

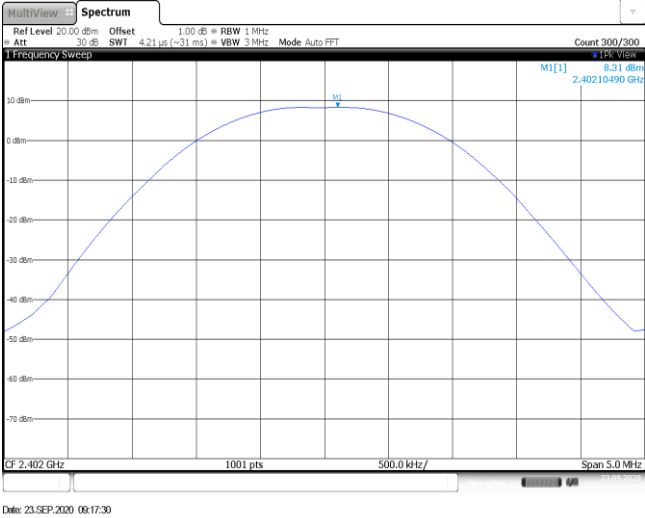
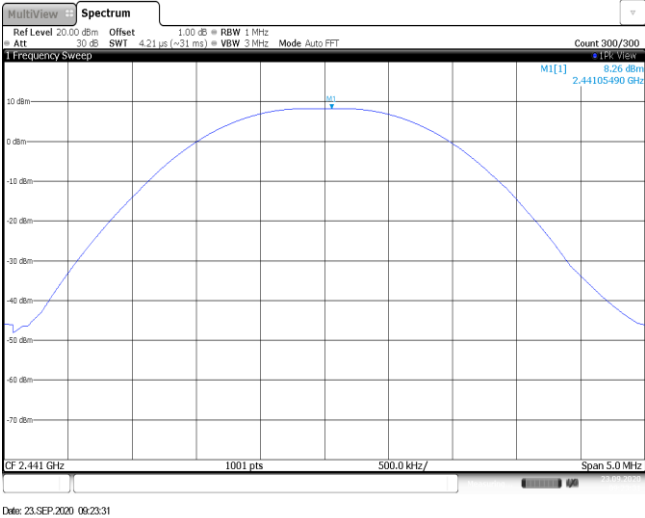
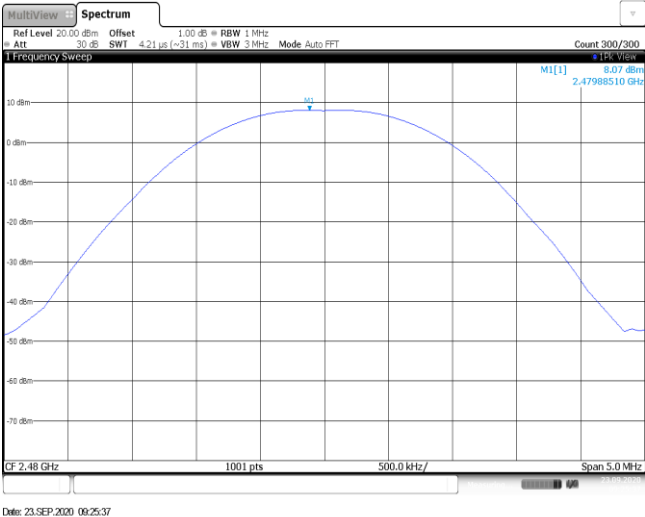
APPENDIX REPORT

Project No.	SHT2009042401EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT20090424003	Model No.	K5
Start test date	2020/9/23	Finish date	2020/9/23
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	8.31	8.30	≤ 30.00	Pass
	39	8.26	8.24		
	78	8.07	8.05		
$\pi/4$ DQPSK	00	9.66	9.02	≤ 21.00	Pass
	39	9.55	8.91		
	78	8.85	8.15		
8DPSK	00	9.77	9.10	≤ 21.00	Pass
	39	9.67	9.02		
	78	9.23	8.48		

Modulation Type: GFSK	
CH00	
CH39	
CH78	

Appendix report page: 4 of 41

Modulation Type:		8DPSK
CH00	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz Att 30 dB SWI 1.01 ms VBW 5 kHz Mode Auto Sweep Count 500/500 1 Frequency Sweep 20 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 1001 pts 500.0 kHz/ Span 5.0 MHz CF 2.402 GHz M1(1) 9.77 dBm 2.40203500 GHz Date: 23.SEP.2020 09:52:14	
CH39	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz Att 30 dB SWI 1.01 ms VBW 5 kHz Mode Auto Sweep Count 500/500 1 Frequency Sweep 20 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 1001 pts 500.0 kHz/ Span 5.0 MHz CF 2.441 GHz M1(1) 9.67 dBm 2.44100000 GHz Date: 23.SEP.2020 10:11:17	
CH78	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz Att 30 dB SWI 1.01 ms VBW 5 kHz Mode Auto Sweep Count 500/500 1 Frequency Sweep 20 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 1001 pts 500.0 kHz/ Span 5.0 MHz CF 2.48 GHz M1(1) 9.23 dBm 2.47996000 GHz Date: 23.SEP.2020 10:18:13	

Appendix B : 20 dB Bandwidth

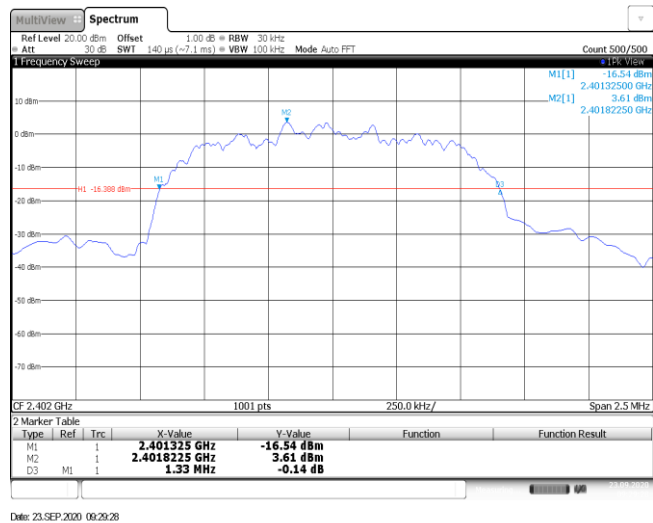
Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	942.50	-	Pass
	39	935.00		
	78	935.00		
$\pi/4$ DQPSK	00	1330.00	-	Pass
	39	1327.50		
	78	1325.00		
8DPSK	00	1307.50	-	Pass
	39	1310.00		
	78	1307.50		

Appendix report page: 7 of 41

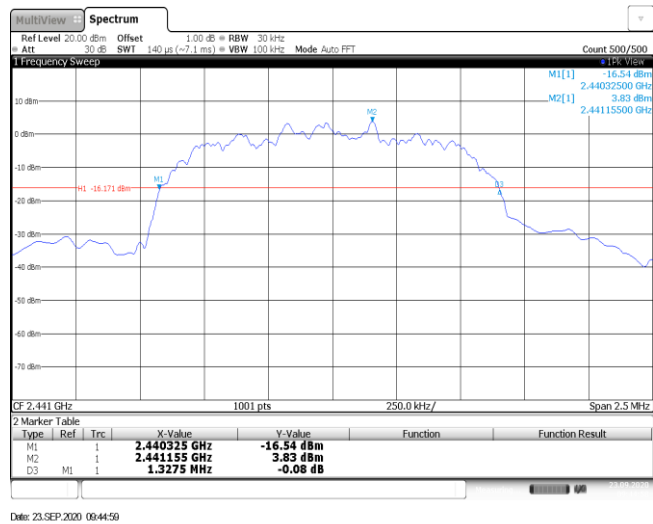
Modulation Type:

 $\pi/4$ DQPSK

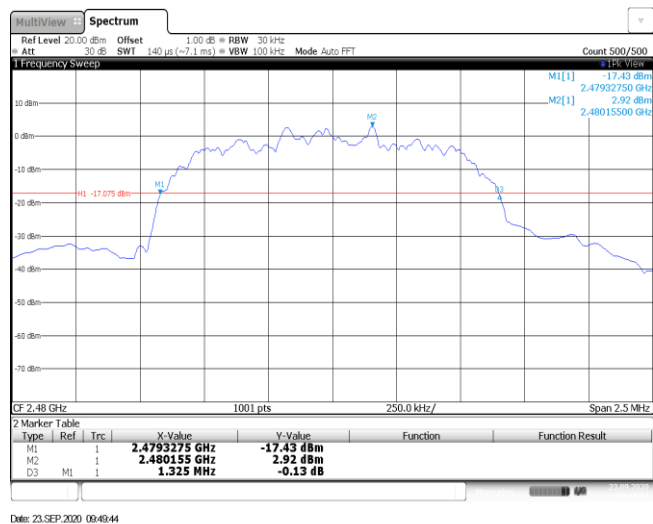
CH00



CH39



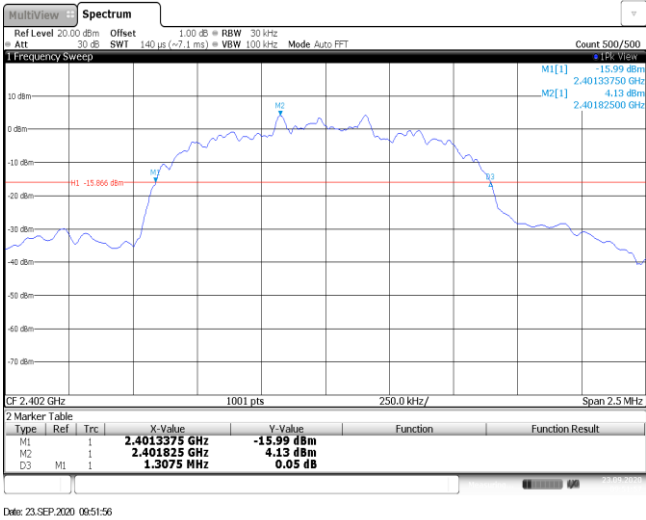
CH78



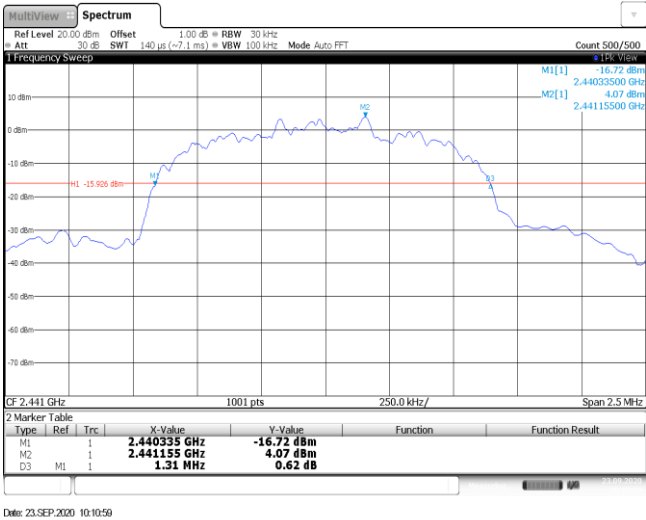
Modulation Type:

8DPSK

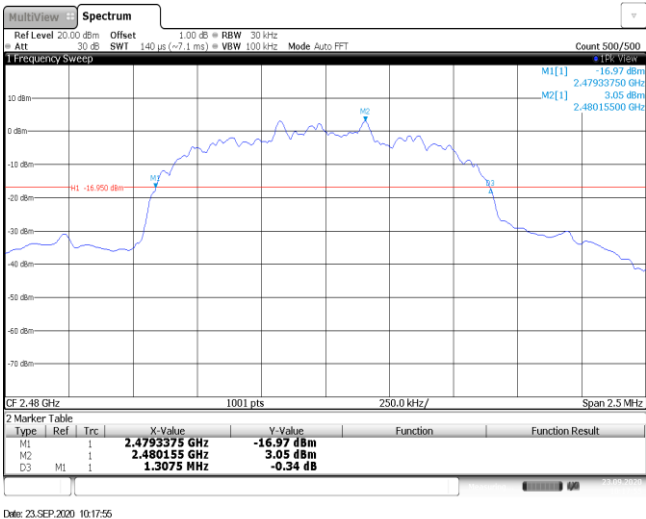
CH00



CH39

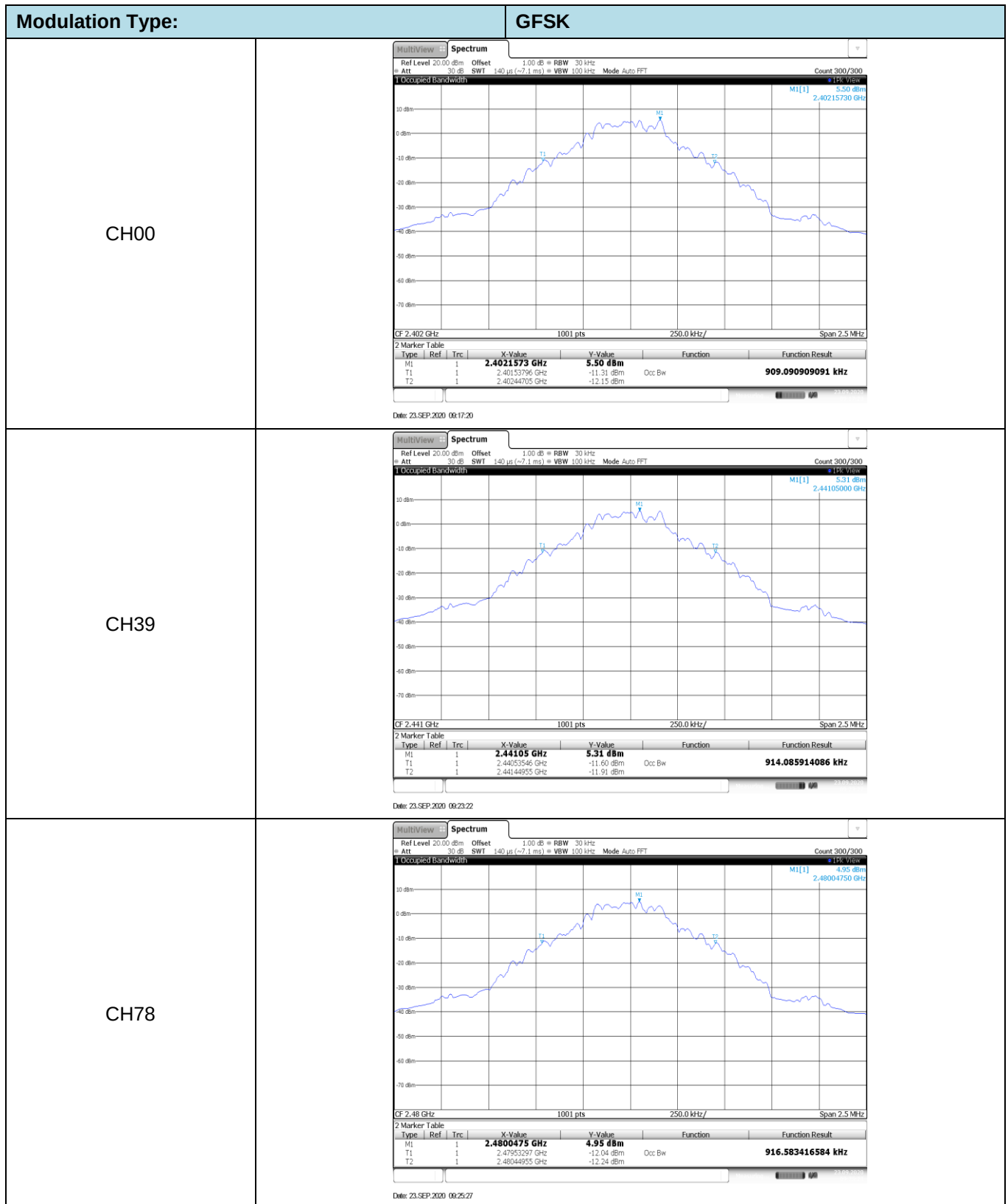


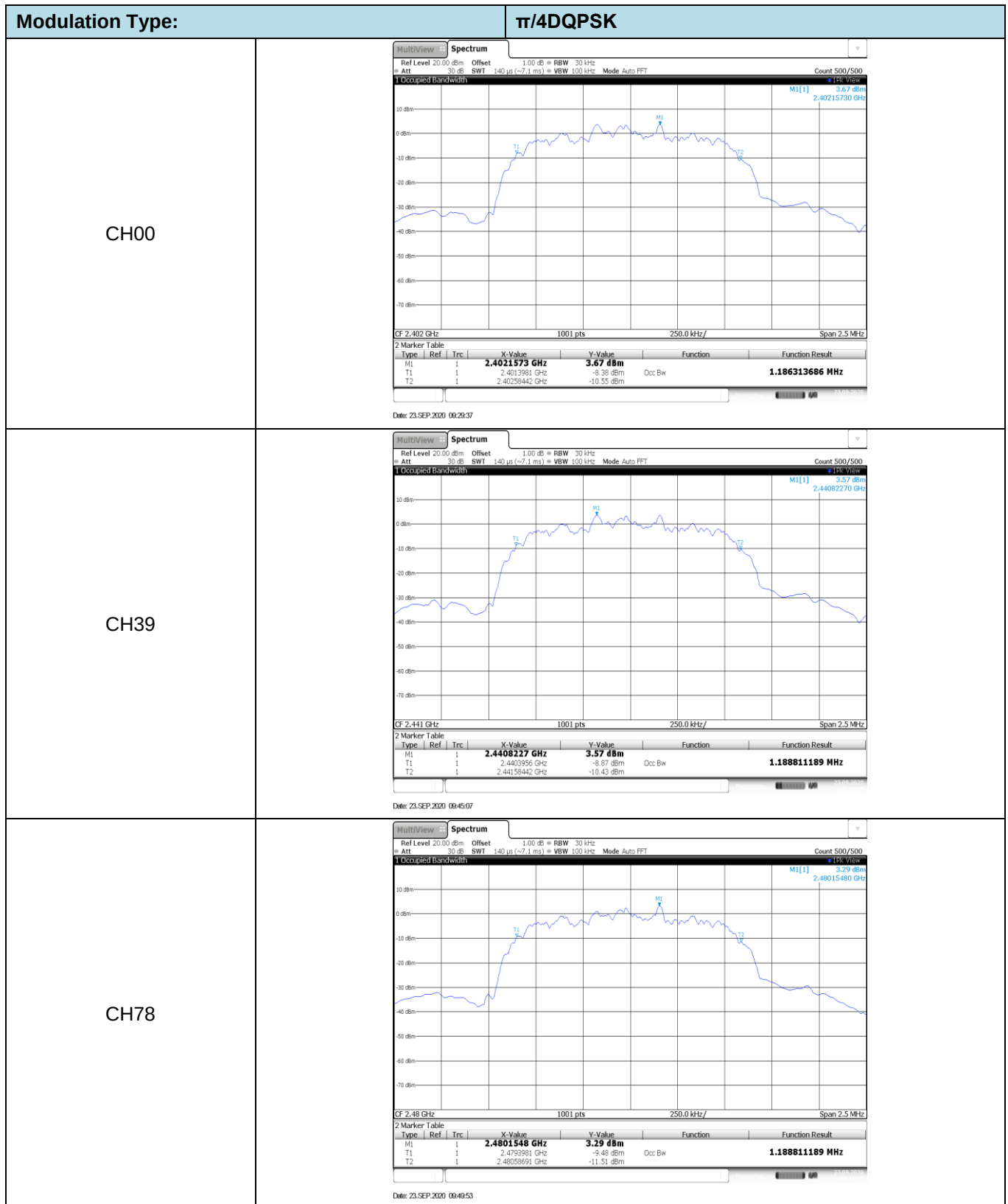
CH78

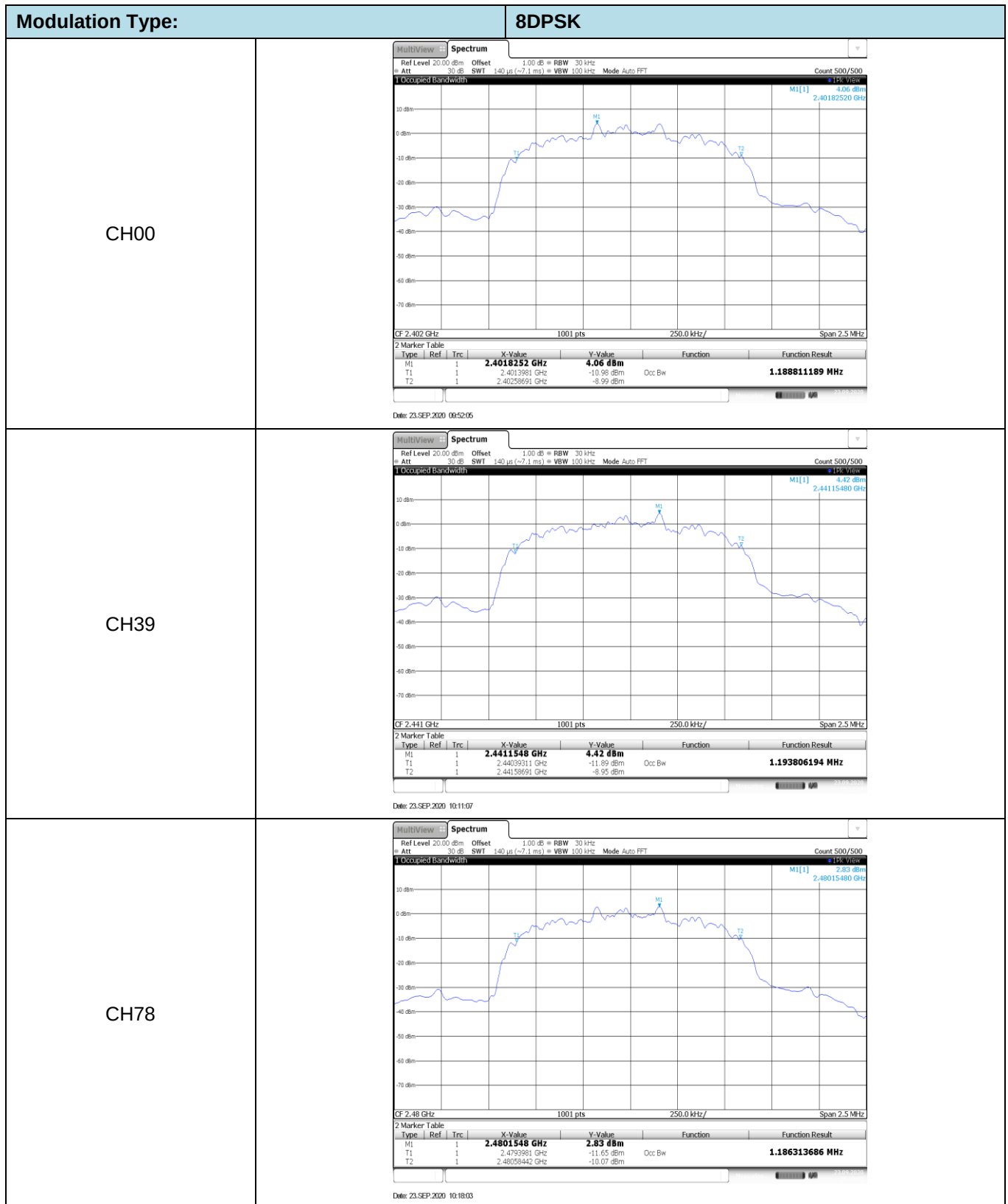


Appendix C: 99% Occupied Bandwidth

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.91	-	Pass
	39	0.91		
	78	0.92		
$\pi/4$ DQPSK	00	1.19	-	Pass
	39	1.19		
	78	1.19		
8DPSK	00	1.19	-	Pass
	39	1.19		
	78	1.19		







Appendix D: Carrier Frequencies Separation

Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	00	1.00	≥935.00	Pass
π/4DQPSK	00	1.00	≥886.67	Pass
8DPSK	39	1.00	≥873.33	Pass

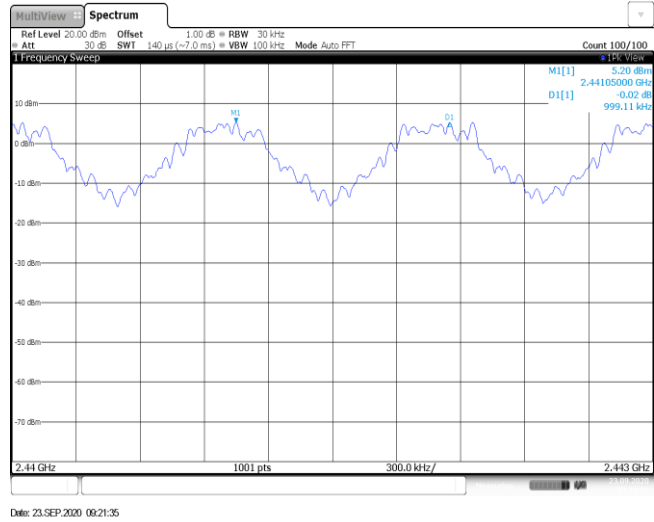
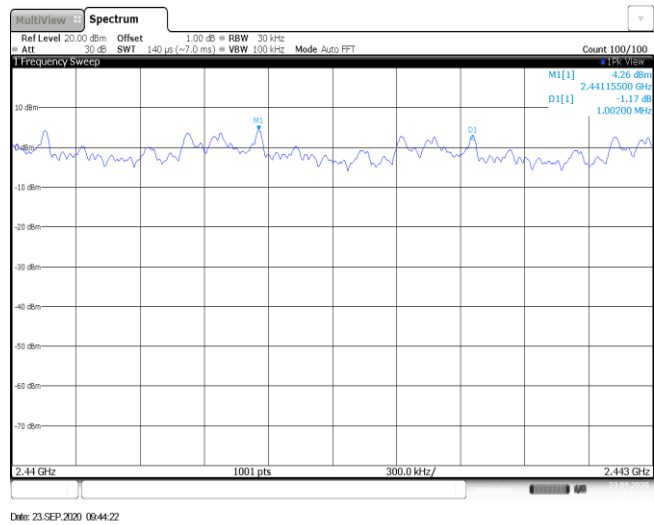
Note:

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

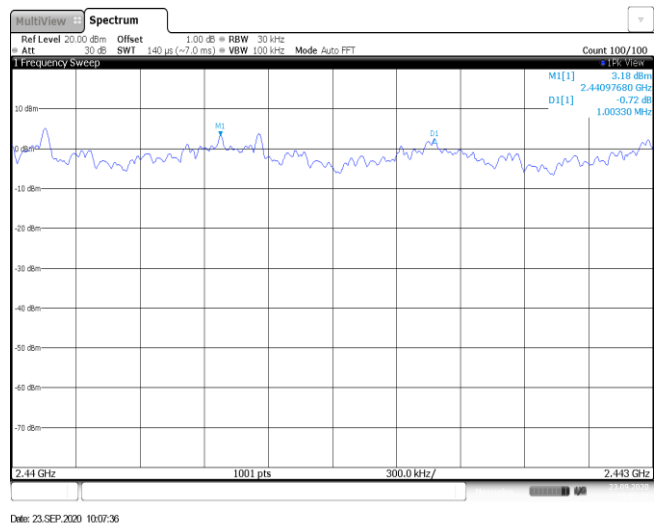
π/4DQPSK limit = $2/3$ * The maximum 20 dB Bandwidth for π/4DQPSK modulation on the appendix B.

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

GFSK

 $\pi/4$ DQPSK

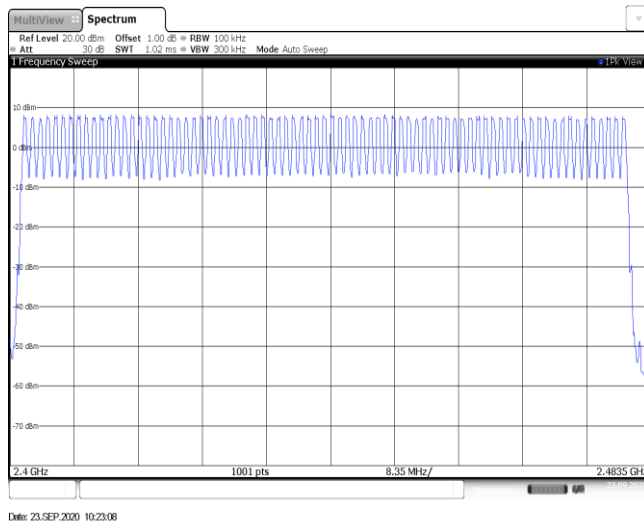
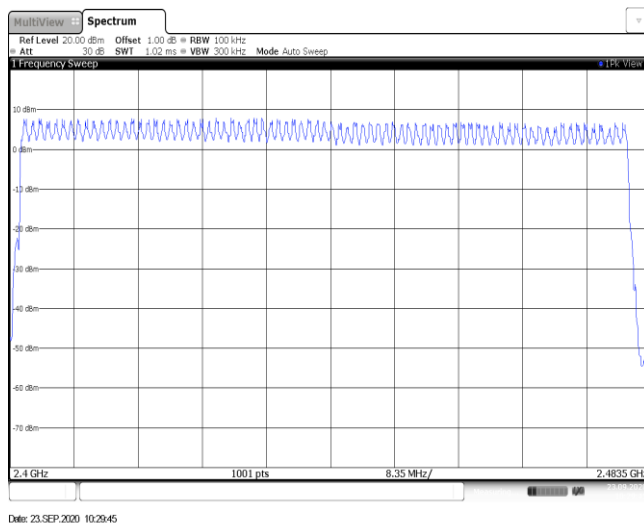
8DPSK



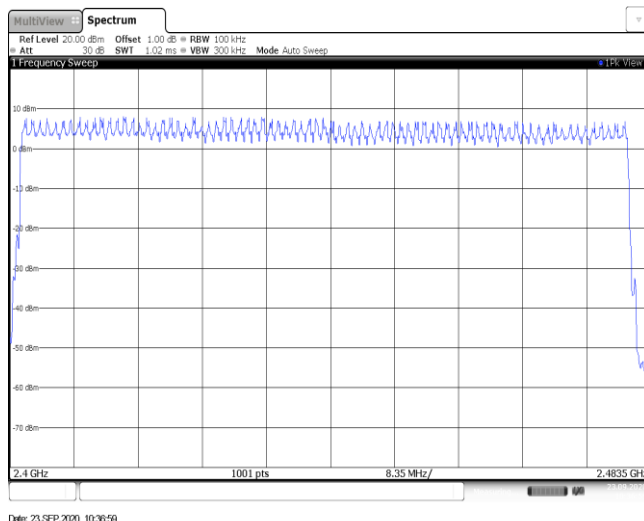
Appendix E: Hopping Channel Number

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

GFSK

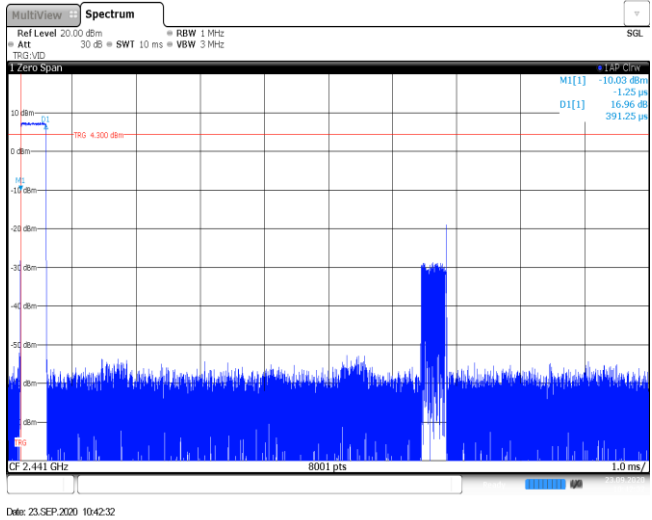
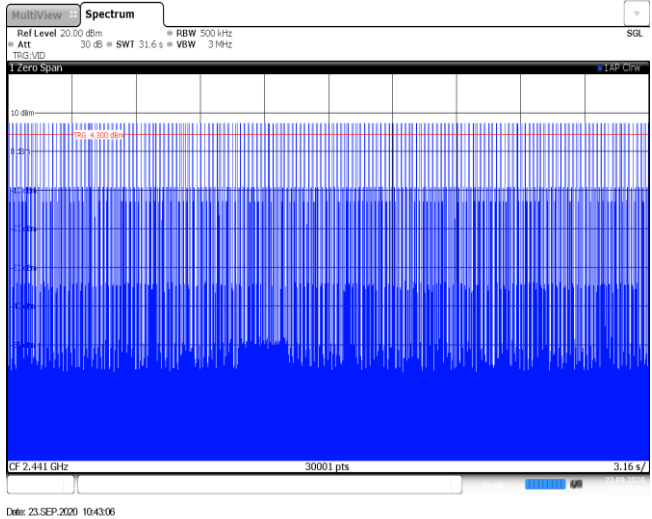
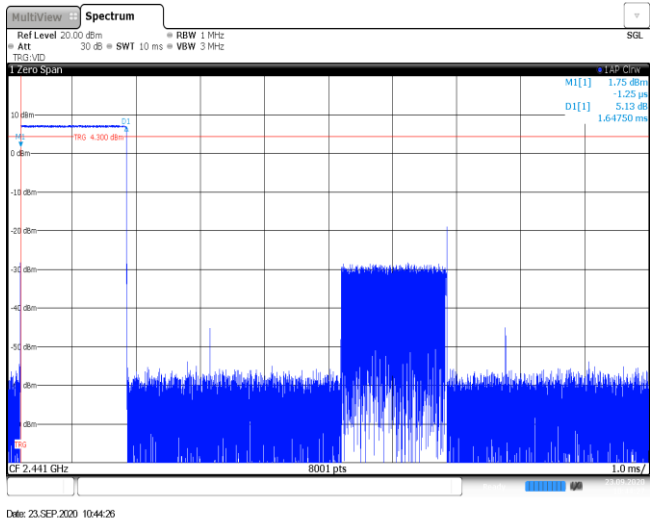
 $\pi/4$ DQPSK

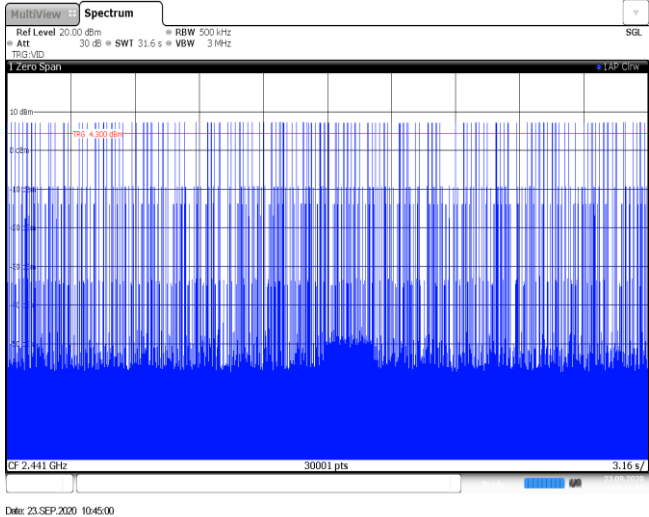
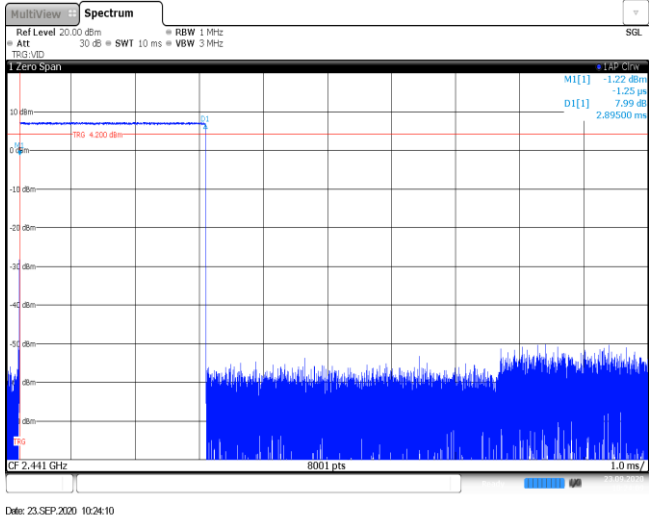
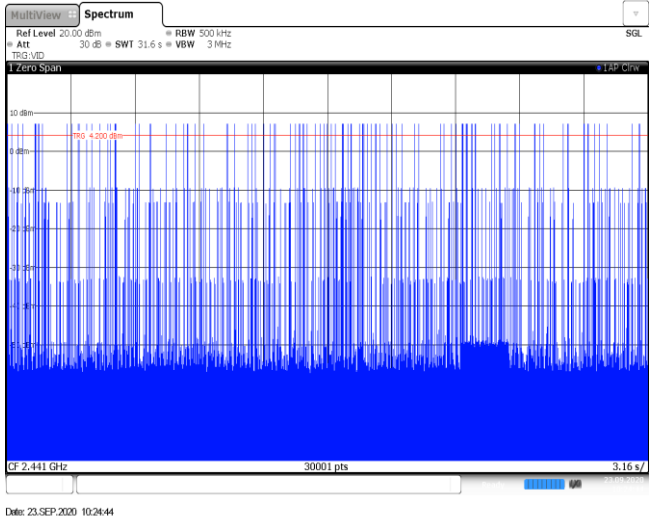
8DPSK

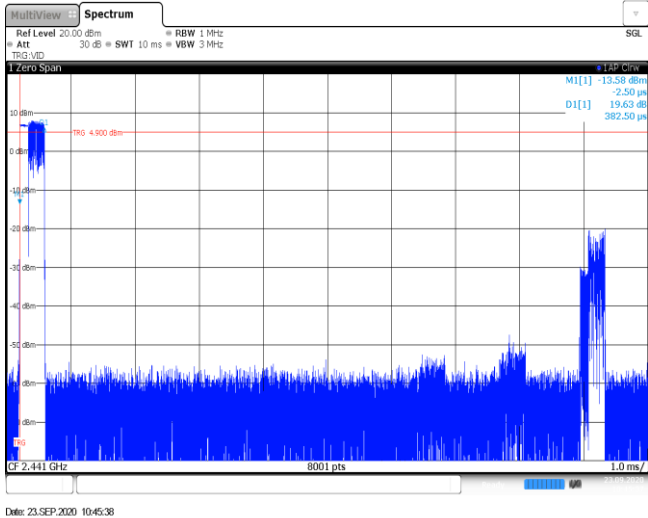
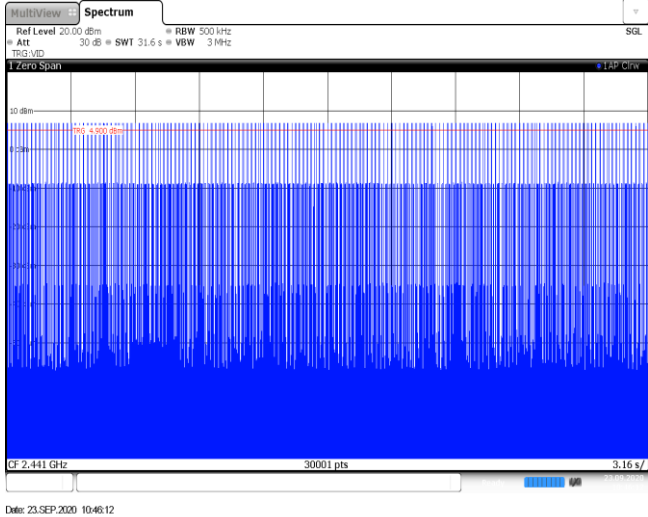
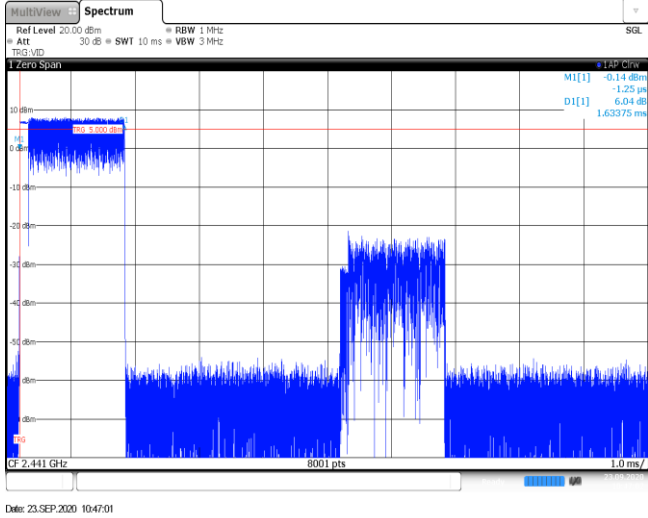


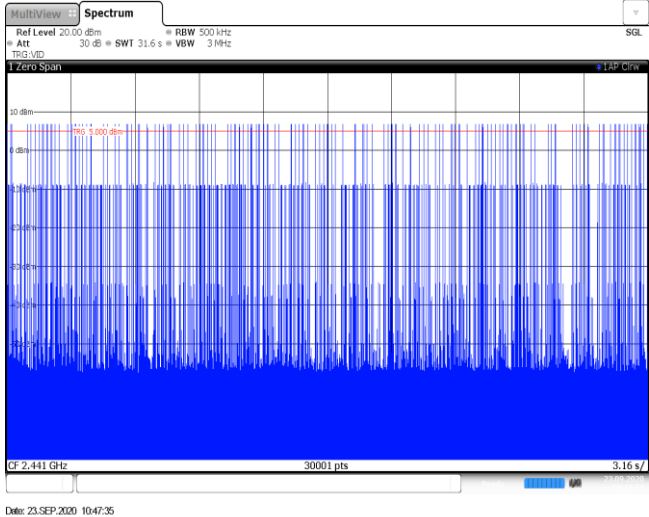
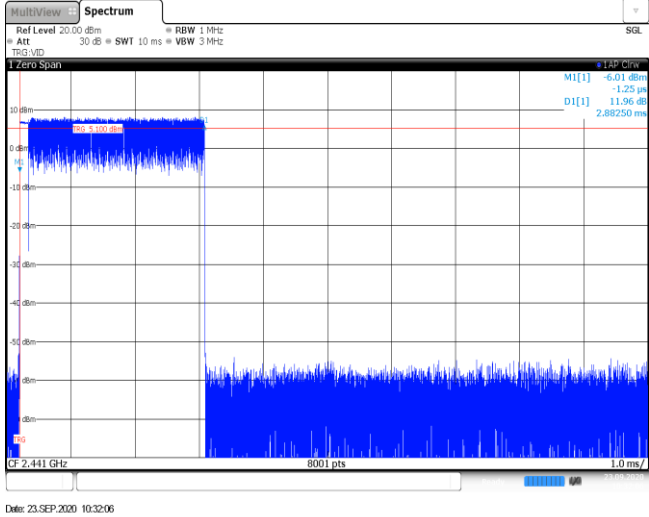
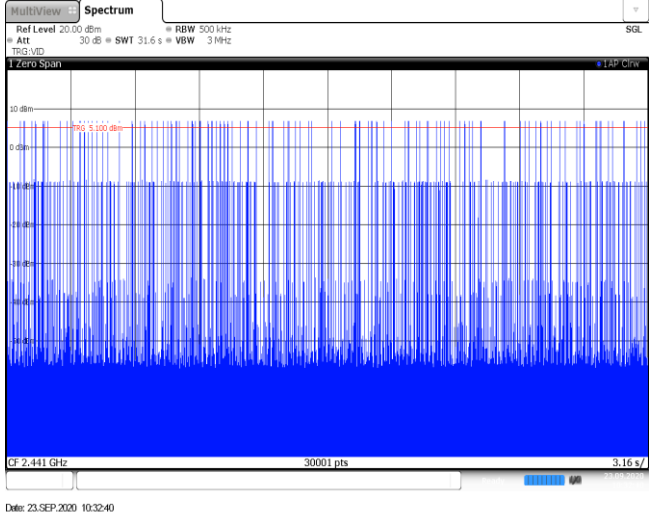
Appendix F: Dwell Time

Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.39	321	0.13	≤ 0.40	Pass
	DH3	1.65	170	0.28		
	DH5	2.90	104	0.30		
$\pi/4$ DQPSK	2DH1	0.38	319	0.12	≤ 0.40	Pass
	2DH3	1.63	157	0.26		
	2DH5	2.88	114	0.33		
8DPSK	3DH1	0.38	319	0.12	≤ 0.40	Pass
	3DH3	1.63	149	0.24		
	3DH5	2.88	101	0.29		

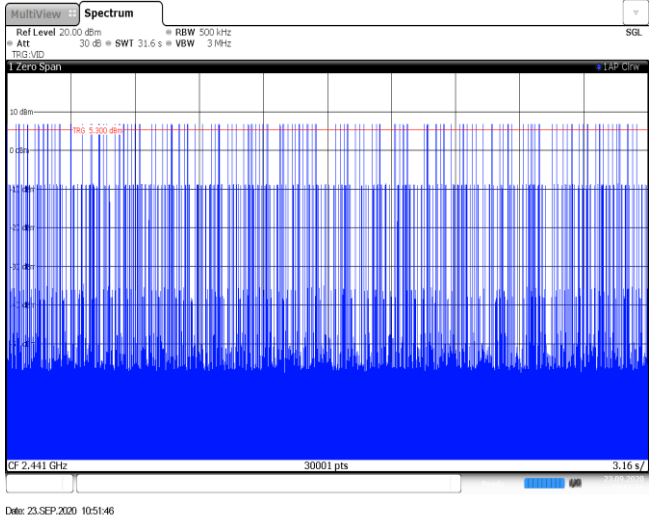
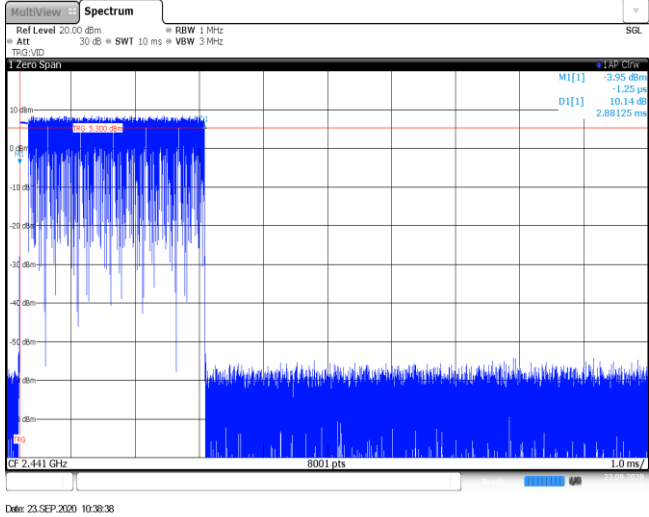
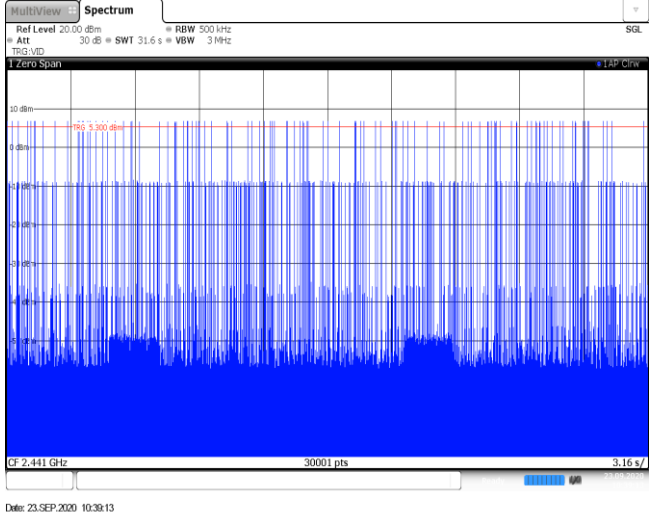
Modulation Type: GFSK	
DH1 Burst width	
DH1 Burst number	
DH3 Burst width	

DH3 Burst number	 The screenshot shows a spectrum analyzer interface with the title 'Spectrum'. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. A red horizontal line is drawn at approximately -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 and time are 'Date: 23.SEP.2000 10:45:00'.
DH5 Burst width	 The screenshot shows a spectrum analyzer interface with the title 'Spectrum'. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. A red horizontal line is drawn at approximately -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 and time are 'Date: 23.SEP.2000 10:24:10'.
DH5 Burst number	 The screenshot shows a spectrum analyzer interface with the title 'Spectrum'. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. A red horizontal line is drawn at approximately -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 and time are 'Date: 23.SEP.2000 10:24:44'.

Modulation Type: $\pi/4$ DQPSK	
2DH1 Burst width	 Ref Level 20.00 dBm Att 30 dB RBW 1 MHz SWT 10 ms VBW 3 MHz M1[1] -13.58 dBm D1[1] -2.50 dBm 19.63 dBm 382.50 dBm CF 2.441 GHz 8001 pts 1.0 ms Date: 23.SEP.2020 10:45:38
2DH1 Burst number	 Ref Level 20.00 dBm Att 30 dB RBW 500 kHz SWT 31.6 s VBW 3 MHz CF 2.441 GHz 30001 pts 3.16 s Date: 23.SEP.2020 10:46:12
2DH3 Burst width	 Ref Level 20.00 dBm Att 30 dB RBW 1 MHz SWT 10 ms VBW 3 MHz M1[1] -0.14 dBm D1[1] -1.25 dBm 6.04 dBm 1.63375 ms CF 2.441 GHz 8001 pts 1.0 ms Date: 23.SEP.2020 10:47:01

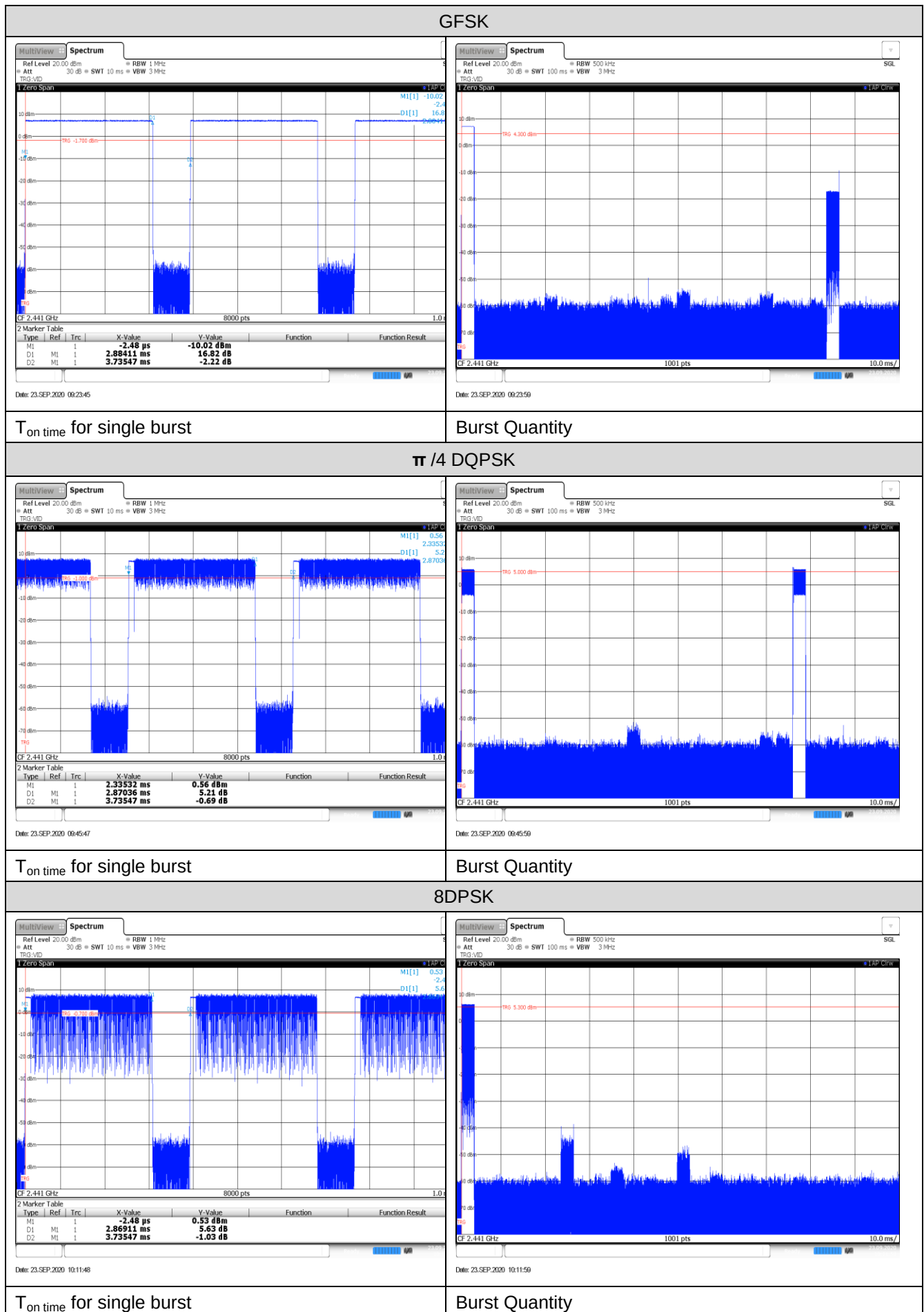
2DH3 Burst number	
2DH5 Burst width	
2DH5 Burst number	

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)

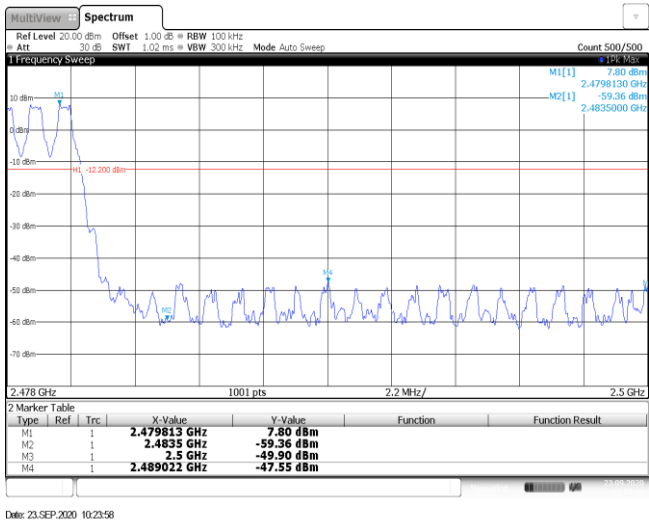
DCCF Calculate Formula					
$DCCF = 20 * \text{Log}(\text{duty cycle}) = 20 * \text{Log}(T_{\text{on time}} / T_{\text{period}})$					
Modulation type	Test Frequency (MHz)	$T_{\text{on time}}$ for single burst [ms]	T_{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.88	100	2.00	-24.79
$\pi/4$ DQPSK	2441	2.87	100	2.00	-24.82
8DPSK	2441	2.87	100	1.00	-30.84



Appendix H: Band edge and Spurious Emissions (conducted)

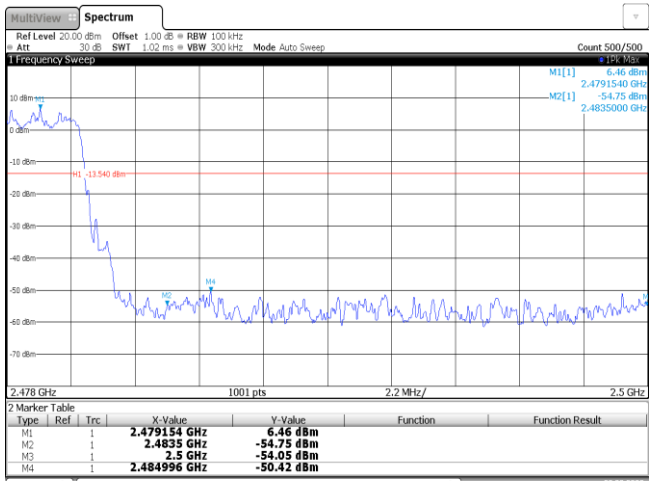
Test Item:	Band edge	Modulation type:	GFSK
CH00 No hopping mode			

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] 7.73 dBm 2.401821 GHz M2[1] -46.10 dBm 2.400000 GHz -12.270 dBm M1 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>2.401821 GHz</td><td>7.73 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-46.10 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-61.11 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-62.99 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.349908 GHz</td><td>-46.90 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2020 11:05:31			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.401821 GHz	7.73 dBm			M2	1		2.4 GHz	-46.10 dBm			M3	1		2.39 GHz	-61.11 dBm			M4	1		2.31 GHz	-62.99 dBm			M5	1		2.349908 GHz	-46.90 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.401821 GHz	7.73 dBm																																									
M2	1		2.4 GHz	-46.10 dBm																																									
M3	1		2.39 GHz	-61.11 dBm																																									
M4	1		2.31 GHz	-62.99 dBm																																									
M5	1		2.349908 GHz	-46.90 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] 7.67 dBm 2.404763 GHz M2[1] -48.41 dBm 2.400000 GHz -12.230 dBm M1 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>2.404763 GHz</td><td>7.67 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-48.41 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-57.50 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-51.87 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.34781 GHz</td><td>-44.65 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2020 10:31:28			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404763 GHz	7.67 dBm			M2	1		2.4 GHz	-48.41 dBm			M3	1		2.39 GHz	-57.50 dBm			M4	1		2.31 GHz	-51.87 dBm			M5	1		2.34781 GHz	-44.65 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.404763 GHz	7.67 dBm																																									
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M5	1		2.34781 GHz	-44.65 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] 6.41 dBm 2.480143 GHz M2[1] -56.51 dBm 2.483500 GHz -13.590 dBm M1 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>2.480143 GHz</td><td>6.41 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-56.51 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-63.41 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483522 GHz</td><td>-57.04 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2020 09:50:35			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.480143 GHz	6.41 dBm			M2	1		2.4835 GHz	-56.51 dBm			M3	1		2.5 GHz	-63.41 dBm			M4	1		2.483522 GHz	-57.04 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.480143 GHz	6.41 dBm																																									
M2	1		2.4835 GHz	-56.51 dBm																																									
M3	1		2.5 GHz	-63.41 dBm																																									
M4	1		2.483522 GHz	-57.04 dBm																																									

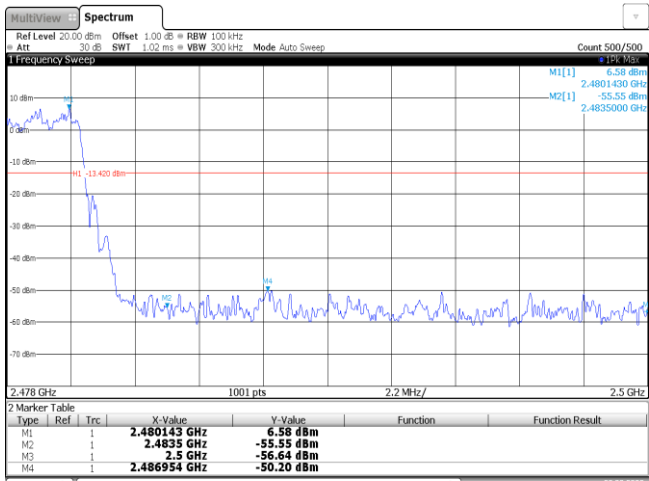
CH78
Hopping mode



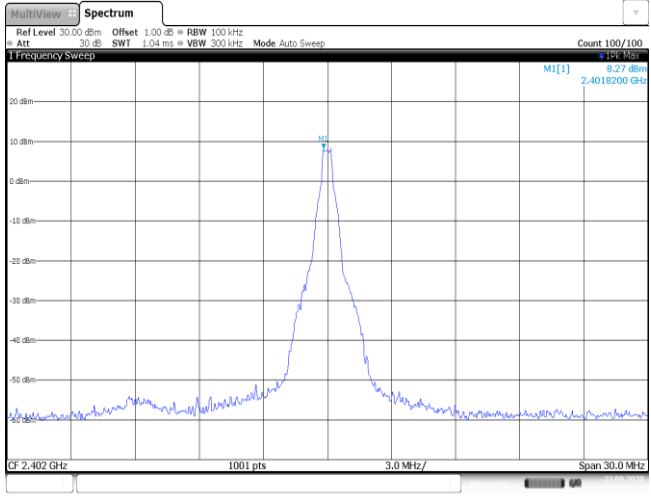
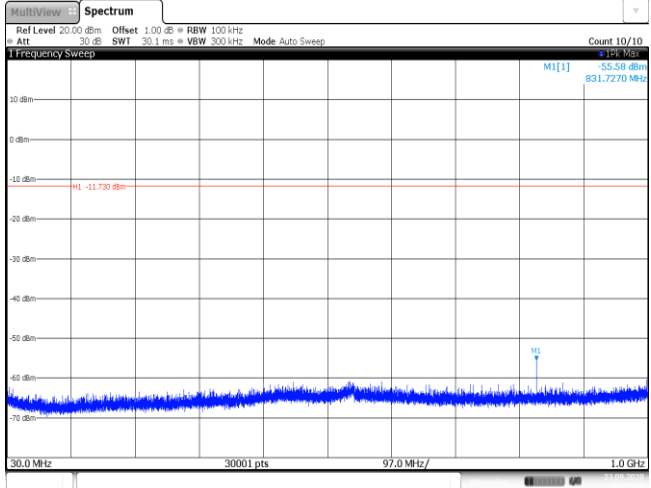
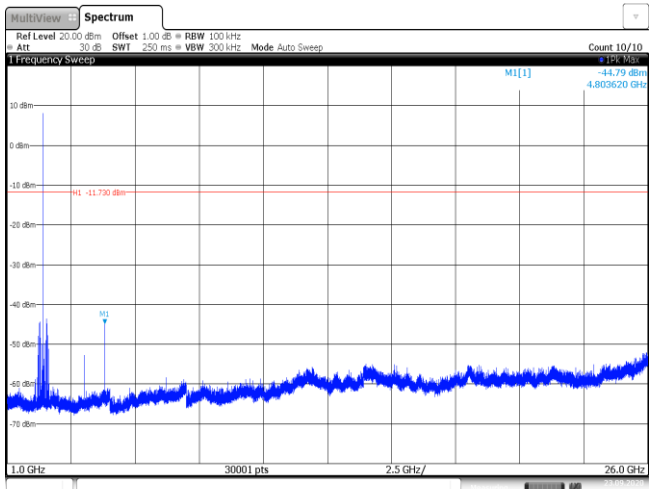
Date: 23.SEP.2020 10:31:55

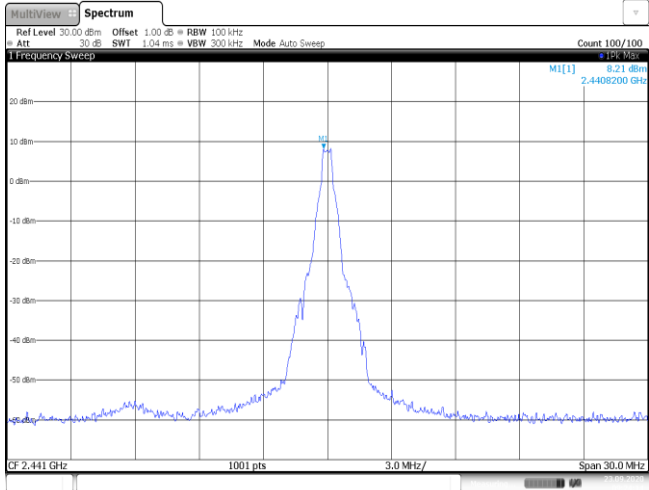
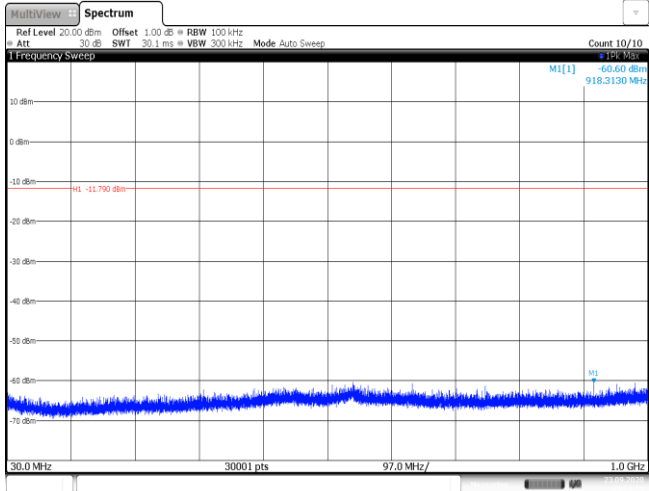
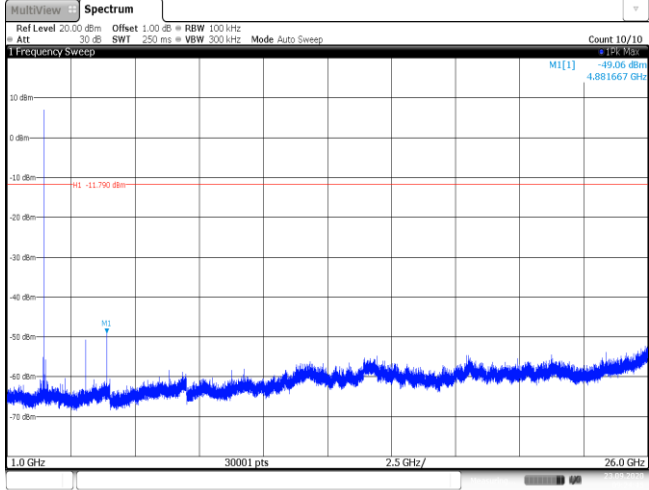
Test Item:	Band edge	Modulation type:	8DPSK																																										
CH00 No hopping mode	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SW 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 7.67 dBm 2.401821 GHz M2 -46.35 dBm 2.4 GHz M3 -62.34 dBm 2.39 GHz M4 -63.93 dBm 2.31 GHz M5 -48.84 dBm 2.349908 GHz 2.31 GHz1001 pts9.5 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>2.401821 GHz</td><td>7.67 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-46.35 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-62.34 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.93 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.349908 GHz</td><td>-48.84 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2020 09:59:20			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.401821 GHz	7.67 dBm			M2	1		2.4 GHz	-46.35 dBm			M3	1		2.39 GHz	-62.34 dBm			M4	1		2.31 GHz	-63.93 dBm			M5	1		2.349908 GHz	-48.84 dBm		
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CH78 No hopping mode	MultiViewSpectrum 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 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 6.61 dBm 2.479813 GHz M2 -55.75 dBm 2.4835 GHz M3 -60.30 dBm 2.5 GHz M4 -55.92 dBm 2.483522 GHz 2.478 GHz1001 pts2.2 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>2.479813 GHz</td><td>6.61 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-55.75 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-60.30 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483522 GHz</td><td>-55.92 dBm</td><td></td><td></td></tr></table> Date: 23.SEP.2020 10:18:46			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479813 GHz	6.61 dBm			M2	1		2.4835 GHz	-55.75 dBm			M3	1		2.5 GHz	-60.30 dBm			M4	1		2.483522 GHz	-55.92 dBm									
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CH78
Hoppig mode

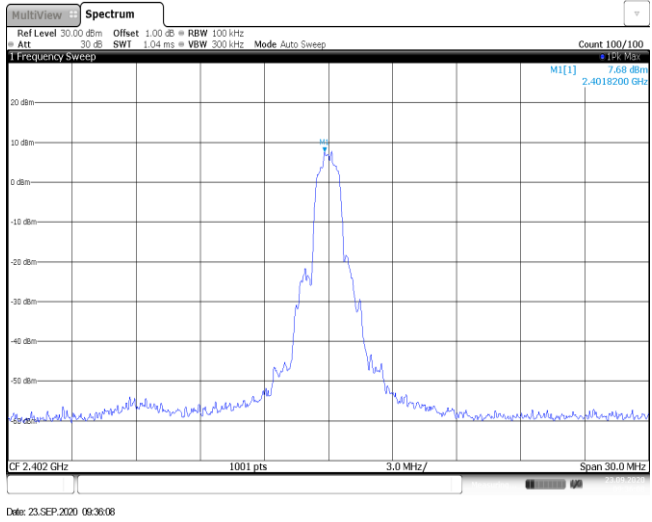
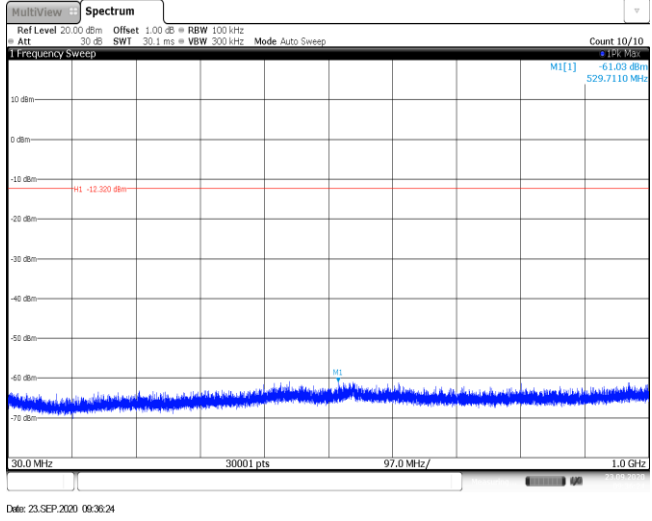
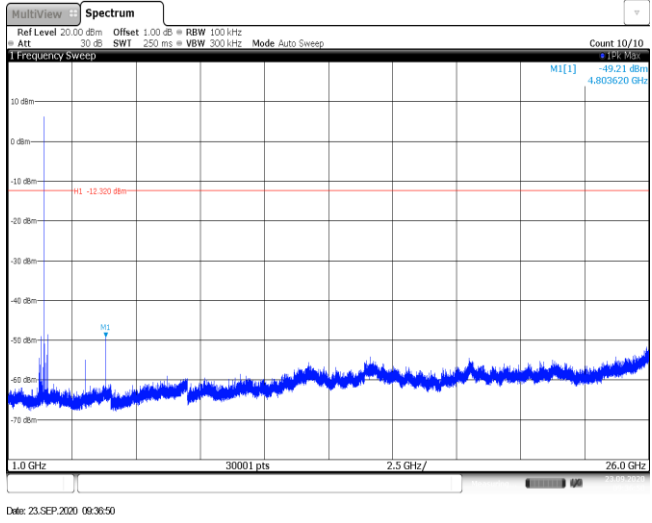


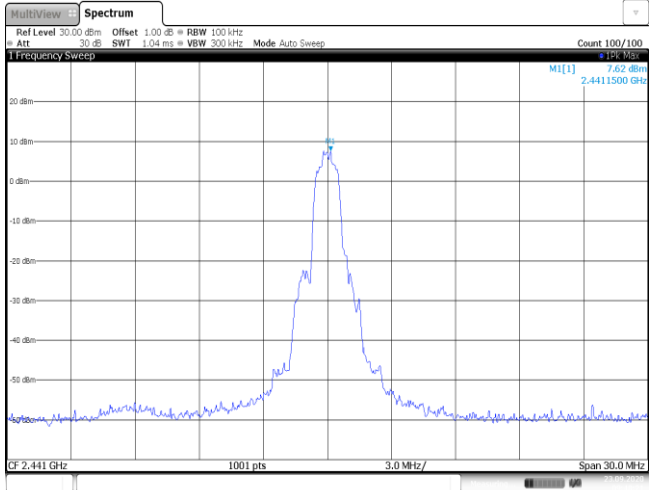
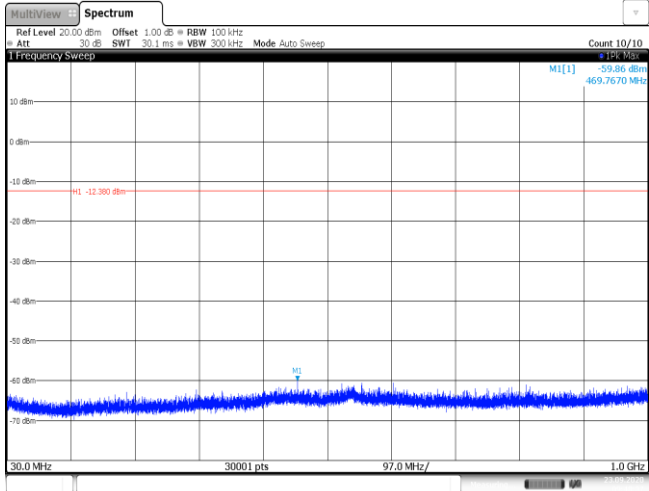
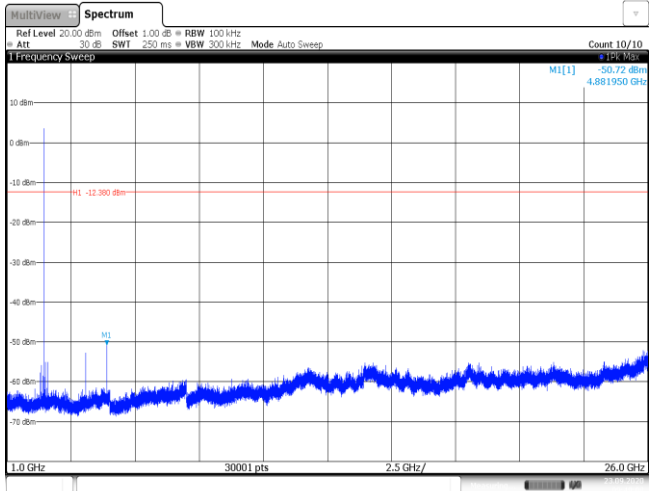
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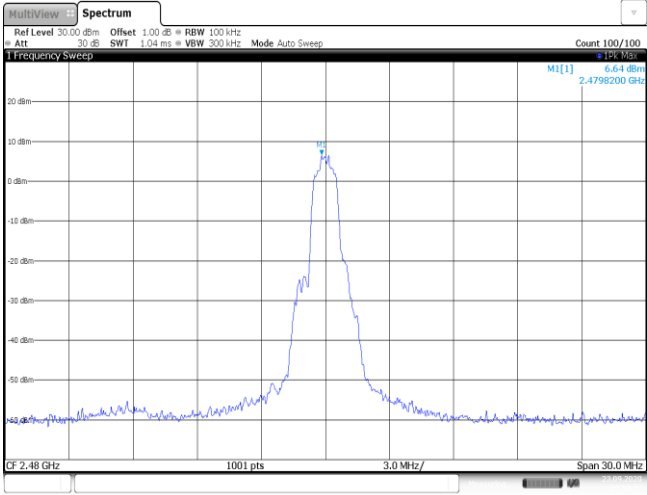
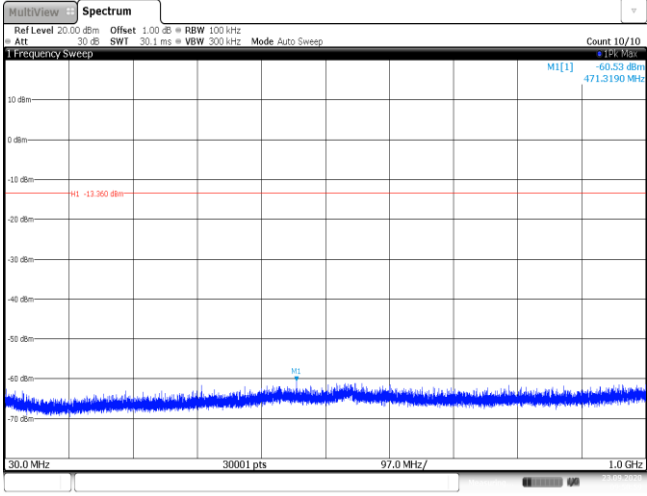
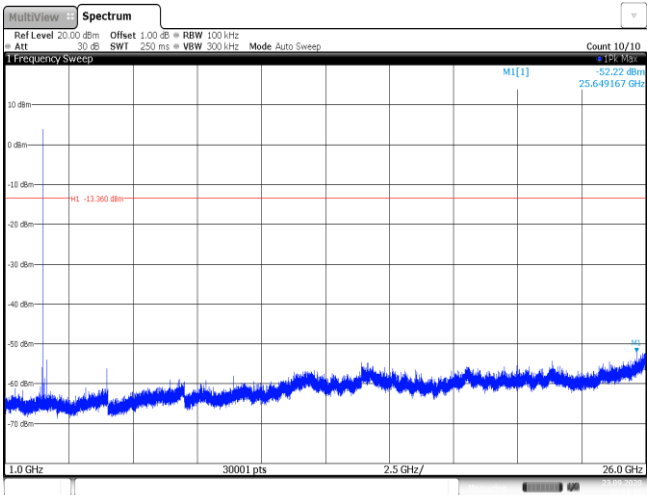
Test Item:	Spurious Emission	Modulation type:	GFSK
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CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

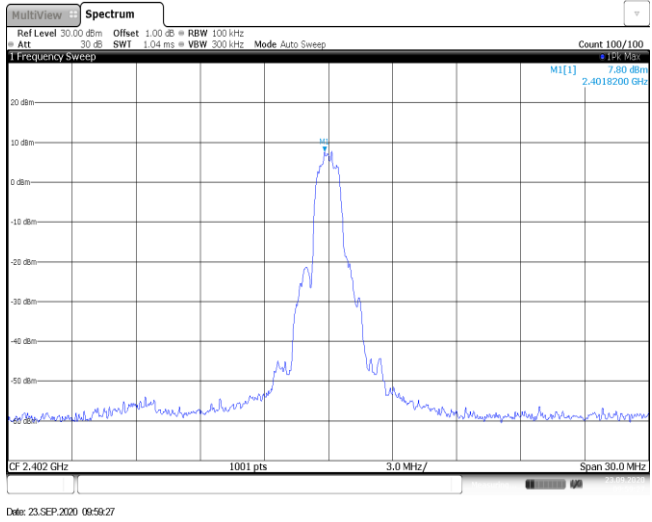
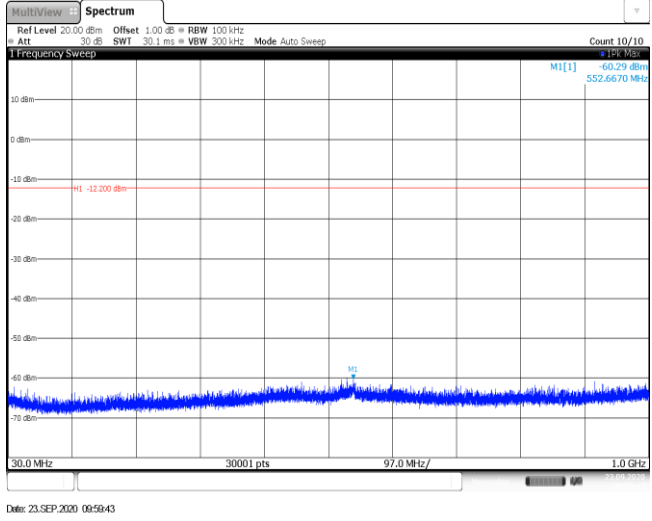
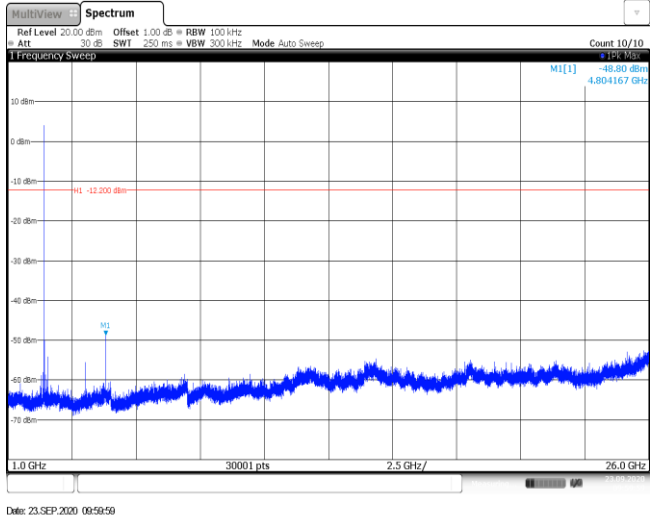
CH39 Reference level	
CH39 30MHz~1000MHz	
CH39 1GHz~26GHz	

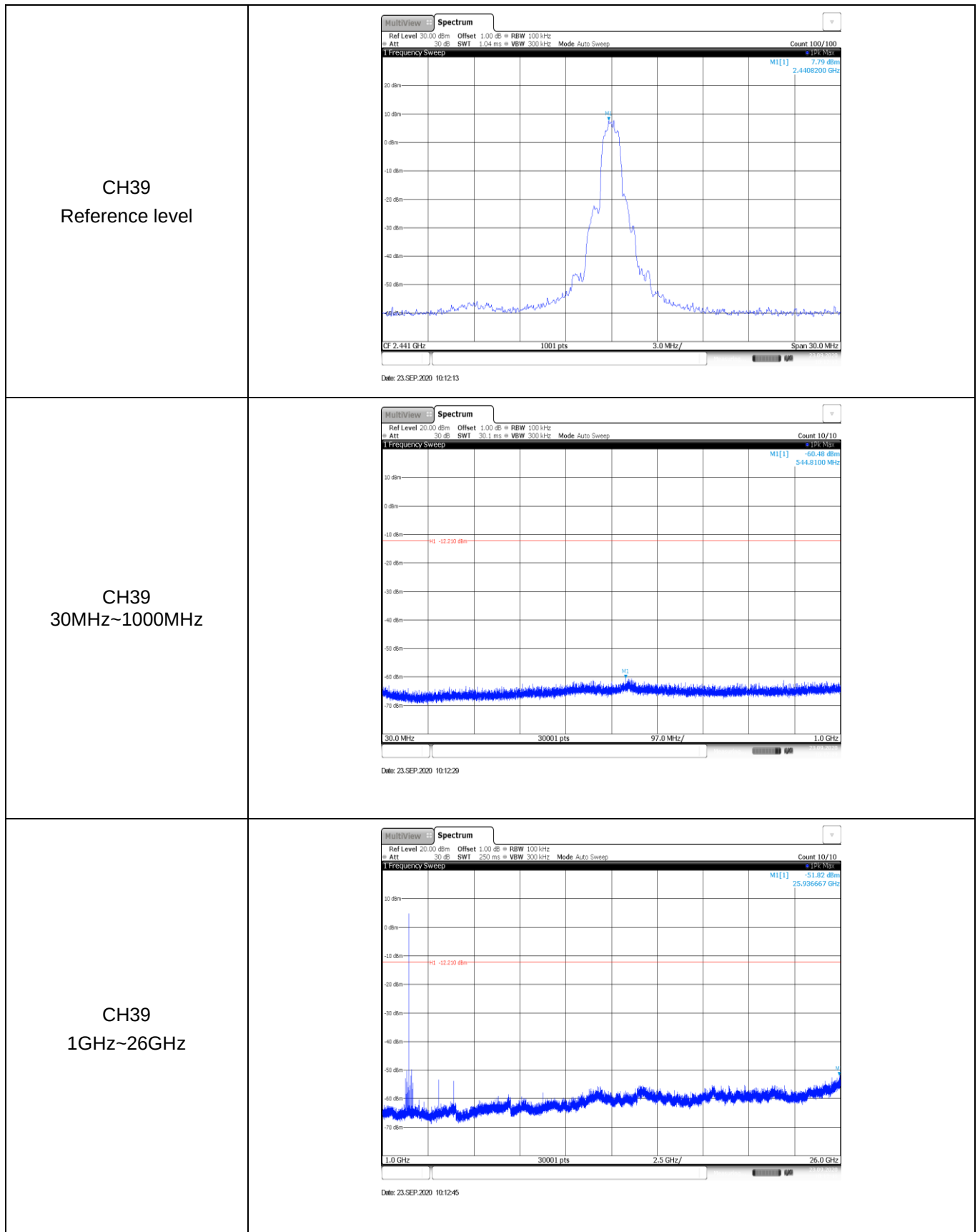
CH78 Reference level	A spectrum plot titled 'Spectrum' showing a single sharp peak. The y-axis is labeled from -60 dBm to 20 dBm. The x-axis is labeled from 2.4 GHz to 3.0 MHz. A peak is visible at 2.4798200 GHz with a magnitude of 8.01 dBm. The plot includes settings: Ref Level 30.00 dBm, Offset 1.00 dB, RBW 100 kHz, Mode Auto Sweep, Count 100/100, and Span 30.0 MHz. The date is 23.SEP.2020 09:25:58.
CH78 30MHz~1000MHz	A spectrum plot titled 'Spectrum' showing a noise floor. The y-axis is labeled from -70 dBm to 10 dBm. The x-axis is labeled from 30.0 MHz to 1.0 GHz. The noise floor is around -60.64 dBm. A horizontal red line is drawn at -11.900 dBm. The plot includes settings: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Mode Auto Sweep, Count 10/10, and Span 30.0 MHz. The date is 23.SEP.2020 09:26:13.
CH78 1GHz~26GHz	A spectrum plot titled 'Spectrum' showing a noise floor. The y-axis is labeled from -70 dBm to 10 dBm. The x-axis is labeled from 1.0 GHz to 26.0 GHz. The noise floor is around -50.91 dBm. A horizontal red line is drawn at -11.900 dBm. The plot includes settings: Ref Level 20.00 dBm, Offset 1.00 dB, RBW 100 kHz, Mode Auto Sweep, Count 10/10, and Span 25.0 GHz. The date is 23.SEP.2020 09:26:46.

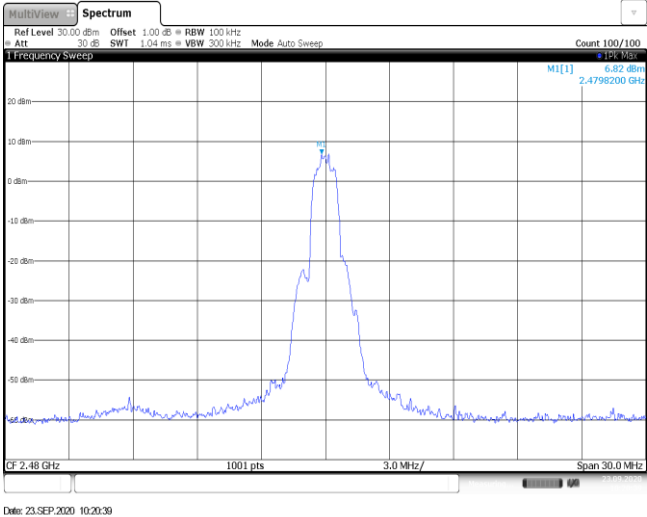
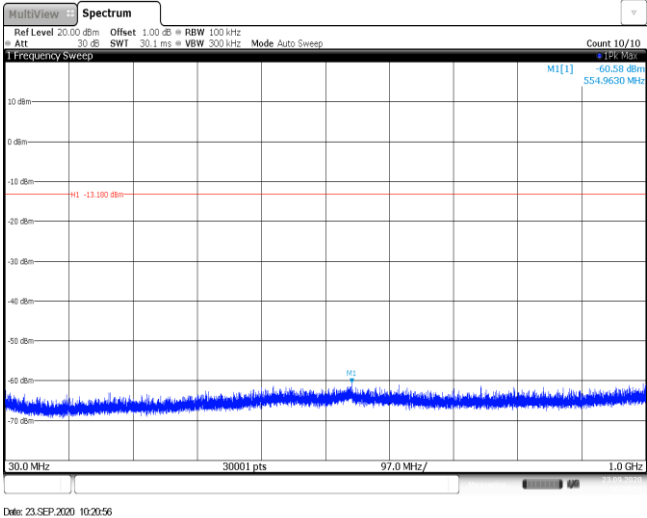
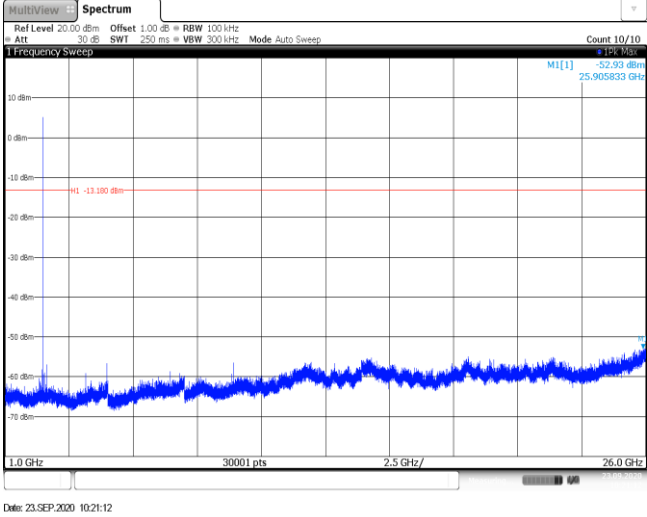
Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
CH00 Reference level			
CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

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 7.62 dBm. The plot is titled 'Spectrum' and includes various settings like Ref Level, Offset, and Mode.
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 -12.300 dBm. The plot is titled 'Spectrum' and includes various settings like Ref Level, Offset, and Mode.
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 -12.300 dBm. The plot is titled 'Spectrum' and includes various settings like Ref Level, Offset, and Mode.

CH78 Reference level	 The spectrum plot 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 and a value of 6.64 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.
CH78 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 -13.360 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.
CH78 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 -13.360 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.

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



CH78 Reference level	 The spectrum plot for CH78 Reference level shows a single prominent peak at 2.4798200 GHz with a magnitude of 6.82 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 -60 dBm to 20 dBm. The date is 23.SEP.2020 10:20:39.
CH78 30MHz~1000MHz	 The spectrum plot for CH78 30MHz~1000MHz range shows a flat noise floor across the entire frequency span. 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 -13.180 dBm. The date is 23.SEP.2020 10:20:56.
CH78 1GHz~26GHz	 The spectrum plot for CH78 1GHz~26GHz range shows a flat noise floor across the entire frequency span. 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 -13.180 dBm. The date is 23.SEP.2020 10:21:12.

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