

APPENDIX REPORT

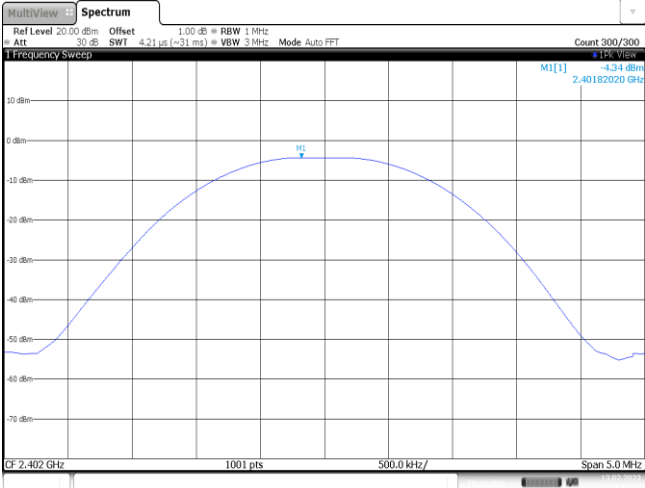
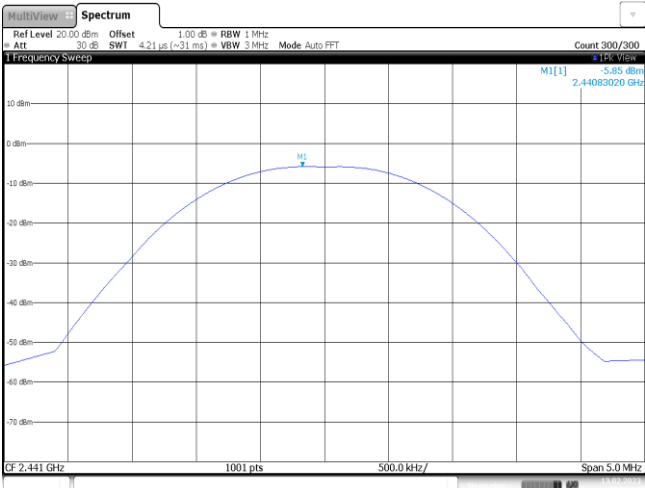
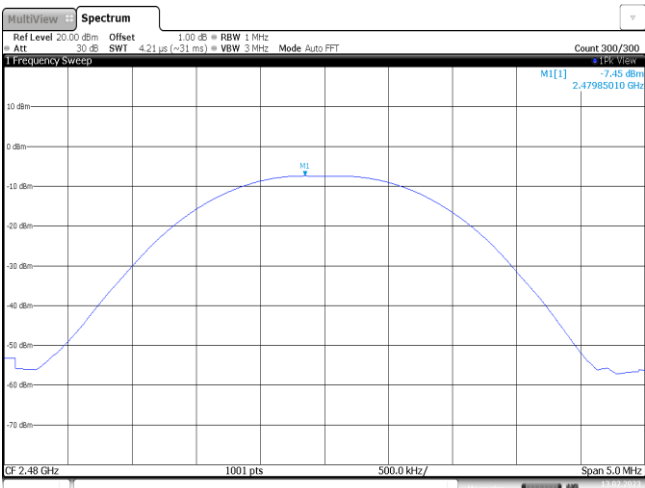
Project No.	SHT2301033101EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT23010331002	Model No.	PRM-USTB
Start test date	2023-02-13	Finish date	2023-02-14
Temperature	23.7℃	Humidity	59%
Test Engineer	Xiaoxiao Li	Auditor	Xiaodong Zheo

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	-4.34	-4.39	≤ 30.00	Pass
	39	-5.85	-5.88		
	78	-7.45	-7.51		
$\pi/4$ DQPSK	00	-1.98	-2.81	≤ 21.00	Pass
	39	-3.62	-4.14		
	78	-5.04	-5.58		
8DPSK	00	-1.30	-2.23	≤ 21.00	Pass
	39	-3.42	-4.69		
	78	-4.43	-5.45		

-

Modulation Type:	GFSK
CH00	 13.FEB.2023 13:47:39
CH39	 13.FEB.2023 13:54:32
CH78	 13.FEB.2023 13:56:48

Modulation Type: $\pi/4$ DQPSK	
CH00	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz Att 30 dB SWT 1.01 ms VBW 5 MHz Mode Auto Sweep Count 500/500 1 Freq Sweep M1[1] -1.98 dBm 2.40190010 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.402 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date:13.FEB.2023 13:58:47
CH39	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz Att 30 dB SWT 1.01 ms VBW 5 MHz Mode Auto Sweep Count 500/500 1 Freq Sweep M1[1] -3.62 dBm 2.44089010 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.441 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date:13.FEB.2023 14:05:09
CH78	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz Att 30 dB SWT 1.01 ms VBW 5 MHz Mode Auto Sweep Count 500/500 1 Freq Sweep M1[1] -5.04 dBm 2.47985010 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.48 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date:13.FEB.2023 14:07:24

Modulation Type:8DPSK	
CH00	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz Att 30 dB SWT 1.01 ms VBW 5 MHz Mode Auto Sweep Count 500/500 1 Frequency Sweep M1[1] -1.30 dBm 2.40197000 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.402 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date:13.FEB.2023 14:29:20
CH39	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz Att 30 dB SWT 1.01 ms VBW 5 MHz Mode Auto Sweep Count 500/500 1 Frequency Sweep M1[1] -3.42 dBm 2.44098000 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.441 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date:13.FEB.2023 14:41:50
CH78	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz Att 30 dB SWT 1.01 ms VBW 5 MHz Mode Auto Sweep Count 500/500 1 Frequency Sweep M1[1] -4.43 dBm 2.48003000 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.48 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date:13.FEB.2023 14:46:15

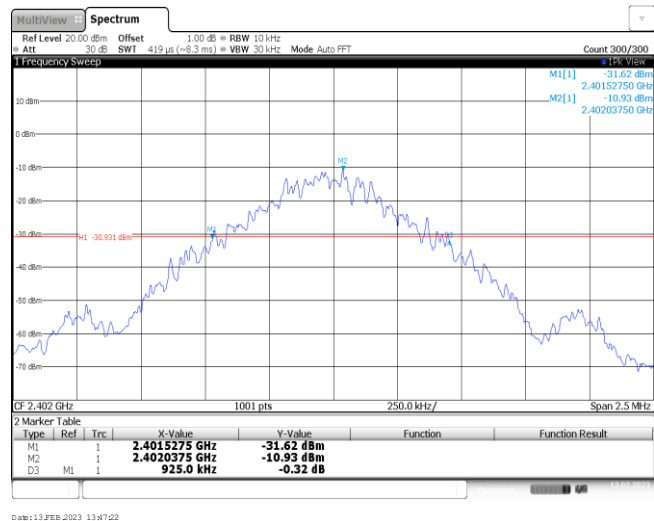
Appendix B : 20 dB Bandwidth

Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	925.00	-	Pass
	39	925.00		
	78	925.00		
$\pi/4$ DQPSK	00	1330.00	-	Pass
	39	1330.00		
	78	1332.50		
8DPSK	00	1307.50	-	Pass
	39	1310.00		
	78	1310.00		

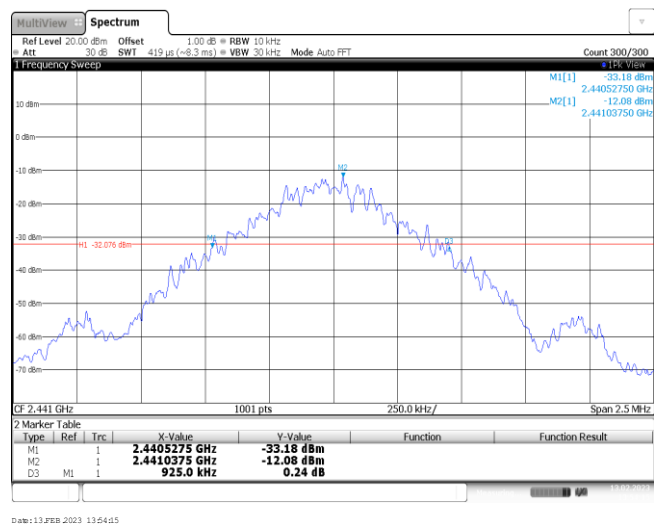
Modulation Type:

GFSK

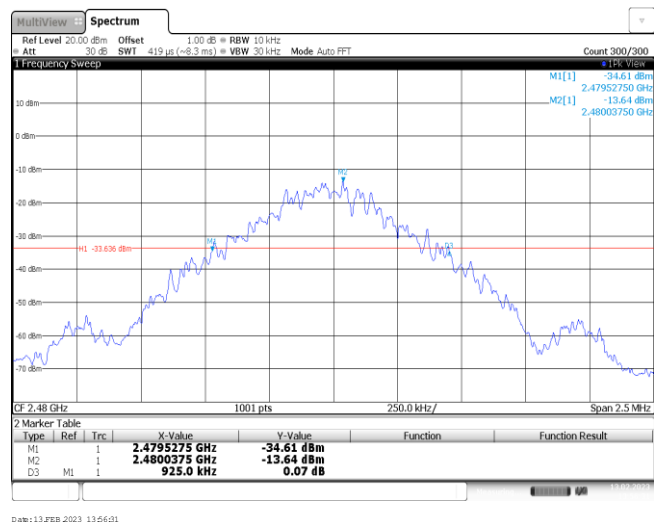
CH00



CH39



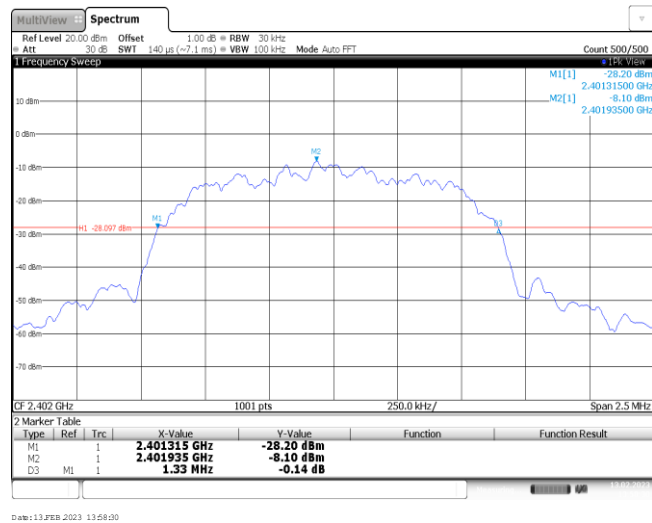
CH78



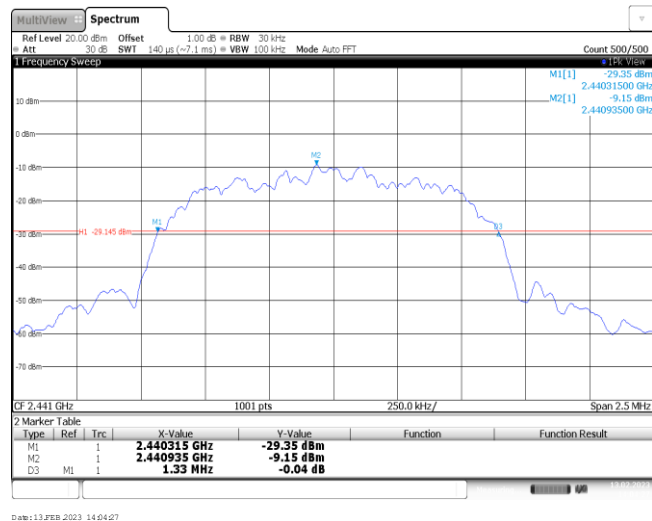
Modulation Type:

 $\pi/4$ DQPSK

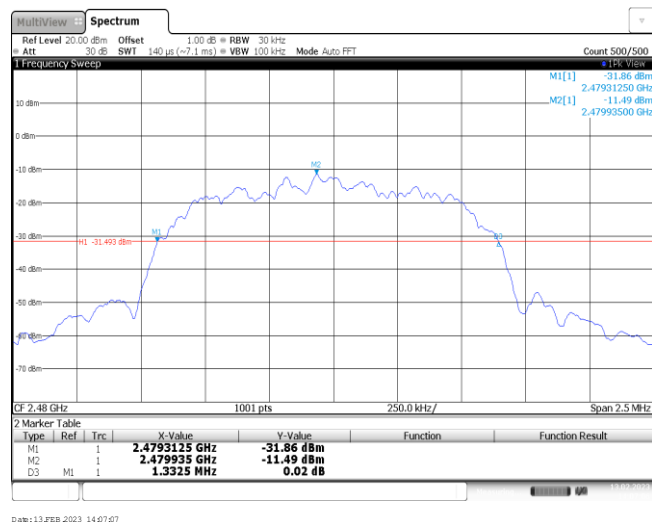
CH00



CH39



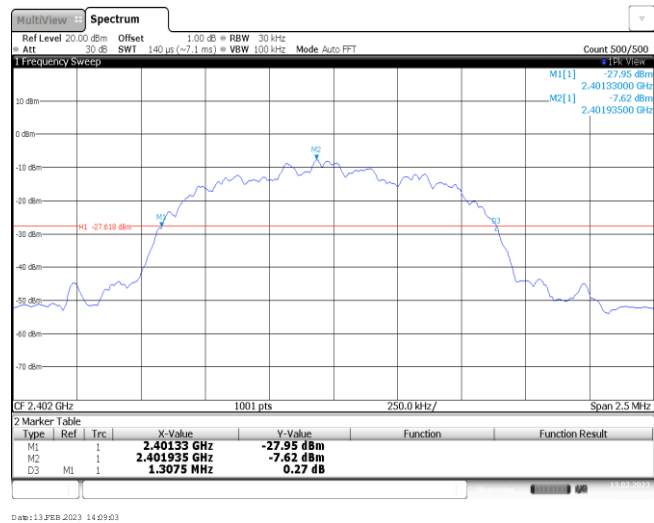
CH78



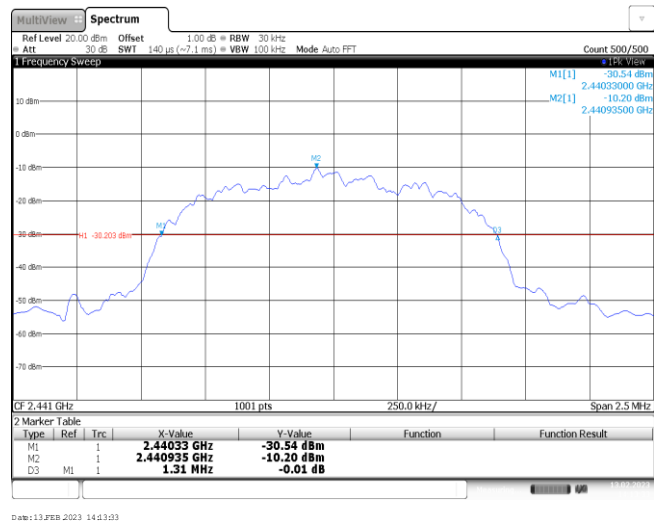
Modulation Type:

8DPSK

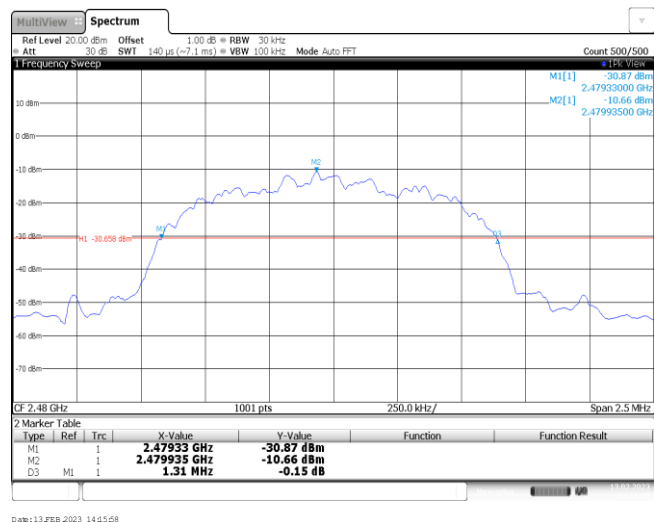
CH00



CH39



CH78



Appendix C: 99% Occupied Bandwidth

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.84	-	Pass
	39	0.84		
	78	0.84		
$\pi/4$ DQPSK	00	1.17	-	Pass
	39	1.17		
	78	1.17		
8DPSK	00	1.17	-	Pass
	39	1.17		
	78	1.17		

Modulation Type:

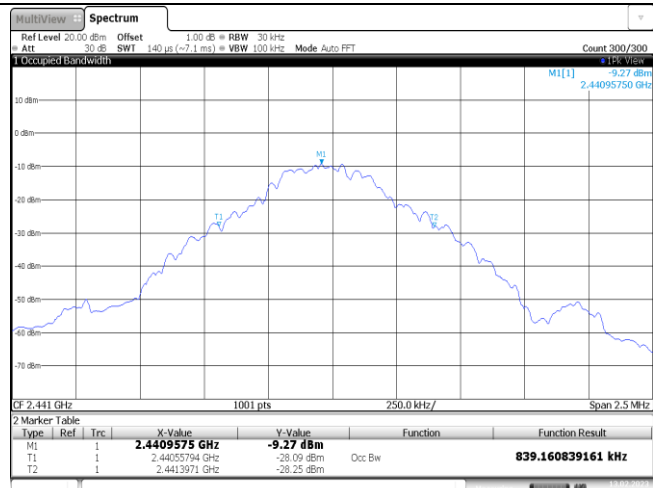
GFSK

CH00



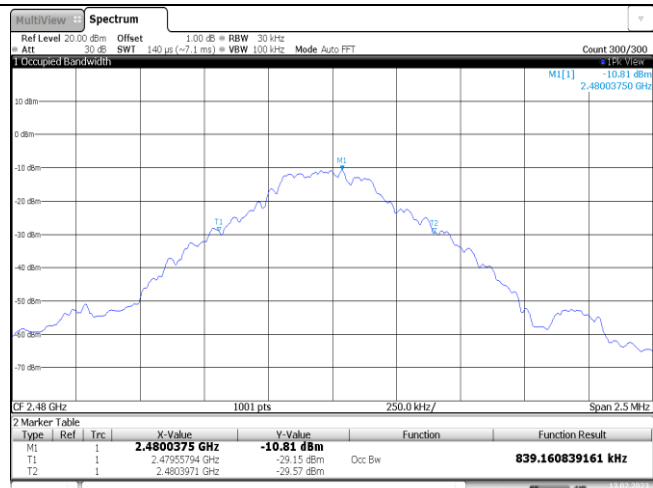
Date:13.FEB.2023 13:47:30

CH39

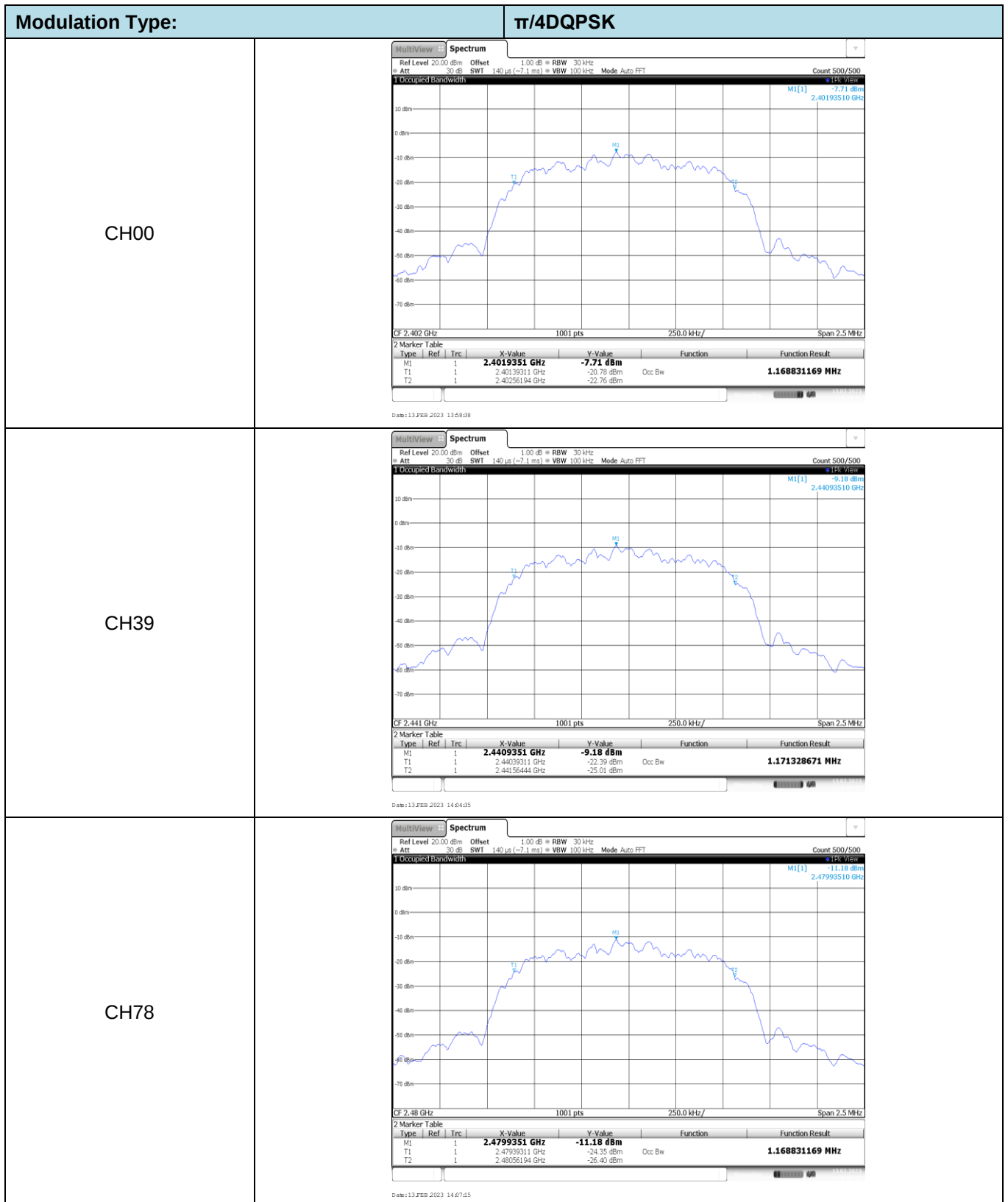


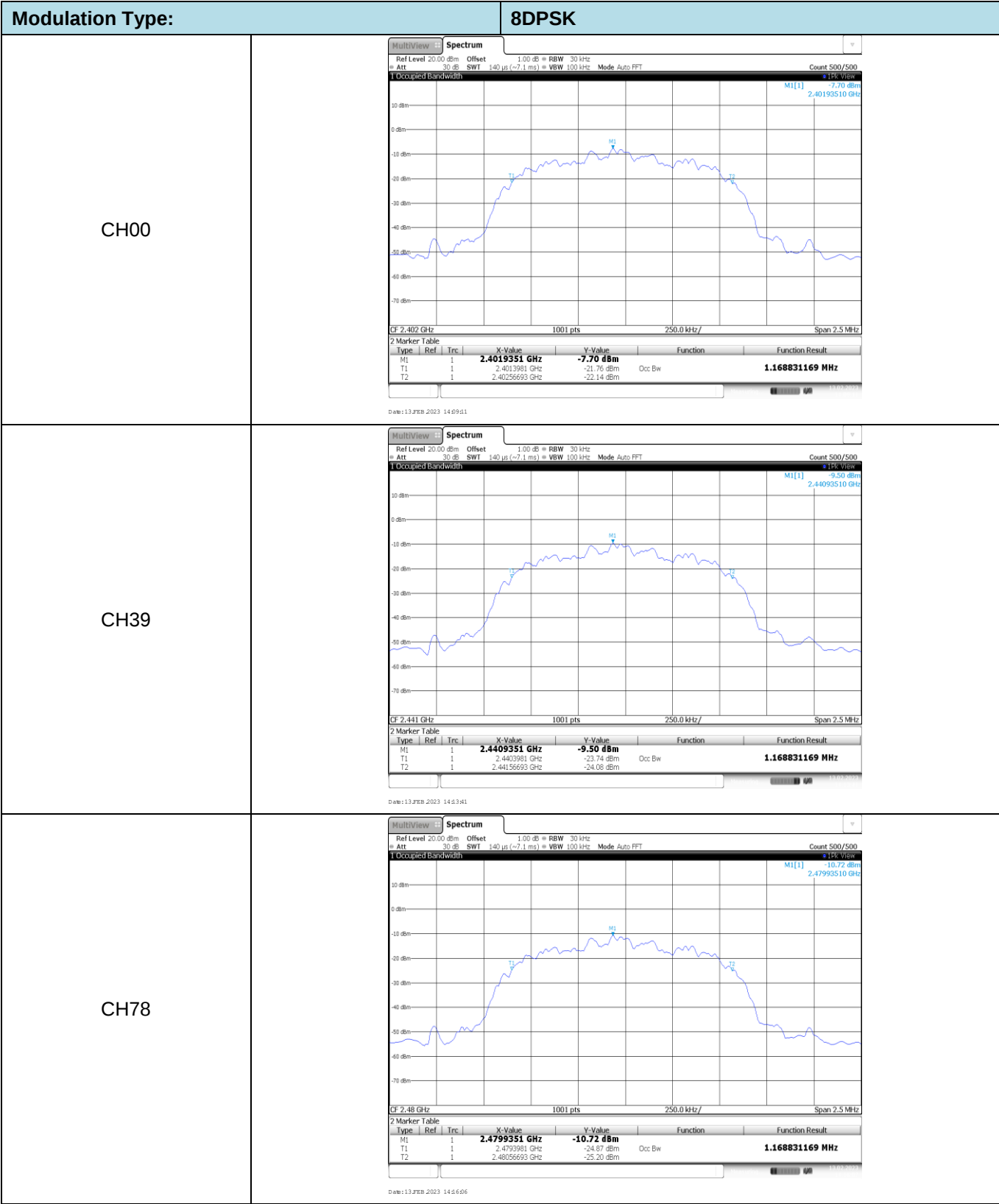
Date:13.FEB.2023 13:54:23

CH78



Date:13.FEB.2023 13:56:39





Appendix D: Carrier Frequencies Separation

Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥925.00	Pass
π/4DQPSK	39	1.00	≥888.33	Pass
8DPSK	39	1.00	≥873.33	Pass

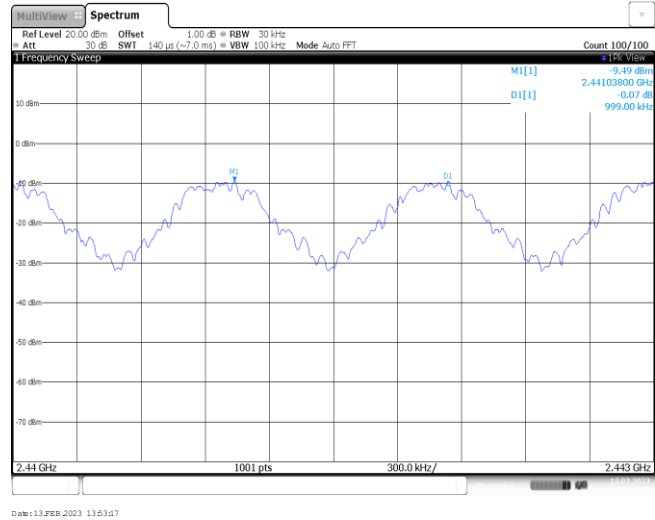
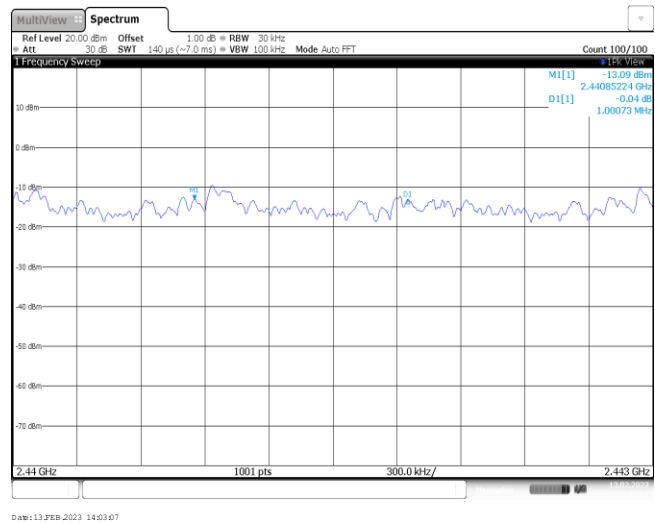
Note:

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

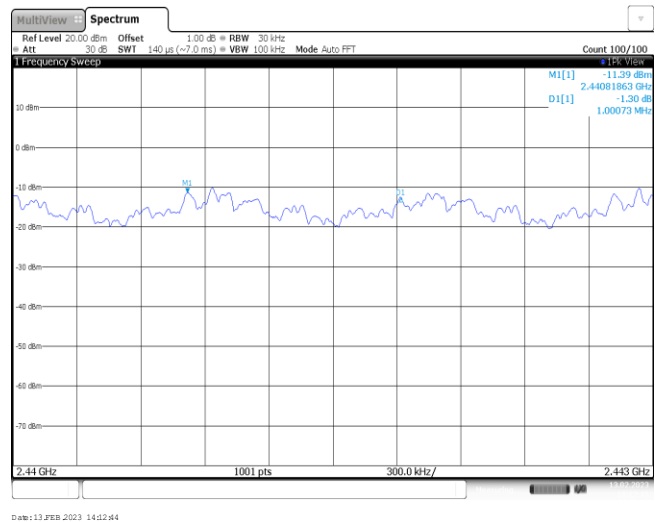
π/4DQPSK limit = 2/3 * The maximum 20 dB Bandwidth for π/4DQPSK modulation on the appendix B.

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

GFSK

 $\pi/4$ DQPSK

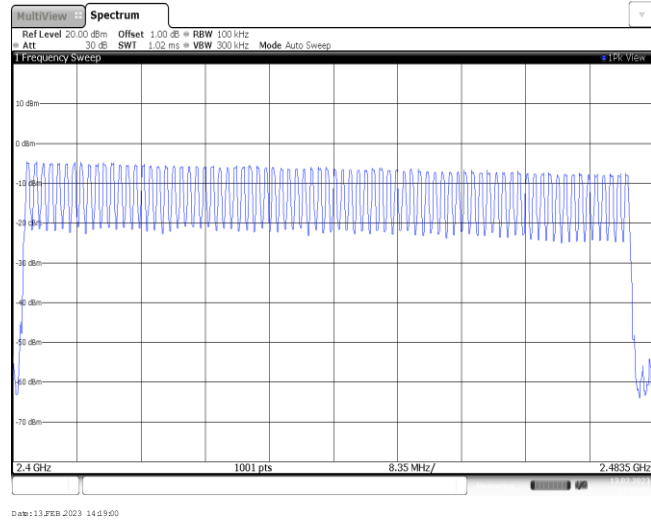
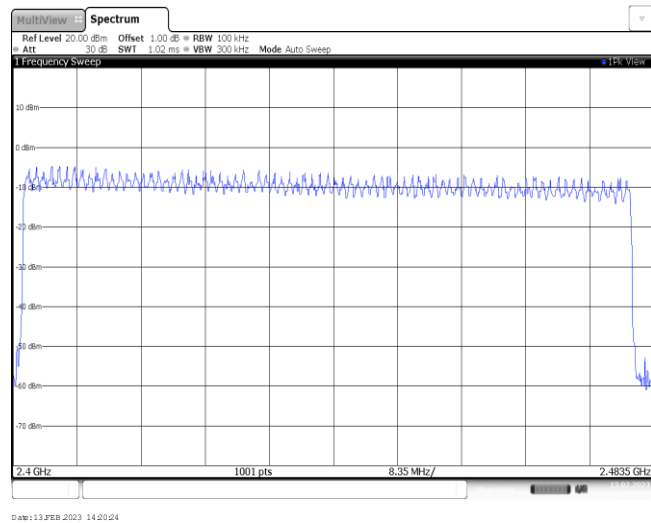
8DPSK



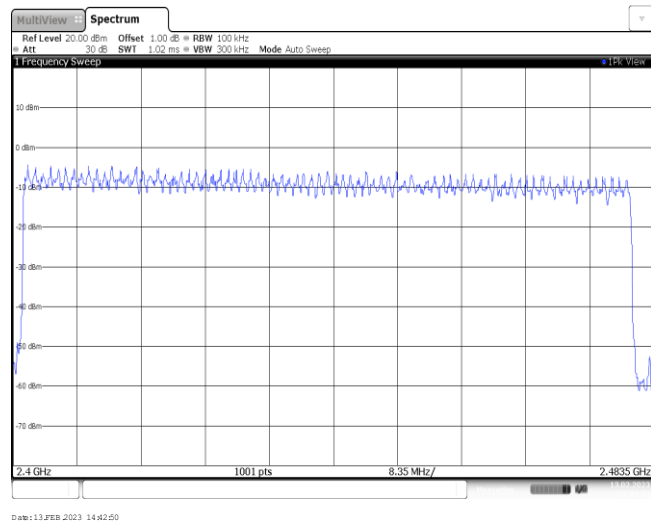
Appendix E: Hopping Channel Number

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

GFSK

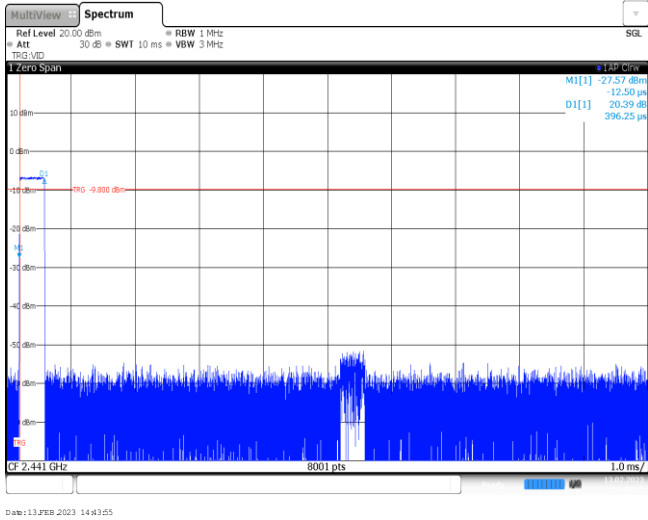
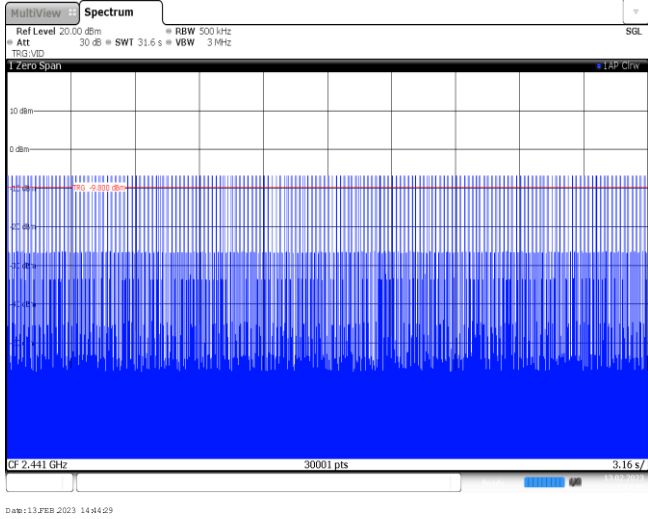
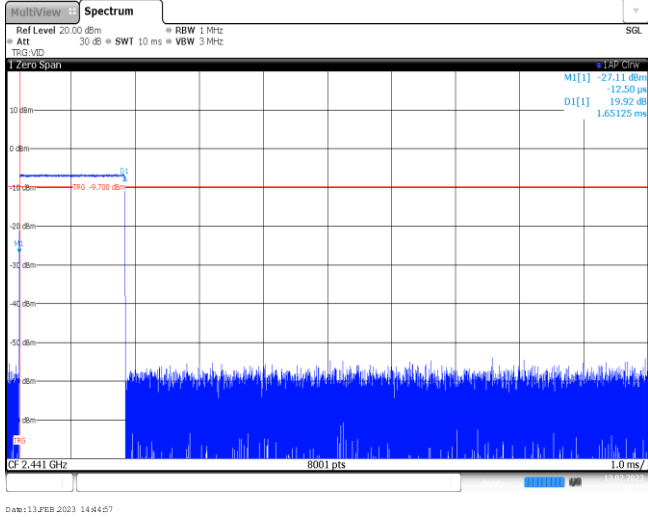
 $\pi/4$ DQPSK

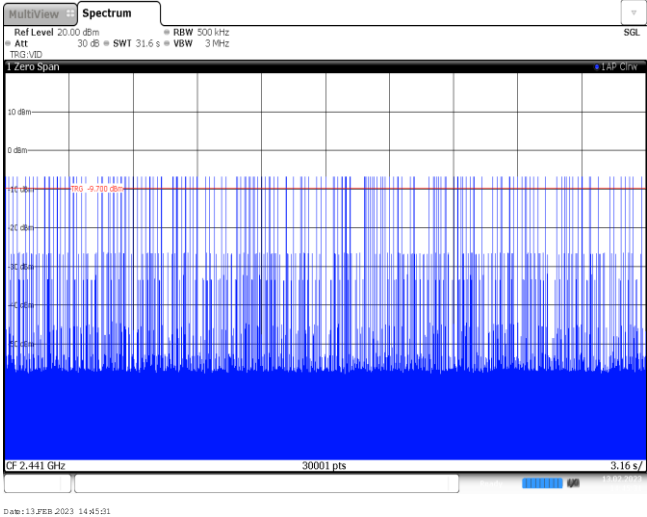
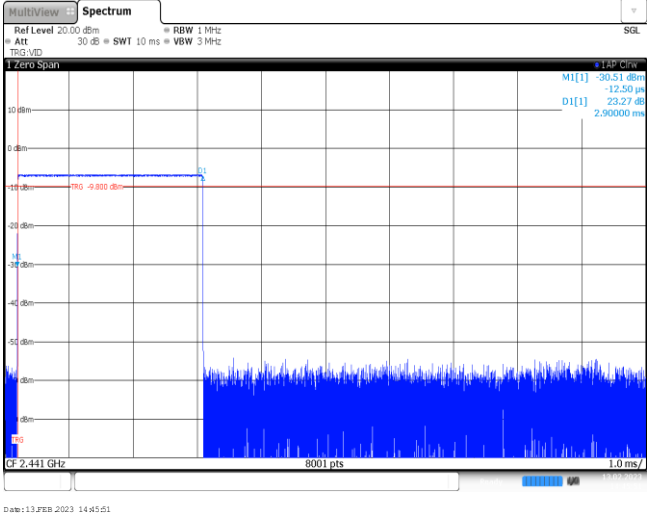
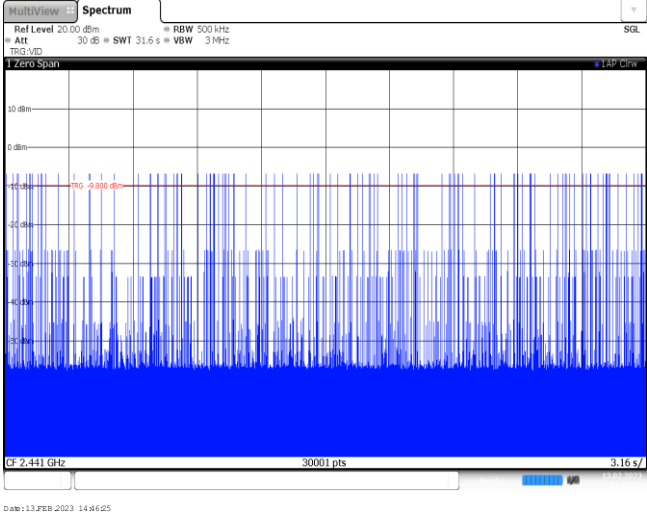
8DPSK

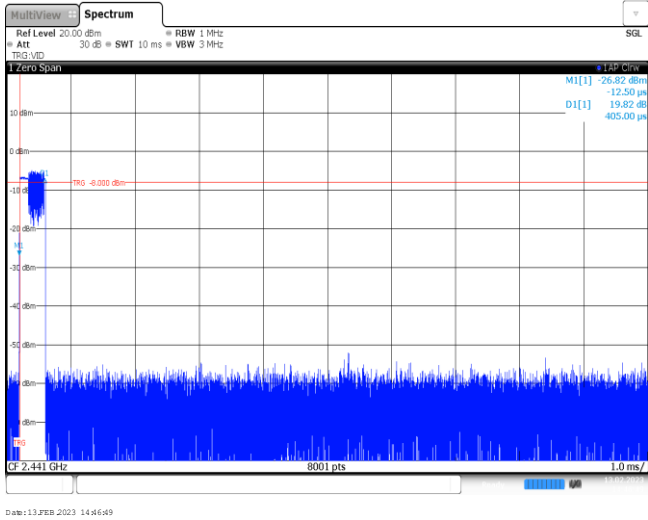
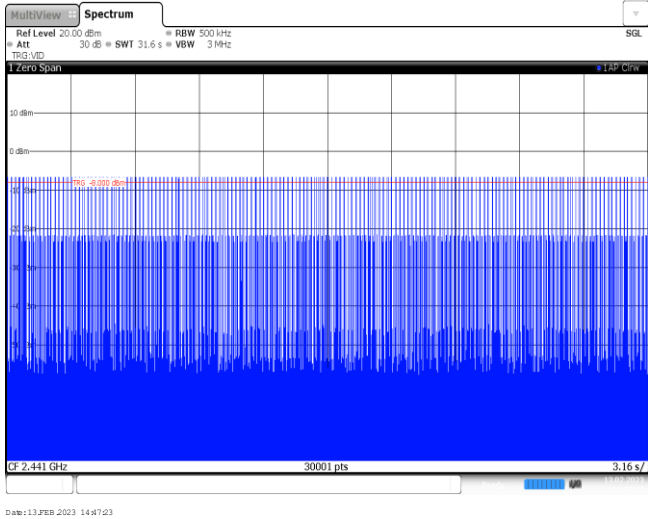
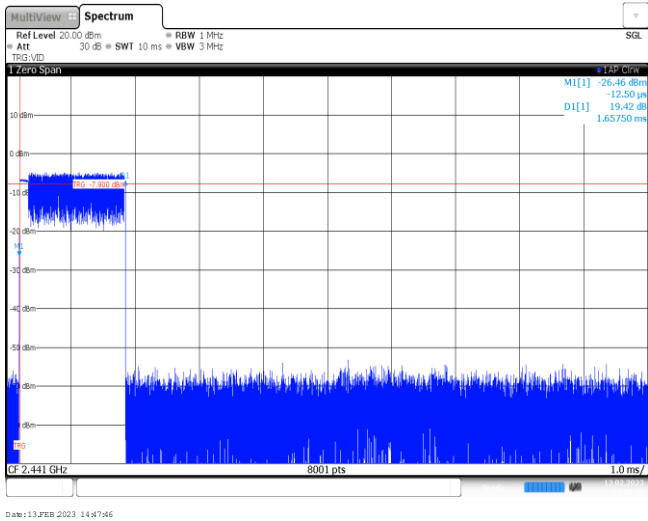


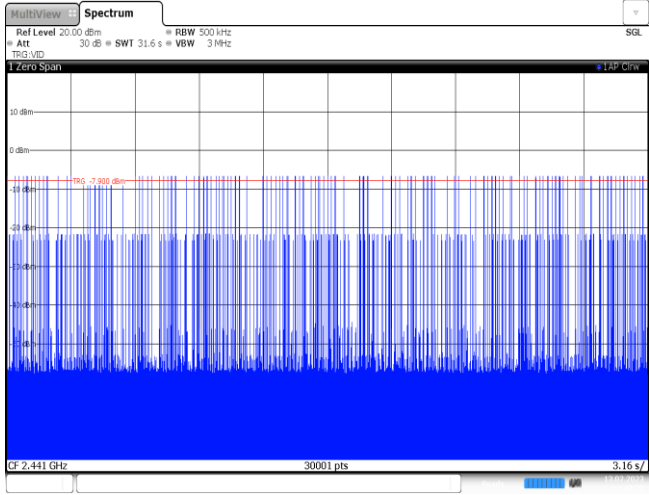
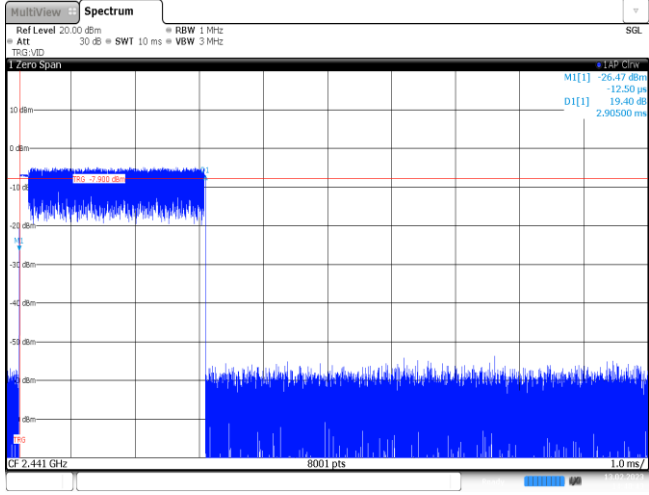
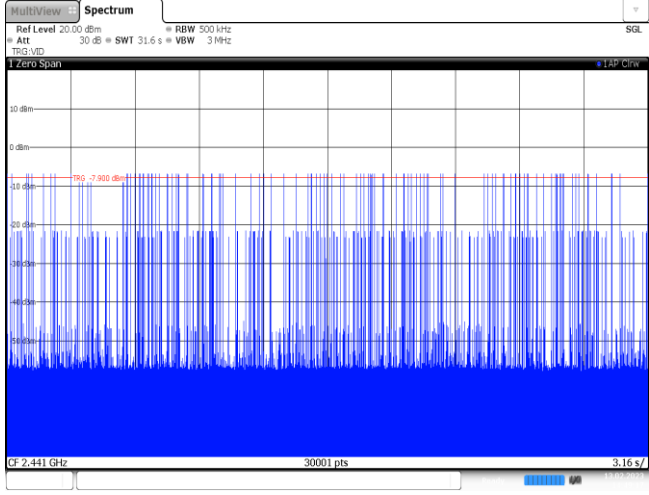
Appendix F: Dwell Time

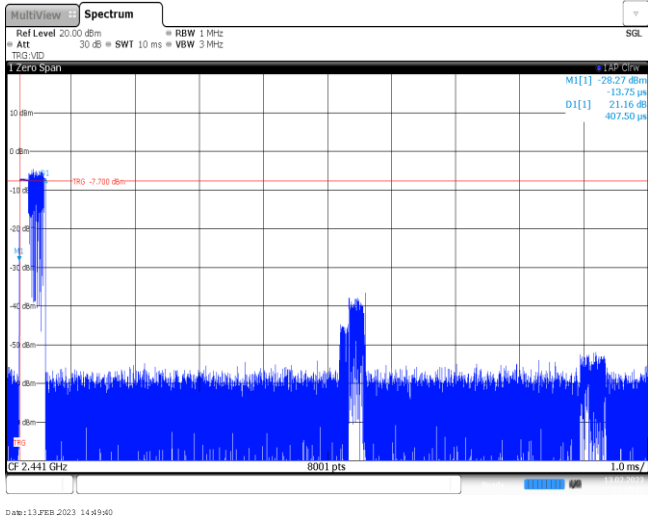
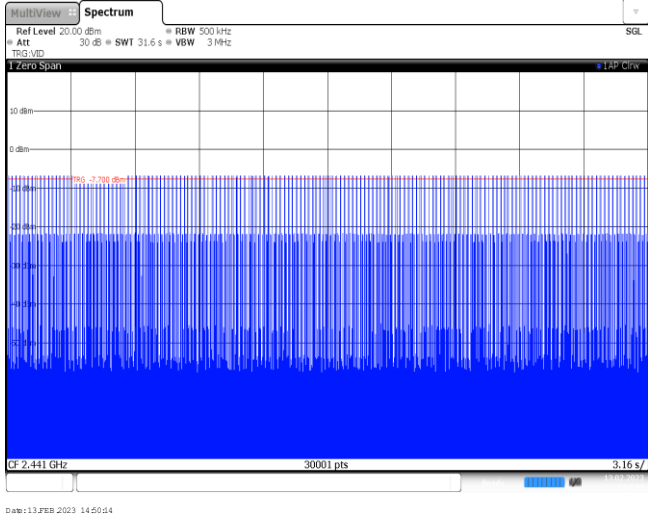
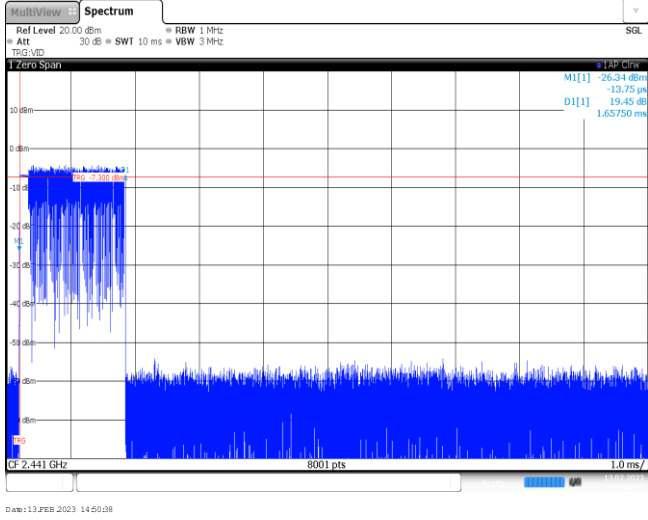
Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.40	319	0.13	≤ 0.40	Pass
	DH3	1.65	165	0.27		
	DH5	2.90	108	0.31		
$\pi/4$ DQPSK	2DH1	0.41	320	0.13	≤ 0.40	Pass
	2DH3	1.66	155	0.26		
	2DH5	2.91	110	0.32		
8DPSK	3DH1	0.41	319	0.13	≤ 0.40	Pass
	3DH3	1.66	156	0.26		
	3DH5	2.91	106	0.31		

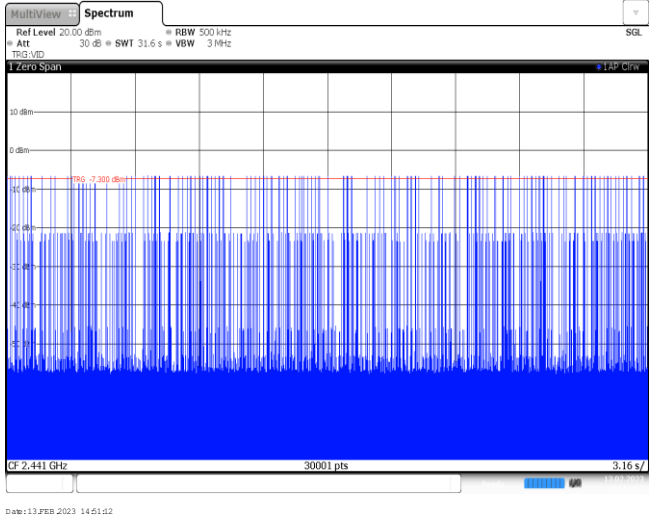
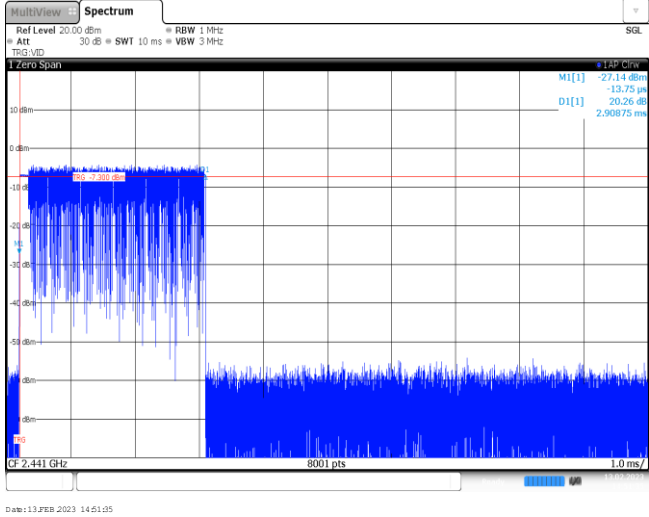
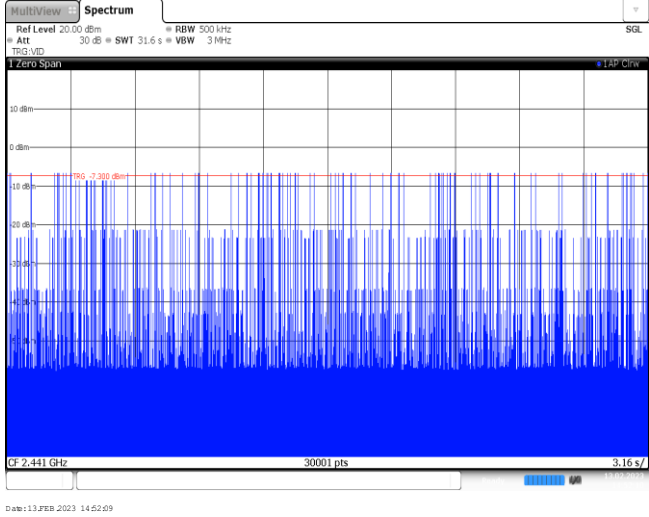
Modulation Type:GFSK	
DH1 Burst width	
DH1 Burst number	
DH3 Burst width	

DH3 Burst number	 The screenshot shows a spectrum plot titled 'Spectrum' with a frequency span of 1 Zero Span. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. A red horizontal line is drawn at -20 dBm. The plot shows a dense, noisy signal across the entire frequency range. The bottom status bar indicates 30001 pts and a date of 13.FEB.2023 14:45:01.
DH5 Burst width	 The screenshot shows a spectrum plot titled 'Spectrum' with a frequency span of 1 Zero Span. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. A red horizontal line is drawn at -20 dBm. The plot shows a dense, noisy signal across the entire frequency range. The bottom status bar indicates 8001 pts and a date of 13.FEB.2023 14:45:01.
DH5 Burst number	 The screenshot shows a spectrum plot titled 'Spectrum' with a frequency span of 1 Zero Span. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. A red horizontal line is drawn at -20 dBm. The plot shows a dense, noisy signal across the entire frequency range. The bottom status bar indicates 30001 pts and a date of 13.FEB.2023 14:46:25.

Modulation Type: $\pi/4$ DQPSK	
2DH1 Burst width	
2DH1 Burst number	
2DH3 Burst width	

2DH3 Burst number	 MultiView Spectrum Ref Level 20.00 dBm Att 30 dB RBW 500 kHz SWT 31.6 s VBW 3 kHz SQL 1 Zero Span CF 2.441 GHz 30001 pts 3.16 s Date: 13.FEB.2023 14:48:20
2DH5 Burst width	 MultiView Spectrum Ref Level 20.00 dBm Att 30 dB RBW 1 MHz SWT 10 ms VBW 3 MHz SQL 1 Zero Span CF 2.441 GHz 8001 pts 1.0 ms Date: 13.FEB.2023 14:48:43
2DH5 Burst number	 MultiView Spectrum Ref Level 20.00 dBm Att 30 dB RBW 500 kHz SWT 31.6 s VBW 3 kHz SQL 1 Zero Span CF 2.441 GHz 30001 pts 3.16 s Date: 13.FEB.2023 14:48:17

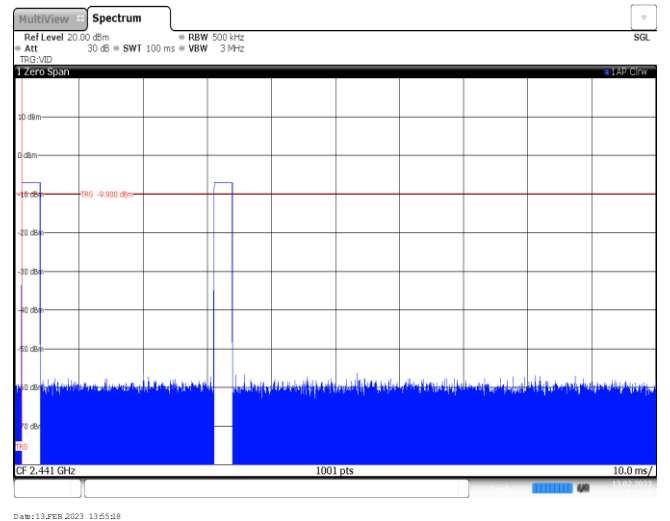
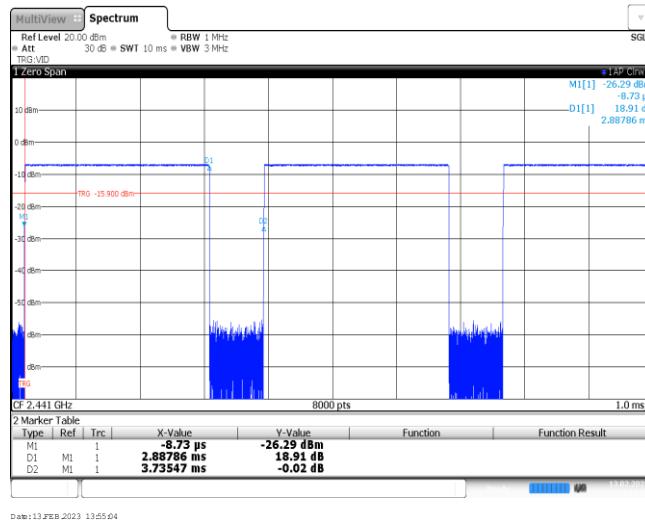
Modulation Type:	8DPSK
3DH1 Burst width	
3DH1 Burst number	
3DH3 Burst width	

3DH3 Burst number	
3DH5 Burst width	
3DH5 Burst number	

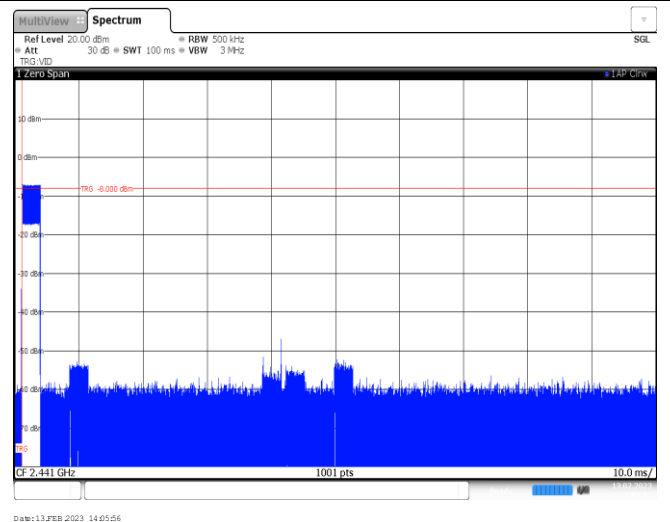
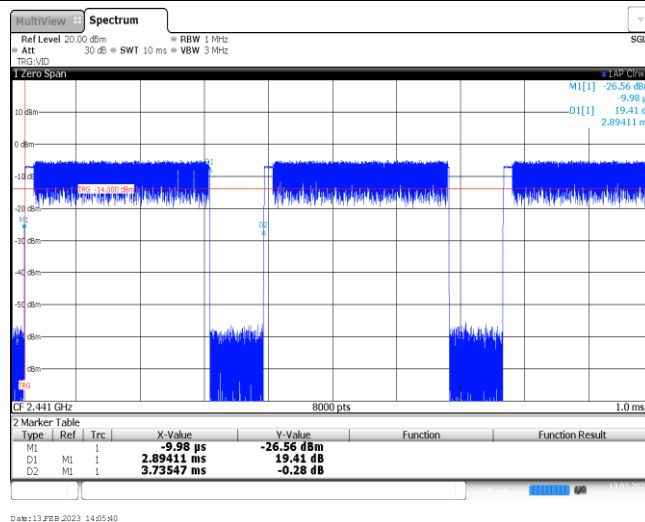
Appendix G: Duty Cycle Correction Factor (DCCF)

DCCF Calculate Formula					
$DCCF = 20 * \text{Log}(\text{duty cycle}) = 20 * \text{Log}(T_{\text{on time}} / T_{\text{period}})$					
Modulation type	Test Frequency (MHz)	$T_{\text{on time}}$ for single burst [ms]	T_{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.89	100	2	-24.76
$\pi/4$ DQPSK	2441	2.89	100	1	-30.78
8DPSK	2441	2.90	100	1	-30.75

GFSK

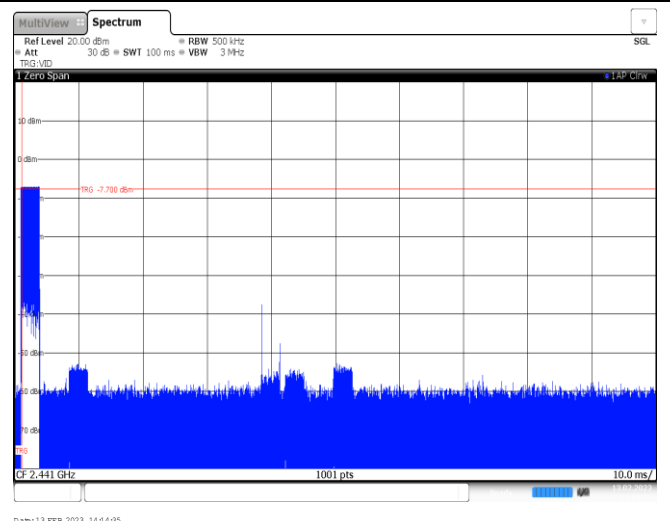
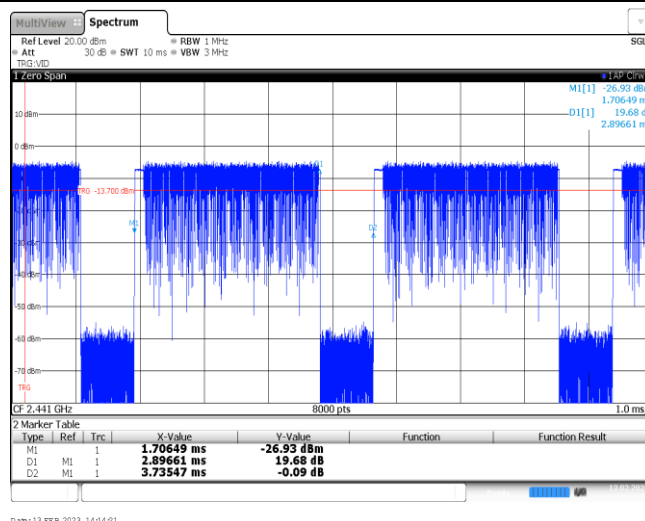
T_{on} time for single burst

Burst Quantity

 $\pi/4$ DQPSKT_{on} time for single burst

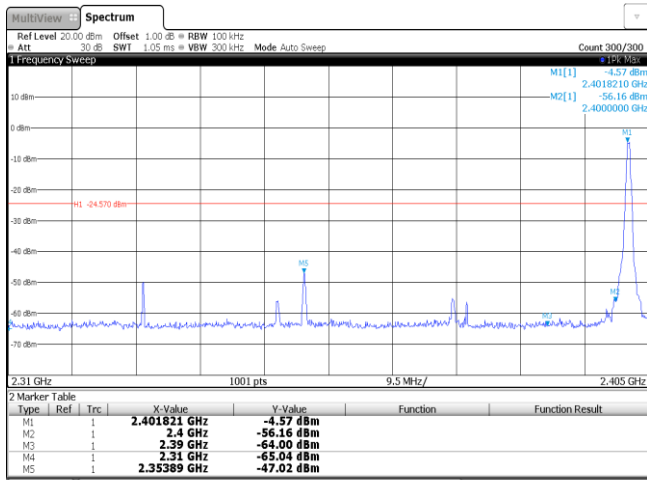
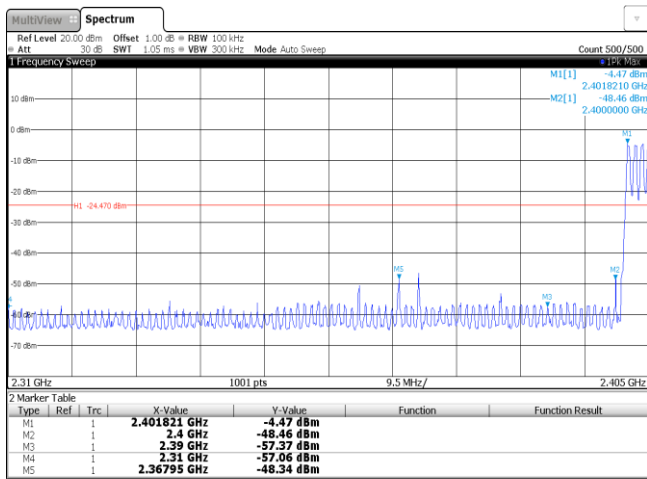
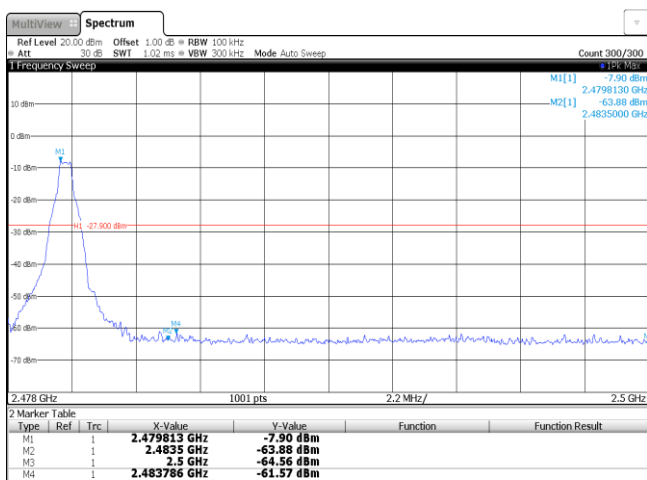
Burst Quantity

8DPSK

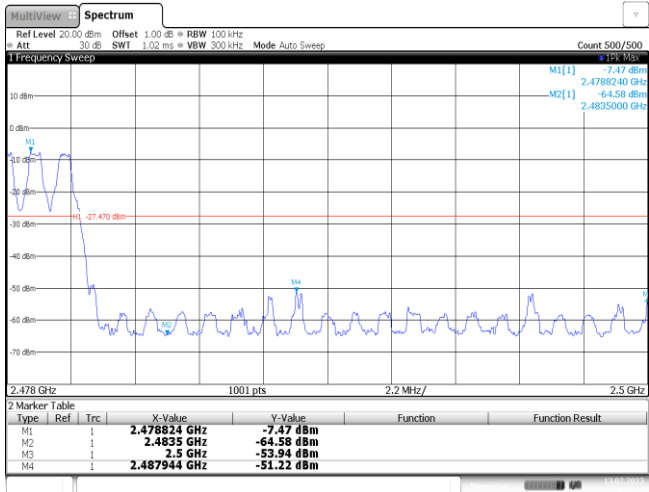
T_{on} time for single burst

Burst Quantity

Appendix H: Band edge and Spurious Emissions (conducted)

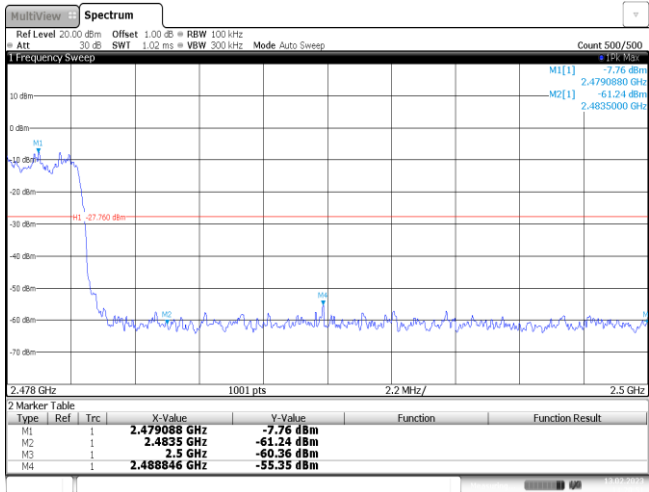
Test Item:	Band edge	Modulation type:	GFSK																																										
CH00 No hopping mode	 2 Marker Table <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.401821 GHz</td><td>-4.57 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-56.16 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>-65.04 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.35389 GHz</td><td>-47.02 dBm</td><td></td><td></td></tr></table> Date: 13.FEB.2023 13:48:15	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.401821 GHz	-4.57 dBm			M2	1		2.4 GHz	-56.16 dBm			M3	1		2.39 GHz	-64.00 dBm			M4	1		2.31 GHz	-65.04 dBm			M5	1		2.35389 GHz	-47.02 dBm				
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.401821 GHz	-4.57 dBm																																									
M2	1		2.4 GHz	-56.16 dBm																																									
M3	1		2.39 GHz	-64.00 dBm																																									
M4	1		2.31 GHz	-65.04 dBm																																									
M5	1		2.35389 GHz	-47.02 dBm																																									
CH00 Hopping mode	 2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>2.401821 GHz</td><td>-4.47 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-48.46 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-57.37 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-57.06 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.36795 GHz</td><td>-48.34 dBm</td><td></td><td></td></tr></table> Date: 13.FEB.2023 14:19:14	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.401821 GHz	-4.47 dBm			M2	1		2.4 GHz	-48.46 dBm			M3	1		2.39 GHz	-57.37 dBm			M4	1		2.31 GHz	-57.06 dBm			M5	1		2.36795 GHz	-48.34 dBm				
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.401821 GHz	-4.47 dBm																																									
M2	1		2.4 GHz	-48.46 dBm																																									
M3	1		2.39 GHz	-57.37 dBm																																									
M4	1		2.31 GHz	-57.06 dBm																																									
M5	1		2.36795 GHz	-48.34 dBm																																									
CH78 No hopping mode	 2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>2.479813 GHz</td><td>-7.90 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.48335 GHz</td><td>-63.88 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-64.56 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483786 GHz</td><td>-61.57 dBm</td><td></td><td></td></tr></table> Date: 13.FEB.2023 13:57:18	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479813 GHz	-7.90 dBm			M2	1		2.48335 GHz	-63.88 dBm			M3	1		2.5 GHz	-64.56 dBm			M4	1		2.483786 GHz	-61.57 dBm											
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.479813 GHz	-7.90 dBm																																									
M2	1		2.48335 GHz	-63.88 dBm																																									
M3	1		2.5 GHz	-64.56 dBm																																									
M4	1		2.483786 GHz	-61.57 dBm																																									

CH78
Hopping mode

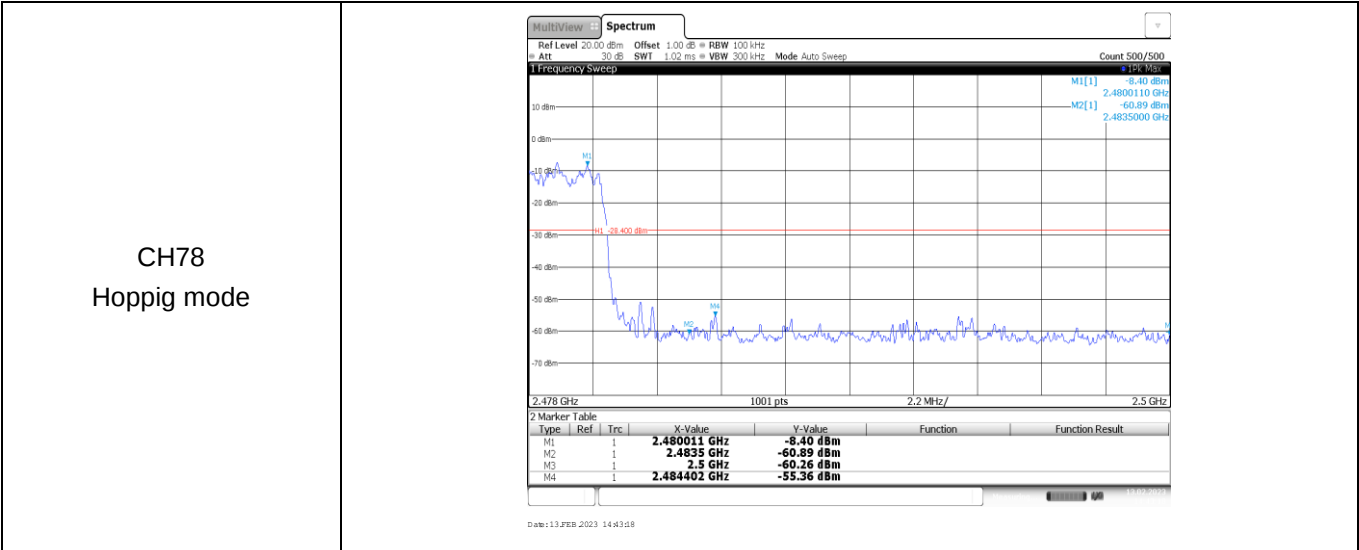


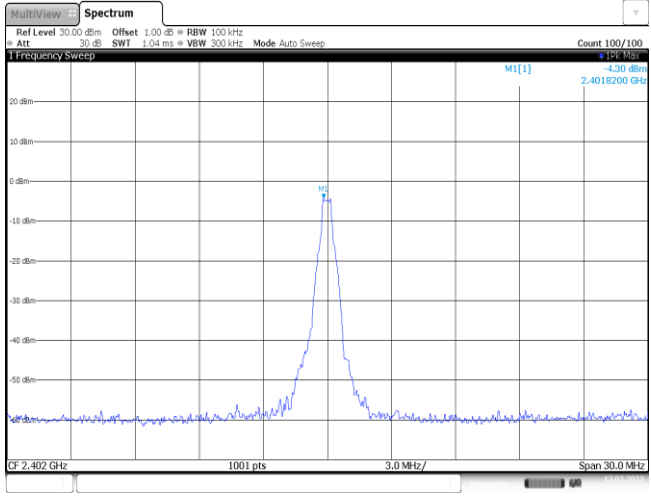
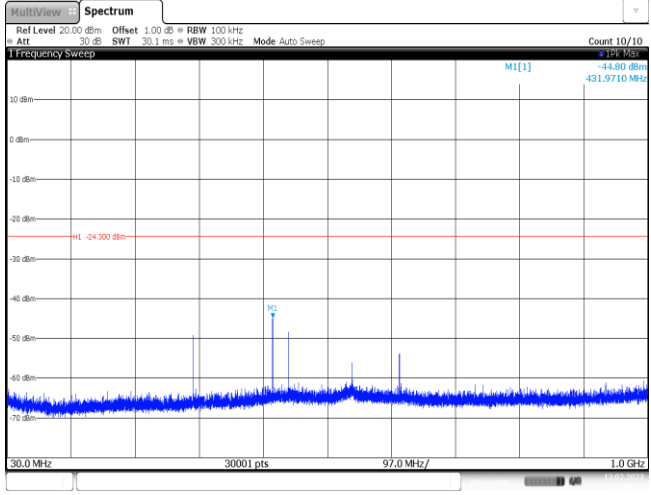
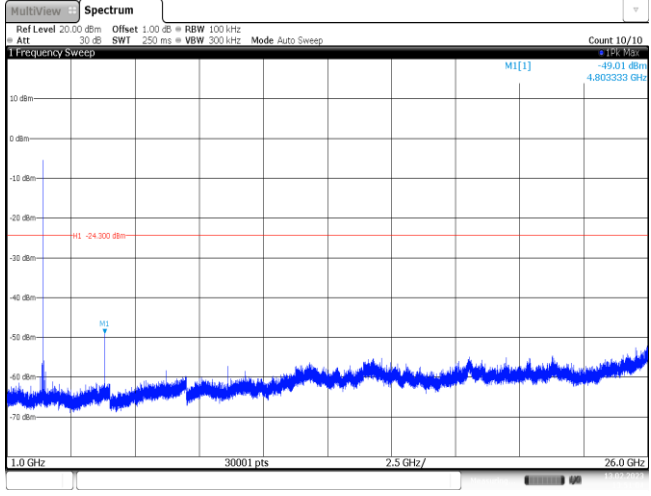
Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
CH00 No hopping mode	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz ATT 30 dB SWT 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep M1[1] -4.68 dBm M2[1] -55.93 dBm 2.402105 GHz 2.4021050 GHz 2.4000000 GHz 2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz 2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>2.402105 GHz</td><td>-4.68 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-55.93 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-63.87 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-62.74 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.353605 GHz</td><td>-49.65 dBm</td><td></td><td></td></tr></table> Date: 13.FEB.2023 13:59:17			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	-4.68 dBm			M2	1		2.4 GHz	-55.93 dBm			M3	1		2.39 GHz	-63.87 dBm			M4	1		2.31 GHz	-62.74 dBm			M5	1		2.353605 GHz	-49.65 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.402105 GHz	-4.68 dBm																																									
M2	1		2.4 GHz	-55.93 dBm																																									
M3	1		2.39 GHz	-63.87 dBm																																									
M4	1		2.31 GHz	-62.74 dBm																																									
M5	1		2.353605 GHz	-49.65 dBm																																									
CH00 Hopping mode	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz ATT 30 dB SWT 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep M1[1] -5.75 dBm M2[1] -61.36 dBm 2.404003 GHz 2.4040030 GHz 2.4000000 GHz 2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz 2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>2.404003 GHz</td><td>-5.75 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-61.36 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-58.49 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-57.87 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.36529 GHz</td><td>-48.63 dBm</td><td></td><td></td></tr></table> Date: 13.FEB.2023 14:00:27			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404003 GHz	-5.75 dBm			M2	1		2.4 GHz	-61.36 dBm			M3	1		2.39 GHz	-58.49 dBm			M4	1		2.31 GHz	-57.87 dBm			M5	1		2.36529 GHz	-48.63 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.404003 GHz	-5.75 dBm																																									
M2	1		2.4 GHz	-61.36 dBm																																									
M3	1		2.39 GHz	-58.49 dBm																																									
M4	1		2.31 GHz	-57.87 dBm																																									
M5	1		2.36529 GHz	-48.63 dBm																																									
CH78 No hopping mode	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz ATT 30 dB SWT 1.02 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep M1[1] -7.67 dBm M2[1] -63.61 dBm 2.480099 GHz 2.4800990 GHz 2.4855000 GHz 2.478 GHz 1001 pts 2.2 MHz/ 2.5 GHz 2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>2.480099 GHz</td><td>-7.67 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-63.61 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-63.36 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.490276 GHz</td><td>-61.71 dBm</td><td></td><td></td></tr></table> Date: 13.FEB.2023 14:07:55			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.480099 GHz	-7.67 dBm			M2	1		2.4835 GHz	-63.61 dBm			M3	1		2.5 GHz	-63.36 dBm			M4	1		2.490276 GHz	-61.71 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.480099 GHz	-7.67 dBm																																									
M2	1		2.4835 GHz	-63.61 dBm																																									
M3	1		2.5 GHz	-63.36 dBm																																									
M4	1		2.490276 GHz	-61.71 dBm																																									

CH78
Hopping mode

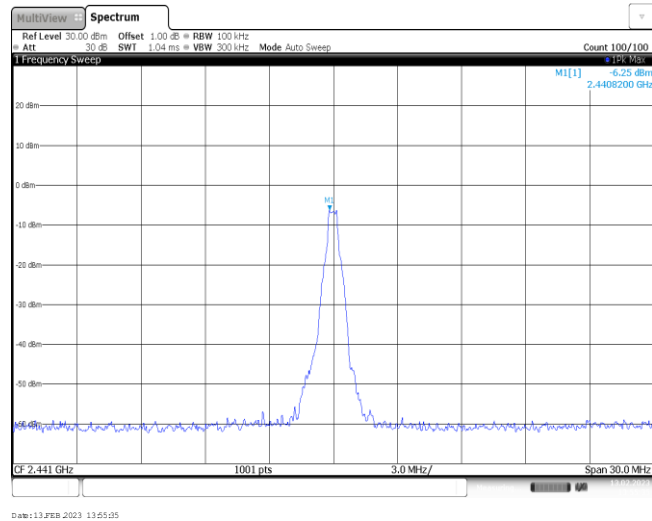


Test Item:	Band edge	Modulation type:	8DPSK
CH00 No hopping mode	</		

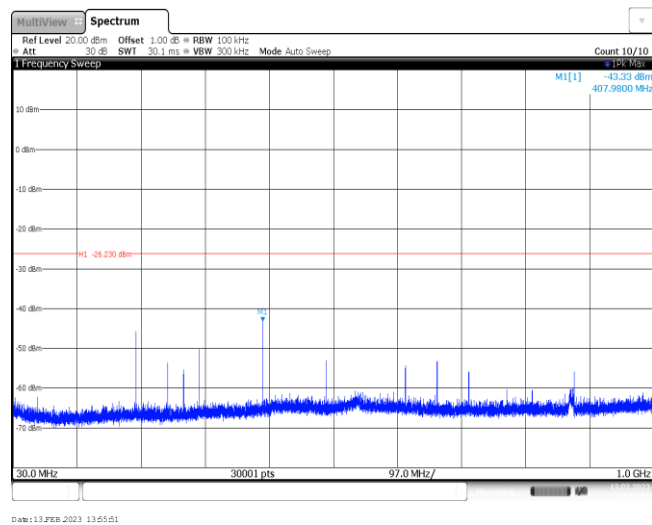


Test Item:	Spurious Emission	Modulation type:	GFSK
CH00 Reference level			
CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

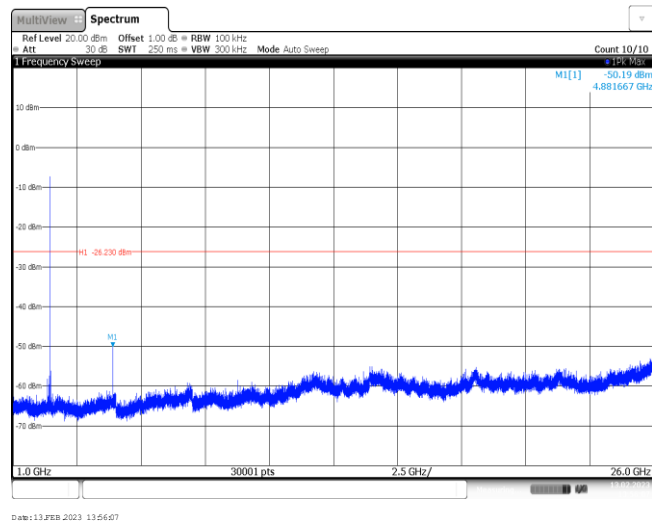
CH39
Reference level

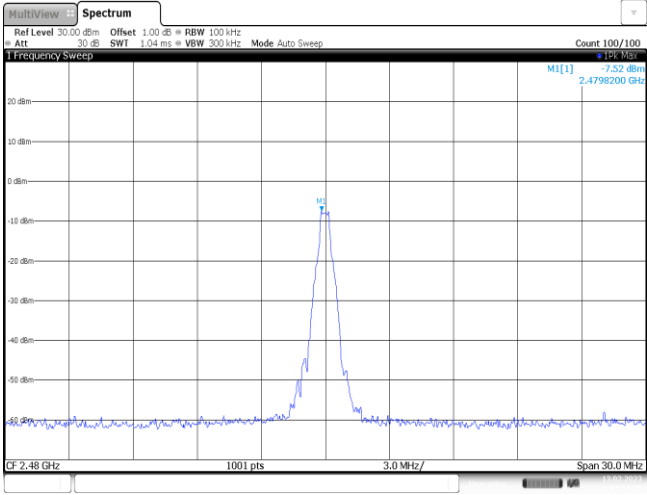
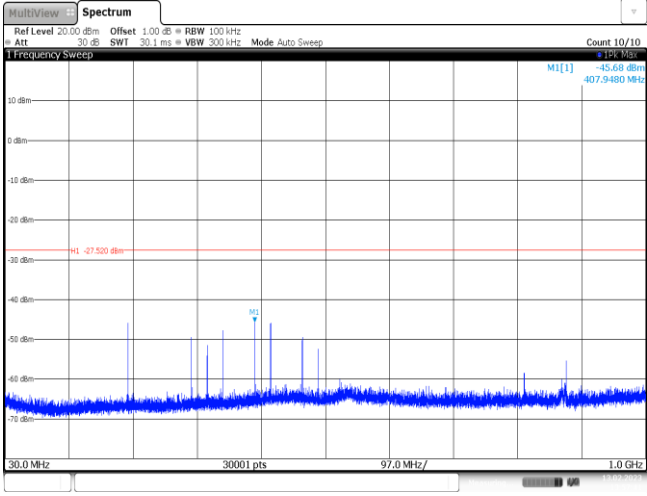
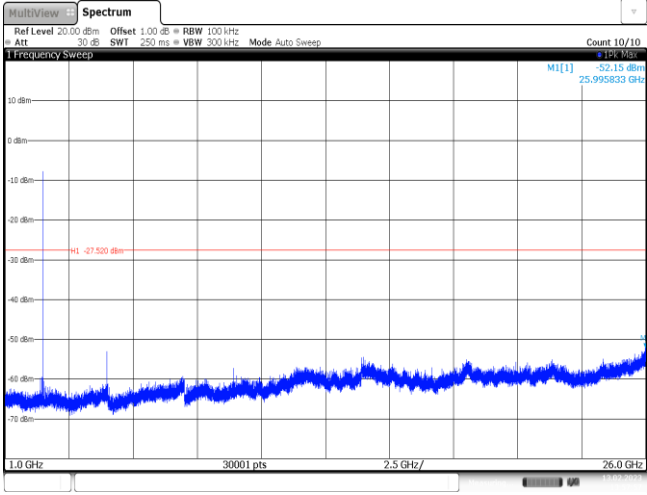


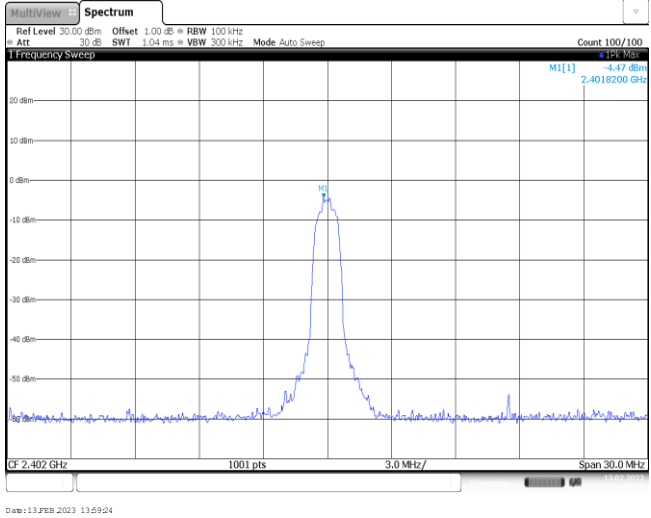
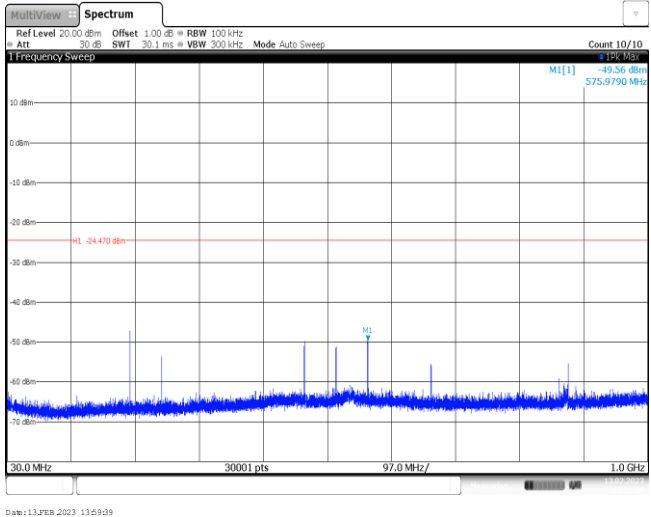
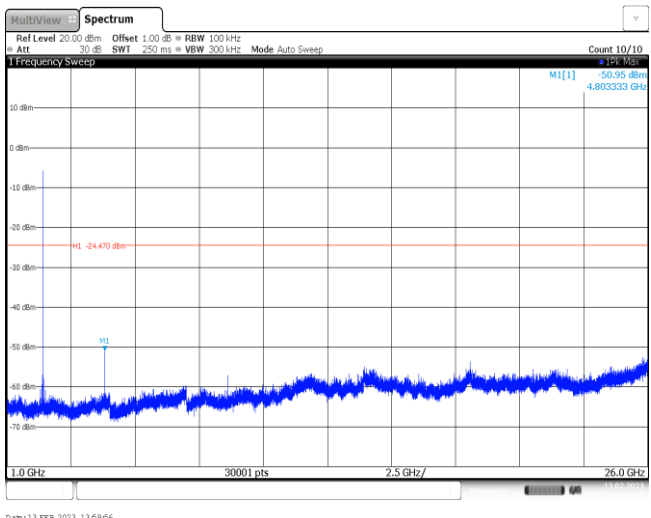
CH39
30MHz~1000MHz



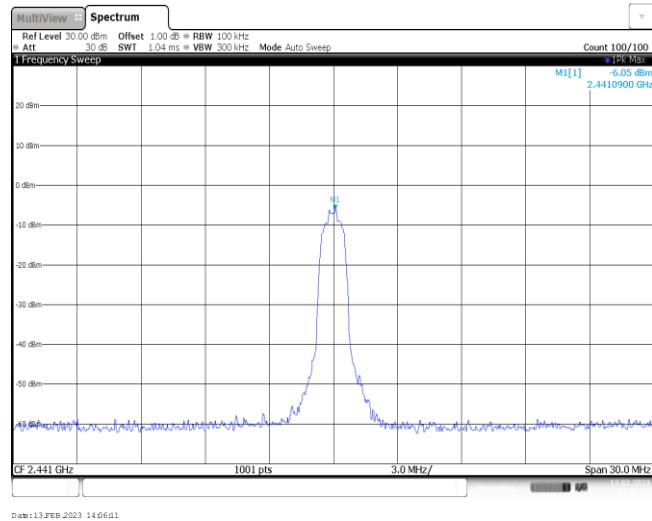
CH39
1GHz~26GHz



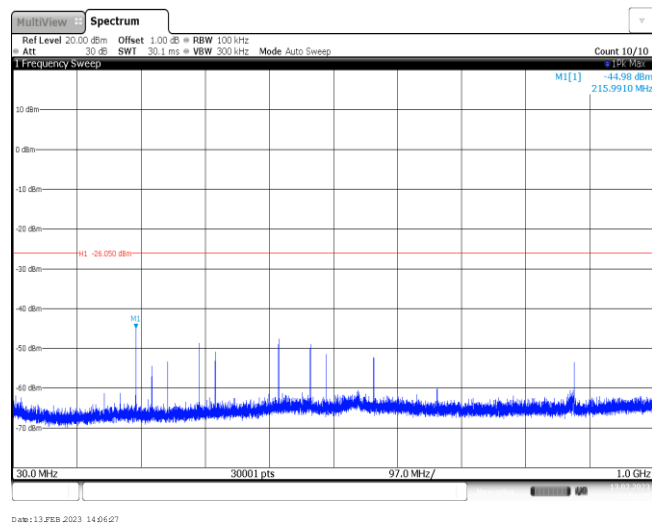
CH78 Reference level	
CH78 30MHz~1000MHz	
CH78 1GHz~26GHz	

Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
CH00 Reference level			
CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

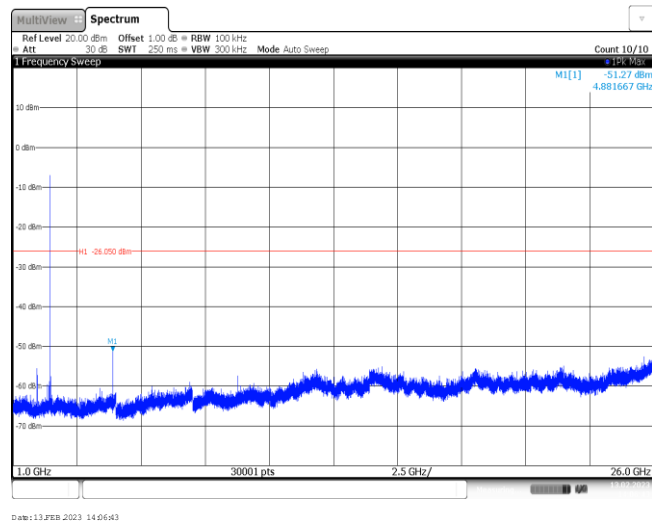
CH39
Reference level

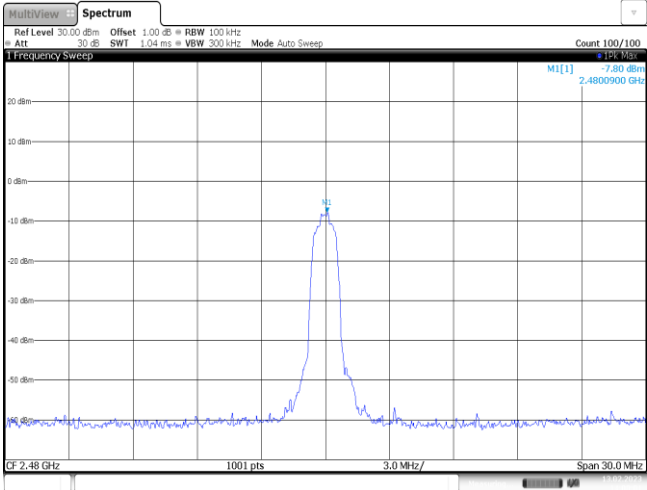
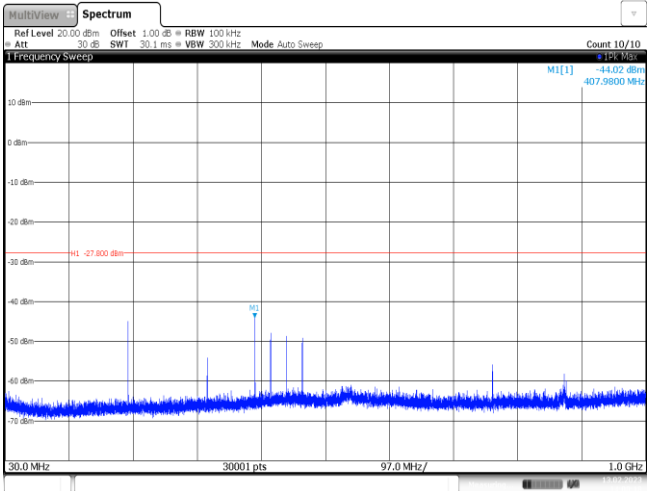
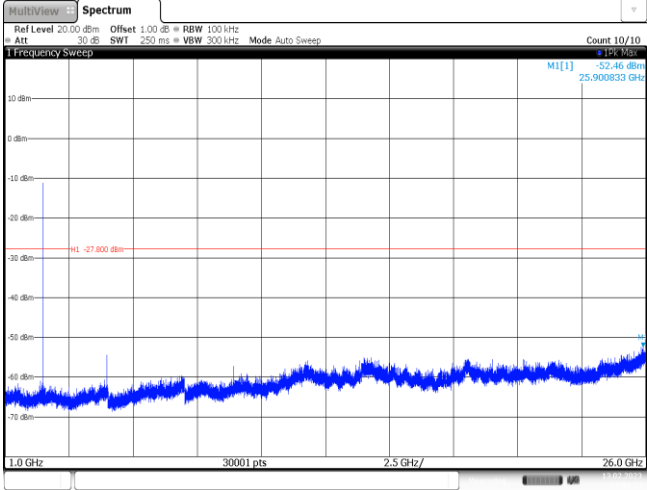


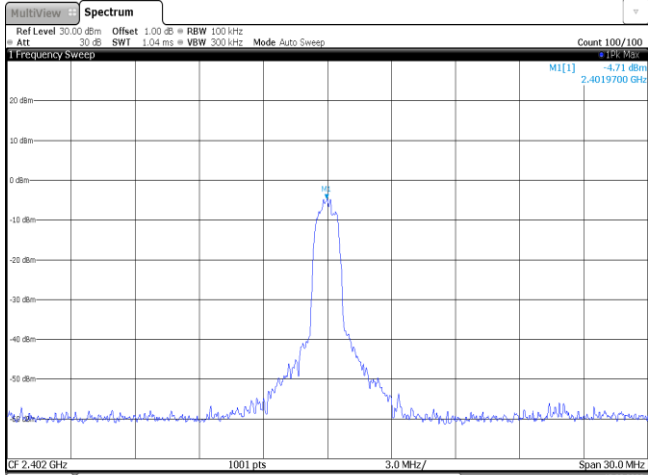
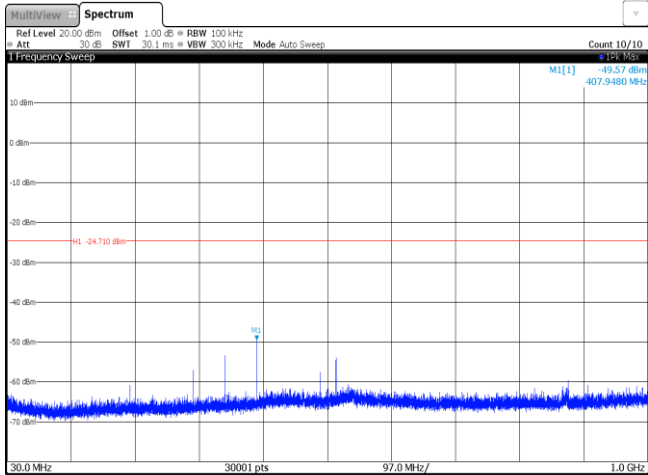
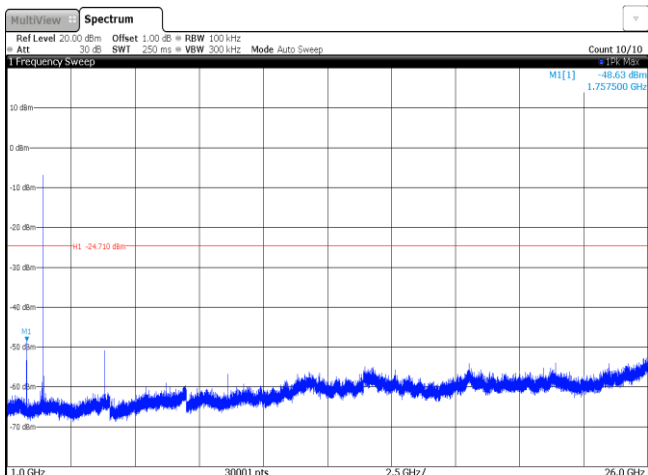
CH39
30MHz~1000MHz



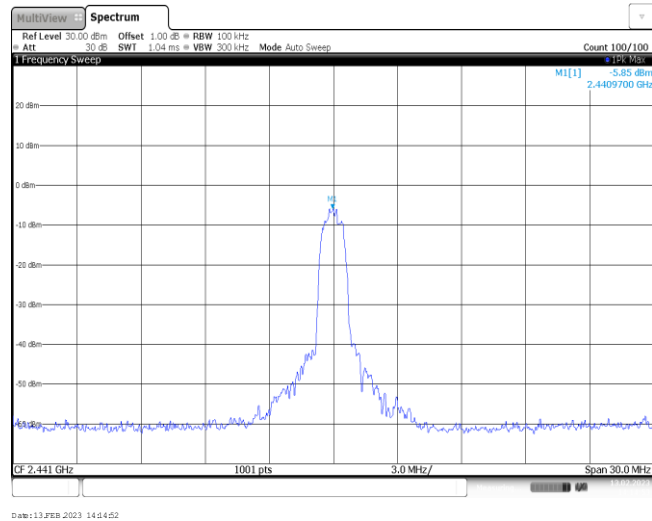
CH39
1GHz~26GHz



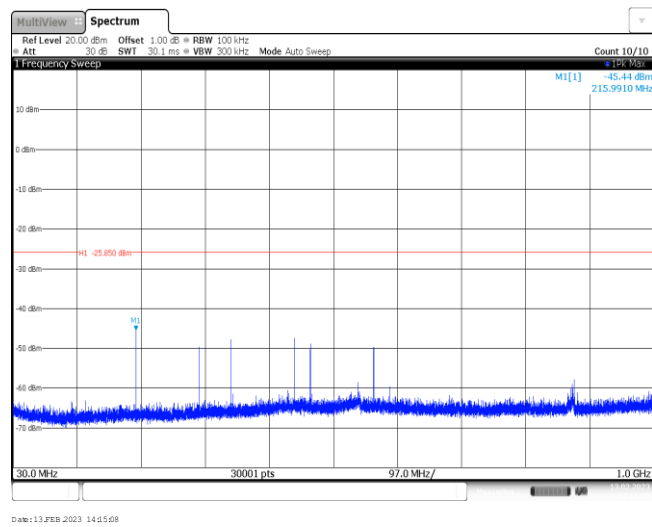
CH78 Reference level	 The spectrum plot for CH78 Reference level shows a single, sharp peak at 2.48 GHz. The y-axis represents power in dBm, ranging from -80 to 20. The x-axis represents frequency in MHz, ranging from 2.4 GHz to 2.5 GHz. The peak is labeled with a count of 100/100 and a power level of -7.80 dBm. The plot is titled 'Spectrum' and includes parameters such as 'Ref Level 30.00 dBm', 'Offset 1.00 dB', 'RBW 100 kHz', 'Mode Auto Sweep', 'Count 100/100', 'MI[1] -7.80 dBm', '2.4800900 GHz', 'CF 2.48 GHz', '1001 pts', '3.0 MHz/', and 'Span 30.0 MHz'.
CH78 30MHz~1000MHz	 The spectrum plot for CH78 30MHz~1000MHz shows multiple peaks across the frequency range. The y-axis represents power in dBm, ranging from -80 to 10. The x-axis represents frequency in MHz, ranging from 30.0 MHz to 1.0 GHz. The plot is titled 'Spectrum' and includes parameters such as 'Ref Level 20.00 dBm', 'Offset 1.00 dB', 'RBW 100 kHz', 'Mode Auto Sweep', 'Count 10/10', 'MI[1] -44.02 dBm', '407.9800 MHz', '30.0 MHz', '30001 pts', '97.0 MHz/', and '1.0 GHz'.
CH78 1GHz~26GHz	 The spectrum plot for CH78 1GHz~26GHz shows multiple peaks across the frequency range. The y-axis represents power in dBm, ranging from -80 to 10. The x-axis represents frequency in GHz, ranging from 1.0 GHz to 26.0 GHz. The plot is titled 'Spectrum' and includes parameters such as 'Ref Level 20.00 dBm', 'Offset 1.00 dB', 'RBW 100 kHz', 'Mode Auto Sweep', 'Count 10/10', 'MI[1] -52.46 dBm', '25.900833 GHz', '1.0 GHz', '30001 pts', '2.5 GHz/', and '26.0 GHz'.

Test Item:	Spurious Emission	Modulation type:	8DPSK
CH00 Reference level	 Ref Level 30.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 M1[1] -47.1 dBm 2.4019700 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 13.FEB.2023 14:00:07		
CH00 30MHz~1000MHz	 Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -49.57 dBm 407.9480 MHz M1 -24.710 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 13.FEB.2023 14:00:23		
CH00 1GHz~26GHz	 Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -48.63 dBm 1.757500 GHz M1 -24.710 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 13.FEB.2023 14:00:29		

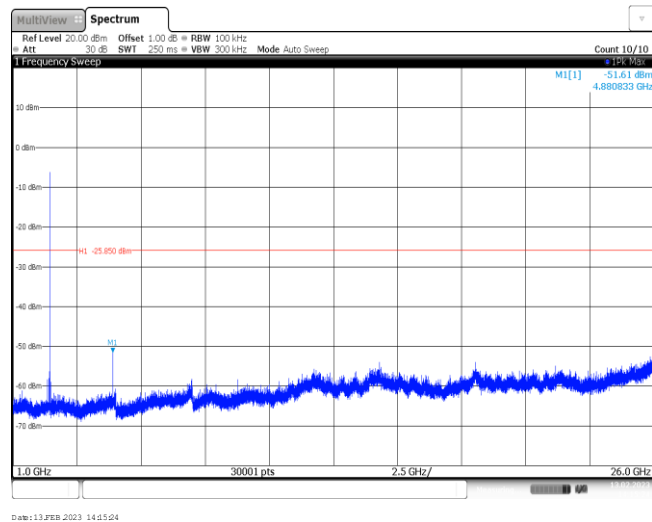
CH39
Reference level

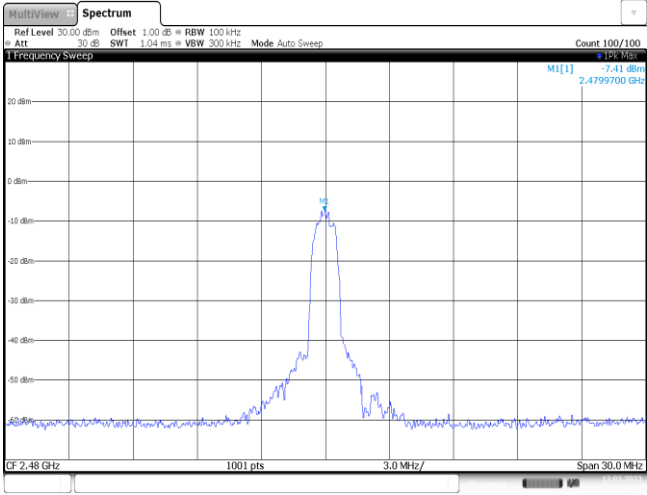
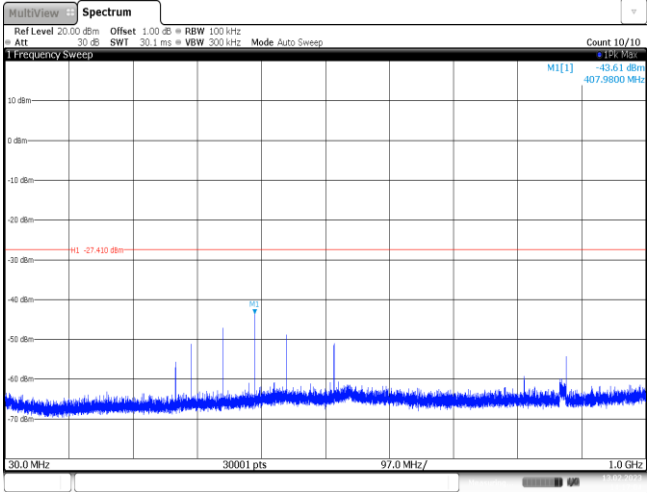
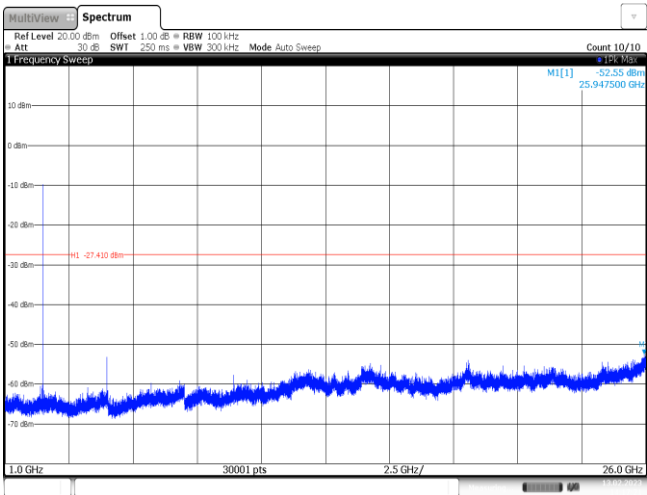


CH39
30MHz~1000MHz



CH39
1GHz~26GHz



CH78 Reference level	
CH78 30MHz~1000MHz	
CH78 1GHz~26GHz	

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