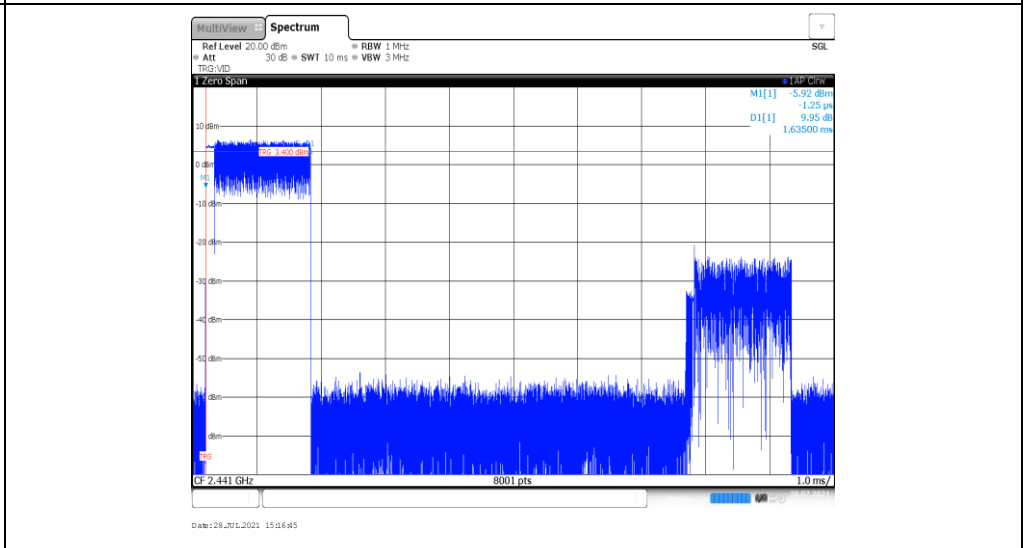
2DH1  
Burst width



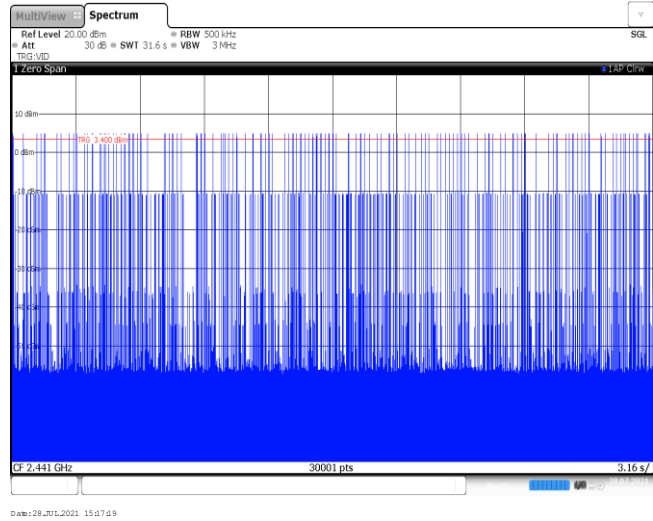
2DH1  
Burst number



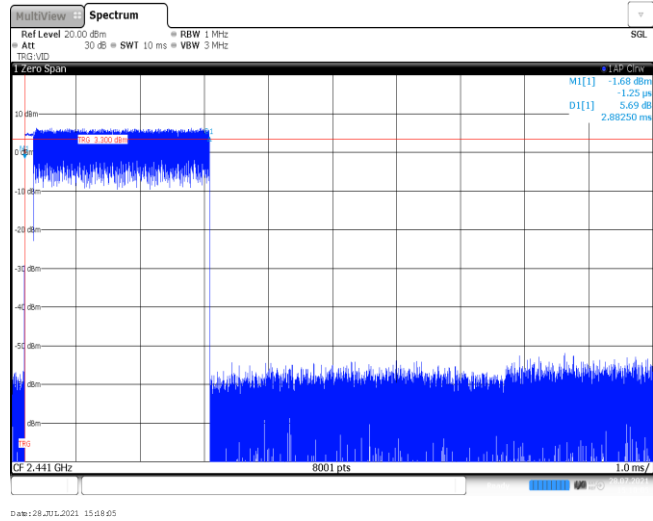
2DH3  
Burst width



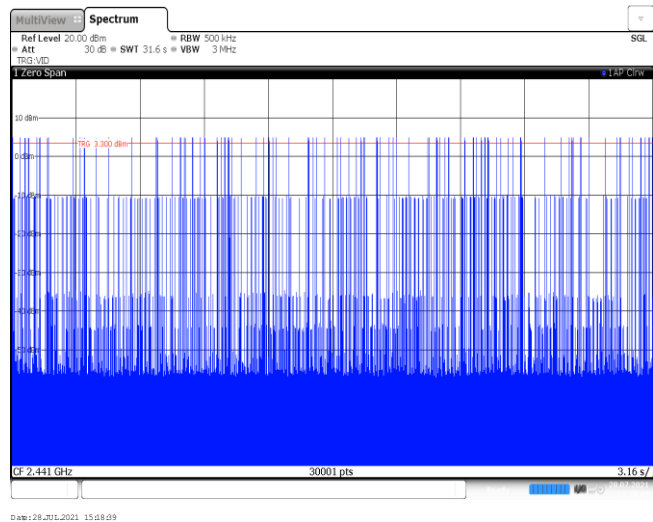
2DH3  
Burst number



2DH5  
Burst width

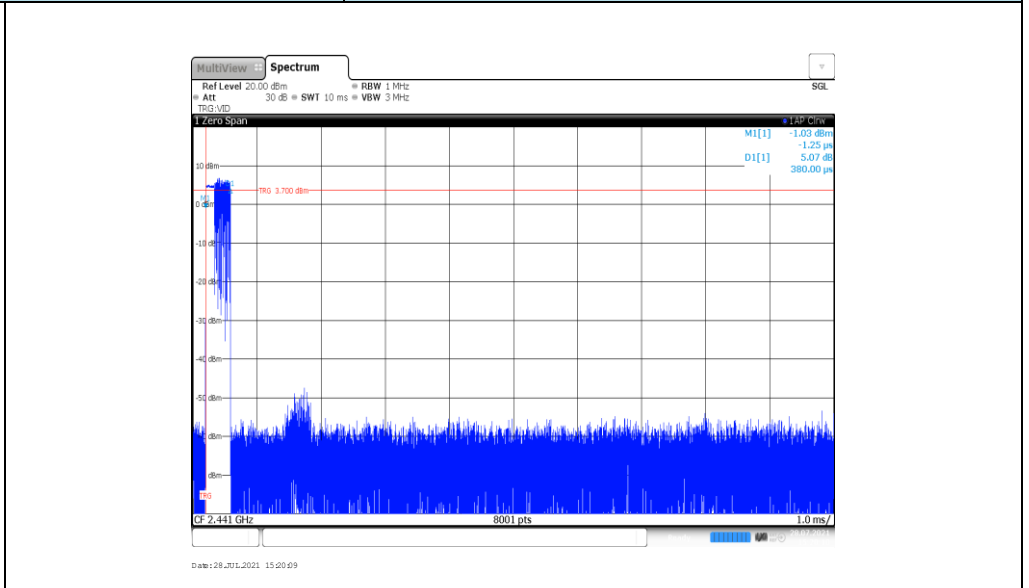


2DH5  
Burst number

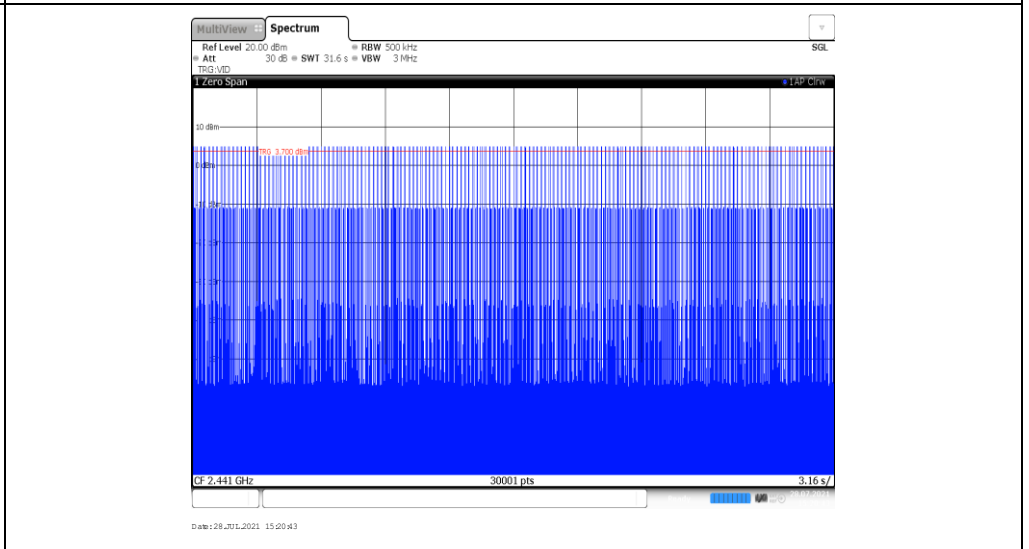


**Modulation Type: 8DPSK**

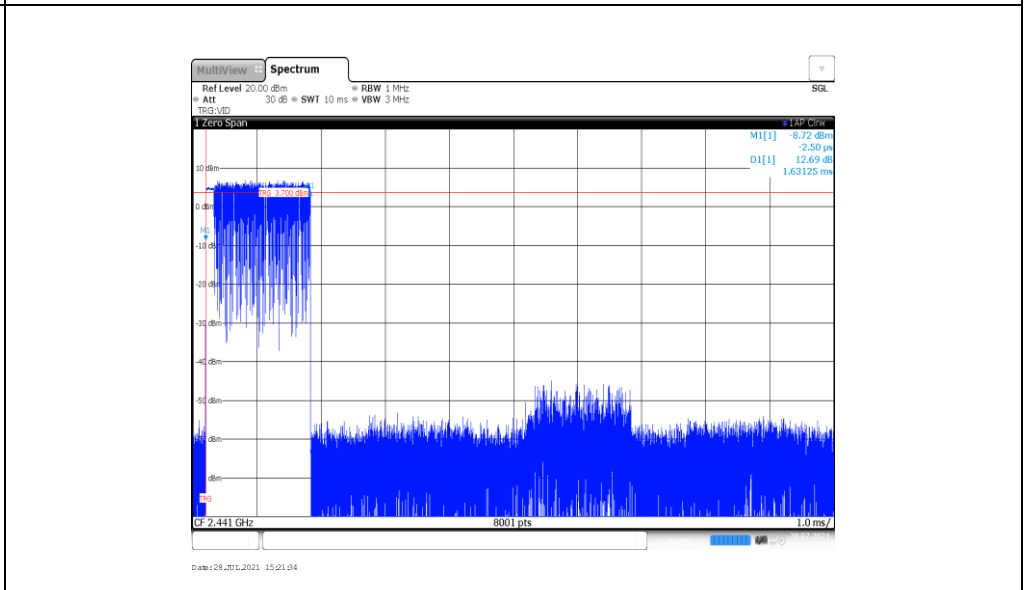
3DH1  
Burst width



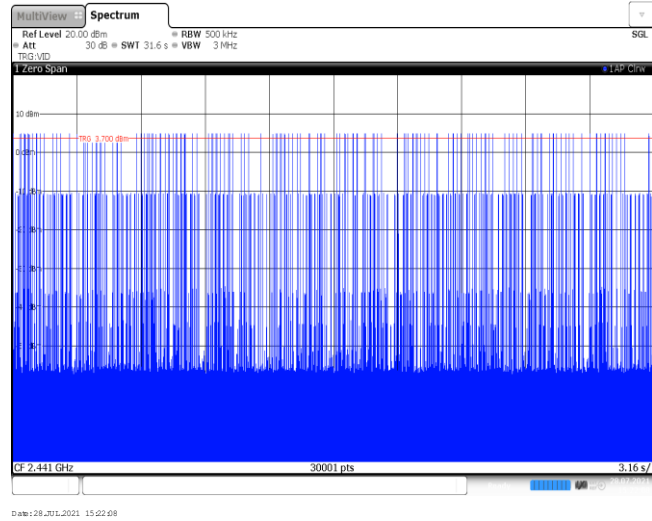
3DH1  
Burst number



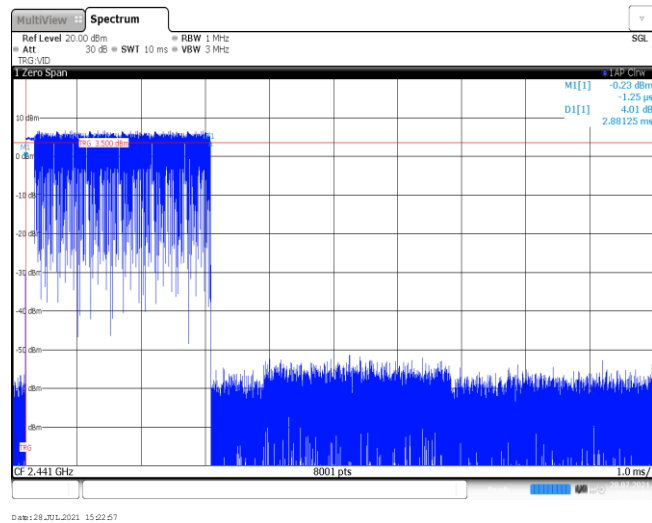
3DH3  
Burst width



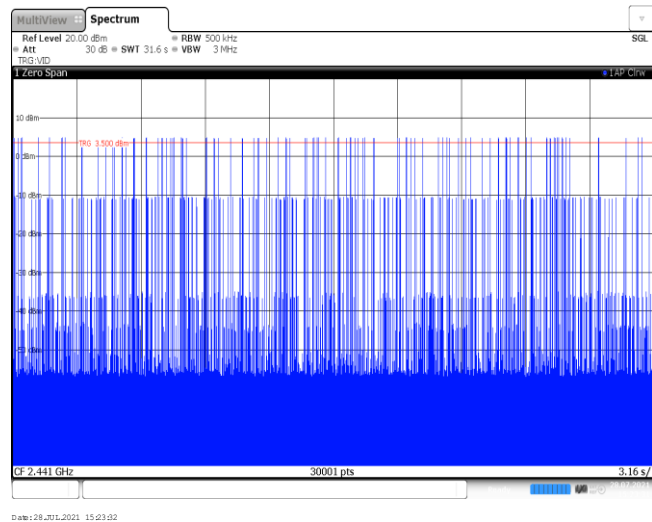
3DH3  
Burst number



3DH5  
Burst width



3DH5  
Burst number

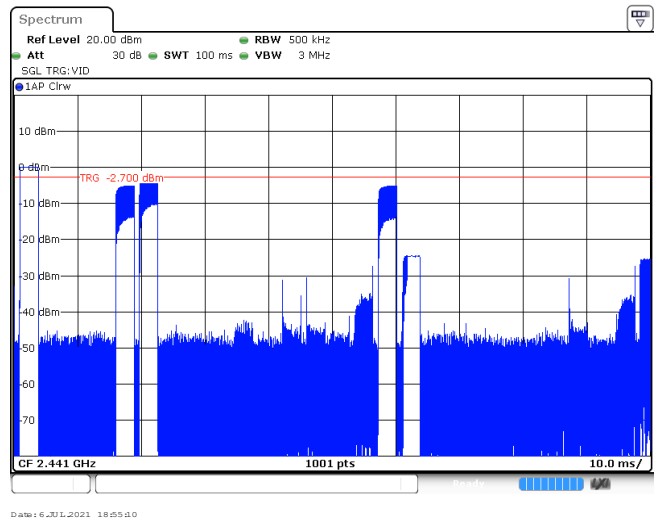
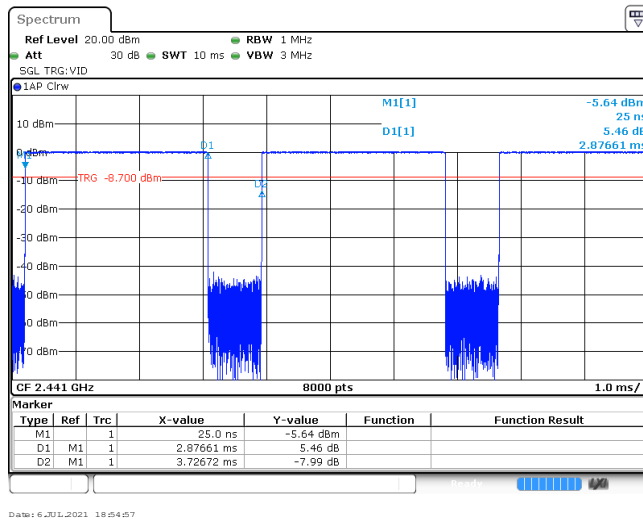




**Appendix G: Duty Cycle Correction Factor (DCCF)**

| DCCF Calculate Formula  |                      |                                      |                   |                |           |
|---|----------------------|--------------------------------------|-------------------|----------------|-----------|
| DCCF=20 * Log(duty cycle) = 20 * Log( $T_{on\ time} / T_{period}$ ) |                      |                                      |                   |                |           |
| Modulation type   | Test Frequency (MHz) | $T_{on\ time}$ for single burst [ms] | $T_{period}$ [ms] | Burst Quantity | DCCF [dB] |
| GFSK  | 2441                 | 2.88                                 | 100               | 4              | -18.77    |
| $\pi/4$ DQPSK   | 2441                 | 2.87                                 | 100               | 4              | -18.80    |
| 8DPSK   | 2441                 | 2.86                                 | 100               | 4              | -18.83    |

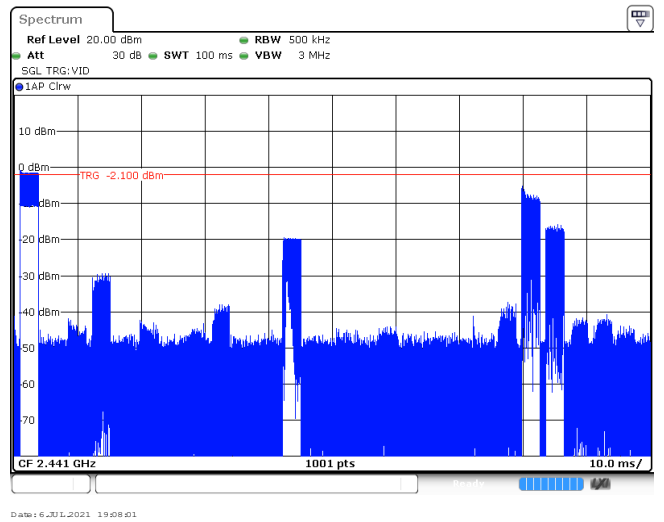
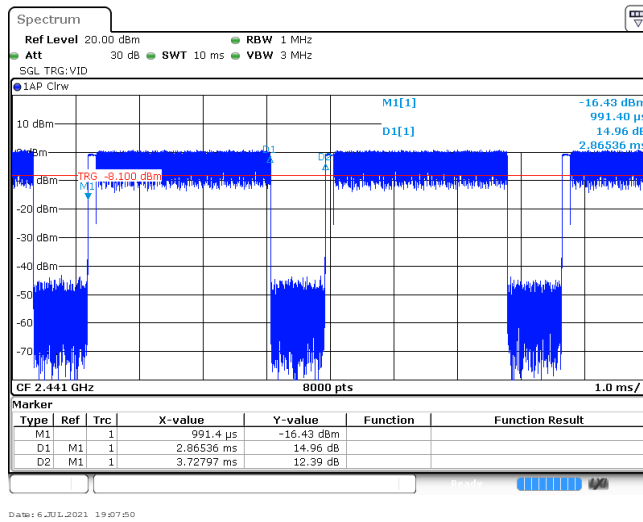
GFSK



T<sub>on</sub> time for single burst

Burst Quantity

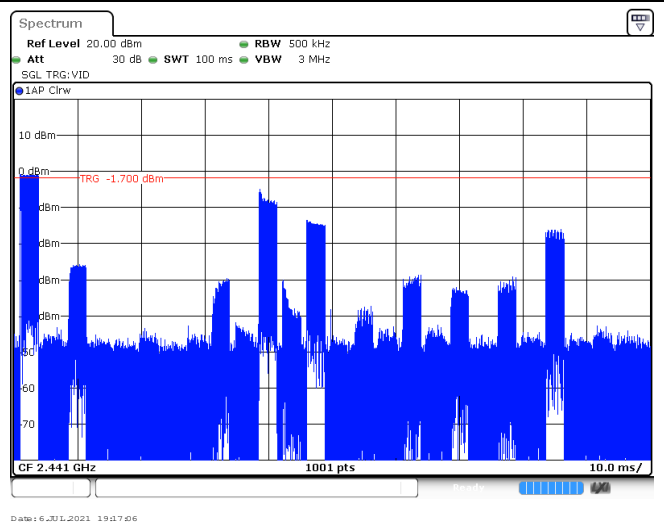
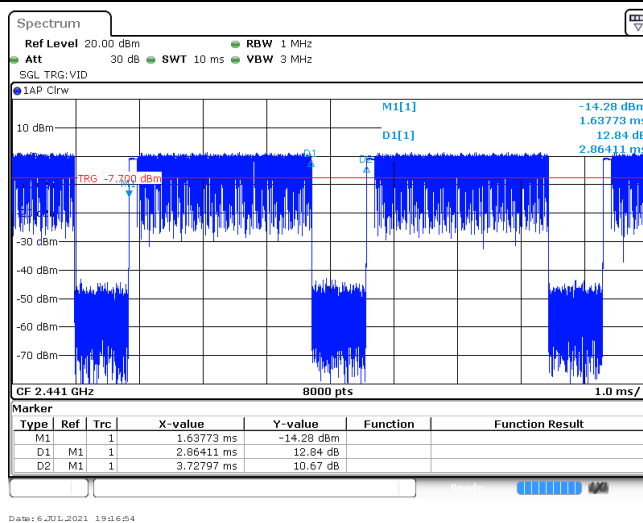
$\pi/4$  DQPSK



T<sub>on</sub> time for single burst

Burst Quantity

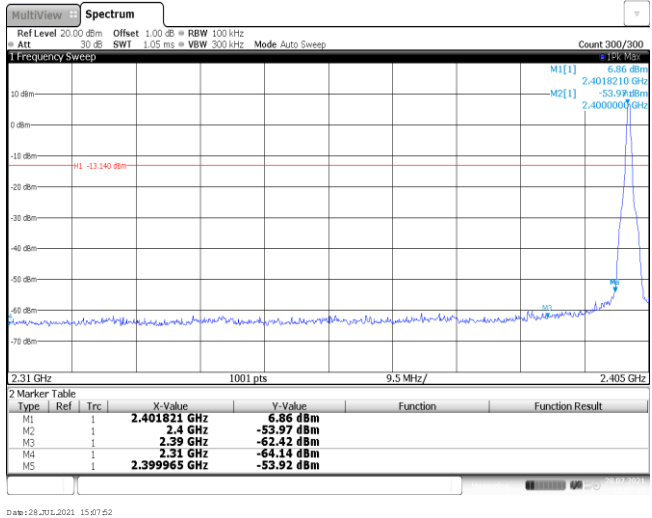
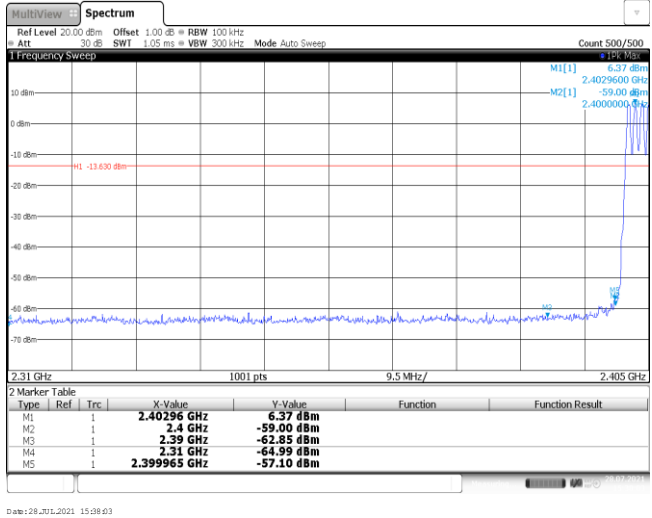
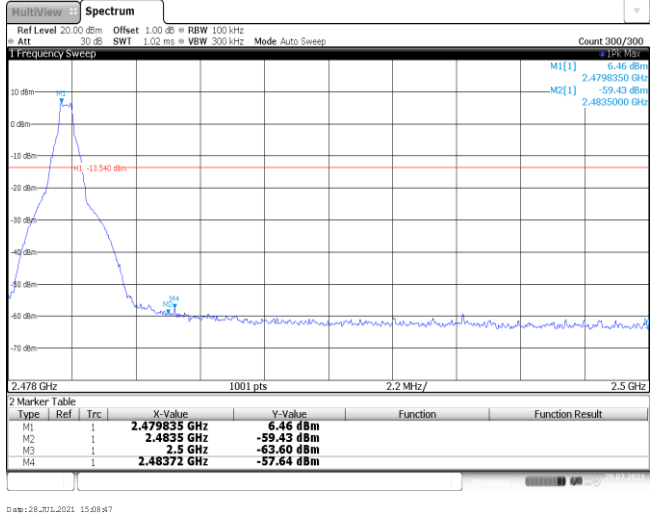
8DPSK



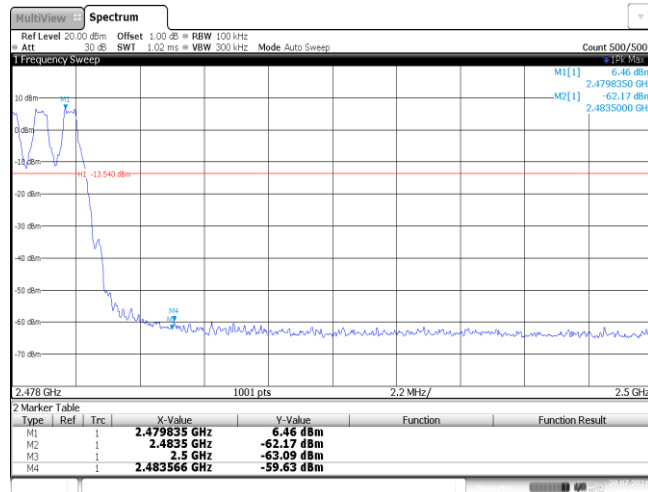
T<sub>on</sub> time for single burst

Burst Quantity

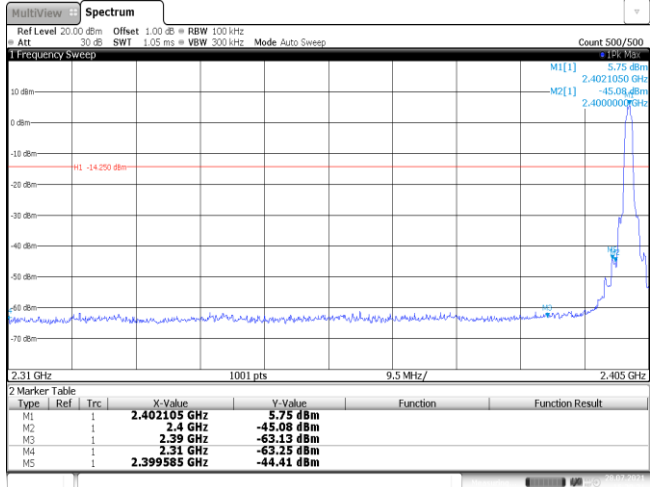
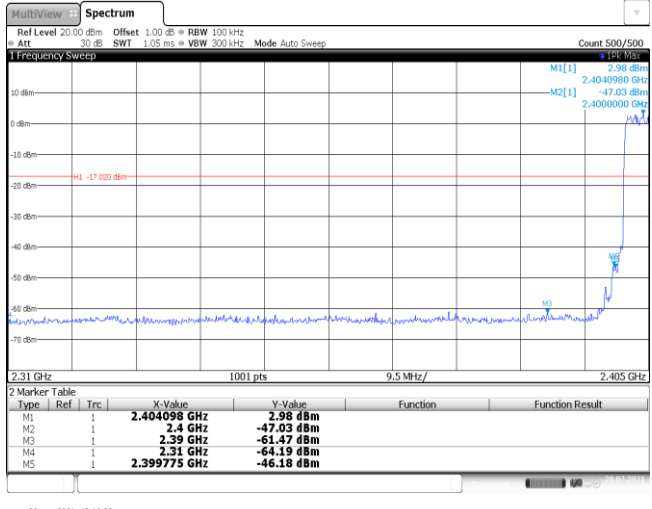
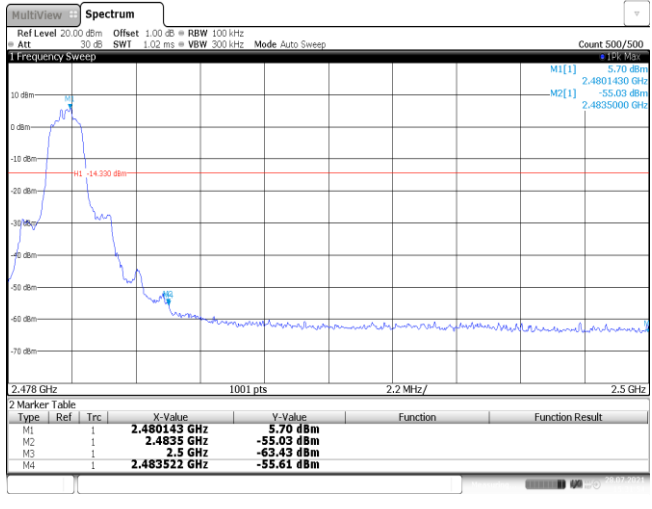
**Appendix H: Band edge and Spurious Emissions (conducted)**

| Test Item:                      | Band edge  | Modulation type: | GFSK |
|---------------------------------|--|------------------|------|
| <p>CH00<br/>No hopping mode</p> |    |                  |      |
| <p>CH00<br/>Hopping mode</p>    |   |                  |      |
| <p>CH78<br/>No hopping mode</p> |  |                  |      |

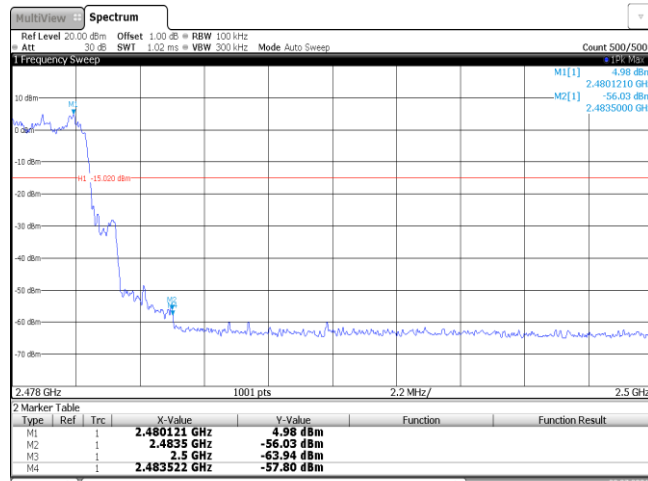
CH78  
Hopping mode



Date: 28\_JUL\_2021 15:08:17

| Test Item:                      | Band edge   | Modulation type: | $\pi/4$ DQPSK |            |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
|---------------------------------|---|------------------|---------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|--------------|----------|--|--|----|---|--|------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|--------------|------------|--|--|
| <p>CH00<br/>No hopping mode</p> |  <table border="1" data-bbox="683 638 1337 739"> <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>5.75 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-45.08 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.13 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.25 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399585 GHz</td> <td>-44.41 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 28-Jul-2021 15:29:32</p>    |                  |               | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.402105 GHz | 5.75 dBm |  |  | M2 | 1 |  | 2.4 GHz    | -45.08 dBm |  |  | M3 | 1 |  | 2.39 GHz | -63.13 dBm |  |  | M4 | 1 |  | 2.31 GHz     | -63.25 dBm |  |  | M5 | 1 |  | 2.399585 GHz | -44.41 dBm |  |  |
| Type                            | Ref   | Trc              | X-Value       | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M1                              | 1   |                  | 2.402105 GHz  | 5.75 dBm   |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M2                              | 1   |                  | 2.4 GHz       | -45.08 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M3                              | 1   |                  | 2.39 GHz      | -63.13 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M4                              | 1   |                  | 2.31 GHz      | -63.25 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M5                              | 1   |                  | 2.399585 GHz  | -44.41 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| <p>CH00<br/>Hopping mode</p>    |  <table border="1" data-bbox="683 1182 1337 1308"> <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>2.404098 GHz</td> <td>2.98 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-47.03 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-61.47 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.19 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399775 GHz</td> <td>-46.18 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 28-Jul-2021 15:19:29</p> |                  |               | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.404098 GHz | 2.98 dBm |  |  | M2 | 1 |  | 2.4 GHz    | -47.03 dBm |  |  | M3 | 1 |  | 2.39 GHz | -61.47 dBm |  |  | M4 | 1 |  | 2.31 GHz     | -64.19 dBm |  |  | M5 | 1 |  | 2.399775 GHz | -46.18 dBm |  |  |
| Type                            | Ref   | Trc              | X-Value       | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M1                              | 1   |                  | 2.404098 GHz  | 2.98 dBm   |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M2                              | 1   |                  | 2.4 GHz       | -47.03 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M3                              | 1   |                  | 2.39 GHz      | -61.47 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M4                              | 1   |                  | 2.31 GHz      | -64.19 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M5                              | 1   |                  | 2.399775 GHz  | -46.18 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| <p>CH78<br/>No hopping mode</p> |  <table border="1" data-bbox="683 1742 1337 1854"> <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>2.480143 GHz</td> <td>5.70 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-55.03 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-63.43 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.483522 GHz</td> <td>-55.61 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 28-Jul-2021 15:31:65</p>  |                  |               | Type       | Ref      | Trc             | X-Value | Y-Value | Function | Function Result | M1 | 1 |  | 2.480143 GHz | 5.70 dBm |  |  | M2 | 1 |  | 2.4835 GHz | -55.03 dBm |  |  | M3 | 1 |  | 2.5 GHz  | -63.43 dBm |  |  | M4 | 1 |  | 2.483522 GHz | -55.61 dBm |  |  |    |   |  |              |            |  |  |
| Type                            | Ref   | Trc              | X-Value       | Y-Value    | Function | Function Result |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M1                              | 1   |                  | 2.480143 GHz  | 5.70 dBm   |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M2                              | 1   |                  | 2.4835 GHz    | -55.03 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M3                              | 1   |                  | 2.5 GHz       | -63.43 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |
| M4                              | 1   |                  | 2.483522 GHz  | -55.61 dBm |          |                 |         |         |          |                 |    |   |  |              |          |  |  |    |   |  |            |            |  |  |    |   |  |          |            |  |  |    |   |  |              |            |  |  |    |   |  |              |            |  |  |

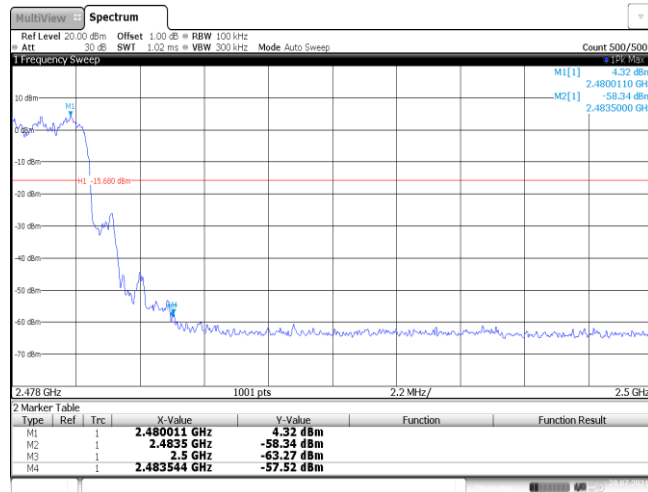
CH78  
Hopping mode



Date: 20\_01\_2021 15:19:23

| Test Item:                      | Band edge | Modulation type: | 8DPSK |
|---------------------------------|-----------|------------------|-------|
| <p>CH00<br/>No hopping mode</p> |           |                  |       |
| <p>CH00<br/>Hopping mode</p>    |           |                  |       |
| <p>CH78<br/>No hopping mode</p> |           |                  |       |

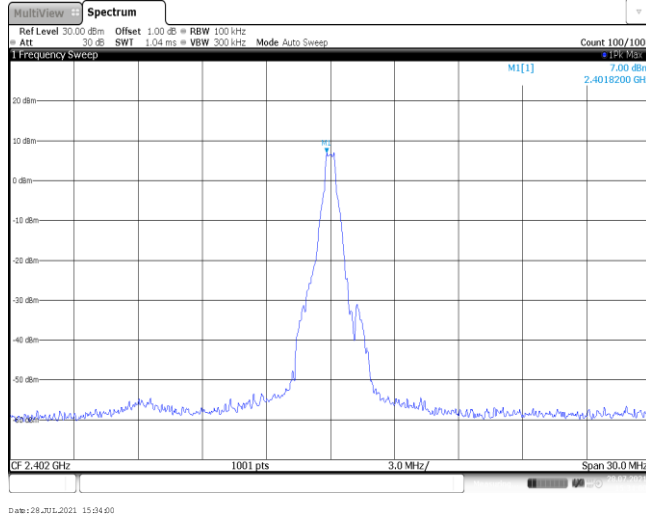
CH78  
Hoppig mode



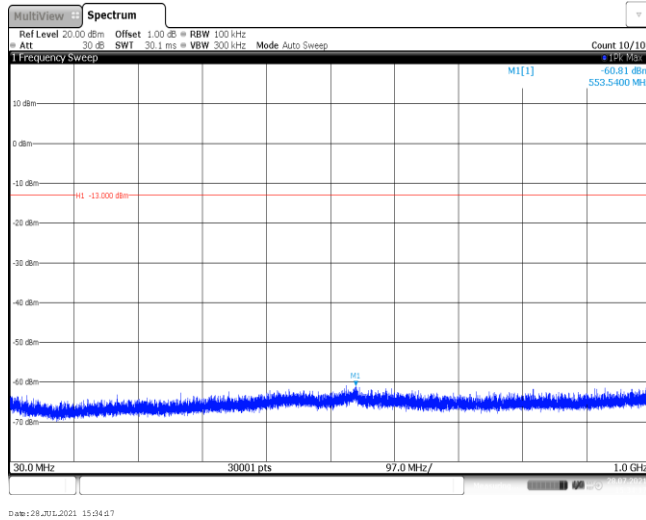


|            |                   |                  |      |
|------------|-------------------|------------------|------|
| Test Item: | Spurious Emission | Modulation type: | GFSK |
|------------|-------------------|------------------|------|

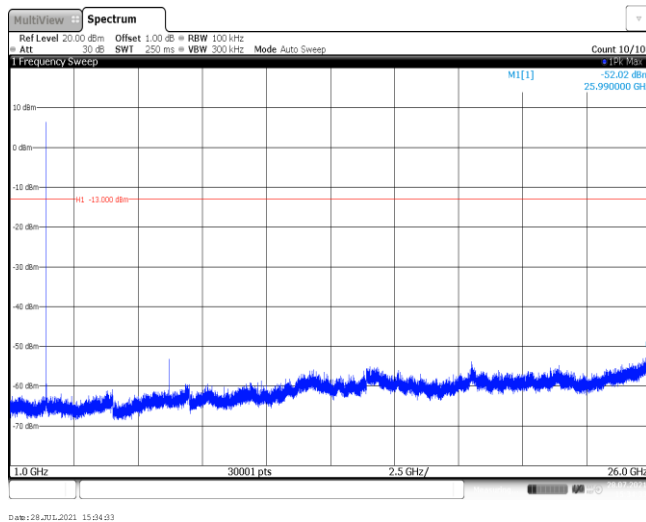
CH00  
Reference level



CH00  
30MHz~1000MHz

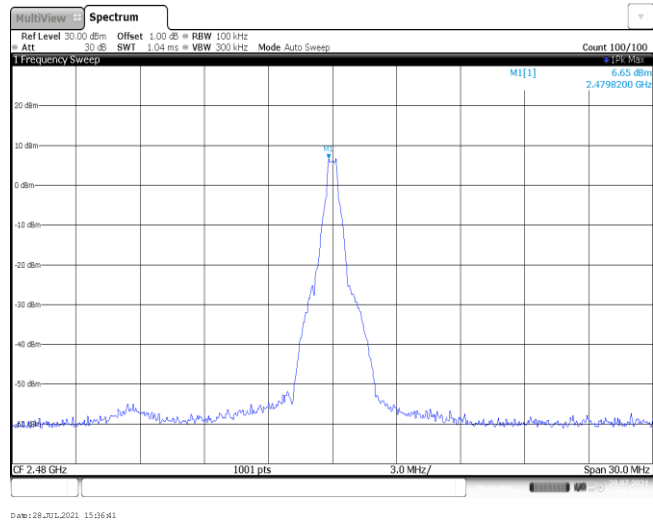


CH00  
1GHz~26GHz

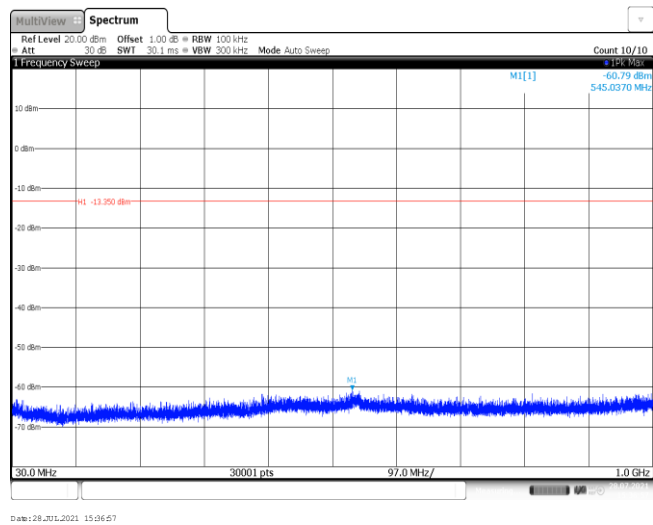


|                                 |   |
|---------------------------------|---|
| <p>CH39<br/>Reference level</p> | <p>MultiView Spectrum<br/>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100<br/>1 Frequency Sweep<br/>M1[1] 6.60 dBm<br/>2.4408200 GHz<br/>CF 2.441 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz<br/>Date: 28 Jul 2021 15:35:12</p>             |
| <p>CH39<br/>30MHz~1000MHz</p>   | <p>MultiView Spectrum<br/>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10<br/>1 Frequency Sweep<br/>M1 -13.400 dBm<br/>M1 -63.39 dBm<br/>553.7020 MHz<br/>30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz<br/>Date: 28 Jul 2021 15:35:28</p>      |
| <p>CH39<br/>1GHz~26GHz</p>      | <p>MultiView Spectrum<br/>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10<br/>1 Frequency Sweep<br/>M1[1] -13.400 dBm<br/>M1[1] -51.99 dBm<br/>25.946667 GHz<br/>1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz<br/>Date: 28 Jul 2021 15:35:45</p> |

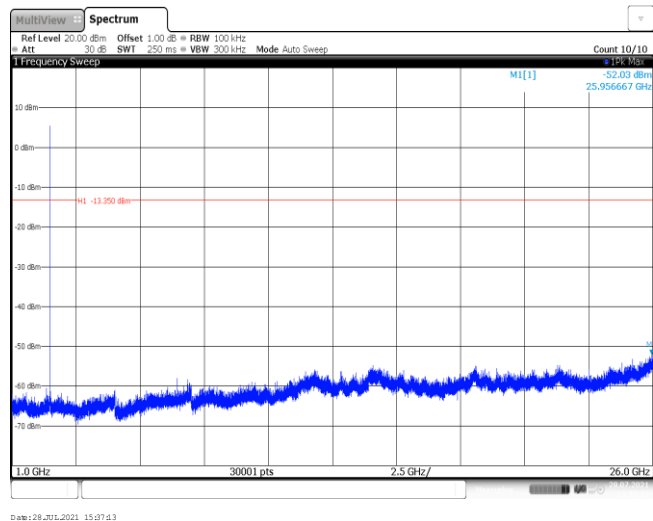
CH78  
Reference level

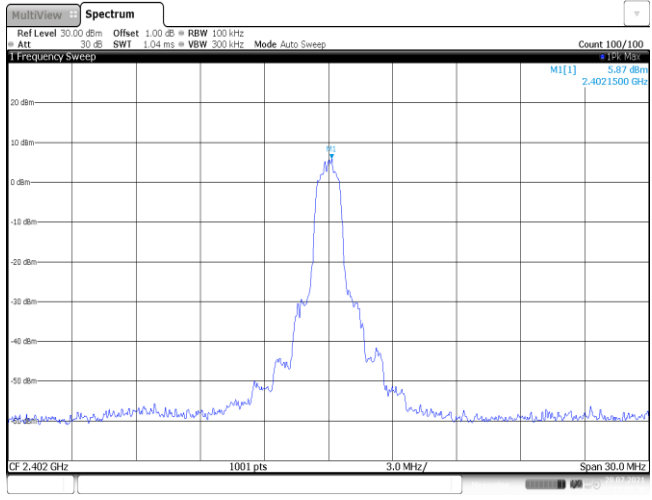
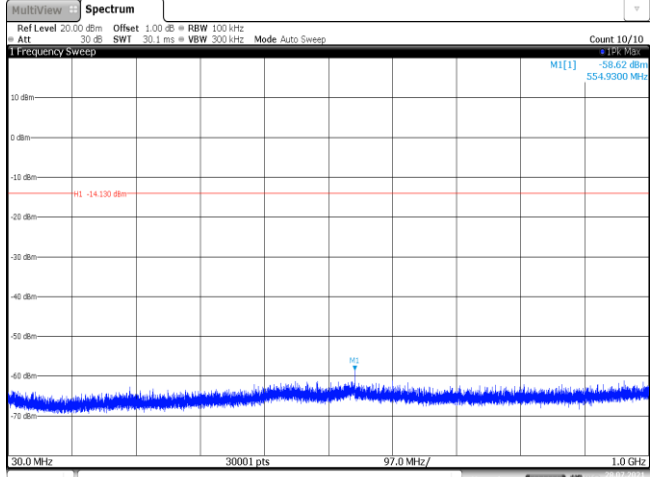
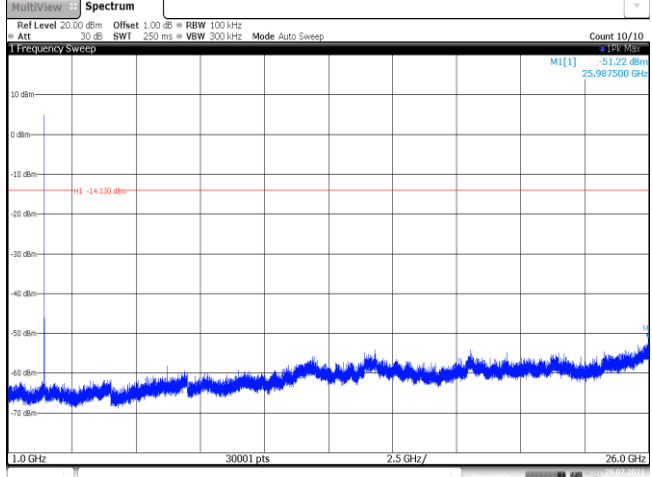


CH78  
30MHz~1000MHz

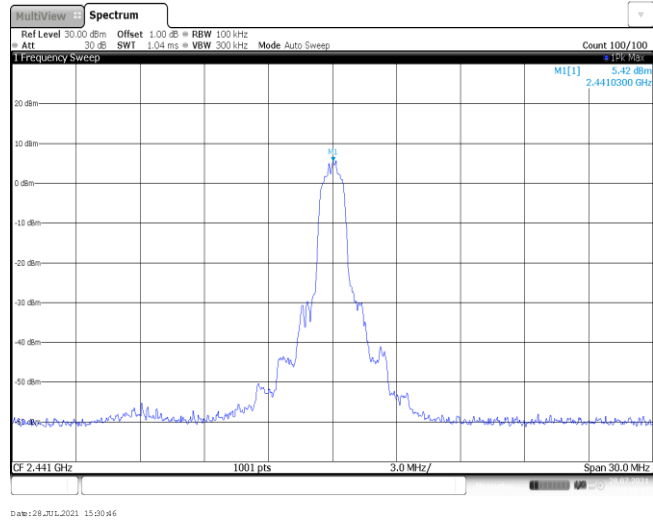


CH78  
1GHz~26GHz

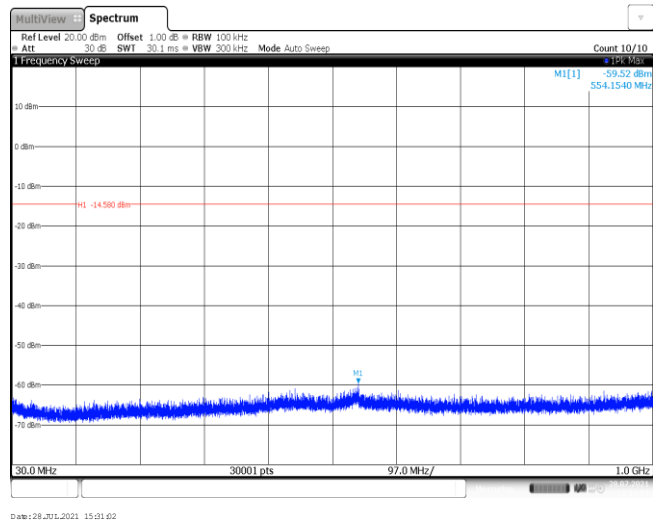


| Test Item:                      | Spurious Emission  | Modulation type: | $\pi/4$ DQPSK |
|---------------------------------|--|------------------|---------------|
| <p>CH00<br/>Reference level</p> |    |                  |               |
| <p>CH00<br/>30MHz~1000MHz</p>   |   |                  |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

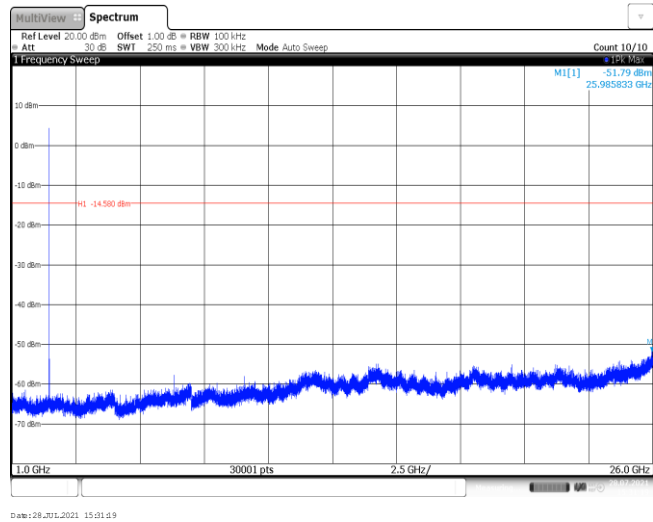
CH39  
Reference level



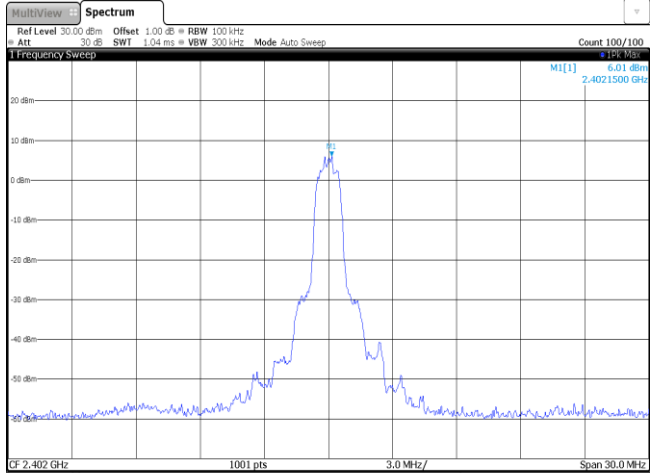
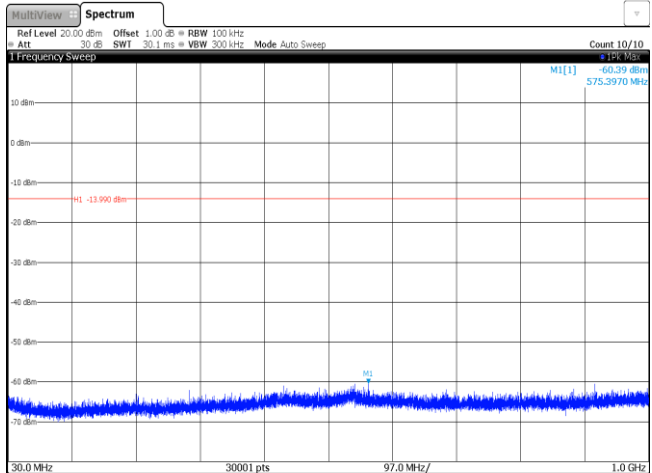
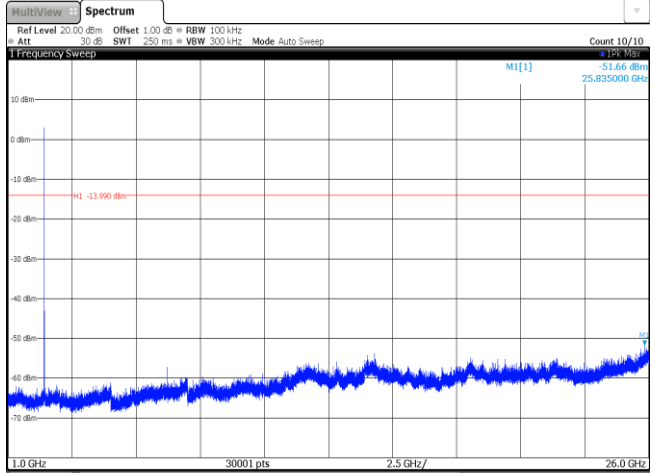
CH39  
30MHz~1000MHz

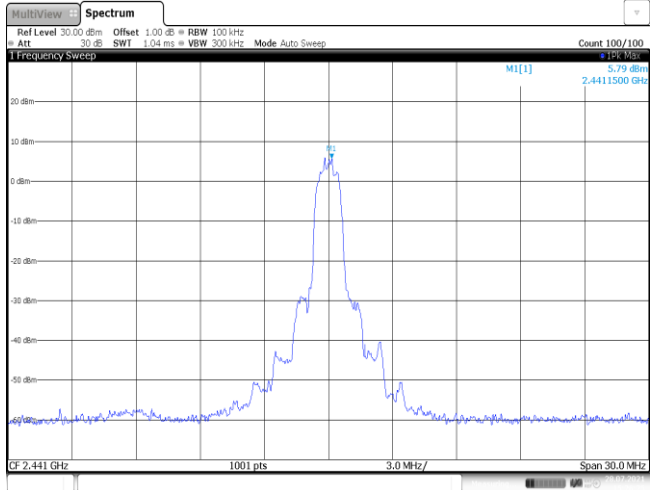
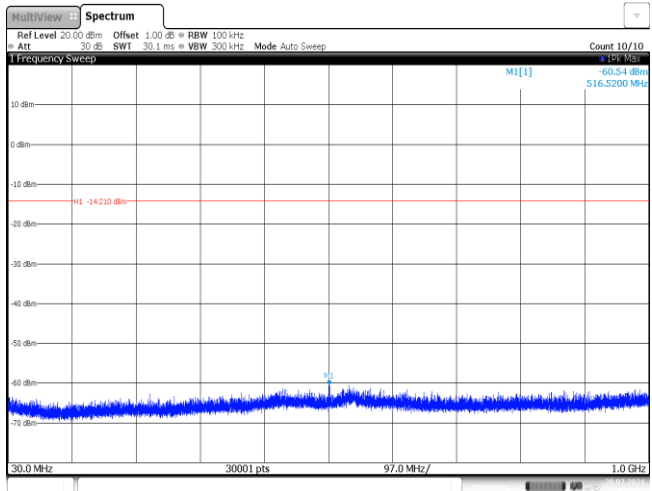
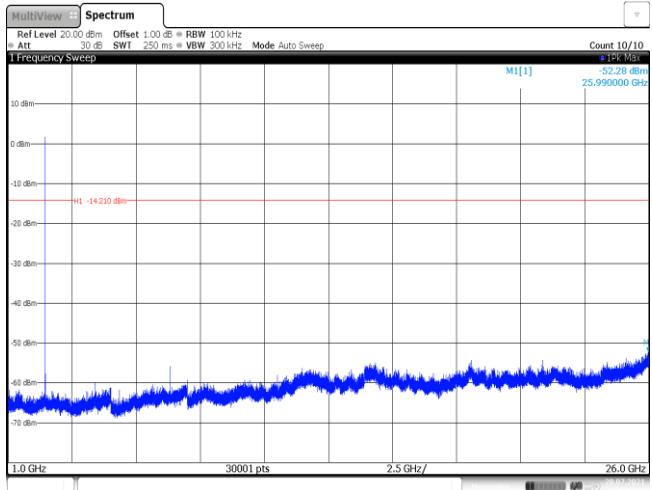


CH39  
1GHz~26GHz



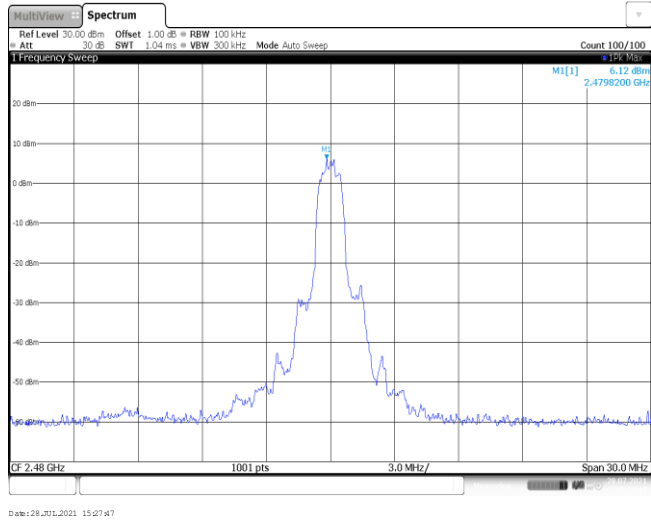
|                                 |   |
|---------------------------------|---|
| <p>CH78<br/>Reference level</p> | <p>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att -30 dB SWF 1.04 ms VBW 300 kHz Mode Auto Sweep<br/>Count 100/100<br/>M1[1] 5.97 dBm<br/>2.4801500 GHz<br/>CF 2.48 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz<br/>Date: 28 Jul 2021 15:02:02</p>            |
| <p>CH78<br/>30MHz~1000MHz</p>   | <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att -30 dB SWF 30.1 ms VBW 300 kHz Mode Auto Sweep<br/>Count 10/10<br/>M1[1] -60.87 dBm<br/>982.3950 MHz<br/>M1 -14.000 dBm<br/>30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz<br/>Date: 28 Jul 2021 15:02:18</p> |
| <p>CH78<br/>1GHz~26GHz</p>      | <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att -30 dB SWF 250 ms VBW 300 kHz Mode Auto Sweep<br/>Count 10/10<br/>M1[1] -52.45 dBm<br/>25.896667 GHz<br/>M1 -14.000 dBm<br/>1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz<br/>Date: 28 Jul 2021 15:02:24</p>  |

| Test Item:                      | Spurious Emission  | Modulation type: | 8DPSK |
|---------------------------------|--|------------------|-------|
| <p>CH00<br/>Reference level</p> |  <p>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep<br/>Count 100/100<br/>MI[1] 6.01 dBm<br/>2.4021500 GHz<br/>CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz<br/>Date: 28_JUL_2021 15:25:20</p>            |                  |       |
| <p>CH00<br/>30MHz~1000MHz</p>   |  <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep<br/>Count 10/10<br/>MI[1] -60.39 dBm<br/>575.3970 MHz<br/>M1 -13.990 dBm<br/>30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz<br/>Date: 28_JUL_2021 15:25:36</p> |                  |       |
| <p>CH00<br/>1GHz~26GHz</p>      |  <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep<br/>Count 10/10<br/>MI[1] -51.66 dBm<br/>25.835000 GHz<br/>M1 -13.990 dBm<br/>1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz<br/>Date: 28_JUL_2021 15:25:53</p> |                  |       |

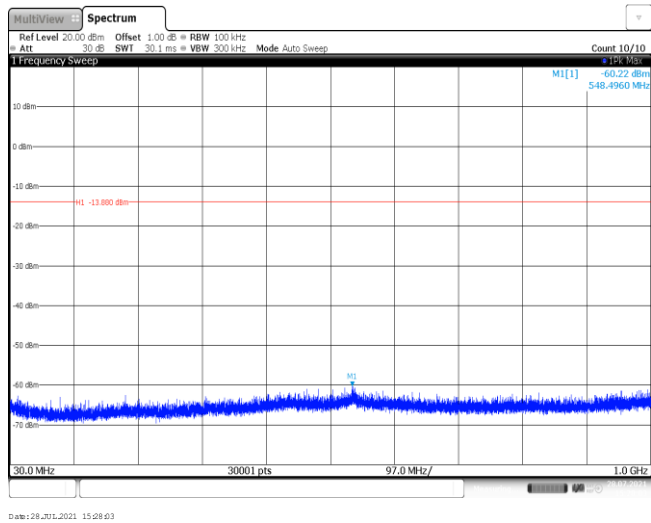
|                                 |   |
|---------------------------------|---|
| <p>CH39<br/>Reference level</p> |  <p>MultiView Spectrum<br/>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100<br/>1 Frequency Sweep<br/>M1[1] 5.79 dBm<br/>2.441500 GHz<br/>CF 2.441 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz<br/>Date: 28_Jul_2021 15:26:25</p>                 |
| <p>CH39<br/>30MHz~1000MHz</p>   |  <p>MultiView Spectrum<br/>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10<br/>1 Frequency Sweep<br/>M1[1] -14.210 dBm<br/>M2[1] -60.234 dBm<br/>516.5200 MHz<br/>30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz<br/>Date: 28_Jul_2021 15:26:41</p> |
| <p>CH39<br/>1GHz~26GHz</p>      |  <p>MultiView Spectrum<br/>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz<br/>Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10<br/>1 Frequency Sweep<br/>M1[1] -14.210 dBm<br/>M2[1] -52.728 dBm<br/>25.990000 GHz<br/>1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz<br/>Date: 28_Jul_2021 15:26:57</p> |



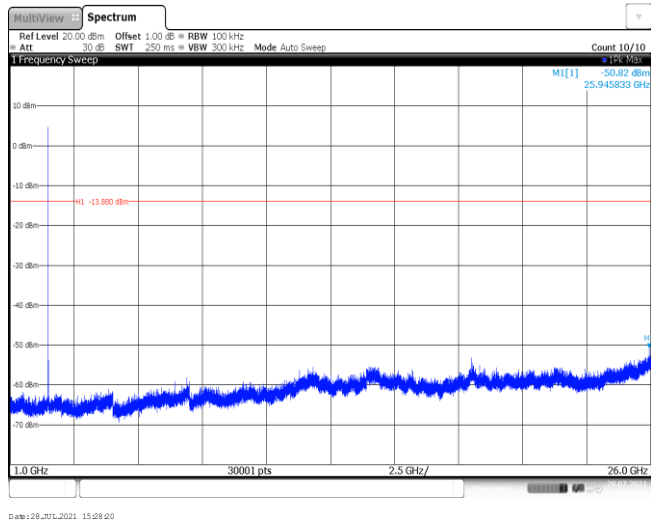
CH78  
Reference level



CH78  
30MHz~1000MHz



CH78  
1GHz~26GHz



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