

APPENDIX REPORT

Project No.	SHT2101056603EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT21010566008	Model No.	V2
Start test date	2021-05-10	Finish date	2021-05-10
Temperature	25.1°C	Humidity	40%
Test Engineer	Hailey Chen	Auditor	Xiaodong Zhu

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

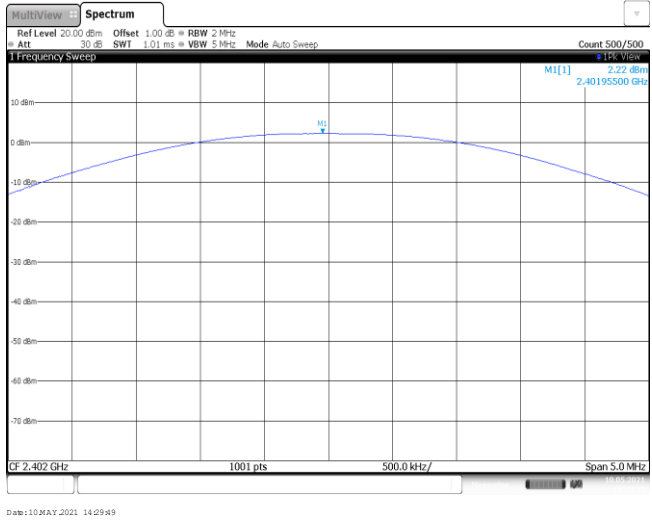
Appendix A: Peak Output Power

Modulation type	Channel	Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
GFSK	00	2.61	2.60	≤ 30.00	Pass
	39	3.15	3.14		
	78	4.00	3.98		
π/4DQPSK	00	2.22	2.15	≤ 21.00	Pass
	39	2.68	2.65		
	78	3.61	3.53		
8DPSK	00	2.31	2.24	≤ 21.00	Pass
	39	2.81	2.76		
	78	3.70	3.61		

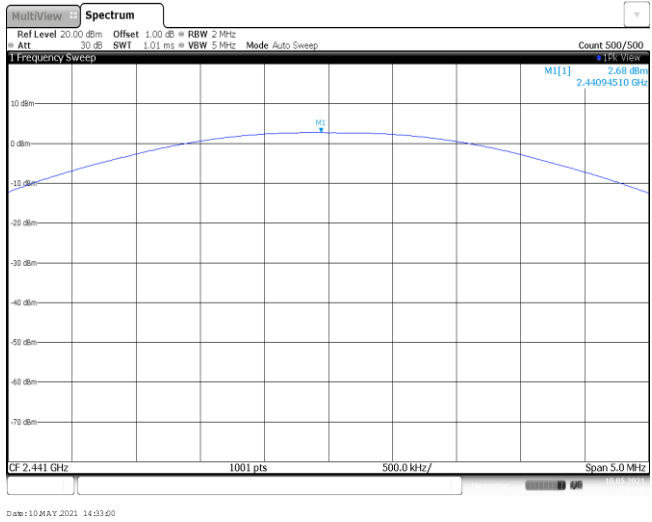
Modulation Type:		GFSK
CH00	<p> Spectrum plot for CH00. The plot shows a GFSK signal centered at 2.402 GHz. The peak level is 2.61 dBm. The plot includes a grid with a 500.0 kHz resolution and a 5.0 MHz span. The y-axis represents power in dBm, ranging from -80 to 10. The x-axis represents frequency in GHz, ranging from 2.402 to 2.407. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, SWI 4.21 us (~31 ms), VBW 3 MHz, Mode Auto FFT, Count 300/300. The plot is dated 10 MAY 2021 13:46:58. </p>	
CH39	<p> Spectrum plot for CH39. The plot shows a GFSK signal centered at 2.441 GHz. The peak level is 3.15 dBm. The plot includes a grid with a 500.0 kHz resolution and a 5.0 MHz span. The y-axis represents power in dBm, ranging from -80 to 10. The x-axis represents frequency in GHz, ranging from 2.441 to 2.446. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, SWI 4.21 us (~31 ms), VBW 3 MHz, Mode Auto FFT, Count 300/300. The plot is dated 10 MAY 2021 13:24:49. </p>	
CH78	<p> Spectrum plot for CH78. The plot shows a GFSK signal centered at 2.48 GHz. The peak level is 4.00 dBm. The plot includes a grid with a 500.0 kHz resolution and a 5.0 MHz span. The y-axis represents power in dBm, ranging from -80 to 10. The x-axis represents frequency in GHz, ranging from 2.48 to 2.485. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, SWI 4.21 us (~31 ms), VBW 3 MHz, Mode Auto FFT, Count 300/200. The plot is dated 10 MAY 2021 13:31:25. </p>	

Modulation Type: $\pi/4$ DQPSK

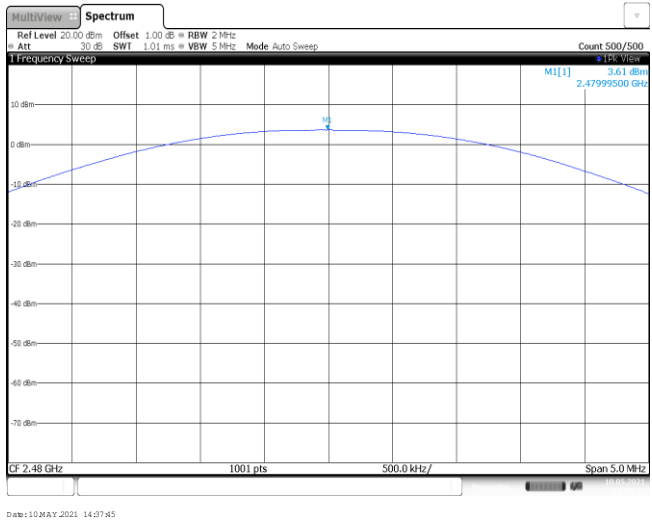
CH00



CH39

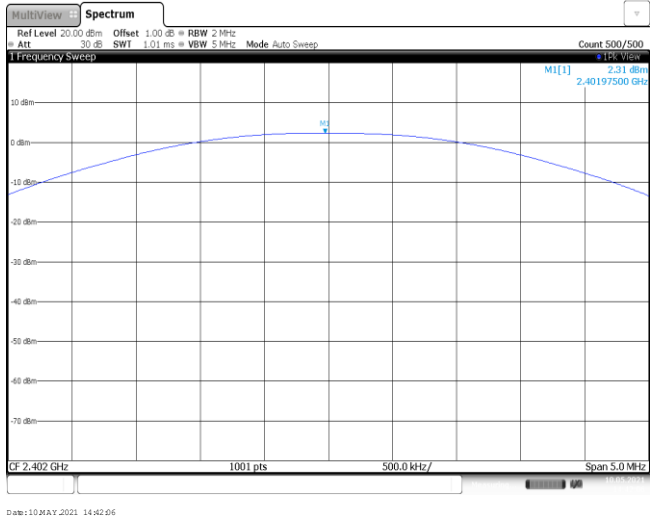


CH78

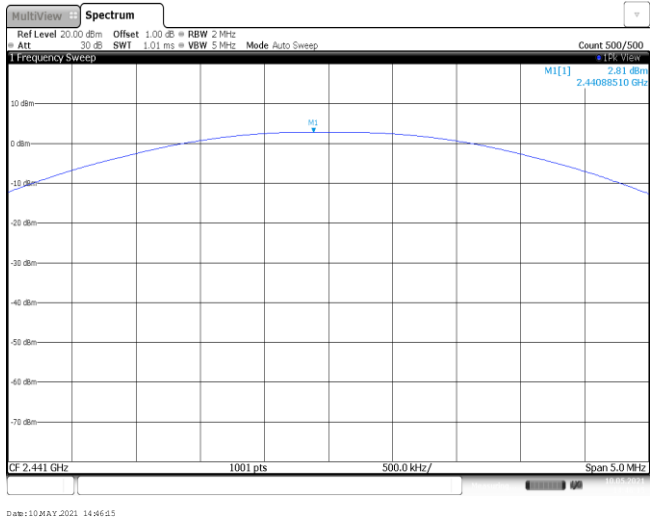


Modulation Type: 8DPSK

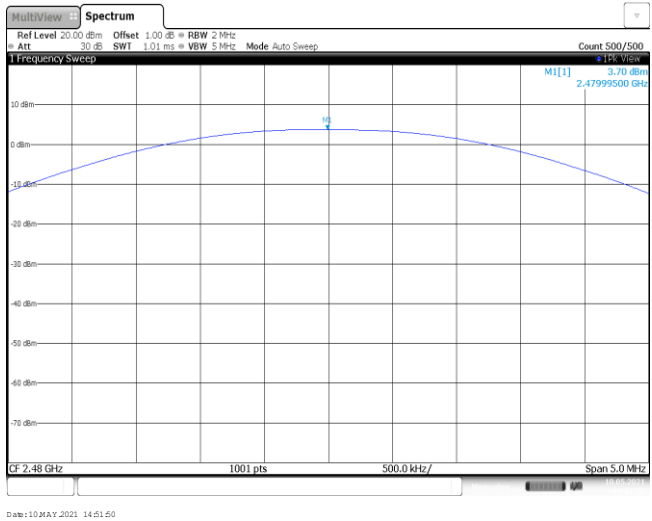
CH00



CH39



CH78

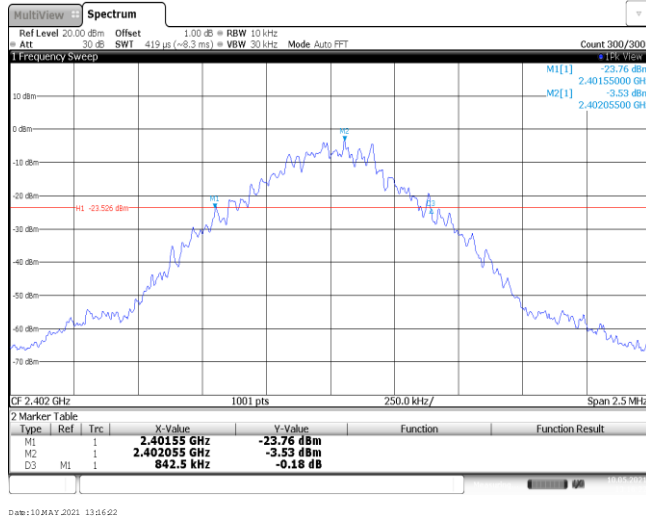


Appendix B : 20 dB Bandwidth

Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	842.50	-	Pass
	39	842.50		
	78	842.50		
$\pi/4$ DQPSK	00	1275.00	-	Pass
	39	1272.50		
	78	1267.50		
8DPSK	00	1272.50	-	Pass
	39	1267.50		
	78	1262.50		

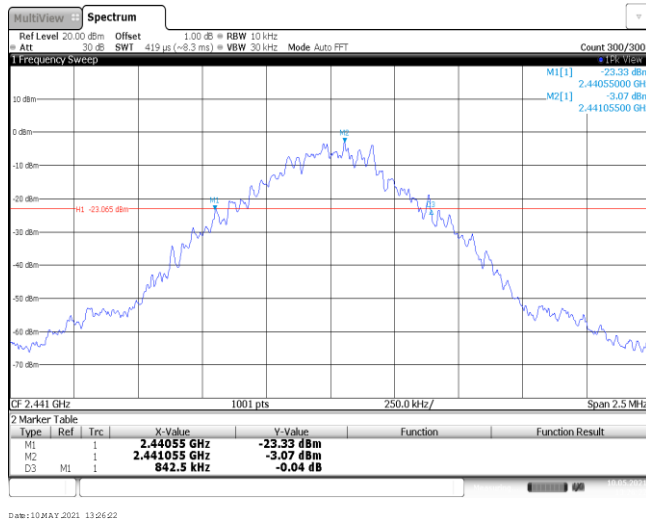
Modulation Type: GFSK

CH00



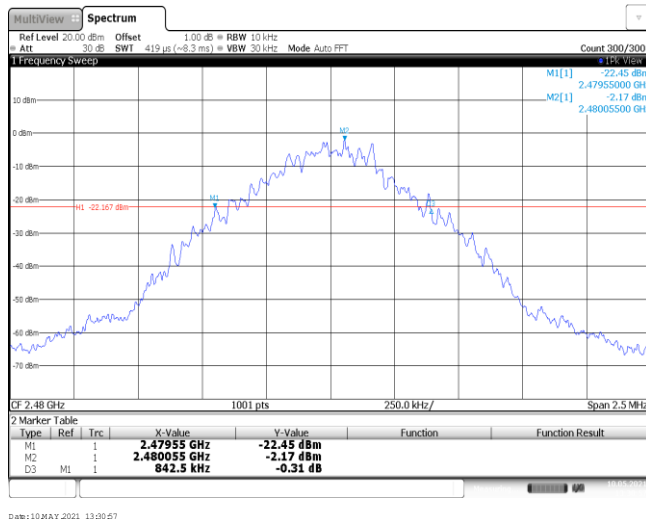
Date: 10 MAY 2021 13:46:22

CH39



Date: 10 MAY 2021 13:26:22

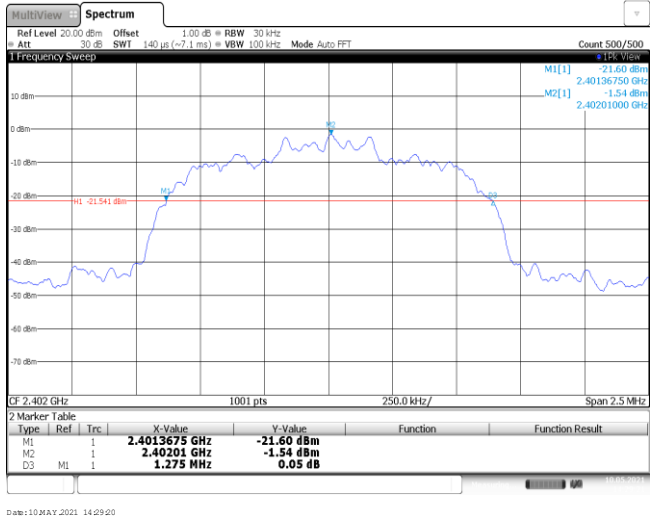
CH78



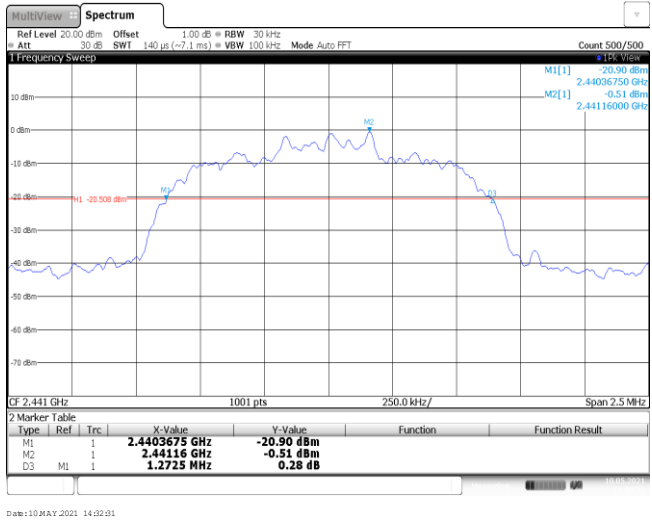
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Modulation Type: **$\pi/4$ DQPSK**

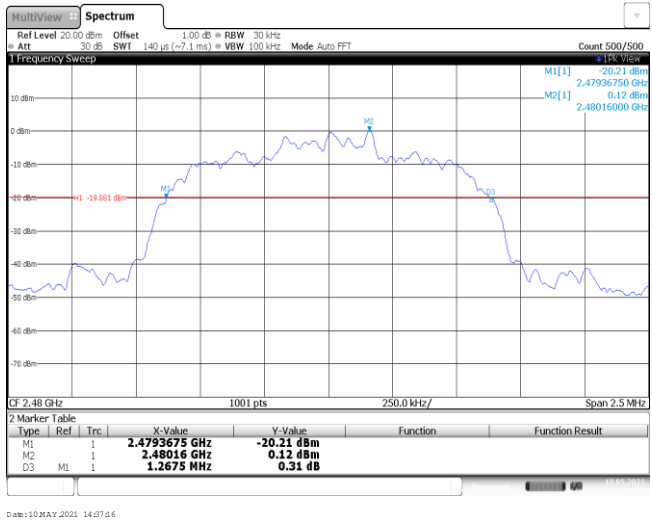
CH00



CH39

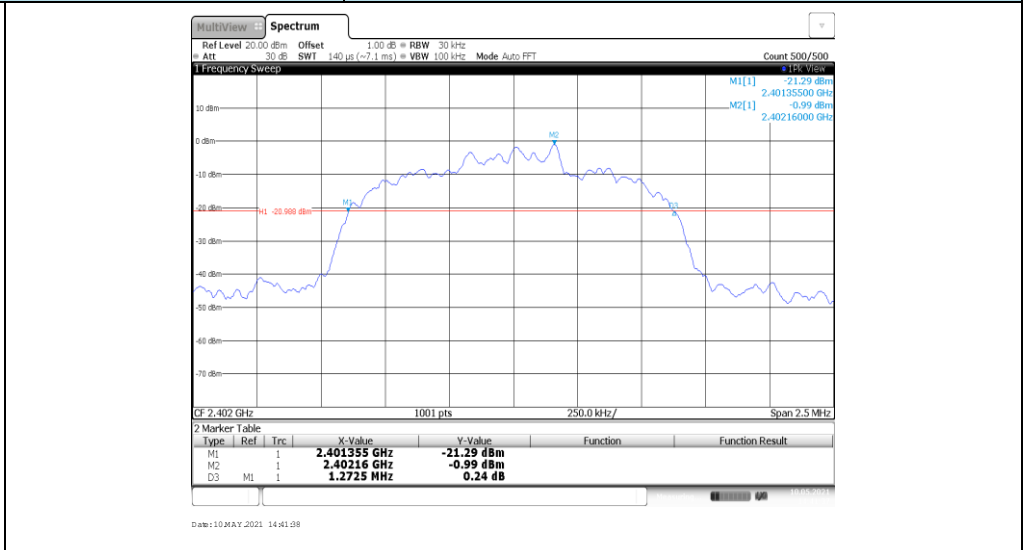


CH78

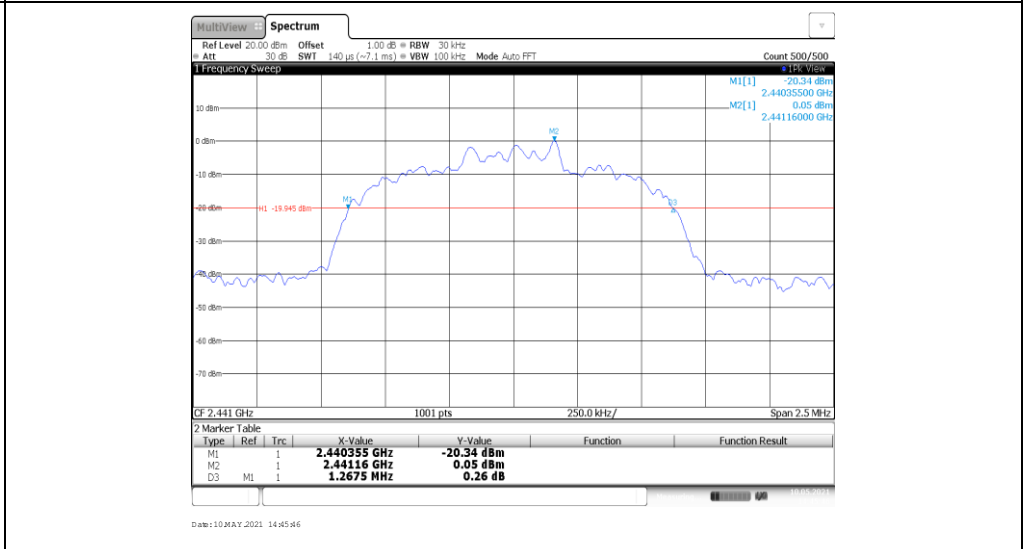


Modulation Type: 8DPSK

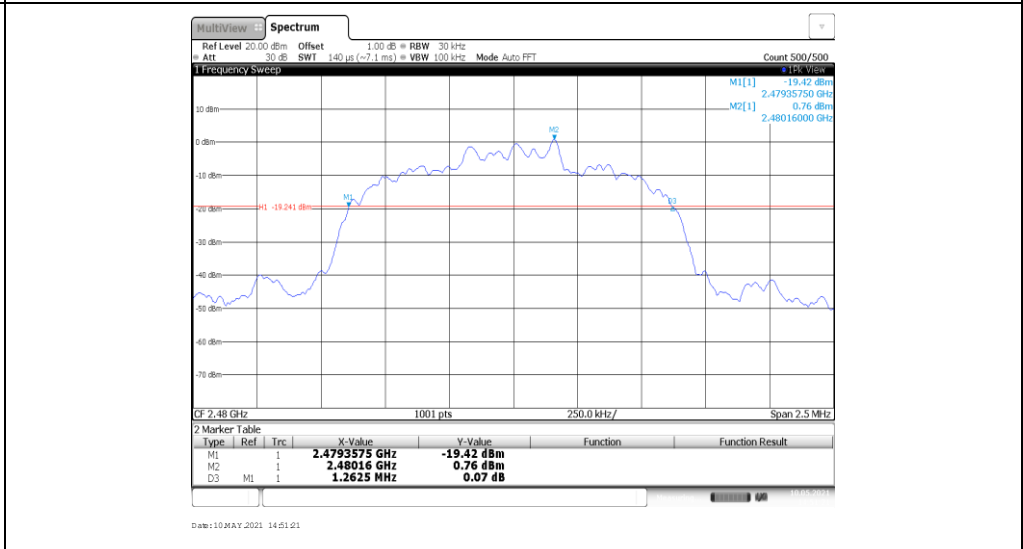
CH00



CH39



CH78

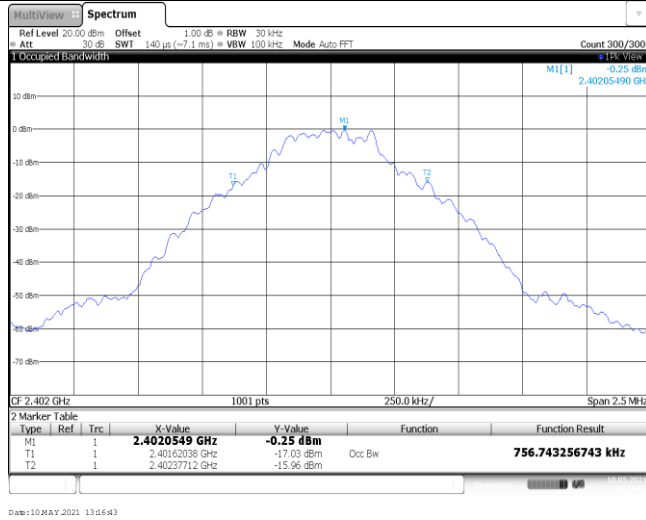


Appendix C: 99% Occupied Bandwidth

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.76	-	Pass
	39	0.76		
	78	0.76		
$\pi/4$ DQPSK	00	1.15	-	Pass
	39	1.15		
	78	1.15		
8DPSK	00	1.15	-	Pass
	39	1.15		
	78	1.15		

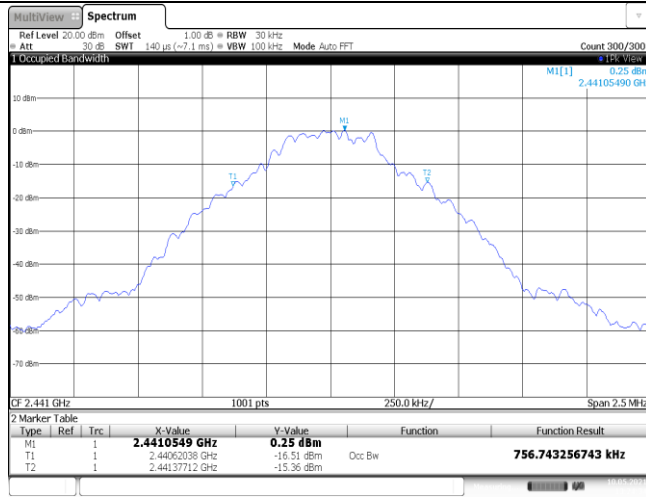
Modulation Type: GFSK

CH00



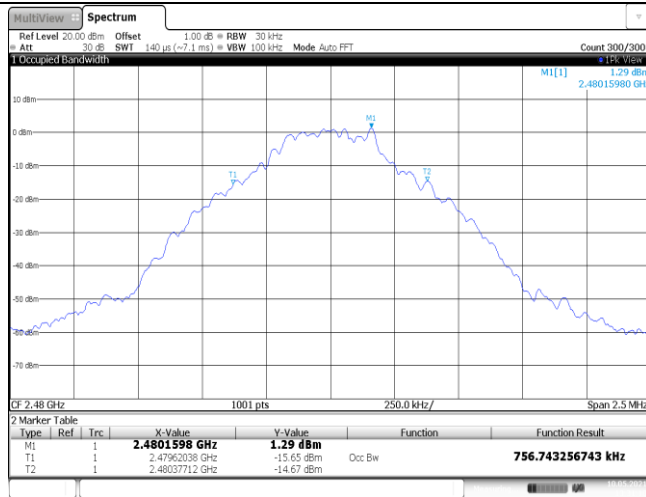
Date: 10 MAY 2021 13:24:43

CH39



Date: 10 MAY 2021 13:24:04

CH78



Date: 10 MAY 2021 13:21:10

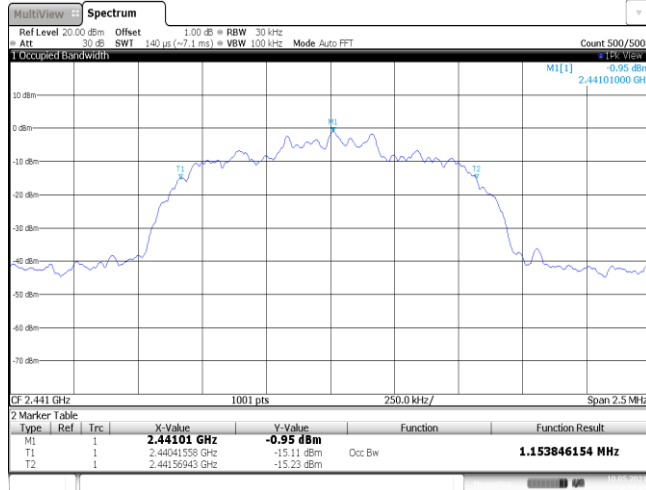
Modulation Type: **$\pi/4$ DQPSK**

CH00



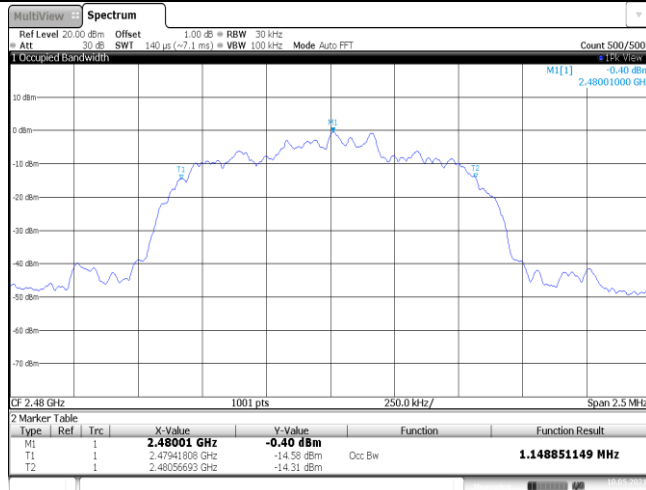
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CH39



Date: 10 MAY 2021 14:32:45

CH78



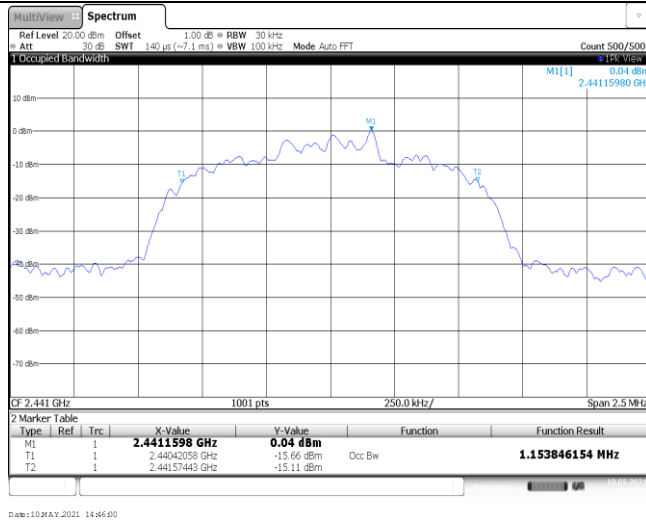
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Modulation Type: 8DPSK

CH00



CH39



CH78



Appendix D: Carrier Frequencies Separation

Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥842.50	Pass
$\pi/4$ DQPSK	39	1.00	≥850.00	Pass
8DPSK	39	1.00	≥848.33	Pass

Note:

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

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

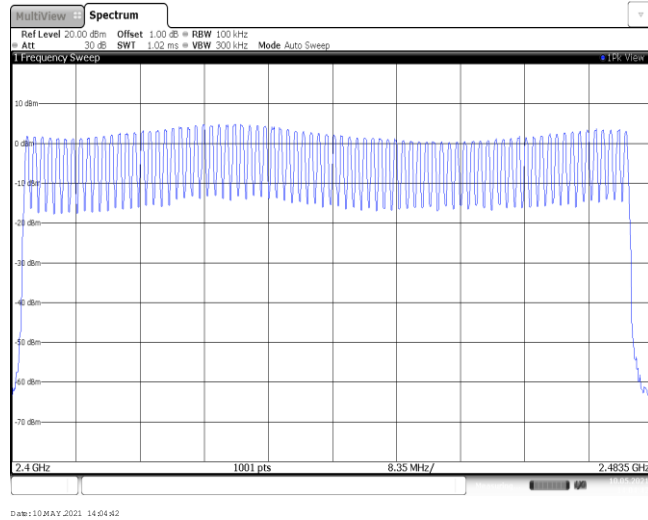
8DPSK limit = $2/3$ * The maximum 20 dB Bandwidth for 8DPSK modulation on the appendix B

<p style="text-align: center;">GFSK</p>	<p style="text-align: center;">Date: 10 MAY 2021 14:03:15</p>
<p style="text-align: center;">$\pi/4$DQPSK</p>	<p style="text-align: center;">Date: 10 MAY 2021 14:26:40</p>
<p style="text-align: center;">8DPSK</p>	<p style="text-align: center;">Date: 10 MAY 2021 14:55:16</p>

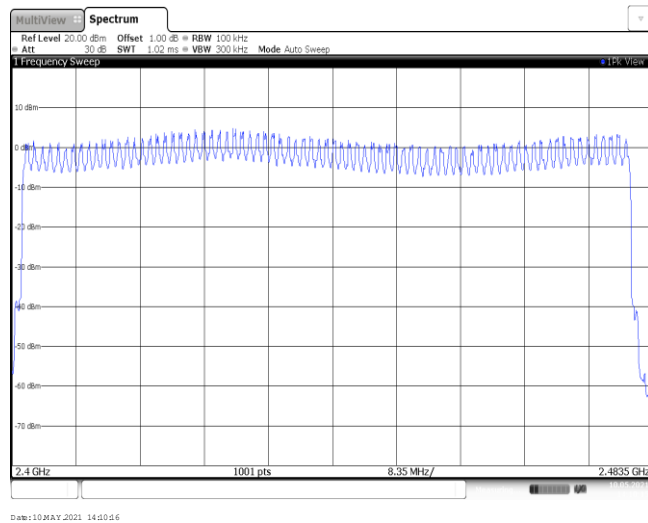
Appendix E: Hopping Channel Number

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

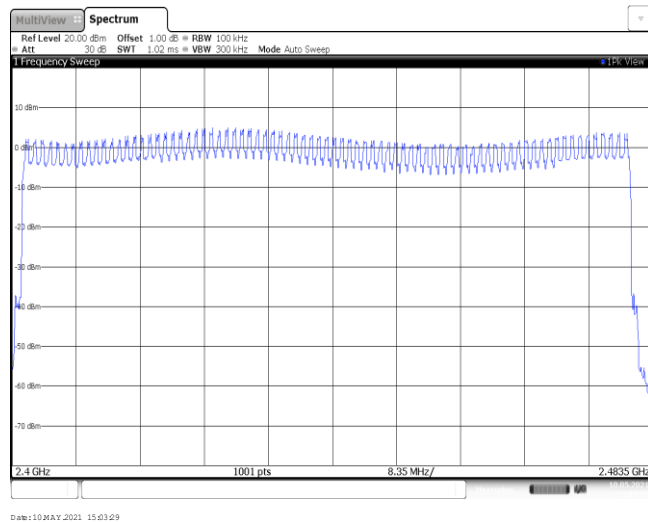
GFSK



$\pi/4$ DQPSK



8DPSK

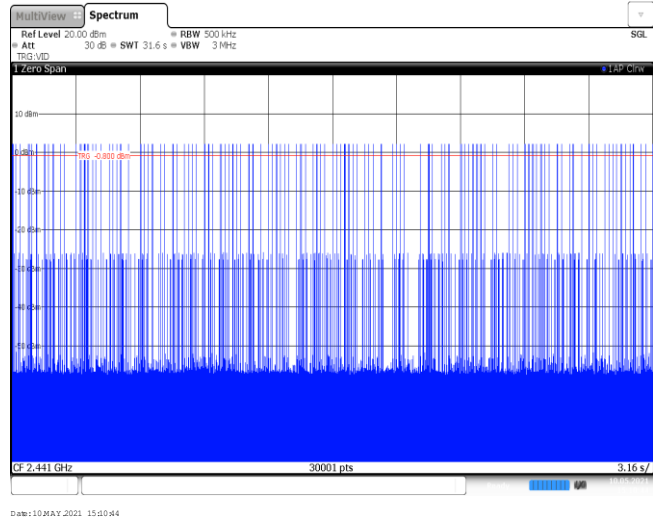


Appendix F: Dwell Time

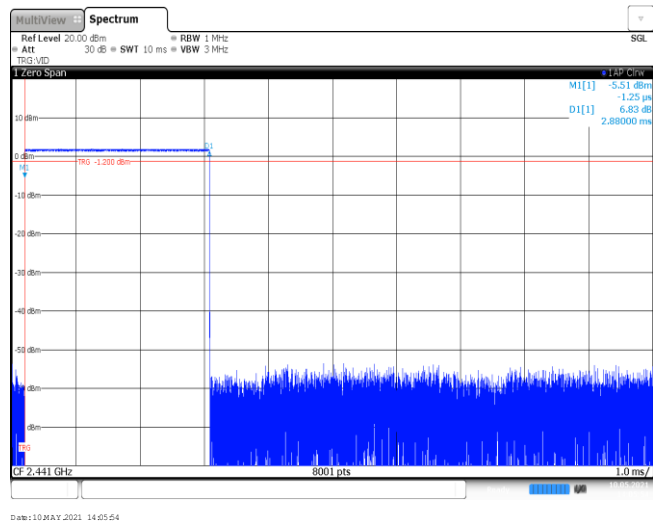
Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.38	315	0.12	≤ 0.40	Pass
	DH3	1.63	159	0.26		
	DH5	2.88	110	0.32		
π/4DQPSK	2DH1	0.39	315	0.12	≤ 0.40	Pass
	2DH3	1.64	160	0.26		
	2DH5	2.88	103	0.30		
8DPSK	3DH1	0.38	315	0.12	≤ 0.40	Pass
	3DH3	1.64	159	0.26		
	3DH5	2.89	103	0.30		

Modulation Type: GFSK	
DH1 Burst width	<p>Ref Level 20.00 dBm Att 30 dB SWT 10 ms RBW 1 MHz VBW 3 MHz</p> <p>M[1] -5.85 dBm -1.25 μs D1[1] 7.82 dB 376.25 μs</p> <p>CF 2.441 GHz 8001 pts 1.0 ms/</p> <p>Date: 10 MAY 2021 15:08:53</p>
DH1 Burst number	<p>Ref Level 20.00 dBm Att 30 dB SWT 31.6 s RBW 500 kHz VBW 3 MHz</p> <p>CF 2.441 GHz 30001 pts 3.16 s/</p> <p>Date: 10 MAY 2021 15:09:33</p>
DH3 Burst width	<p>Ref Level 20.00 dBm Att 30 dB SWT 10 ms RBW 1 MHz VBW 3 MHz</p> <p>M[1] -10.83 dBm -1.25 μs D1[1] 12.49 dB 1.63250 ms</p> <p>CF 2.441 GHz 8001 pts 1.0 ms/</p> <p>Date: 10 MAY 2021 15:10:44</p>

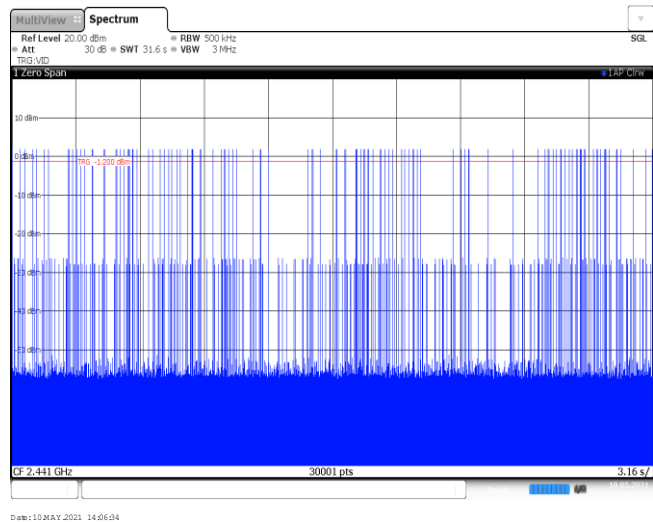
DH3
Burst number



DH5
Burst width

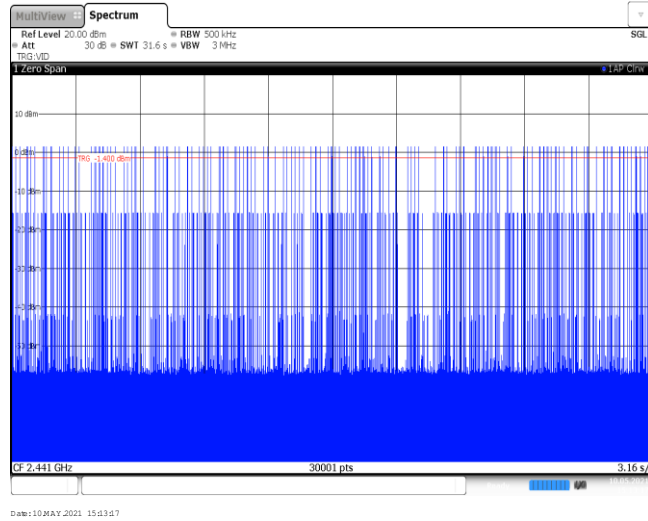


DH5
Burst number

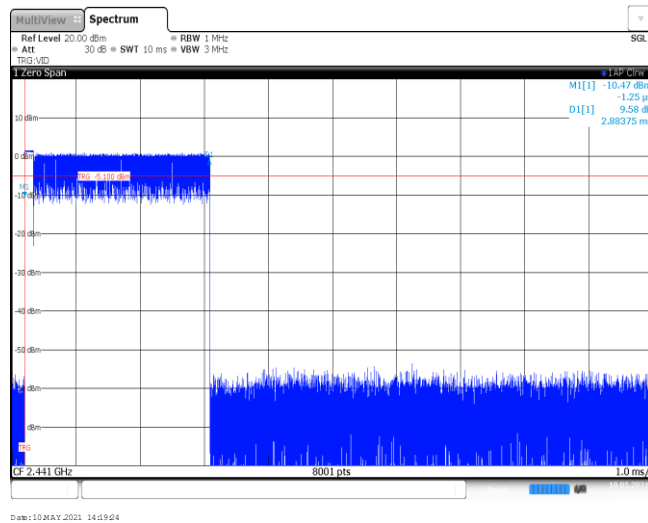


Modulation Type: $\pi/4$ DQPSK	
2DH1 Burst width	<p>Ref Level 20.00 dBm, Att 30 dB, SWT 10 ms, RBW 1 MHz, VBW 3 MHz</p> <p>M[1] -19.70 dBm, -2.50 μs D[1] 18.66 dB, 385.00 μs</p> <p>CF 2.441 GHz, 8001 pts, 1.0 ms/</p> <p>Date: 10 MAY 2021 15:41:24</p>
2DH1 Burst number	<p>Ref Level 20.00 dBm, Att 30 dB, SWT 31.6 s, RBW 500 kHz, VBW 3 MHz</p> <p>CF 2.441 GHz, 30001 pts, 3.16 s/</p> <p>Date: 10 MAY 2021 15:42:04</p>
2DH3 Burst width	<p>Ref Level 20.00 dBm, Att 30 dB, SWT 10 ms, RBW 1 MHz, VBW 3 MHz</p> <p>M[1] -4.52 dBm, -1.25 μs D[1] 3.53 dB, 1.63500 ms</p> <p>CF 2.441 GHz, 8001 pts, 1.0 ms/</p> <p>Date: 10 MAY 2021 15:42:47</p>

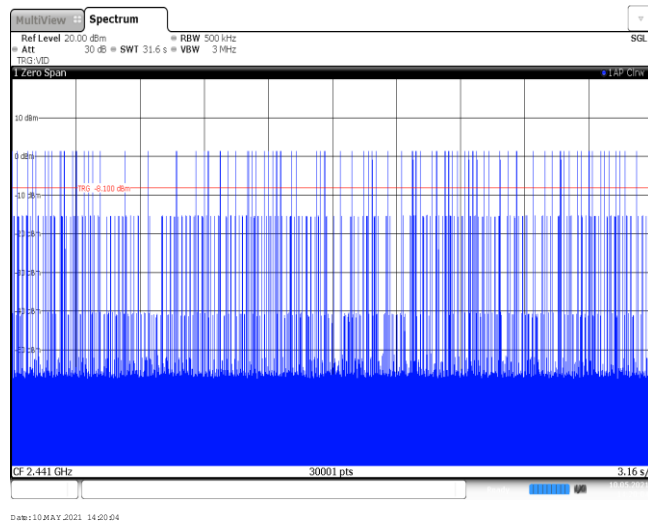
2DH3
Burst number



2DH5
Burst width

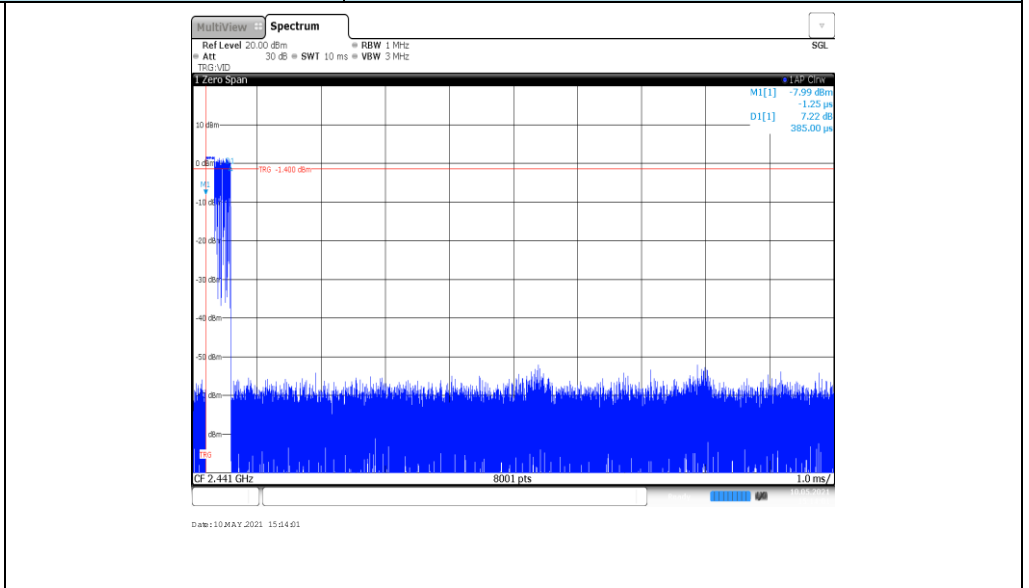


2DH5
Burst number

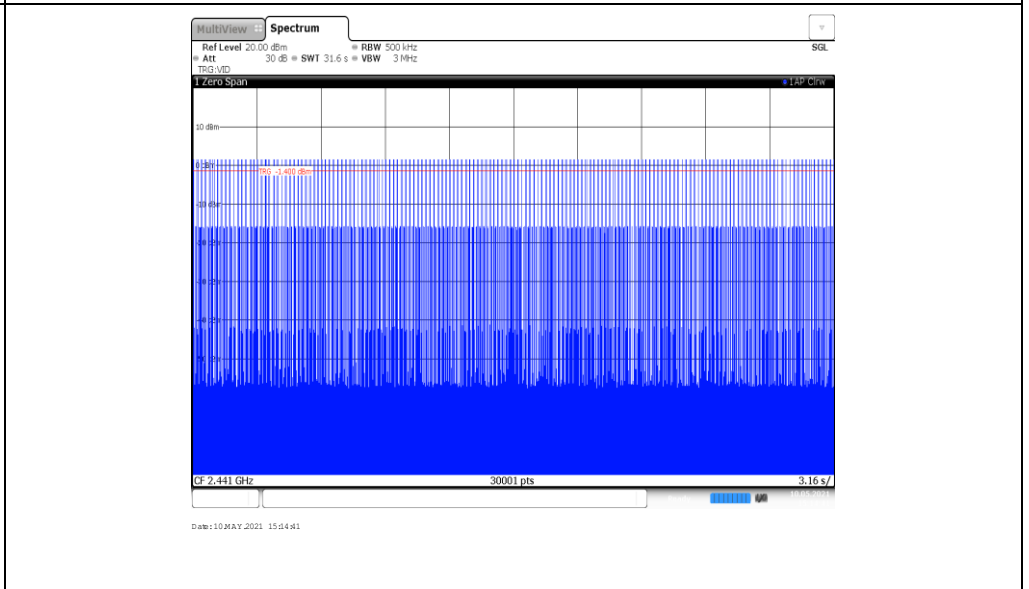


Modulation Type: 8DPSK

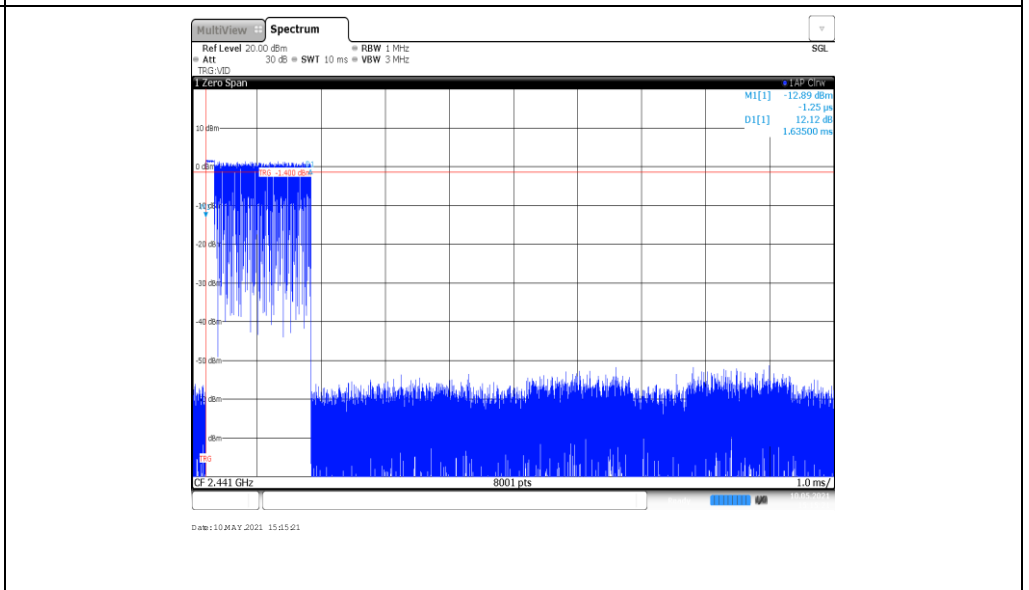
3DH1
Burst width



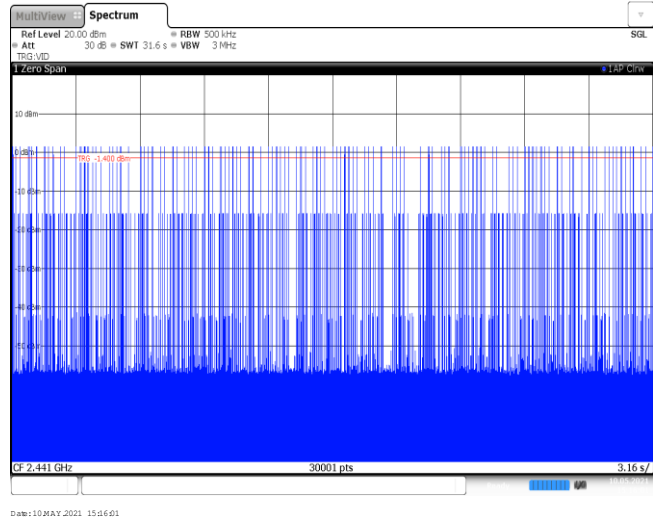
3DH1
Burst number



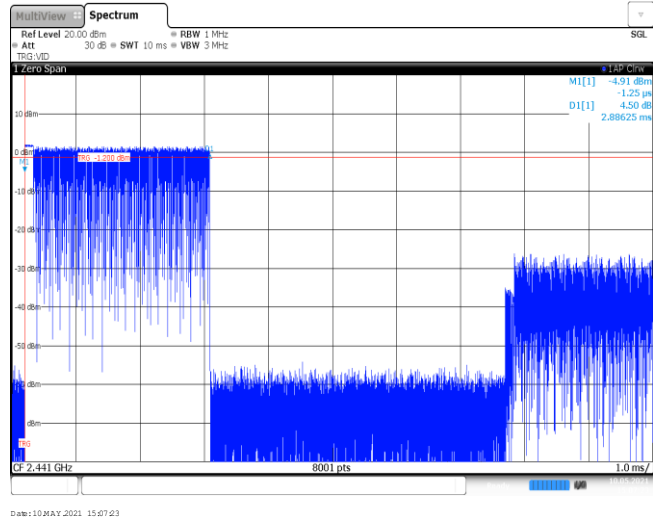
3DH3
Burst width



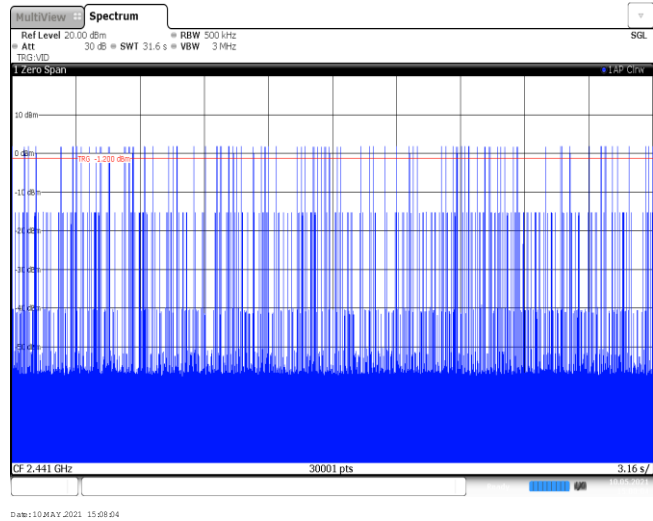
3DH3
Burst number



3DH5
Burst width



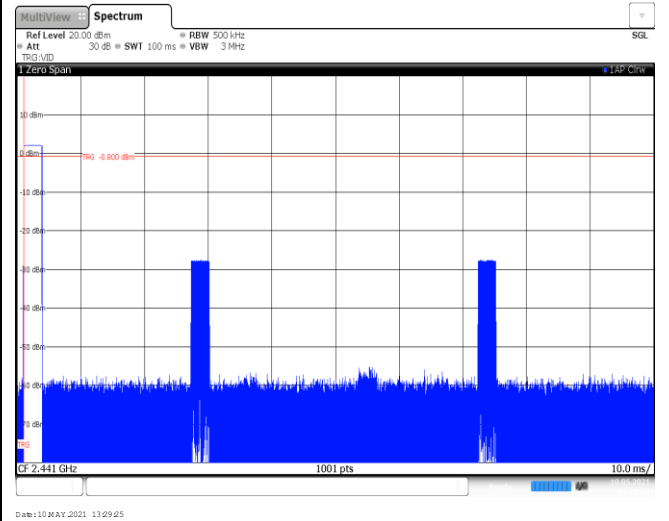
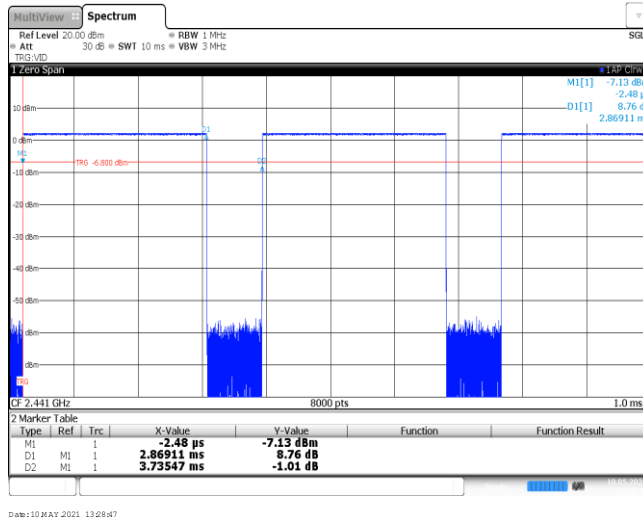
3DH5
Burst number



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	3	-21.30
$\pi/4$ DQPSK	2441	2.87	100	2	-24.82
8DPSK	2441	2.88	100	2	-24.79

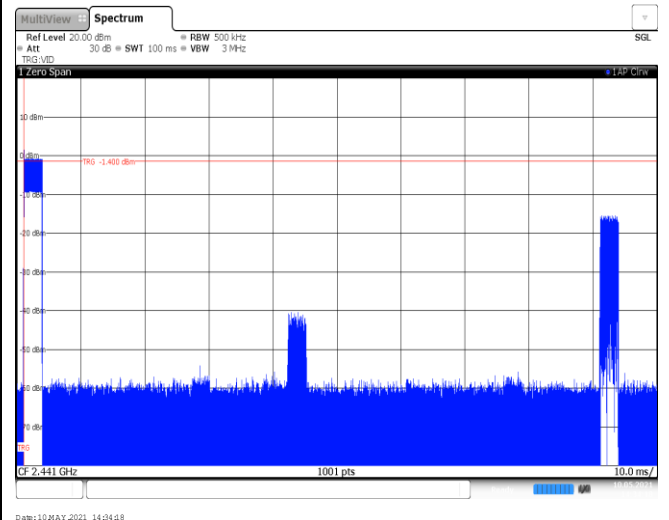
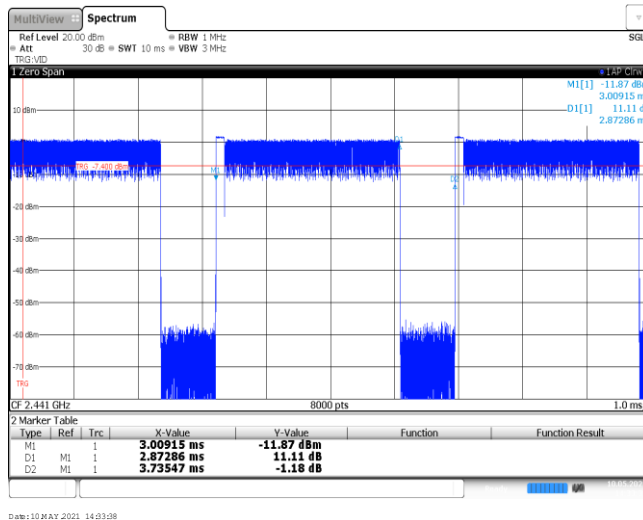
GFSK



Ton time for single burst

Burst Quantity

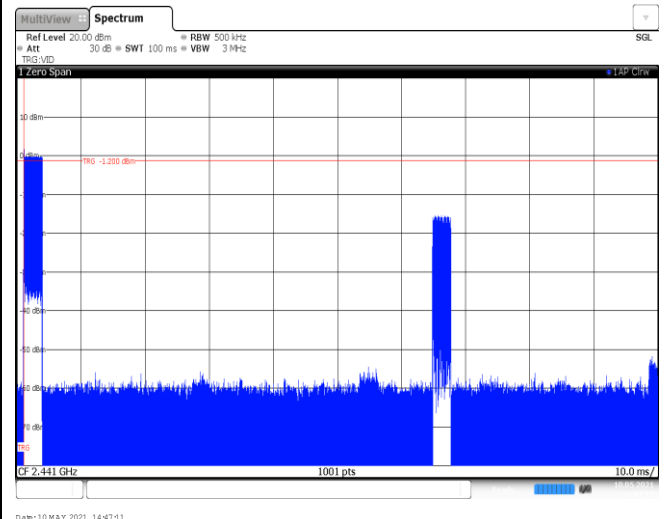
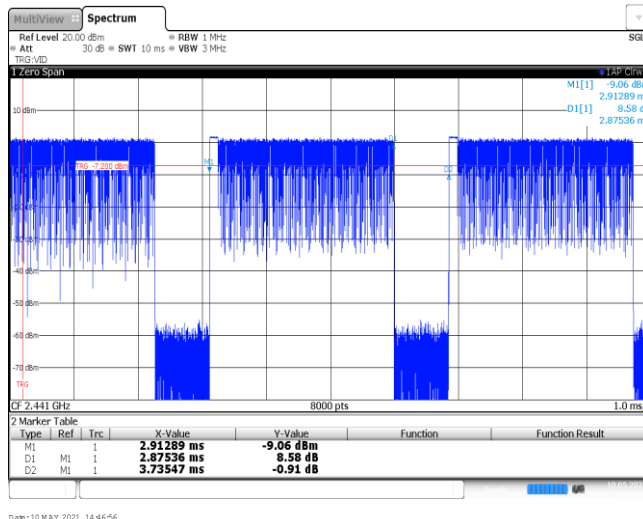
$\pi/4$ DQPSK



Ton time for single burst

Burst Quantity

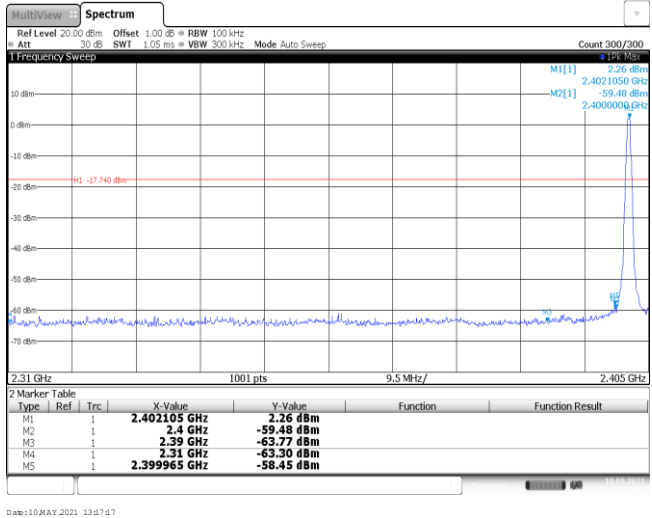
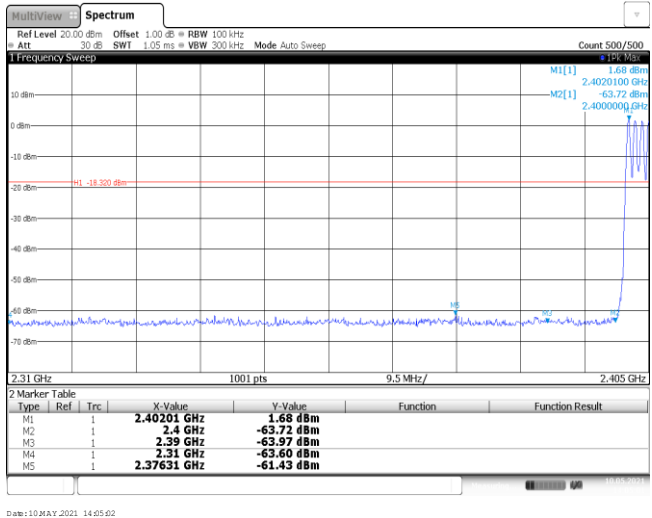
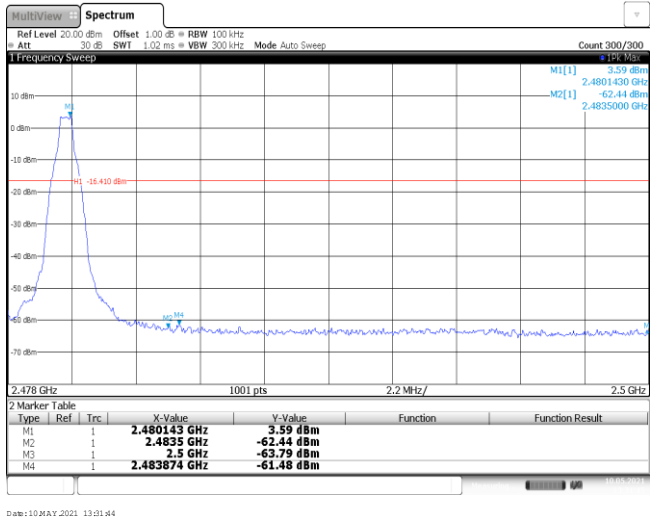
8DPSK



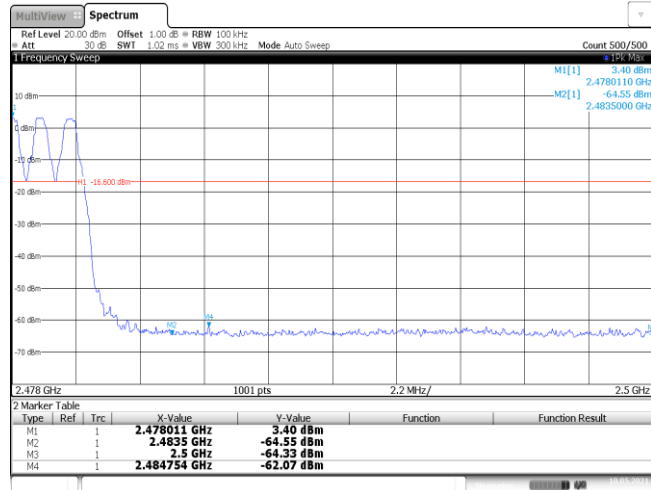
Ton time for single burst

Burst Quantity

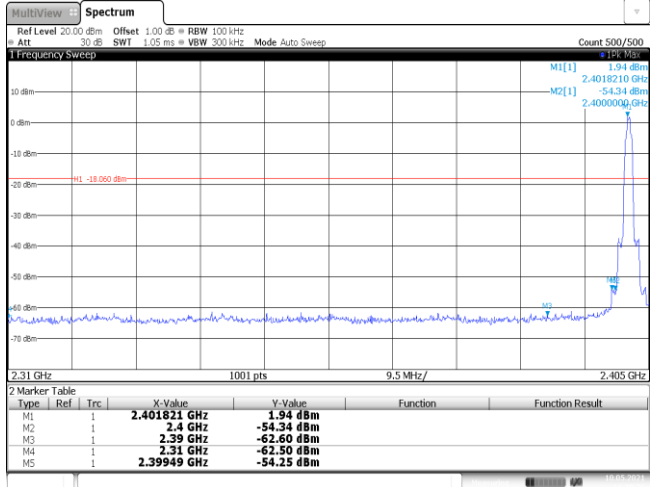
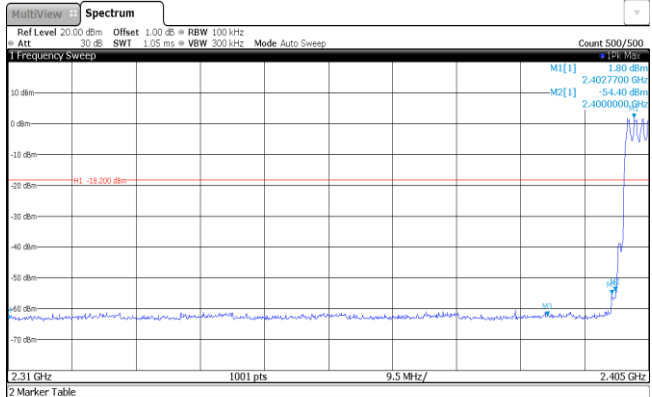
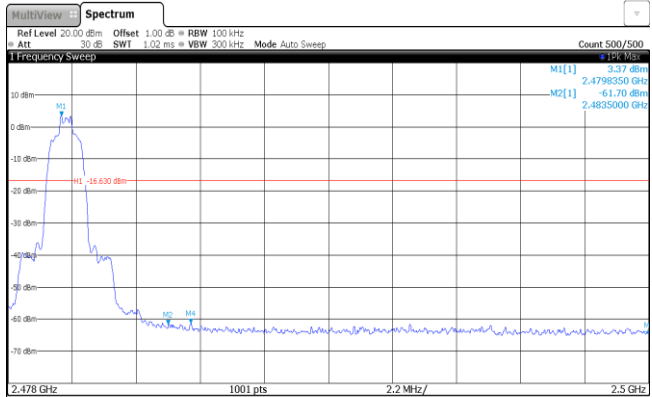
Appendix H: Band edge and Spurious Emissions (conducted)

Test Item:	Band edge	Modulation type:	GFSK																																										
<p>CH00 No hopping mode</p>	 <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>2.26 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-59.48 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.77 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.30 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399965 GHz</td> <td>-58.45 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 10 MAY 2021 13:47:17</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	2.26 dBm			M2	1		2.4 GHz	-59.48 dBm			M3	1		2.39 GHz	-63.77 dBm			M4	1		2.31 GHz	-63.30 dBm			M5	1		2.399965 GHz	-58.45 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.402105 GHz	2.26 dBm																																									
M2	1		2.4 GHz	-59.48 dBm																																									
M3	1		2.39 GHz	-63.77 dBm																																									
M4	1		2.31 GHz	-63.30 dBm																																									
M5	1		2.399965 GHz	-58.45 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>2.40201 GHz</td> <td>1.68 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-63.72 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.97 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.60 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.37631 GHz</td> <td>-61.43 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 10 MAY 2021 14:05:02</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40201 GHz	1.68 dBm			M2	1		2.4 GHz	-63.72 dBm			M3	1		2.39 GHz	-63.97 dBm			M4	1		2.31 GHz	-63.60 dBm			M5	1		2.37631 GHz	-61.43 dBm		
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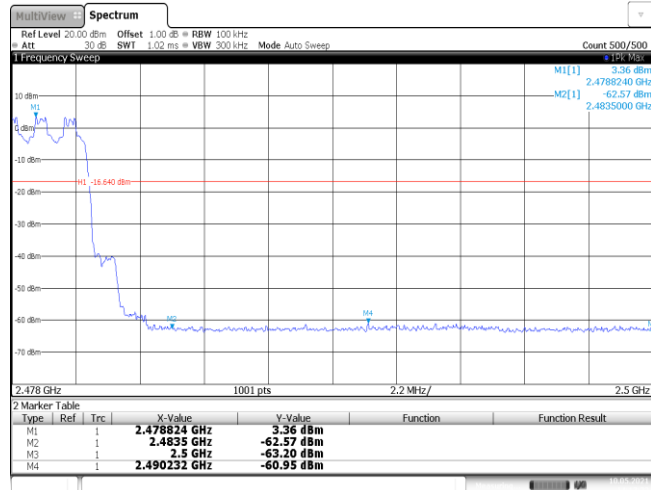
CH78
Hopping mode



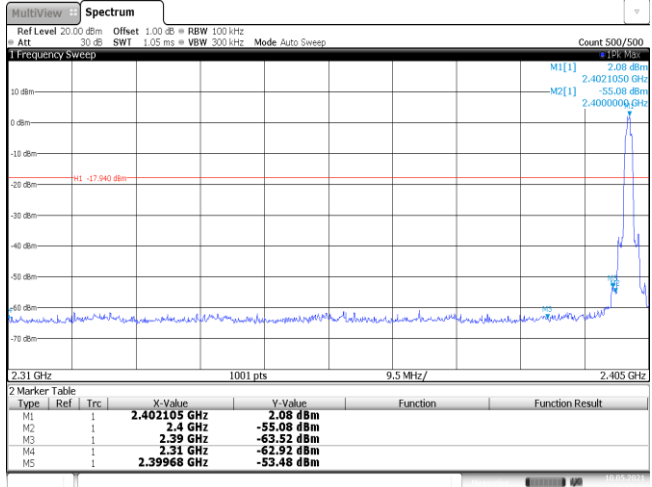
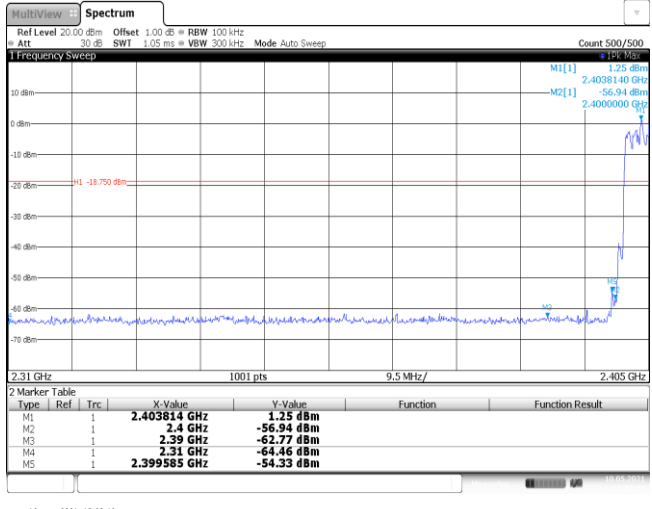
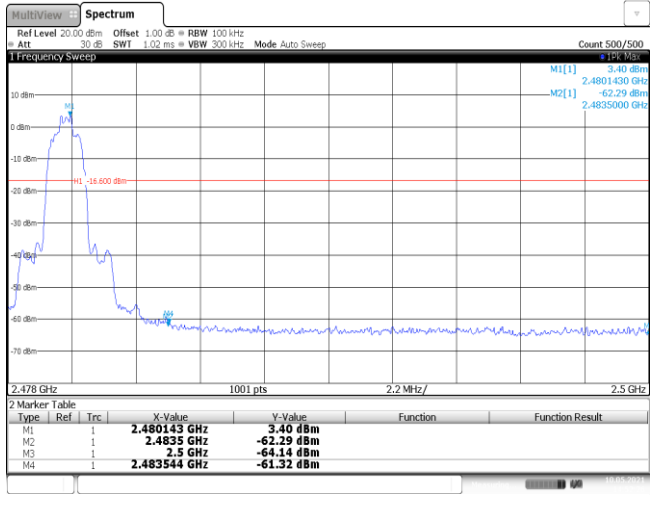
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Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
<p>CH00 No hopping mode</p>	 <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.401821 GHz</td> <td>1.94 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-54.34 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-62.60 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-62.50 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.39949 GHz</td> <td>-54.25 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 10 MAY 2021 14:30:26</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.401821 GHz	1.94 dBm			M2	1		2.4 GHz	-54.34 dBm			M3	1		2.39 GHz	-62.60 dBm			M4	1		2.31 GHz	-62.50 dBm			M5	1		2.39949 GHz	-54.25 dBm		
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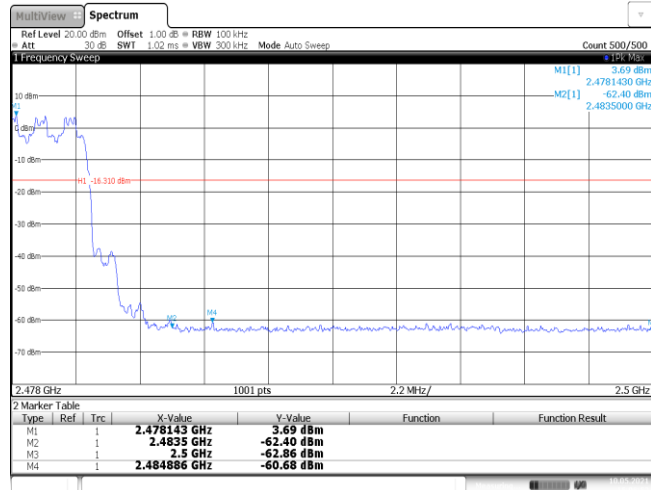
CH78
Hopping mode



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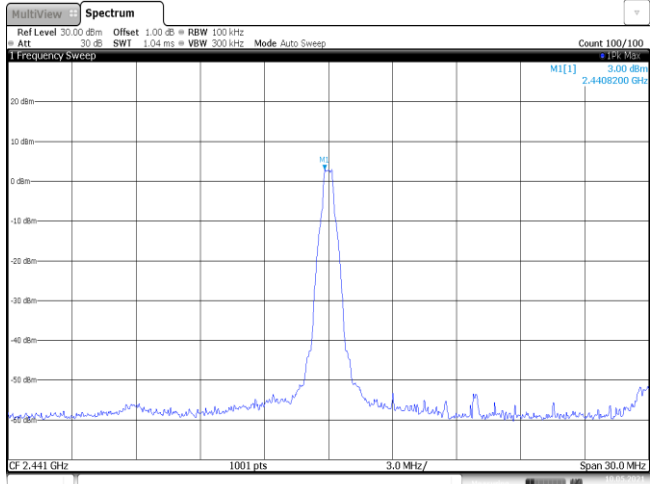
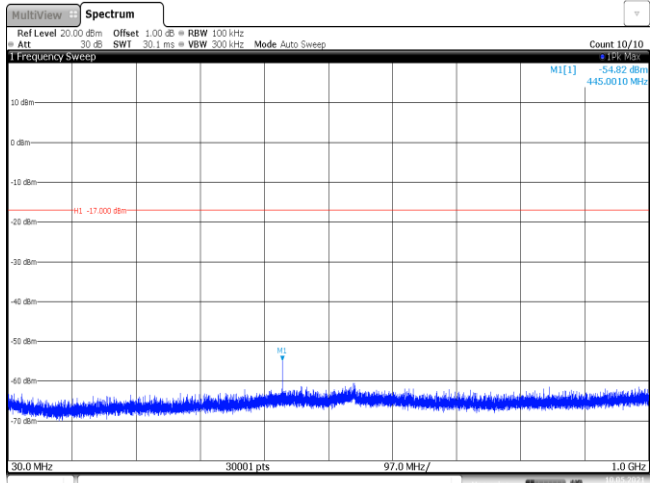
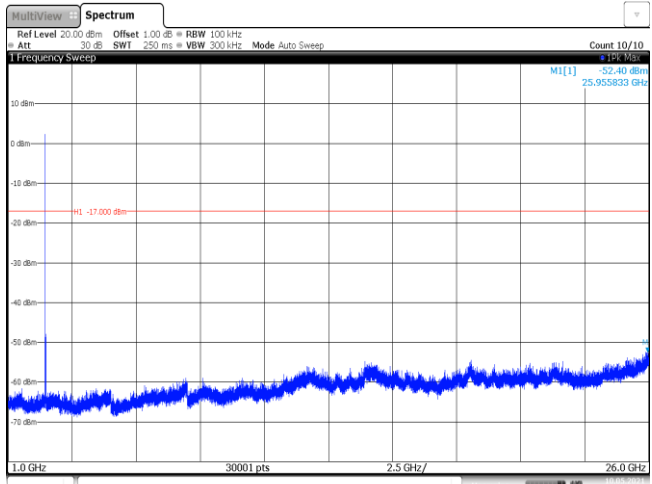
Test Item:	Band edge	Modulation type:	8DPSK																																										
<p>CH00 No hopping mode</p>	 <p>2 Marker Table</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.402105 GHz</td> <td>2.08 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-55.08 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.52 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-62.92 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.39968 GHz</td> <td>-53.48 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 10 MAY 2021 14:42:47</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	2.08 dBm			M2	1		2.4 GHz	-55.08 dBm			M3	1		2.39 GHz	-63.52 dBm			M4	1		2.31 GHz	-62.92 dBm			M5	1		2.39968 GHz	-53.48 dBm		
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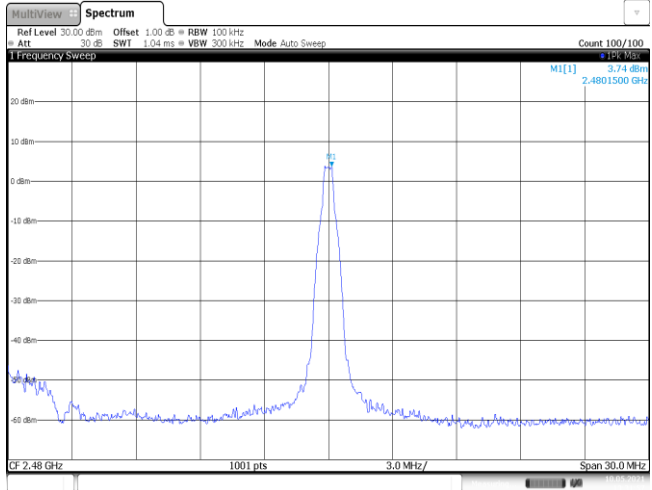
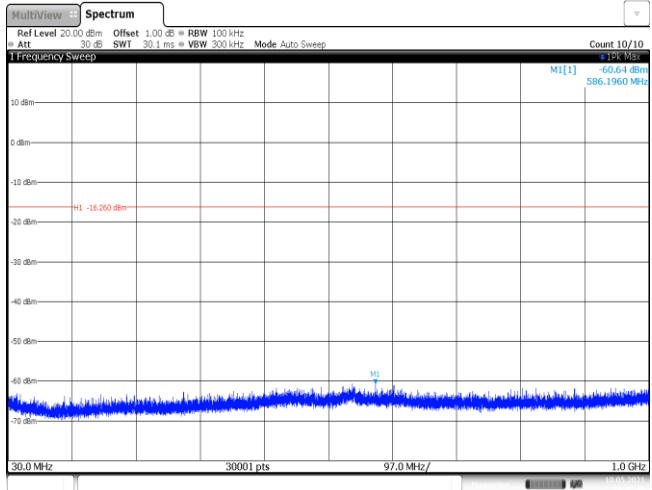
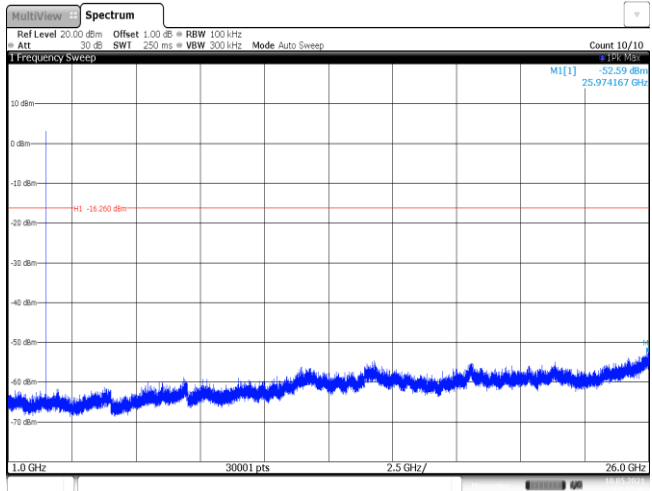
CH78
Hoppig mode

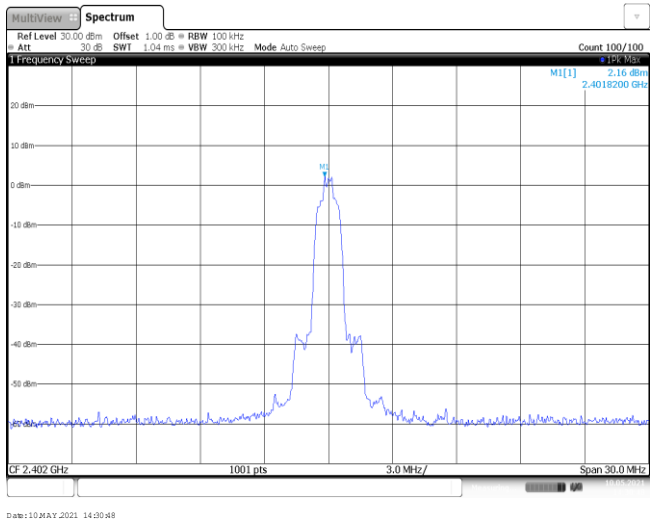
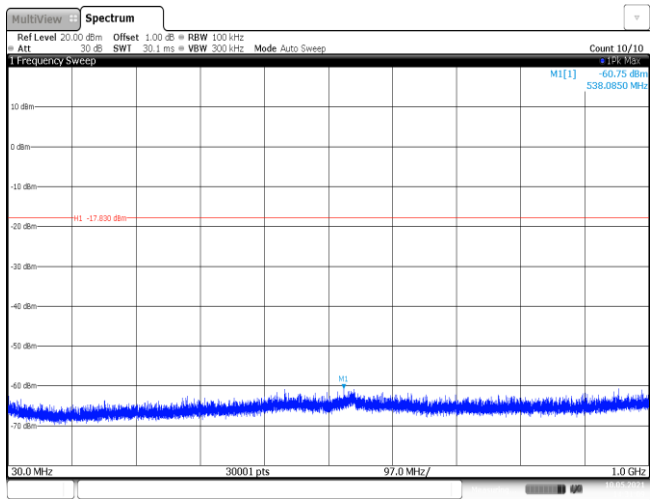
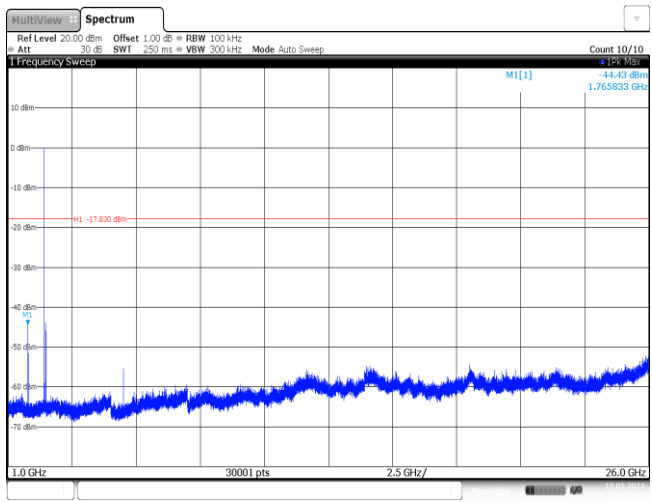


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Test Item:	Spurious Emission	Modulation type:	GFSK
<p>CH00 Reference level</p>	<p>MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 Frequency Sweep M1[1] 2.58 dBm 2.4021500 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 10 MAY 2021 13:17:57</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 M1[1] -60.58 dBm 552.6990 MHz H1 -17.600 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 10 MAY 2021 13:18:19</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 M1[1] -51.55 dBm 25.861667 GHz H1 -17.600 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 10 MAY 2021 13:18:41</p>		

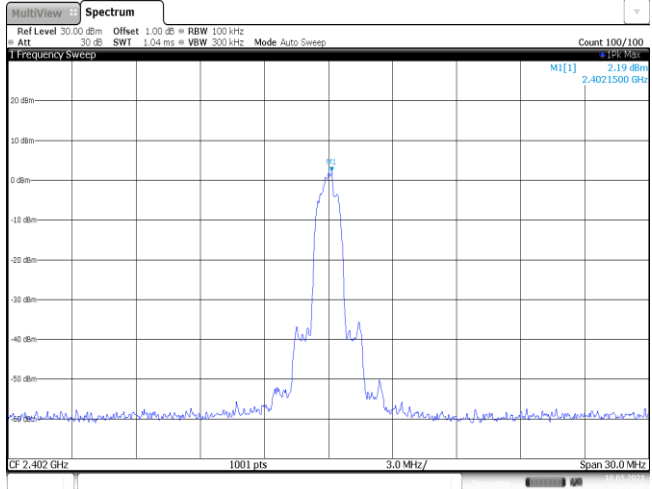
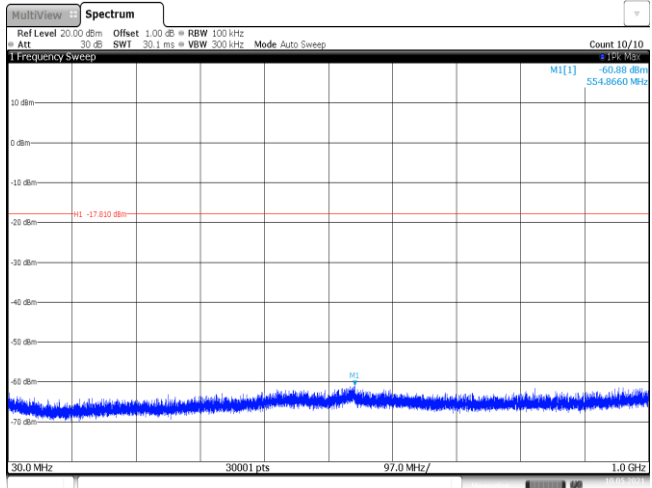
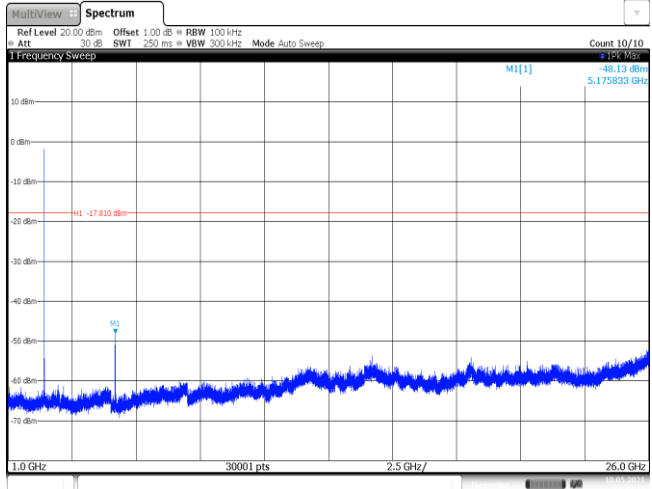
<p>CH39 Reference level</p>	 <p>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att -30 dB SWF 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 MI[1] 3.00 dBm 2.4406200 GHz CF 2.441 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 10 MAY 2021 13:27:52</p>
<p>CH39 30MHz~1000MHz</p>	 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att -30 dB SWF 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -54.82 dBm 445.0010 MHz MI -17.000 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 10 MAY 2021 13:27:53</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 MI[1] -52.40 dBm 25.955833 GHz MI -17.000 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 10 MAY 2021 13:28:15</p>

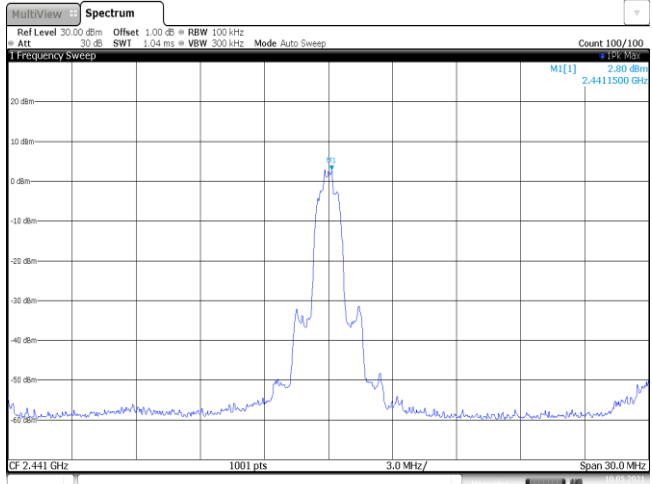
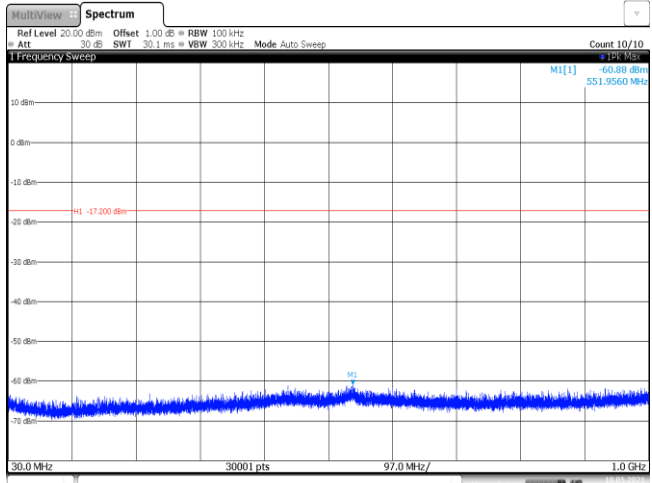
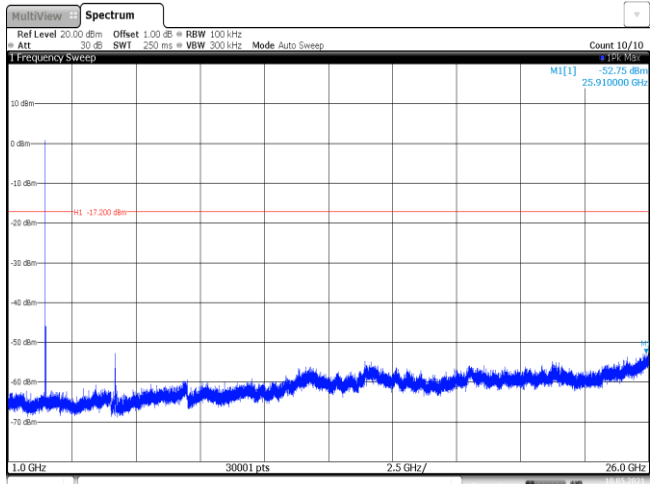
<p>CH78 Reference level</p>	 <p>MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att -30 dB SWT 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MI[1] 3.74 dBm 2.4801500 GHz CF 2.48 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 10 MAY 2021 13:01:57</p>
<p>CH78 30MHz~1000MHz</p>	 <p>MultiView Spectrum 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 1 Frequency Sweep MI[1] -60.64 dBm 586.1960 MHz H1 -16.200 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 10 MAY 2021 13:02:18</p>
<p>CH78 1GHz~26GHz</p>	 <p>MultiView Spectrum 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 1 Frequency Sweep MI[1] -52.59 dBm 25.974167 GHz H1 -16.200 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 10 MAY 2021 13:02:40</p>

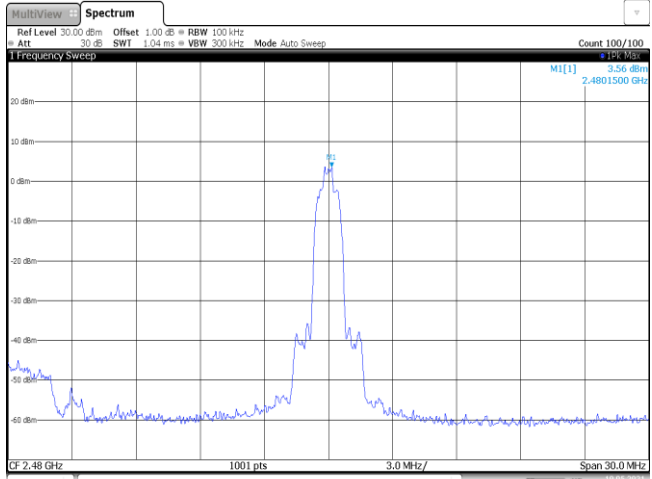
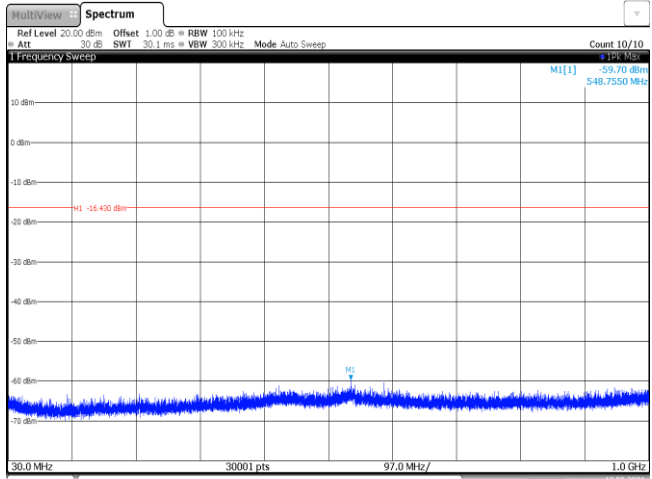
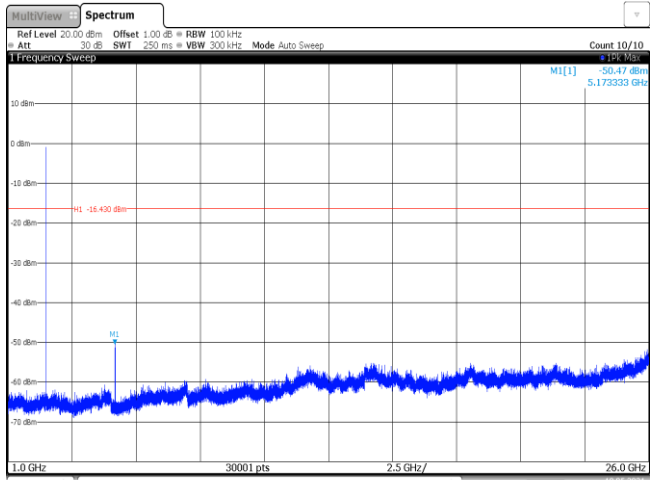
Test Item:	Spurious Emission	Modulation type:	π/4DQPSK
<p>CH00 Reference level</p>			
<p>CH00 30MHz~1000MHz</p>			
<p>CH00 1GHz~26GHz</p>			

<p>CH39 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] 2.77 dBm 2.4408200 GHz CF 2.441 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 10 MAY 2021 14:05:26</p>
<p>CH39 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] -47.56 dBm 445.0010 MHz 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 10 MAY 2021 14:35:48</p>
<p>CH39 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] -52.12 dBm 25.935000 GHz 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 10 MAY 2021 14:06:10</p>

<p>CH78 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] 3.58 dBm 2.4796200 GHz</p> <p>CF 2.48 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz</p> <p>Date: 10 MAY 2021 14:40:23</p>
<p>CH78 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] -48.68 dBm 445.0010 MHz</p> <p>MI -16.400 dBm</p> <p>30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz</p> <p>Date: 10 MAY 2021 14:40:23</p>
<p>CH78 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] -49.58 dBm 5.187500 GHz</p> <p>MI -16.400 dBm</p> <p>1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz</p> <p>Date: 10 MAY 2021 14:40:47</p>

Test Item:	Spurious Emission	Modulation type:	8DPSK
<p>CH00 Reference level</p>			
<p>CH00 30MHz~1000MHz</p>			
<p>CH00 1GHz~26GHz</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 MI[1] 2.80 dBm 2.441500 GHz CF 2.441 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 10 MAY 2021 14:49:09</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 MI[1] -60.88 dBm 551.9560 MHz H1 -17.200 dBm M1 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 10 MAY 2021 14:49:01</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 MI[1] -52.75 dBm 25.910000 GHz H1 -17.200 dBm M1 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 10 MAY 2021 14:49:53</p>

<p>CH78 Reference level</p>	 <p>The plot shows a single sharp peak at 2.48 GHz. The y-axis ranges from -60 dBm to 20 dBm. The x-axis is centered at 2.48 GHz with a 3.0 MHz span. A measurement point M1[1] is marked at 3.56 dBm at 2.4801500 GHz.</p>
<p>CH78 30MHz~1000MHz</p>	 <p>The plot shows a wideband noise floor. The y-axis ranges from -70 dBm to 10 dBm. The x-axis spans from 30.0 MHz to 1.0 GHz. A measurement point M1[1] is marked at -59.70 dBm at 548.7550 MHz. A red horizontal line is drawn at -16.430 dBm.</p>
<p>CH78 1GHz~26GHz</p>	 <p>The plot shows a wideband noise floor. The y-axis ranges from -70 dBm to 10 dBm. The x-axis spans from 1.0 GHz to 26.0 GHz. A measurement point M1[1] is marked at -50.47 dBm at 5.173333 GHz. A red horizontal line is drawn at -16.430 dBm.</p>

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