

APPENDIX REPORT

Project No.	SHT2201022001EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT22010220002	Model No.	GT10
Start test date	2022-01-13	Finish date	2021-01-14
Temperature	23.5°C	Humidity	40%
Test Engineer	Hailey Chen	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

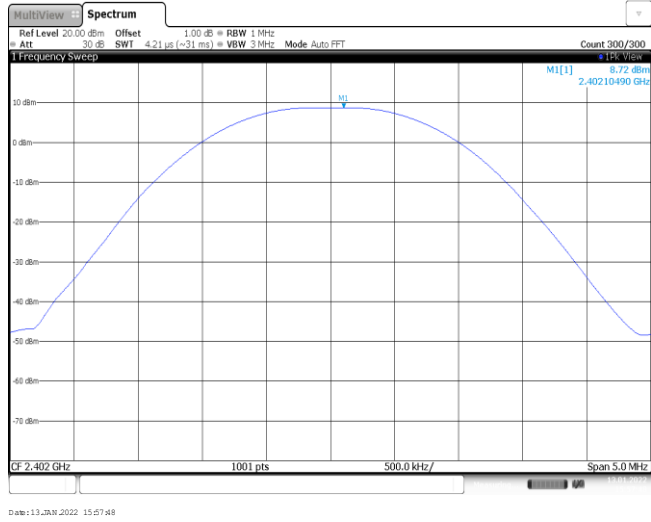
Appendix A: Peak Output Power

Modulation type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
GFSK	00	8.72	8.69	≤ 30.00	Pass
	39	9.65	9.64		
	78	8.88	8.86		
π/4DQPSK	00	9.84	9.32	≤ 21.00	Pass
	39	10.79	10.24		
	78	10.00	9.49		
8DPSK	00	9.94	9.38	≤ 21.00	Pass
	39	9.75	9.08		
	78	10.07	9.56		

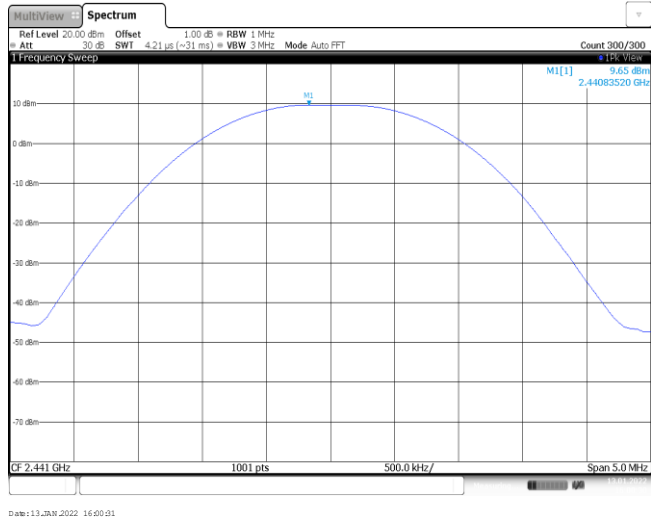
Modulation Type:

GFSK

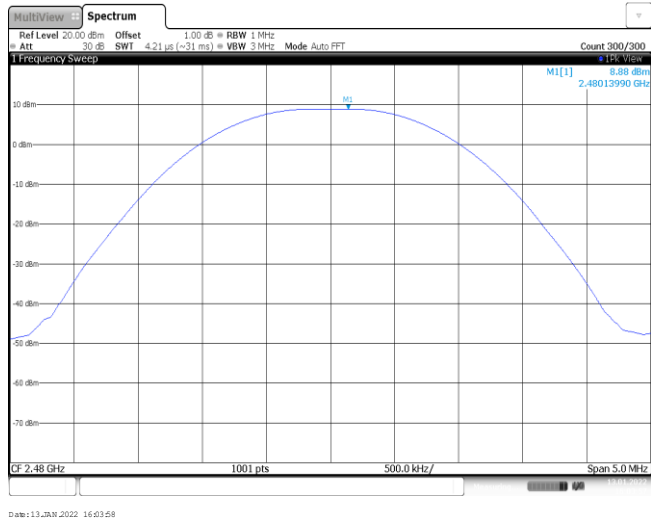
CH00



CH39

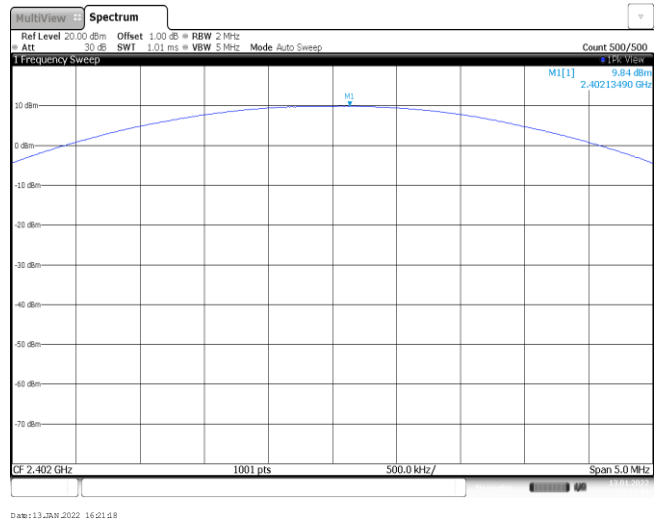


CH78

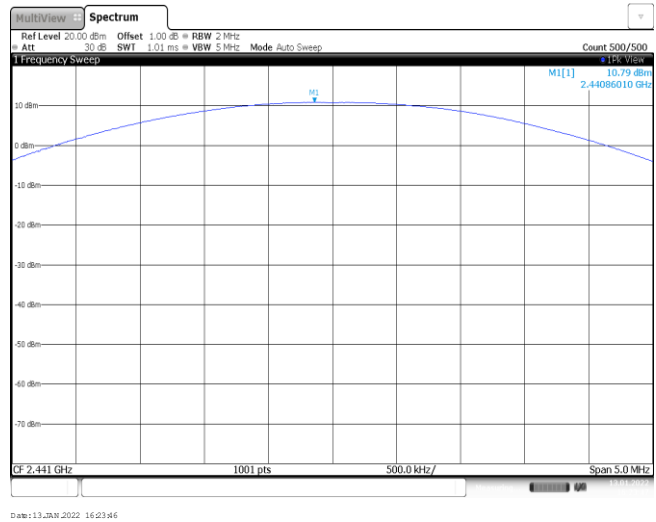


Modulation Type: $\pi/4$ QPSK

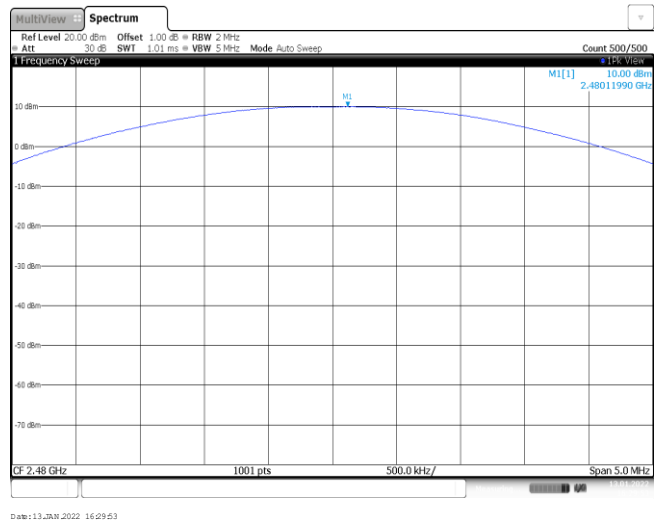
CH00



CH39



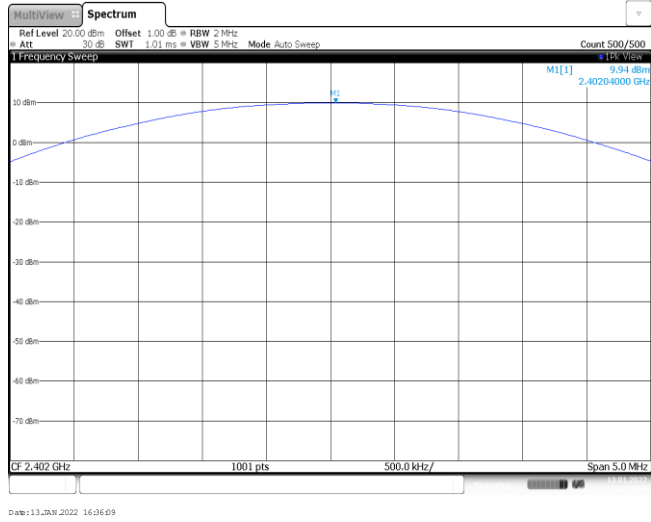
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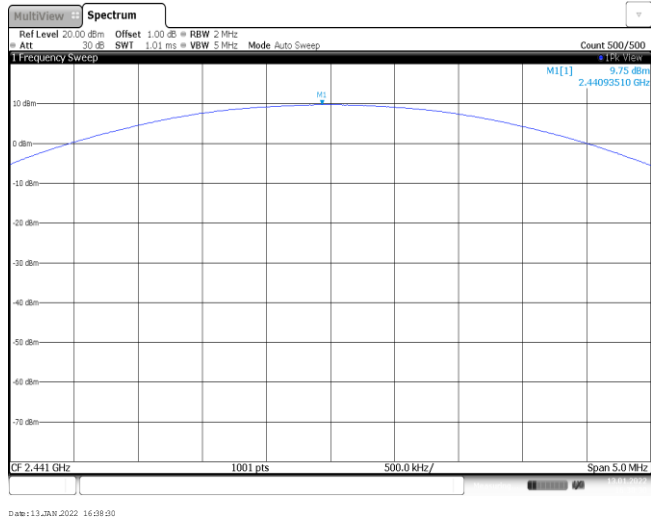
Modulation Type:

8DPSK

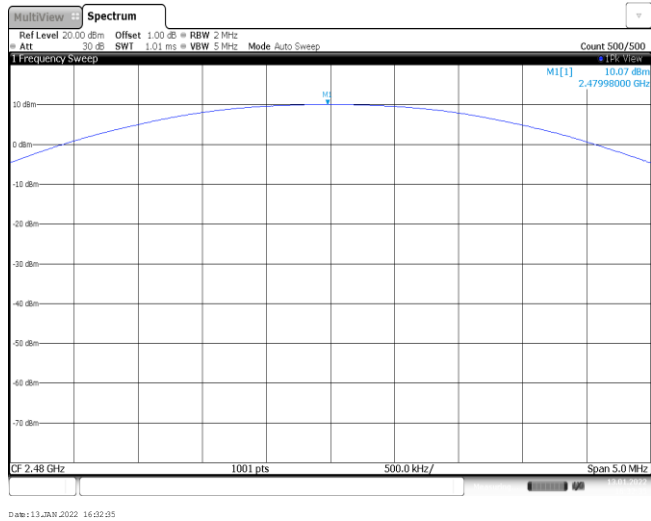
CH00



CH39



CH78

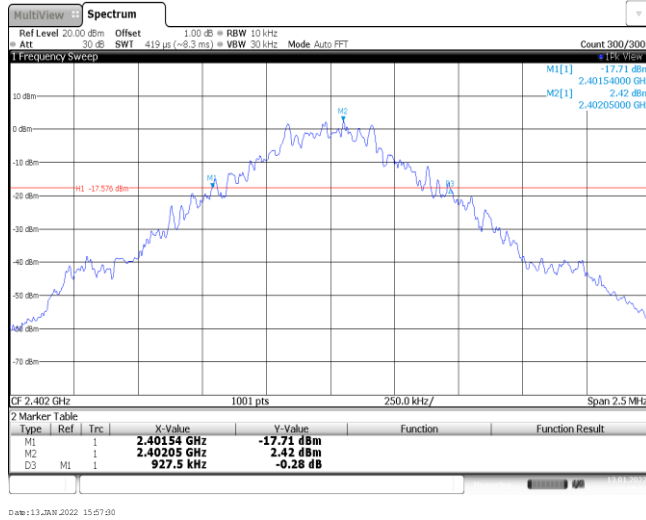


Appendix B : 20 dB Bandwidth

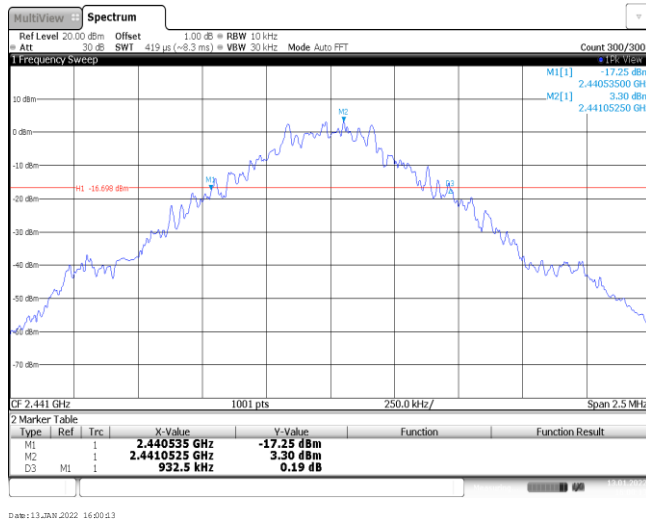
Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	927.50	-	Pass
	39	932.50		
	78	927.50		
$\pi/4$ DQPSK	00	1320.00	-	Pass
	39	1322.50		
	78	1325.00		
8DPSK	00	1307.50	-	Pass
	39	1307.50		
	78	1307.50		

Modulation Type: GFSK

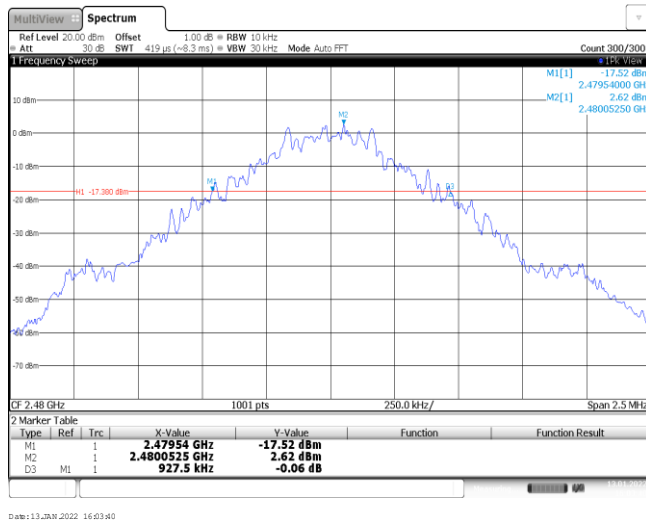
CH00



CH39



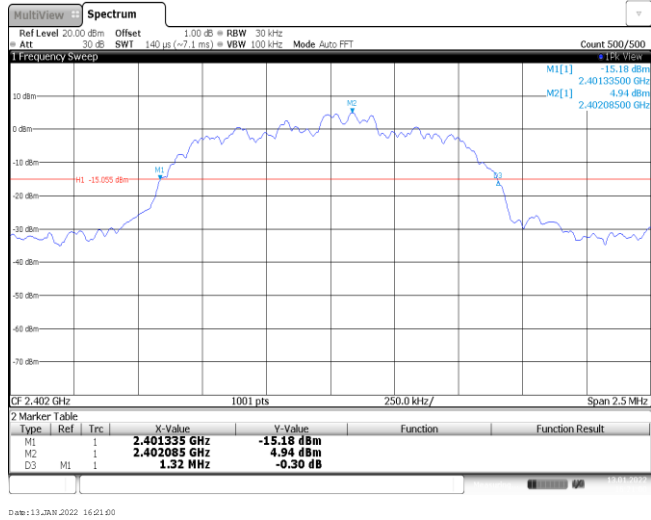
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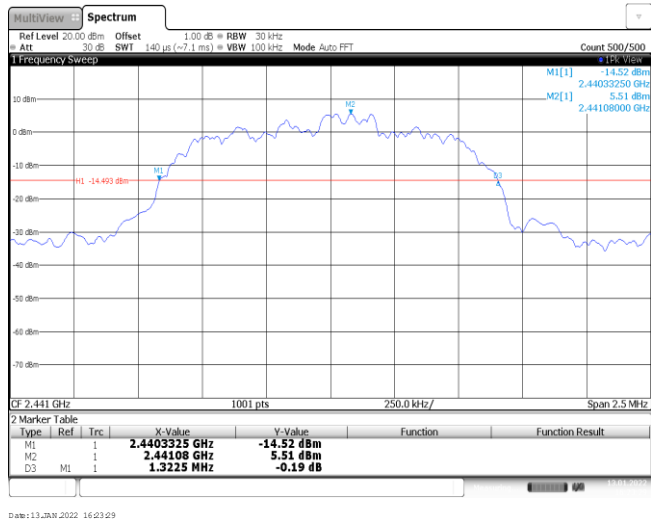
Modulation Type:

$\pi/4$ DQPSK

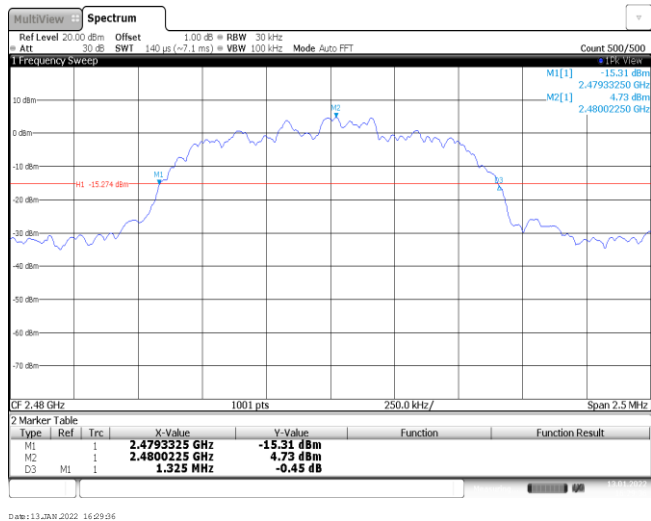
CH00



CH39

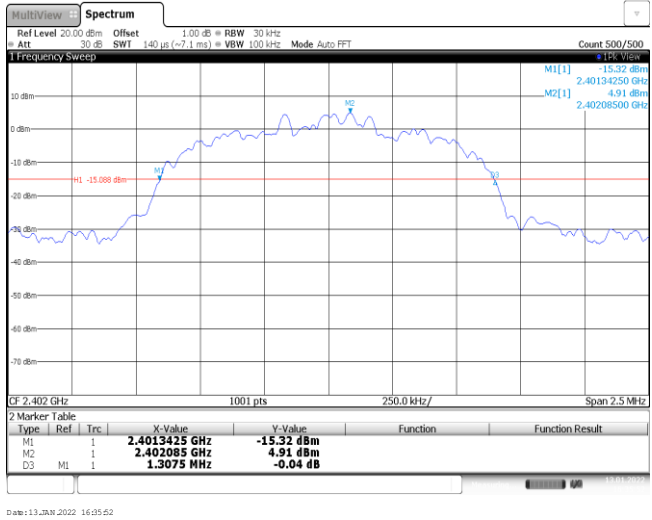


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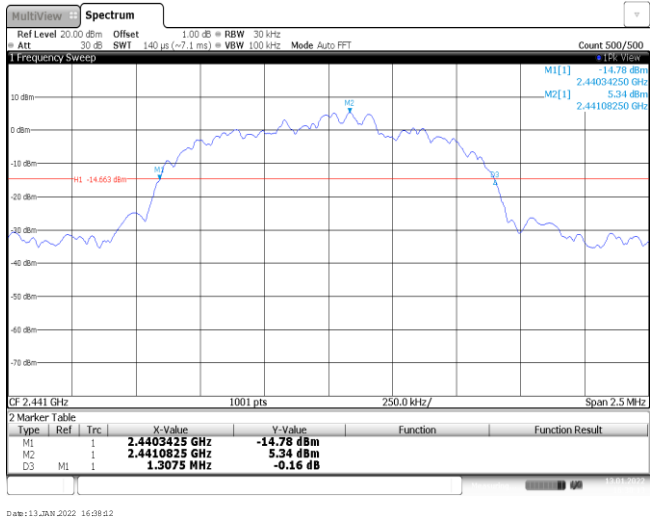


Modulation Type: 8DPSK

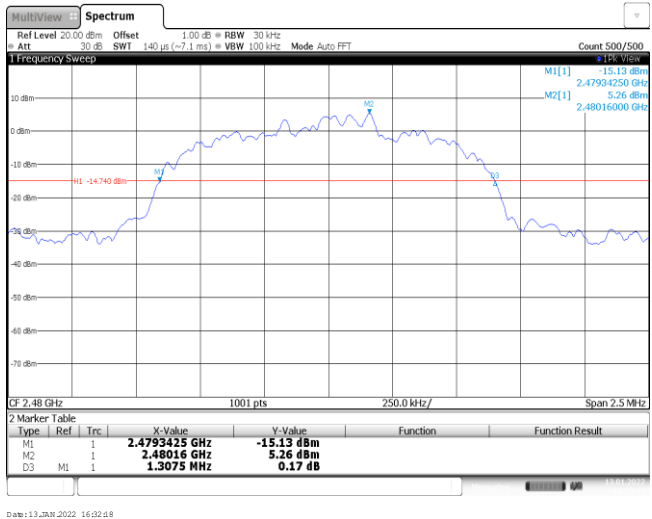
CH00



CH39



CH78

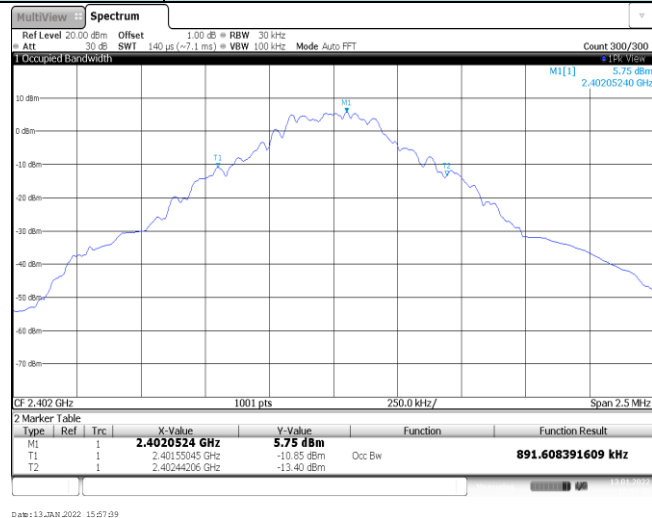


Appendix C: 99% Occupied Bandwidth

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.89	-	Pass
	39	0.88		
	78	0.88		
$\pi/4$ DQPSK	00	1.18	-	Pass
	39	1.18		
	78	1.18		
8DPSK	00	1.19	-	Pass
	39	1.19		
	78	1.19		

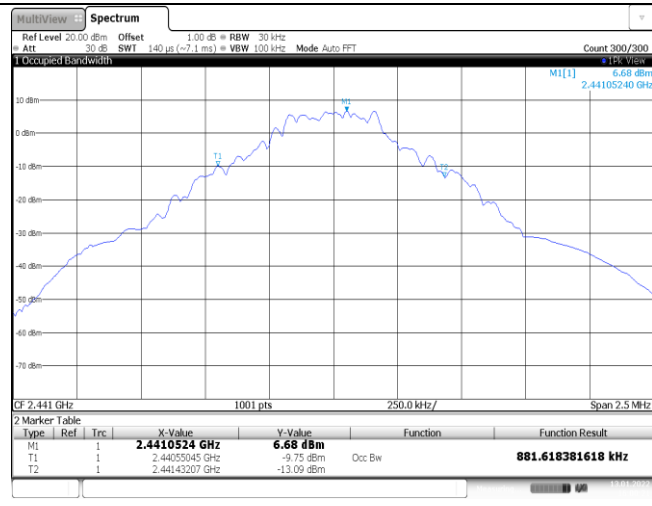
Modulation Type: GFSK

CH00



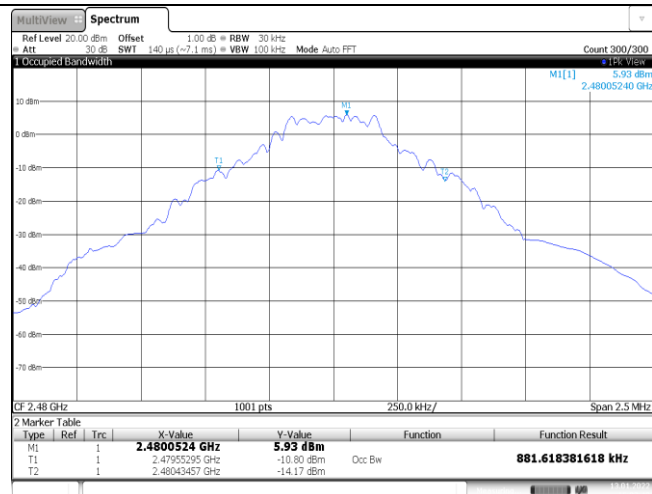
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CH39



Date: 13_JAN 2022 16:50:21

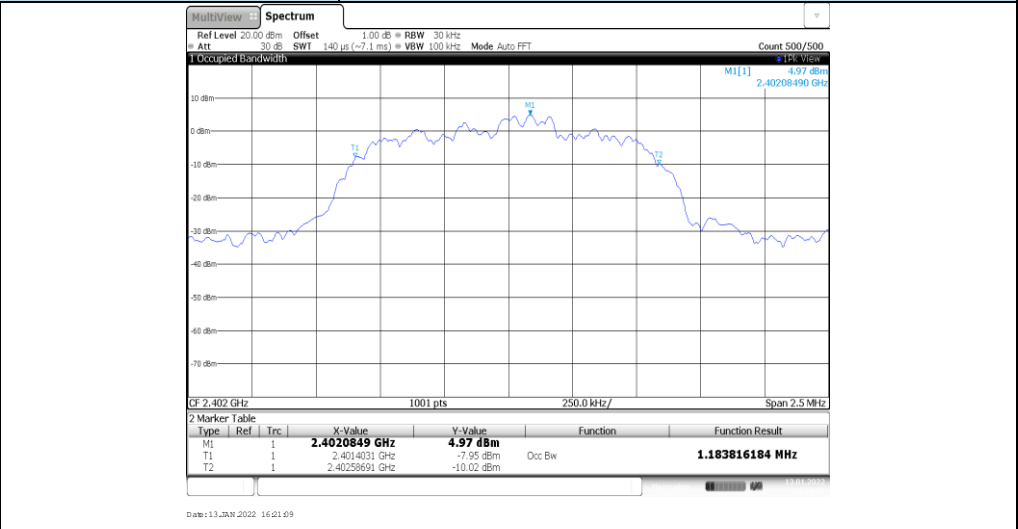
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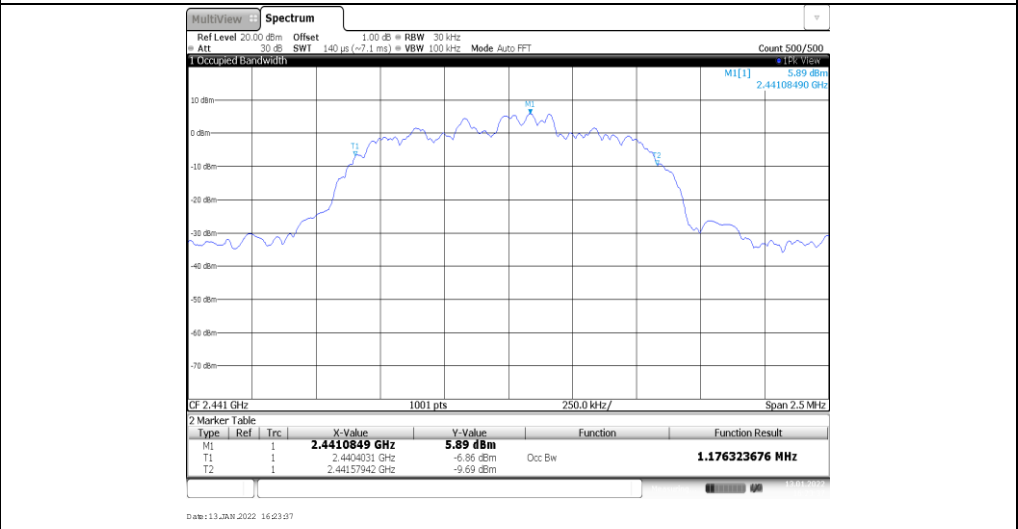
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Modulation Type: **π /4DQPSK**

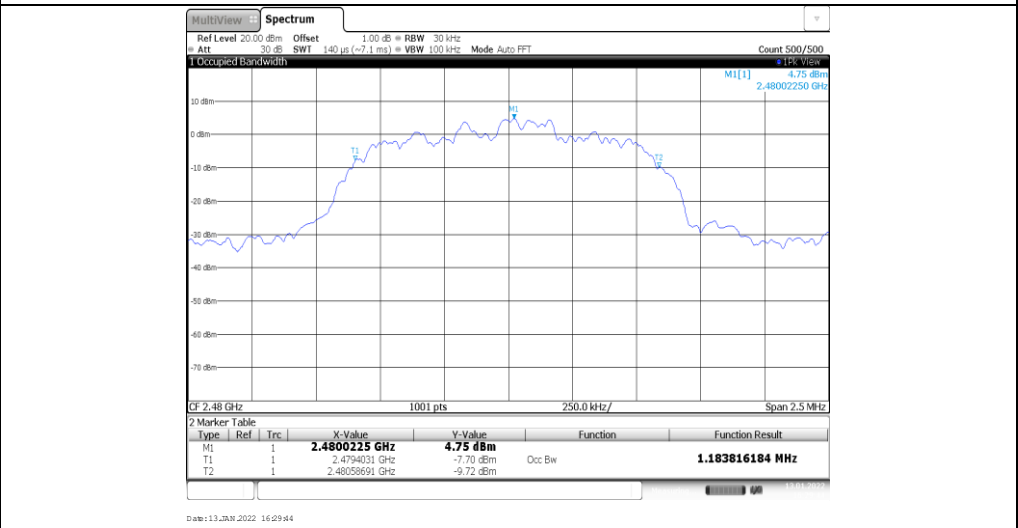
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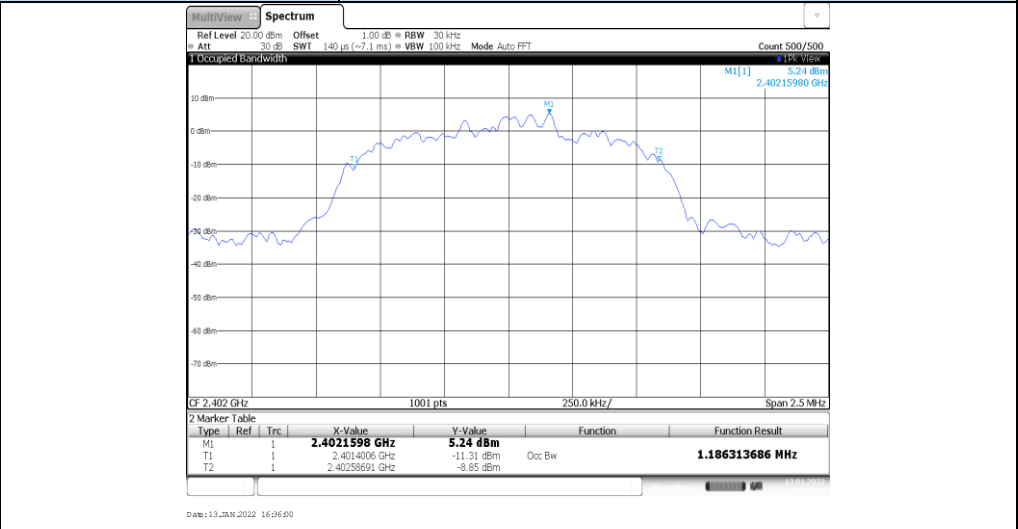


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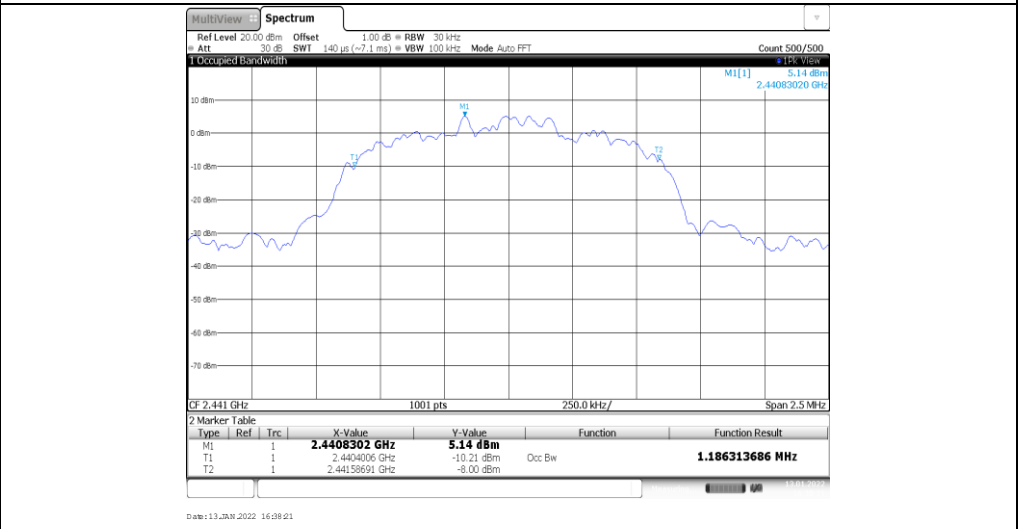


Modulation Type: 8DPSK

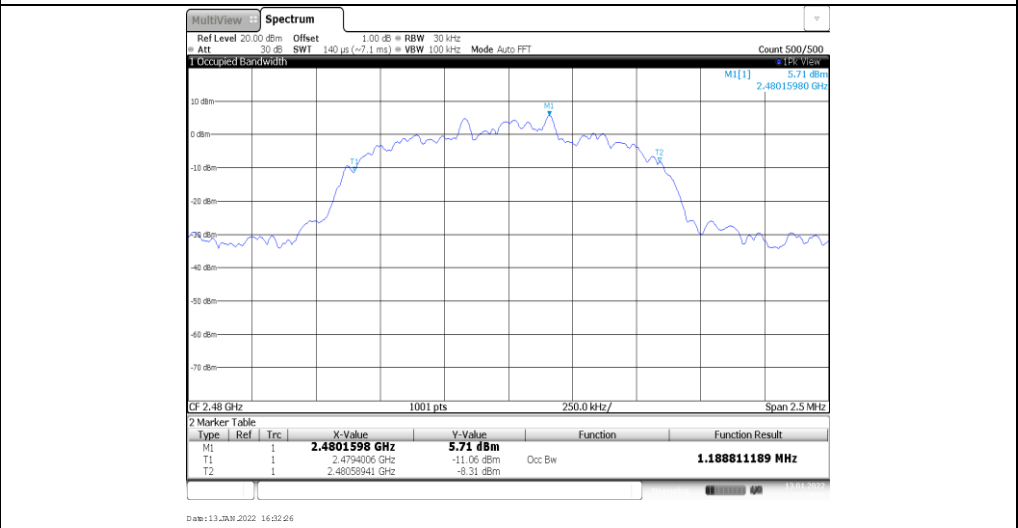
CH00



CH39



CH78



Appendix D: Carrier Frequencies Separation

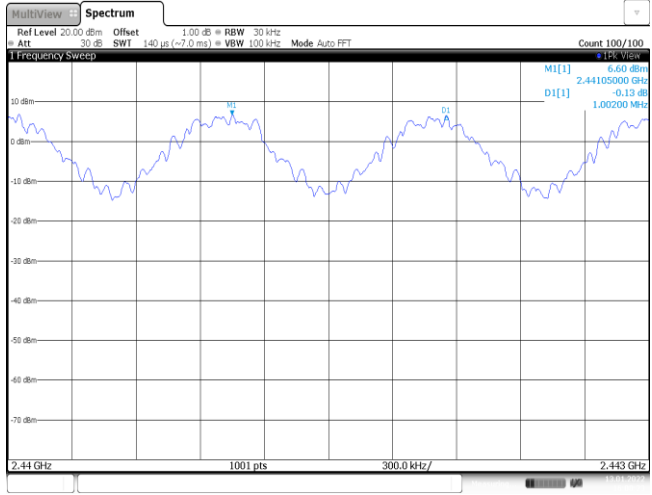
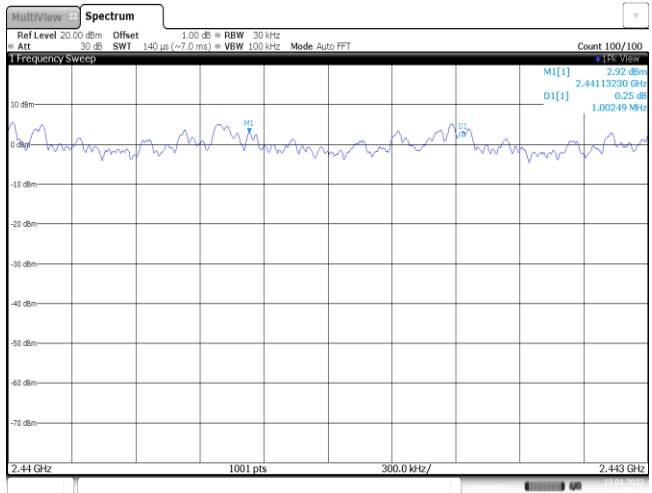
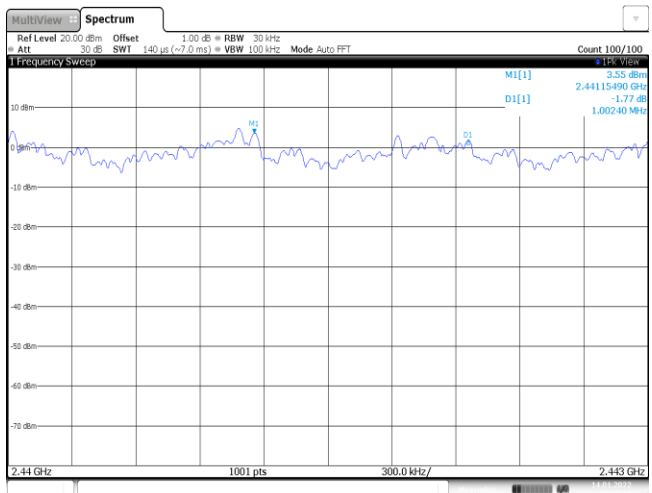
Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥932.50	Pass
π/4DQPSK	39	1.00	≥883.33	Pass
8DPSK	39	1.00	≥871.67	Pass

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.

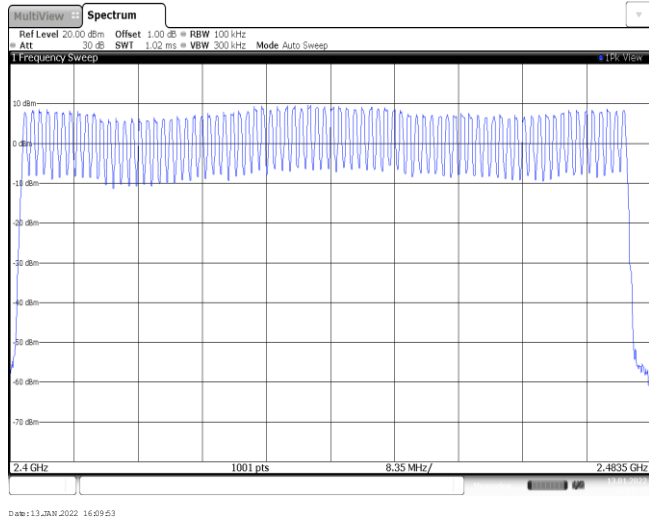
8DPSK limit = 2/3 * The maximum 20 dB Bandwidth for 8DPSK modulation on the appendix B

<p style="text-align: center;">GFSK</p>	 <p>MultiView Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.00 dB = RBW 30 kHz Att 30 dB SWI 140 μs (-7.0 ms) = VBW 100 kHz Mode Auto FFT</p> <p>Count 100/100</p> <p>1 Frequency Sweep</p> <p>M1[1] 6.60 dBm 2.4415000 GHz D1[1] -0.13 dB 1.00200 MHz</p> <p>2.44 GHz 1001 pts 300.0 kHz/ 2.443 GHz</p> <p>Date: 13_JAN_2022 16:28:23</p>
<p style="text-align: center;">$\pi/4$DQPSK</p>	 <p>MultiView Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.00 dB = RBW 30 kHz Att 30 dB SWI 140 μs (-7.0 ms) = VBW 100 kHz Mode Auto FFT</p> <p>Count 100/100</p> <p>1 Frequency Sweep</p> <p>M1[1] 2.92 dBm 2.441152200 GHz D1[1] 0.25 dB 1.00249 MHz</p> <p>2.44 GHz 1001 pts 300.0 kHz/ 2.443 GHz</p> <p>Date: 13_JAN_2022 16:20:16</p>
<p style="text-align: center;">8DPSK</p>	 <p>MultiView Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.00 dB = RBW 30 kHz Att 30 dB SWI 140 μs (-7.0 ms) = VBW 100 kHz Mode Auto FFT</p> <p>Count 100/100</p> <p>1 Frequency Sweep</p> <p>M1[1] 3.55 dBm 2.441154900 GHz D1[1] -1.77 dB 1.00240 MHz</p> <p>2.44 GHz 1001 pts 300.0 kHz/ 2.443 GHz</p> <p>Date: 14_JAN_2022 09:37:18</p>

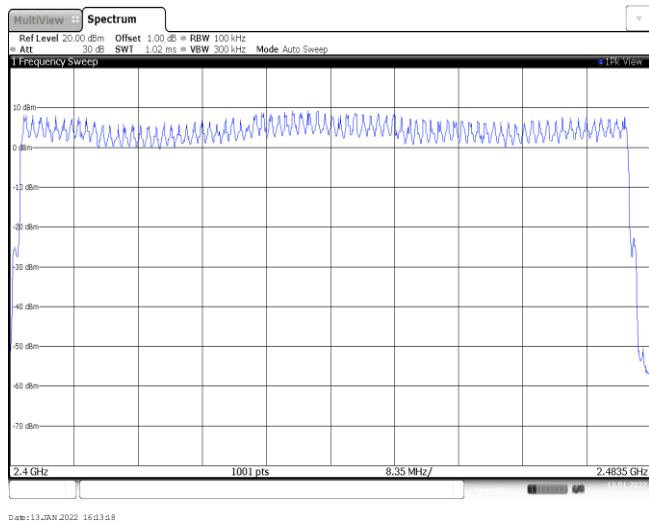
Appendix E: Hopping Channel Number

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

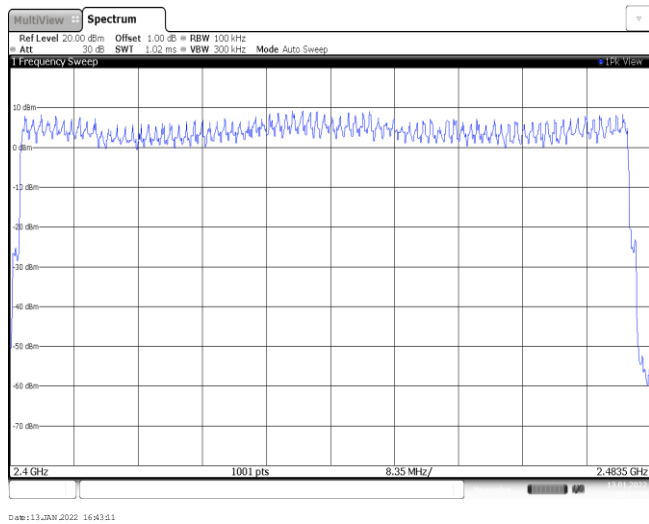
GFSK



$\pi/4$ DQPSK



8DPSK

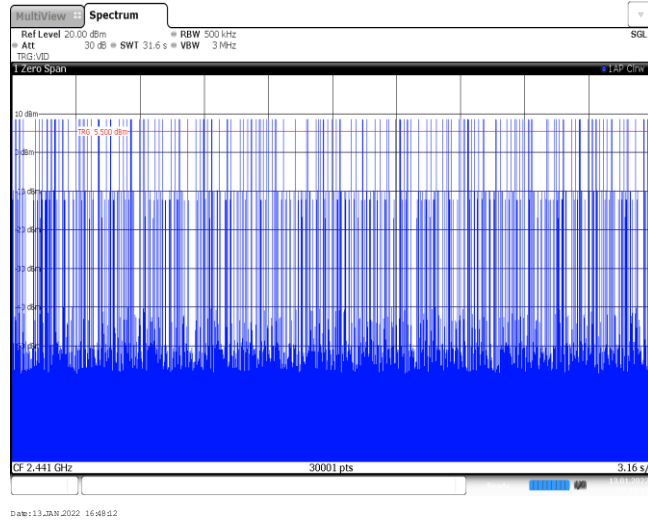


Appendix F: Dwell Time

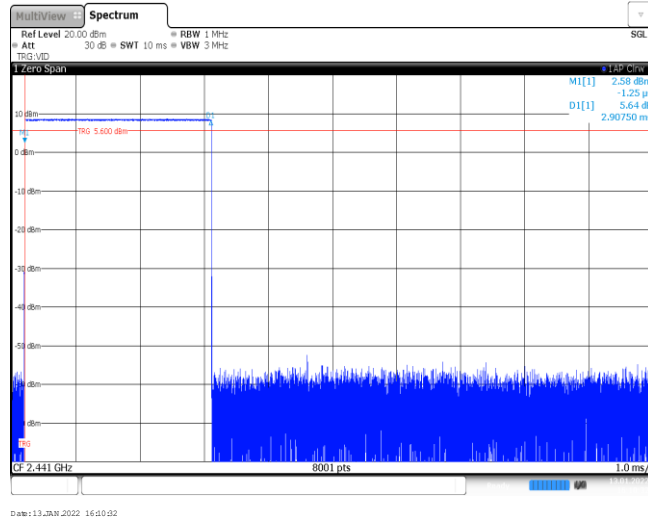
Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.40	314	0.13	≤ 0.40	Pass
	DH3	1.66	161	0.27		
	DH5	2.91	107	0.31		
π/4DQPSK	2DH1	0.40	317	0.13	≤ 0.40	Pass
	2DH3	1.65	161	0.27		
	2DH5	2.90	107	0.31		
8DPSK	3DH1	0.39	316	0.12	≤ 0.40	Pass
	3DH3	1.65	160	0.26		
	3DH5	2.90	106	0.31		

Modulation Type: GFSK	
DH1 Burst width	<p>Ref Level 20.00 dBm RBW 1 MHz Att 30 dB SWT 10 ms VBW 3 MHz</p> <p>M[1] 6.56 dBm D1[1] 1.28 dB 403.75 ps</p> <p>CF 2.441 GHz 8001 pts 1.0 ms/</p> <p>Date: 13 JAN 2022 16:46:25</p>
DH1 Burst number	<p>Ref Level 20.00 dBm RBW 500 kHz Att 30 dB SWT 31.6 s VBW 3 MHz</p> <p>CF 2.441 GHz 30001 pts 3.16 s/</p> <p>Date: 13 JAN 2022 16:46:59</p>
DH3 Burst width	<p>M[1] 3.49 dBm D1[1] 4.72 dB 1.66000 ms</p> <p>CF 2.441 GHz 8001 pts 1.0 ms/</p> <p>Date: 13 JAN 2022 16:47:38</p>

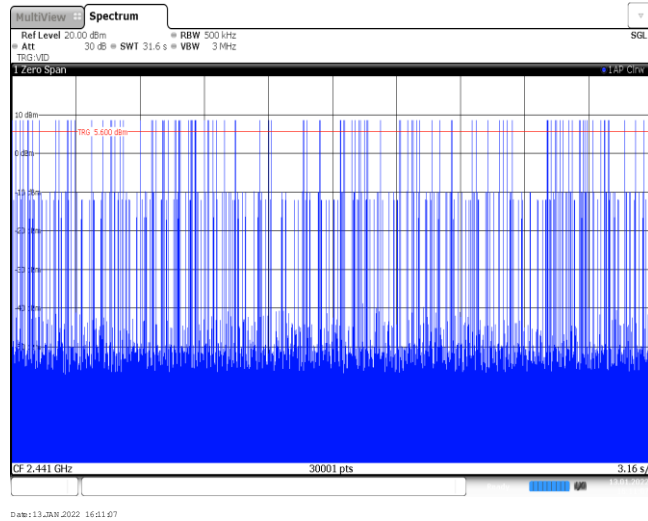
DH3
Burst number



DH5
Burst width

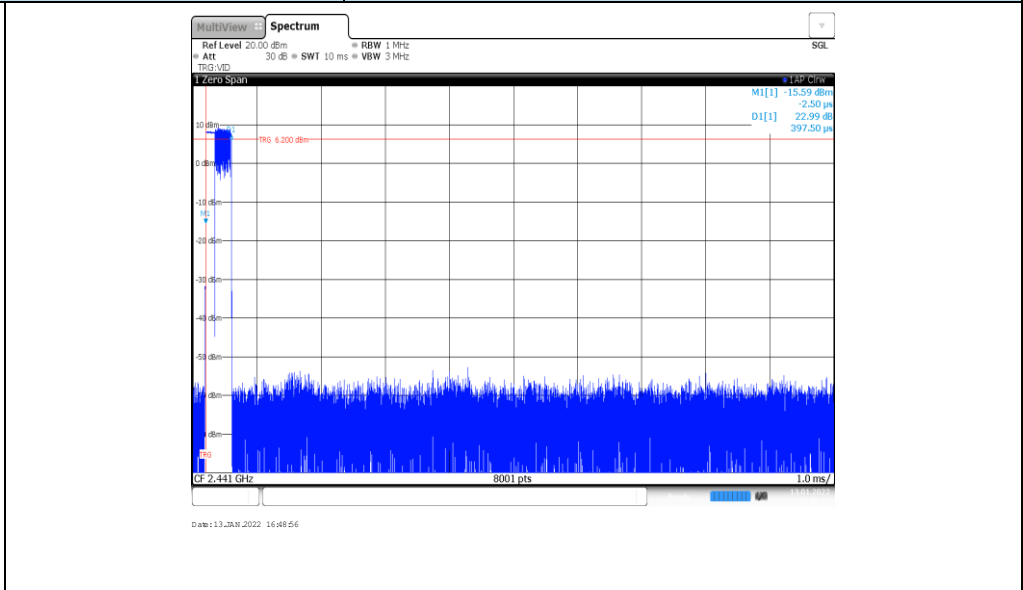


DH5
Burst number

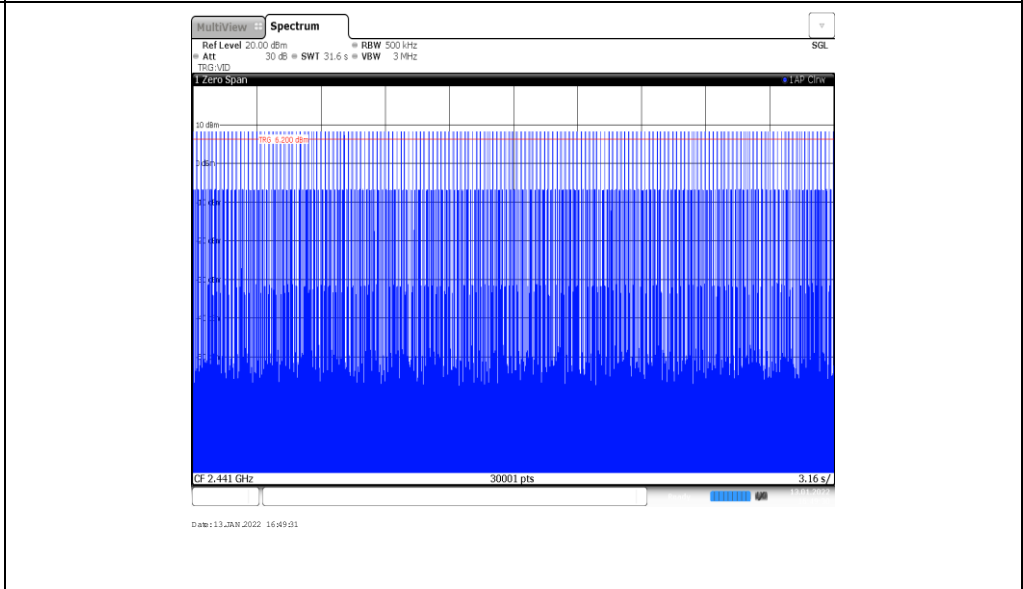


Modulation Type: $\pi/4$ DQPSK

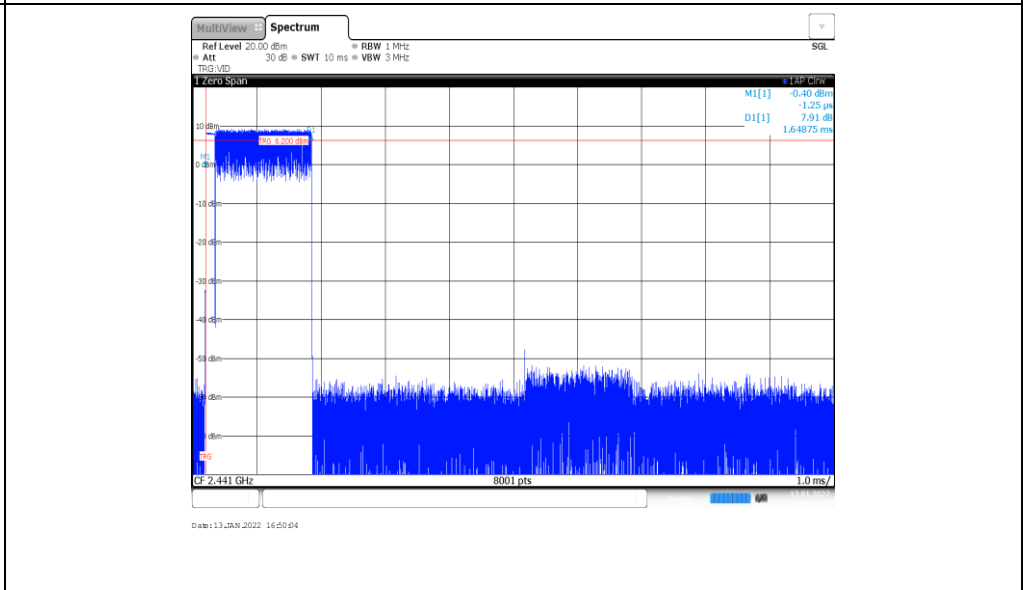
2DH1
Burst width



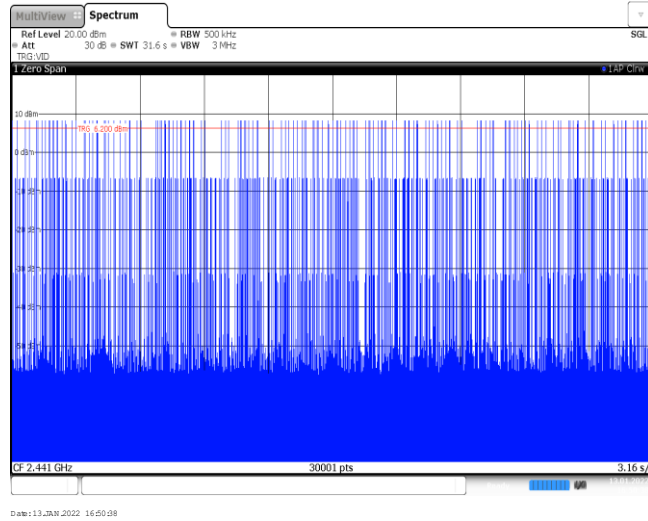
2DH1
Burst number



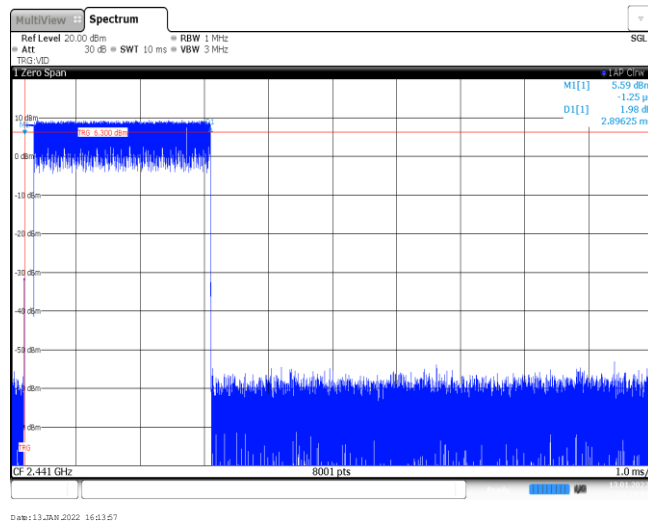
2DH3
Burst width



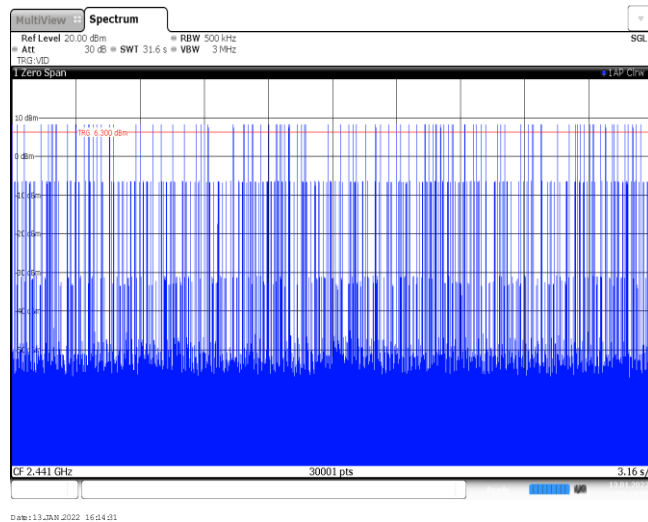
2DH3
Burst number



2DH5
Burst width

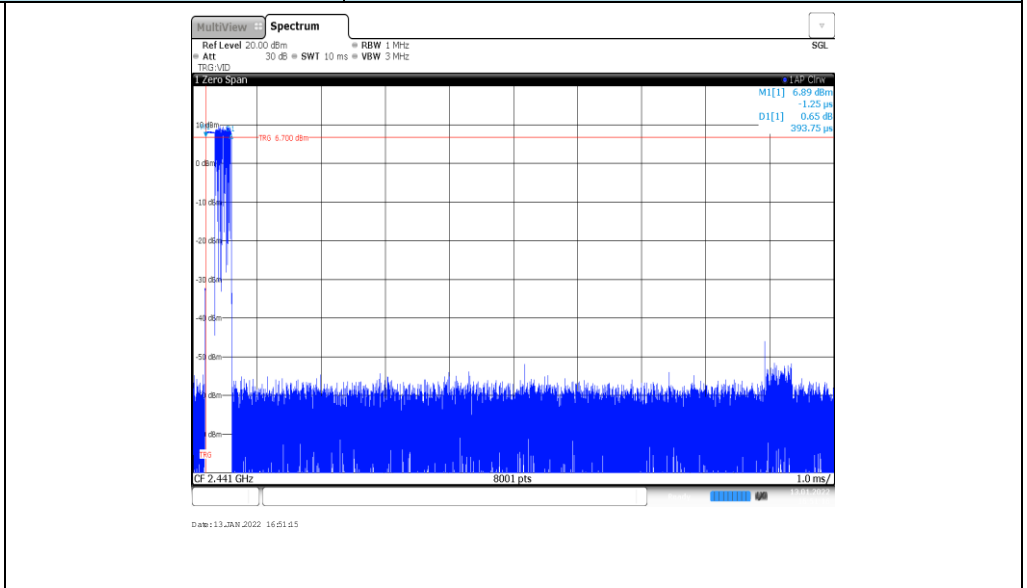


2DH5
Burst number

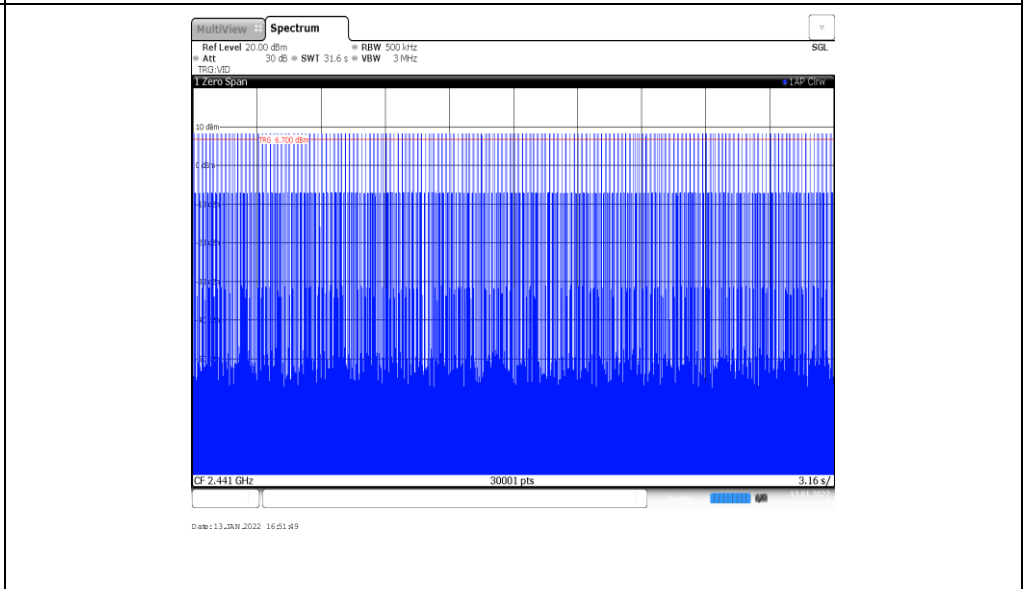


Modulation Type: 8DPSK

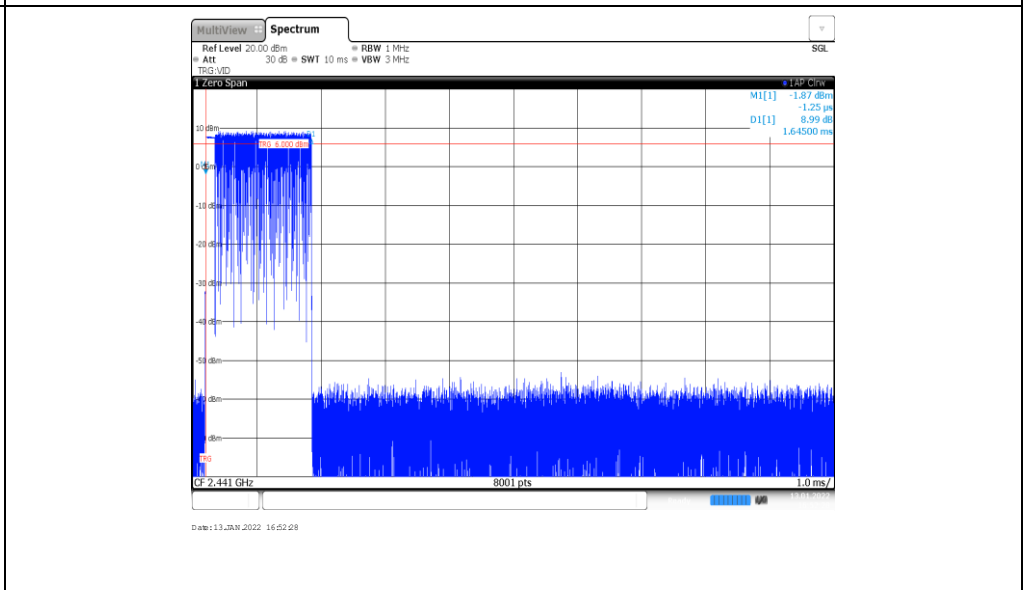
3DH1
Burst width



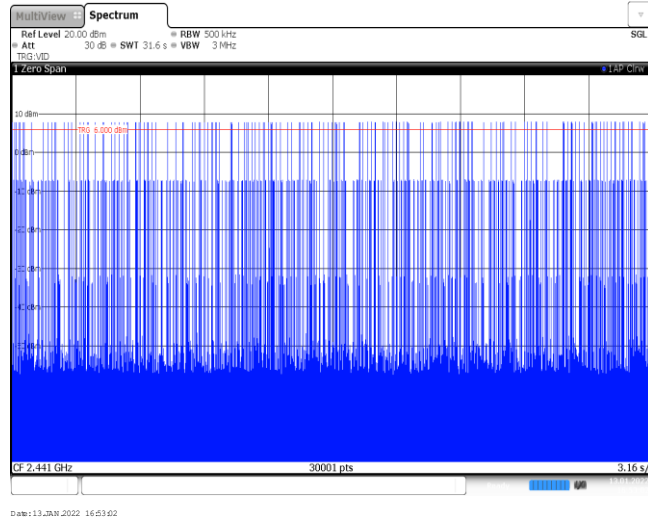
3DH1
Burst number



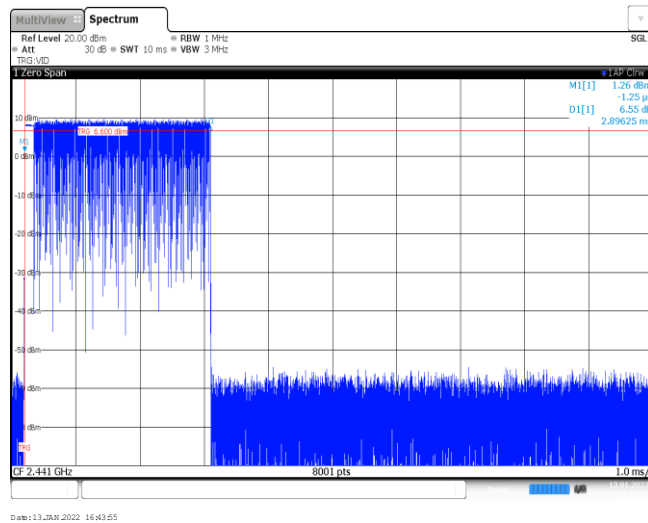
3DH3
Burst width



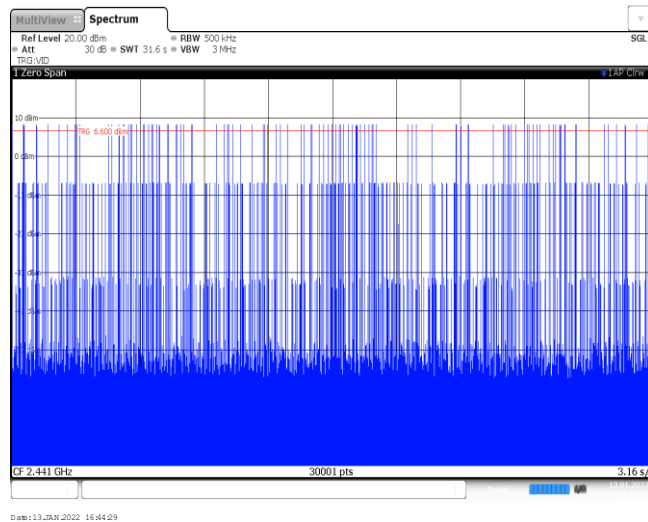
3DH3
Burst number



3DH5
Burst width



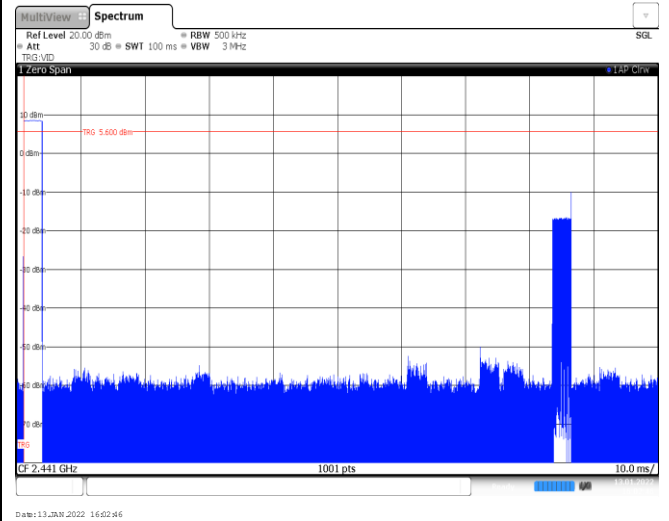
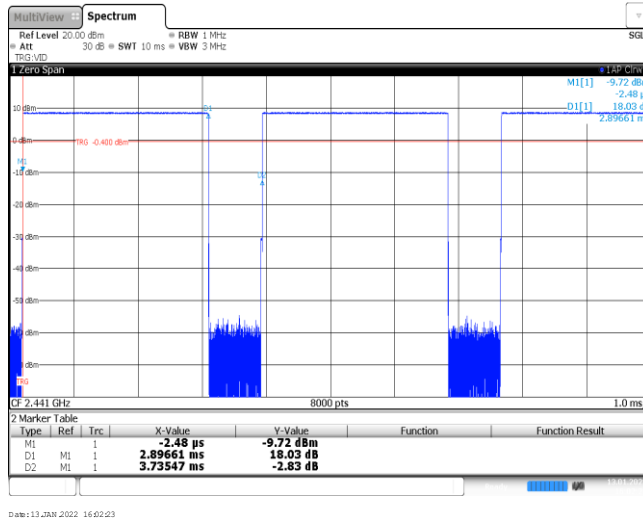
3DH5
Burst number



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	2.90	100	2	-24.73
$\pi/4$ DQPSK	2441	2.89	100	1	-30.78
8DPSK	2441	2.89	100	1	-30.78

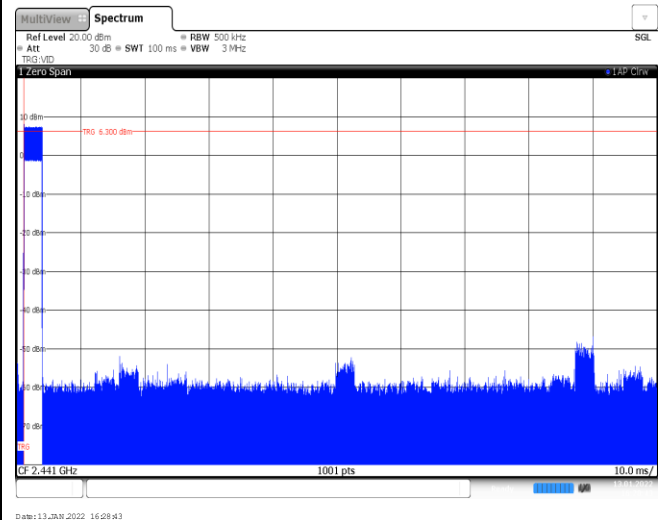
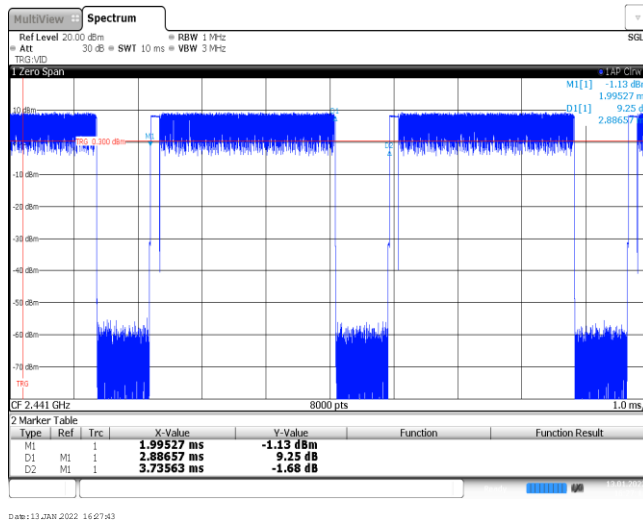
GFSK



Ton time for single burst

Burst Quantity

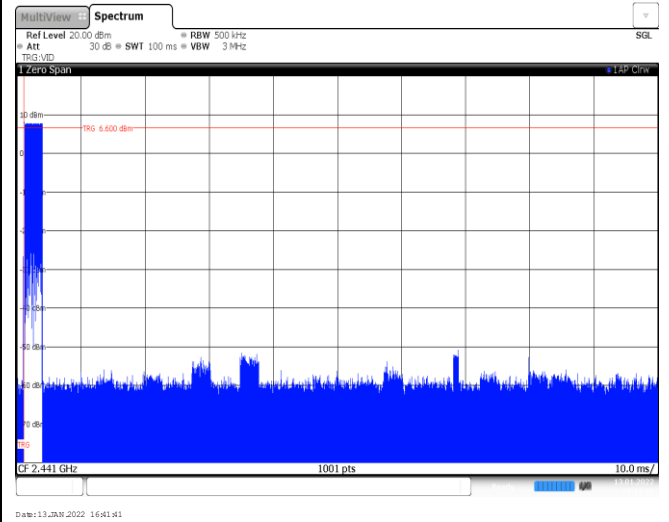
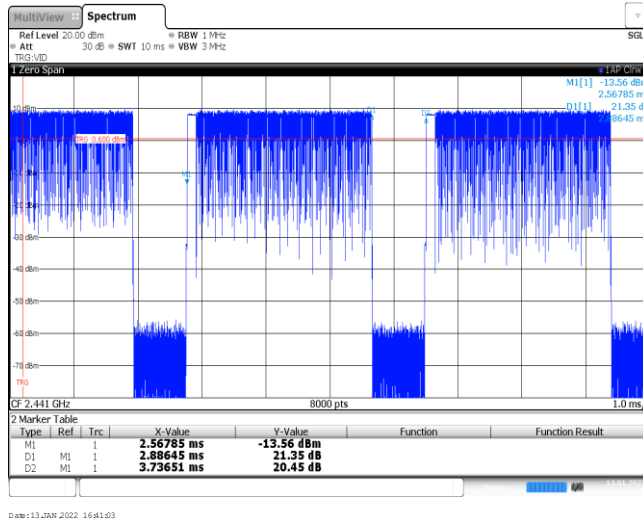
$\pi/4$ DQPSK



Ton time for single burst

Burst Quantity

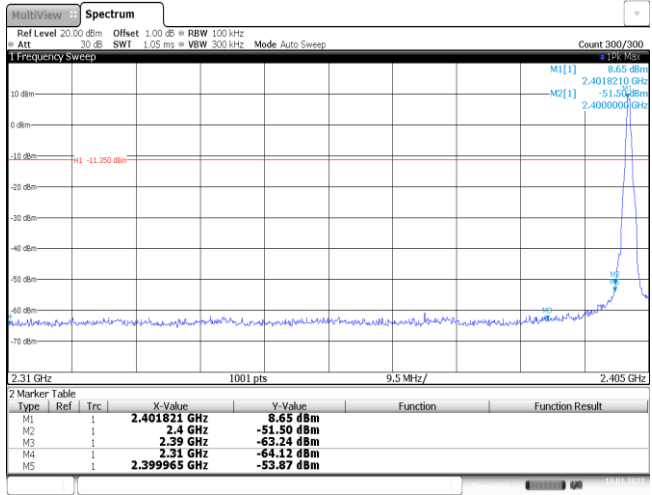
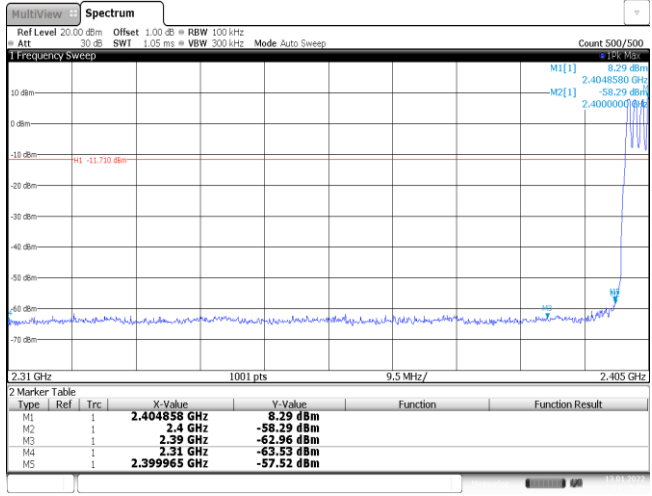
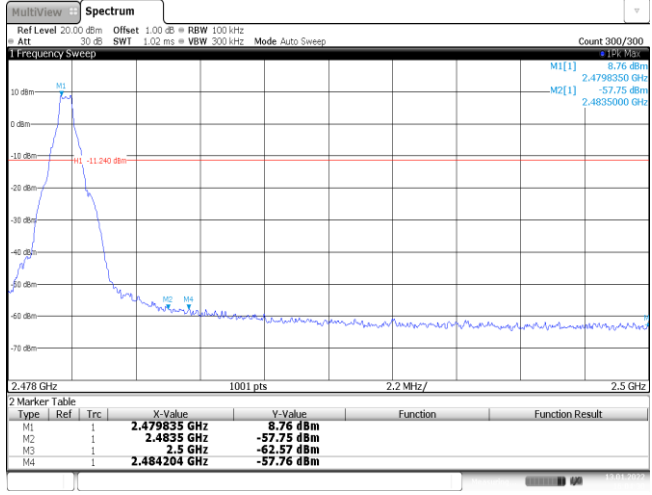
8DPSK



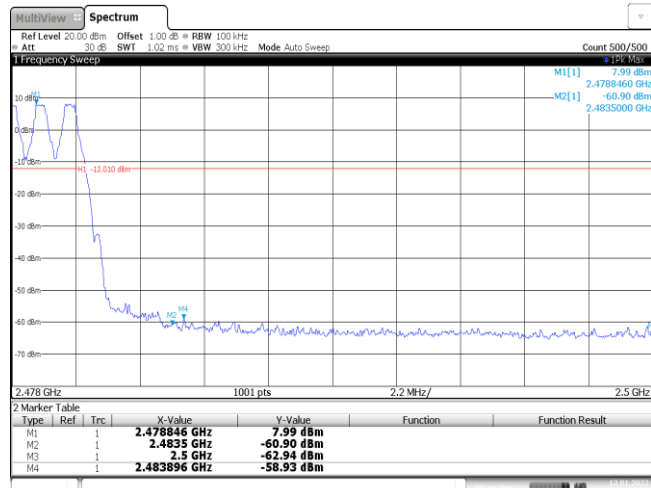
Ton time for single burst

Burst Quantity

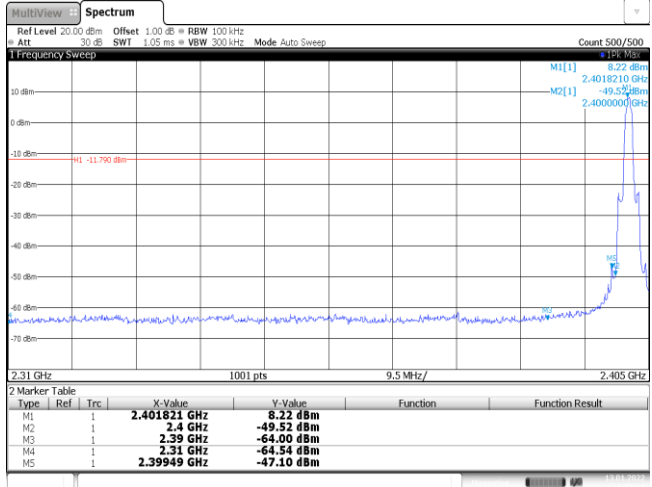
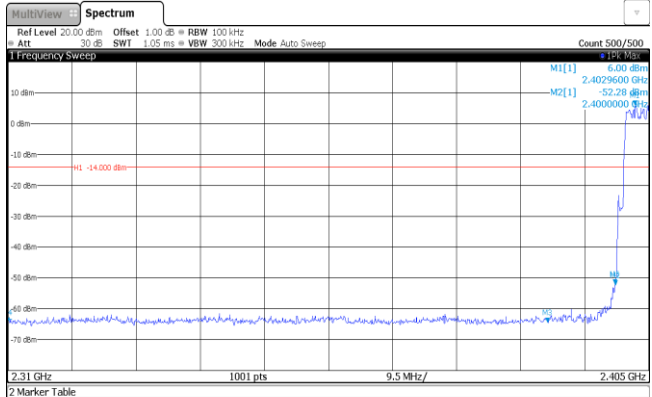
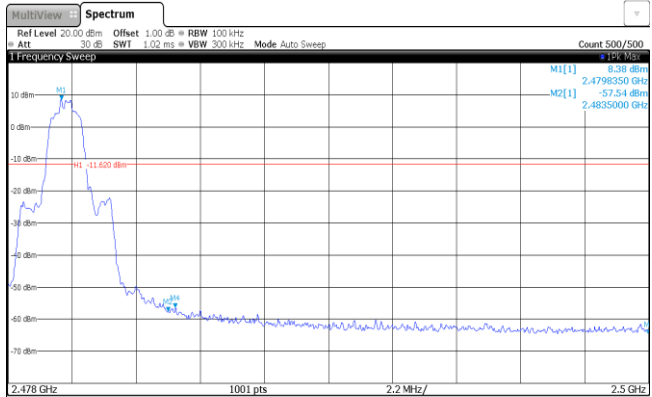
Appendix H: Band edge and Spurious Emissions (conducted)

Test Item:	Band edge	Modulation type:	GFSK																																										
<p>CH00 No hopping mode</p>	 <table border="1" data-bbox="683 741 1337 831"> <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>8.65 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-51.50 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.24 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.12 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399965 GHz</td> <td>-53.87 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13 JAN 2022 15:58:24</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.401821 GHz	8.65 dBm			M2	1		2.4 GHz	-51.50 dBm			M3	1		2.39 GHz	-63.24 dBm			M4	1		2.31 GHz	-64.12 dBm			M5	1		2.399965 GHz	-53.87 dBm		
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<p>CH00 Hopping mode</p>	 <table border="1" data-bbox="683 1290 1337 1379"> <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>2.404858 GHz</td> <td>8.29 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-58.29 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-62.96 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.53 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399965 GHz</td> <td>-57.52 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13 JAN 2022 16:10:97</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404858 GHz	8.29 dBm			M2	1		2.4 GHz	-58.29 dBm			M3	1		2.39 GHz	-62.96 dBm			M4	1		2.31 GHz	-63.53 dBm			M5	1		2.399965 GHz	-57.52 dBm		
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<p>CH78 No hopping mode</p>	 <table border="1" data-bbox="683 1839 1337 1928"> <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>8.76 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.48335 GHz</td> <td>-57.75 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-62.57 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.484204 GHz</td> <td>-57.76 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13 JAN 2022 16:04:30</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479835 GHz	8.76 dBm			M2	1		2.48335 GHz	-57.75 dBm			M3	1		2.5 GHz	-62.57 dBm			M4	1		2.484204 GHz	-57.76 dBm									
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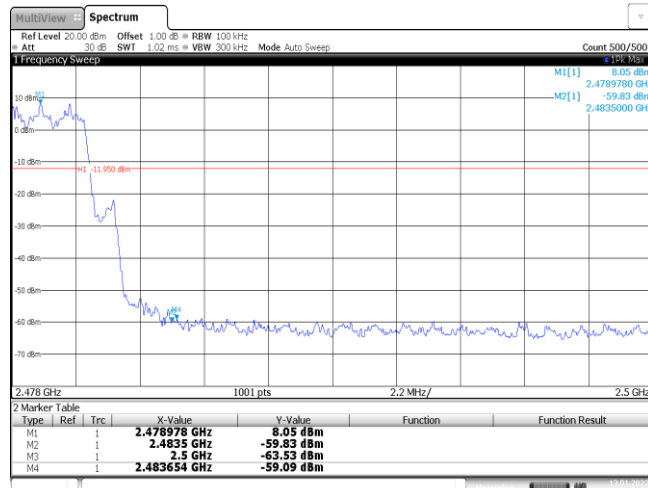
CH78
Hopping mode



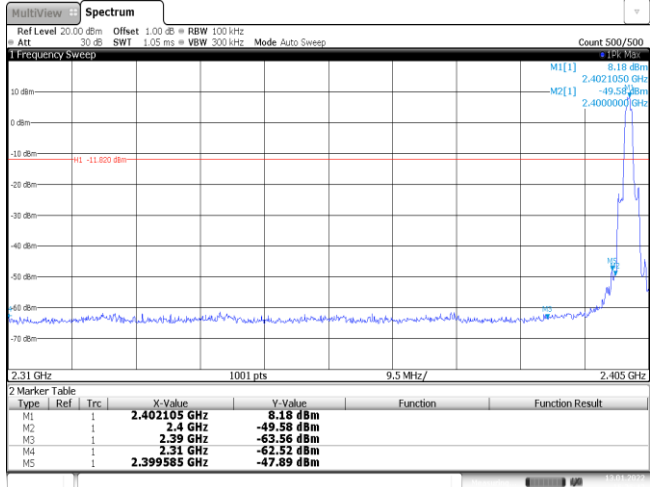
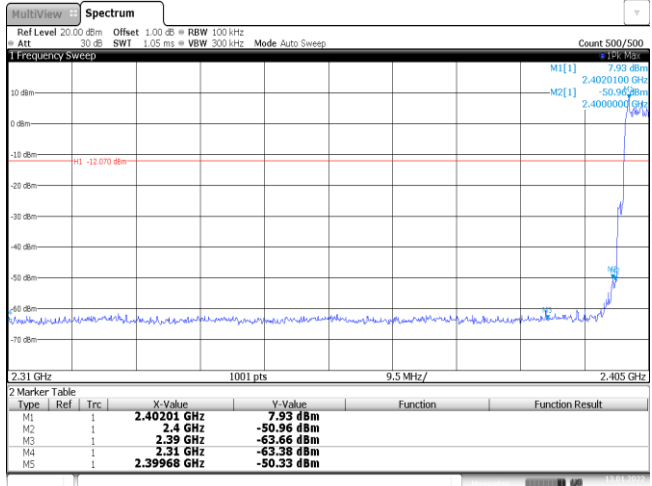
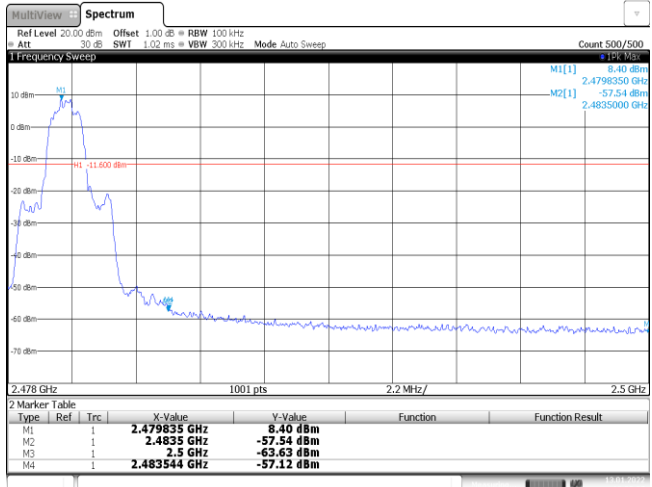
Date: 13 JAN 2022 16:02:01

Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
<p>CH00 No hopping mode</p>	 <table border="1" data-bbox="683 638 1337 728"> <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>8.22 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-49.52 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-64.00 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.54 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.39949 GHz</td> <td>-47.10 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13_JAN 2022 16:21:49</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.401821 GHz	8.22 dBm			M2	1		2.4 GHz	-49.52 dBm			M3	1		2.39 GHz	-64.00 dBm			M4	1		2.31 GHz	-64.54 dBm			M5	1		2.39949 GHz	-47.10 dBm		
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<p>CH00 Hopping mode</p>	 <table border="1" data-bbox="683 1184 1337 1274"> <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>2.40296 GHz</td> <td>6.00 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-52.28 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-64.38 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.34 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399965 GHz</td> <td>-51.89 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13_JAN 2022 16:03:02</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40296 GHz	6.00 dBm			M2	1		2.4 GHz	-52.28 dBm			M3	1		2.39 GHz	-64.38 dBm			M4	1		2.31 GHz	-63.34 dBm			M5	1		2.399965 GHz	-51.89 dBm		
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<p>CH78 No hopping mode</p>	 <table border="1" data-bbox="683 1731 1337 1821"> <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>8.38 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-57.54 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-63.74 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.483742 GHz</td> <td>-56.54 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13_JAN 2022 16:00:24</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479835 GHz	8.38 dBm			M2	1		2.4835 GHz	-57.54 dBm			M3	1		2.5 GHz	-63.74 dBm			M4	1		2.483742 GHz	-56.54 dBm									
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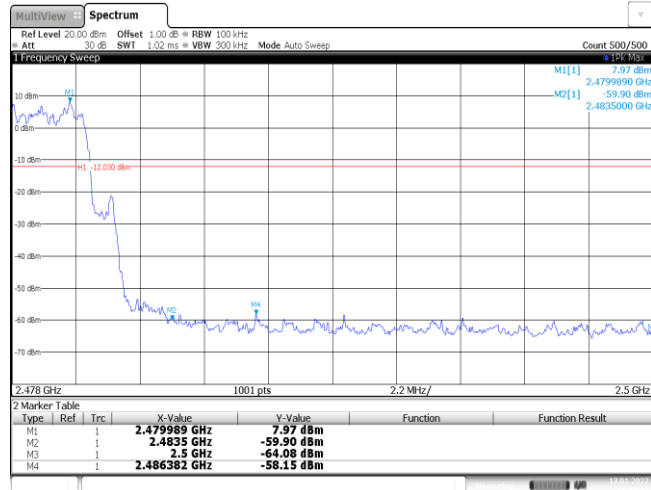
CH78
Hopping mode



Date:13_JAN 2022 16:13:46

Test Item:	Band edge	Modulation type:	8DPSK																																										
<p>CH00 No hopping mode</p>	 <table border="1" data-bbox="683 638 1337 728"> <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>8.18 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-49.58 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.56 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-62.52 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399585 GHz</td> <td>-47.89 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13_JAN 2022 16:36:43</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	8.18 dBm			M2	1		2.4 GHz	-49.58 dBm			M3	1		2.39 GHz	-63.56 dBm			M4	1		2.31 GHz	-62.52 dBm			M5	1		2.399585 GHz	-47.89 dBm		
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<p>CH78 No hopping mode</p>	 <table border="1" data-bbox="683 1740 1337 1830"> <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>8.40 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4798350 GHz</td> <td>-57.54 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-63.63 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.483544 GHz</td> <td>-57.12 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13_JAN 2022 16:33:07</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479835 GHz	8.40 dBm			M2	1		2.4798350 GHz	-57.54 dBm			M3	1		2.5 GHz	-63.63 dBm			M4	1		2.483544 GHz	-57.12 dBm									
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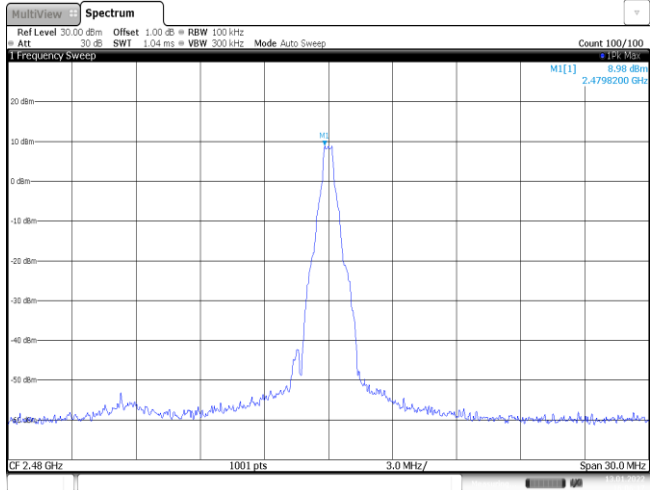
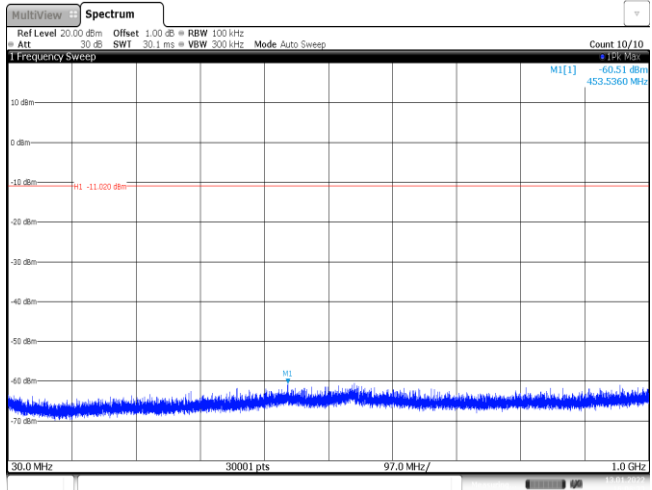
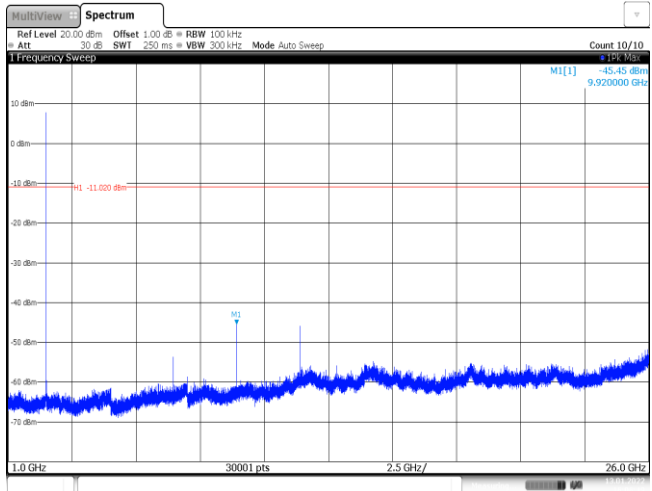
CH78
Hoppig mode

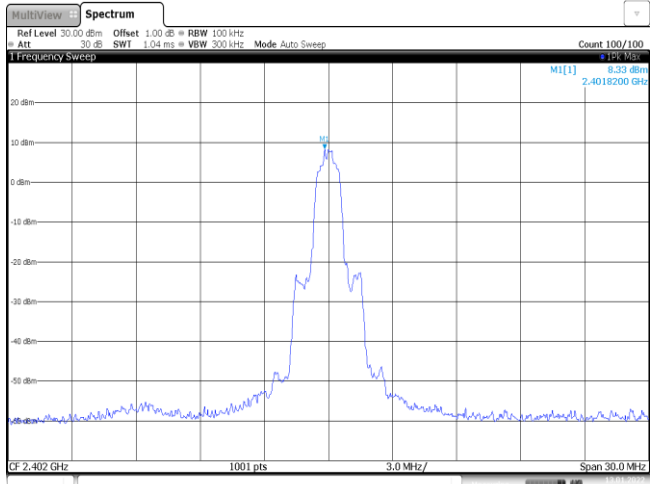
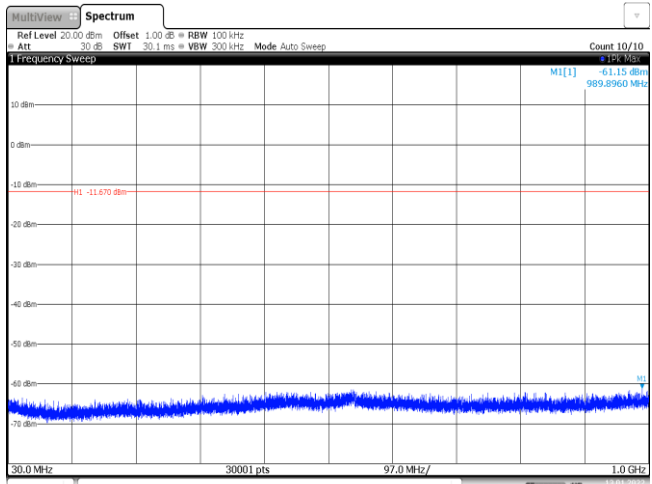
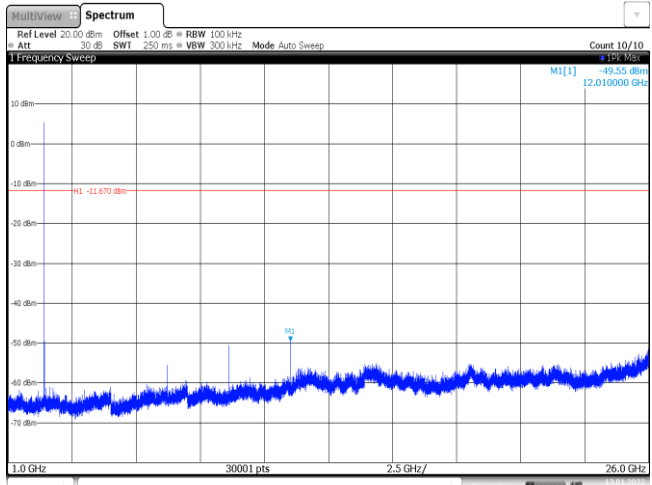


Date:13 JAN 2022 16:43:43

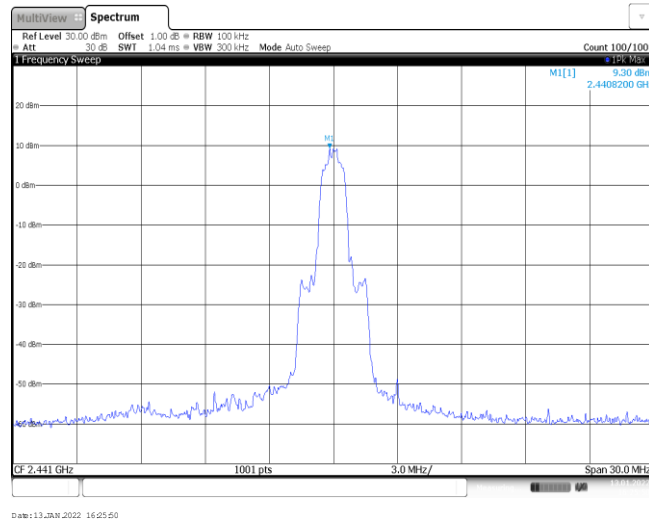
Test Item:	Spurious Emission	Modulation type:	GFSK
<p>CH00 Reference level</p>			
<p>CH00 30MHz~1000MHz</p>			
<p>CH00 1GHz~26GHz</p>			

<p>CH39 Reference level</p>	<p>Date: 13 JAN 2022 16:05:66</p>
<p>CH39 30MHz~1000MHz</p>	<p>Date: 13 JAN 2022 16:01:33</p>
<p>CH39 1GHz~26GHz</p>	<p>Date: 13 JAN 2022 16:01:29</p>

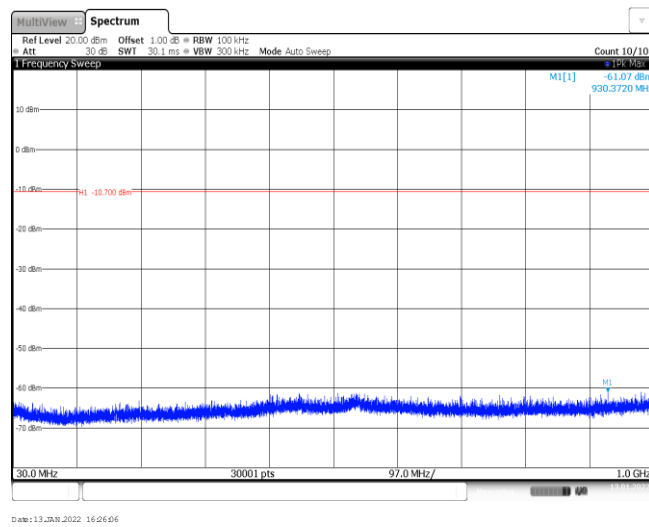
<p>CH78 Reference level</p>	 <p>The plot shows a spectrum with a prominent peak at 2.4796200 GHz. The y-axis represents power in dBm, ranging from -80 to 20. The x-axis represents frequency in MHz, with a span of 30.0 MHz. The peak is labeled M1 with a value of 8.98 dBm. The plot title is 'Spectrum' and it includes parameters like Ref Level 30.00 dBm, Offset 1.00 dB, RBW 100 kHz, and Mode Auto Sweep.</p>
<p>CH78 30MHz~1000MHz</p>	 <p>The plot shows a wideband spectrum from 30 MHz to 1000 MHz. The y-axis ranges from -80 to 10 dBm. The x-axis ranges from 30.0 MHz to 1.0 GHz. The noise floor is around -60.51 dBm, labeled M1. A red horizontal line is drawn at -11.000 dBm. The plot title is 'Spectrum' and it includes parameters like Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, and Mode Auto Sweep.</p>
<p>CH78 1GHz~26GHz</p>	 <p>The plot shows a wideband spectrum from 1 GHz to 26 GHz. The y-axis ranges from -80 to 10 dBm. The x-axis ranges from 1.0 GHz to 26.0 GHz. The noise floor is around -45.43 dBm, labeled M1. A red horizontal line is drawn at -11.000 dBm. The plot title is 'Spectrum' and it includes parameters like Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, and Mode Auto Sweep.</p>

Test Item:	Spurious Emission	Modulation type:	π/4DQPSK
<p>CH00 Reference level</p>	 <p>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SW1 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 M1[1] 8.23 dBm 2.4016200 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 13 JAN 2022 16:21:56</p>		
<p>CH00 30MHz~1000MHz</p>	 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SW1 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -61.15 dBm 989.8960 MHz M1 -11.670 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 13 JAN 2022 16:22:12</p>		
<p>CH00 1GHz~26GHz</p>	 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SW1 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -49.55 dBm 12.010000 GHz M1 -11.670 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 13 JAN 2022 16:22:29</p>		

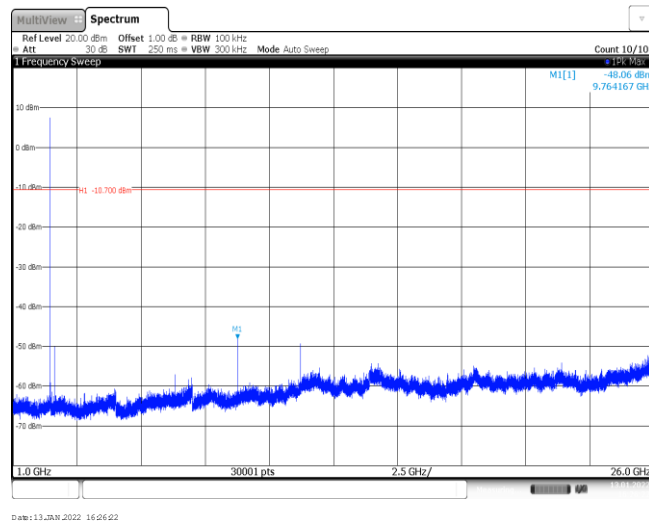
CH39
Reference level

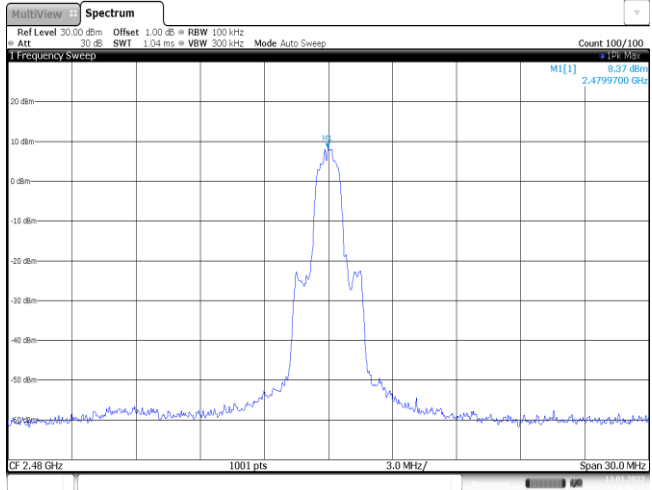
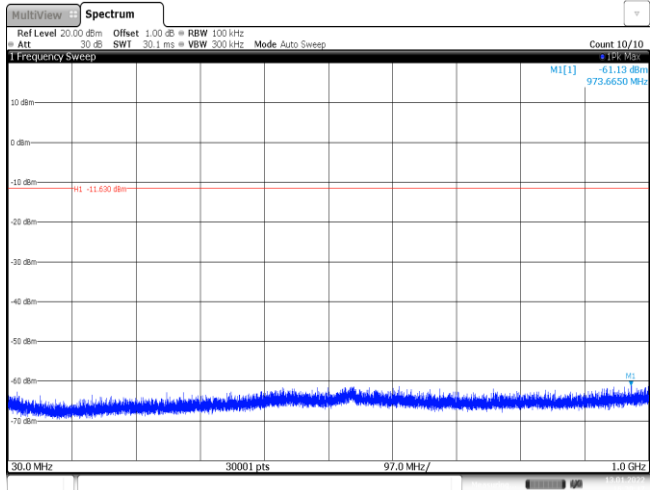
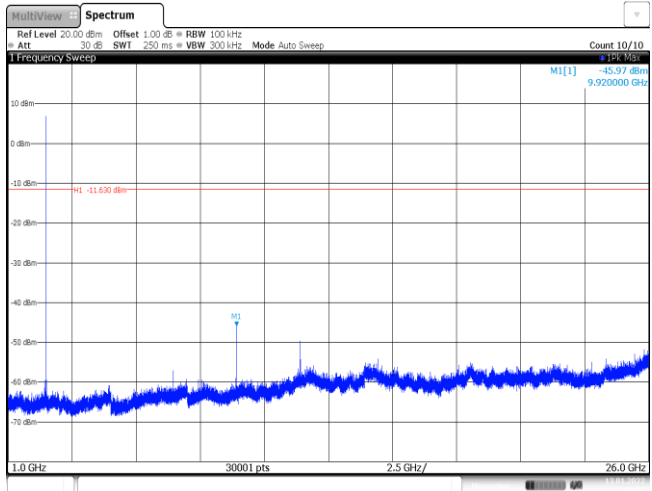


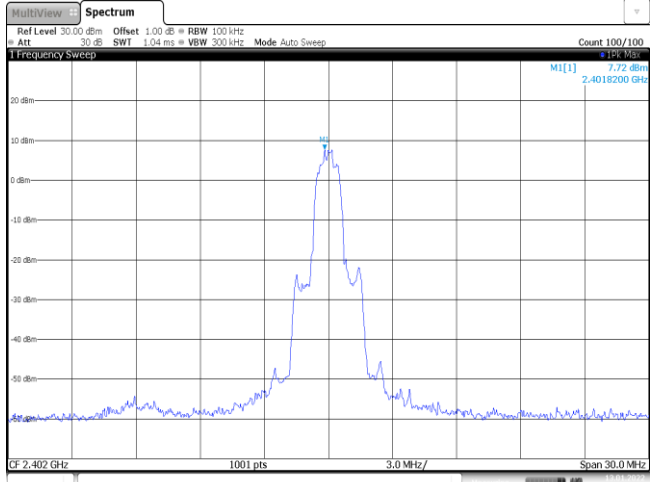
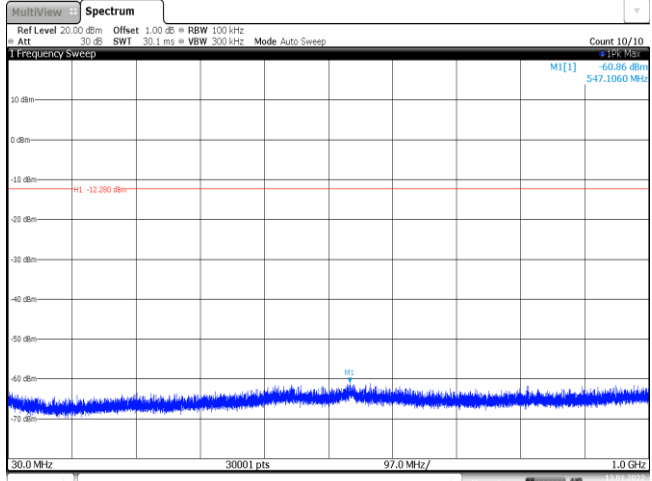
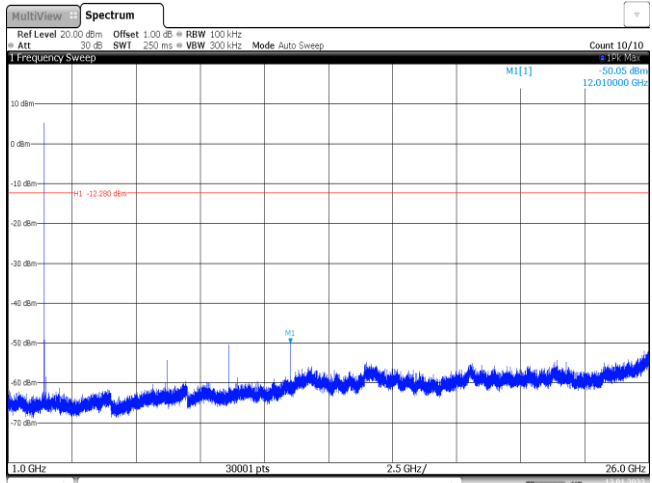
CH39
30MHz~1000MHz

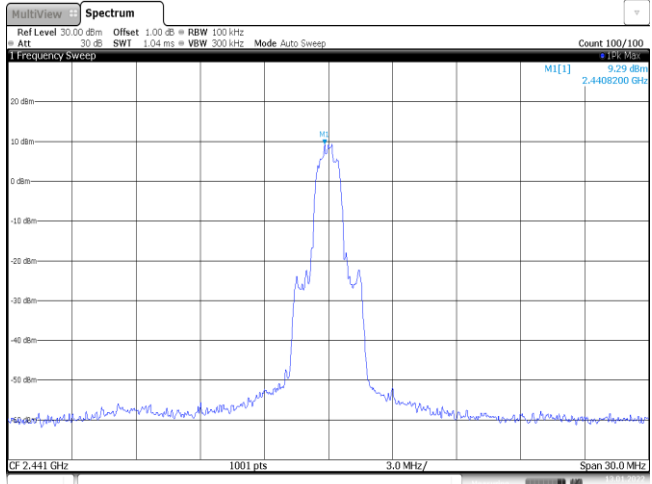
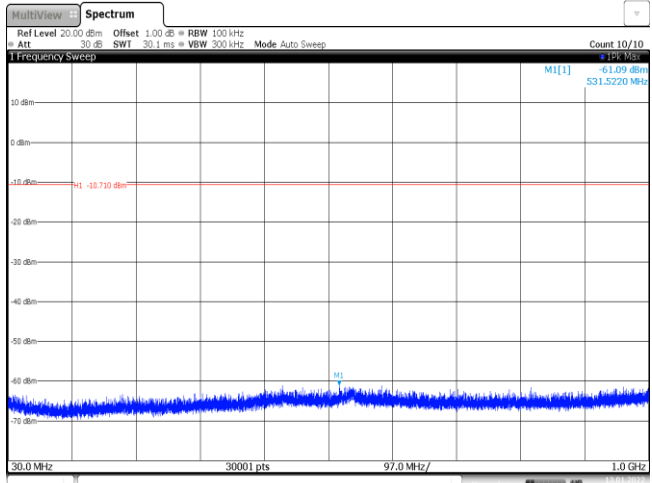
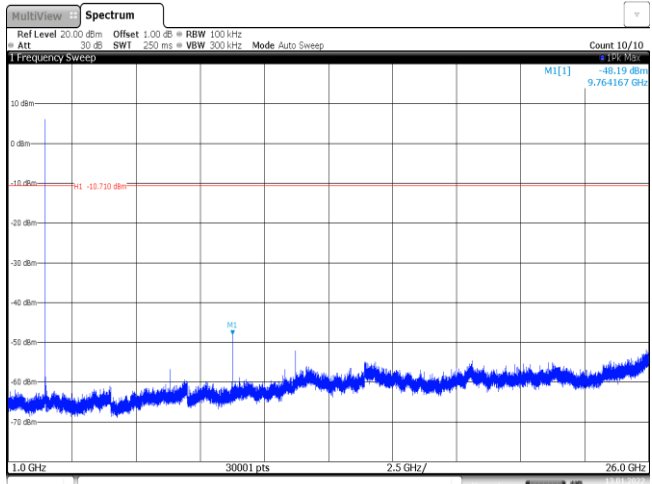


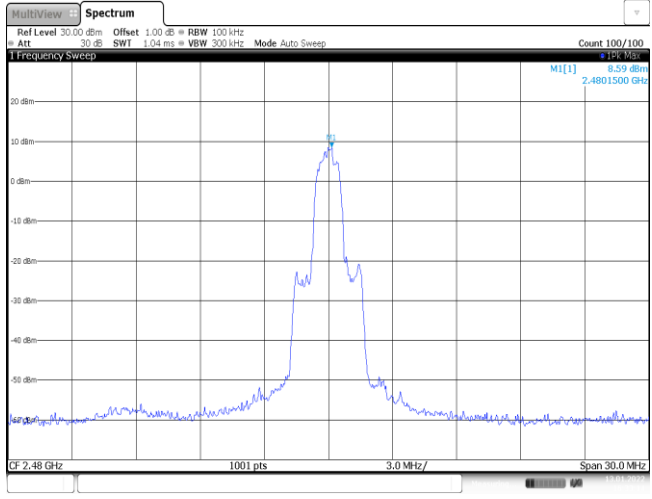
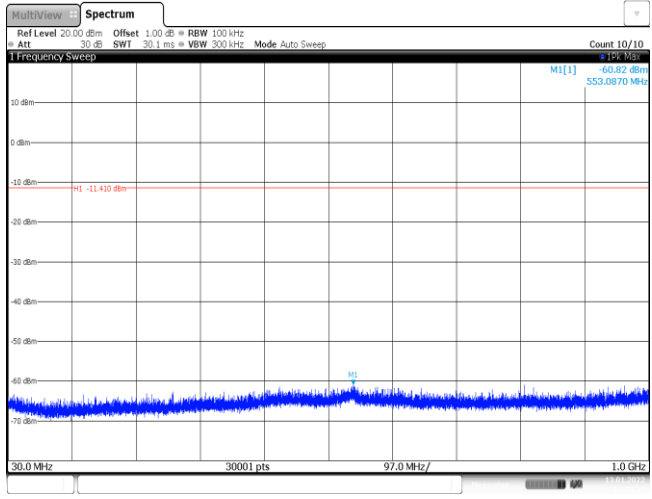
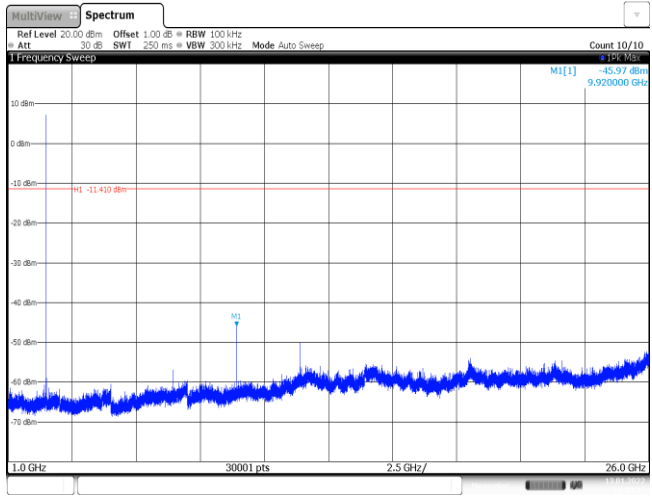
CH39
1GHz~26GHz



<p>CH78 Reference level</p>	 <p>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 MI[1] 8.37 dBm 2.4799700 GHz CF 2.48 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 13 JAN 2022 16:30:01</p>
<p>CH78 30MHz~1000MHz</p>	 <p>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 MI[1] -61.13 dBm 973.6650 MHz M1 -11.630 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 13 JAN 2022 16:30:47</p>
<p>CH78 1GHz~26GHz</p>	 <p>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 MI[1] -45.97 dBm 9.920000 GHz M1 -11.630 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 13 JAN 2022 16:31:04</p>

Test Item:	Spurious Emission	Modulation type:	8DPSK
<p>CH00 Reference level</p>	 <p>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SW1 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 M1[1] 7.72 dBm 2.4016200 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 13 JAN 2022 16:36:50</p>		
<p>CH00 30MHz~1000MHz</p>	 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SW1 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -60.86 dBm 547.1060 MHz M1 -12.280 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 13 JAN 2022 16:37:06</p>		
<p>CH00 1GHz~26GHz</p>	 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SW1 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -50.05 dBm 12.010000 GHz M1 -12.280 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 13 JAN 2022 16:37:23</p>		

<p>CH39 Reference level</p>	 <p>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 M1[1] 9.29 dBm 2.4408200 GHz CF 2.441 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 13 JAN 2022 16:38:56</p>
<p>CH39 30MHz~1000MHz</p>	 <p>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 M1[1] -61.09 dBm 531.5220 MHz M1 -18.710 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 13 JAN 2022 16:39:12</p>
<p>CH39 1GHz~26GHz</p>	 <p>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 M1[1] -48.19 dBm 9.764167 GHz M1 -18.710 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 13 JAN 2022 16:39:29</p>

<p>CH78 Reference level</p>	 <p>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att -30 dB SWT 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 MI[1] 6.59 dBm 2.4801500 GHz CF 2.48 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 13 JAN 2022 16:33:14</p>
<p>CH78 30MHz~1000MHz</p>	 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att -30 dB SWT 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -60.82 dBm 553.0870 MHz MI -11.410 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 13 JAN 2022 16:33:20</p>
<p>CH78 1GHz~26GHz</p>	 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att -30 dB SWT 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -45.97 dBm 9.920000 GHz MI -11.410 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 13 JAN 2022 16:33:27</p>

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