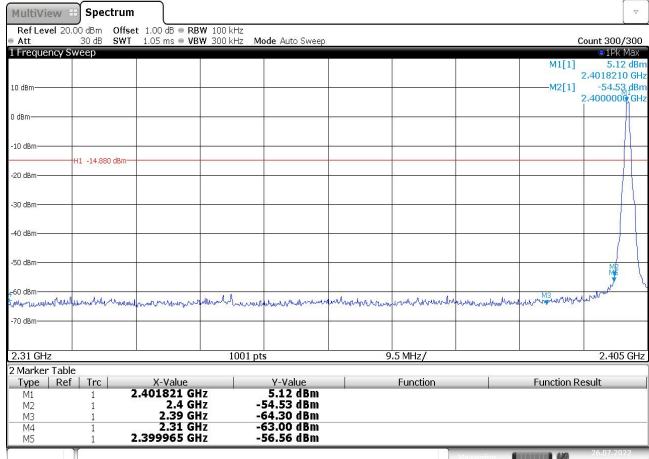
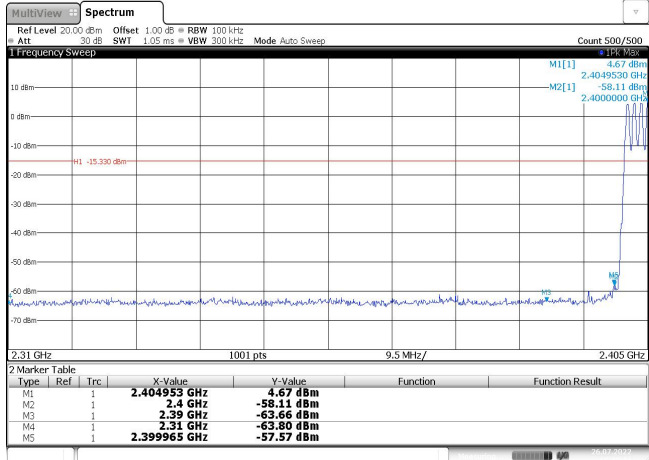
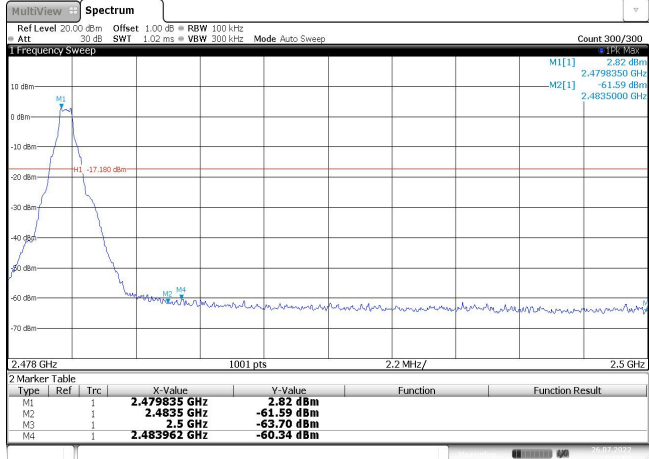
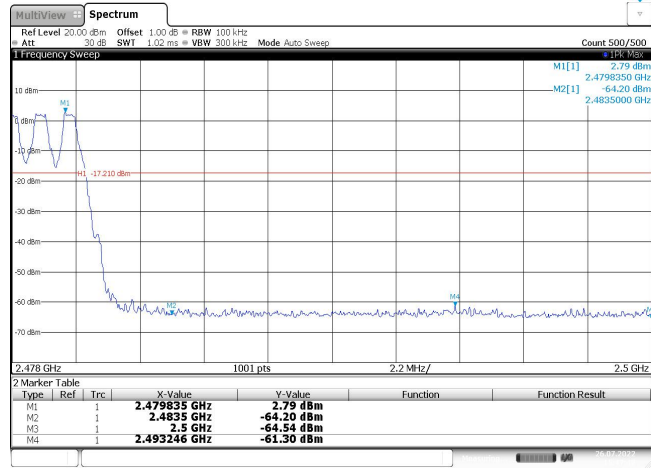


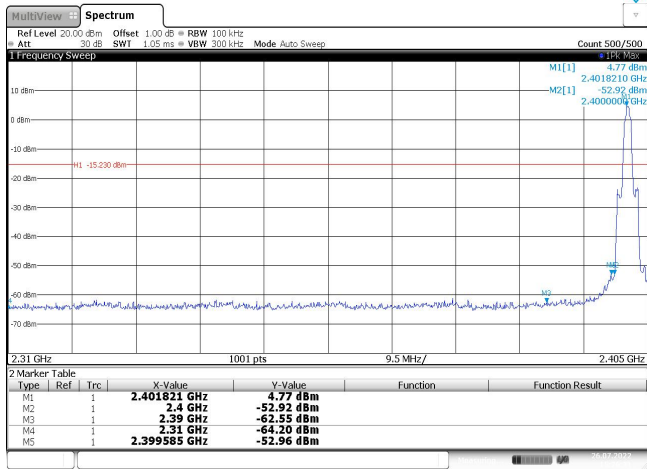
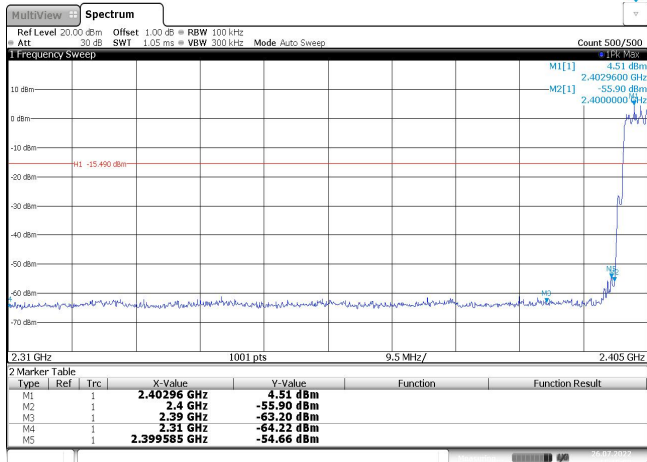
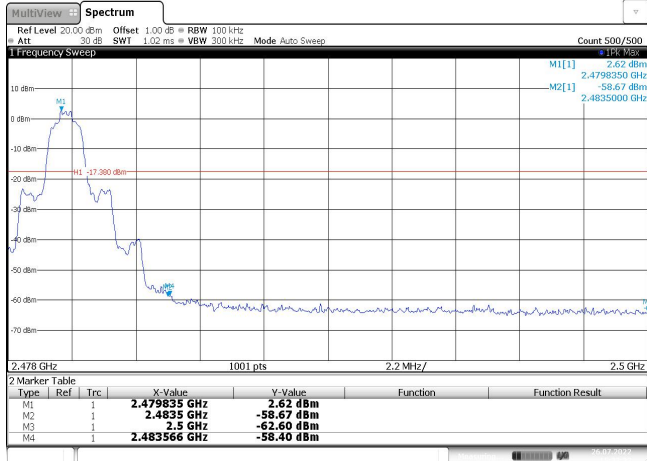
Appendix H: Band edge and Spurious Emissions (conducted)

| Test Item: | Band edge | Modulation type: | GFSK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|--|------------------|---------------|------------|----------|-----------------|---------|---------|----------|-----------------|----|---|--|--------------|----------|--|--|----|---|--|---------------|------------|--|--|----|---|--|----------|------------|--|--|----|---|--|--------------|------------|--|--|----|---|--|--------------|------------|--|--|
| <p>CH00 No hopping mode</p> |  <p>2 Marker Table</p> <table border="1"> <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>5.12 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-54.52 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-64.30 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.00 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399965 GHz</td> <td>-56.56 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 26.JUL.2022 15:16:42</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.401821 GHz | 5.12 dBm | | | M2 | 1 | | 2.4 GHz | -54.52 dBm | | | M3 | 1 | | 2.39 GHz | -64.30 dBm | | | M4 | 1 | | 2.31 GHz | -63.00 dBm | | | M5 | 1 | | 2.399965 GHz | -56.56 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.401821 GHz | 5.12 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4 GHz | -54.52 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.39 GHz | -64.30 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.31 GHz | -63.00 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M5 | 1 | | 2.399965 GHz | -56.56 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>CH00 Hopping mode</p> |  <p>2 Marker Table</p> <table border="1"> <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>2.404953 GHz</td> <td>4.67 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-58.11 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.66 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.80 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399965 GHz</td> <td>-57.57 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 26.JUL.2022 15:17:34</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.404953 GHz | 4.67 dBm | | | M2 | 1 | | 2.4 GHz | -58.11 dBm | | | M3 | 1 | | 2.39 GHz | -63.66 dBm | | | M4 | 1 | | 2.31 GHz | -63.80 dBm | | | M5 | 1 | | 2.399965 GHz | -57.57 dBm | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.404953 GHz | 4.67 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4 GHz | -58.11 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.39 GHz | -63.66 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.31 GHz | -63.80 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M5 | 1 | | 2.399965 GHz | -57.57 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>CH78 No hopping mode</p> |  <p>2 Marker Table</p> <table border="1"> <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>2.479835 GHz</td> <td>2.82 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4798350 GHz</td> <td>-61.59 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-61.59 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.483962 GHz</td> <td>-60.34 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 26.JUL.2022 15:23:09</p> | | | Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | M1 | 1 | | 2.479835 GHz | 2.82 dBm | | | M2 | 1 | | 2.4798350 GHz | -61.59 dBm | | | M3 | 1 | | 2.5 GHz | -61.59 dBm | | | M4 | 1 | | 2.483962 GHz | -60.34 dBm | | | | | | | | | |
| Type | Ref | Trc | X-Value | Y-Value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | 2.479835 GHz | 2.82 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | 1 | | 2.4798350 GHz | -61.59 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | 1 | | 2.5 GHz | -61.59 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M4 | 1 | | 2.483962 GHz | -60.34 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

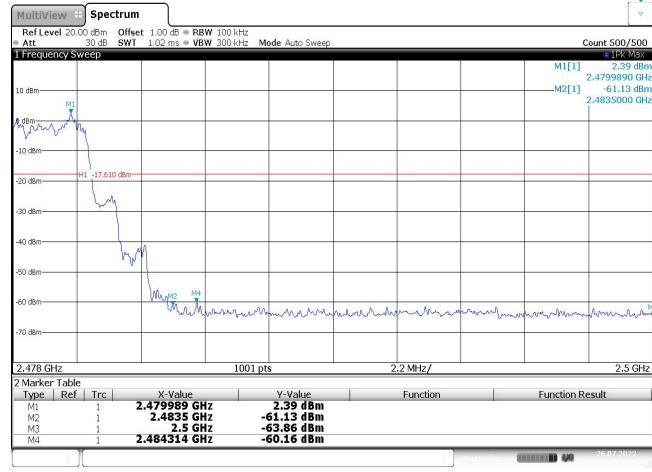
CH78
Hopping mode



Date: 26 JUL 2022 15:47:48

| Test Item: | Band edge | Modulation type: | $\pi/4$ DQPSK |
|---------------------------------|-----------|--|---------------|
| <p>CH00 No hopping mode</p> | |  | |
| <p>CH00 Hopping mode</p> | |  | |
| <p>CH78 No hopping mode</p> | |  | |

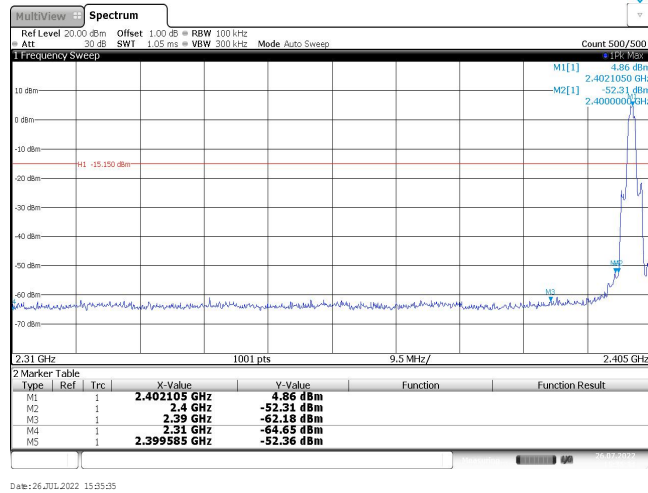
CH78
Hopping mode



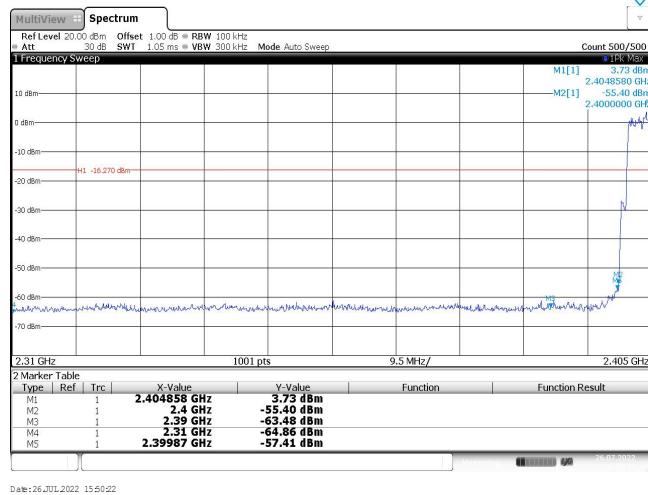
Date: 26 JUL 2022 15:49:15

| | | | |
|-------------------|------------------|-------------------------|--------------|
| Test Item: | Band edge | Modulation type: | 8DPSK |
|-------------------|------------------|-------------------------|--------------|

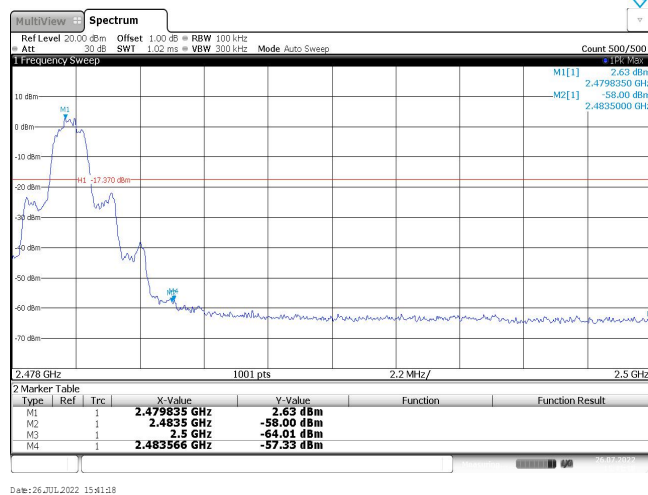
CH00
No hopping mode



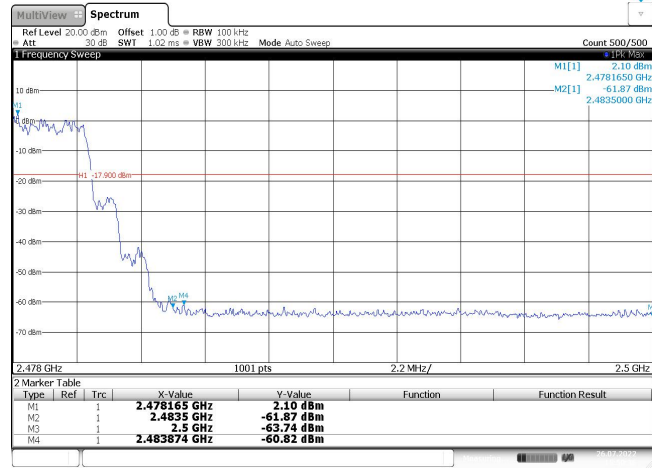
CH00
Hopping mode



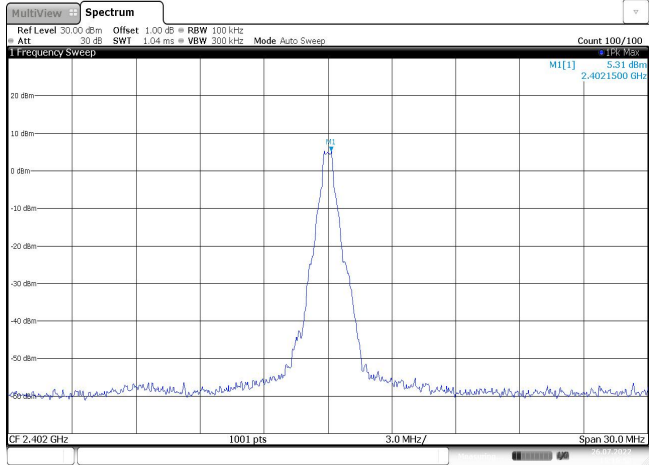
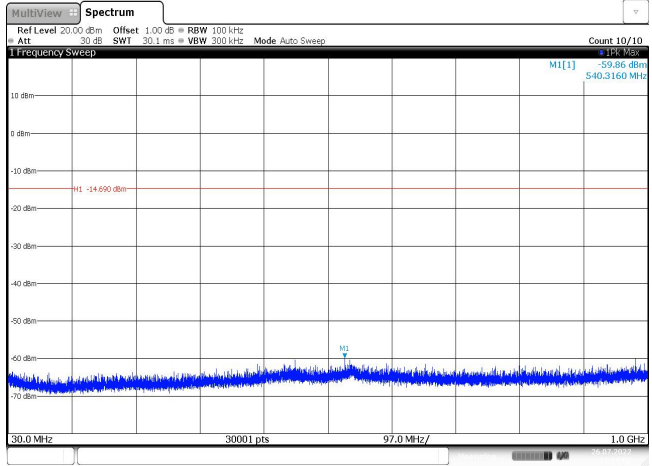
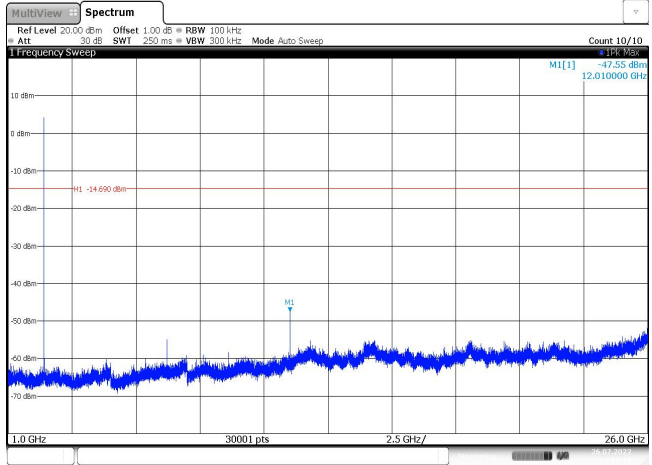
CH78
No hopping mode



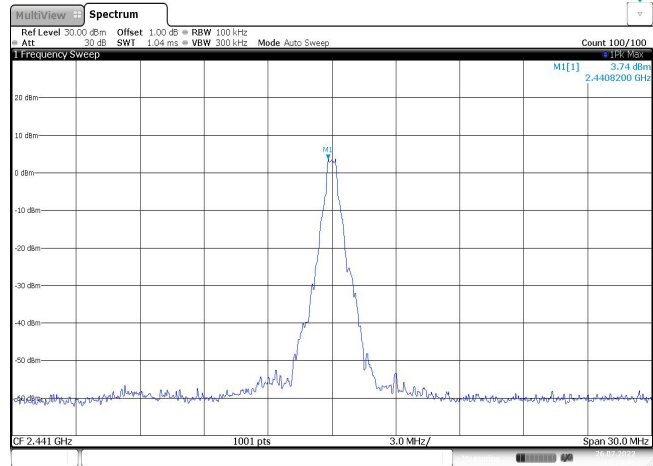
CH78
Hoppig mode



Date: 26 JUL 2022 15:50:36

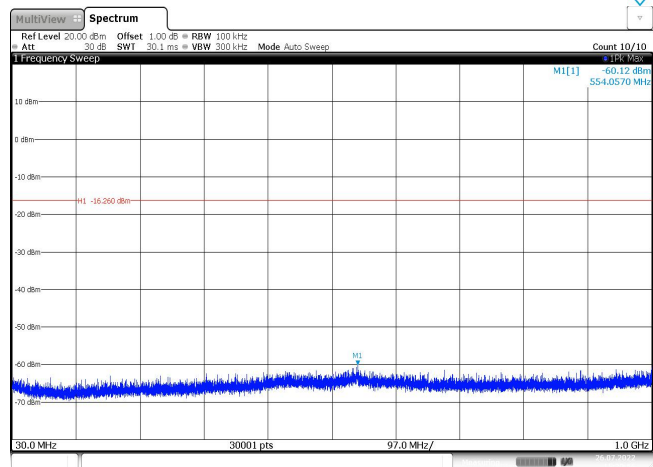
| Test Item: | Spurious Emission | Modulation type: | GFSK |
|---------------------------------|--|------------------|------|
| <p>CH00 Reference level</p> |  <p>MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 2.4021500 GHz 5.31 dBm CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 26.JUL.2022 15:16:50</p> | | |
| <p>CH00 30MHz~1000MHz</p> |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep M1 540.3160 MHz -59.86 dBm M1 -14.690 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 26.JUL.2022 15:17:56</p> | | |
| <p>CH00 1GHz~26GHz</p> |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep M1 12.010000 GHz -47.55 dBm M1 -14.690 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 26.JUL.2022 15:17:22</p> | | |

CH39
Reference level



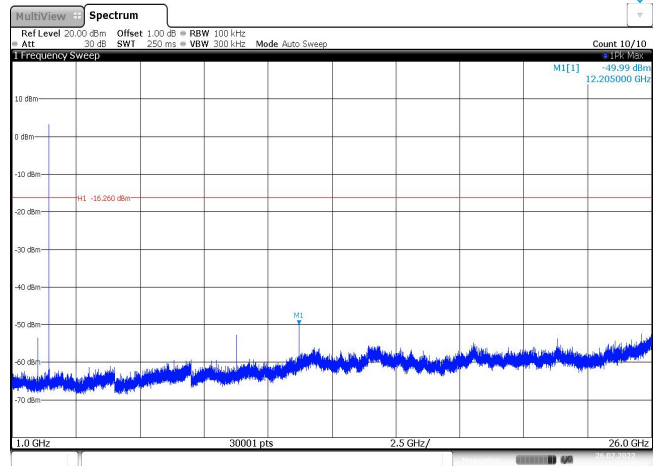
Date: 26 JUL 2022 15:20:41

CH39
30MHz~1000MHz



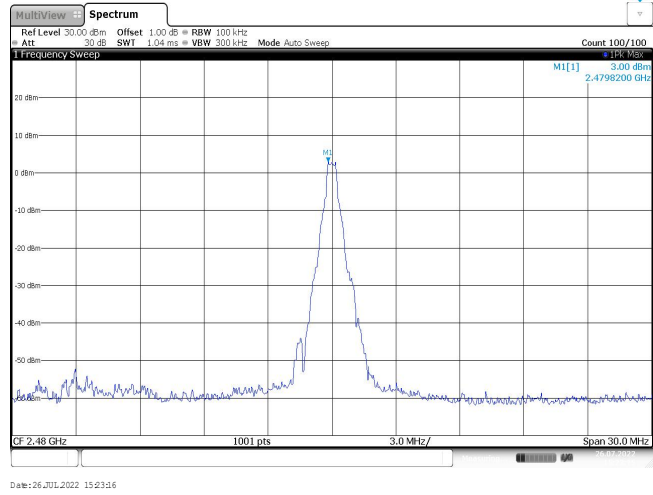
Date: 26 JUL 2022 15:20:57

CH39
1GHz~26GHz

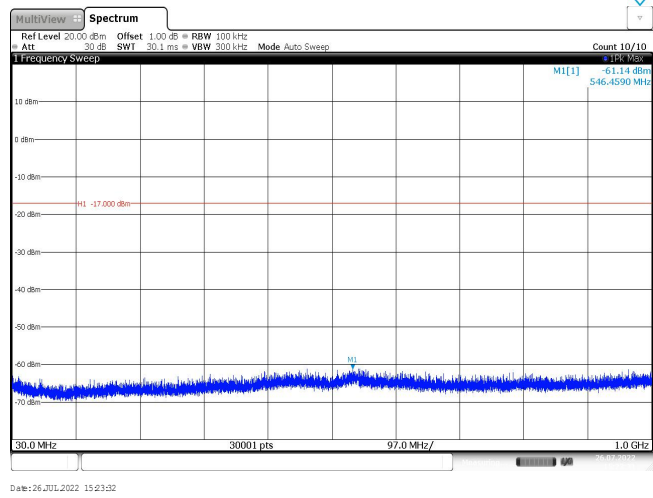


Date: 26 JUL 2022 15:21:13

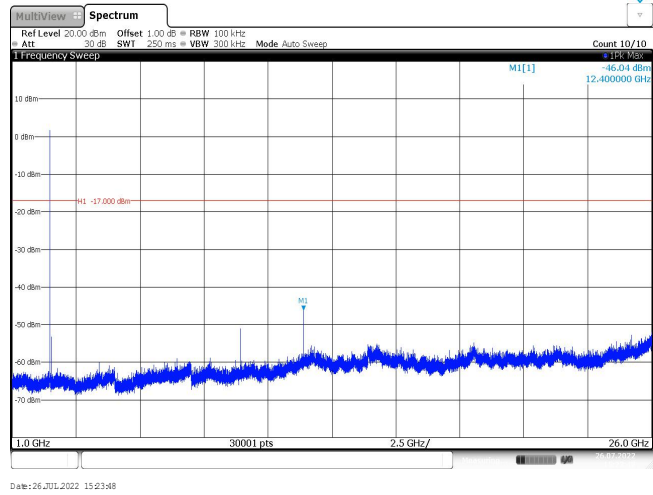
CH78
Reference level

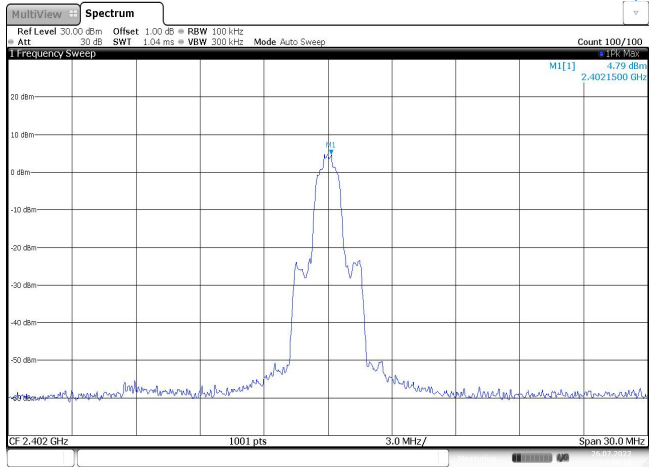
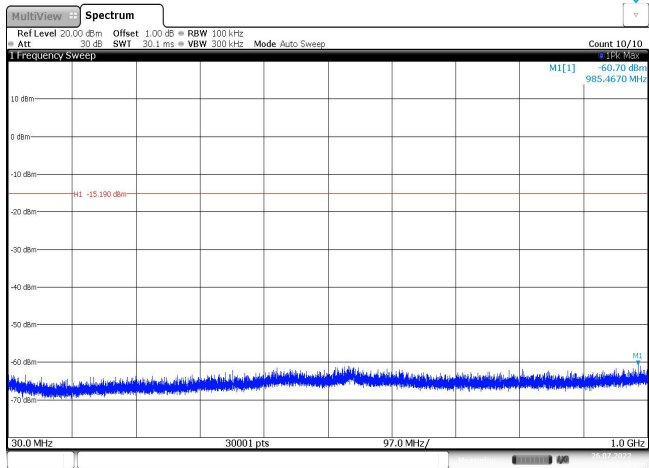
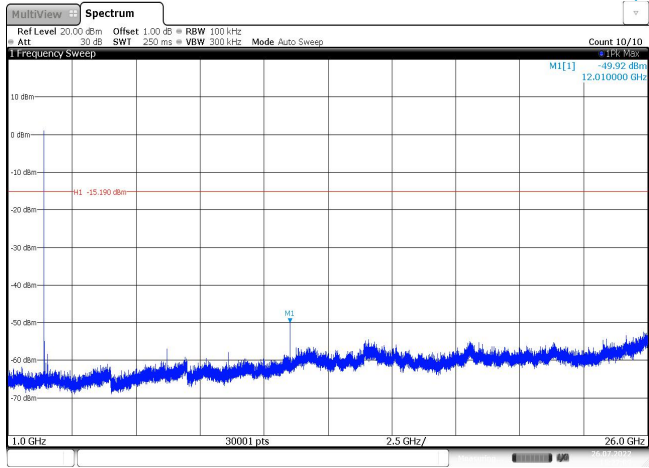


CH78
30MHz~1000MHz

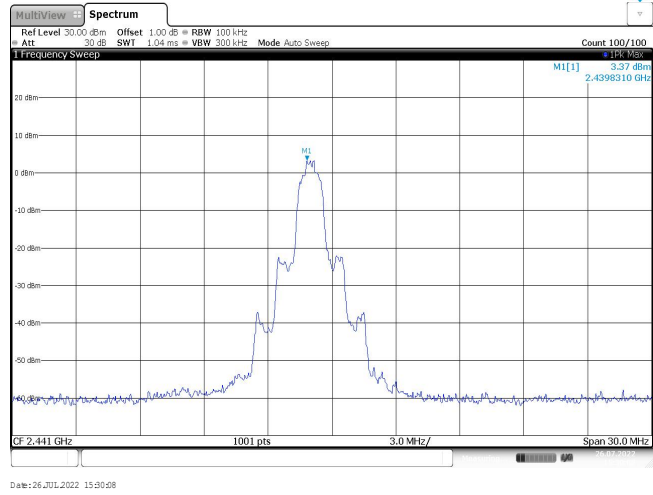


CH78
1GHz~26GHz

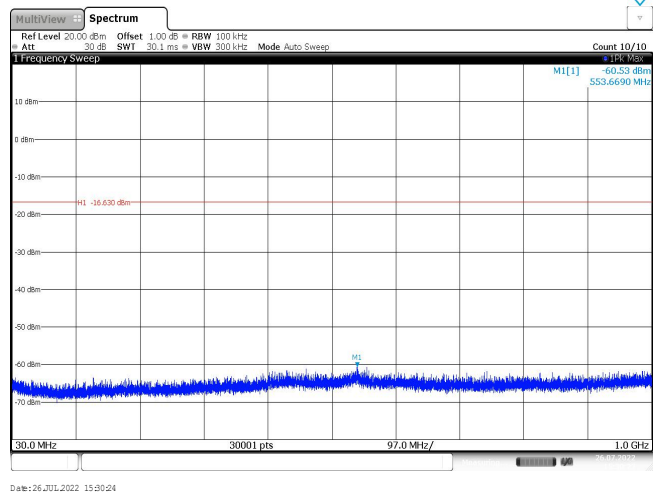


| Test Item: | Spurious Emission | Modulation type: | $\pi/4$ DQPSK |
|---------------------------------|--|------------------|---------------|
| <p>CH00 Reference level</p> |  <p>MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 PK Max M1[1] -4.79 dBm 2.4021500 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 26.JUL.2022 15:26:38</p> | | |
| <p>CH00 30MHz~1000MHz</p> |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 PK Max M1[1] -60.70 dBm 985.4670 MHz M1 -15.190 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 26.JUL.2022 15:26:54</p> | | |
| <p>CH00 1GHz~26GHz</p> |  <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 PK Max M1[1] -49.92 dBm 12.010000 GHz M1 -15.190 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 26.JUL.2022 15:27:10</p> | | |

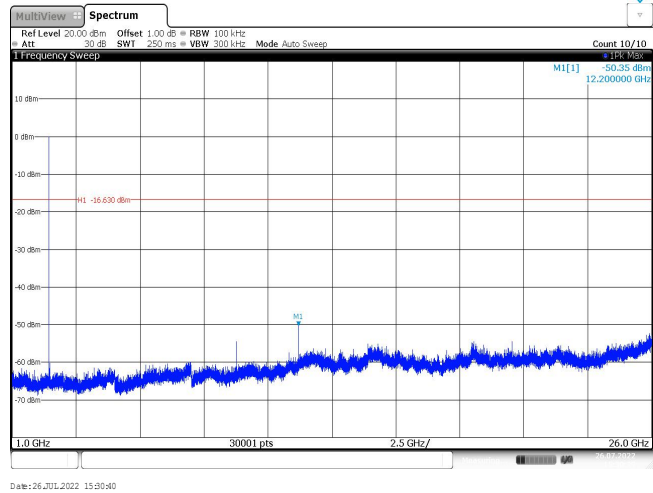
CH39
Reference level



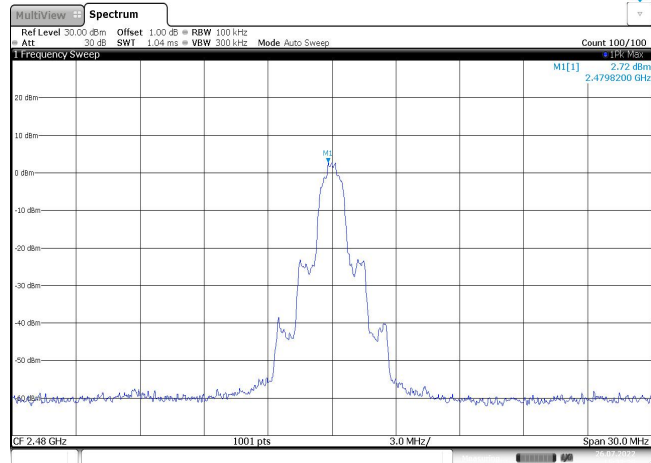
CH39
30MHz~1000MHz



CH39
1GHz~26GHz

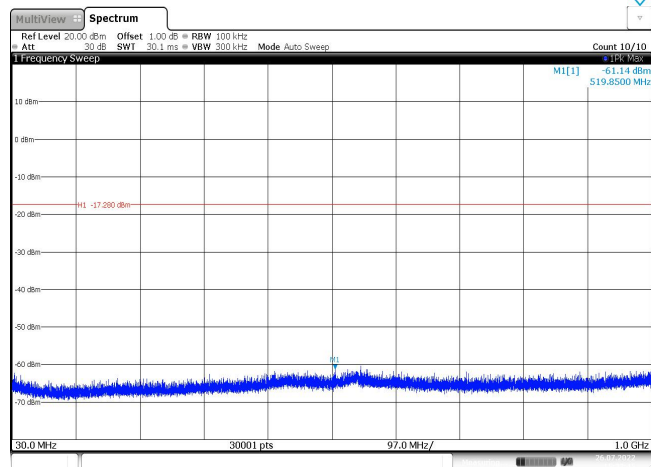


CH78
Reference level



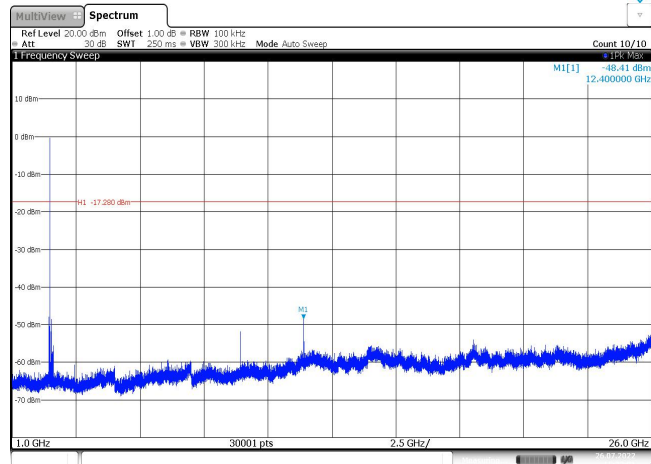
Date: 26 JUL 2022 15:32:29

CH78
30MHz~1000MHz



Date: 26 JUL 2022 15:32:45

CH78
1GHz~26GHz



Date: 26 JUL 2022 15:33:01