

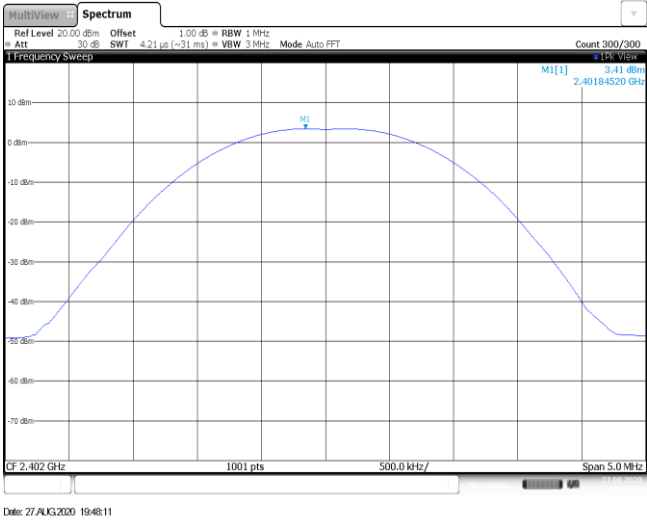
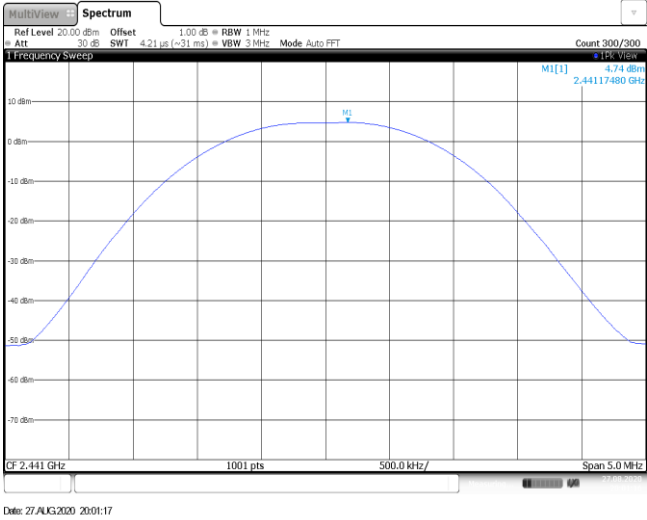
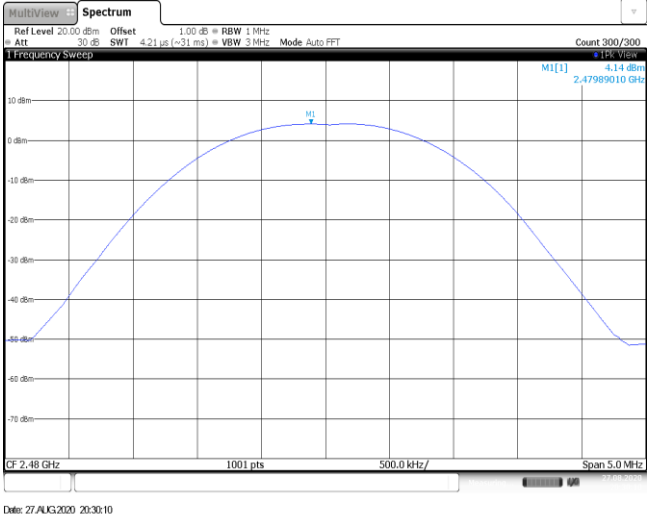
APPENDIX REPORT

Project No.	SHT2008085403EW	Radio Specification	Bluetooth EDR
Test sample No.		Model No.	GS-1326
Start test date	2020/8/27	Finish date	2020/8/27
Temperature	25°C	Humidity	50%
Test Engineer	Jiongsheng.Feng	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	Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
GFSK	00	3.41	3.40	≤ 30.00	Pass
	39	4.74	4.73		
	78	4.14	4.11		
$\pi/4$ DQPSK	00	3.28	1.15	≤ 21.00	Pass
	39	3.09	1.04		
	78	2.49	0.82		
8DPSK	00	3.38	1.27	≤ 21.00	Pass
	39	3.19	1.11		
	78	2.67	0.96		

Modulation Type: GFSK	
CH00	
CH39	
CH78	

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 Frequency Sweep M1[1] 3.28 dBm 2.40182520 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: 27/AUG/2020 20:34:27
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] 3.09 dBm 2.44092010 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: 27/AUG/2020 20:37:10
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] 2.49 dBm 2.47994010 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: 27/AUG/2020 20:41:14

Modulation Type: 8DPSK	
CH00	MultViewSpectrum 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] 3.38 dBm 2.40197500 GHz CF 2.402 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 27/AUG/2020 20:44:25
CH39	MultViewSpectrum 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] 3.19 dBm 2.44092510 GHz CF 2.441 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 27/AUG/2020 20:47:37
CH78	MultViewSpectrum 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] 2.67 dBm 2.47999500 GHz CF 2.48 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 27/AUG/2020 20:50:20

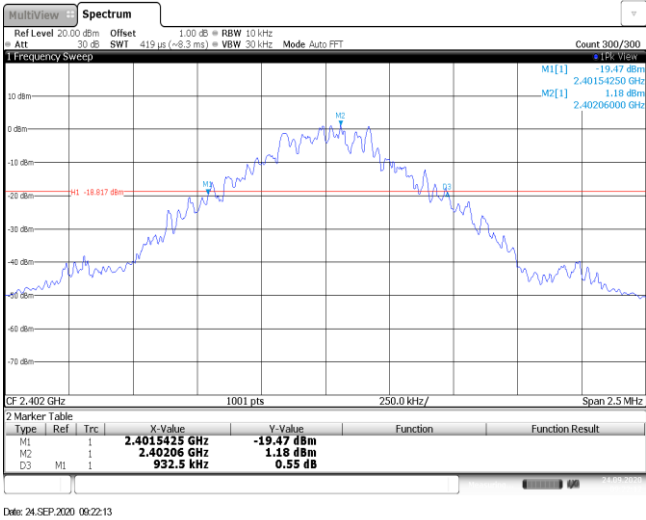
Appendix B : 20 dB Bandwidth

Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	932.50	-	Pass
	39	932.50		
	78	932.50		
$\pi/4$ DQPSK	00	1362.50	-	Pass
	39	1362.50		
	78	1365.00		
8DPSK	00	1302.50	-	Pass
	39	1302.50		
	78	1305.00		

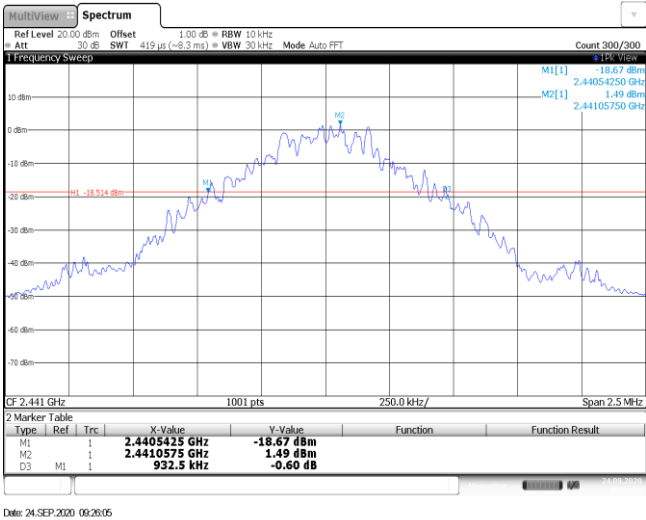
Modulation Type:

GFSK

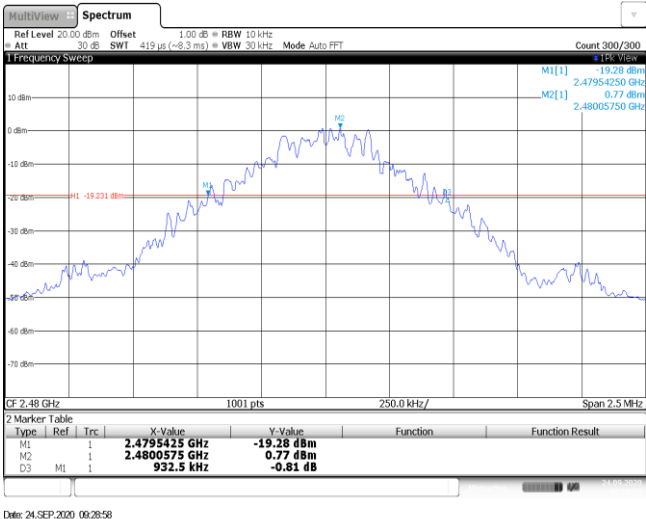
CH00



CH39



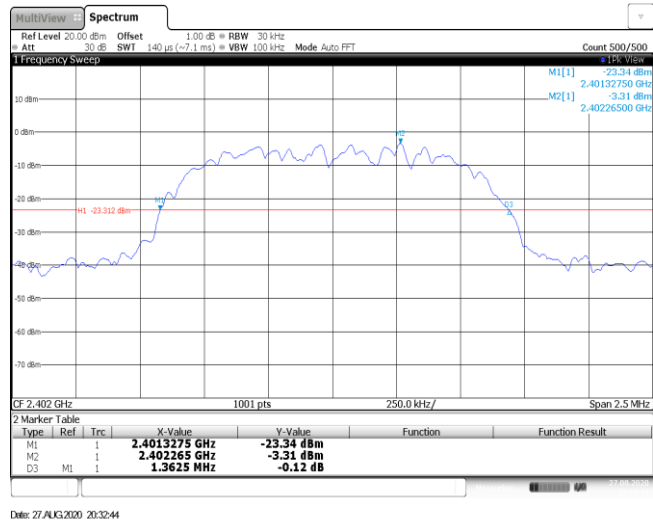
CH78



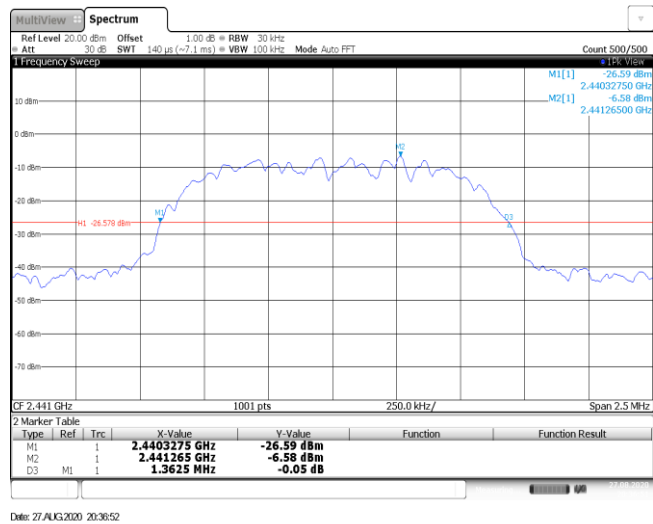
Modulation Type:

 $\pi/4$ DQPSK

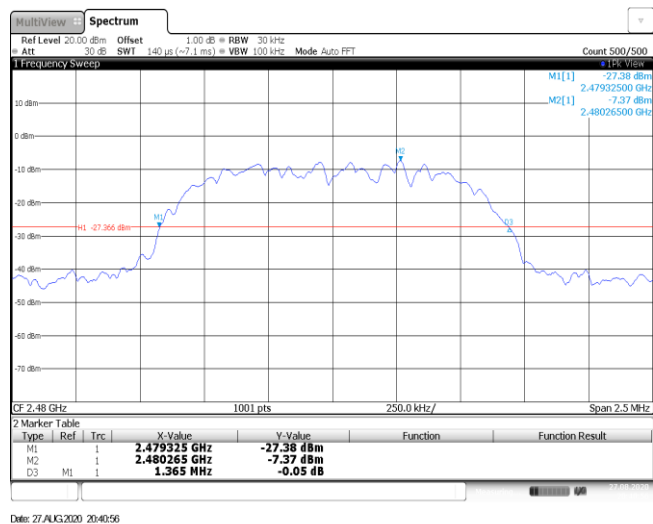
CH00



CH39



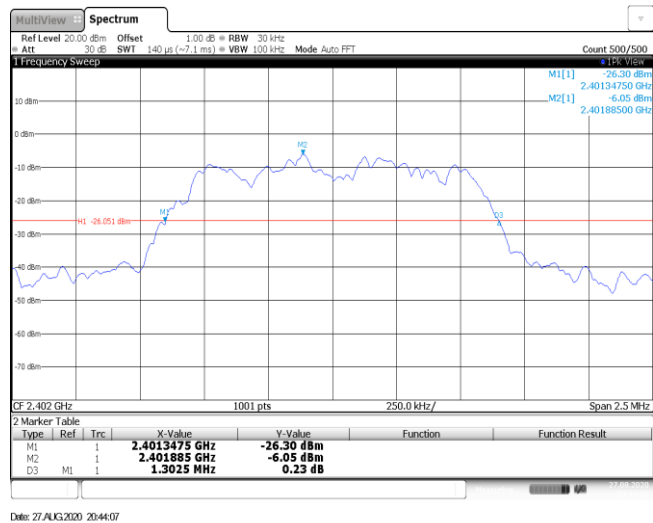
CH78



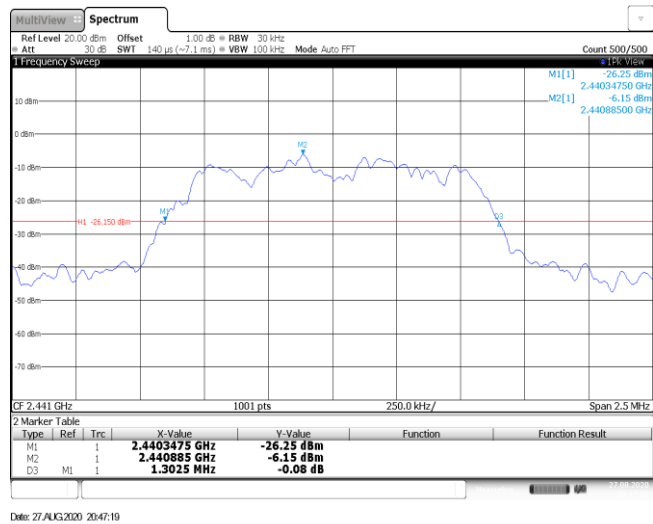
Modulation Type:

8DPSK

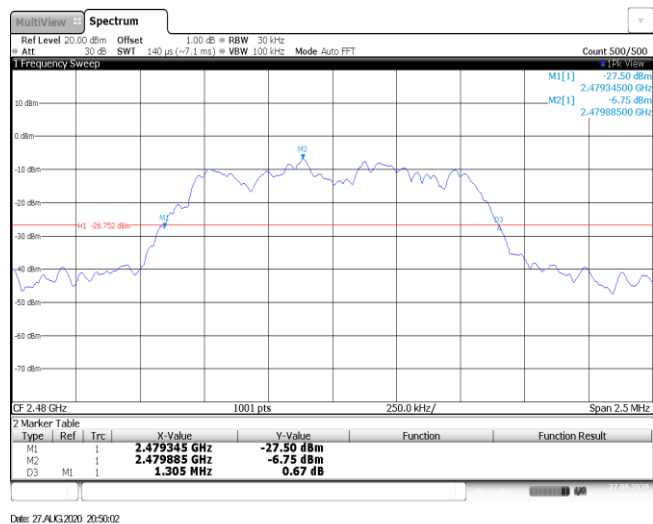
CH00



CH39



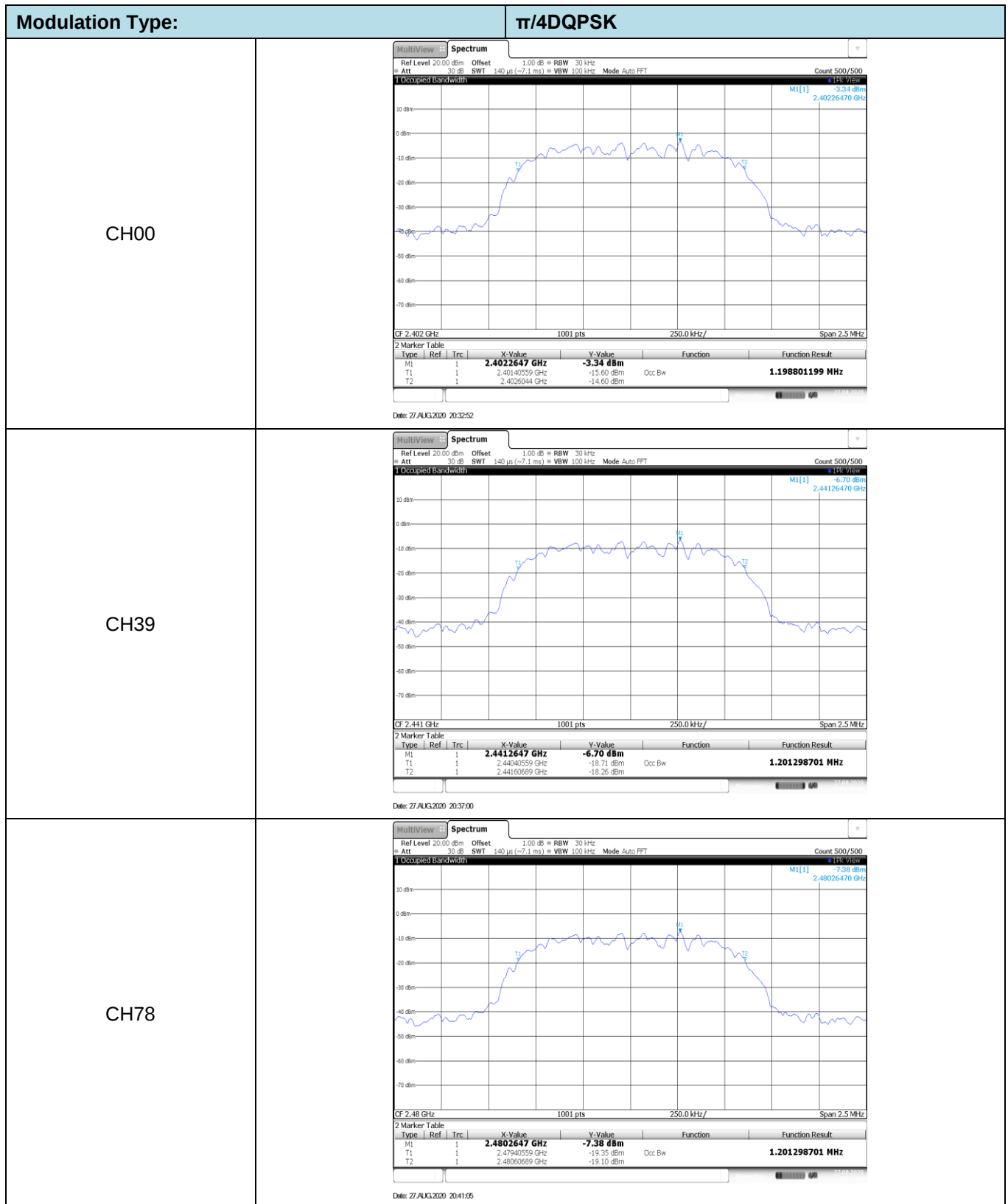
CH78

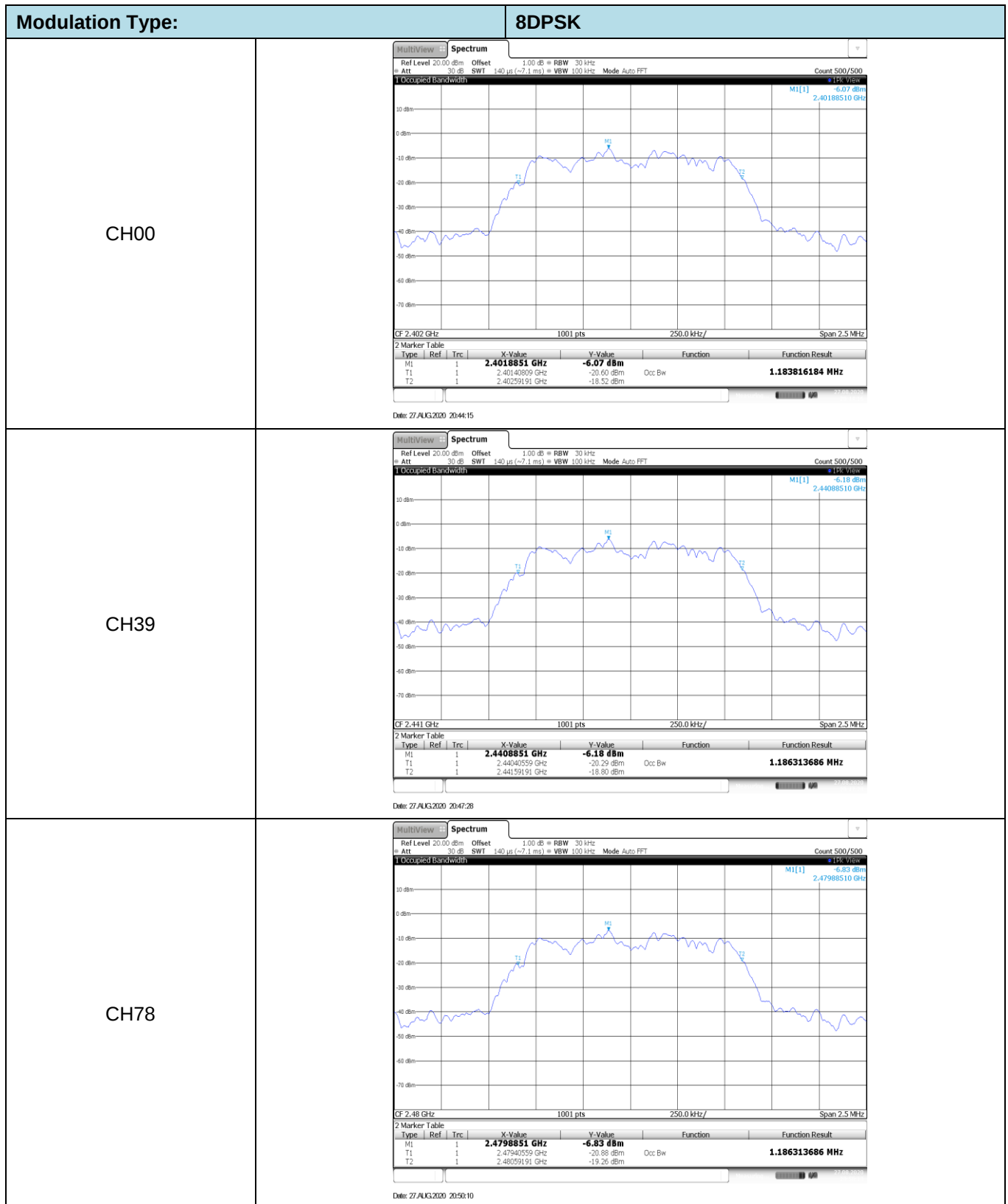


Appendix C: 99% Occupied Bandwidth

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.92	-	Pass
	39	0.93		
	78	0.93		
$\pi/4$ DQPSK	00	1.20	-	Pass
	39	1.20		
	78	1.20		
8DPSK	00	1.18	-	Pass
	39	1.19		
	78	1.19		

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Appendix D: Carrier Frequencies Separation

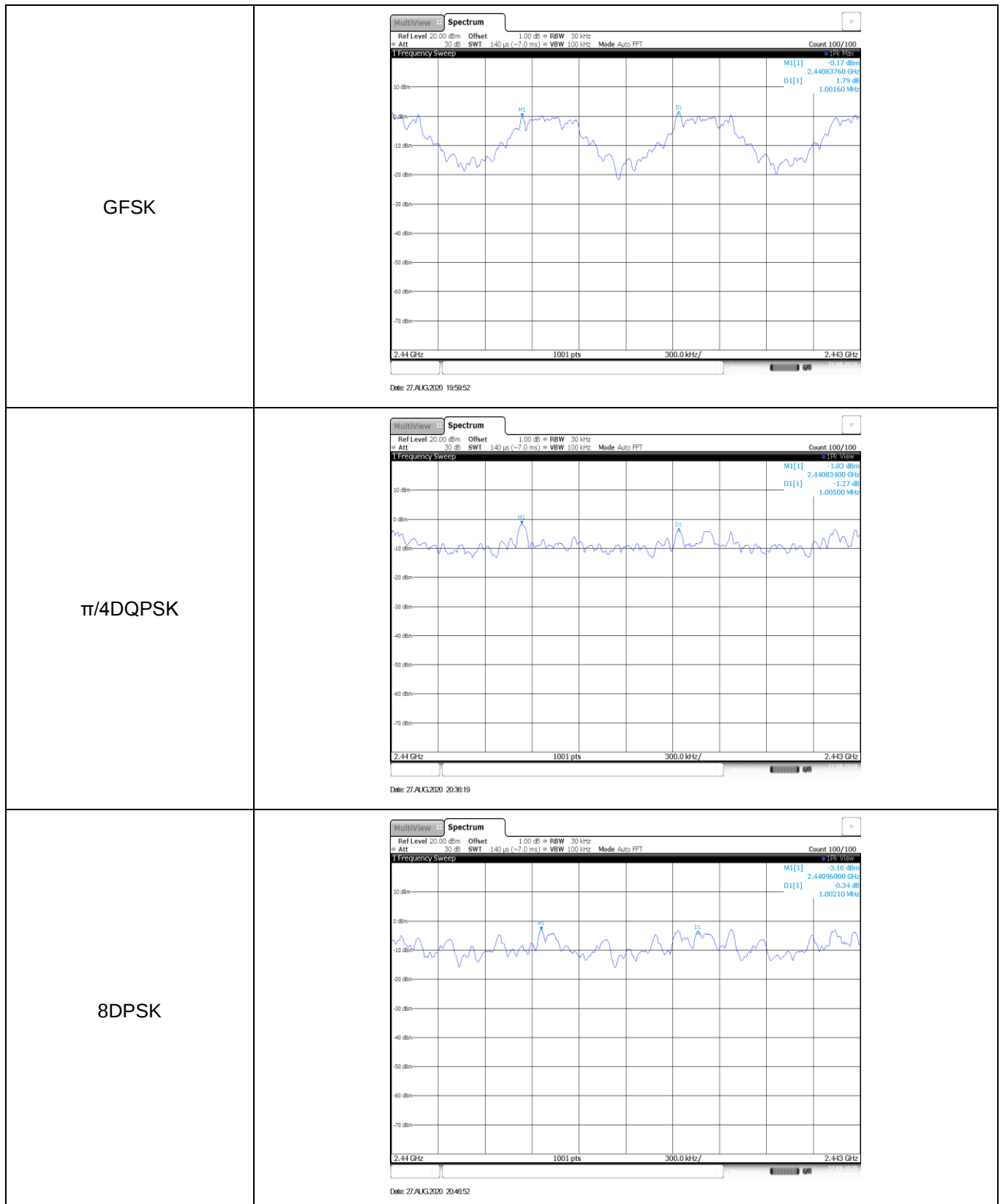
Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥932.50	Pass
π/4DQPSK	39	1.01	≥910.00	Pass
8DPSK	39	1.00	≥870.00	Pass

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.

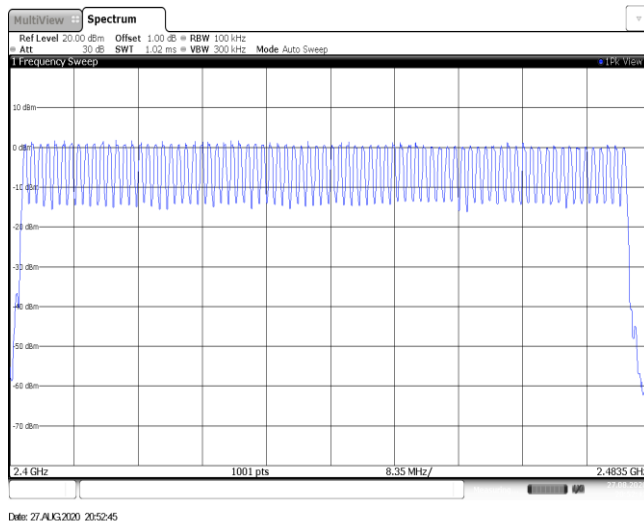
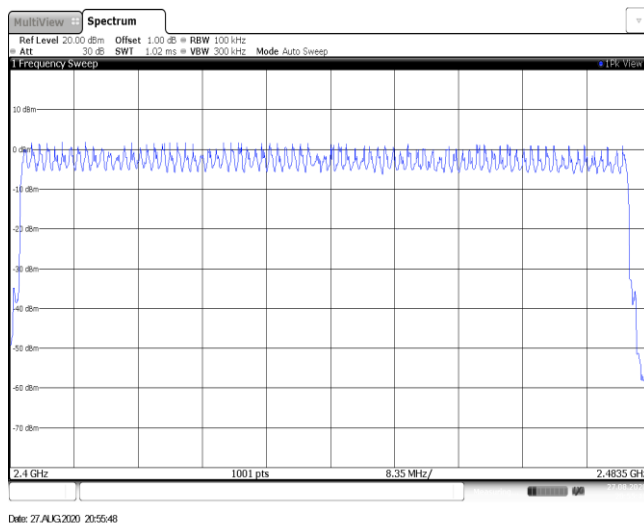
8DPSK limit = 2/3 * The maximum 20 dB Bandwidth for 8DPSK modulation on the appendix B



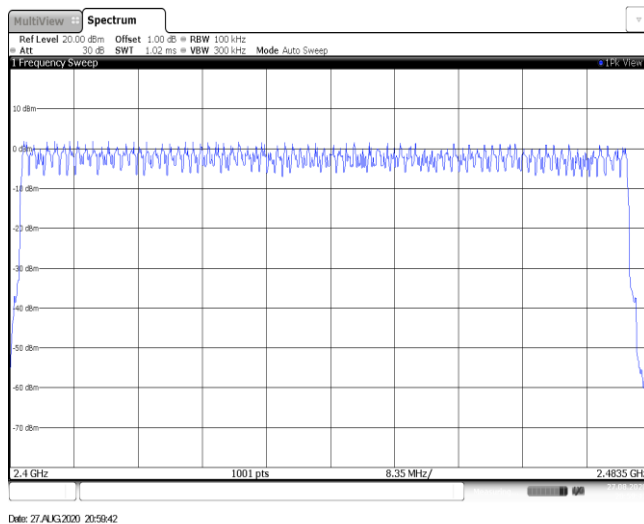
Appendix E: Hopping Channel Number

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

GFSK

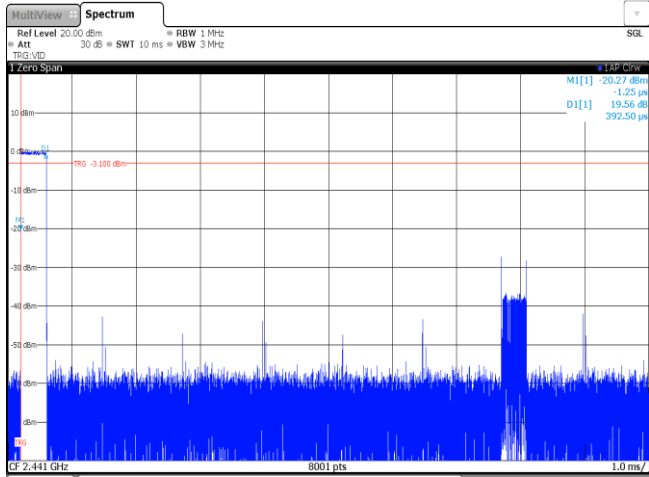
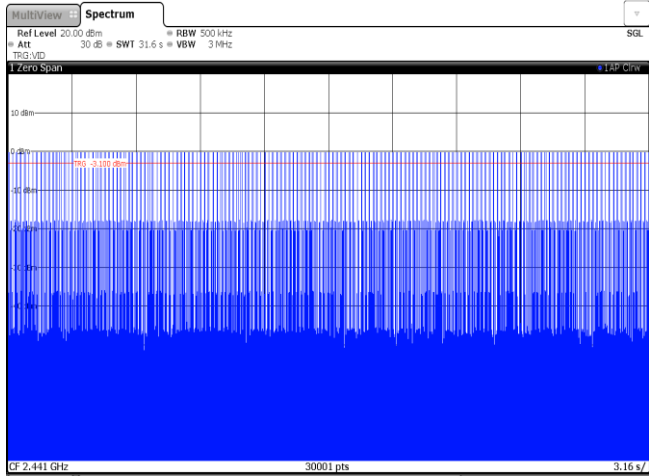
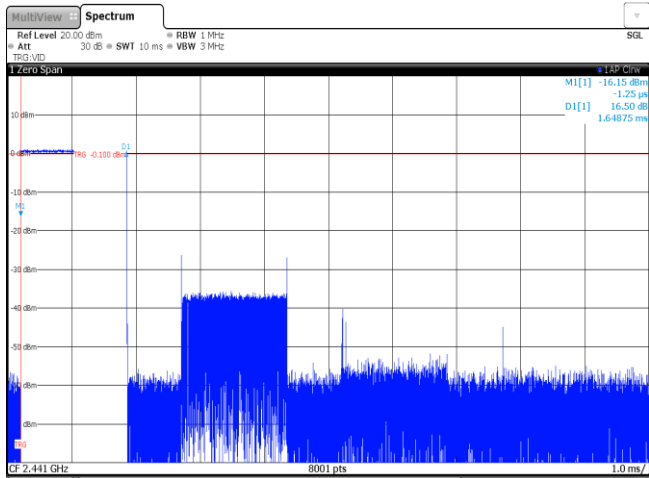
 $\pi/4$ DQPSK

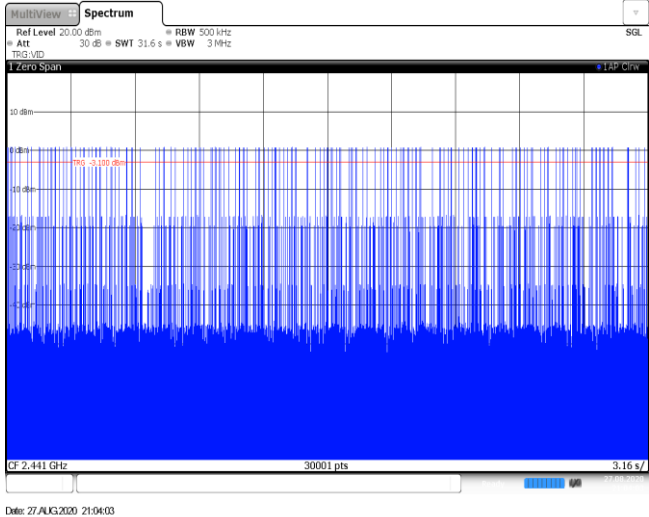
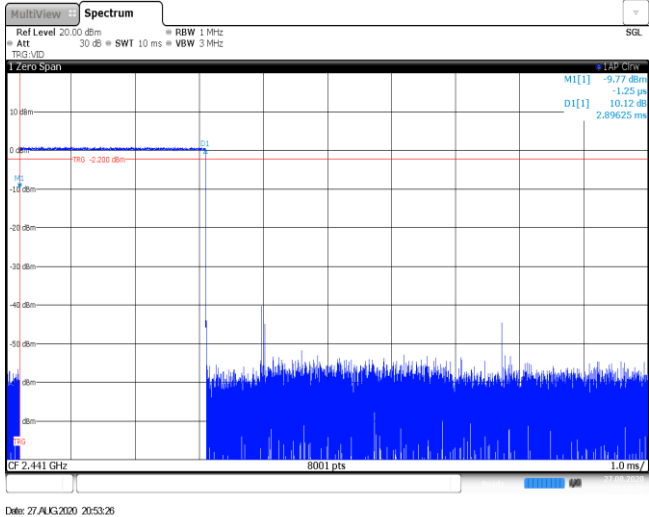
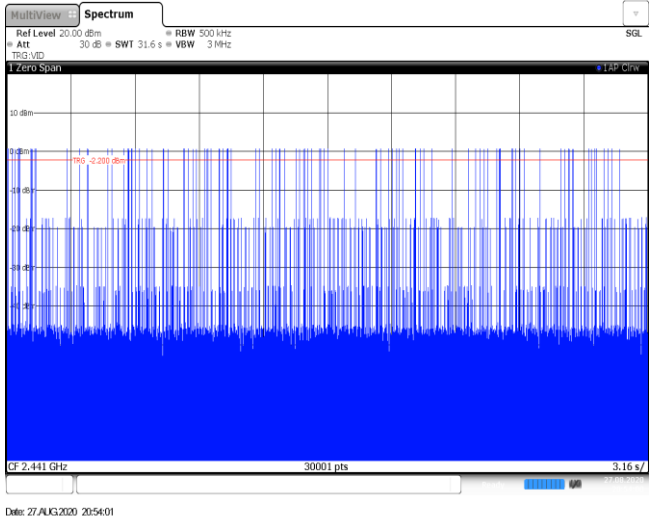
8DPSK

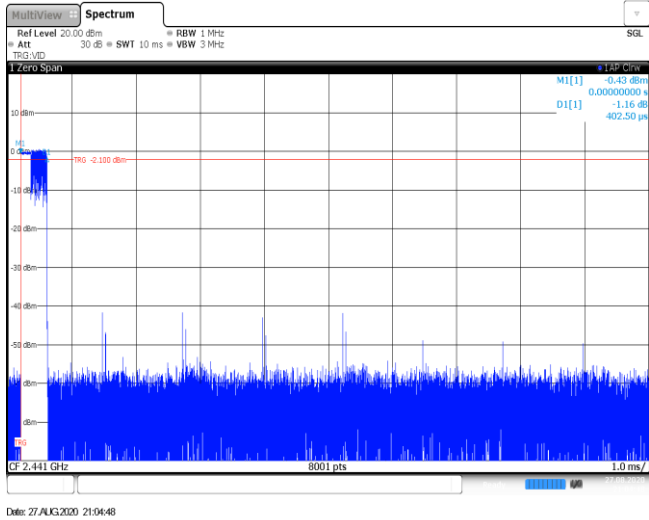
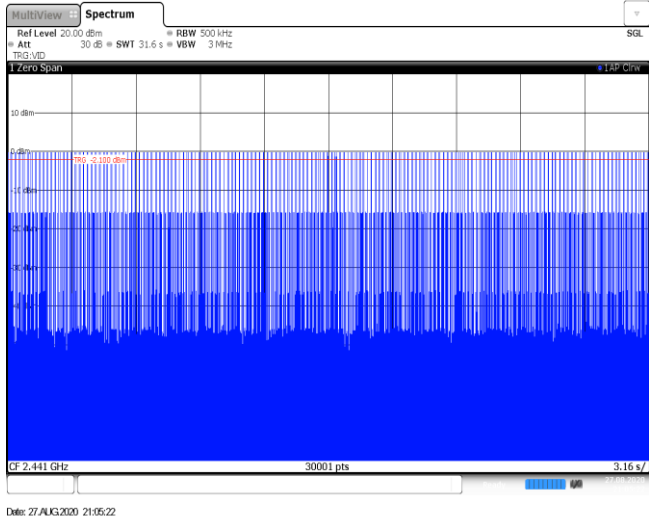
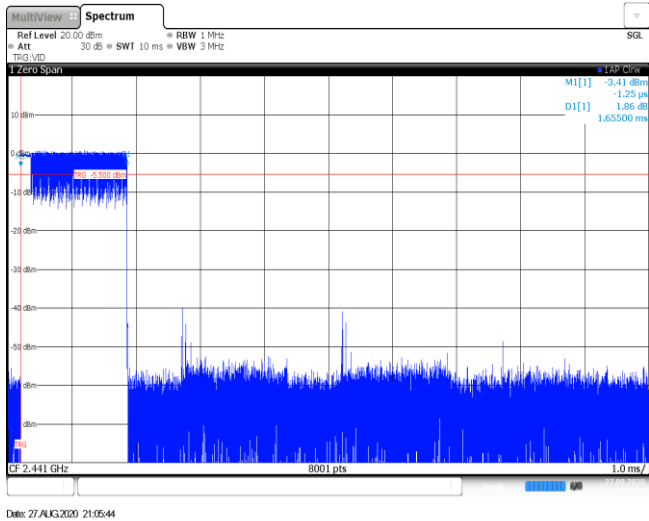


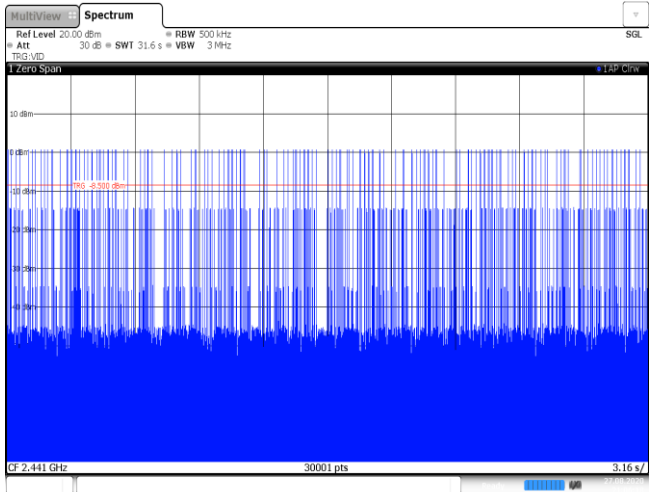
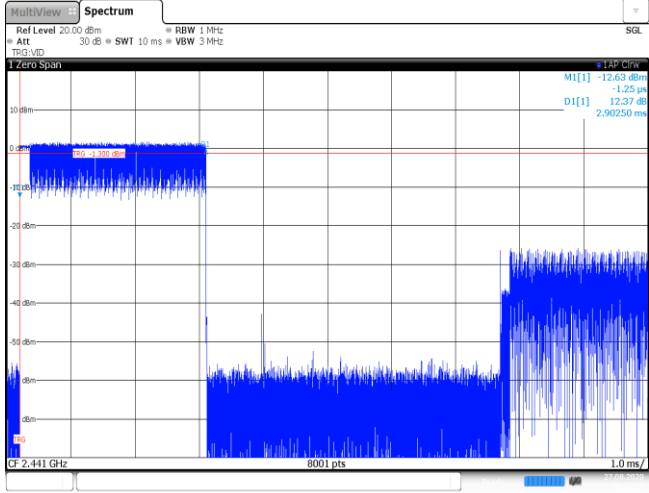
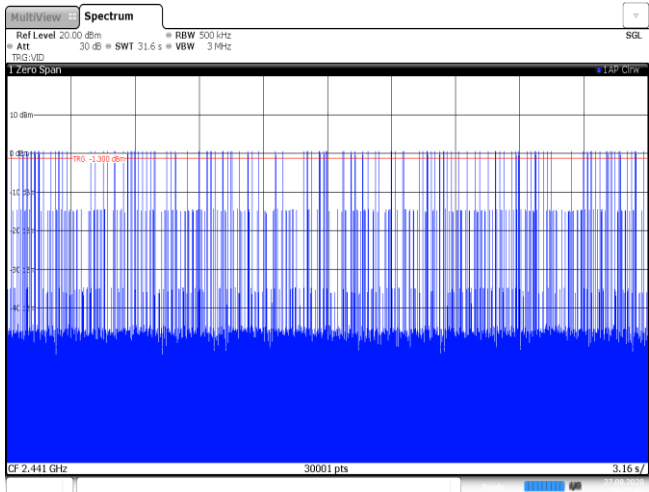
Appendix F: Dwell Time

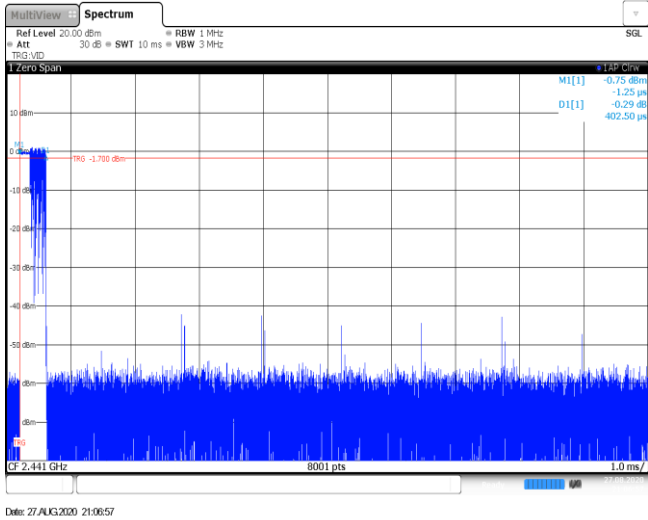
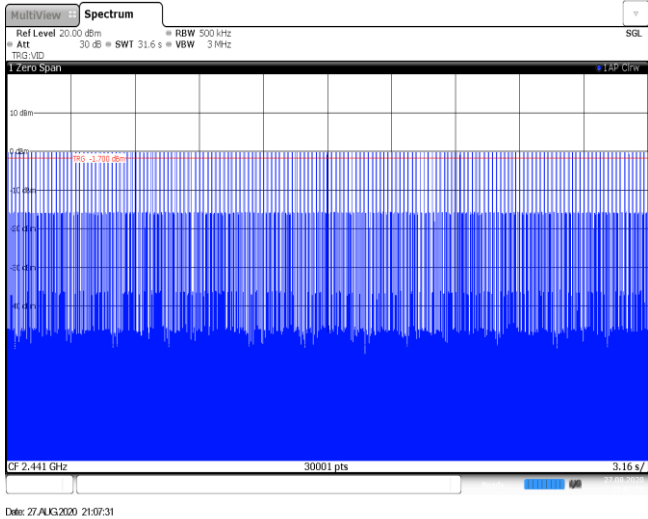
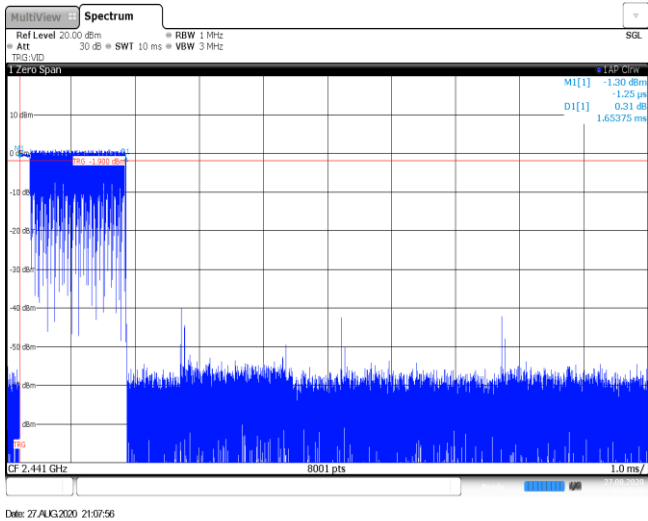
Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.39	317	0.12	≤ 0.40	Pass
	DH3	1.65	174	0.29		
	DH5	2.90	101	0.29		
$\pi/4$ DQPSK	2DH1	0.40	321	0.13	≤ 0.40	Pass
	2DH3	1.66	160	0.27		
	2DH5	2.90	126	0.37		
8DPSK	3DH1	0.40	321	0.13	≤ 0.40	Pass
	3DH3	1.65	161	0.27		
	3DH5	2.90	108	0.31		

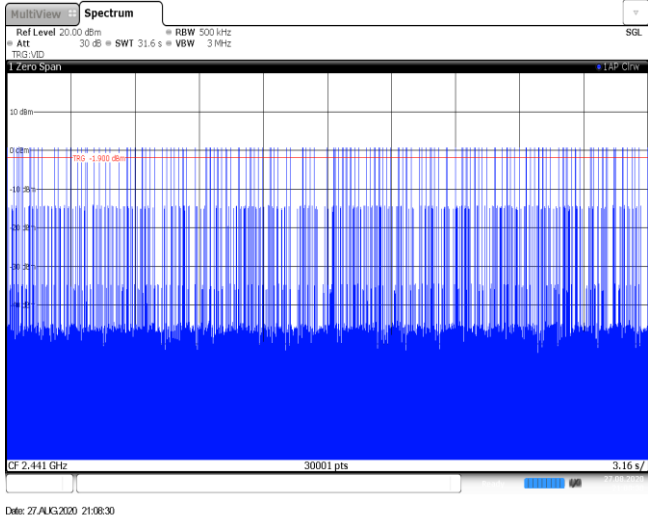
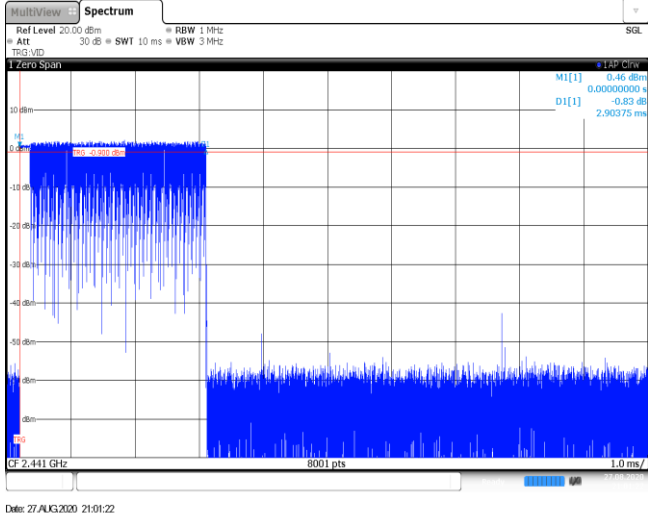
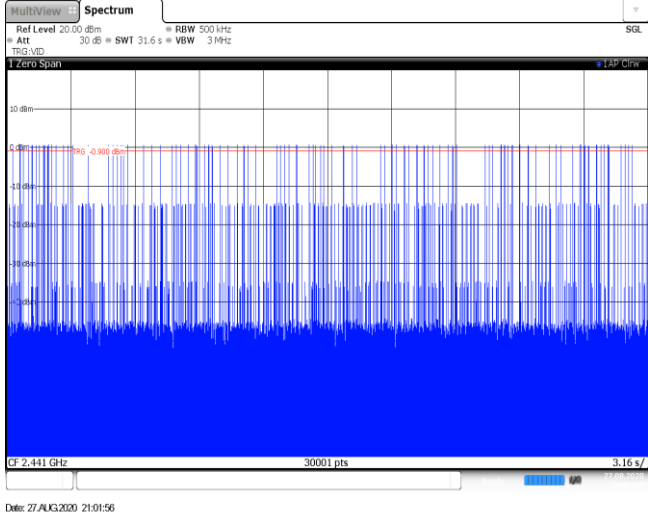
Modulation Type: GFSK	
DH1 Burst width	 Ref Level 20.00 dBm Att 30 dB RBW 1 MHz SWT 10 ms VBW 3 MHz 1 Zero Span M1[1] -20.27 dBm D1[1] 19.56 dBm 392.50 ps CF 2.441 GHz 8001 pts 1.0 ms Date: 27/AUG/2020 21:02:35
DH1 Burst number	 Ref Level 20.00 dBm Att 30 dB RBW 500 kHz SWT 31.6 s VBW 3 MHz 1 Zero Span CF 2.441 GHz 30001 pts 3.16 s Date: 27/AUG/2020 21:03:09
DH3 Burst width	 Ref Level 20.00 dBm Att 30 dB RBW 1 MHz SWT 10 ms VBW 3 MHz 1 Zero Span M1[1] -16.15 dBm D1[1] 16.50 dBm 1.64875 ms CF 2.441 GHz 8001 pts 1.0 ms Date: 27/AUG/2020 21:03:29

DH3 Burst number	 The screenshot shows a spectrum analyzer interface with the title 'Spectrum'. The y-axis represents power in dBm, ranging from -10 to 10. The x-axis represents frequency in GHz, ranging from 2.441 to 3.16. A red horizontal line is drawn at -10 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'. The date '27/AUG/2020 21:04:03' is displayed at the bottom left.
DH5 Burst width	 The screenshot shows a spectrum analyzer interface with the title 'Spectrum'. The y-axis represents power in dBm, ranging from -10 to 10. The x-axis represents frequency in GHz, ranging from 2.441 to 3.16. A red horizontal line is drawn at -10 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'. The date '27/AUG/2020 20:53:26' is displayed at the bottom left.
DH5 Burst number	 The screenshot shows a spectrum analyzer interface with the title 'Spectrum'. The y-axis represents power in dBm, ranging from -10 to 10. The x-axis represents frequency in GHz, ranging from 2.441 to 3.16. A red horizontal line is drawn at -10 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'. The date '27/AUG/2020 20:54:01' is displayed at the bottom left.

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

2DH3 Burst number	
2DH5 Burst width	
2DH5 Burst number	

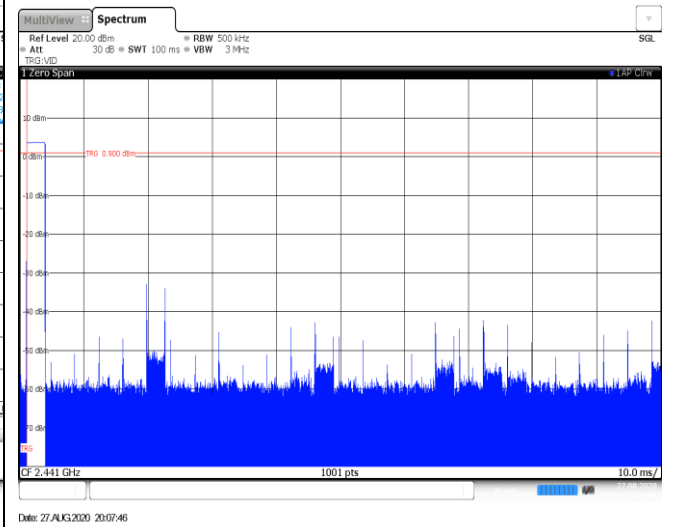
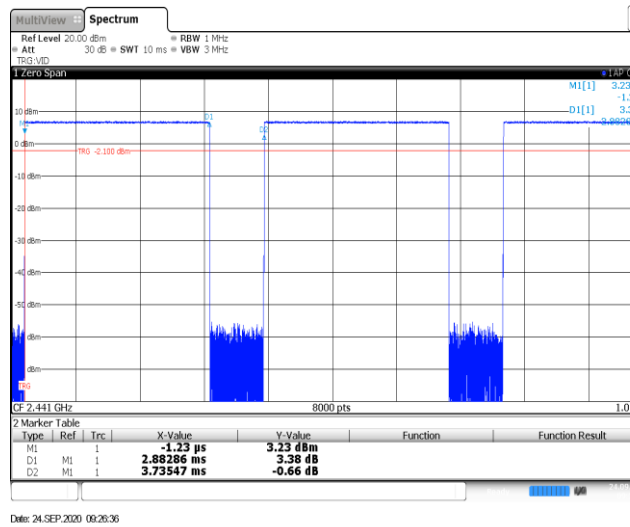
Modulation Type: 8DPSK	
3DH1 Burst width	
3DH1 Burst number	
3DH3 Burst width	

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

Appendix G: Duty Cycle Correction Factor (DCCF)

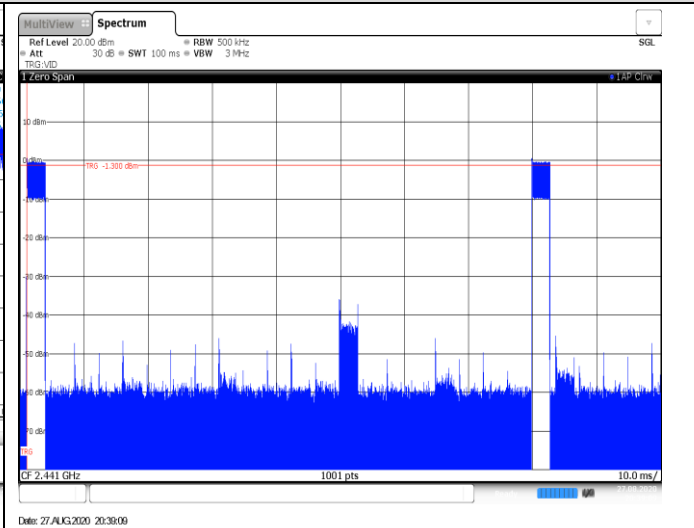
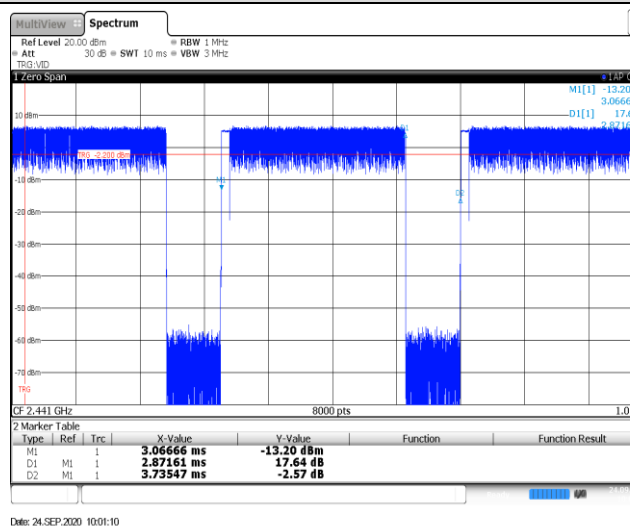
DCCF Calculate Formula					
$DCCF = 20 * \text{Log}(\text{duty cycle}) = 20 * \text{Log}(T_{\text{on time}} / T_{\text{period}})$					
Modulation type	Test Frequency (MHz)	$T_{\text{on time}}$ for single burst [ms]	T_{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.88	100	1.00	-30.81
$\pi/4$ DQPSK	2441	2.87	100	2.00	-24.82
8DPSK	2441	2.87	100	3.00	-21.30

GFSK



Ton time for single burst

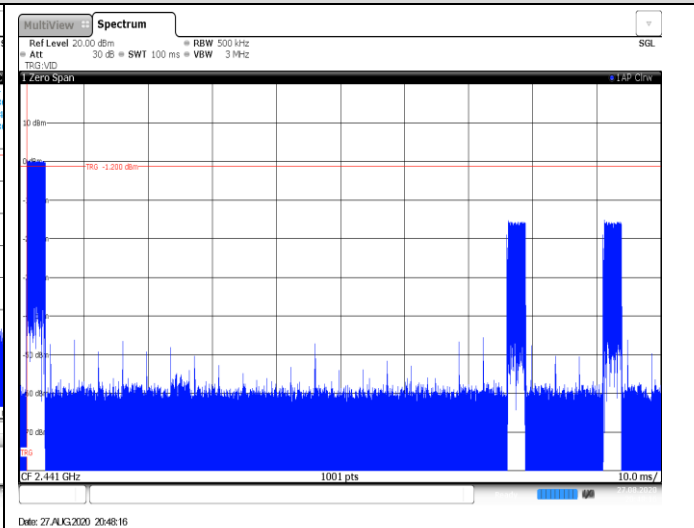
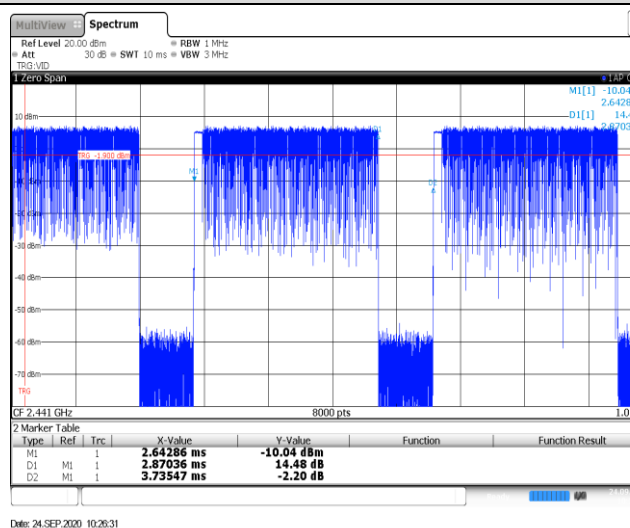
Burst Quantity

 $\pi/4$ DQPSK

Ton time for single burst

Burst Quantity

8DPSK



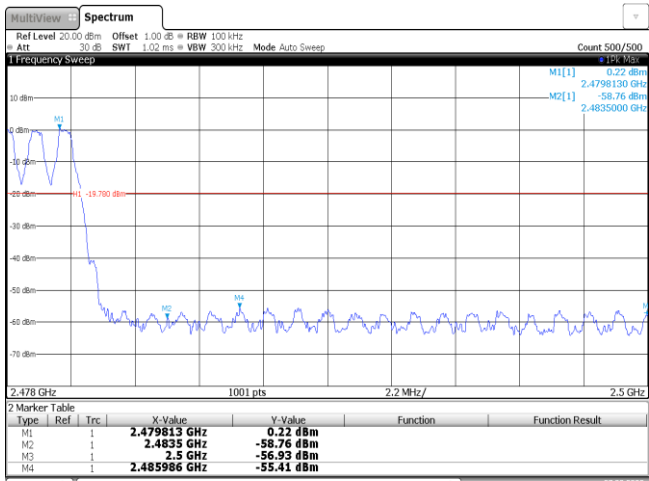
Ton time for single burst

Burst Quantity

Appendix H: Band edge and Spurious Emissions (conducted)

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

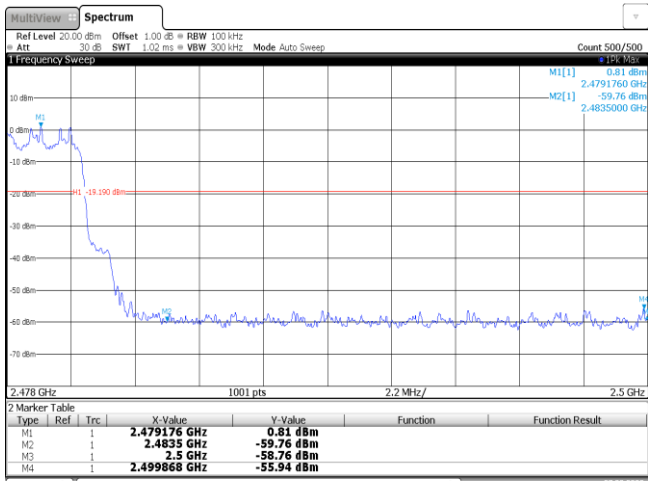
CH78
Hopping mode



Date: 27 AUG 2020 20:53:14

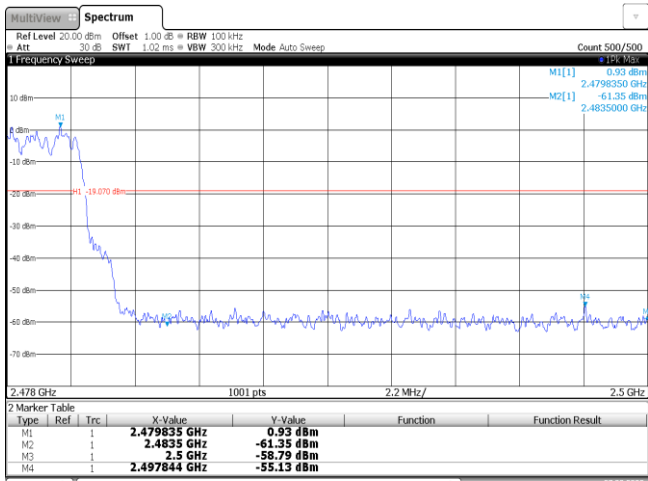
Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK
CH00 No hopping mode	<		

CH78
Hopping mode

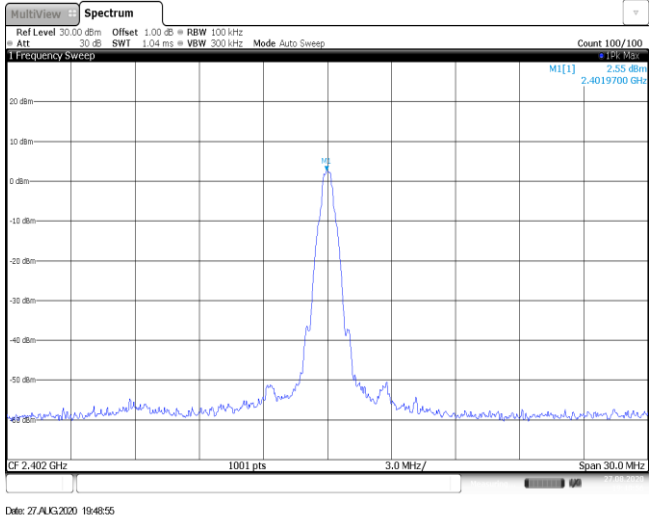
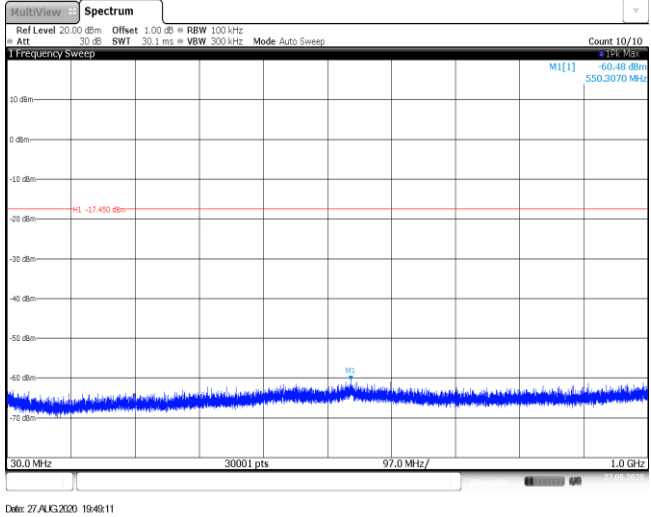
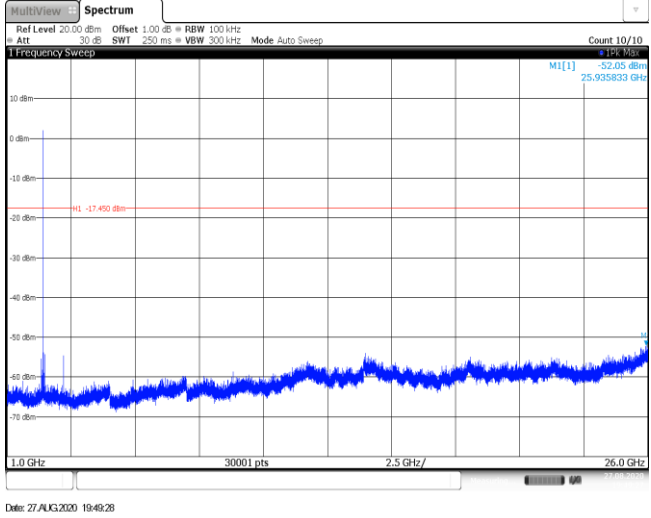


Test Item:	Band edge	Modulation type:	8DPSK																																										
CH00 No hopping mode	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SW 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep M1[1] -1.48 dBm 2.4022000 GHz M2[1] -53.12 dBm 2.4000000 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz <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>2.4022 GHz</td><td>-1.48 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-53.12 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-62.31 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.63 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.322195 GHz</td><td>-56.67 dBm</td><td></td><td></td></tr></table> Date: 27/AUG/2020 21:09:39			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.4022 GHz	-1.48 dBm			M2	1		2.4 GHz	-53.12 dBm			M3	1		2.39 GHz	-62.31 dBm			M4	1		2.31 GHz	-63.63 dBm			M5	1		2.322195 GHz	-56.67 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.4022 GHz	-1.48 dBm																																									
M2	1		2.4 GHz	-53.12 dBm																																									
M3	1		2.39 GHz	-62.31 dBm																																									
M4	1		2.31 GHz	-63.63 dBm																																									
M5	1		2.322195 GHz	-56.67 dBm																																									
CH00 Hopping mode	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SW 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep M1[1] 1.75 dBm 2.4048580 GHz M2[1] -55.02 dBm 2.4000000 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz <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>2.404858 GHz</td><td>1.75 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-55.02 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-57.58 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-61.66 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.357025 GHz</td><td>-54.84 dBm</td><td></td><td></td></tr></table> Date: 27/AUG/2020 21:00:35			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404858 GHz	1.75 dBm			M2	1		2.4 GHz	-55.02 dBm			M3	1		2.39 GHz	-57.58 dBm			M4	1		2.31 GHz	-61.66 dBm			M5	1		2.357025 GHz	-54.84 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.404858 GHz	1.75 dBm																																									
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M3	1		2.39 GHz	-57.58 dBm																																									
M4	1		2.31 GHz	-61.66 dBm																																									
M5	1		2.357025 GHz	-54.84 dBm																																									
CH78 No hopping mode	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SW 1.02 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep M1[1] -2.50 dBm 2.4801870 GHz M2[1] -60.84 dBm 2.4835000 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 2.478 GHz 1001 pts 2.2 MHz/ 2.5 GHz <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>2.480187 GHz</td><td>-2.50 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-60.84 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-63.26 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.484138 GHz</td><td>-60.51 dBm</td><td></td><td></td></tr></table> Date: 27/AUG/2020 20:50:33			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.480187 GHz	-2.50 dBm			M2	1		2.4835 GHz	-60.84 dBm			M3	1		2.5 GHz	-63.26 dBm			M4	1		2.484138 GHz	-60.51 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.480187 GHz	-2.50 dBm																																									
M2	1		2.4835 GHz	-60.84 dBm																																									
M3	1		2.5 GHz	-63.26 dBm																																									
M4	1		2.484138 GHz	-60.51 dBm																																									

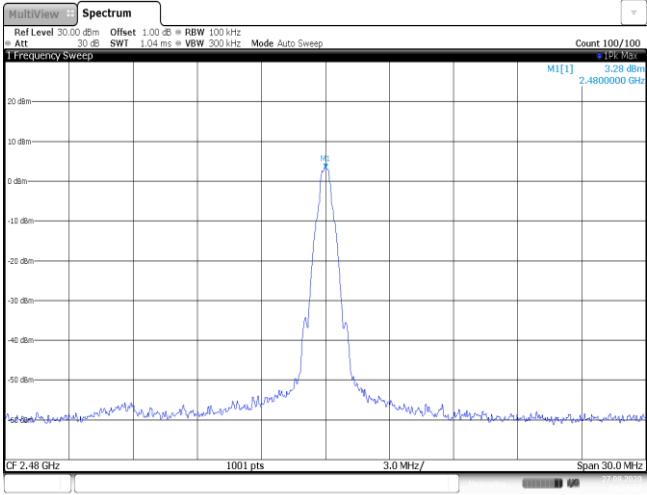
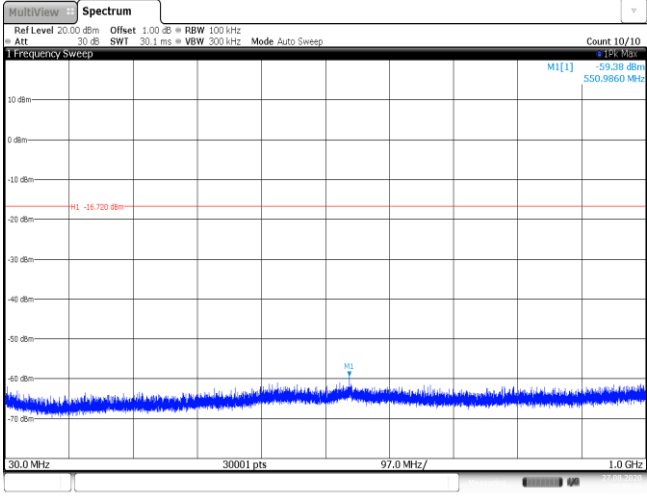
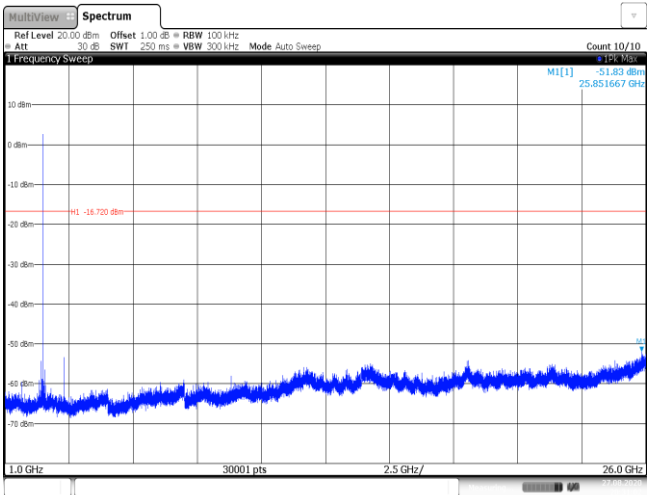
CH78
Hoppig mode

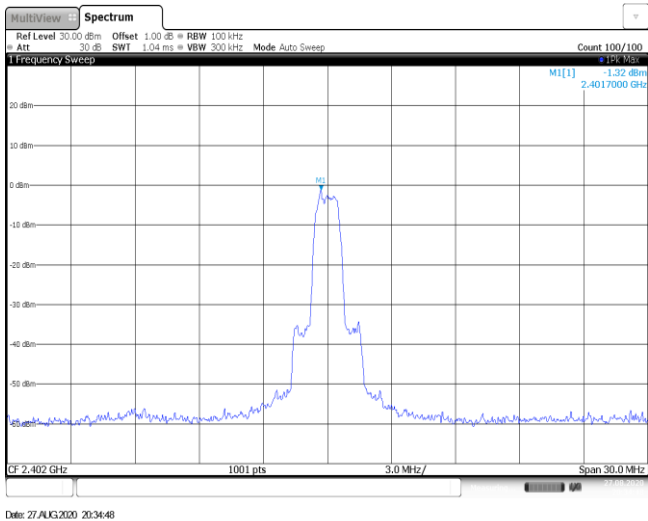
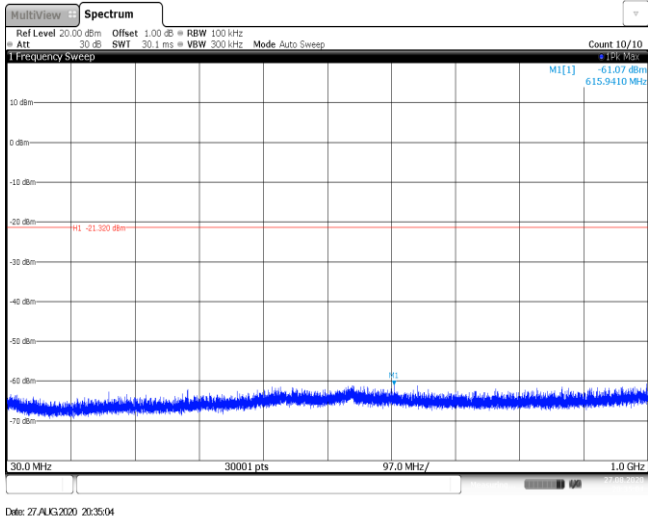
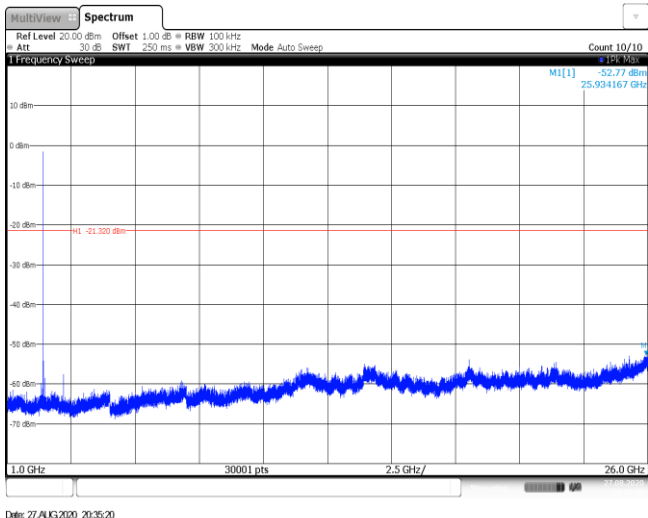


Date: 27/AUG/2020 21:01:11

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

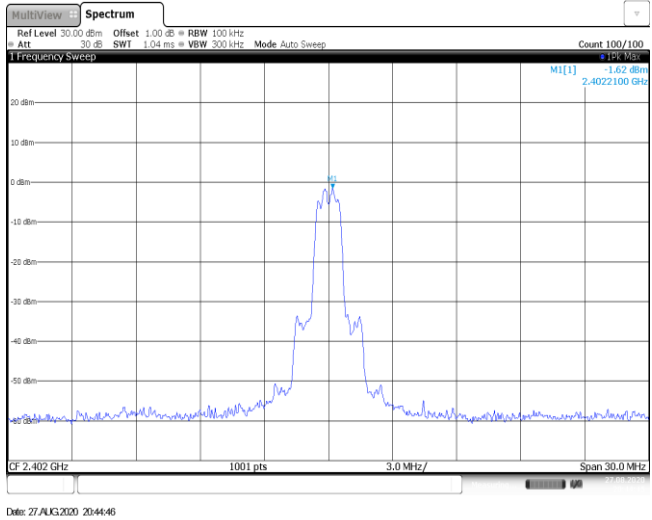
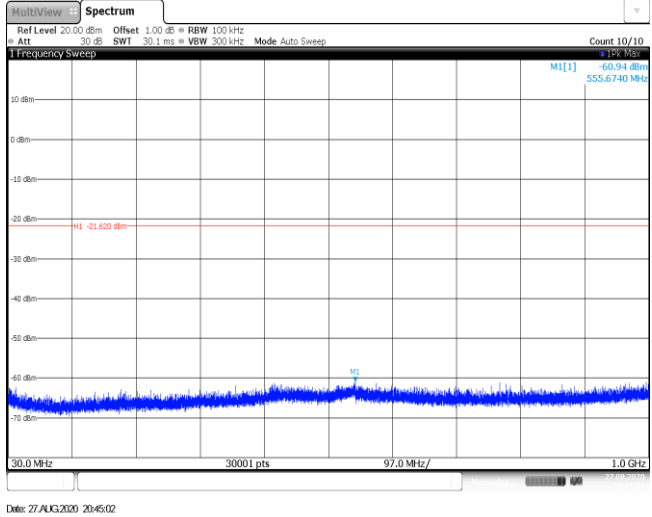
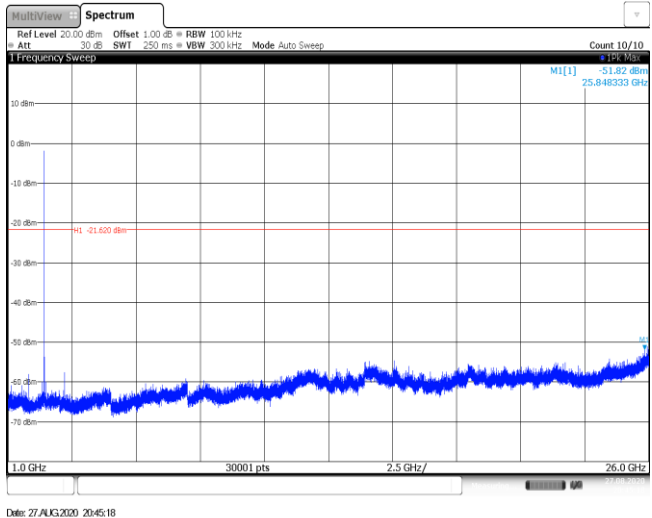
CH39 Reference level	A spectrum plot titled 'Spectrum' showing a single sharp peak at 2.441 GHz. The y-axis represents power in dBm, ranging from -80 to 20. The x-axis represents frequency in GHz, with a span of 30.0 MHz. The peak is labeled 'M1[1]' with a value of 3.96 dBm. The plot includes technical parameters: Ref Level 30.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 1.04 ms, VBW 300 kHz, and Mode Auto Sweep. The date is 27/AUG/2020 20:08:01.
CH39 30MHz~1000MHz	A spectrum plot titled 'Spectrum' showing a noisy baseline across the 30 MHz to 1000 MHz range. The y-axis ranges from -80 to 10 dBm. The x-axis ranges from 30.0 MHz to 1.0 GHz. A red horizontal line is drawn at -16.04 dBm. The plot includes technical parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 30.1 ms, VBW 300 kHz, and Mode Auto Sweep. The date is 27/AUG/2020 20:08:18.
CH39 1GHz~26GHz	A spectrum plot titled 'Spectrum' showing a noisy baseline across the 1 GHz to 26 GHz range. The y-axis ranges from -80 to 10 dBm. The x-axis ranges from 1.0 GHz to 26.0 GHz. A red horizontal line is drawn at -16.04 dBm. The plot includes technical parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 250 ms, VBW 300 kHz, and Mode Auto Sweep. The date is 27/AUG/2020 20:08:34.

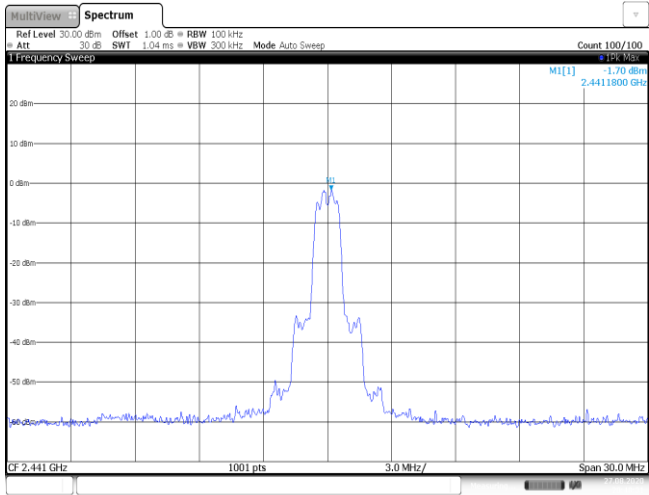
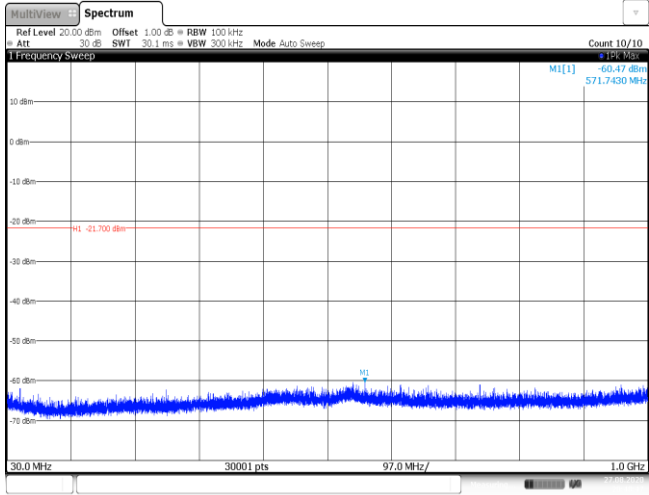
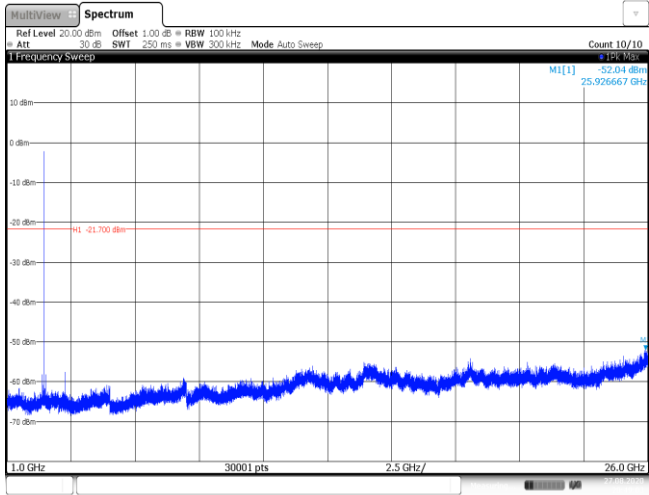
CH78 Reference level	 The spectrum plot for CH78 Reference level shows a single sharp peak at 2.48 GHz. The y-axis represents power in dBm, ranging from -60 to 20. The x-axis represents frequency in MHz, with a span of 30.0 MHz. The peak is labeled with a count of 100/100. The plot is titled 'Spectrum' 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 27/AUG/2020 20:30:30.
CH78 30MHz~1000MHz	 The spectrum plot for CH78 30MHz~1000MHz shows a noisy baseline across the frequency range. The y-axis represents power in dBm, ranging from -70 to 10. The x-axis represents frequency in MHz, with a span of 1.0 GHz. A red horizontal line is drawn at -16.720 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 27/AUG/2020 20:30:46.
CH78 1GHz~26GHz	 The spectrum plot for CH78 1GHz~26GHz shows a noisy baseline across the frequency range. The y-axis represents power in dBm, ranging from -70 to 10. The x-axis represents frequency in GHz, with a span of 26.0 GHz. A red horizontal line is drawn at -16.720 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 27/AUG/2020 20:31:03.

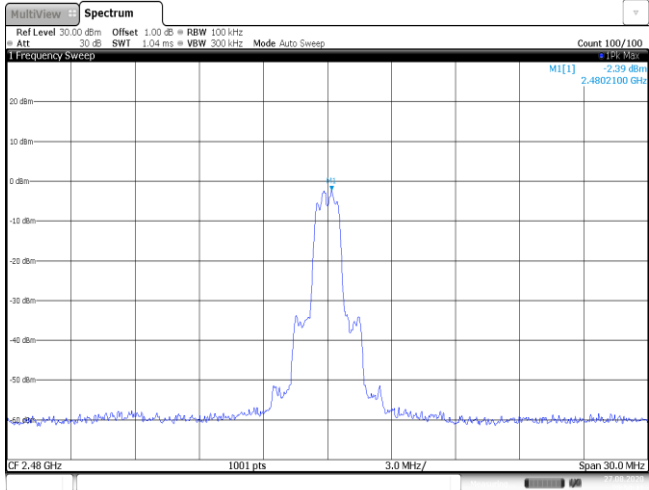
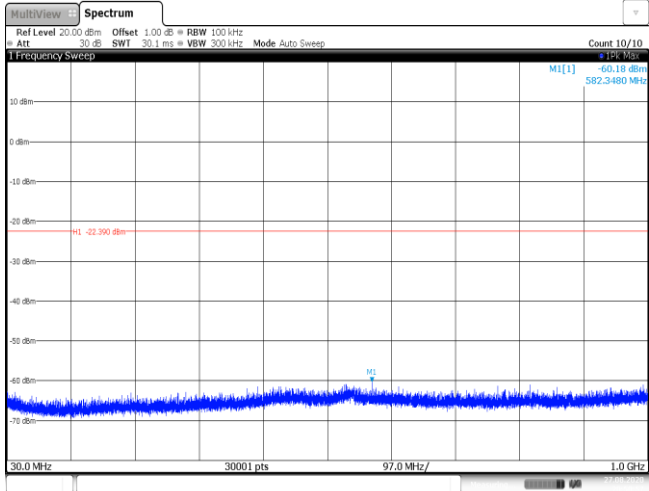
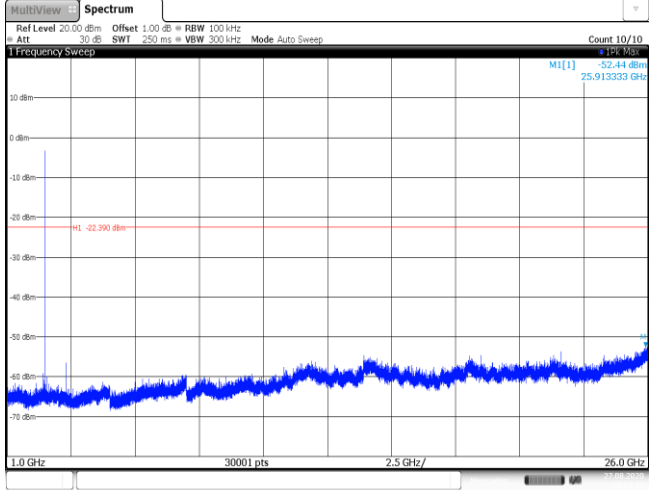
Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
CH00 Reference level			
CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

CH39 Reference level	This spectrum plot shows a single prominent peak at 2.441 GHz. The y-axis represents power in dBm, ranging from -50 to 20. The x-axis represents frequency in MHz, with a span of 30.0 MHz. The peak is labeled with a magnitude of -1.54 dBm. The plot includes technical parameters: Ref Level 30.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 1.04 ms, VBW 300 kHz, and Mode Auto Sweep. The date and time are 27/AUG/2020 20:40:02.
CH39 30MHz~1000MHz	This spectrum plot shows a noisy baseline across the 30 MHz to 1000 MHz range. The y-axis ranges from -70 to 10 dBm. A red horizontal line is drawn at -21.540 dBm. The plot includes technical parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 30.1 ms, VBW 300 kHz, and Mode Auto Sweep. The date and time are 27/AUG/2020 20:40:18.
CH39 1GHz~26GHz	This spectrum plot shows a noisy baseline across the 1 GHz to 26 GHz range. The y-axis ranges from -70 to 10 dBm. A red horizontal line is drawn at -21.540 dBm. The plot includes technical parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 250 ms, VBW 300 kHz, and Mode Auto Sweep. The date and time are 27/AUG/2020 20:40:34.

CH78 Reference level	This spectrum plot shows a single prominent peak at 2.4797000 GHz. The y-axis represents power in dBm, ranging from -60 to 20. The x-axis represents frequency in GHz, with a span of 30.0 MHz. The peak is labeled with a magnitude of -2.17 dBm. The plot includes technical parameters: Ref Level 30.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 1.04 ms, VBW 300 kHz, and Mode Auto Sweep. The date and time are 27/AUG/2020 20:41:35.
CH78 30MHz~1000MHz	This spectrum plot shows a flat noise floor 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 -22.170 dBm. The plot includes technical parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 30.1 ms, VBW 300 kHz, and Mode Auto Sweep. The date and time are 27/AUG/2020 20:41:51.
CH78 1GHz~26GHz	This spectrum plot shows a rising noise floor 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 -22.170 dBm. The plot includes technical parameters: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Att 30 dB, SWF 250 ms, VBW 300 kHz, and Mode Auto Sweep. The date and time are 27/AUG/2020 20:42:07.

Test Item:	Spurious Emission	Modulation type:	8DPSK
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] -16.2 dBm 2.4022100 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 27/AUG/2020 20:44:46		
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] -60.94 dBm 555.6740 MHz M1 -21.600 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 27/AUG/2020 20:45:02		
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] -51.82 dBm 25.846333 GHz M1 -21.600 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 27/AUG/2020 20:45:18		

CH39 Reference level	 The spectrum plot for CH39 Reference level shows a frequency sweep from 2.4 GHz to 2.5 GHz. The y-axis represents power in dBm, ranging from -60 to 20. A prominent peak is visible at 2.441 GHz, reaching approximately 0 dBm. The plot includes a grid and various measurement parameters such as Ref Level, Att, Offset, RBW, and Span.
CH39 30MHz~1000MHz	 The spectrum plot for CH39 30MHz~1000MHz shows a frequency sweep from 30 MHz to 1000 MHz. The y-axis represents power in dBm, ranging from -70 to 10. The plot shows a flat noise floor at approximately -60 dBm. A red horizontal line is drawn at -21.700 dBm. The plot includes a grid and various measurement parameters such as Ref Level, Att, Offset, RBW, and Span.
CH39 1GHz~26GHz	 The spectrum plot for CH39 1GHz~26GHz shows a frequency sweep from 1.0 GHz to 26.0 GHz. The y-axis represents power in dBm, ranging from -70 to 10. The plot shows a flat noise floor at approximately -60 dBm. A red horizontal line is drawn at -21.700 dBm. The plot includes a grid and various measurement parameters such as Ref Level, Att, Offset, RBW, and Span.

CH78 Reference level	 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] -2.39 dBm 2.4802100 GHz CF 2.48 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 27/AUG/2020 20:50:40
CH78 30MHz~1000MHz	 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] -60.18 dBm 582.3480 MHz H1 -22.900 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 27/AUG/2020 20:50:57
CH78 1GHz~26GHz	 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] -52.44 dBm 25.913333 GHz H1 -22.900 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 27/AUG/2020 20:51:13

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