

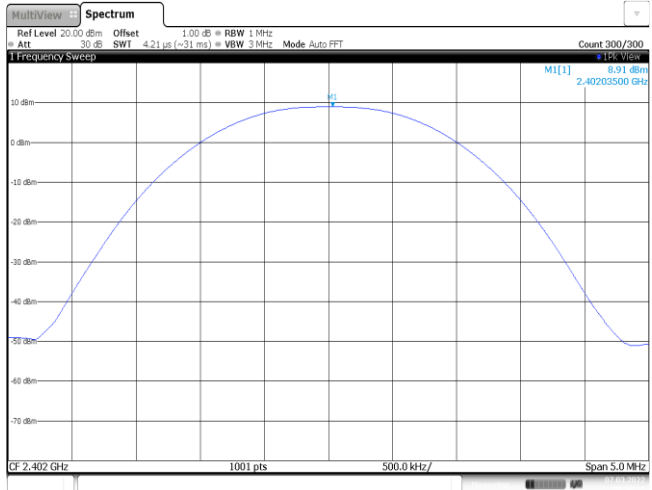
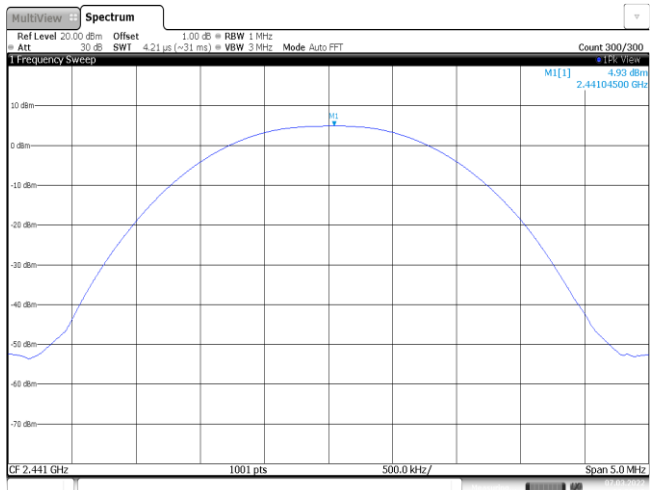
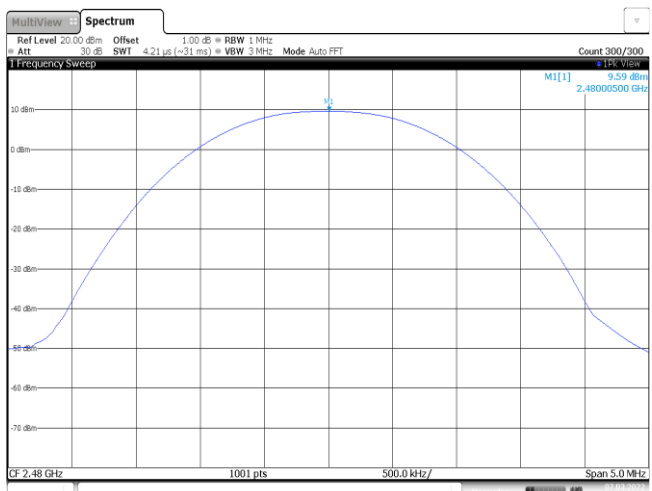
APPENDIX REPORT

Project No.	SHT2202043703EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT22020437006	Model No.	L681
Start test date	2022-03-07	Finish date	2022-03-07
Temperature	23.6℃	Humidity	36%
Test Engineer	Xiaoqin Li	Auditor	Xiaodong Zhuo

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	8.91	8.88	≤ 30.00	Pass
	39	4.93	4.91		
	78	9.59	9.55		
$\pi/4$ DQPSK	00	8.31	8.27	≤ 21.00	Pass
	39	4.13	4.08		
	78	9.64	9.57		
8DPSK	00	8.33	8.29	≤ 21.00	Pass
	39	4.12	4.08		
	78	9.81	9.73		

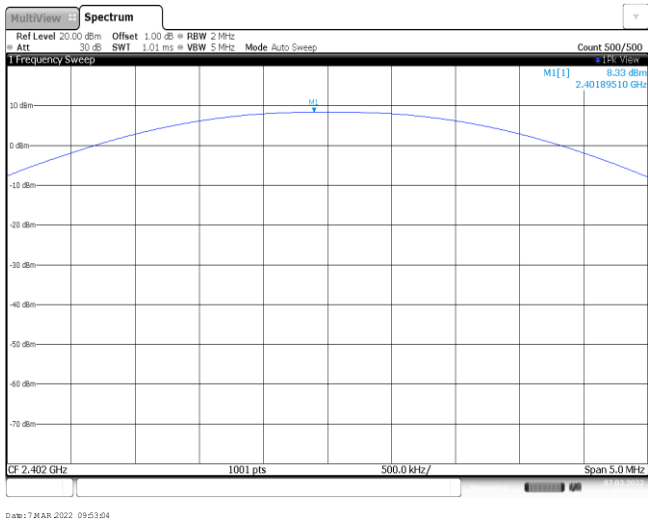
Modulation Type:	GFSK
CH00	 Ref Level 20.00 dBm Offset 1.00 dB RBW 1 MHz Att 30 dB SWI 4.21 us (~31 ms) VBW 3 MHz Mode Auto FFT Count 300/300 1 Frequency Sweep M1[1] 9.91 dBm 2.4020500 GHz CF 2.402 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 7 MAR 2022 09:36:20
CH39	 Ref Level 20.00 dBm Offset 1.00 dB RBW 1 MHz Att 30 dB SWI 4.21 us (~31 ms) VBW 3 MHz Mode Auto FFT Count 300/300 1 Frequency Sweep M1[1] 4.93 dBm 2.44104500 GHz CF 2.441 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 7 MAR 2022 09:38:49
CH78	 Ref Level 20.00 dBm Offset 1.00 dB RBW 1 MHz Att 30 dB SWI 4.21 us (~31 ms) VBW 3 MHz Mode Auto FFT Count 300/300 1 Frequency Sweep M1[1] 9.59 dBm 2.48000500 GHz CF 2.48 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 7 MAR 2022 09:42:06

Modulation Type:		$\pi/4$ DQPSK
CH00		
CH39		
CH78		

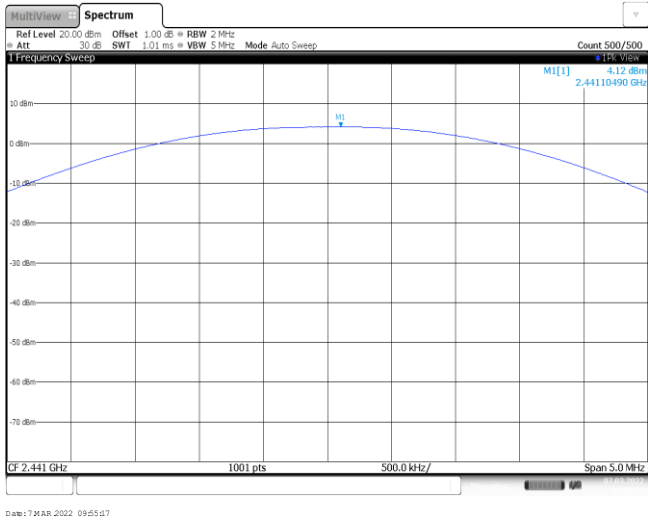
Modulation Type:

8DPSK

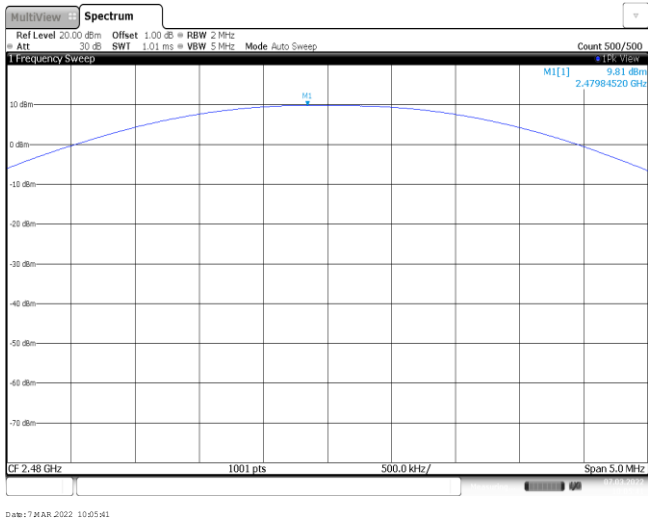
CH00



CH39



CH78



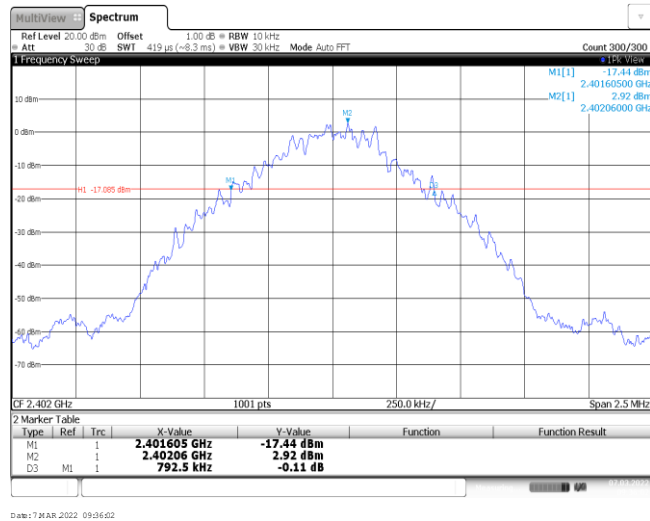
Appendix B : 20 dB Bandwidth

Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	792.50	-	Pass
	39	792.50		
	78	795.00		
$\pi/4$ DQPSK	00	1257.50	-	Pass
	39	1255.00		
	78	1257.50		
8DPSK	00	1267.50	-	Pass
	39	1272.50		
	78	1257.50		

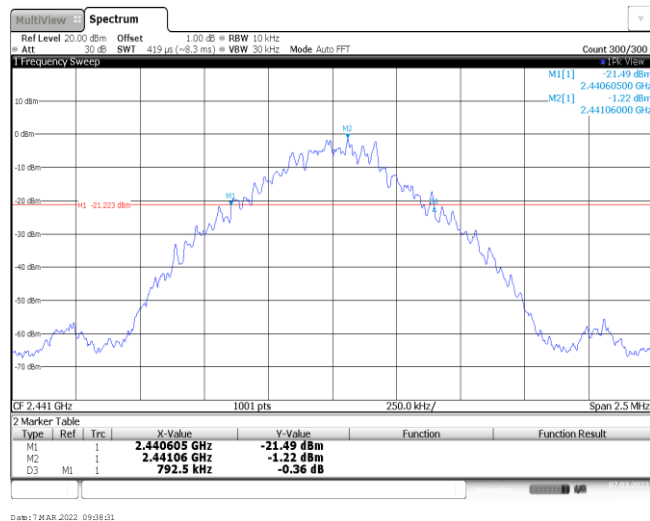
Modulation Type:

GFSK

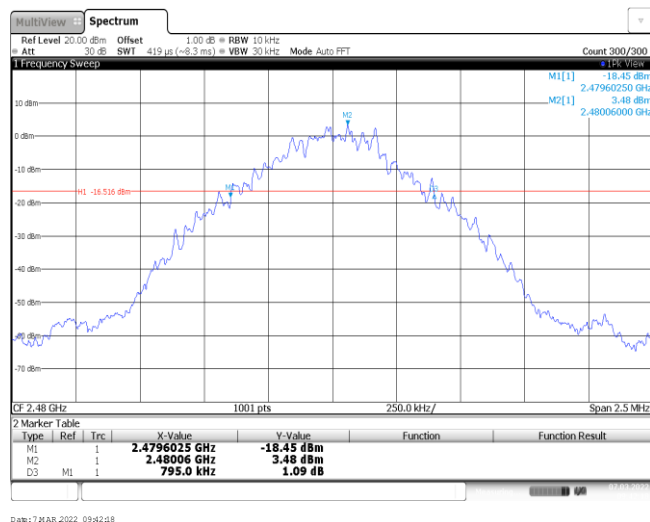
CH00



CH39



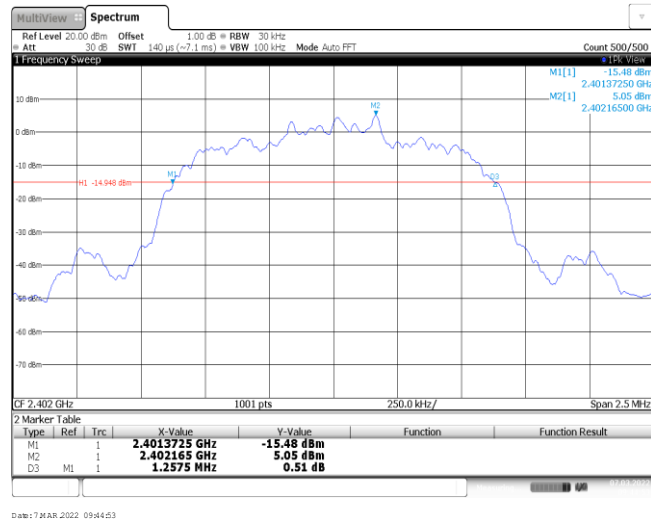
CH78



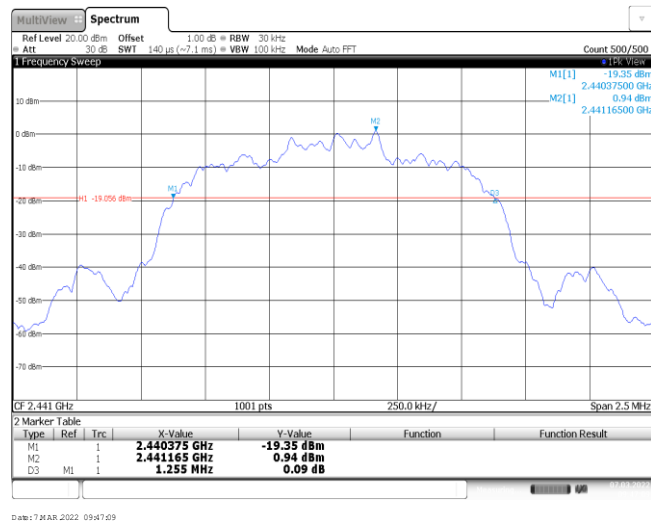
Modulation Type:

 $\pi/4$ DQPSK

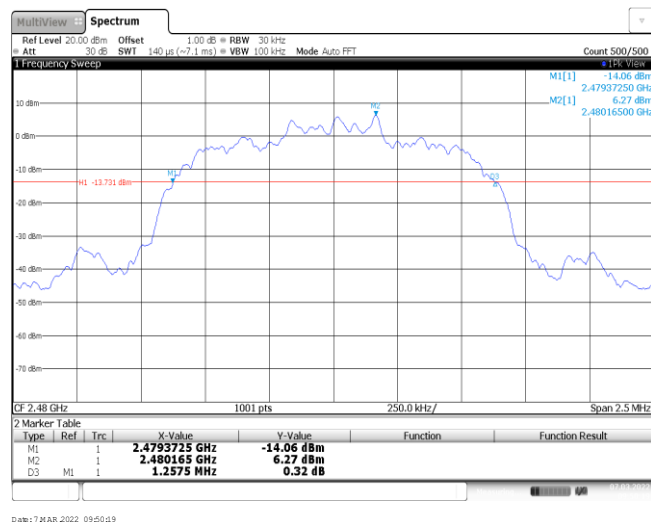
CH00



CH39



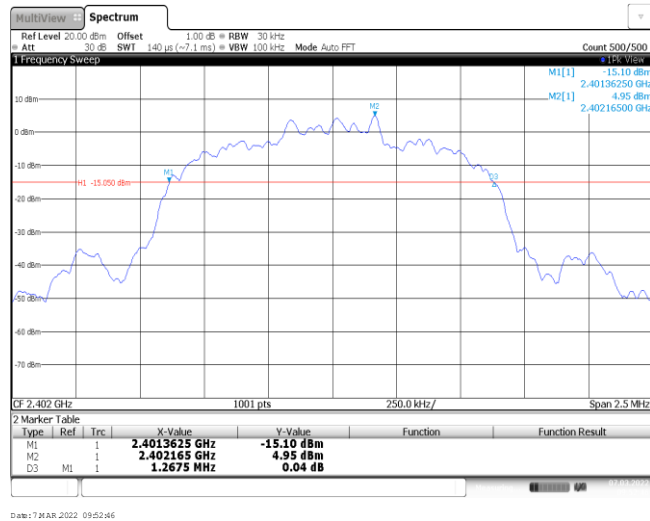
CH78



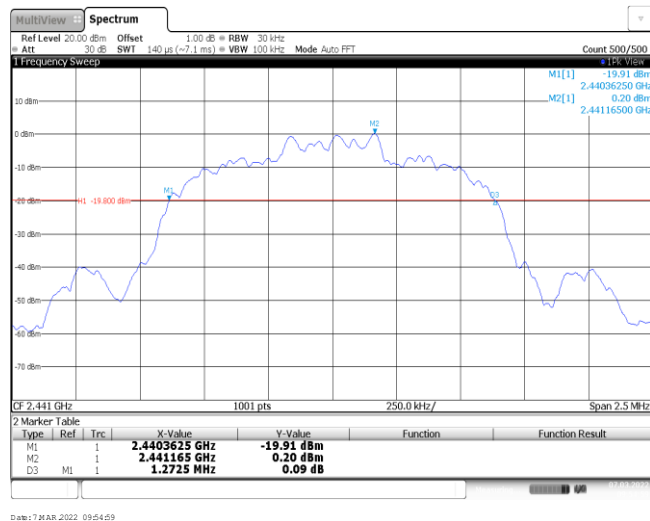
Modulation Type:

8DPSK

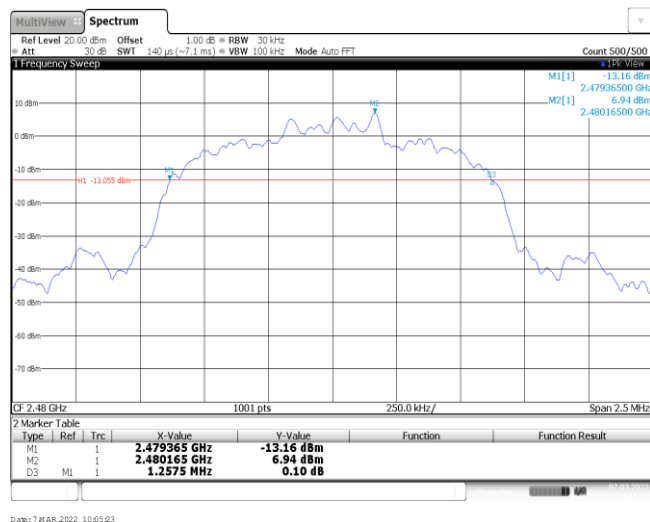
CH00



CH39



CH78



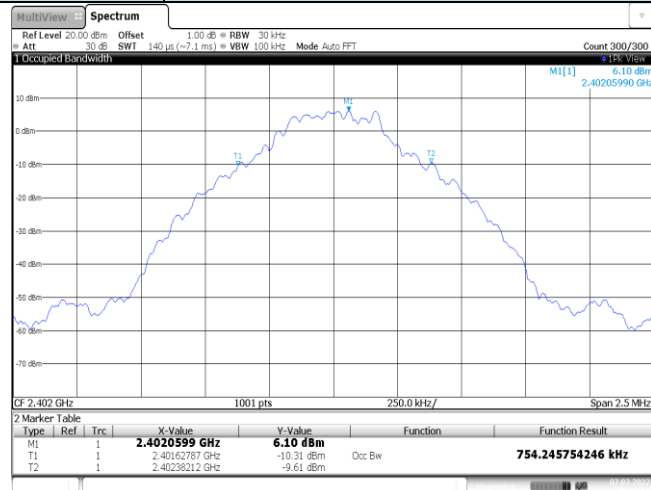
Appendix C: 99% Occupied Bandwidth

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.75	-	Pass
	39	0.75		
	78	0.76		
$\pi/4$ DQPSK	00	1.14	-	Pass
	39	1.14		
	78	1.15		
8DPSK	00	1.14	-	Pass
	39	1.14		
	78	1.15		

Modulation Type:

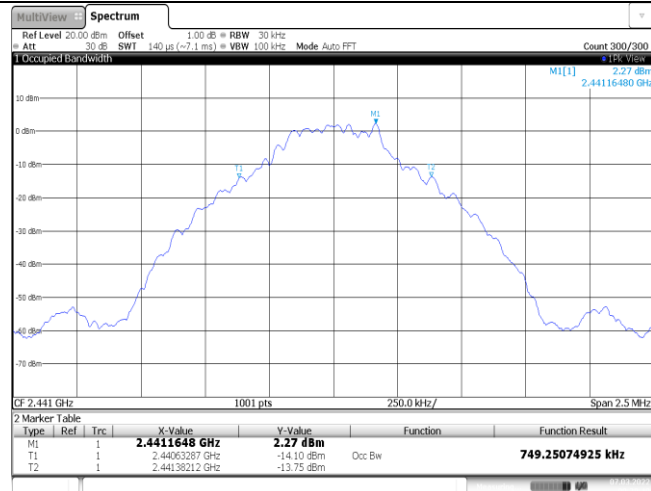
GFSK

CH00



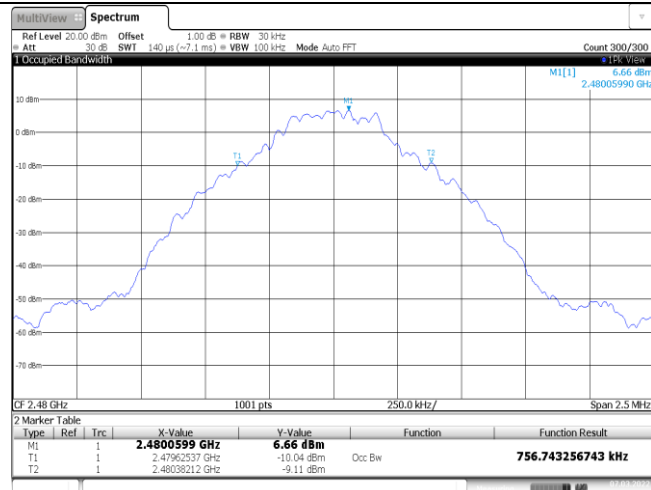
Date: 7 MAR 2022 09:36:11

CH39



Date: 7 MAR 2022 09:38:39

CH78



Date: 7 MAR 2022 09:42:27

Modulation Type:

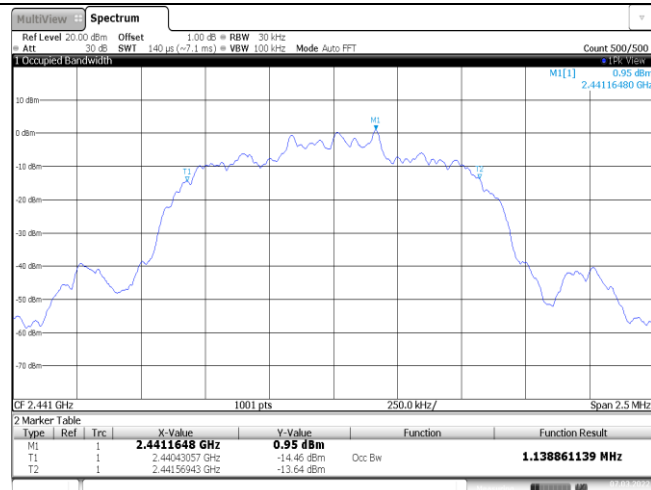
 $\pi/4$ DQPSK

CH00



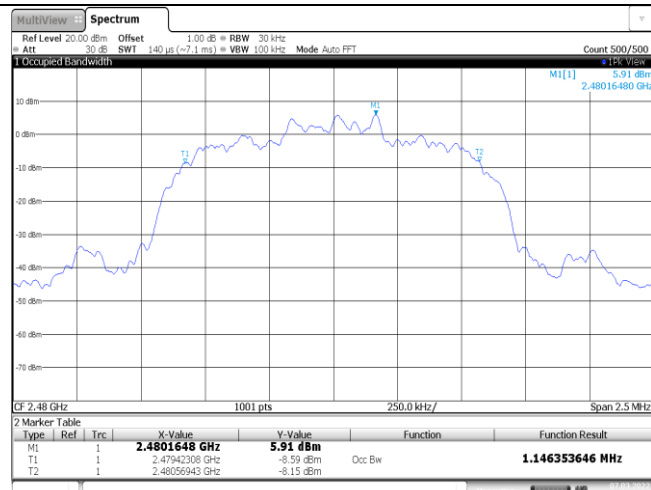
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CH39



Date: 7 MAR 2022 09:47:18

CH78



Date: 7 MAR 2022 09:50:28

Modulation Type:

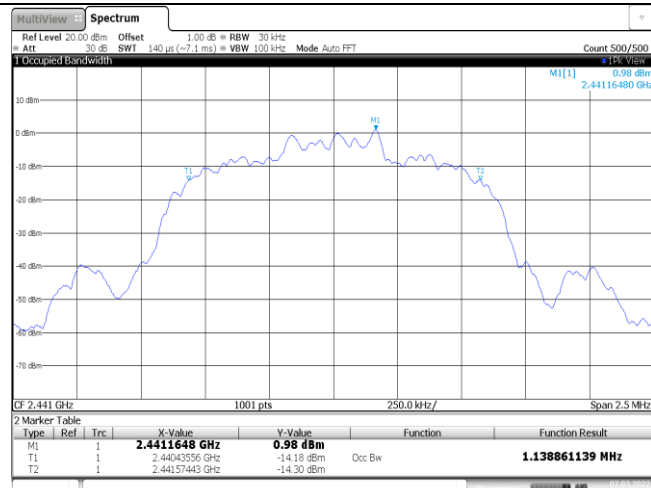
8DPSK

CH00



Date: 7 MAR 2022 09:52:55

CH39



Date: 7 MAR 2022 09:55:07

CH78



Date: 7 MAR 2022 10:05:01

Appendix D: Carrier Frequencies Separation

Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥ 795.00	Pass
$\pi/4$ DQPSK	39	1.00	≥ 838.33	Pass
8DPSK	39	1.00	≥ 848.33	Pass

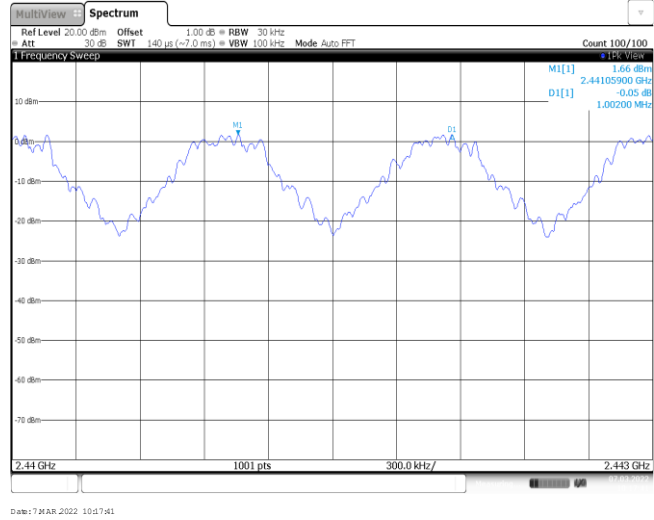
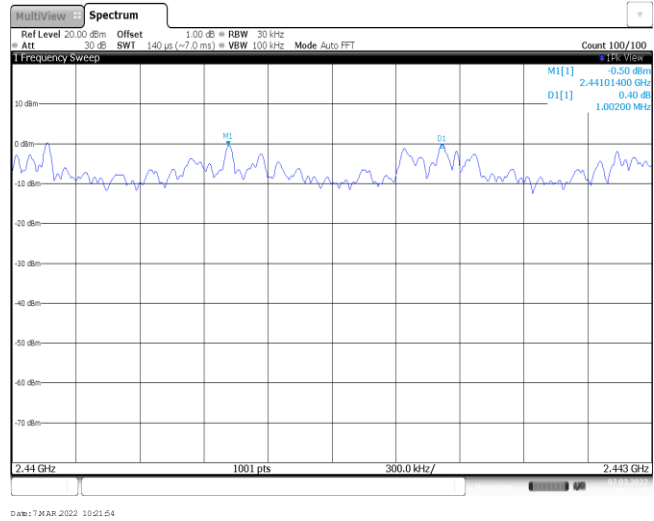
Note:

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

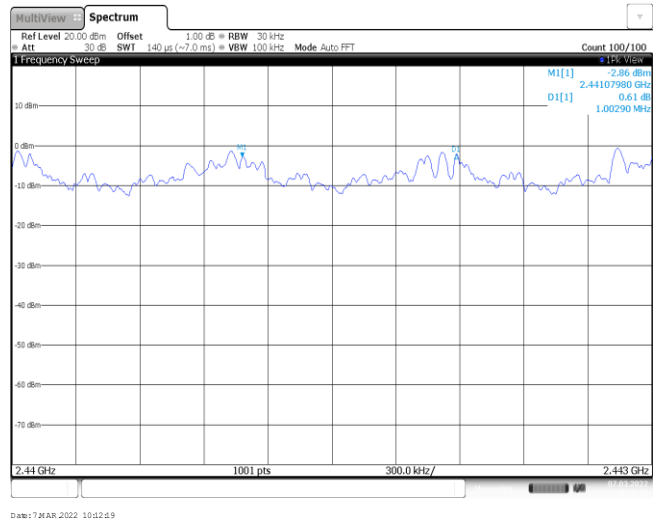
$\pi/4$ DQPSK limit = $2/3$ * The maximum 20 dB Bandwidth for $\pi/4$ DQPSK modulation on the appendix B.

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

GFSK

 $\pi/4$ DQPSK

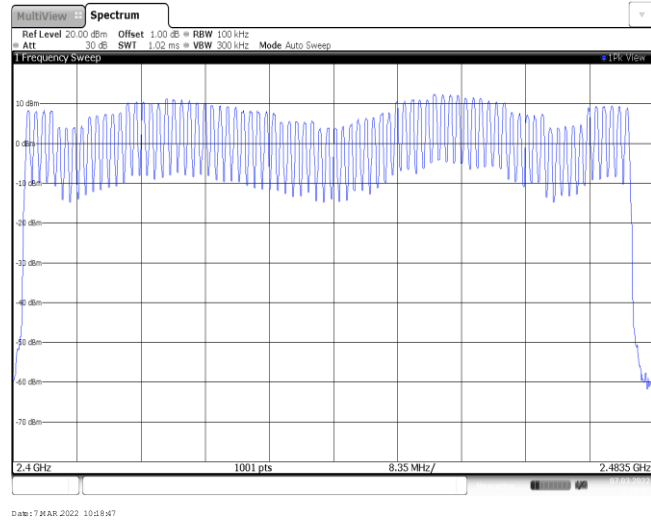
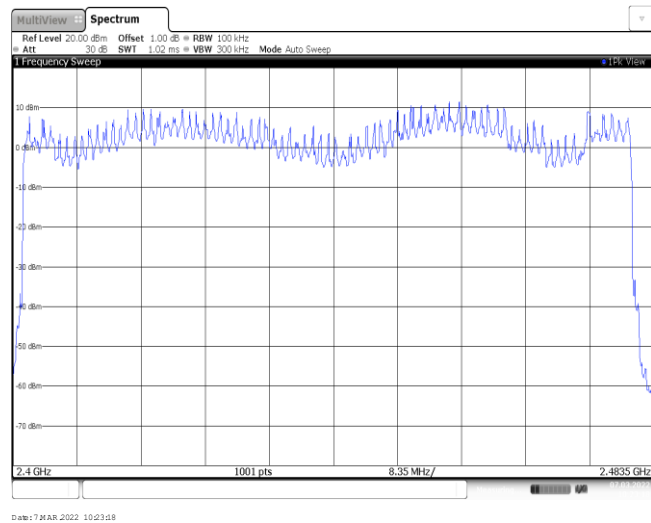
8DPSK



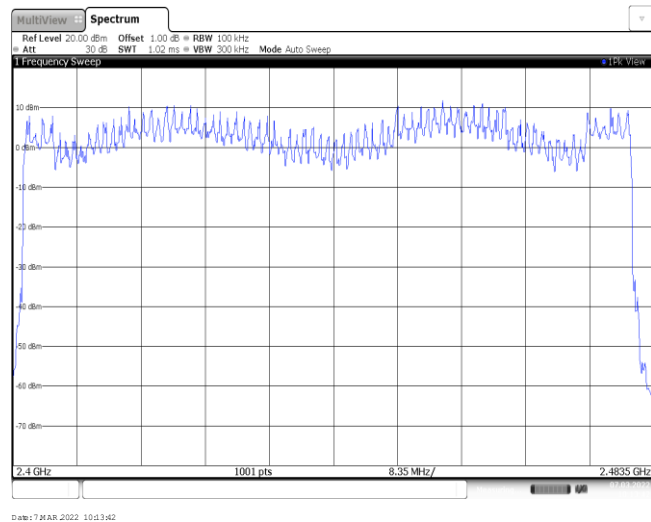
Appendix E: Hopping Channel Number

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

GFSK

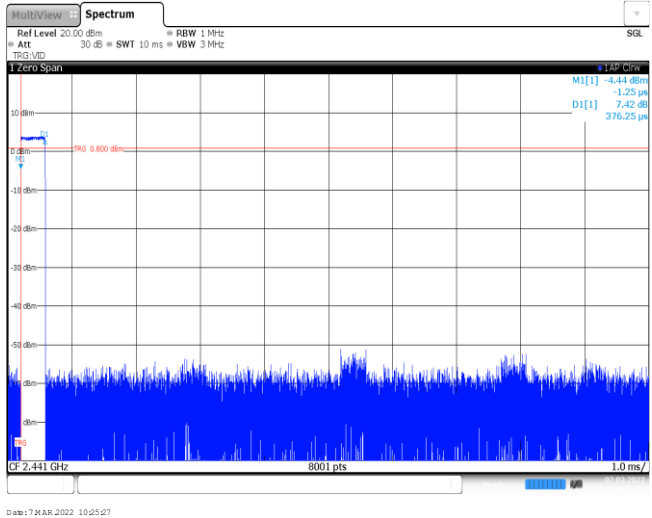
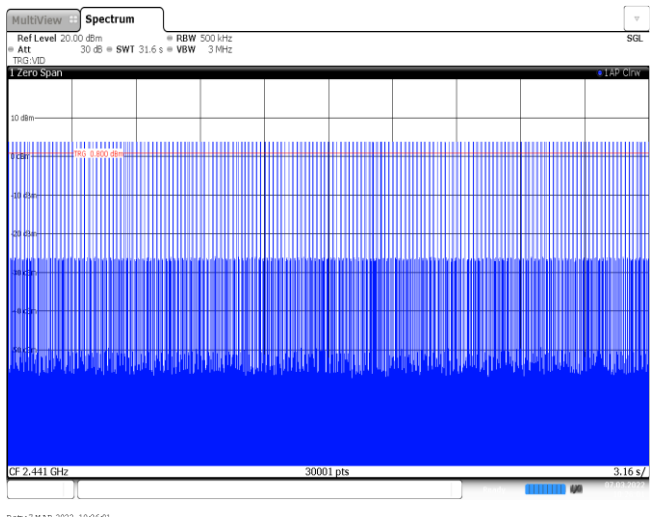
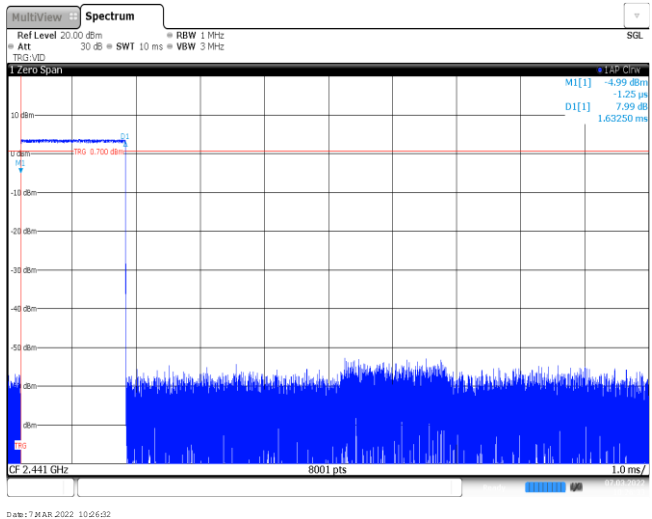
 $\pi/4$ DQPSK

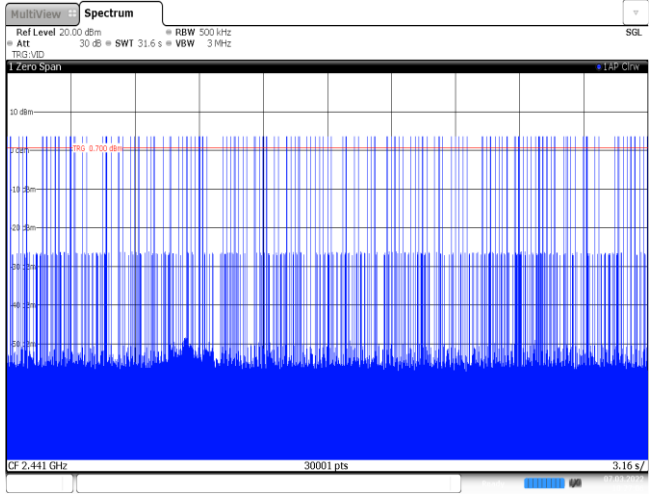
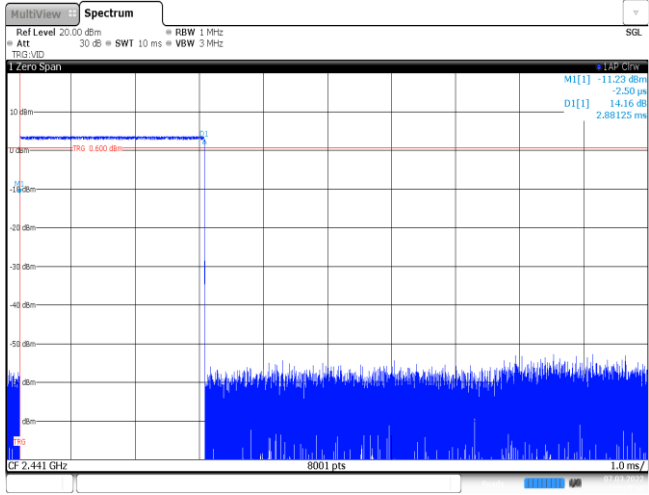
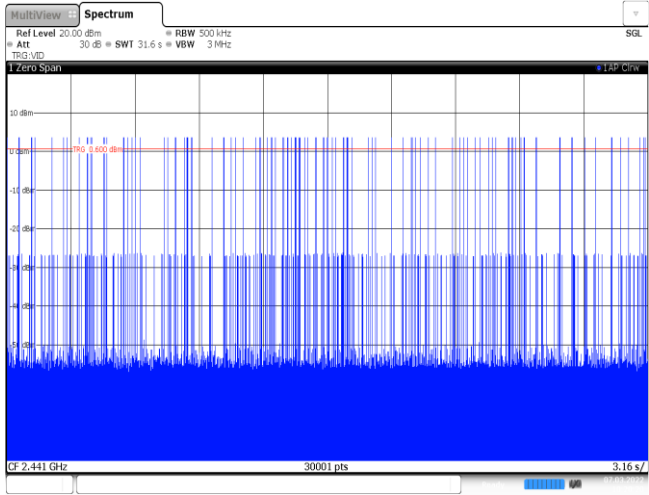
8DPSK

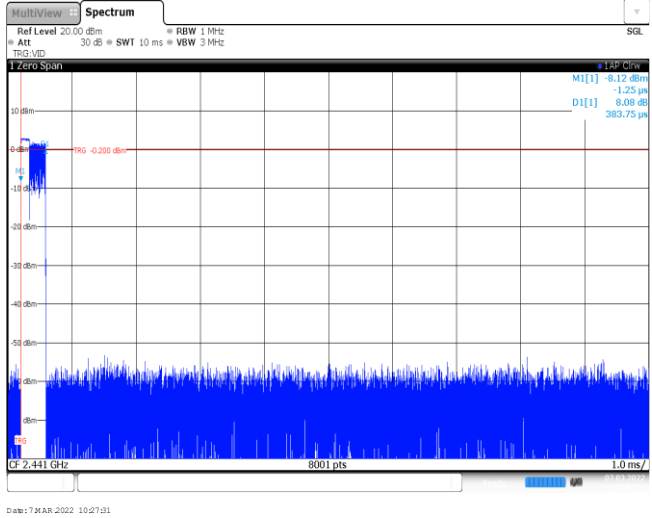
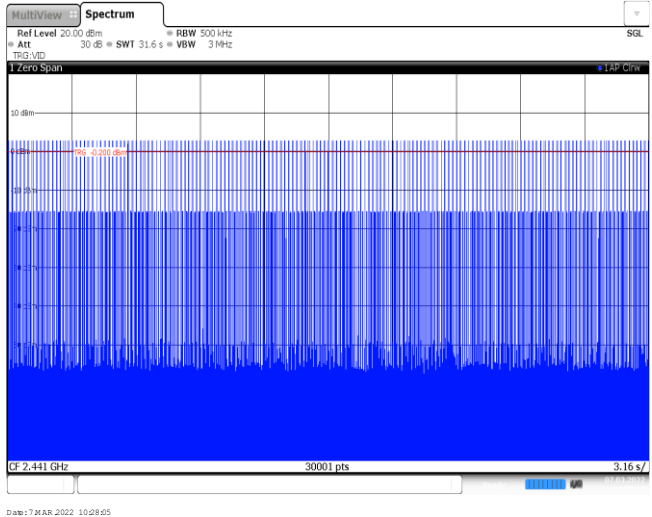
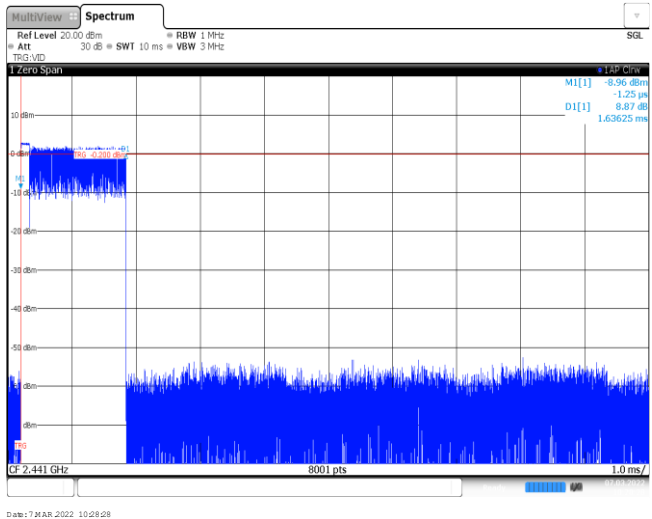


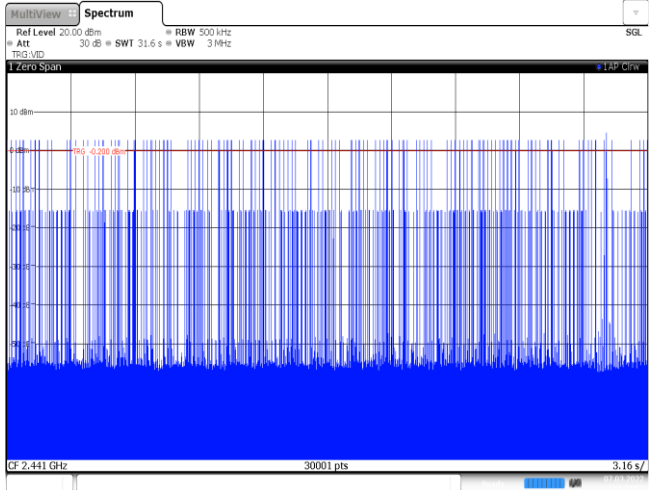
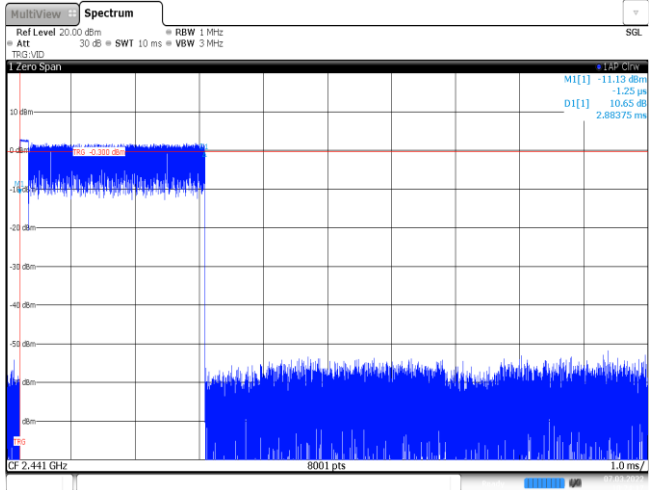
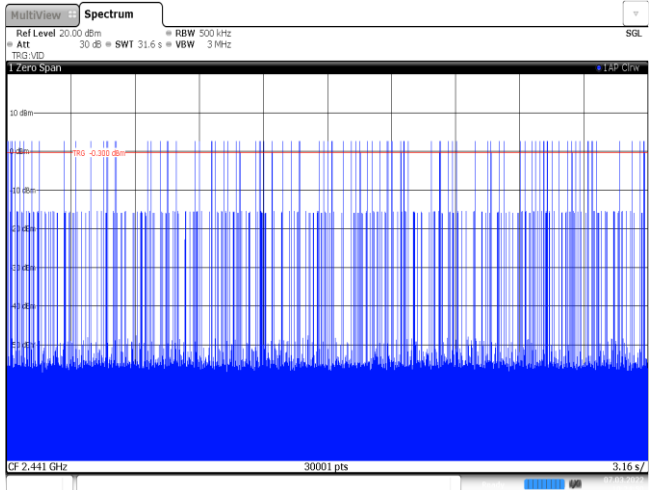
Appendix F: Dwell Time

Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.38	315	0.12	≤ 0.40	Pass
	DH3	1.63	159	0.26		
	DH5	2.88	105	0.30		
$\pi/4$ DQPSK	2DH1	0.38	315	0.12	≤ 0.40	Pass
	2DH3	1.64	156	0.26		
	2DH5	2.88	98	0.28		
8DPSK	3DH1	0.38	314	0.12	≤ 0.40	Pass
	3DH3	1.64	156	0.26		
	3DH5	2.89	106	0.31		

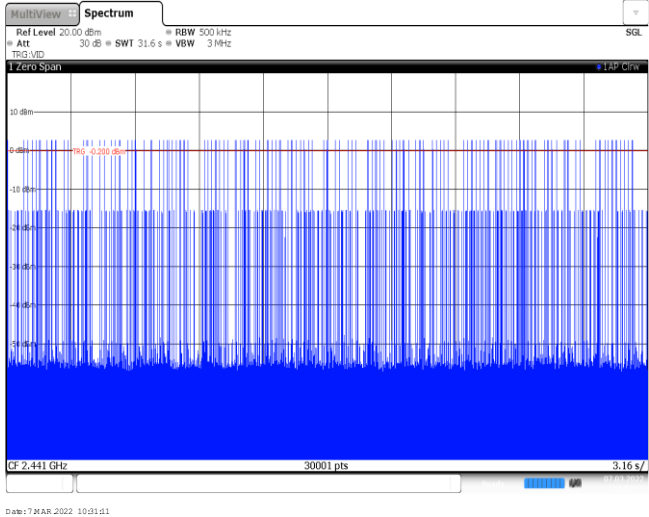
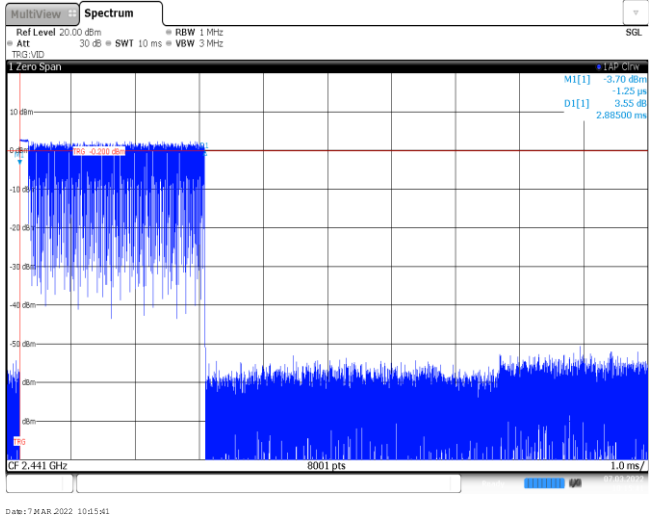
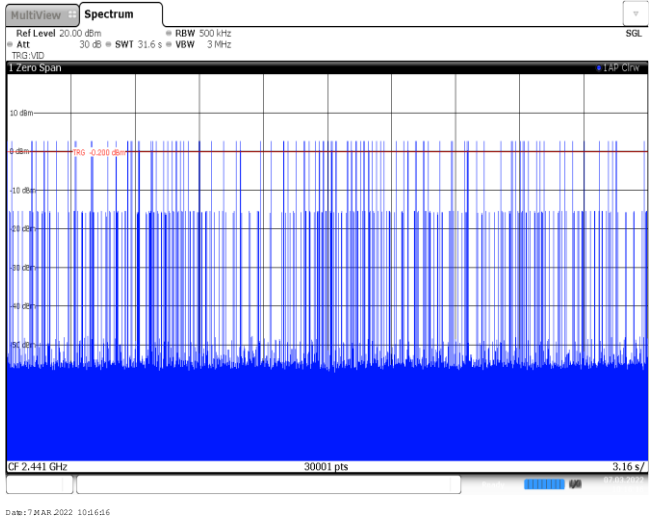
Modulation Type:	GFSK
DH1 Burst width	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 8001 pts. The y-axis represents power in dBm, ranging from -60 to 10. A red line indicates a reference level at 0 dBm. The signal is characterized by a sharp peak at the carrier frequency, with a bandwidth of approximately 1 MHz. The plot includes a 'Zero Span' view and a 'Spectrum' view. The 'Spectrum' view shows the signal's power spectral density (PSD) with a peak at 2.441 GHz. The 'Zero Span' view shows the signal's power spectrum with a peak at 2.441 GHz. The plot includes a 'Zero Span' view and a 'Spectrum' view. The 'Spectrum' view shows the signal's power spectral density (PSD) with a peak at 2.441 GHz. The 'Zero Span' view shows the signal's power spectrum with a peak at 2.441 GHz.
DH1 Burst number	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 30001 pts. The y-axis represents power in dBm, ranging from -60 to 10. A red line indicates a reference level at 0 dBm. The signal is characterized by a sharp peak at the carrier frequency, with a bandwidth of approximately 1 MHz. The plot includes a 'Zero Span' view and a 'Spectrum' view. The 'Spectrum' view shows the signal's power spectral density (PSD) with a peak at 2.441 GHz. The 'Zero Span' view shows the signal's power spectrum with a peak at 2.441 GHz.
DH3 Burst width	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 8001 pts. The y-axis represents power in dBm, ranging from -60 to 10. A red line indicates a reference level at 0 dBm. The signal is characterized by a sharp peak at the carrier frequency, with a bandwidth of approximately 1 MHz. The plot includes a 'Zero Span' view and a 'Spectrum' view. The 'Spectrum' view shows the signal's power spectral density (PSD) with a peak at 2.441 GHz. The 'Zero Span' view shows the signal's power spectrum with a peak at 2.441 GHz.

DH3 Burst number	 The screenshot shows a spectrum analyzer interface with the title 'Spectrum'. The y-axis represents power in dBm, ranging from -90 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. A red horizontal line is drawn at approximately -20 dBm. The plot shows a dense, noisy signal across the entire frequency range. The status bar at the bottom indicates 'CF 2.441 GHz', '30001 pts', and '3.16 s'.
DH5 Burst width	 The screenshot shows a spectrum analyzer interface with the title 'Spectrum'. The y-axis represents power in dBm, ranging from -90 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. A red horizontal line is drawn at approximately -20 dBm. The plot shows a dense, noisy signal across the entire frequency range. The status bar at the bottom indicates 'CF 2.441 GHz', '8001 pts', and '1.0 ms'.
DH5 Burst number	 The screenshot shows a spectrum analyzer interface with the title 'Spectrum'. The y-axis represents power in dBm, ranging from -90 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. A red horizontal line is drawn at approximately -20 dBm. The plot shows a dense, noisy signal across the entire frequency range. The status bar at the bottom indicates 'CF 2.441 GHz', '30001 pts', and '3.16 s'.

Modulation Type:	$\pi/4$ DQPSK
2DH1 Burst width	 The spectrum plot shows a single burst of signal at 2.441 GHz. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. A red trace shows the signal envelope, and a blue trace shows the noise floor. A red horizontal line is drawn at -20 dBm. The plot includes a 'Zero Span' view and a 'Spectrum' view. The 'Spectrum' view shows a single peak at 2.441 GHz. The 'Zero Span' view shows the signal envelope. The plot includes a 'MultiView' button and a 'Spectrum' button. The plot includes a 'Ref Level' of 20.00 dBm, an 'Att' of 30 dB, a 'SWT' of 10 ms, and a 'VBW' of 3 MHz. The plot includes a 'Date' of 7 MAR 2022 10:27:31.
2DH1 Burst number	 The spectrum plot shows a continuous signal at 2.441 GHz. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. A red trace shows the signal envelope, and a blue trace shows the noise floor. A red horizontal line is drawn at -20 dBm. The plot includes a 'Zero Span' view and a 'Spectrum' view. The 'Spectrum' view shows a continuous signal at 2.441 GHz. The 'Zero Span' view shows the signal envelope. The plot includes a 'MultiView' button and a 'Spectrum' button. The plot includes a 'Ref Level' of 20.00 dBm, an 'Att' of 30 dB, a 'SWT' of 31.6 s, and a 'VBW' of 3 MHz. The plot includes a 'Date' of 7 MAR 2022 10:28:05.
2DH3 Burst width	 The spectrum plot shows a single burst of signal at 2.441 GHz. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. A red trace shows the signal envelope, and a blue trace shows the noise floor. A red horizontal line is drawn at -20 dBm. The plot includes a 'Zero Span' view and a 'Spectrum' view. The 'Spectrum' view shows a single peak at 2.441 GHz. The 'Zero Span' view shows the signal envelope. The plot includes a 'MultiView' button and a 'Spectrum' button. The plot includes a 'Ref Level' of 20.00 dBm, an 'Att' of 30 dB, a 'SWT' of 10 ms, and a 'VBW' of 3 MHz. The plot includes a 'Date' of 7 MAR 2022 10:28:28.

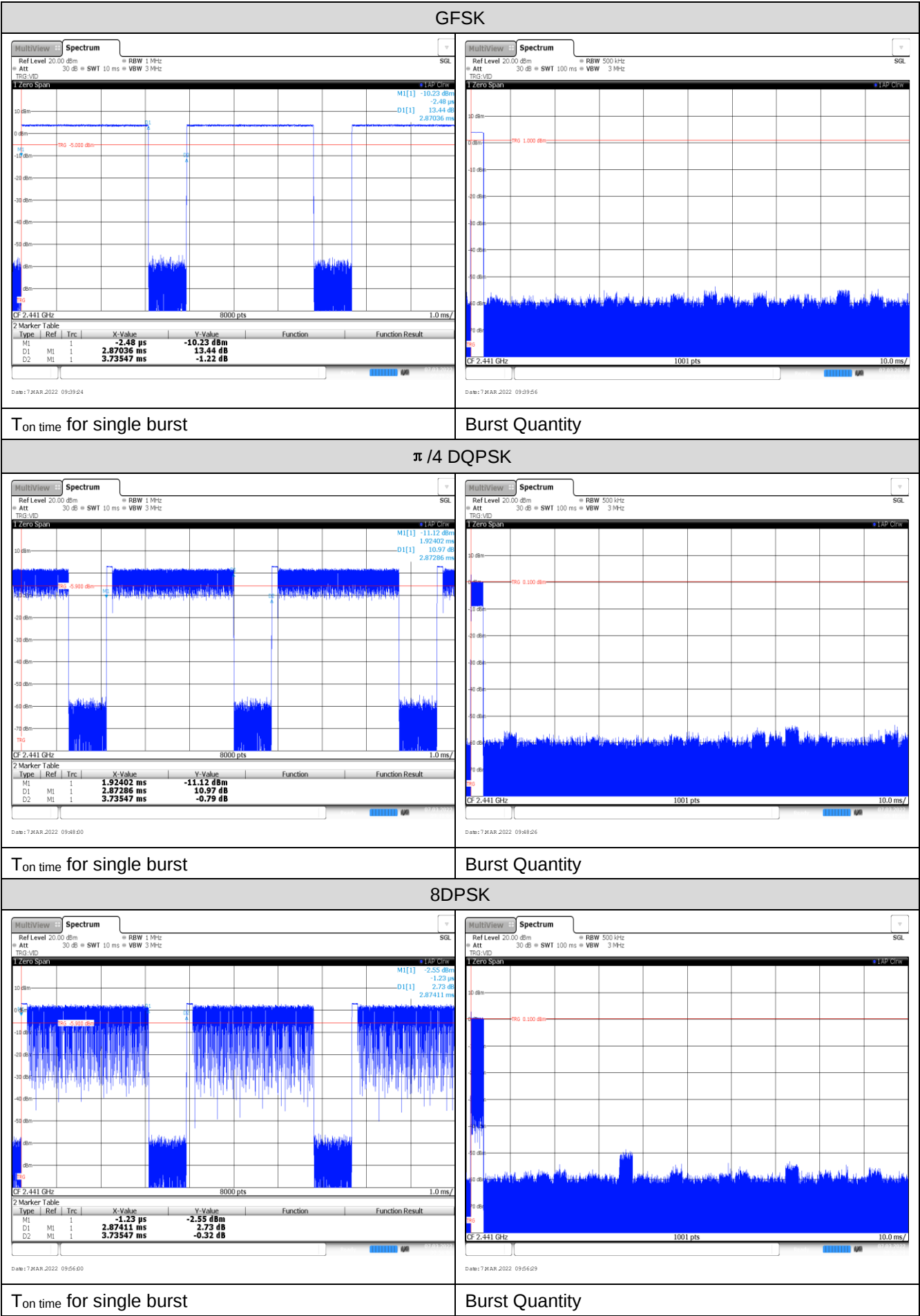
2DH3 Burst number	 The spectrum plot shows a dense signal across the frequency range from 2.441 GHz to 3.16 GHz. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents frequency in GHz. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, SWT 31.6 s, RBW 500 kHz, VSW 3 MHz. The signal is centered around 2.441 GHz.
2DH5 Burst width	 The spectrum plot shows a signal burst between 2.441 GHz and 2.88375 MHz. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents frequency in GHz. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, SWT 10 ms, RBW 1 MHz, VSW 3 MHz. The signal is centered around 2.441 GHz.
2DH5 Burst number	 The spectrum plot shows a dense signal across the frequency range from 2.441 GHz to 3.16 GHz. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents frequency in GHz. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, SWT 31.6 s, RBW 500 kHz, VSW 3 MHz. The signal is centered around 2.441 GHz.

Appendix report page: 23 of 41

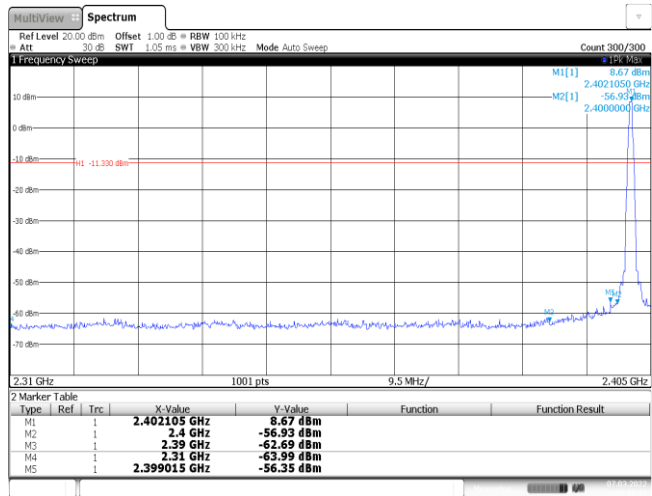
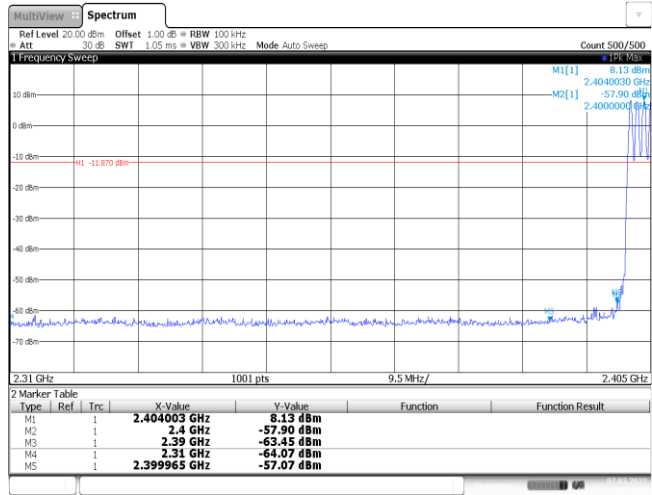
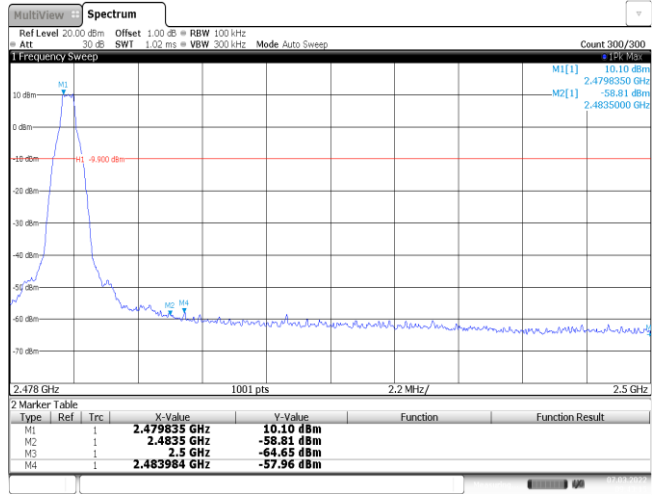
3DH3 Burst number	 The spectrum plot shows a dense, continuous signal across the frequency range from 2.441 GHz to 3.16 GHz. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in GHz. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, RBW 500 kHz, SWT 31.6 s, VSW 3 MHz. The date is 7 MAR 2022 10:31:11.
3DH5 Burst width	 The spectrum plot shows a signal burst that starts at approximately 2.441 GHz and ends at approximately 2.85 GHz. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in GHz. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, RBW 1 MHz, SWT 10 ms, VSW 3 MHz. The date is 7 MAR 2022 10:51:41.
3DH5 Burst number	 The spectrum plot shows a dense, continuous signal across the frequency range from 2.441 GHz to 3.16 GHz. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in GHz. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, RBW 500 kHz, SWT 31.6 s, VSW 3 MHz. The date is 7 MAR 2022 10:16:16.

Appendix G: Duty Cycle Correction Factor (DCCF)

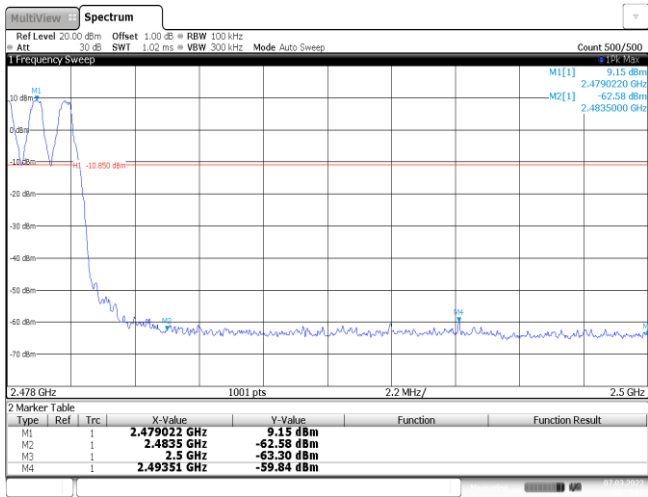
DCCF Calculate Formula					
$DCCF = 20 * \text{Log}(\text{duty cycle}) = 20 * \text{Log}(T_{\text{on time}} / T_{\text{period}})$					
Modulation type	Test Frequency (MHz)	$T_{\text{on time}}$ for single burst [ms]	T_{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.87	100	1	-30.84
$\pi/4$ DQPSK	2441	2.87	100	1	-30.84
8DPSK	2441	2.87	100	1	-30.84



Appendix H: Band edge and Spurious Emissions (conducted)

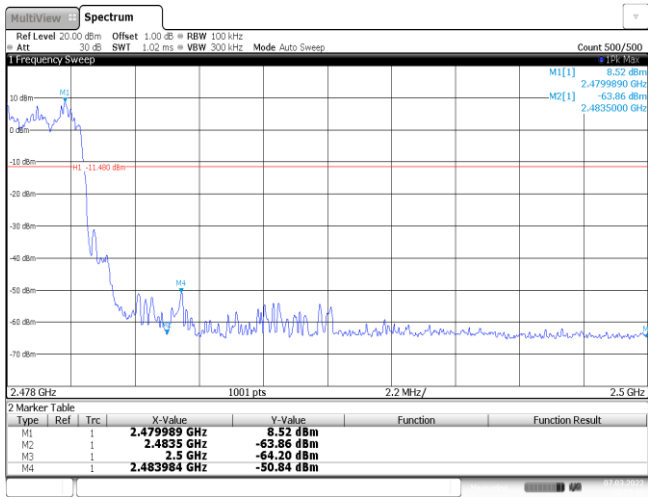
Test Item:	Band edge	Modulation type:	GFSK																																										
CH00 No hopping mode	 <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.402105 GHz</td><td>8.67 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-56.93 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-62.69 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.99 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399015 GHz</td><td>-56.35 dBm</td><td></td><td></td></tr></table> Date: 7 MAR 2022 09:37:11	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	8.67 dBm			M2	1		2.4 GHz	-56.93 dBm			M3	1		2.39 GHz	-62.69 dBm			M4	1		2.31 GHz	-63.99 dBm			M5	1		2.399015 GHz	-56.35 dBm				
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.402105 GHz	8.67 dBm																																									
M2	1		2.4 GHz	-56.93 dBm																																									
M3	1		2.39 GHz	-62.69 dBm																																									
M4	1		2.31 GHz	-63.99 dBm																																									
M5	1		2.399015 GHz	-56.35 dBm																																									
CH00 Hopping mode	 <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>8.13 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-57.90 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-63.45 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-64.07 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399965 GHz</td><td>-57.07 dBm</td><td></td><td></td></tr></table> Date: 7 MAR 2022 10:19:01	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404003 GHz	8.13 dBm			M2	1		2.4 GHz	-57.90 dBm			M3	1		2.39 GHz	-63.45 dBm			M4	1		2.31 GHz	-64.07 dBm			M5	1		2.399965 GHz	-57.07 dBm				
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.404003 GHz	8.13 dBm																																									
M2	1		2.4 GHz	-57.90 dBm																																									
M3	1		2.39 GHz	-63.45 dBm																																									
M4	1		2.31 GHz	-64.07 dBm																																									
M5	1		2.399965 GHz	-57.07 dBm																																									
CH78 No hopping mode	 <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>2.479835 GHz</td><td>10.10 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-58.81 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-64.65 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483984 GHz</td><td>-57.96 dBm</td><td></td><td></td></tr></table> Date: 7 MAR 2022 09:43:14	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479835 GHz	10.10 dBm			M2	1		2.4835 GHz	-58.81 dBm			M3	1		2.5 GHz	-64.65 dBm			M4	1		2.483984 GHz	-57.96 dBm											
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.479835 GHz	10.10 dBm																																									
M2	1		2.4835 GHz	-58.81 dBm																																									
M3	1		2.5 GHz	-64.65 dBm																																									
M4	1		2.483984 GHz	-57.96 dBm																																									

CH78
Hopping mode



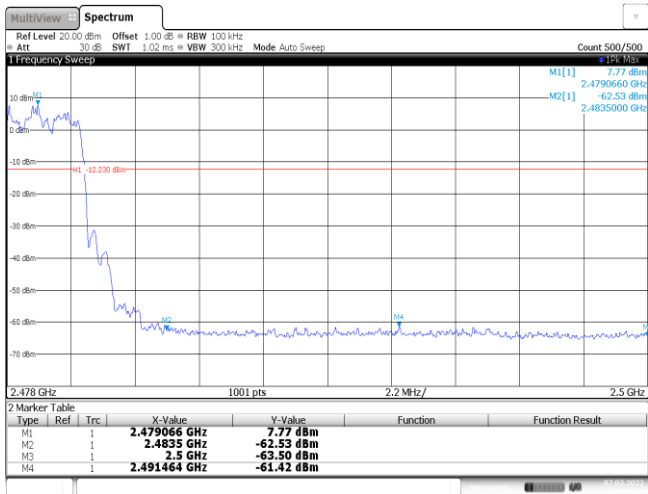
Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK
CH00 No hopping mode			

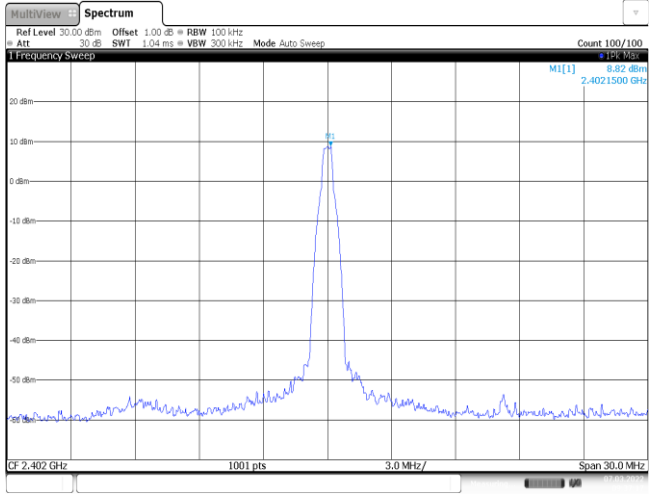
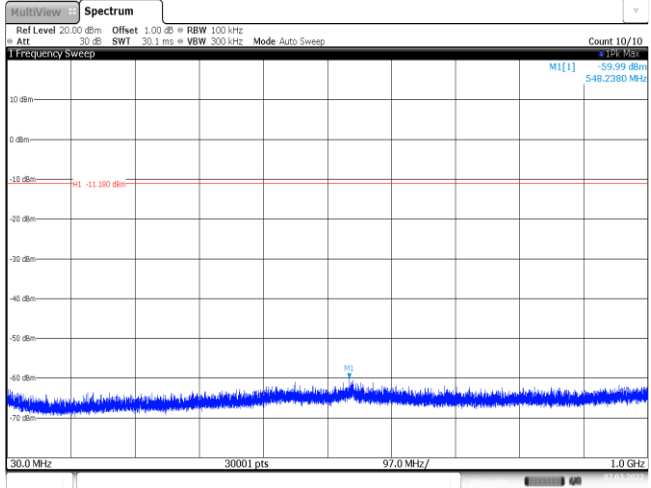
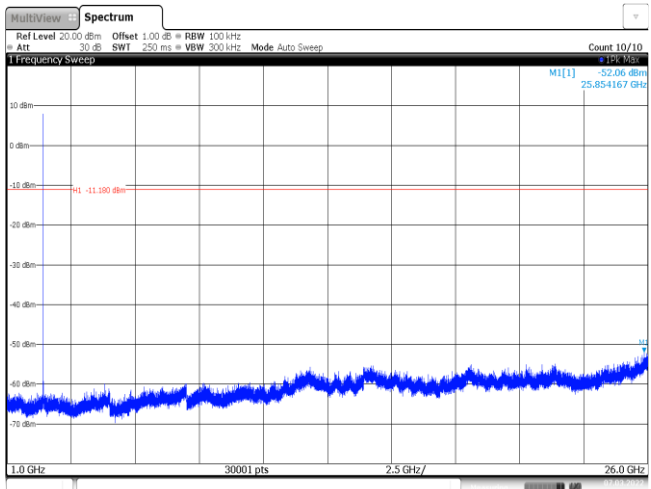
CH78
Hopping mode



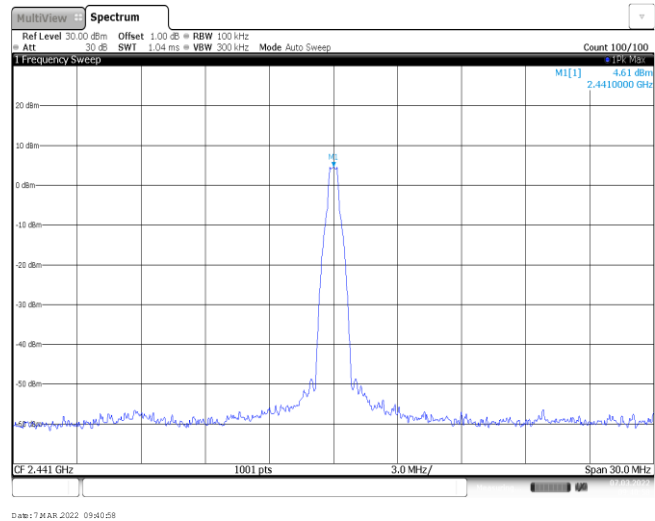
Test Item:	Band edge	Modulation type:	8DPSK
CH00 No hopping mode	</		

CH78
Hoppig mode

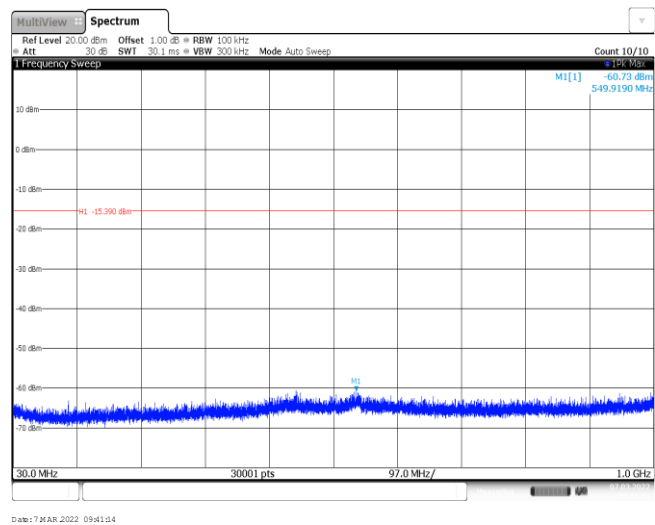


Test Item:	Spurious Emission	Modulation type:	GFSK
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CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

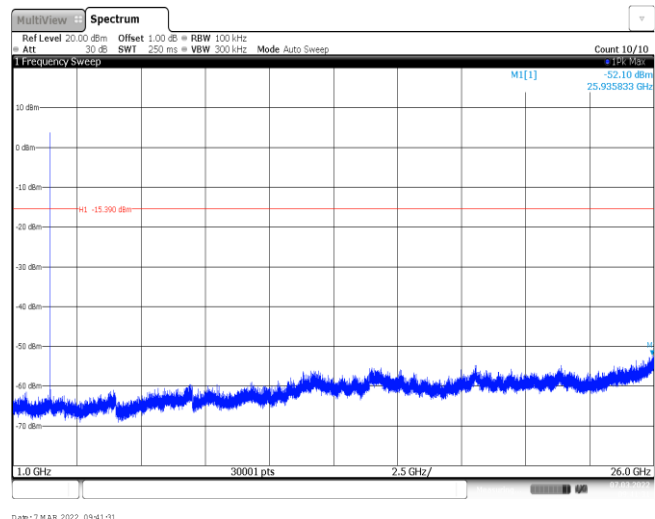
CH39
Reference level

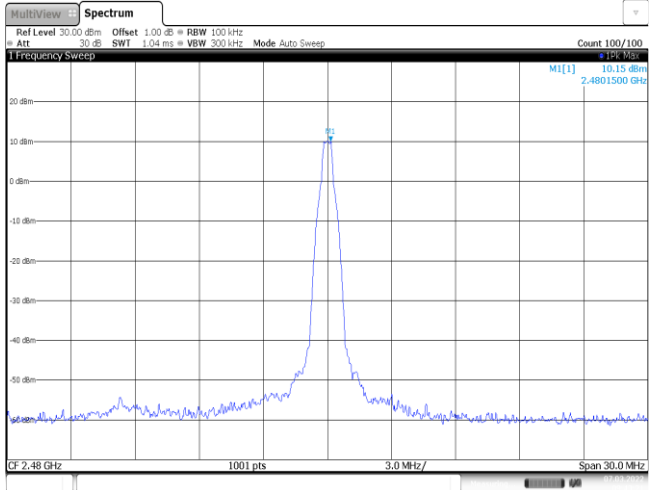
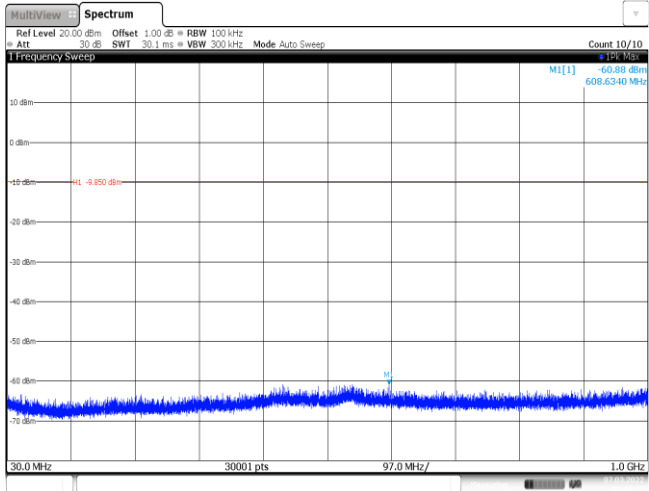
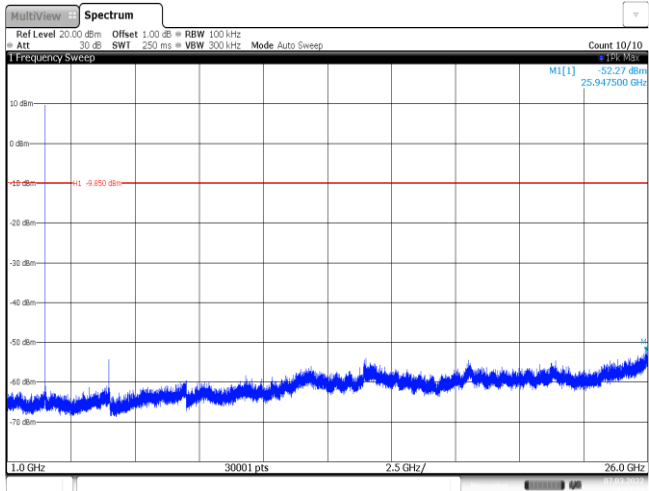


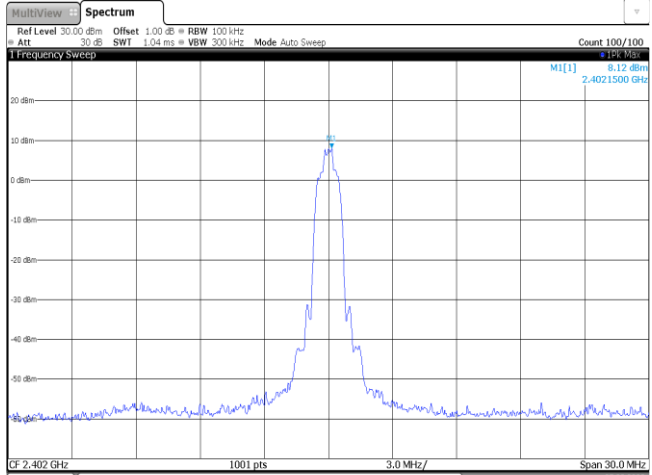
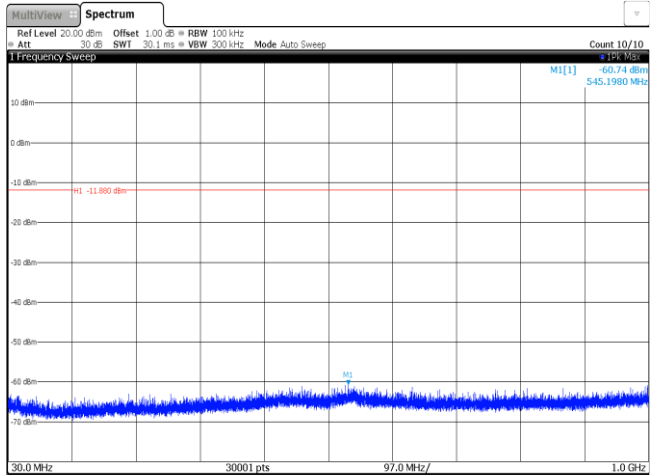
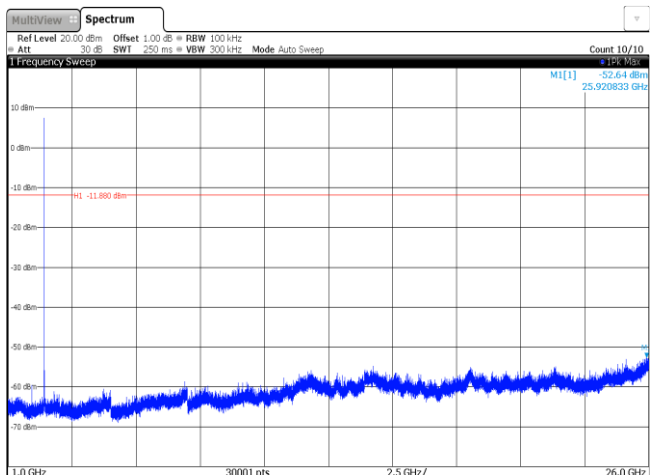
CH39
30MHz~1000MHz

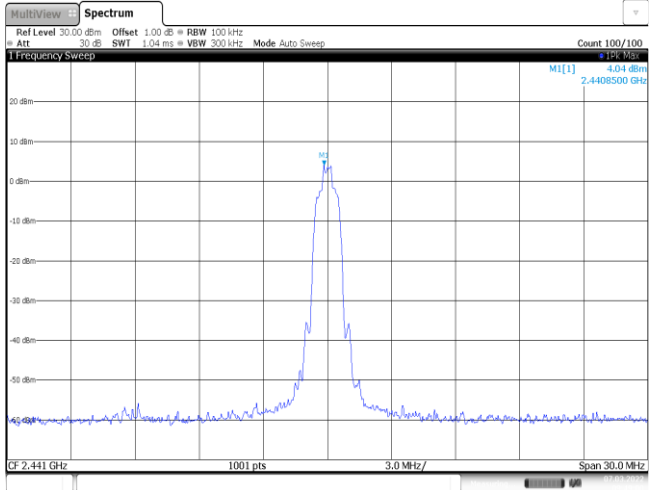
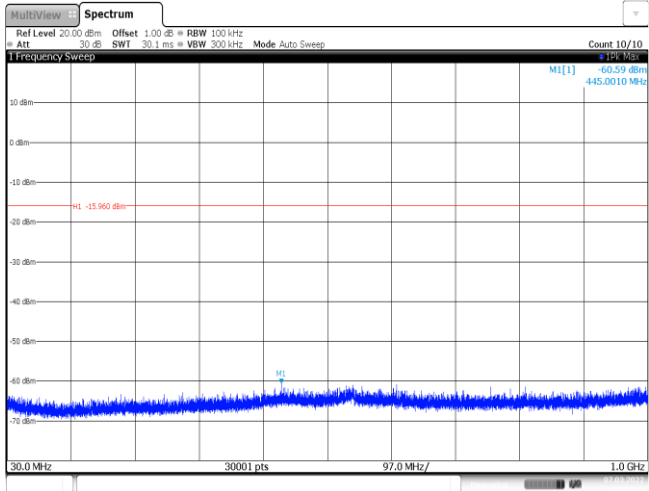
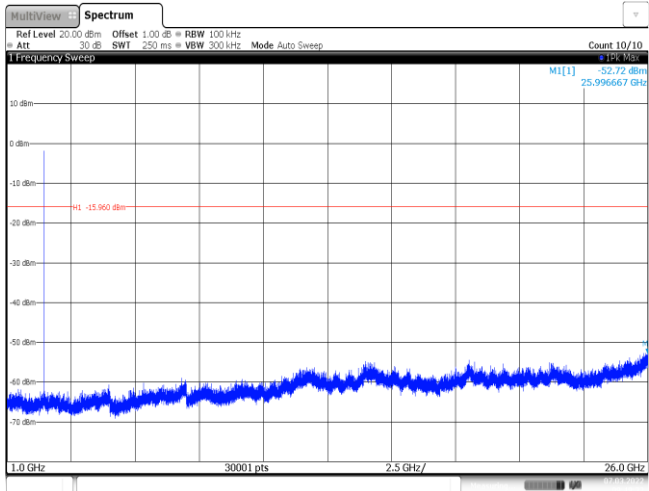


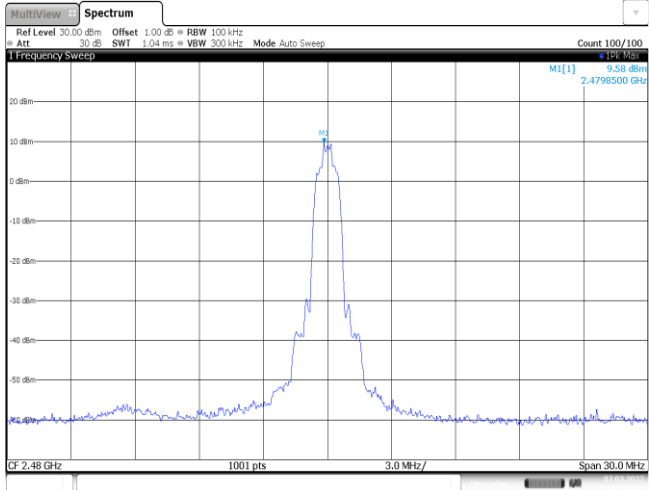
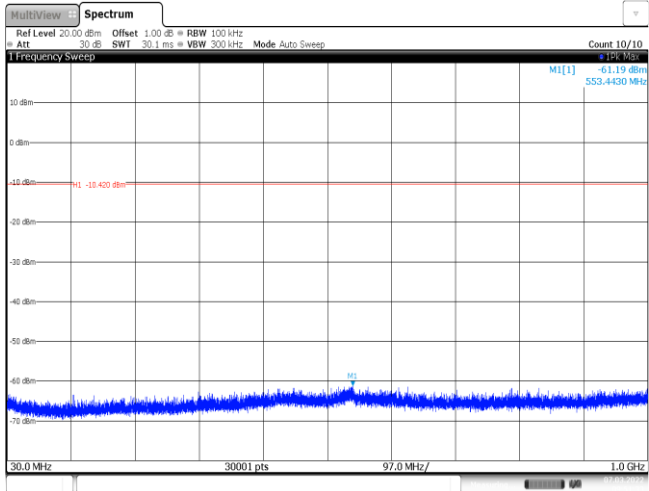
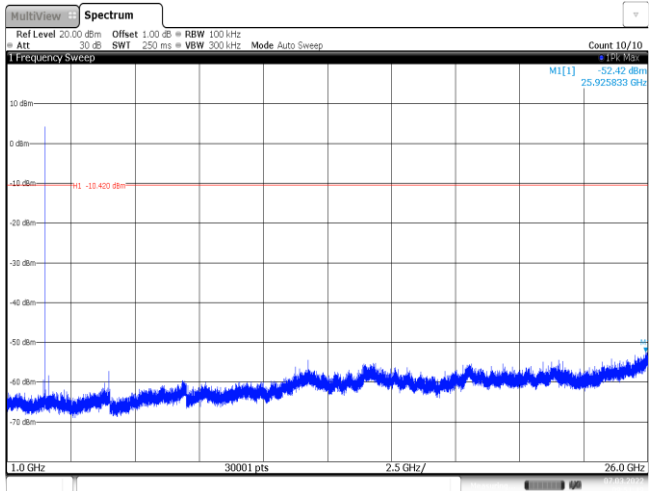
CH39
1GHz~26GHz

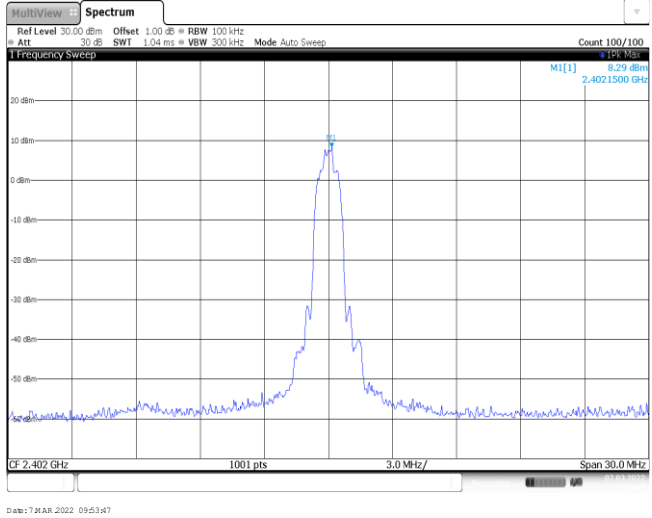
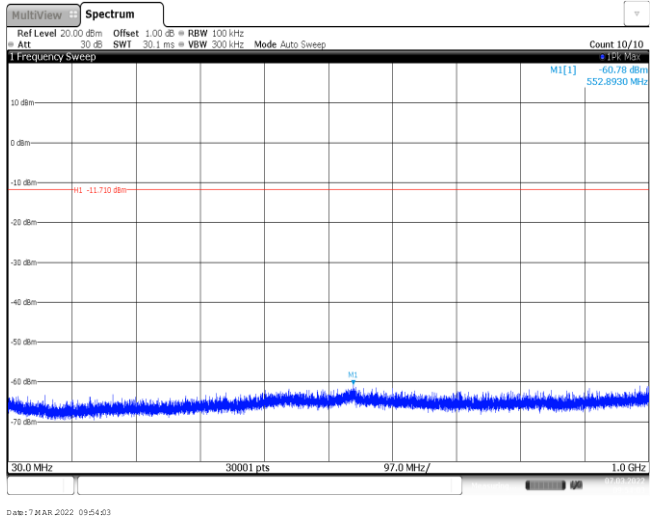
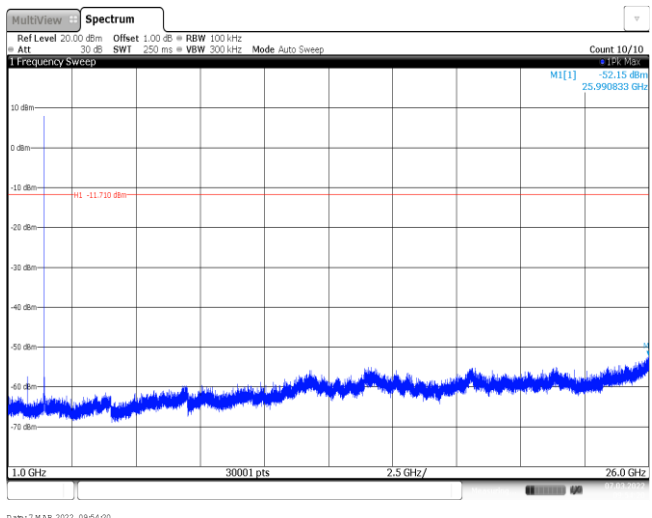


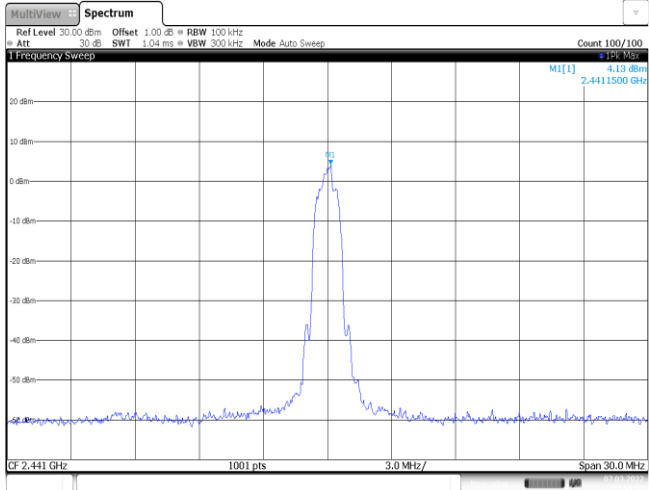
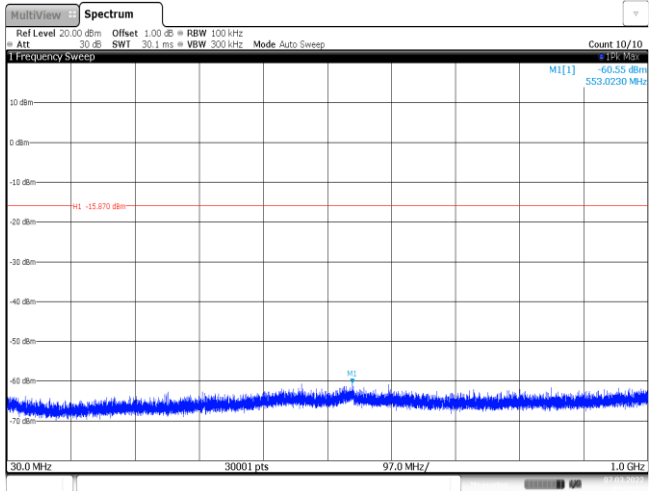
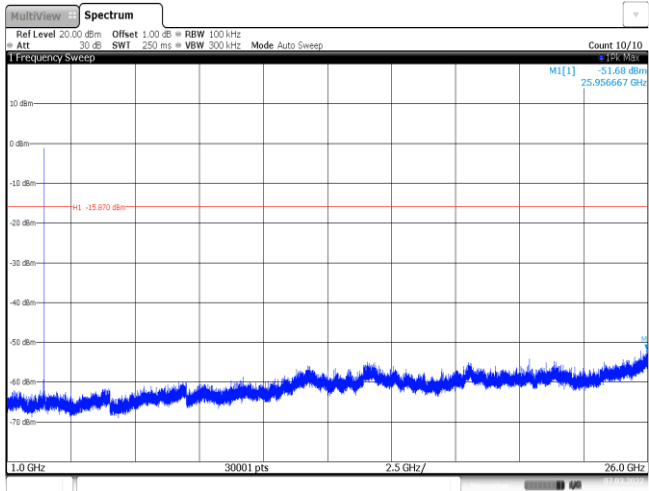
CH78 Reference level	 7 MAR 2022 09:43:01
CH78 30MHz~1000MHz	 7 MAR 2022 09:43:07
CH78 1GHz~26GHz	 7 MAR 2022 09:43:54

Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
CH00 Reference level	 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 M1[1] 8.12 dBm 2.4021500 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 7 MAR 2022 09:46:01		
CH00 30MHz~1000MHz	 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 M1[1] -60.74 dBm 545.1980 MHz H1 -11.880 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 7 MAR 2022 09:46:17		
CH00 1GHz~26GHz	 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 M1[1] -52.64 dBm 25.920833 GHz H1 -11.880 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 7 MAR 2022 09:46:23		

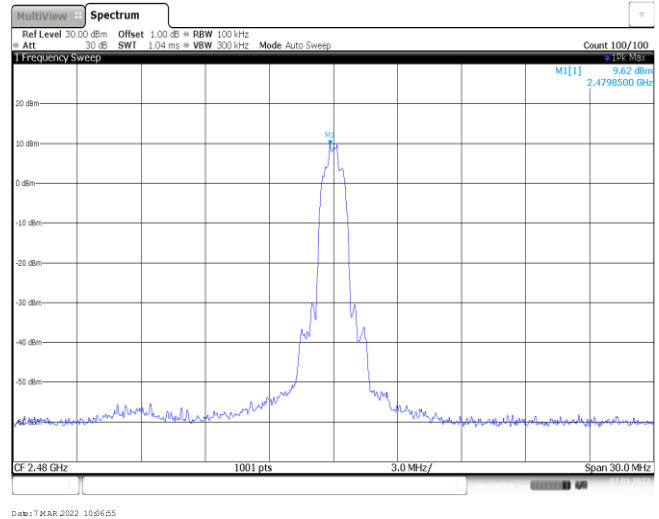
CH39 Reference level	 The spectrum plot shows a single sharp peak at 2.441 GHz. The y-axis represents power in dBm, ranging from -60 to 20. The x-axis represents frequency in MHz, with a span of 30.0 MHz. The peak is labeled with a count of 100/100 and a value of 4.04 dBm. The plot is titled 'Spectrum' and includes parameters: 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.
CH39 30MHz~1000MHz	 The spectrum plot shows a noisy baseline across the 30 MHz to 1000 MHz range. The y-axis ranges from -70 to 10 dBm. The x-axis ranges from 30.0 MHz to 1.0 GHz. A red horizontal line is drawn at -15.900 dBm. The plot is titled 'Spectrum' and includes parameters: 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.
CH39 1GHz~26GHz	 The spectrum plot shows a noisy baseline across the 1 GHz to 26 GHz range. The y-axis ranges from -70 to 10 dBm. The x-axis ranges from 1.0 GHz to 26.0 GHz. A red horizontal line is drawn at -15.900 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 250 ms, VBW 300 kHz, Mode Auto Sweep.

CH78 Reference level	 The spectrum plot for CH78 Reference level shows a single sharp peak at 2.4798500 GHz with a magnitude of 9.58 dBm. The plot is titled 'Spectrum' and includes parameters: 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. The x-axis is labeled 'CF 2.48 GHz' and 'Span 30.0 MHz'. The y-axis shows power levels from -50 dBm to 20 dBm. A date stamp 'Date: 7 MAR 2022 09:51:07' is at the bottom.
CH78 30MHz~1000MHz	 The spectrum plot for CH78 30MHz~1000MHz shows a noise floor at -61.19 dBm. The plot is titled 'Spectrum' and includes parameters: 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. The x-axis is labeled '30.0 MHz' and 'Span 1.0 GHz'. The y-axis shows power levels from -70 dBm to 10 dBm. A red line indicates a level of -10.400 dBm. A date stamp 'Date: 7 MAR 2022 09:51:03' is at the bottom.
CH78 1GHz~26GHz	 The spectrum plot for CH78 1GHz~26GHz shows a noise floor at -52.42 dBm. The plot is titled 'Spectrum' and includes parameters: 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. The x-axis is labeled '1.0 GHz' and 'Span 26.0 GHz'. The y-axis shows power levels from -70 dBm to 10 dBm. A red line indicates a level of -10.400 dBm. A date stamp 'Date: 7 MAR 2022 09:51:50' is at the bottom.

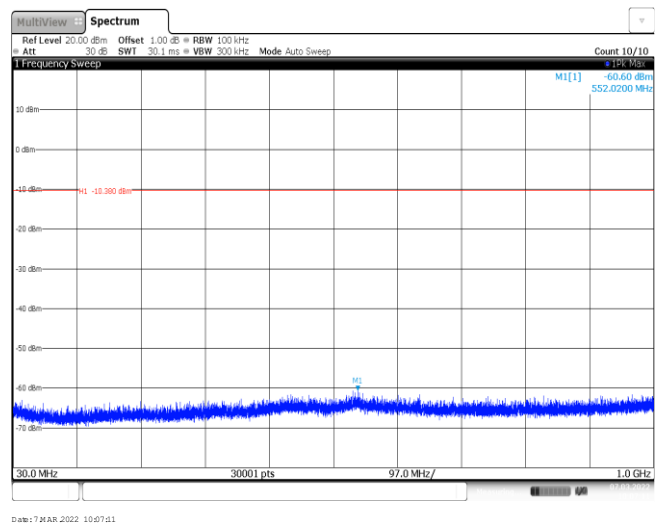
Test Item:	Spurious Emission	Modulation type:	8DPSK
CH00 Reference level			
CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

CH39 Reference level	 The spectrum plot shows a single sharp peak at 2.441 GHz. The y-axis represents power in dBm, ranging from -60 to 20. The x-axis represents frequency in MHz, with a span of 30.0 MHz. The peak is labeled with a count of 100/100 and a value of 4.13 dBm. The plot is titled 'Spectrum' and includes parameters: 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. The date is 7 MAR 2022 09:56:57.
CH39 30MHz~1000MHz	 The spectrum plot shows a noisy baseline across the 30 MHz to 1000 MHz range. The y-axis represents power in dBm, ranging from -70 to 10. The x-axis represents frequency in MHz, with a span of 97.0 MHz. A red horizontal line is drawn at -15.870 dBm. The plot is titled 'Spectrum' and includes parameters: 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. The date is 7 MAR 2022 09:57:13.
CH39 1GHz~26GHz	 The spectrum plot shows a noisy baseline across the 1 GHz to 26 GHz range. The y-axis represents power in dBm, ranging from -70 to 10. The x-axis represents frequency in GHz, with a span of 2.5 GHz. A red horizontal line is drawn at -15.870 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 250 ms, VBW 300 kHz, Mode Auto Sweep. The date is 7 MAR 2022 09:57:30.

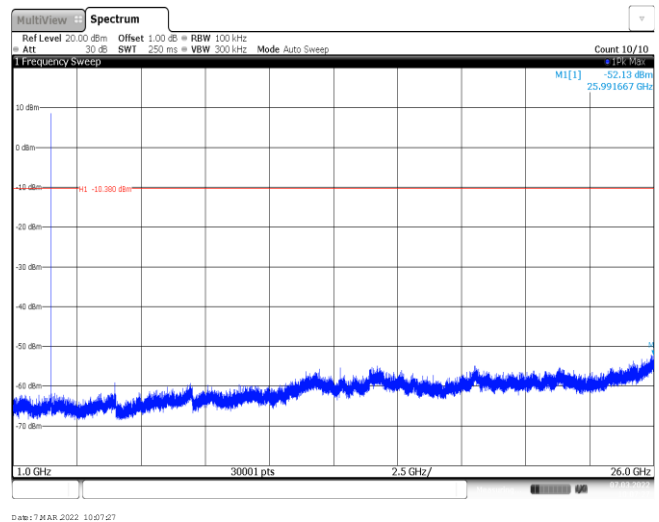
CH78
Reference level



CH78
30MHz~1000MHz



CH78
1GHz~26GHz



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