

APPENDIX REPORT

Project No.	SHT2112097101EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT21120971006	Model No.	A1 Super
Start test date	2022-1-13	Finish date	2022-1-13
Temperature	23.7°C	Humidity	42%
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

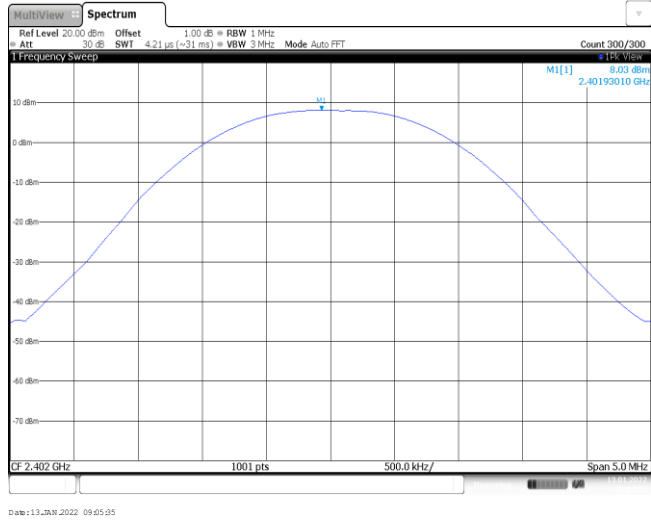
Appendix A: Peak Output Power

Modulation type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
GFSK	00	8.03	7.85	≤ 30.00	Pass
	39	7.43	7.40		
	78	6.99	6.91		
π/4DQPSK	00	7.58	7.02	≤ 21.00	Pass
	39	7.01	6.51		
	78	6.60	6.12		
8DPSK	00	7.55	7.06	≤ 21.00	Pass
	39	7.07	6.58		
	78	6.69	6.24		

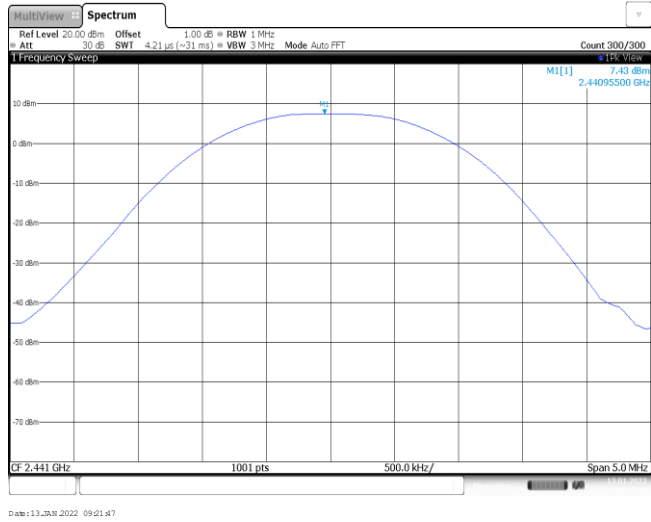
Modulation Type:

GFSK

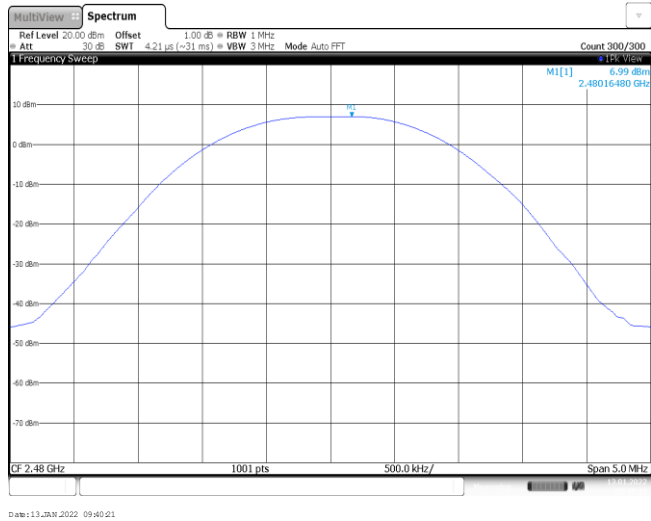
CH00



CH39

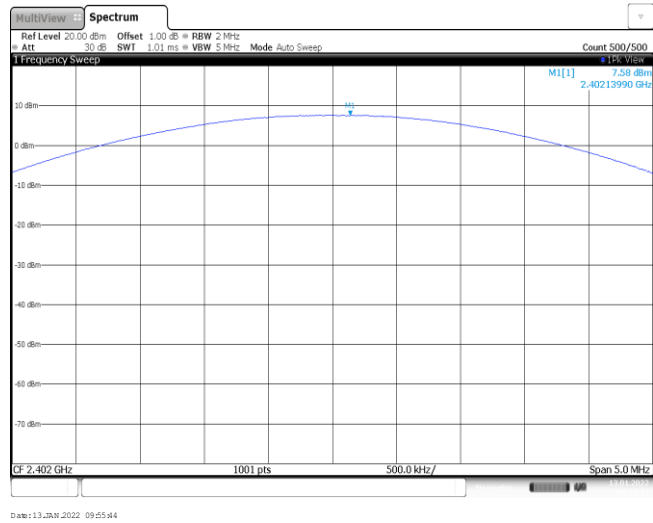


CH78

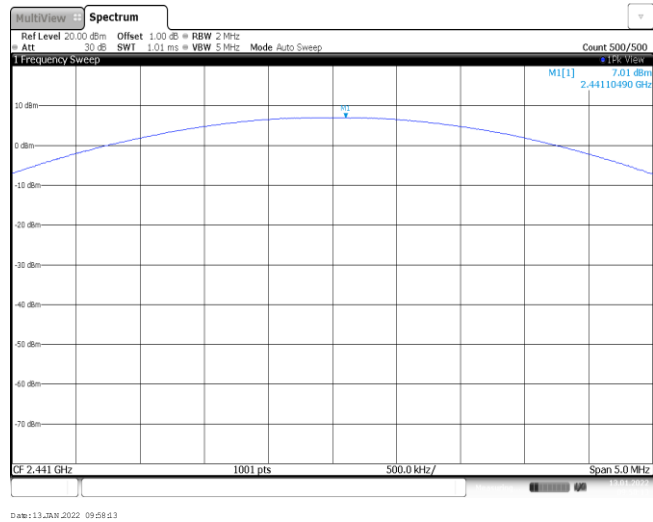


Modulation Type: $\pi/4$ DQPSK

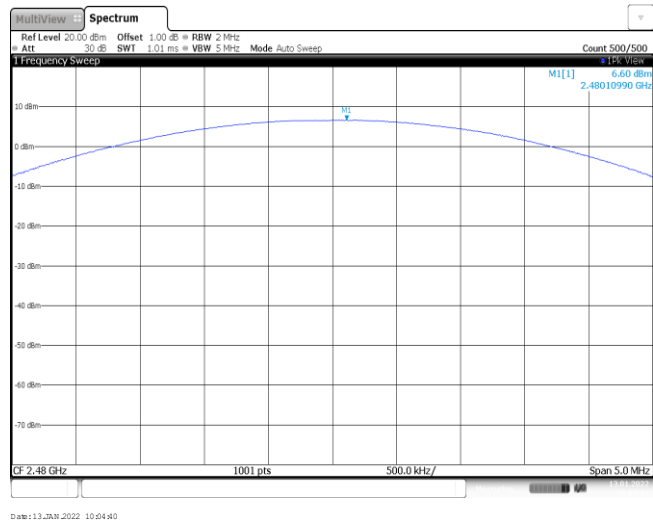
CH00



CH39

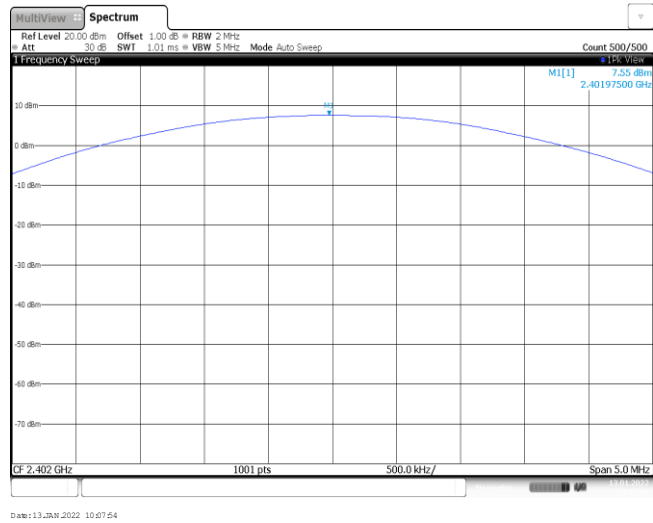


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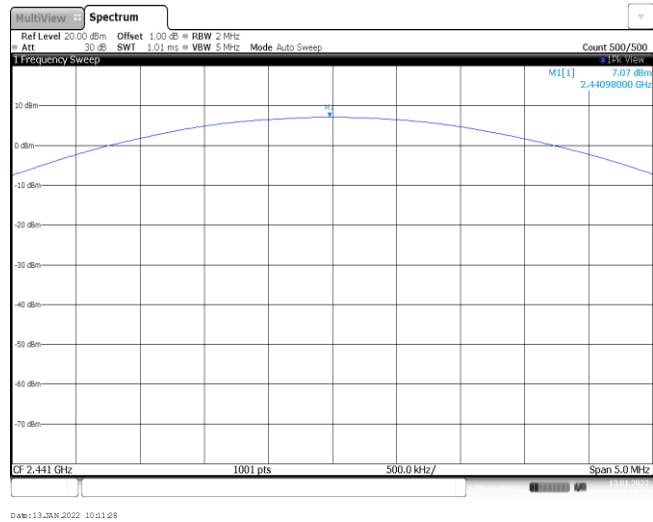


Modulation Type: 8DPSK

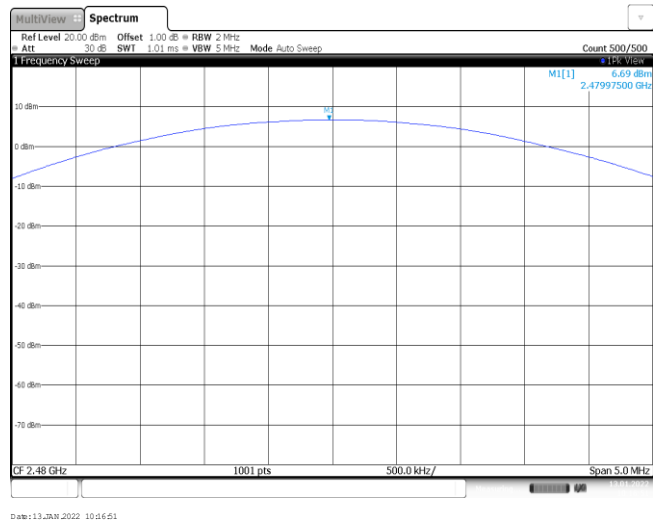
CH00



CH39



CH78

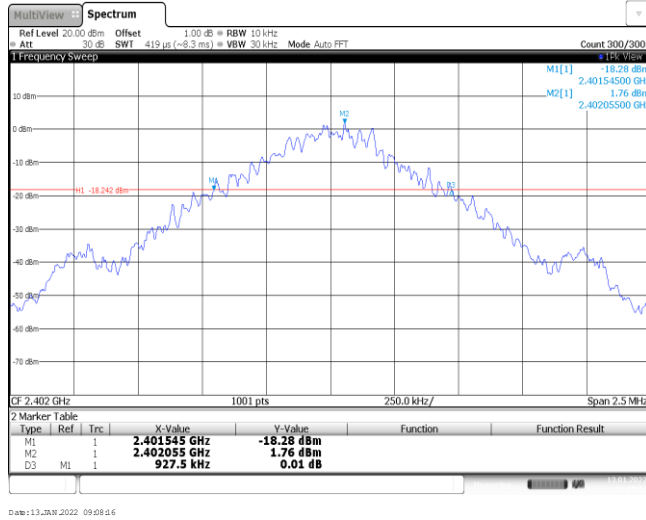


Appendix B : 20 dB Bandwidth

Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	927.50	-	Pass
	39	932.50		
	78	935.00		
$\pi/4$ DQPSK	00	1312.50	-	Pass
	39	1312.50		
	78	1322.50		
8DPSK	00	1297.50	-	Pass
	39	1297.50		
	78	1285.00		

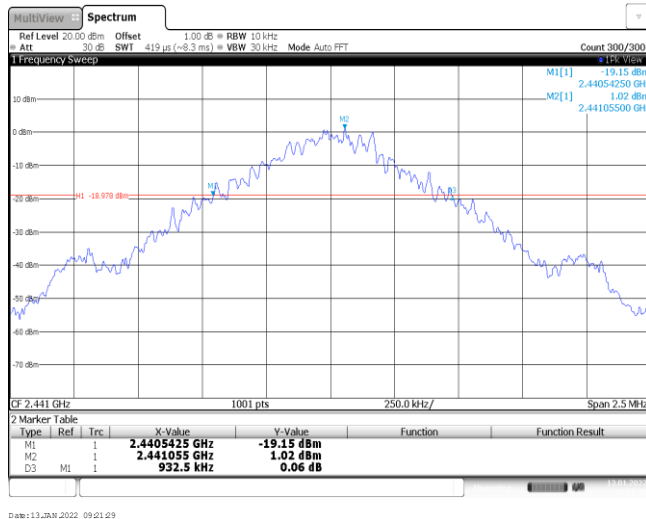
Modulation Type: GFSK

CH00



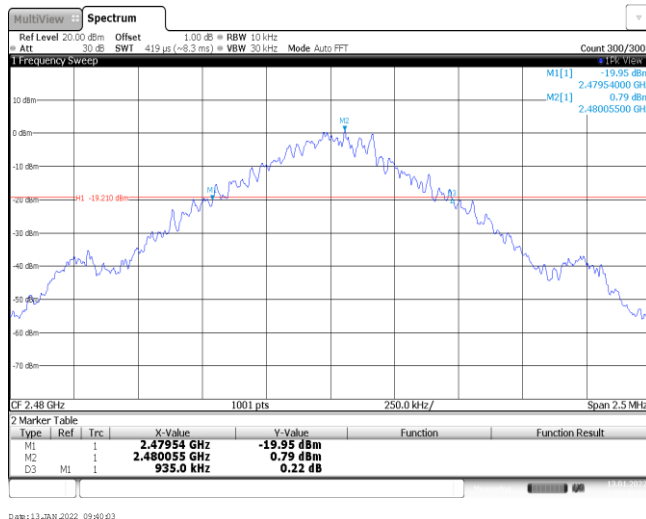
Date: 13 JAN 2022 09:08:16

CH39



Date: 13 JAN 2022 09:21:29

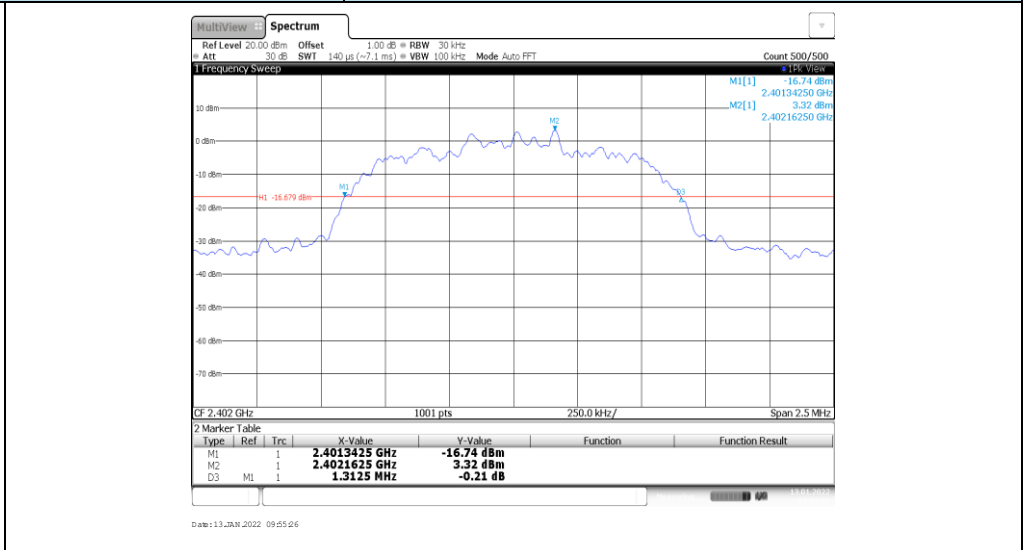
CH78



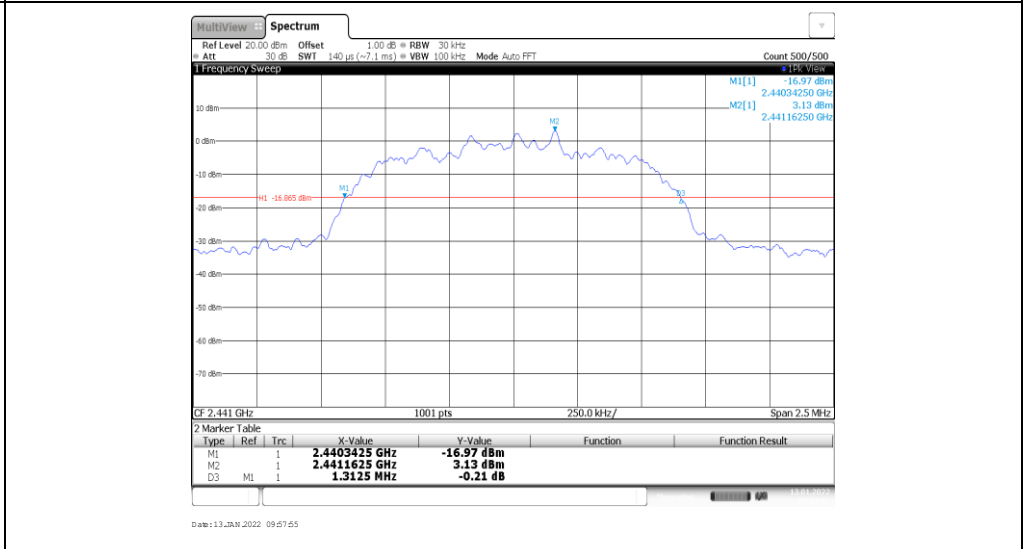
Date: 13 JAN 2022 09:40:03

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

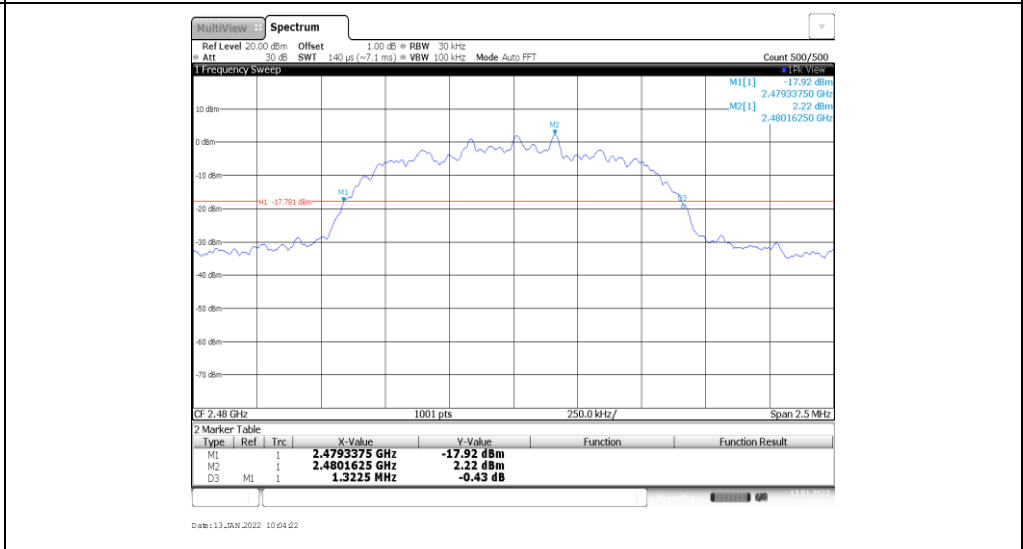
CH00



CH39

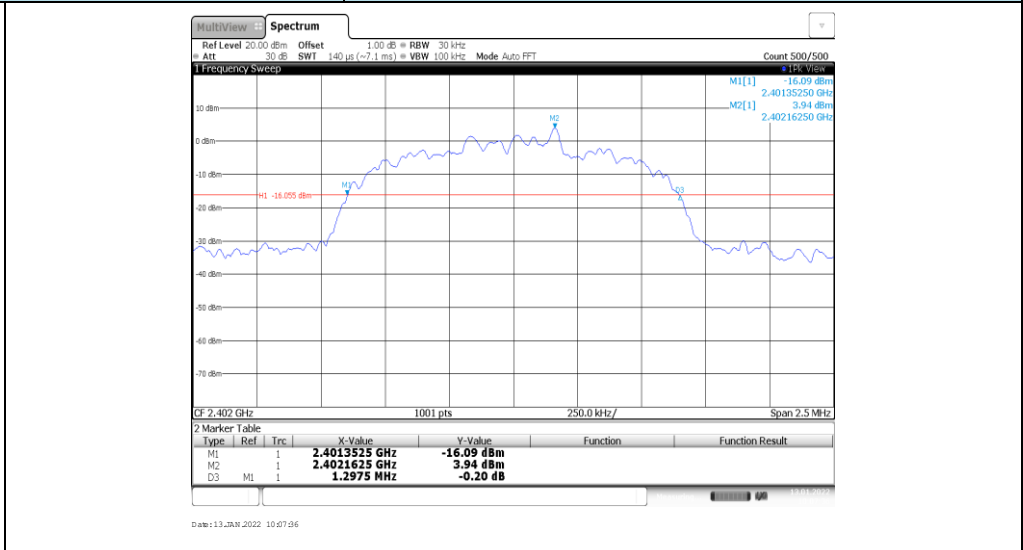


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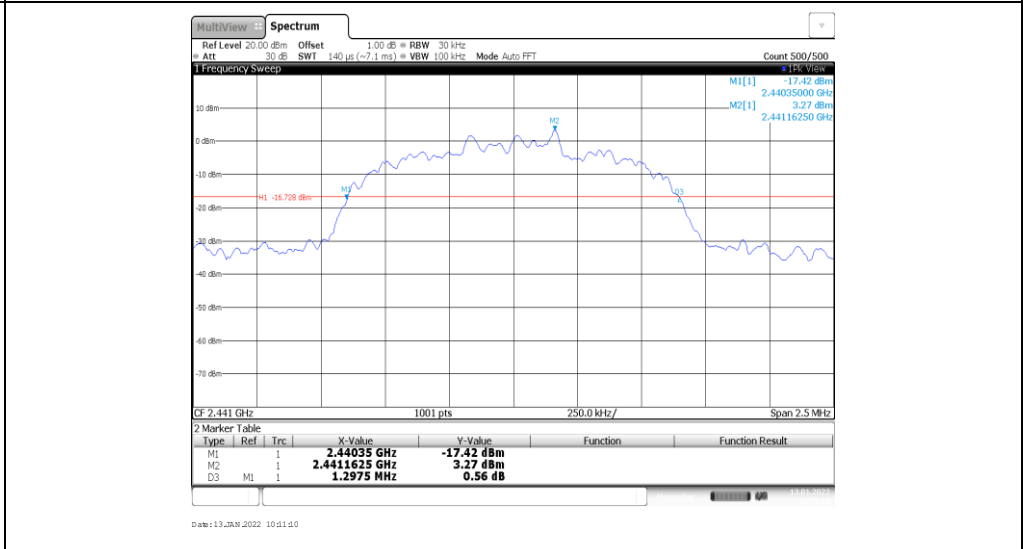


Modulation Type: 8DPSK

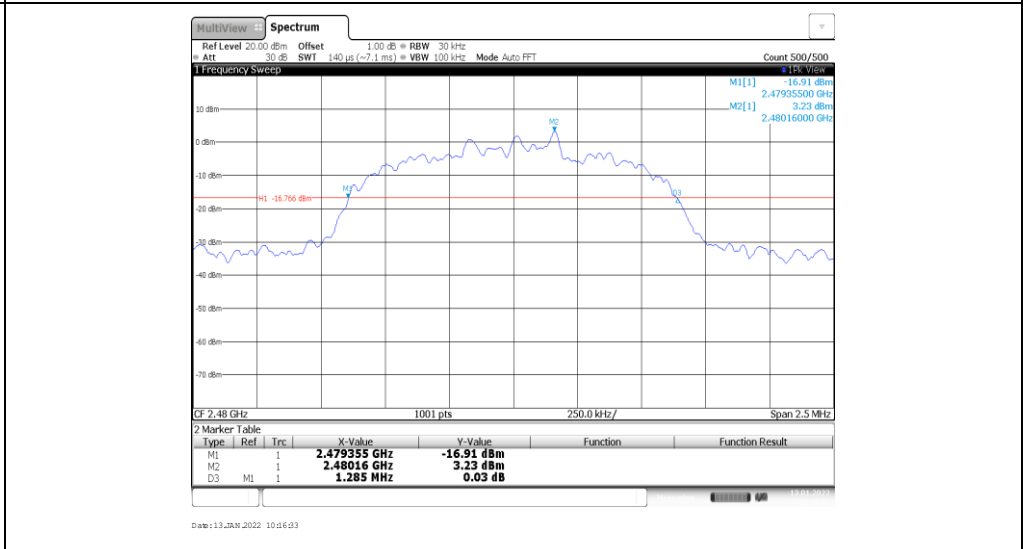
CH00



CH39



CH78

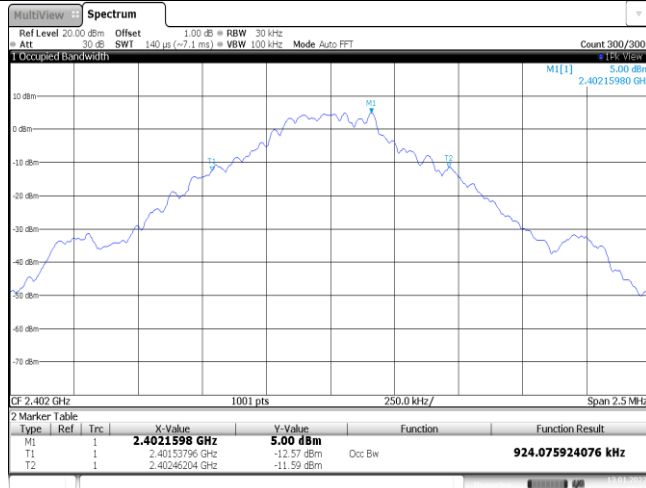


Appendix C: 99% Occupied Bandwidth

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.92	-	Pass
	39	0.93		
	78	0.93		
$\pi/4$ DQPSK	00	1.19	-	Pass
	39	1.19		
	78	1.20		
8DPSK	00	1.19	-	Pass
	39	1.19		
	78	1.19		

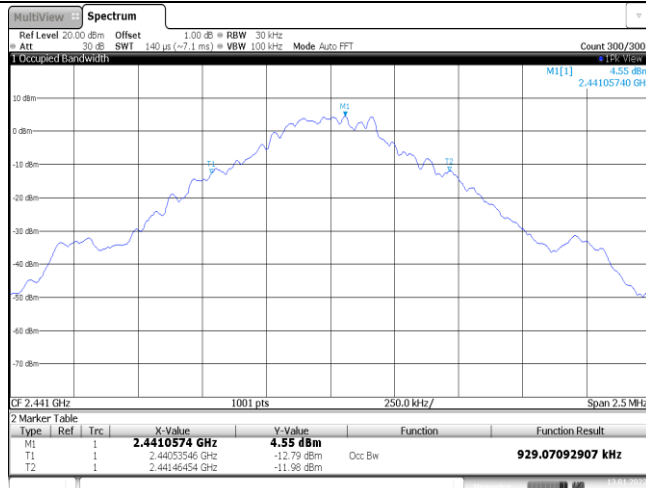
Modulation Type: GFSK

CH00



Date: 13_JAN 2022 09:08:25

CH39



Date: 13_JAN 2022 09:21:08

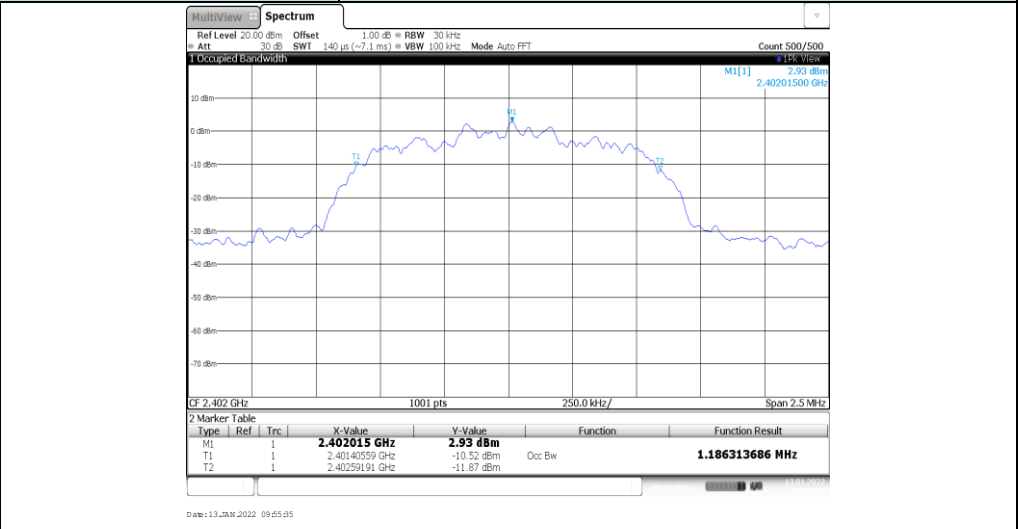
CH78



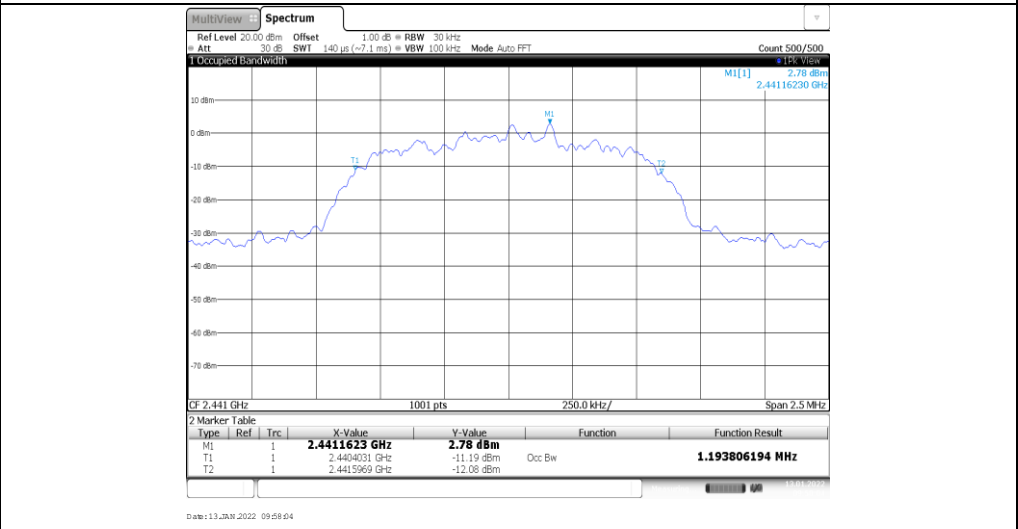
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Modulation Type: $\pi/4$ DQPSK

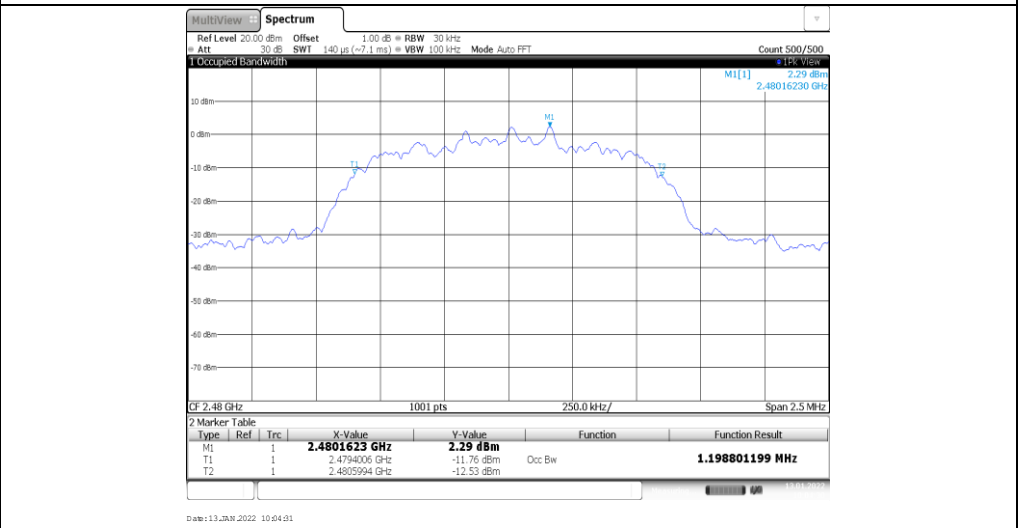
CH00



CH39

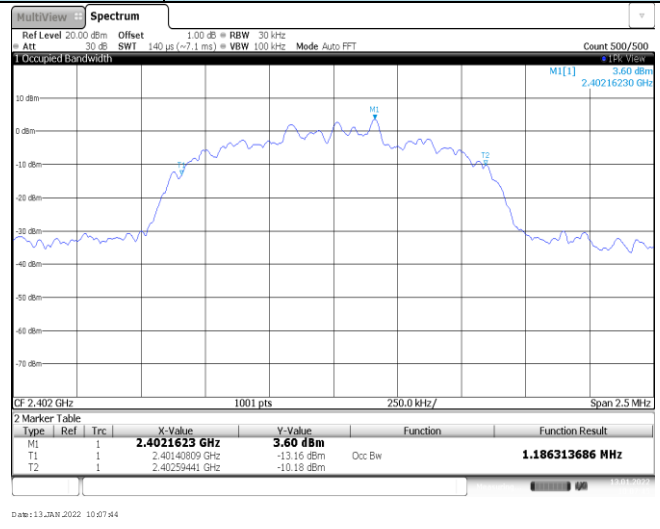


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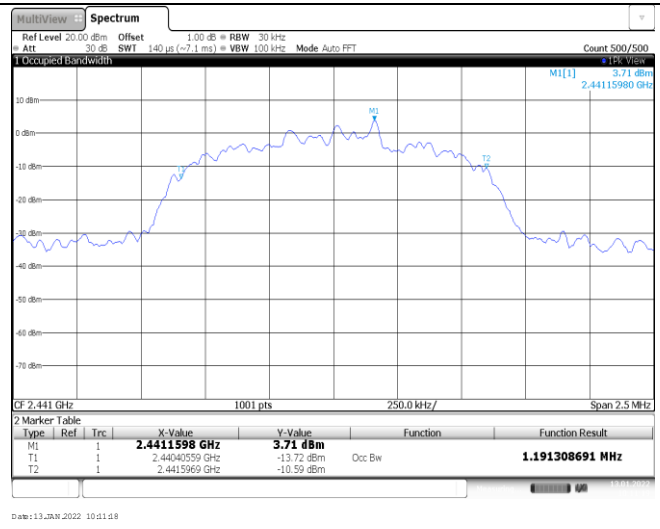


Modulation Type: 8DPSK

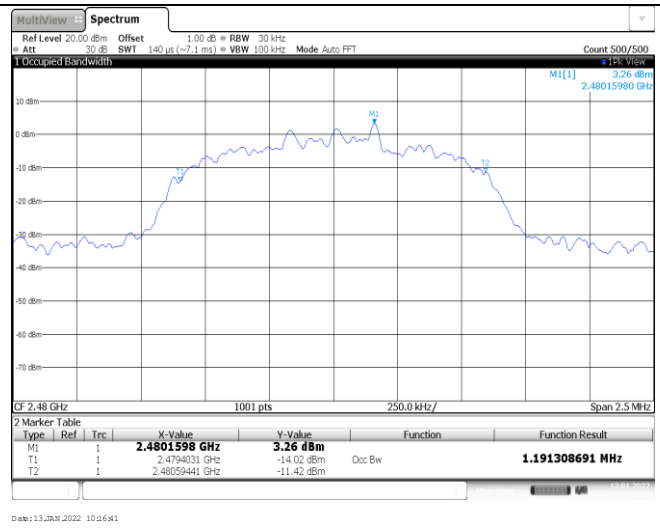
CH00



CH39



CH78



Appendix D: Carrier Frequencies Separation

Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥935.00	Pass
$\pi/4$ DQPSK	39	1.00	≥881.67	Pass
8DPSK	39	1.00	≥865.00	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.

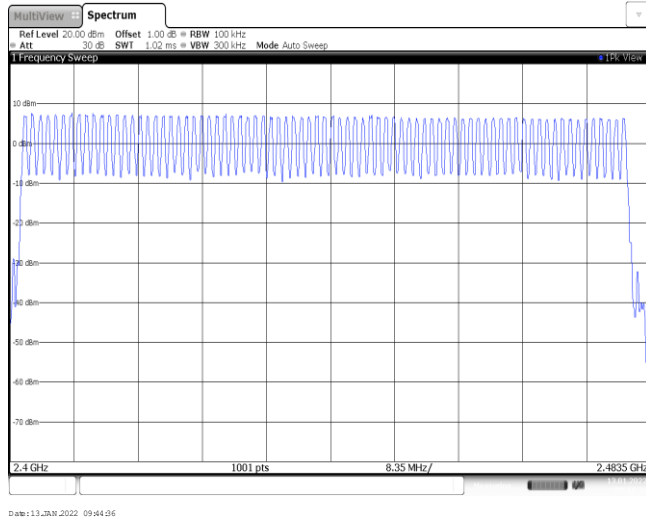
8DPSK limit = $2/3$ * The maximum 20 dB Bandwidth for 8DPSK modulation on the appendix B

<p style="text-align: center;">GFSK</p>	<p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB = RBW 30 kHz Att 30 dB SWI 140 us (-7.0 ms) = VBW 100 kHz Mode Auto FFT Count 100/100 #12 View M1[1] -2.99 dBm 2.44105394 GHz D1[1] 0.25 dB 1.00106 MHz 2.44 GHz 1001 pts 300.0 kHz/ 2.443 GHz Date: 13 JAN 2022 09:43:21</p>
<p style="text-align: center;">$\pi/4$DQPSK</p>	<p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB = RBW 30 kHz Att 30 dB SWI 140 us (-7.0 ms) = VBW 100 kHz Mode Auto FFT Count 100/100 #15 View M1[1] -1.96 dBm 2.441141990 GHz D1[1] 0.00 dB 1.00110 MHz 2.44 GHz 1001 pts 300.0 kHz/ 2.443 GHz Date: 13 JAN 2022 09:54:22</p>
<p style="text-align: center;">8DPSK</p>	<p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB = RBW 30 kHz Att 30 dB SWI 140 us (-7.0 ms) = VBW 100 kHz Mode Auto FFT Count 100/100 #16 View M1[1] -3.89 dBm 2.44099280 GHz D1[1] 0.19 dB 1.00290 MHz 2.44 GHz 1001 pts 300.0 kHz/ 2.443 GHz Date: 13 JAN 2022 10:22:00</p>

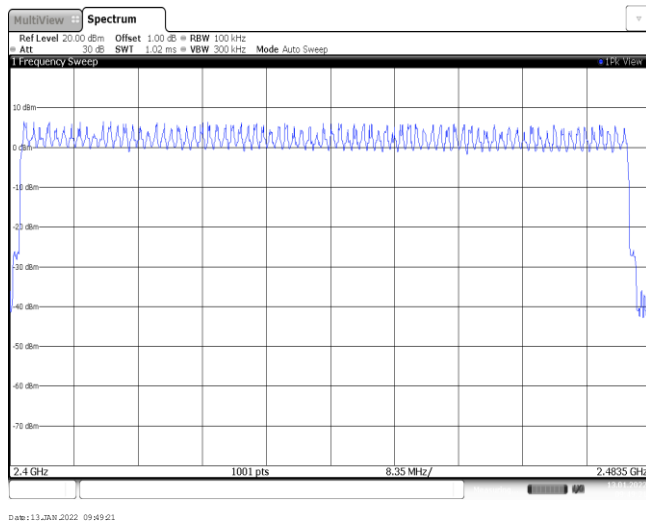
Appendix E: Hopping Channel Number

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

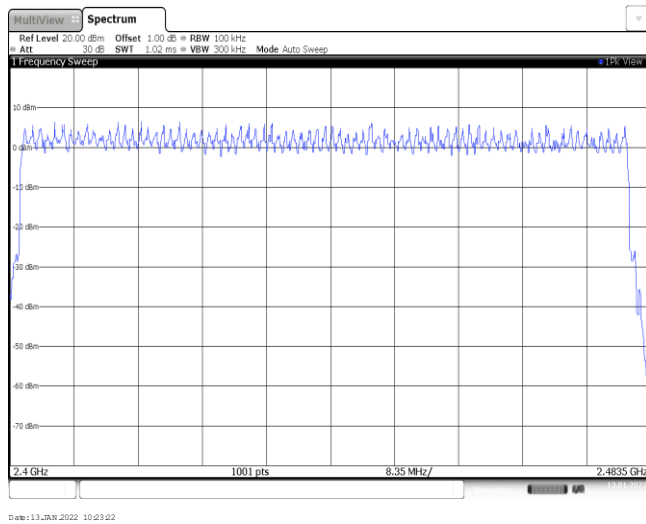
GFSK



$\pi/4$ DQPSK



8DPSK

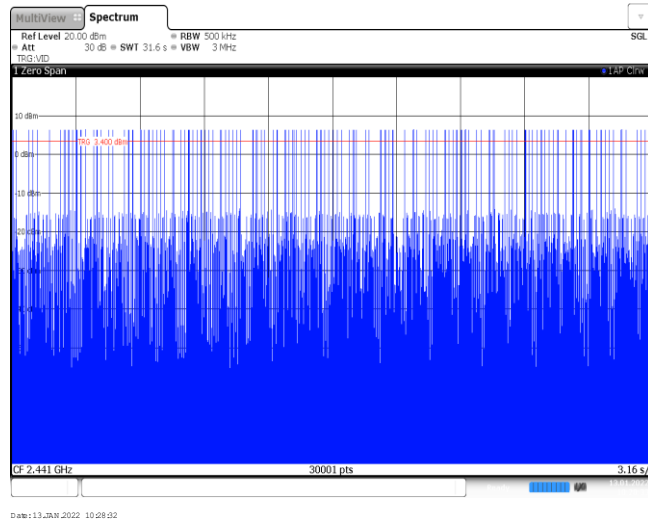


Appendix F: Dwell Time

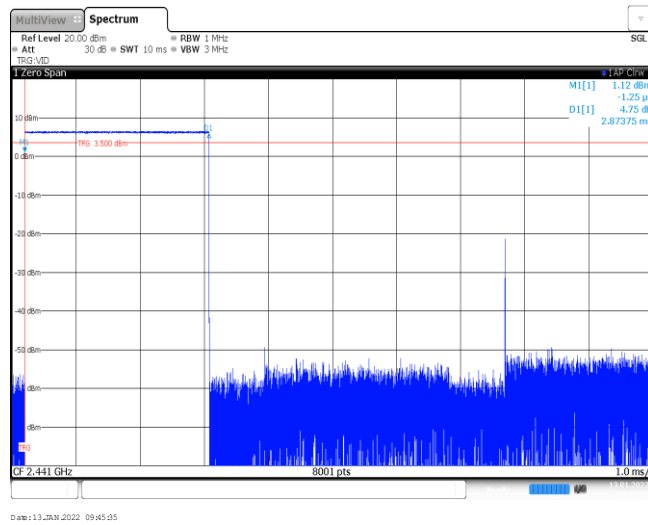
Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.37	317	0.12	≤ 0.40	Pass
	DH3	1.63	159	0.26		
	DH5	2.87	93	0.27		
π/4DQPSK	2DH1	0.38	317	0.12	≤ 0.40	Pass
	2DH3	1.63	167	0.27		
	2DH5	2.88	109	0.31		
8DPSK	3DH1	0.38	315	0.12	≤ 0.40	Pass
	3DH3	1.63	159	0.26		
	3DH5	2.88	106	0.31		

Modulation Type:		GFSK
DH1 Burst width	<p>Ref Level 20.00 dBm, Att 30 dB, SWT 10 ms, RBW 1 MHz, VBW 3 MHz, TRIG:VD</p> <p>M[1] 2.42 dBm, -1.25 μs D1[1] 3.58 dB, 368.75 μs</p> <p>CF 2.441 GHz, 8001 pts, 1.0 ms/</p> <p>Date: 13 JAN 2022 10:26:06</p>	
DH1 Burst number	<p>Ref Level 20.00 dBm, Att 30 dB, SWT 31.6 s, RBW 500 kHz, VBW 3 MHz, TRIG:VD</p> <p>CF 2.441 GHz, 30001 pts, 3.16 s/</p> <p>Date: 13 JAN 2022 10:26:41</p>	
DH3 Burst width	<p>Ref Level 20.00 dBm, Att 30 dB, SWT 10 ms, RBW 1 MHz, VBW 3 MHz, TRIG:VD</p> <p>M[1] -0.50 dBm, -1.25 μs D1[1] 6.76 dB, 1.62500 ms</p> <p>CF 2.441 GHz, 8001 pts, 1.0 ms/</p> <p>Date: 13 JAN 2022 10:27:58</p>	

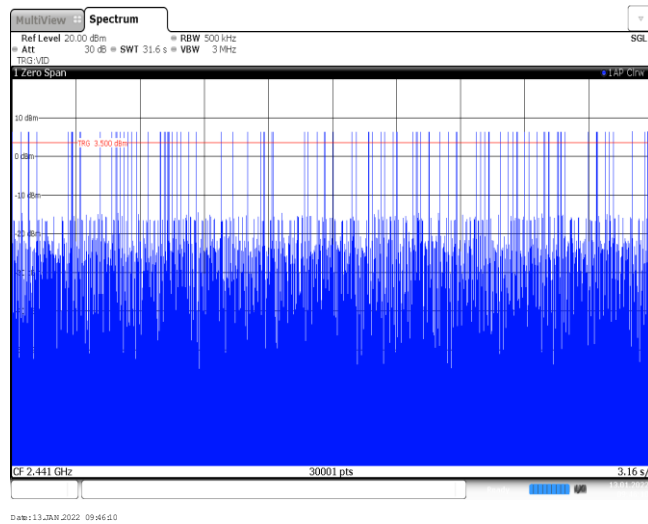
DH3
Burst number



DH5
Burst width

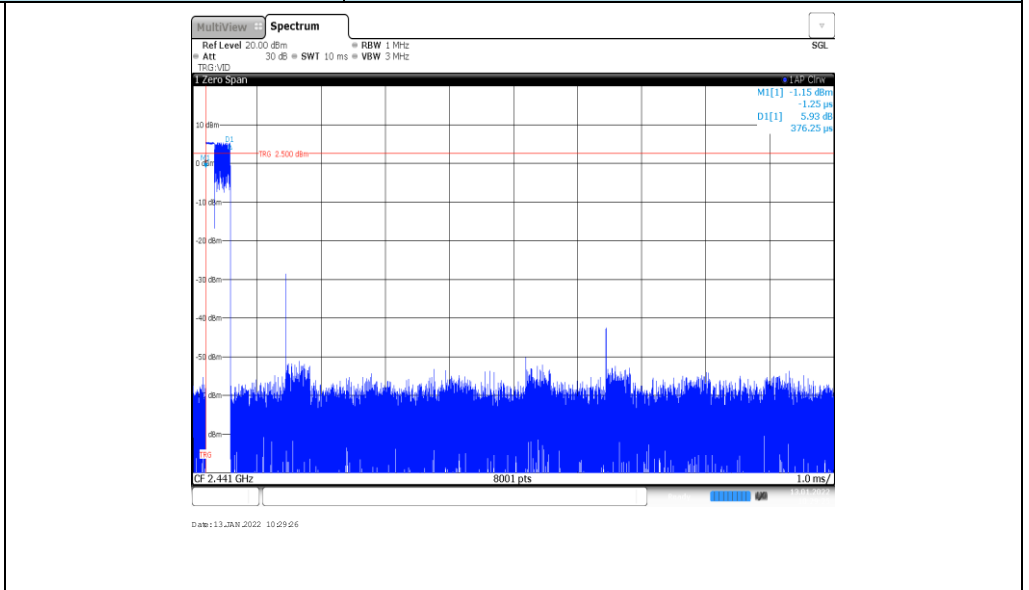


DH5
Burst number

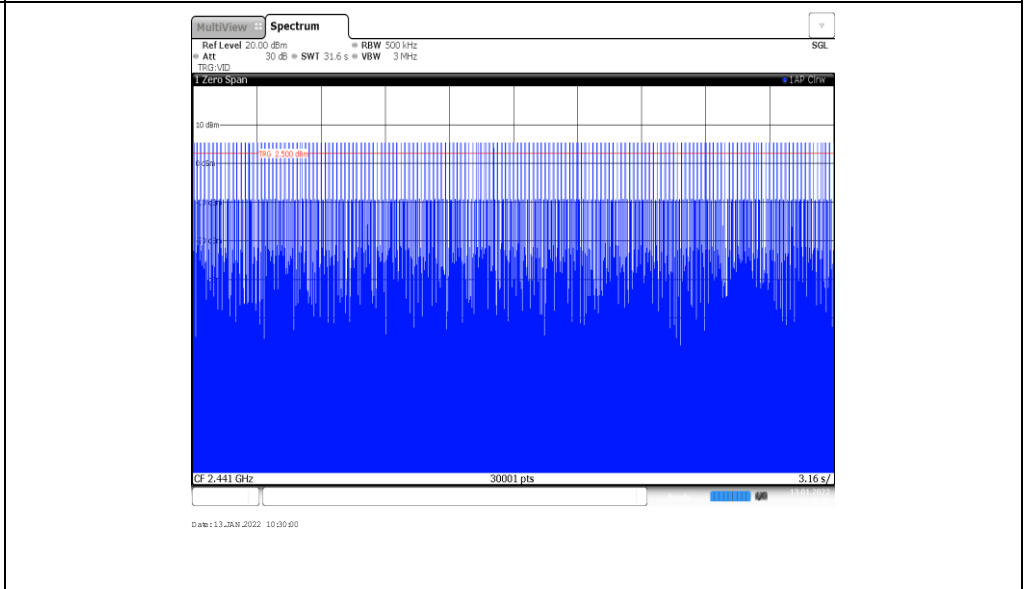


Modulation Type: $\pi/4$ DQPSK

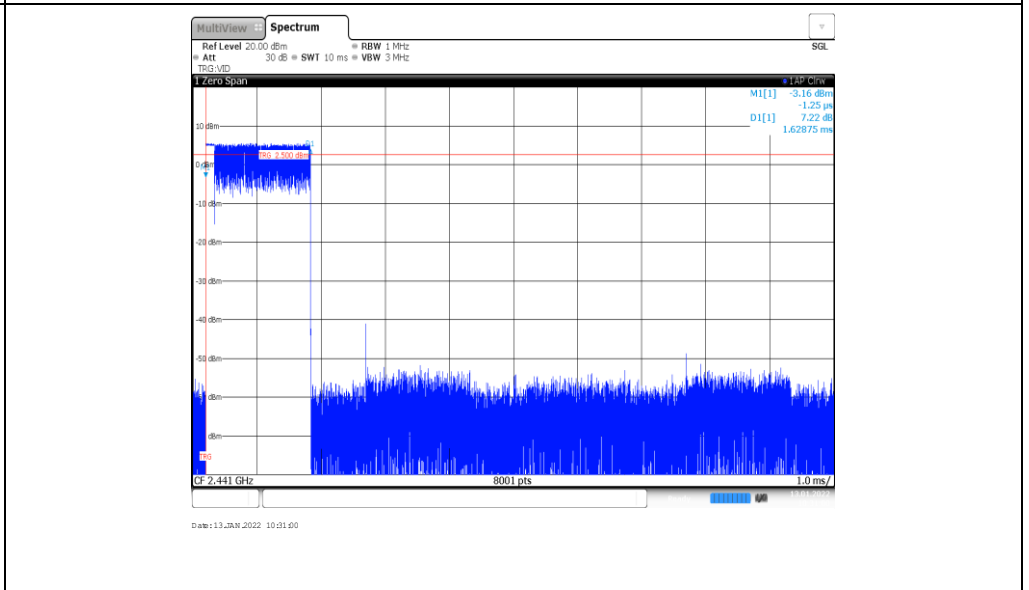
2DH1
Burst width



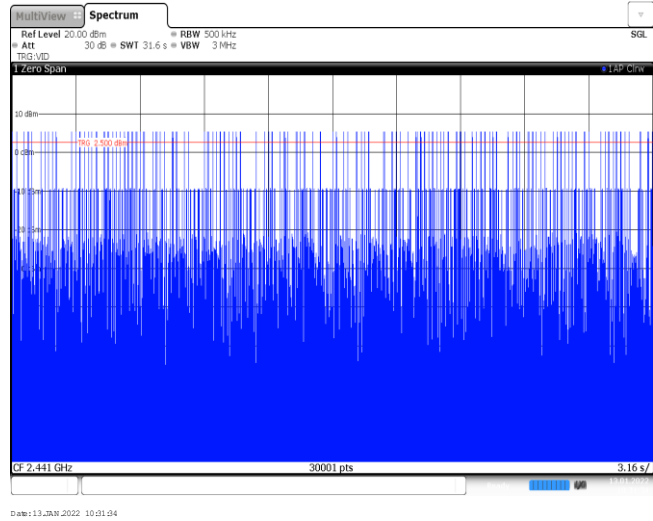
2DH1
Burst number



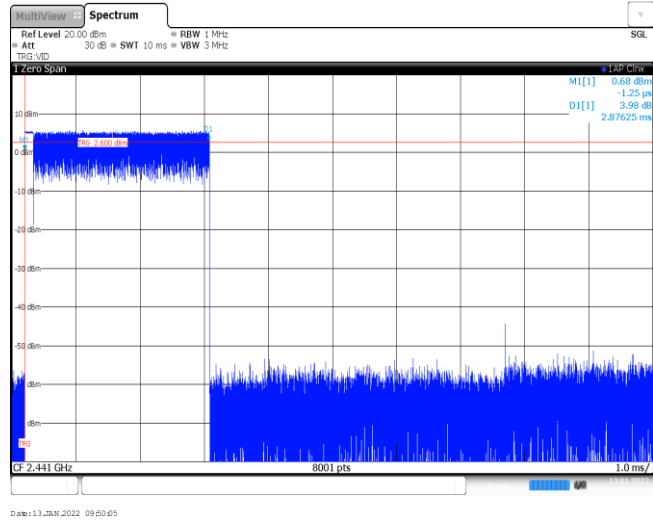
2DH3
Burst width



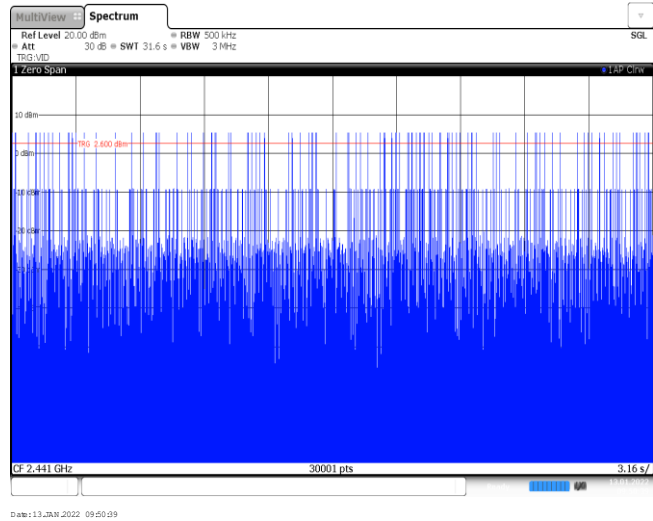
2DH3
Burst number



2DH5
Burst width

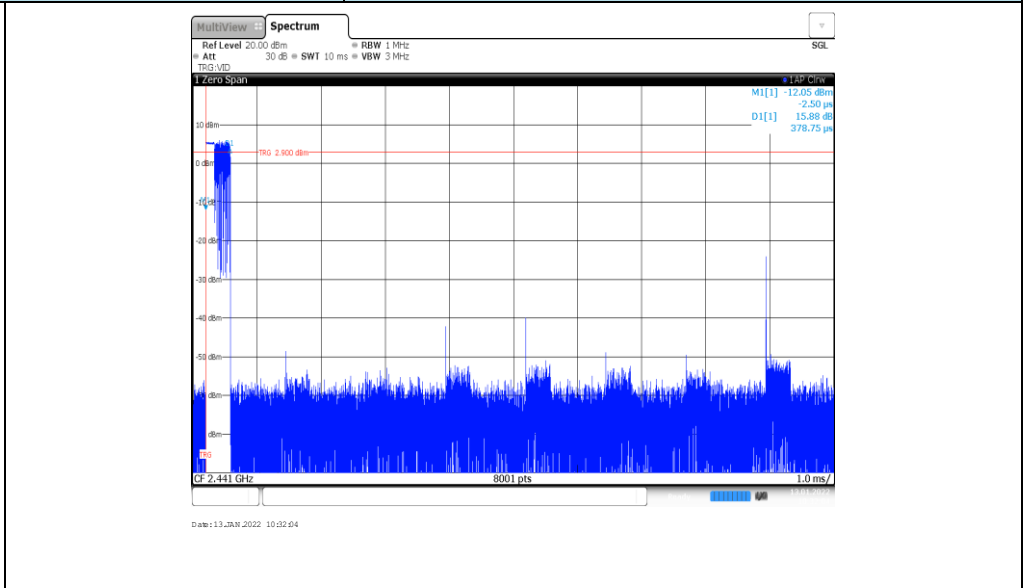


2DH5
Burst number

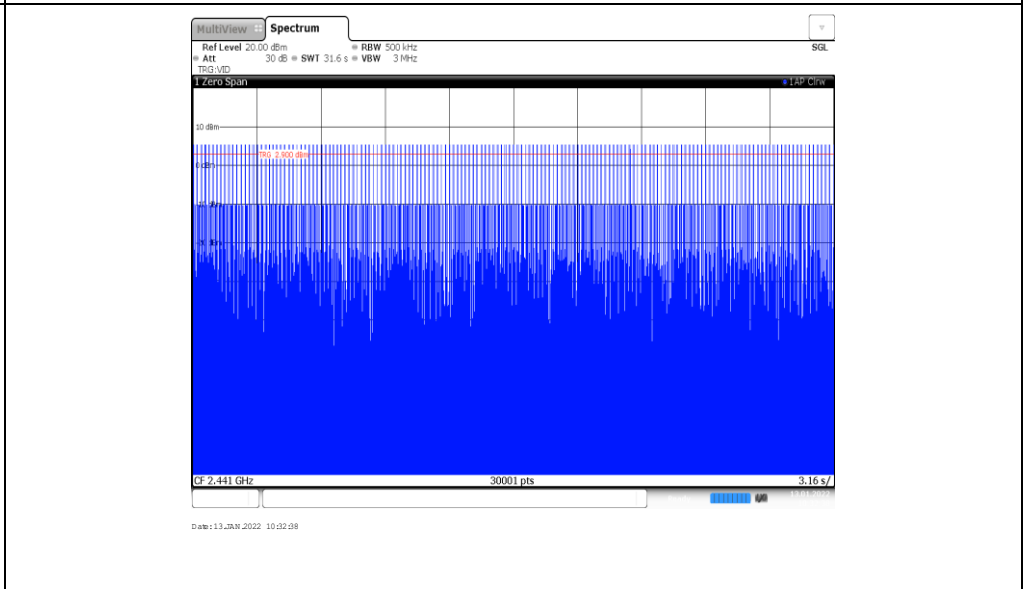


Modulation Type: 8DPSK

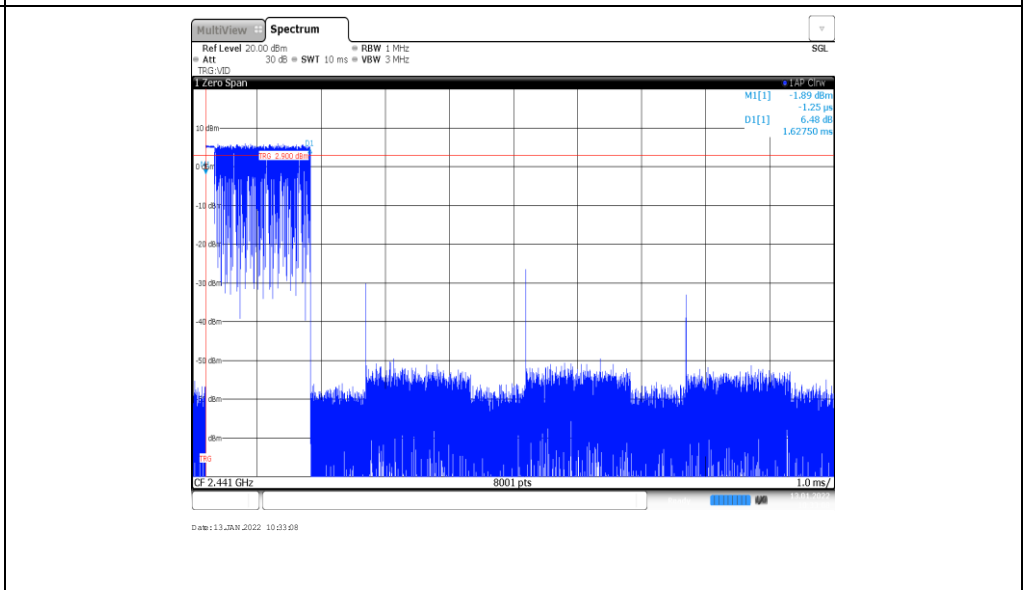
3DH1
Burst width



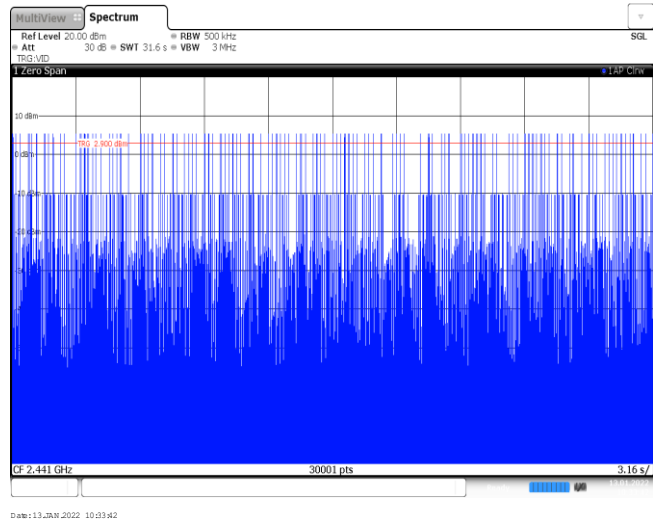
3DH1
Burst number



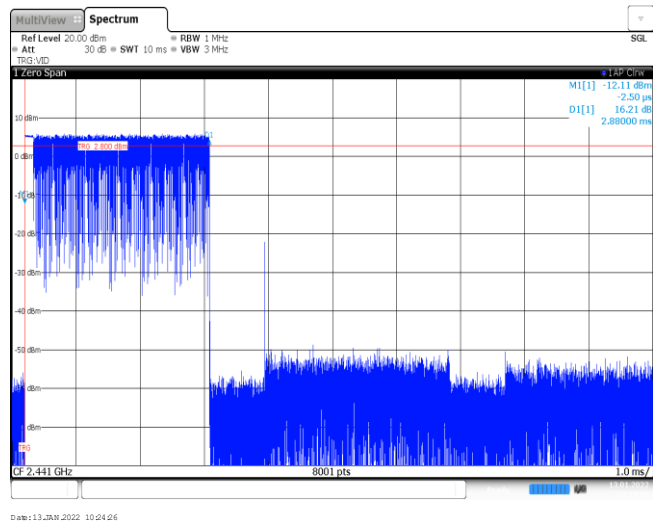
3DH3
Burst width



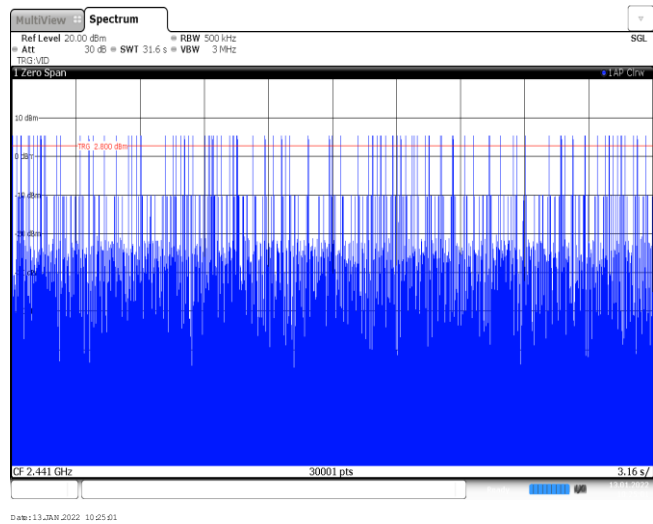
3DH3
Burst number



3DH5
Burst width



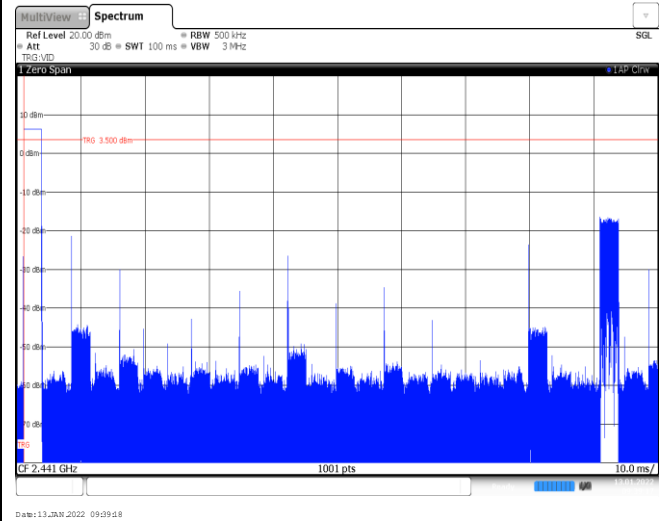
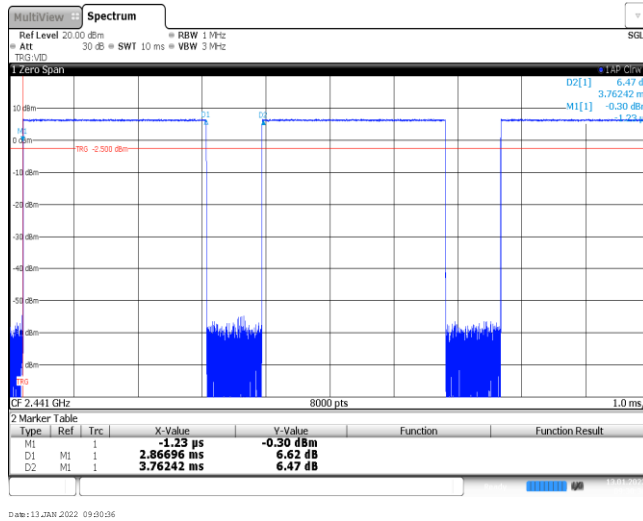
3DH5
Burst number



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	2.87	100	2	-24.82
$\pi/4$ DQPSK	2441	2.87	100	2	-24.82
8DPSK	2441	2.87	100	2	-24.82

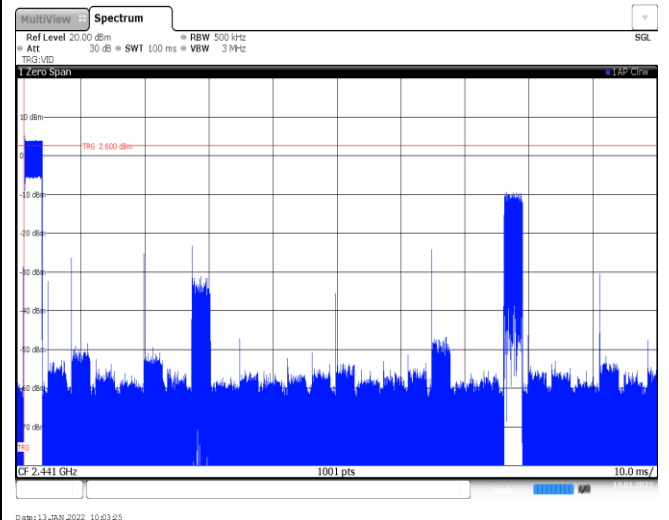
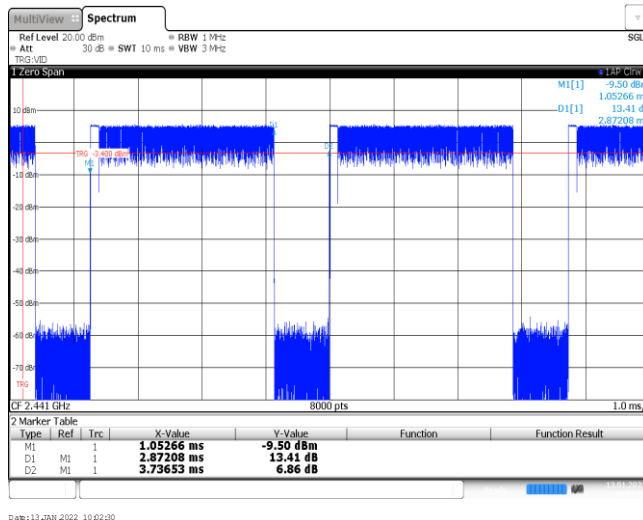
GFSK



T_{on} time for single burst

Burst Quantity

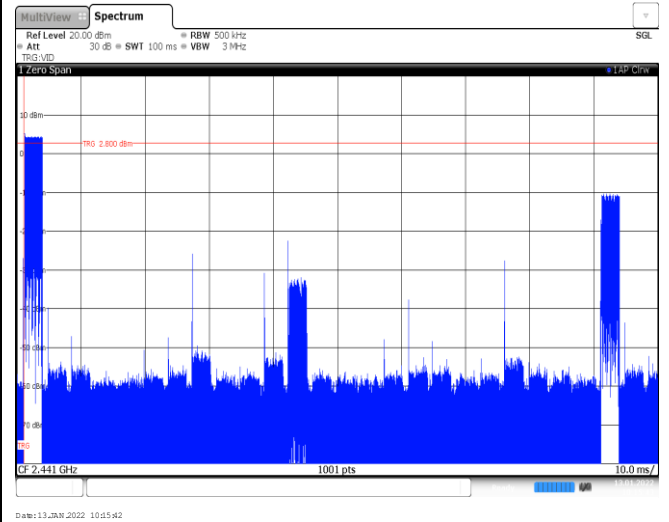
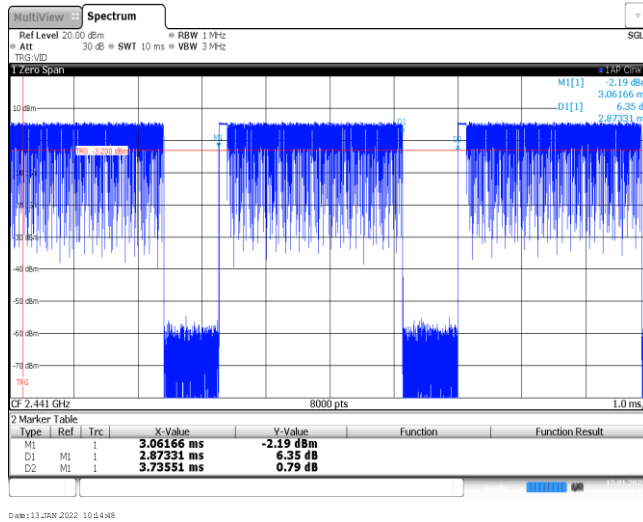
$\pi/4$ DQPSK



T_{on} time for single burst

Burst Quantity

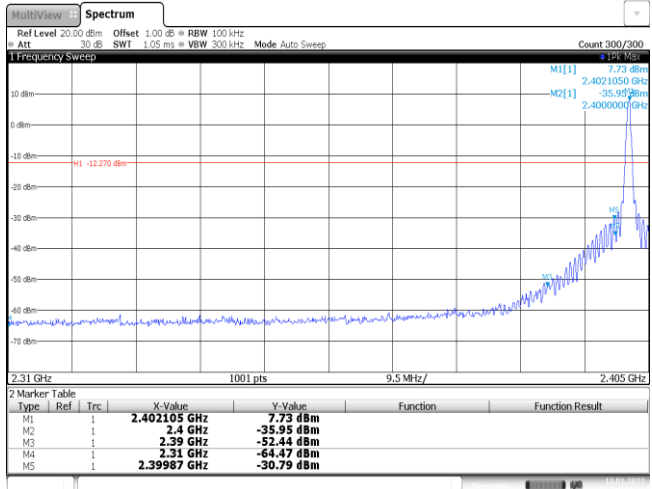
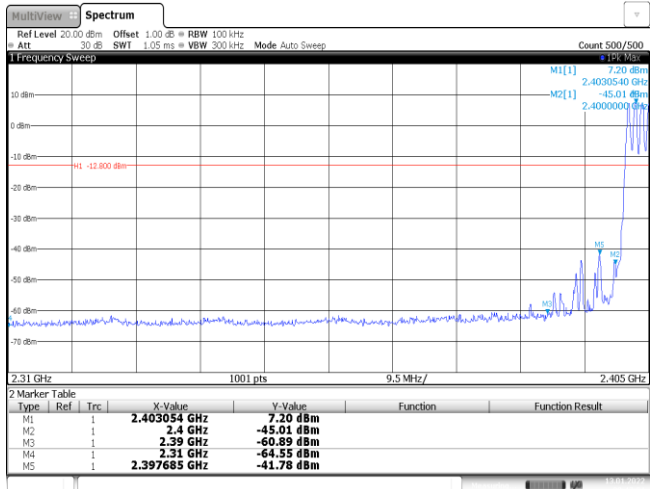
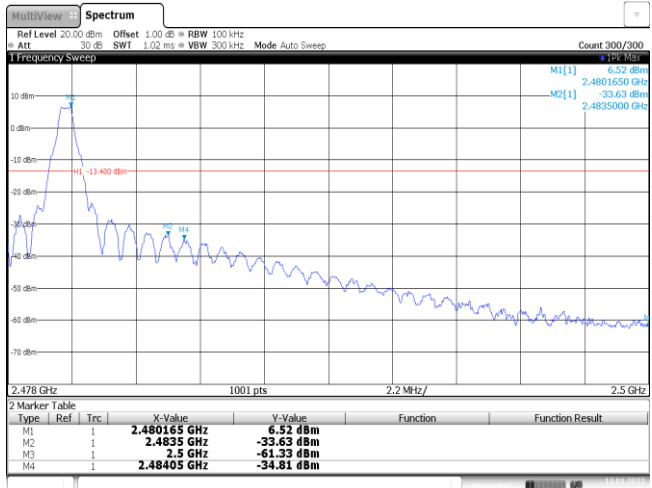
8DPSK



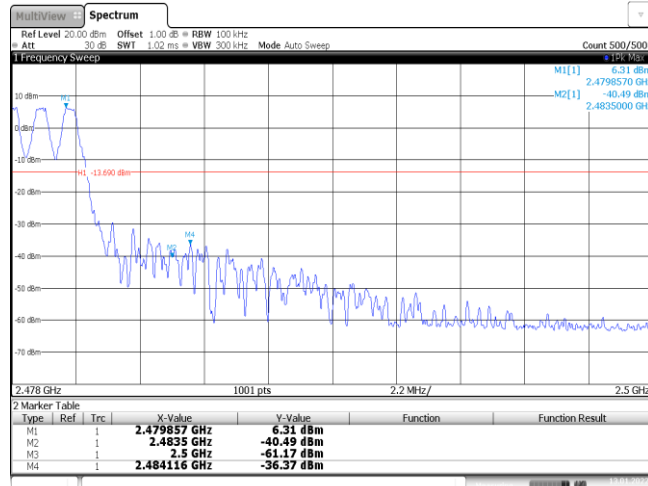
T_{on} time for single burst

Burst Quantity

Appendix H: Band edge and Spurious Emissions (conducted)

Test Item:	Band edge	Modulation type:	GFSK																																										
<p>CH00 No hopping mode</p>	 <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>2.402105 GHz</td> <td>7.73 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-35.95 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-52.44 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.47 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.39987 GHz</td> <td>-30.79 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13 JAN 2022 09:08:09</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	7.73 dBm			M2	1		2.4 GHz	-35.95 dBm			M3	1		2.39 GHz	-52.44 dBm			M4	1		2.31 GHz	-64.47 dBm			M5	1		2.39987 GHz	-30.79 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.402105 GHz	7.73 dBm																																									
M2	1		2.4 GHz	-35.95 dBm																																									
M3	1		2.39 GHz	-52.44 dBm																																									
M4	1		2.31 GHz	-64.47 dBm																																									
M5	1		2.39987 GHz	-30.79 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>2.403054 GHz</td> <td>7.20 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-45.01 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-60.89 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.55 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.397685 GHz</td> <td>-41.78 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13 JAN 2022 09:47:04</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.403054 GHz	7.20 dBm			M2	1		2.4 GHz	-45.01 dBm			M3	1		2.39 GHz	-60.89 dBm			M4	1		2.31 GHz	-64.55 dBm			M5	1		2.397685 GHz	-41.78 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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<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>2.480165 GHz</td> <td>6.52 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4801650 GHz</td> <td>-33.63 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-61.33 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.48405 GHz</td> <td>-34.81 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13 JAN 2022 09:40:59</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.480165 GHz	6.52 dBm			M2	1		2.4801650 GHz	-33.63 dBm			M3	1		2.5 GHz	-61.33 dBm			M4	1		2.48405 GHz	-34.81 dBm									
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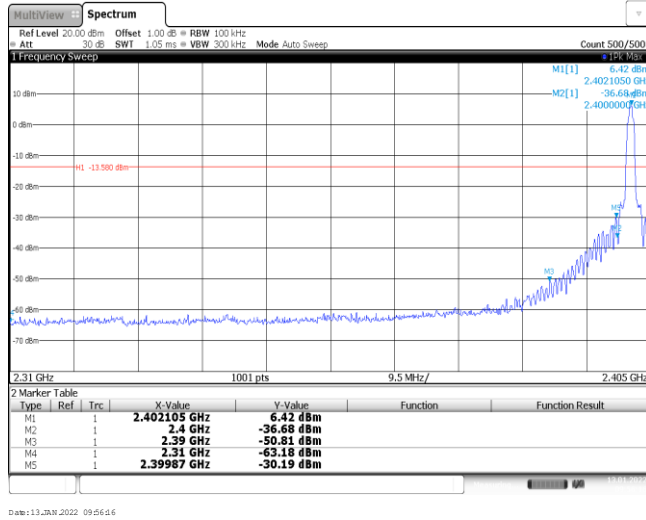
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Hopping mode



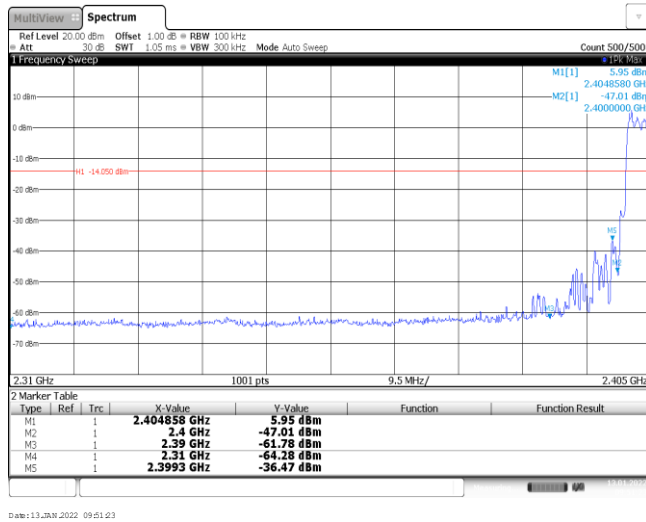
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Test Item:	Band edge	Modulation type:	$\pi/4$DQPSK
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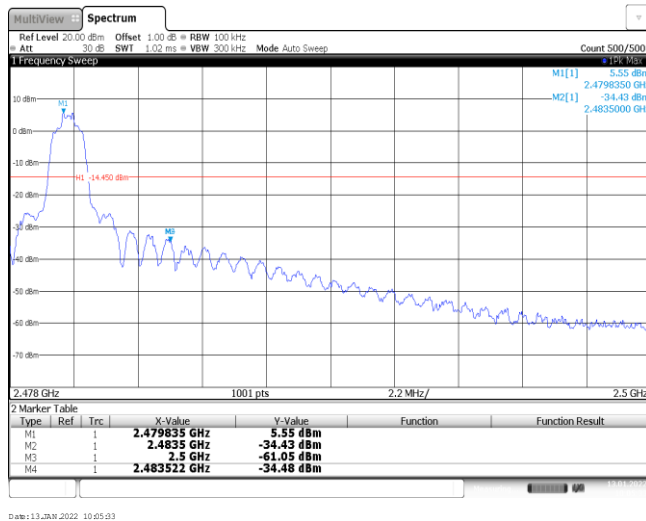
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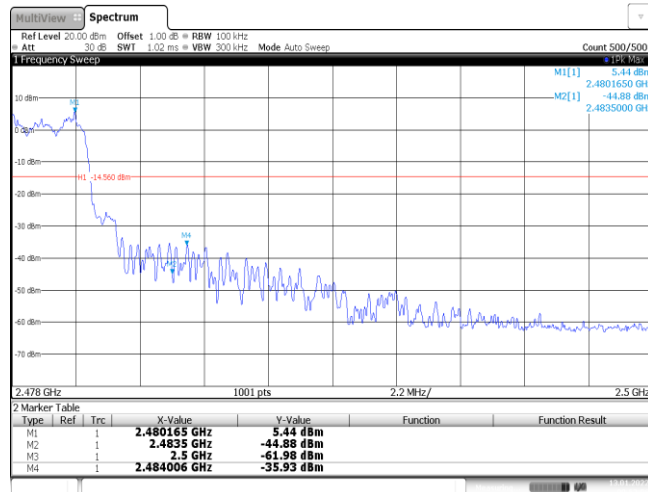
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Hopping mode



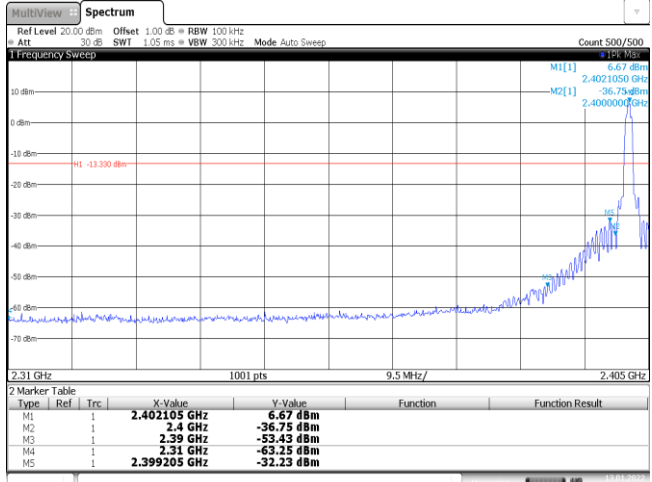
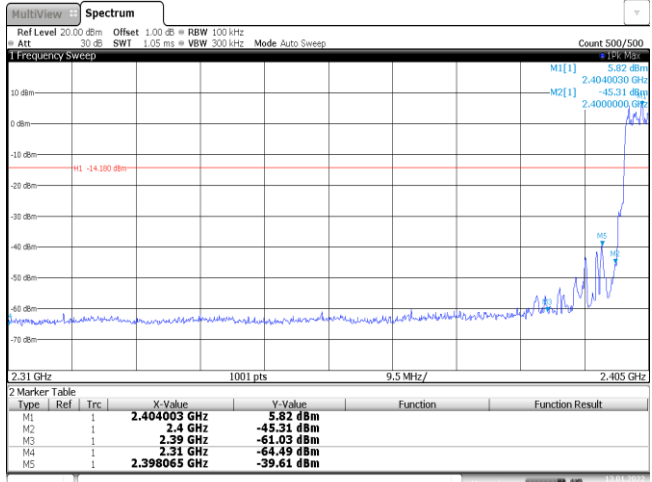
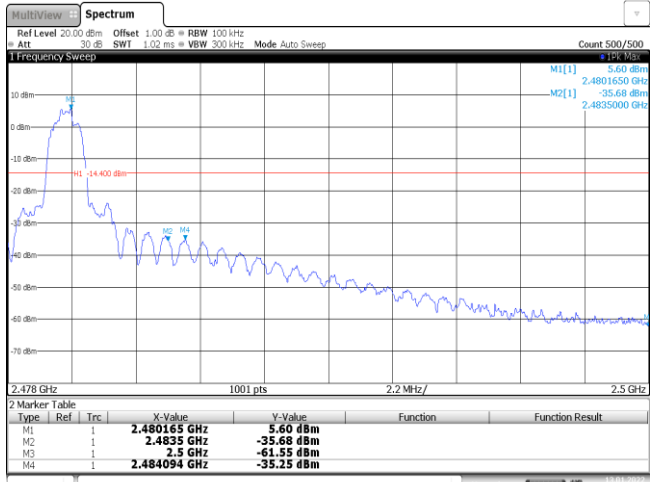
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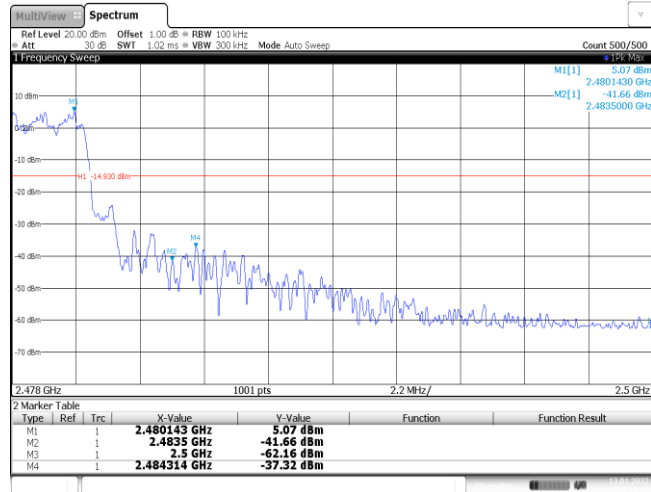
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Hopping mode



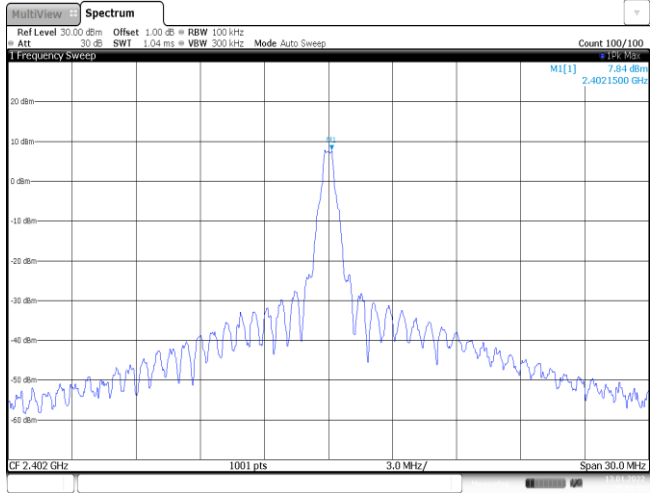
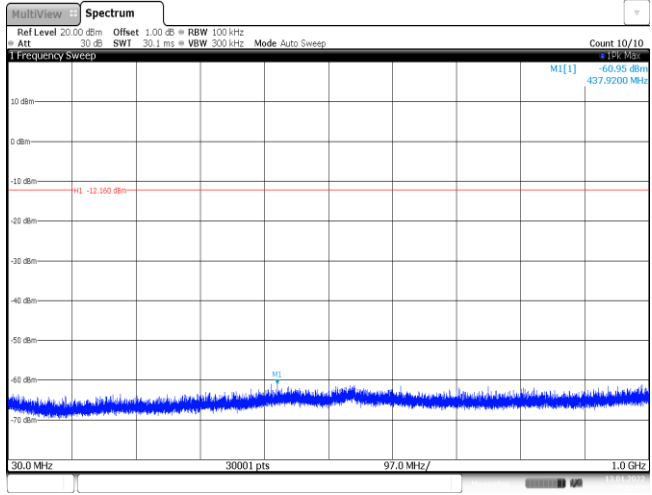
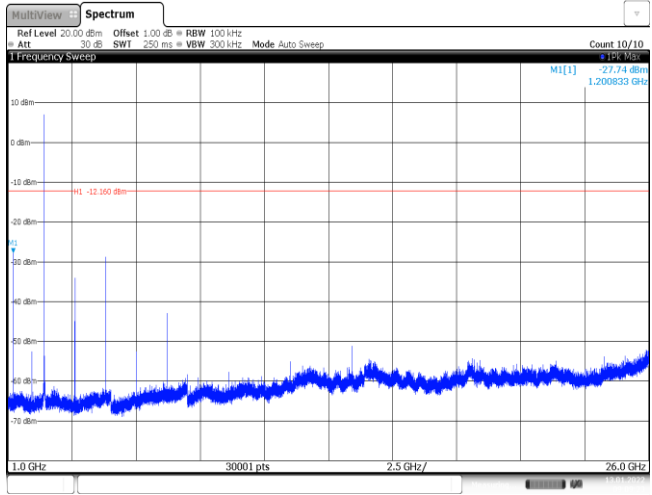
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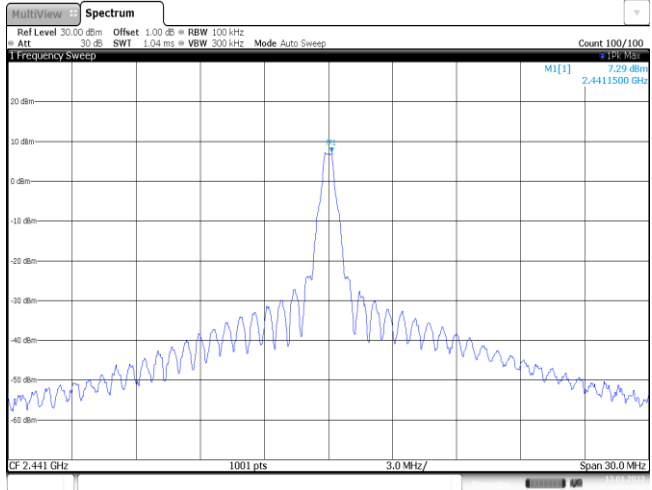
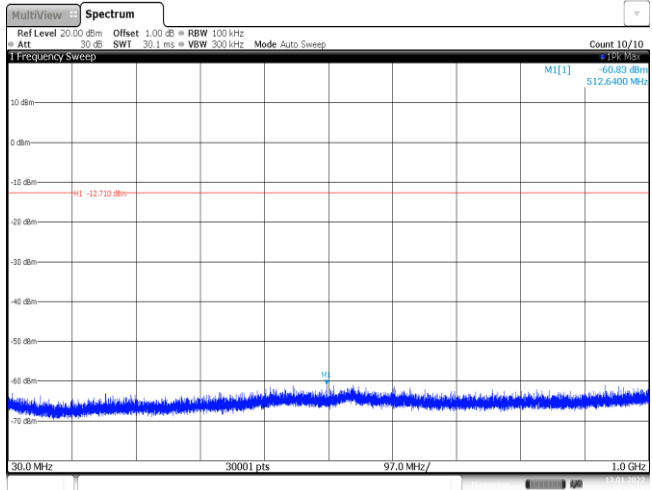
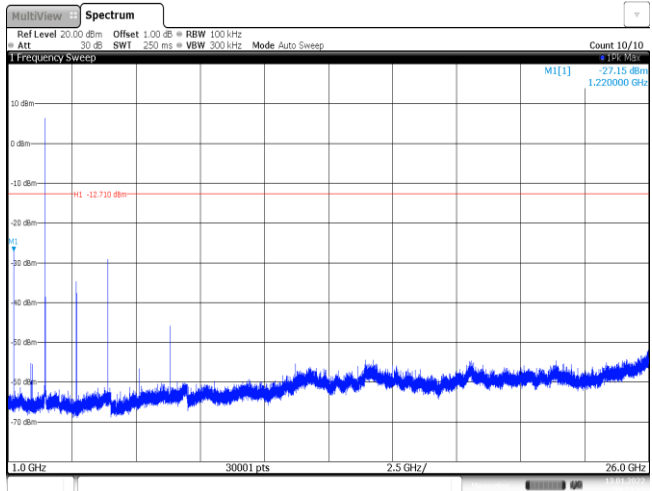
Test Item:	Band edge	Modulation type:	8DPSK																																										
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<p>CH00 Hopping mode</p>	 <table border="1" data-bbox="683 1182 1337 1281"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.404003 GHz</td> <td>5.82 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-45.31 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-61.03 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.49 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.398065 GHz</td> <td>-39.61 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13_JAN 2022 10:23:26</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404003 GHz	5.82 dBm			M2	1		2.4 GHz	-45.31 dBm			M3	1		2.39 GHz	-61.03 dBm			M4	1		2.31 GHz	-64.49 dBm			M5	1		2.398065 GHz	-39.61 dBm		
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<p>CH78 No hopping mode</p>	 <table border="1" data-bbox="683 1738 1337 1827"> <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>2.480165 GHz</td> <td>5.60 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-35.68 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-61.55 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.484094 GHz</td> <td>-35.25 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 13_JAN 2022 10:17:20</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.480165 GHz	5.60 dBm			M2	1		2.4835 GHz	-35.68 dBm			M3	1		2.5 GHz	-61.55 dBm			M4	1		2.484094 GHz	-35.25 dBm									
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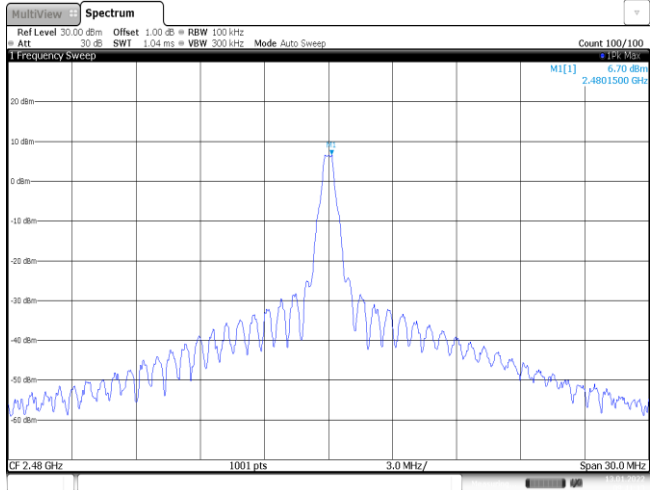
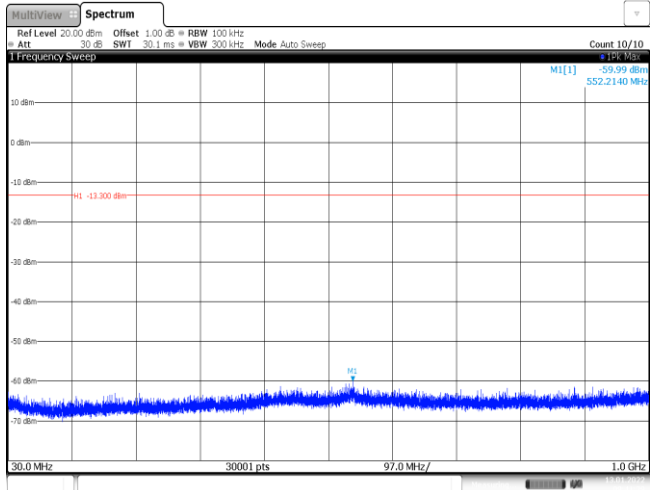
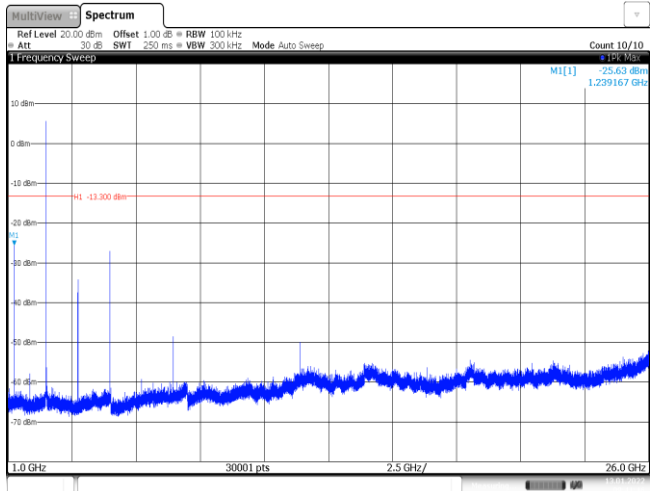
CH78
Hoppig mode

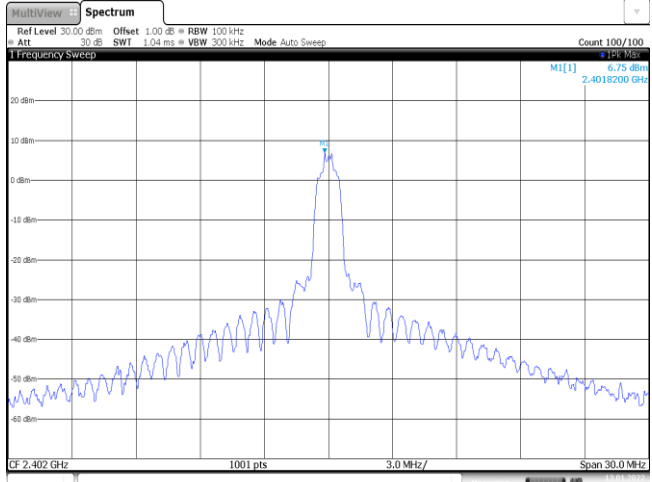
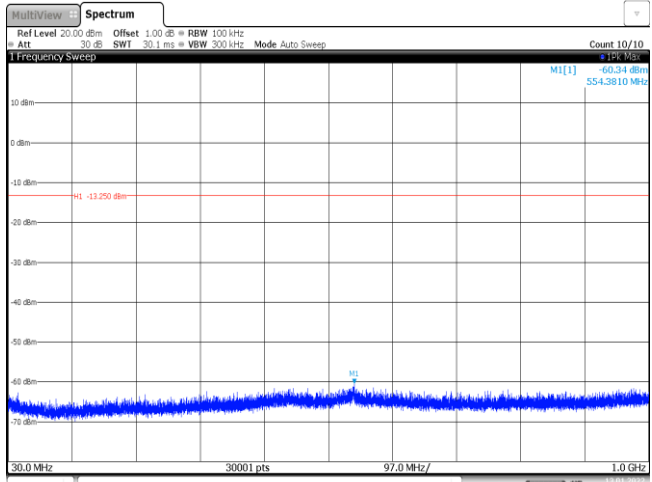
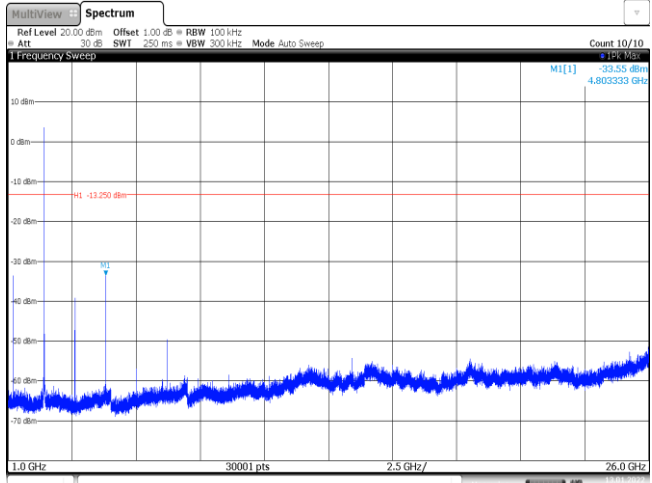


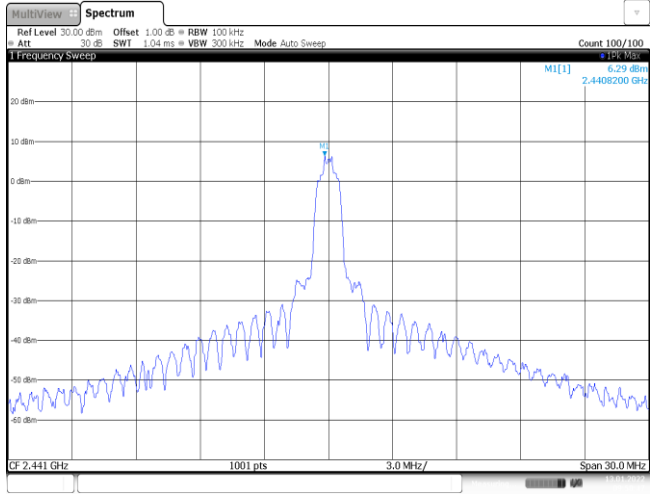
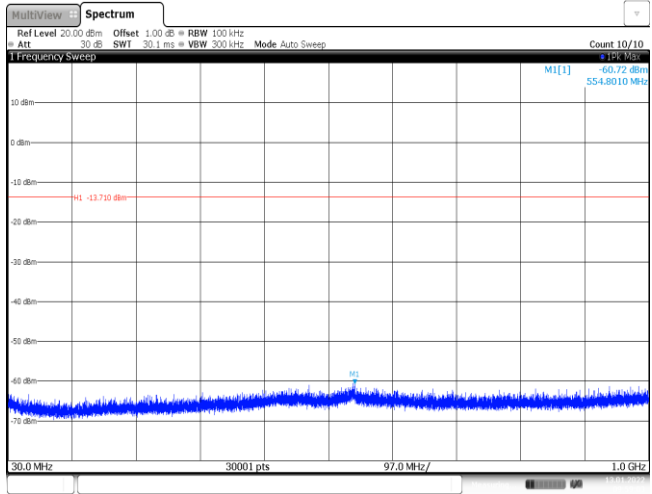
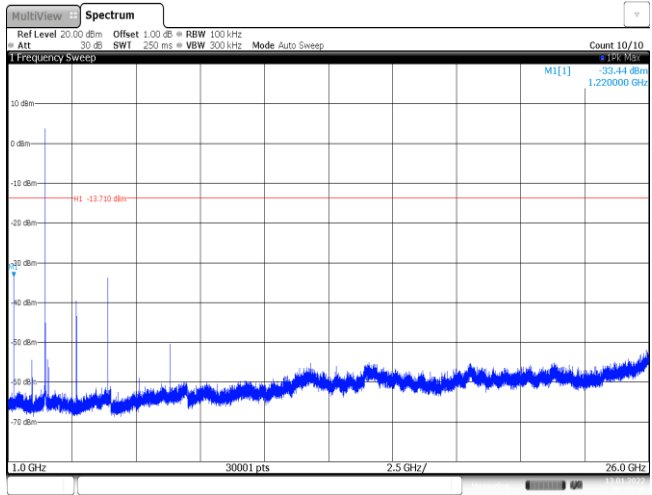
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Test Item:	Spurious Emission	Modulation type:	GFSK
<p>CH00 Reference level</p>	 <p>MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 Frequency Sweep MI[1] 7.84 dBm 2.4021500 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 13 JAN 2022 09:08:51</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 Frequency Sweep MI[1] -60.95 dBm 437.9200 MHz MI -12.100 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 13 JAN 2022 09:09:07</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 Frequency Sweep MI[1] -27.74 dBm 1.200833 GHz MI -12.100 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 13 JAN 2022 09:09:23</p>		

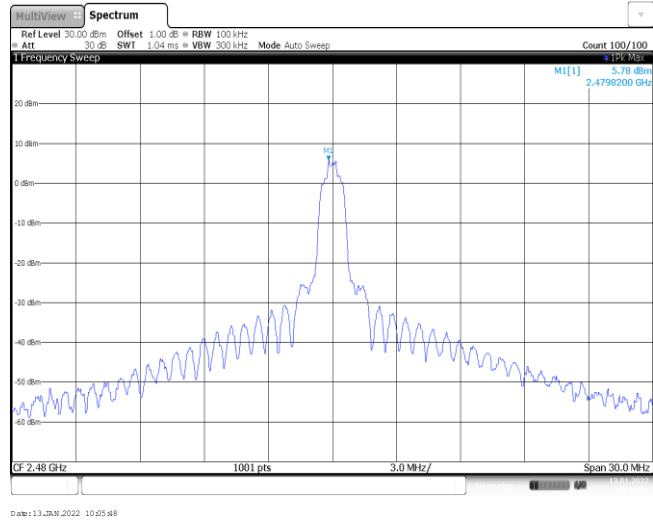
<p>CH39 Reference level</p>	 <p>MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att -30 dB SWF 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 7.29 dBm 2.441500 GHz CF 2.441 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 13 JAN 2022 09:22:40</p>
<p>CH39 30MHz~1000MHz</p>	 <p>MultiView Spectrum 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 1 Frequency Sweep M1[1] -60.83 dBm 512.6400 MHz M1 -12.710 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 13 JAN 2022 09:22:56</p>
<p>CH39 1GHz~26GHz</p>	 <p>MultiView Spectrum 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 1 Frequency Sweep M1[1] -27.15 dBm 1.220000 GHz M1 -12.710 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 13 JAN 2022 09:23:13</p>

<p>CH78 Reference level</p>	 <p>The spectrum plot shows a frequency sweep from 2.48 GHz to 3.0 MHz. The y-axis represents power in dBm, ranging from -60 to 20. A prominent peak is observed at 2.481500 GHz with a magnitude of 6.70 dBm. The plot includes technical parameters: 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, and Span 30.0 MHz.</p>
<p>CH78 30MHz~1000MHz</p>	 <p>The spectrum plot shows a frequency sweep from 30.0 MHz to 1.0 GHz. The y-axis represents power in dBm, ranging from -70 to 10. The plot shows a relatively flat noise floor around -60 dBm. A red horizontal line is drawn at -13.00 dBm. A small peak is visible at 552.2140 MHz with a magnitude of -59.99 dBm. Technical parameters include: 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, and Span 97.0 MHz.</p>
<p>CH78 1GHz~26GHz</p>	 <p>The spectrum plot shows a frequency sweep from 1.0 GHz to 26.0 GHz. The y-axis represents power in dBm, ranging from -70 to 10. The plot shows a noise floor around -60 dBm with several sharp peaks. A red horizontal line is drawn at -13.00 dBm. A peak is visible at 1.239167 GHz with a magnitude of -25.63 dBm. Technical parameters include: 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, and Span 2.5 GHz.</p>

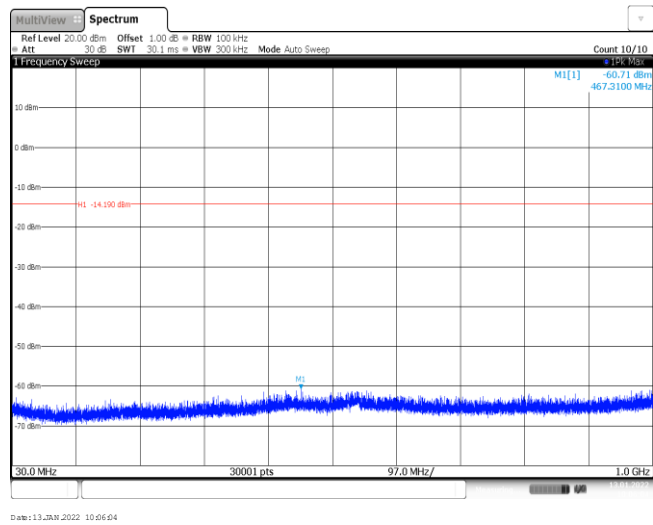
Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
<p>CH00 Reference level</p>	 <p>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 MI[1] 6.75 dBm 2.4016200 GHz Date: 13 JAN 2022 09:56:01</p>		
<p>CH00 30MHz~1000MHz</p>	 <p>Ref Level 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 MI[1] -60.34 dBm 554.3810 MHz H1 -13.250 dBm Date: 13 JAN 2022 09:56:07</p>		
<p>CH00 1GHz~26GHz</p>	 <p>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 MI[1] -33.55 dBm 4.803333 GHz H1 -13.250 dBm MI[1] -33.55 dBm 4.803333 GHz Date: 13 JAN 2022 09:57:04</p>		

<p>CH39 Reference level</p>	 <p>MultiView Spectrum 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 1 Frequency Sweep M1[1] 6.29 dBm 2.4408200 GHz CF 2.441 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 13 JAN 2022 09:58:47</p>
<p>CH39 30MHz~1000MHz</p>	 <p>MultiView Spectrum 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 1 Frequency Sweep M1[1] -60.72 dBm 554.8010 MHz M1 -13.710 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 13 JAN 2022 09:59:03</p>
<p>CH39 1GHz~26GHz</p>	 <p>MultiView Spectrum 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 1 Frequency Sweep M1[1] -33.44 dBm 1.220000 GHz M1 -13.710 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 13 JAN 2022 09:59:20</p>

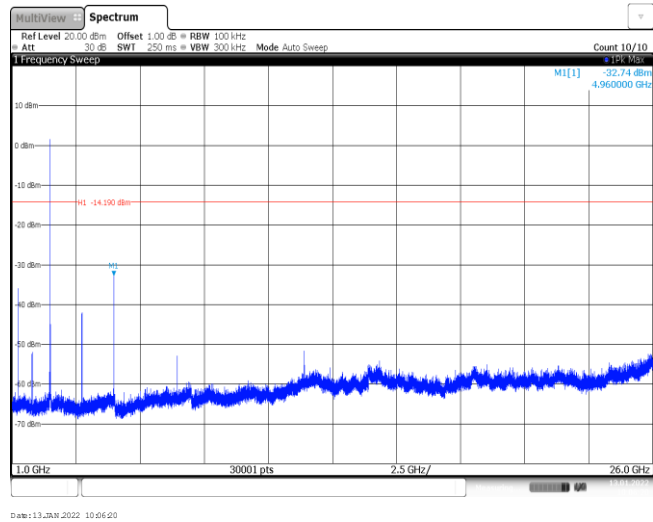
CH78
Reference level

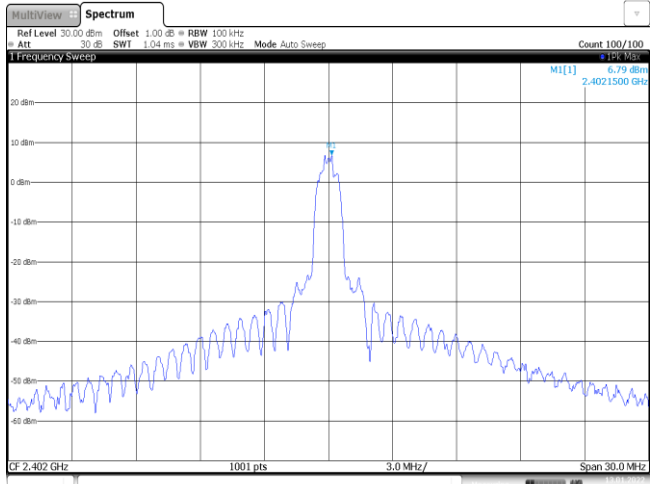
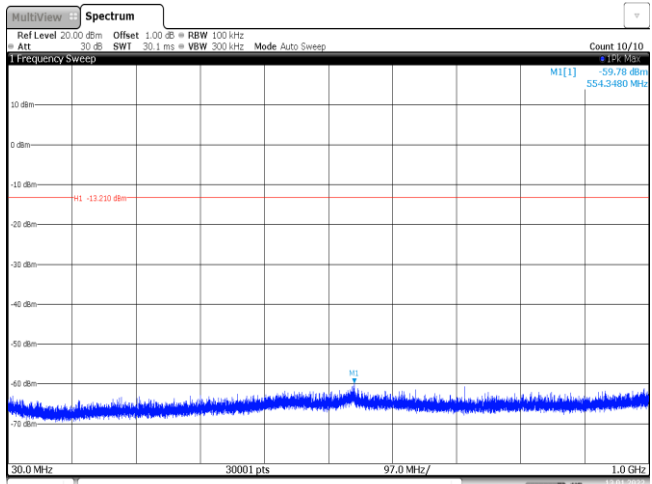
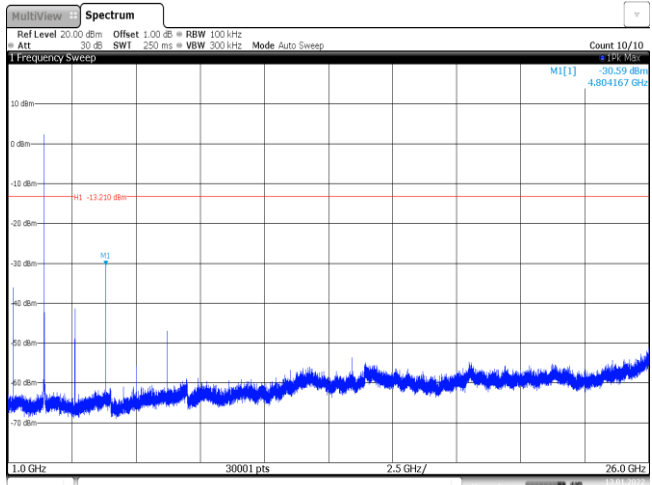


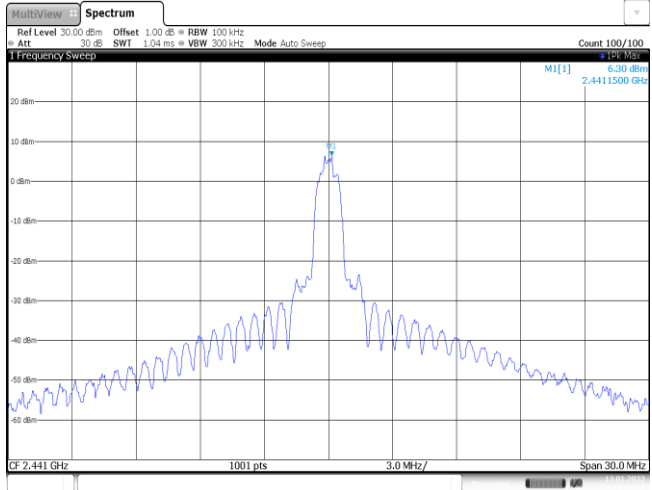
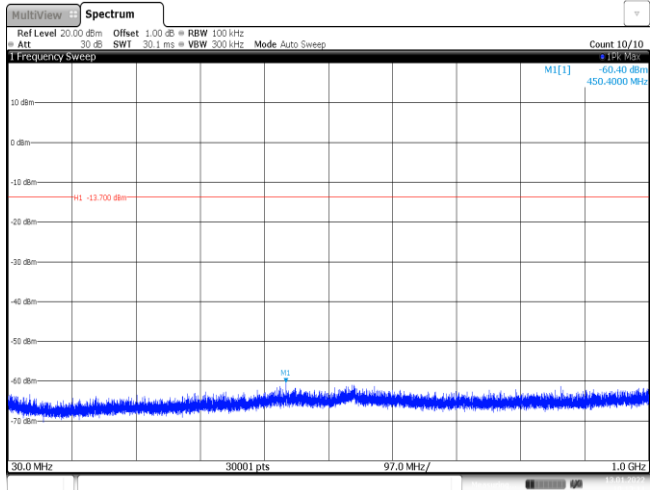
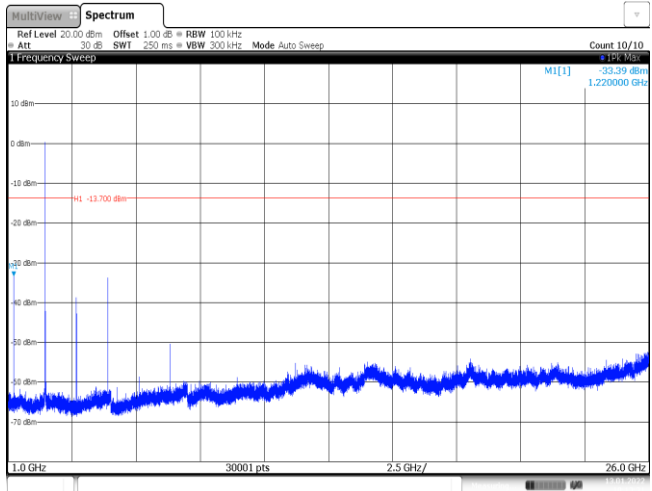
CH78
30MHz~1000MHz

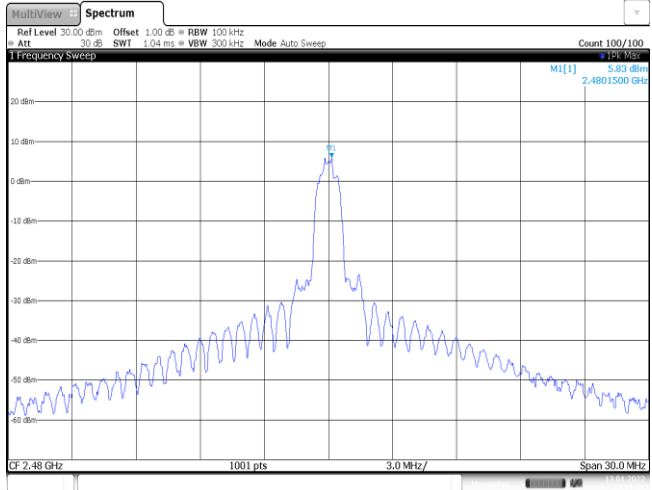
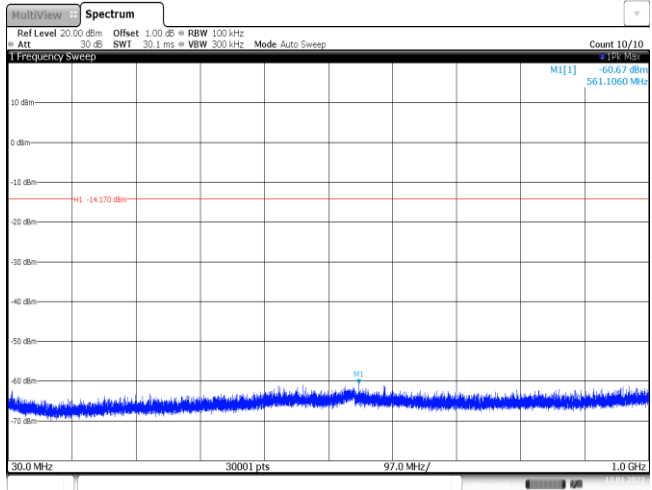
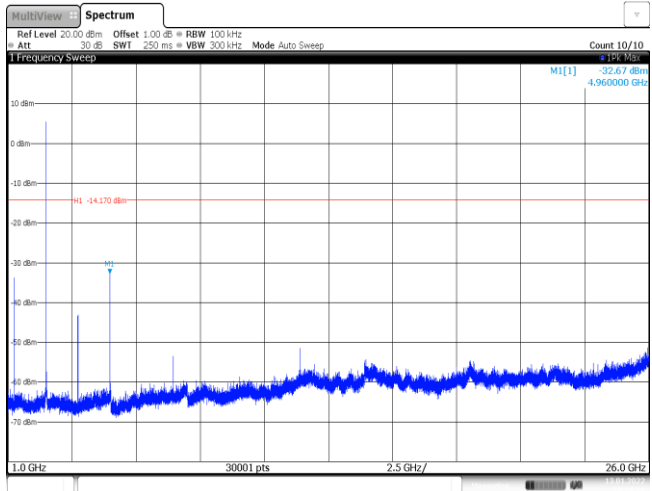


CH78
1GHz~26GHz



Test Item:	Spurious Emission	Modulation type:	8DPSK
<p>CH00 Reference level</p>	 <p>Date: 13 JAN 2022 10:09:45</p>		
<p>CH00 30MHz~1000MHz</p>	 <p>Date: 13 JAN 2022 10:10:02</p>		
<p>CH00 1GHz~26GHz</p>	 <p>Date: 13 JAN 2022 10:10:18</p>		

<p>CH39 Reference level</p>	 <p>Date: 13 JAN 2022 10:12:59</p>
<p>CH39 30MHz~1000MHz</p>	 <p>Date: 13 JAN 2022 10:13:14</p>
<p>CH39 1GHz~26GHz</p>	 <p>Date: 13 JAN 2022 10:13:21</p>

<p>CH78 Reference level</p>	 <p>The spectrum plot shows a single prominent peak at 2.48 GHz with a magnitude of 5.83 dBm. The y-axis ranges from -60 dBm to 20 dBm, and the x-axis ranges from 2.48 GHz to 3.0 MHz. The plot title is 'Spectrum' and it includes parameters like Ref Level 30.00 dBm, Offset 1.00 dB, RBW 100 kHz, and Span 30.0 MHz.</p>
<p>CH78 30MHz~1000MHz</p>	 <p>The spectrum plot shows a noise floor across the 30 MHz to 1000 MHz range, with a magnitude of approximately -60.67 dBm. A red horizontal line is drawn at -44.170 dBm. The y-axis ranges from -70 dBm to 10 dBm, and the x-axis ranges from 30.0 MHz to 1.0 GHz. The plot title is 'Spectrum' and it includes parameters like Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, and Span 30.0 MHz.</p>
<p>CH78 1GHz~26GHz</p>	 <p>The spectrum plot shows a noise floor across the 1 GHz to 26 GHz range, with a magnitude of approximately -32.67 dBm. A red horizontal line is drawn at -44.170 dBm. The y-axis ranges from -70 dBm to 10 dBm, and the x-axis ranges from 1.0 GHz to 26.0 GHz. The plot title is 'Spectrum' and it includes parameters like Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, and Span 26.0 GHz.</p>

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