

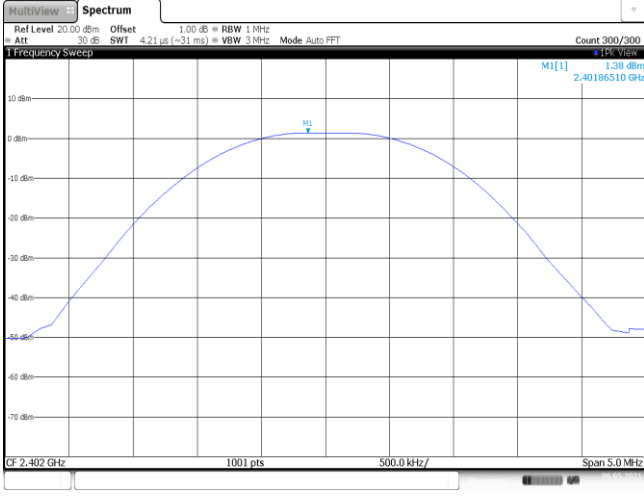
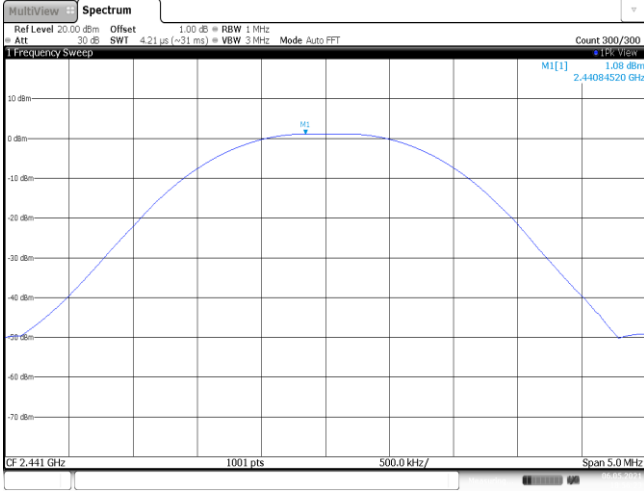
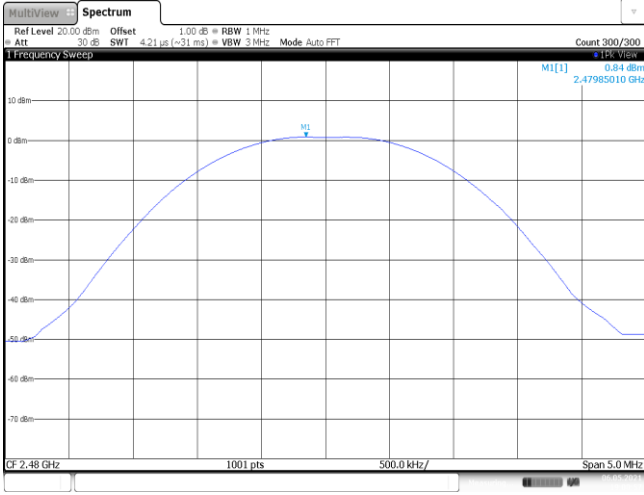
APPENDIX REPORT

Project No.	SHT2104085601EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT21040856003	Model No.	ALPHA
Start test date	2021-05-07	Finish date	2021-05-07
Temperature	25.1°C	Humidity	51%
Test Engineer	Hailey Chen	Auditor	Xiaodong Zhu

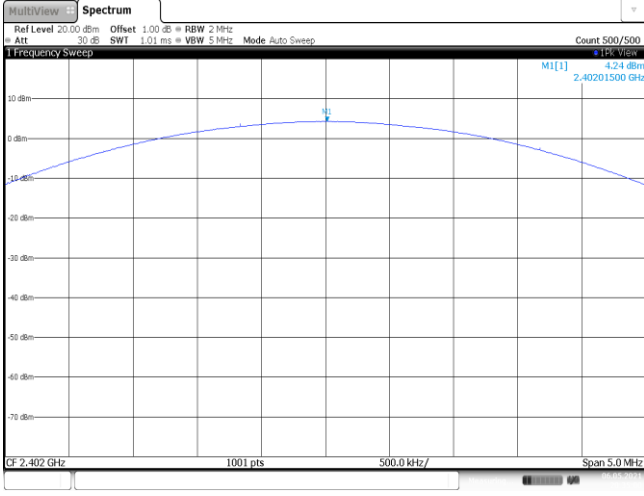
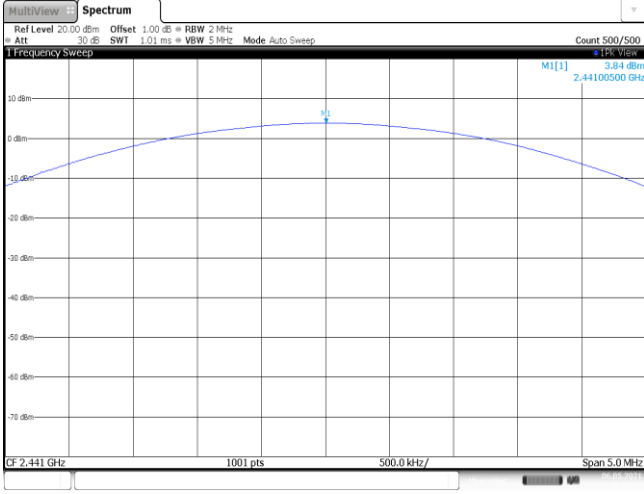
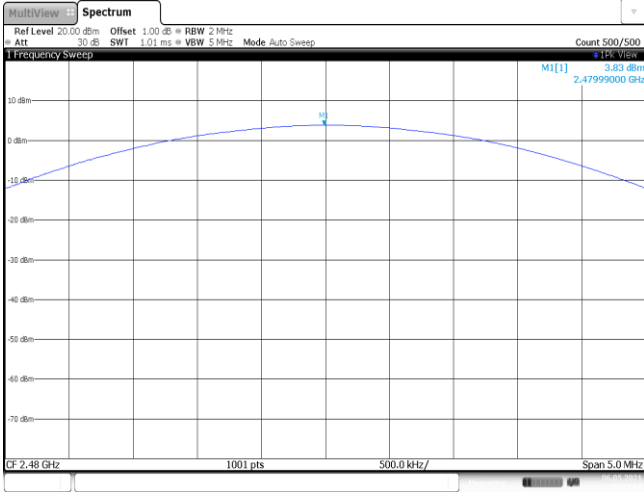
Appendix clause	Test item	Result
A	Peak Output Power	PASS
B	20 dB Bandwidth	PASS
C	99% Occupied Bandwidth	PASS
D	Carrier Frequencies Separation	PASS
E	Hopping Channel Number	PASS
F	Dwell Time	PASS
G	Duty Cycle Correction Factor (DCCF)	PASS
H	Band edge and Spurious Emissions(coducted)	PASS

Appendix A: Peak Output Power

Modulation type	Channel	Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
GFSK	00	1.38	1.36	≤ 30.00	Pass
	39	1.08	1.07		
	78	0.84	0.83		
$\pi/4$ DQPSK	00	3.24	2.88	≤ 21.00	Pass
	39	3.23	2.77		
	78	3.10	2.63		
8DPSK	00	4.24	3.61	≤ 21.00	Pass
	39	3.84	3.18		
	78	3.83	3.15		

Modulation Type:	GFSK
CH00	 Ref Level 20.00 dBm Offset 30 dB SWI 4.21 us (~31 ms) VBW 3 MHz Mode Auto FFT Count 300/300 1 Frequency Sweep M1[1] 1.38 dBm 2.40186510 GHz CF 2.402 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 6 MAY 2021 18:41:37
CH39	 Ref Level 20.00 dBm Offset 30 dB SWI 4.21 us (~31 ms) VBW 3 MHz Mode Auto FFT Count 300/300 1 Frequency Sweep M1[1] 1.08 dBm 2.44084520 GHz CF 2.441 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 6 MAY 2021 18:56:24
CH78	 Ref Level 20.00 dBm Offset 30 dB SWI 4.21 us (~31 ms) VBW 3 MHz Mode Auto FFT Count 300/300 1 Frequency Sweep M1[1] 0.84 dBm 2.47985010 GHz CF 2.48 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 6 MAY 2021 19:08:57

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] 3.24 dBm 2.40189010 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: 6 MAY 2021 20:00:01
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] 3.23 dBm 2.44115480 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: 6 MAY 2021 20:18:08
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] 3.10 dBm 2.47990510 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: 6 MAY 2021 20:24:12

Modulation Type:	8DPSK
CH00	 Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz Att 30 dB SWI 1.01 ms VBW 5 MHz Mode Auto Sweep Count 500/500 1 Frequency Sweep M1[1] 4.24 dBm 2.4021500 GHz CF 2.402 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 6 MAY 2021 20:25:00
CH39	 Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz Att 30 dB SWI 1.01 ms VBW 5 MHz Mode Auto Sweep Count 500/500 1 Frequency Sweep M1[1] 3.84 dBm 2.44100500 GHz CF 2.441 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 6 MAY 2021 20:28:01
CH78	 Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz Att 30 dB SWI 1.01 ms VBW 5 MHz Mode Auto Sweep Count 500/500 1 Frequency Sweep M1[1] 3.83 dBm 2.47999000 GHz CF 2.48 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 6 MAY 2021 20:42:09

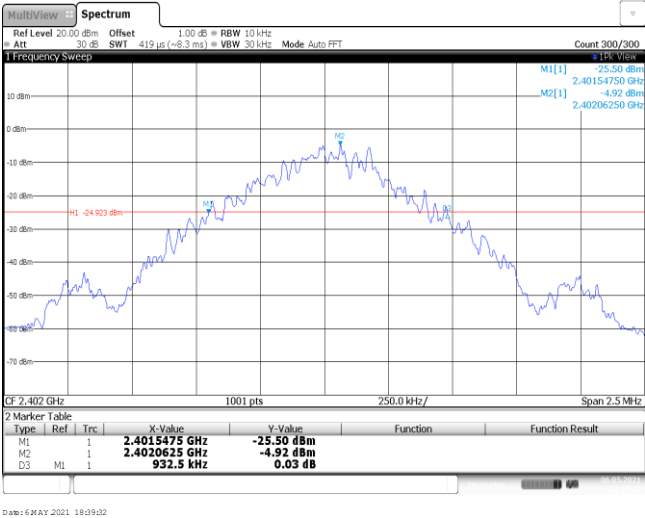
Appendix B : 20 dB Bandwidth

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	1350.00	-	Pass
	39	1345.00		
	78	1350.00		
8DPSK	00	1340.00	-	Pass
	39	1345.00		
	78	1340.00		

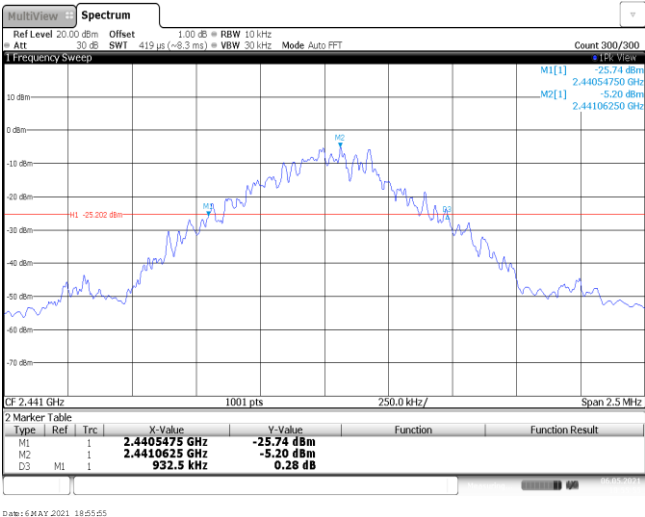
Modulation Type:

GFSK

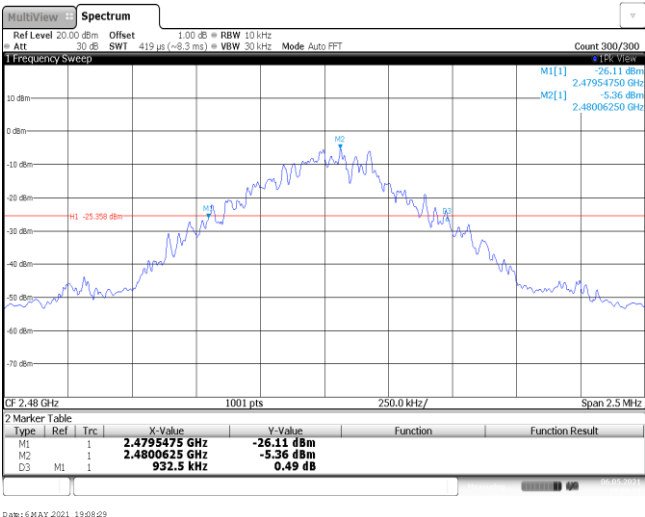
CH00

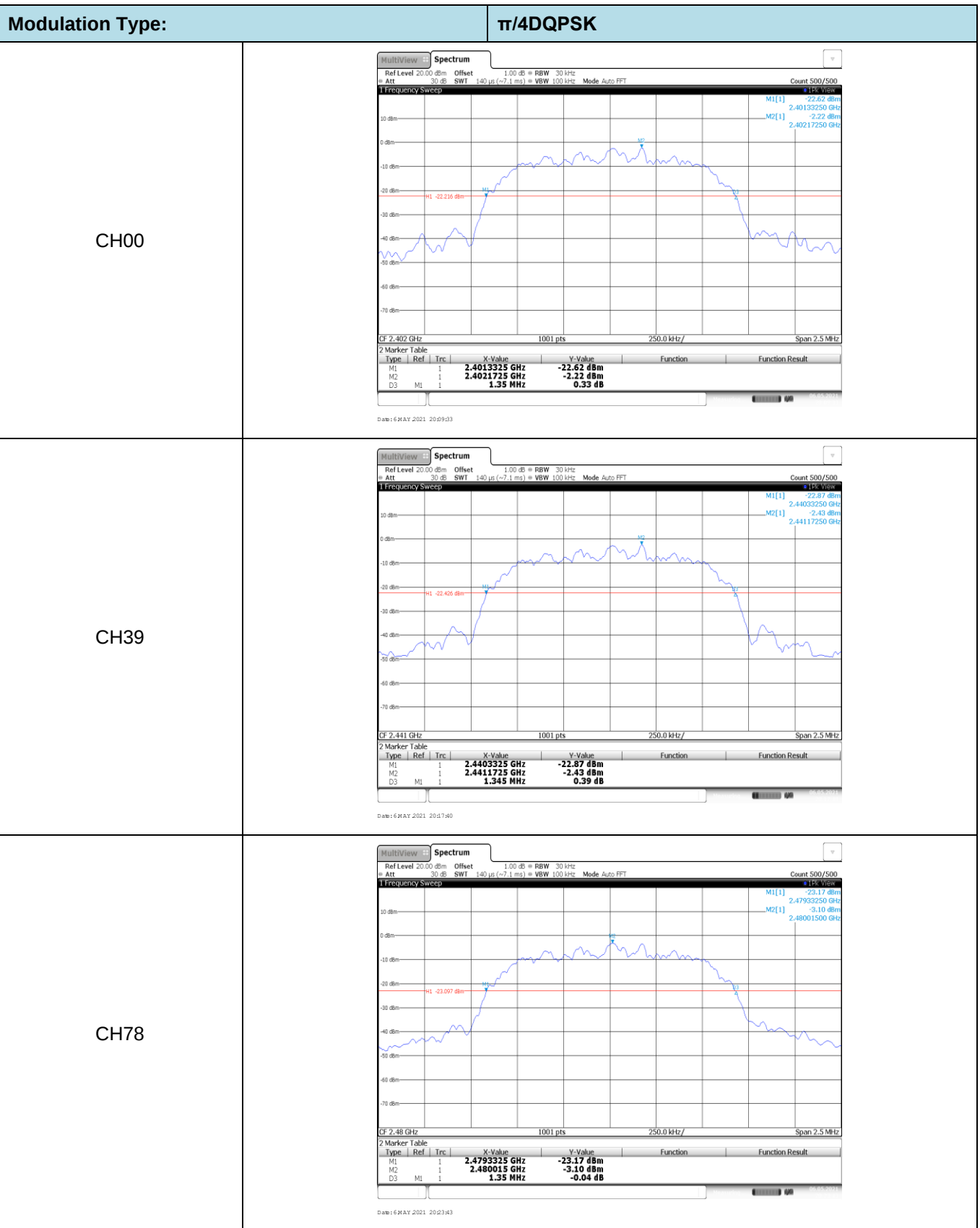


CH39



CH78

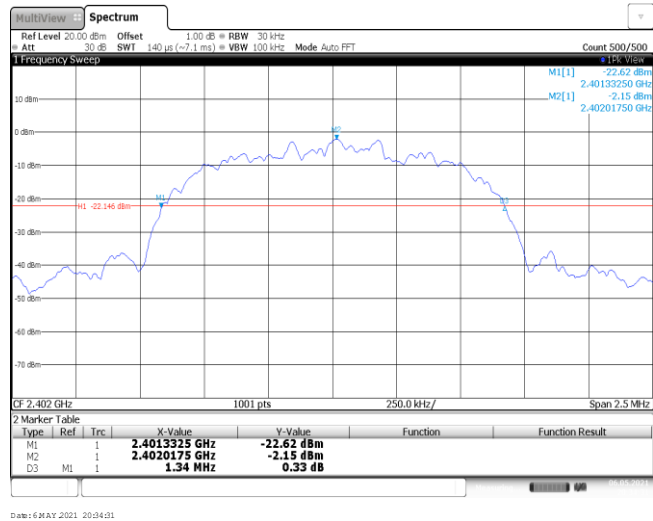




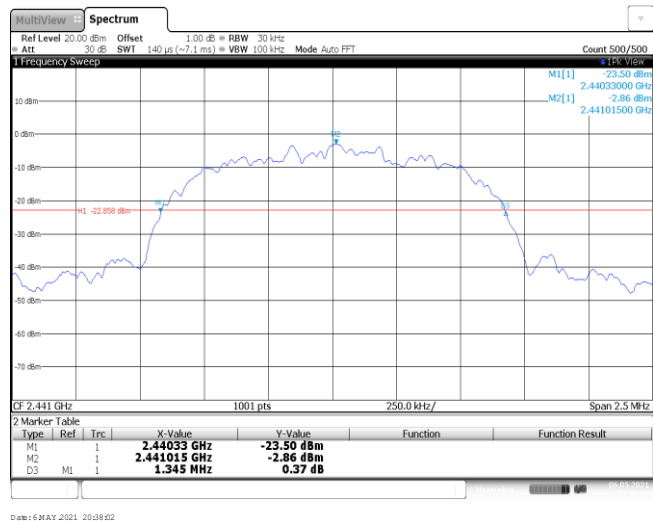
Modulation Type:

8DPSK

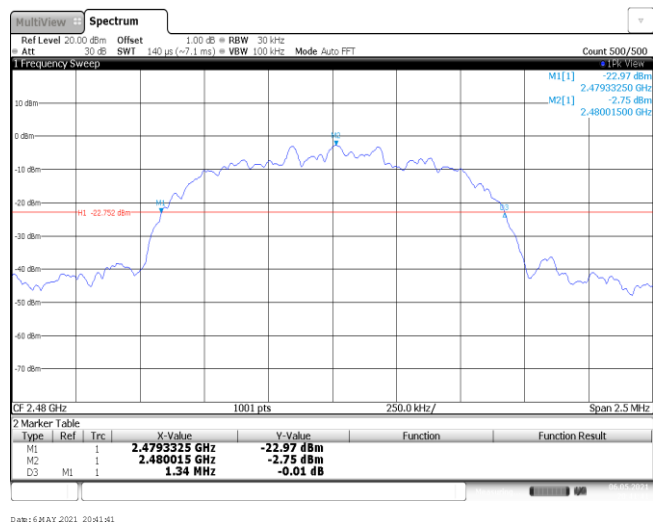
CH00



CH39

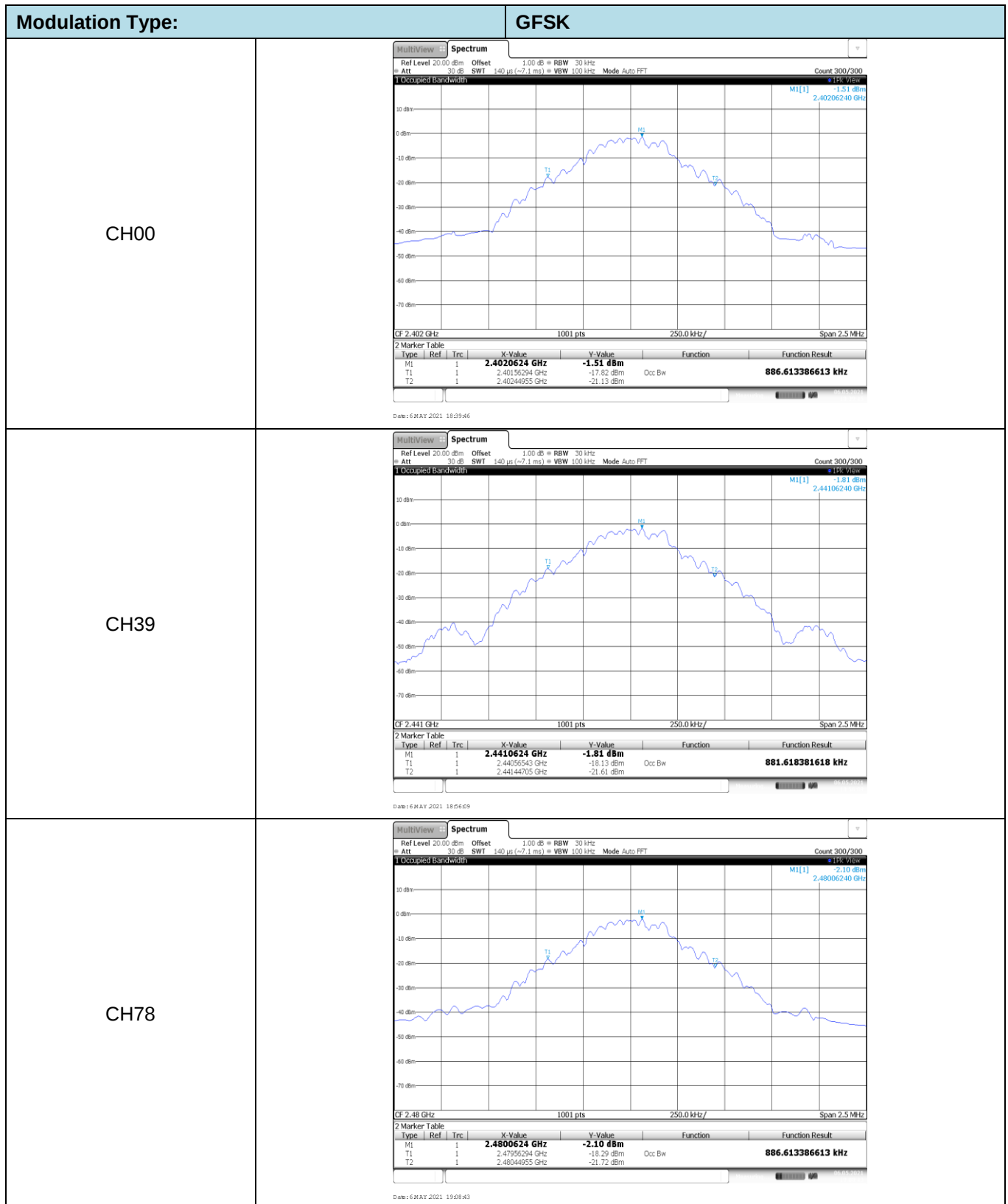


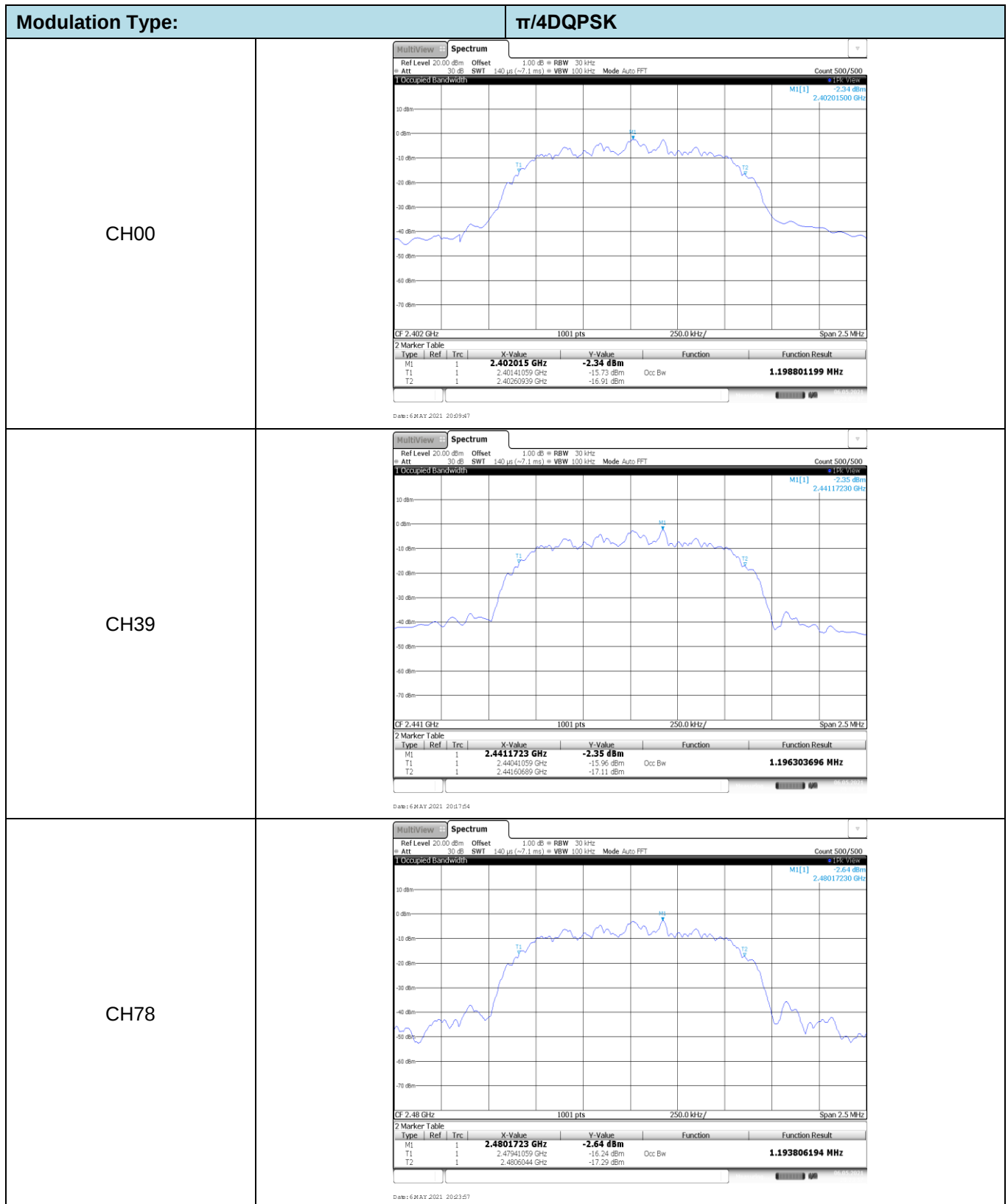
CH78

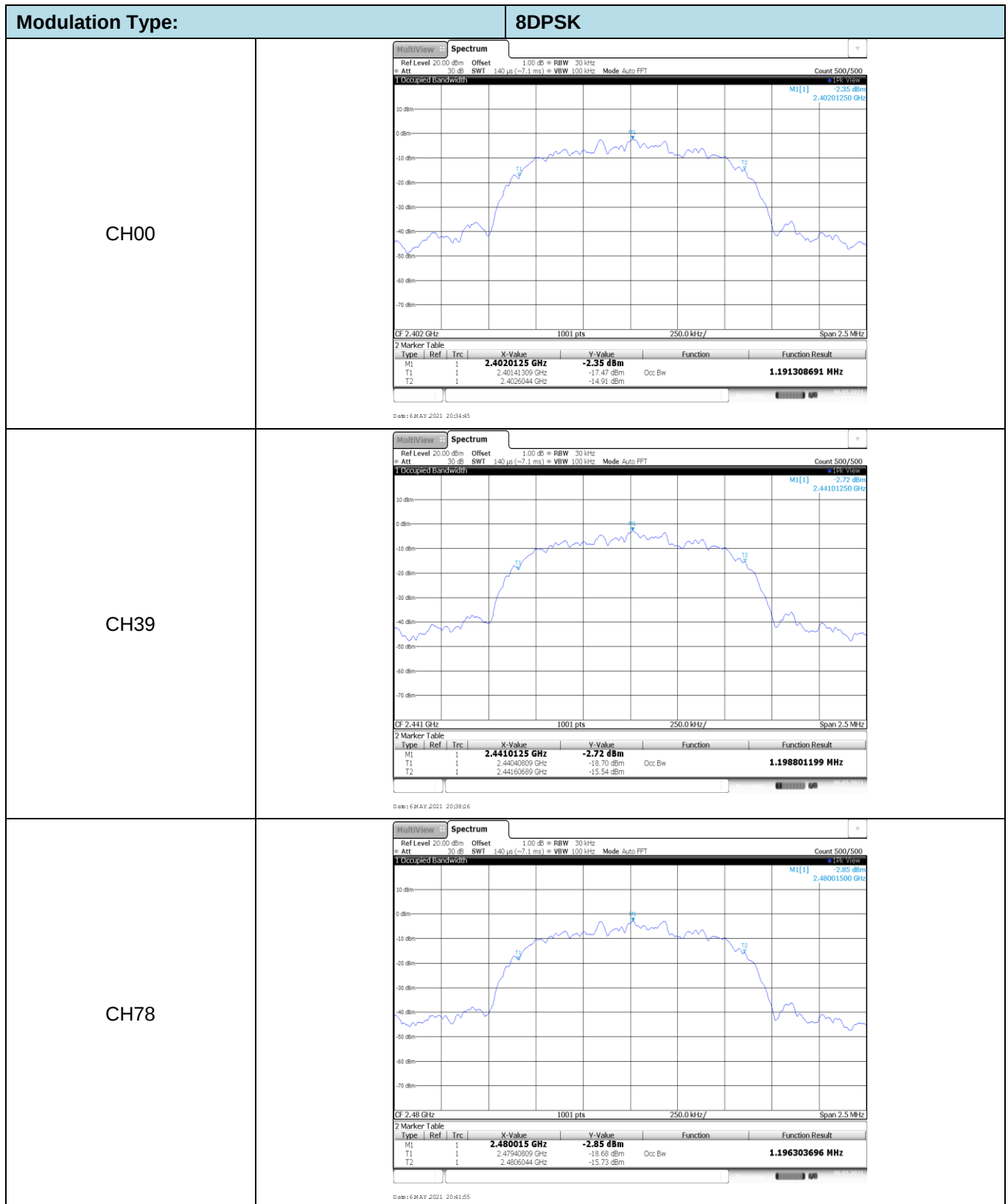


Appendix C: 99% Occupied Bandwidth

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.89	-	Pass
	39	0.88		
	78	0.89		
$\pi/4$ DQPSK	00	1.20	-	Pass
	39	1.20		
	78	1.19		
8DPSK	00	1.19	-	Pass
	39	1.20		
	78	1.20		







Appendix D: Carrier Frequencies Separation

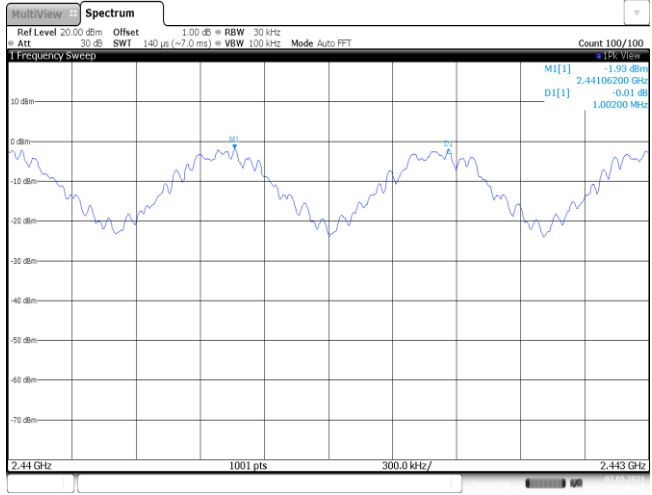
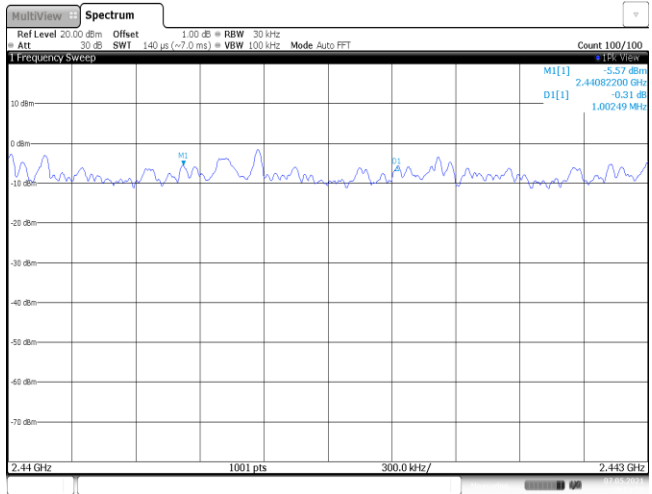
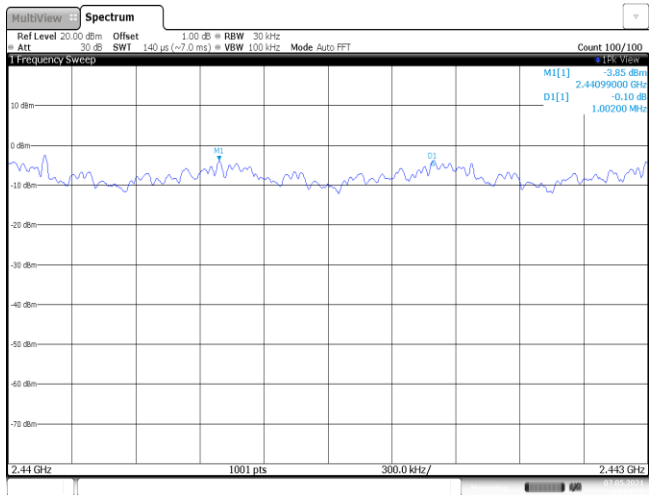
Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥932.50	Pass
π/4DQPSK	39	1.00	≥900.00	Pass
8DPSK	39	1.00	≥896.67	Pass

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.

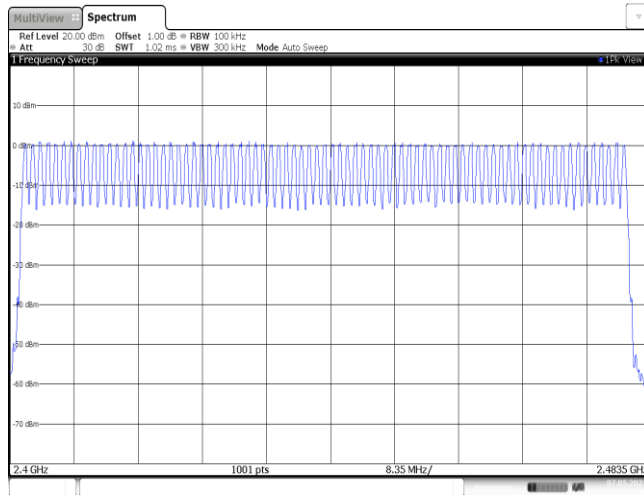
8DPSK limit = 2/3 * The maximum 20 dB Bandwidth for 8DPSK modulation on the appendix B

GFSK	 MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWI 140 μs (~7.0 ms) VBW 100 kHz Mode Auto FFT Count 100/100 Frequency Sweep M1[1] -1.93 dBm D1[1] -0.01 dB 2.44106200 GHz 1.00200 MHz 2.44 GHz 1001 pts 300.0 kHz/ 2.443 GHz Date: 7 MAY 2021 10:49:02
$\pi/4$ DQPSK	 MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWI 140 μs (~7.0 ms) VBW 100 kHz Mode Auto FFT Count 100/100 Frequency Sweep M1[1] -5.57 dBm D1[1] -0.31 dB 2.44082200 GHz 1.00249 MHz 2.44 GHz 1001 pts 300.0 kHz/ 2.443 GHz Date: 7 MAY 2021 10:54:07
8DPSK	 MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWI 140 μs (~7.0 ms) VBW 100 kHz Mode Auto FFT Count 100/100 Frequency Sweep M1[1] -3.85 dBm D1[1] -0.10 dB 2.44099000 GHz 1.00200 MHz 2.44 GHz 1001 pts 300.0 kHz/ 2.443 GHz Date: 7 MAY 2021 11:05:22

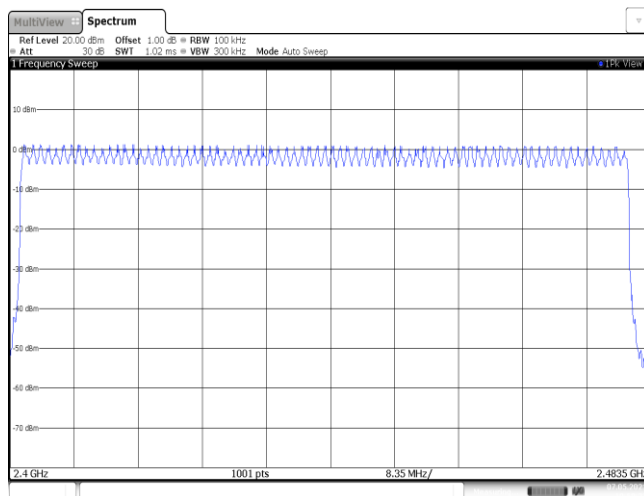
Appendix E: Hopping Channel Number

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

GFSK

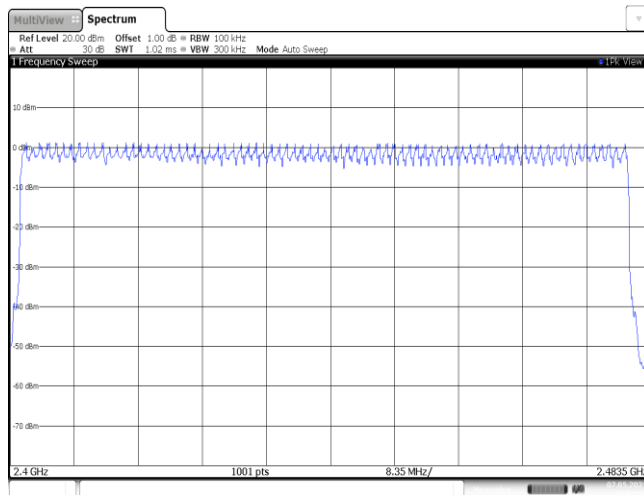


Date: 7 MAY 2021 10:46:28

 $\pi/4$ DQPSK

Date: 7 MAY 2021 10:58:22

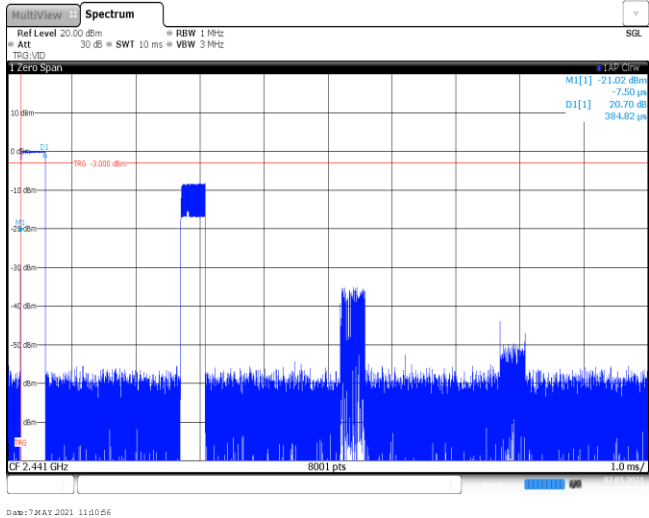
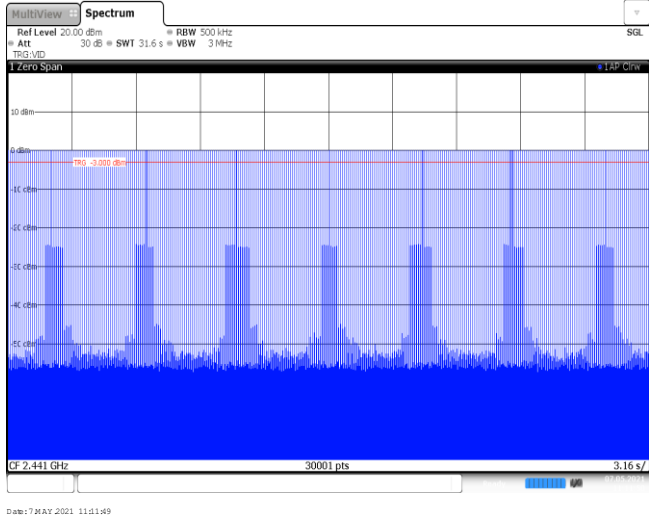
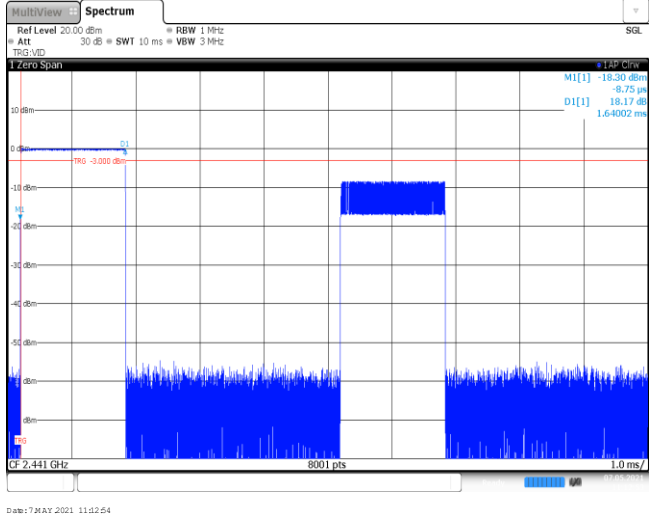
8DPSK

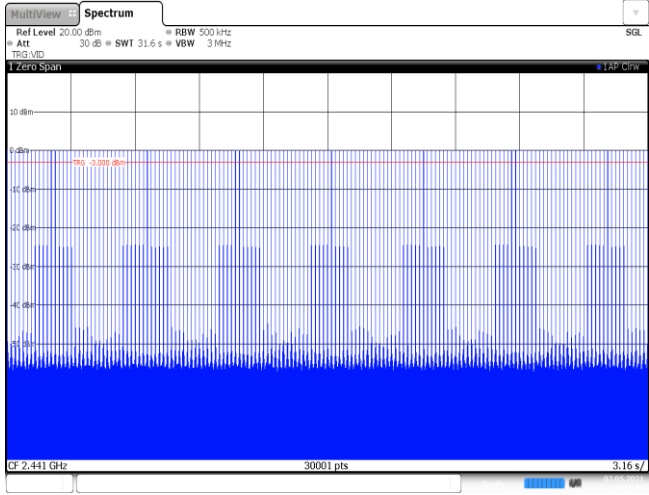
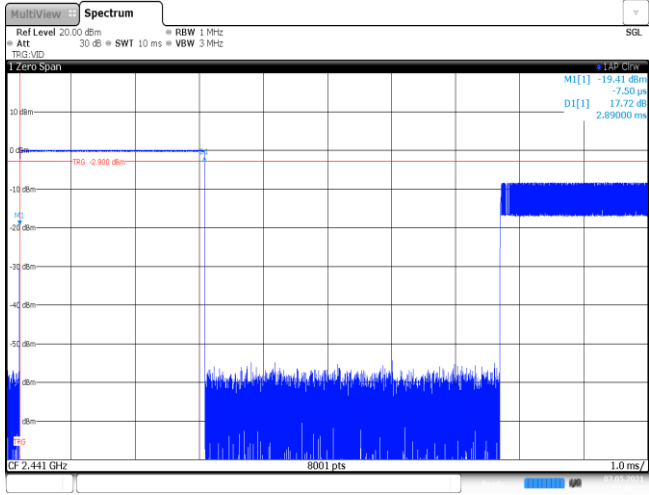
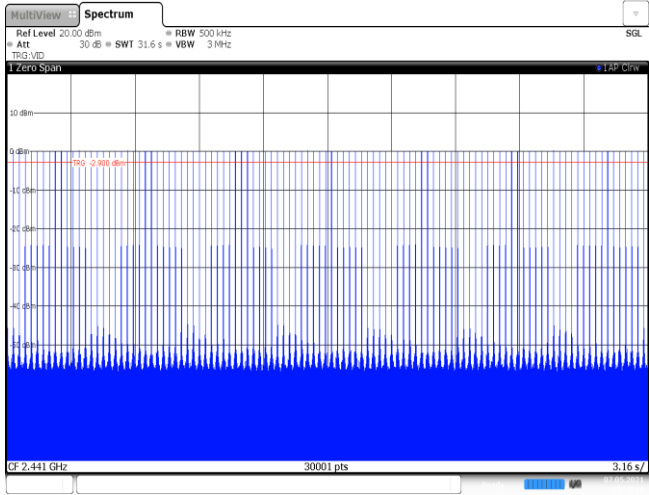


Date: 7 MAY 2021 11:07:59

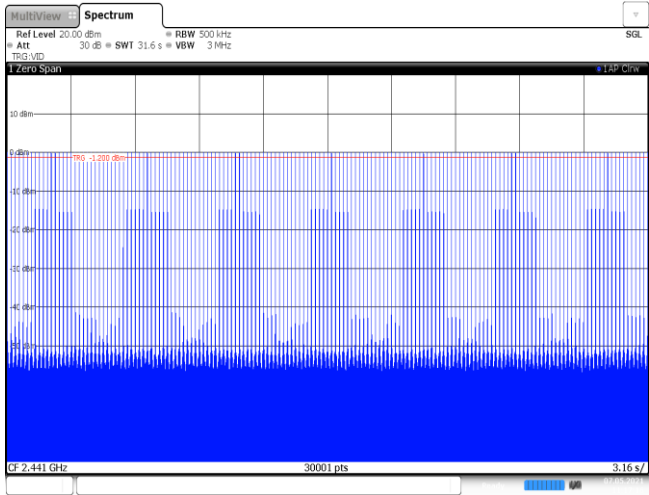
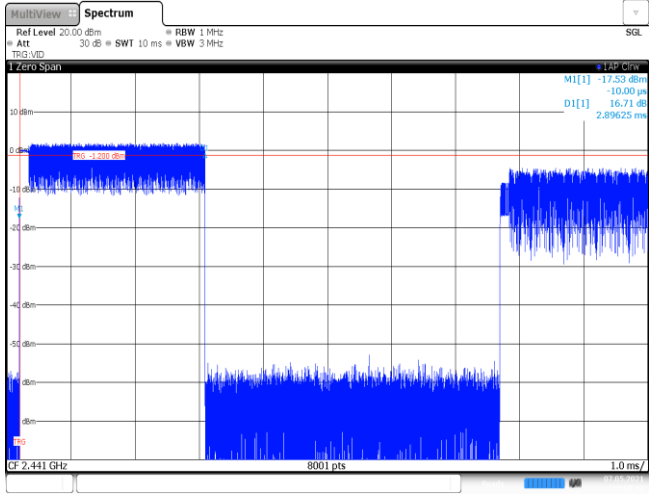
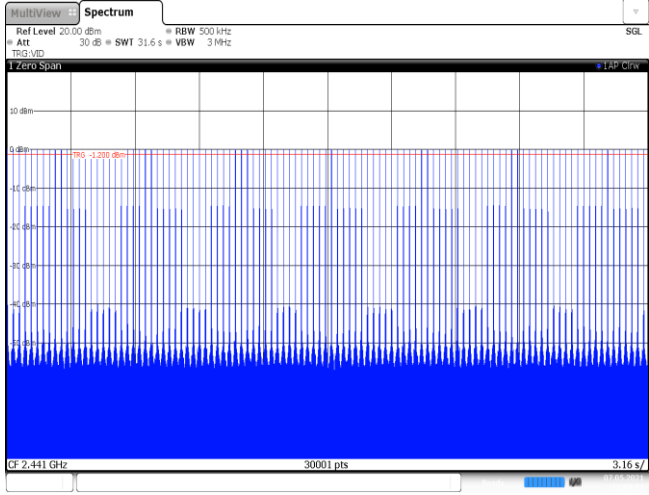
Appendix F: Dwell Time

Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.38	320	0.12	≤ 0.40	Pass
	DH3	1.64	160	0.26		
	DH5	2.89	107	0.31		
$\pi/4$ DQPSK	2DH1	0.40	317	0.13	≤ 0.40	Pass
	2DH3	1.65	160	0.26		
	2DH5	2.90	107	0.31		
8DPSK	3DH1	0.40	320	0.13	≤ 0.40	Pass
	3DH3	1.64	160	0.26		
	3DH5	2.90	107	0.31		

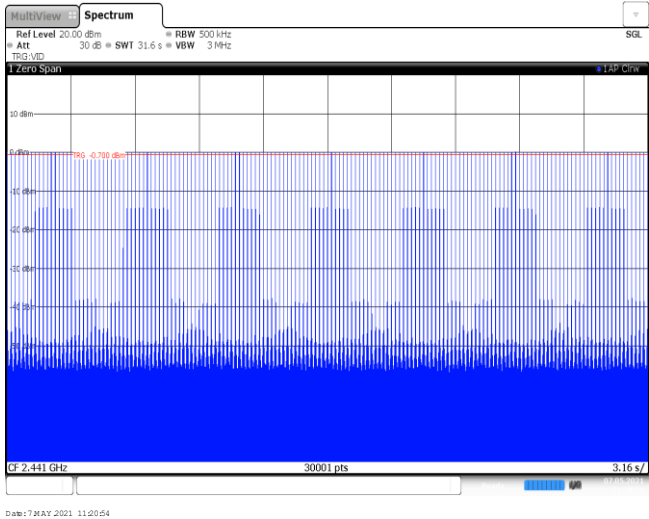
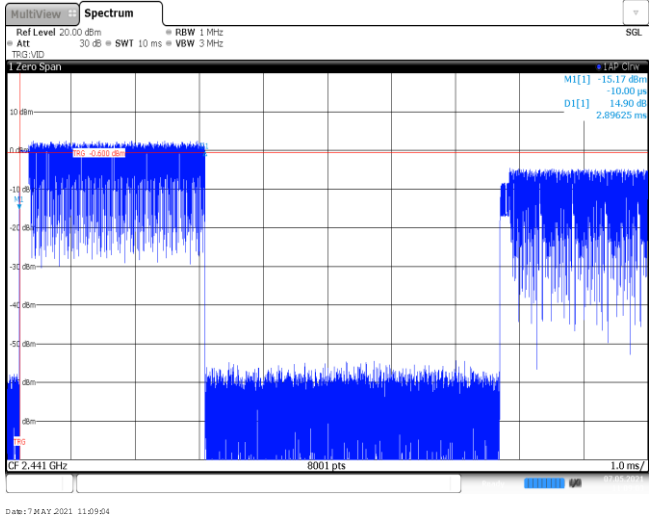
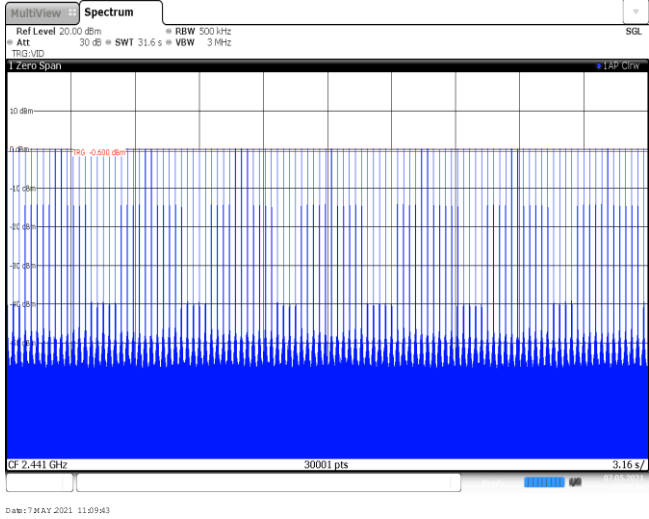
Modulation Type:	GFSK
DH1 Burst width	 The spectrum plot shows a single burst of signal at 2.441 GHz. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents time in ms, ranging from 0 to 1.0. The burst is centered around -20 dBm. The plot includes a reference level of 20.00 dBm, an attenuation of 30 dB, a resolution bandwidth of 1 MHz, a sweep time of 10 ms, and a video bandwidth of 3 MHz. The date is 7 MAY 2021 11:10:56.
DH1 Burst number	 The spectrum plot shows multiple bursts of signal at 2.441 GHz. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents time in s, ranging from 0 to 3.16. The bursts are centered around -20 dBm. The plot includes a reference level of 20.00 dBm, an attenuation of 30 dB, a resolution bandwidth of 500 kHz, a sweep time of 31.6 s, and a video bandwidth of 3 MHz. The date is 7 MAY 2021 11:11:49.
DH3 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 time in ms, ranging from 0 to 1.0. The burst is centered around -18.30 dBm. The plot includes a reference level of 20.00 dBm, an attenuation of 30 dB, a resolution bandwidth of 1 MHz, a sweep time of 10 ms, and a video bandwidth of 3 MHz. The date is 7 MAY 2021 11:12:54.

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. 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 '7 MAY 2021 11:13:40' 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 -50 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. The plot shows a signal that is mostly flat at -50 dBm, with a distinct burst of activity around 2.441 GHz. The status bar at the bottom indicates 'CF 2.441 GHz', '8001 pts', and '1.0 ms'. The date '7 MAY 2021 10:49:04' 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 -50 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. 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 '7 MAY 2021 10:50:14' is displayed at the bottom left.

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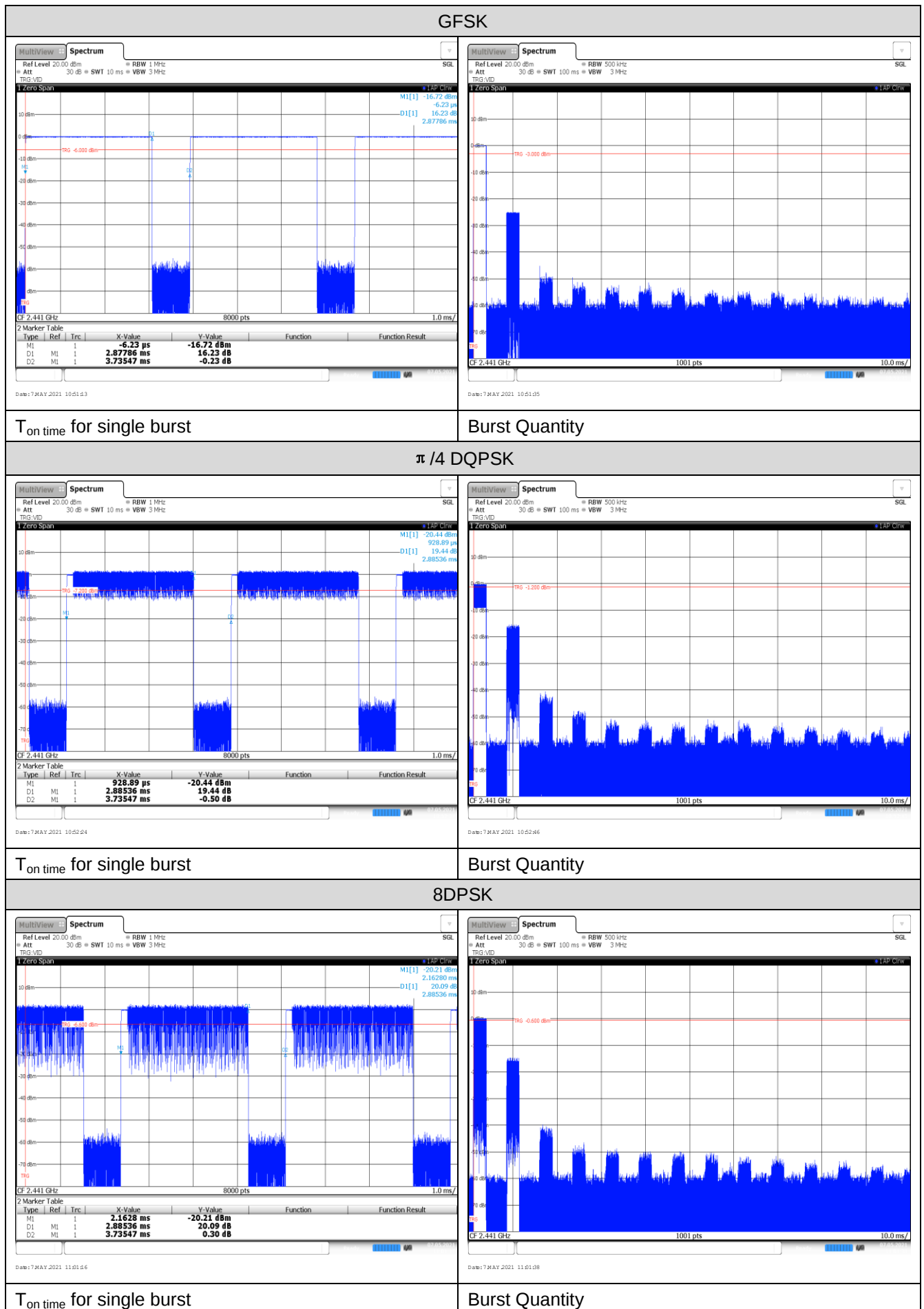
2DH3 Burst number	
2DH5 Burst width	
2DH5 Burst number	

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

Appendix G: Duty Cycle Correction Factor (DCCF)

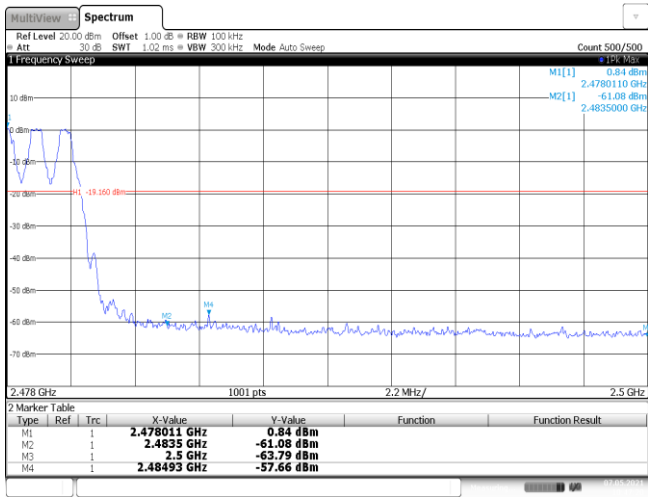
DCCF Calculate Formula					
DCCF=20 * Log(duty cycle) = 20 * Log($T_{\text{on time}} / T_{\text{period}}$)					
Modulation type	Test Frequency (MHz)	$T_{\text{on time}}$ for single burst [ms]	T_{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.88	100	2	-24.79
$\pi/4$ DQPSK	2441	2.89	100	2	-24.76
8DPSK	2441	2.89	100	2	-24.76



Appendix H: Band edge and Spurious Emissions (conducted)

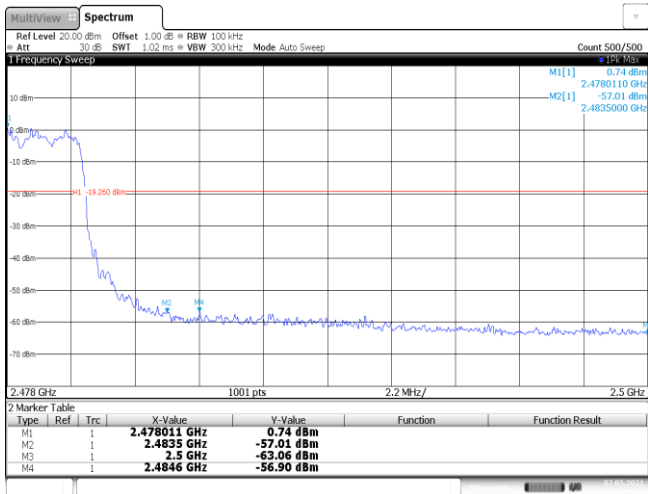
Test Item:	Band edge	Modulation type:	GFSK
CH00 No hopping mode	<		

CH78
Hopping mode



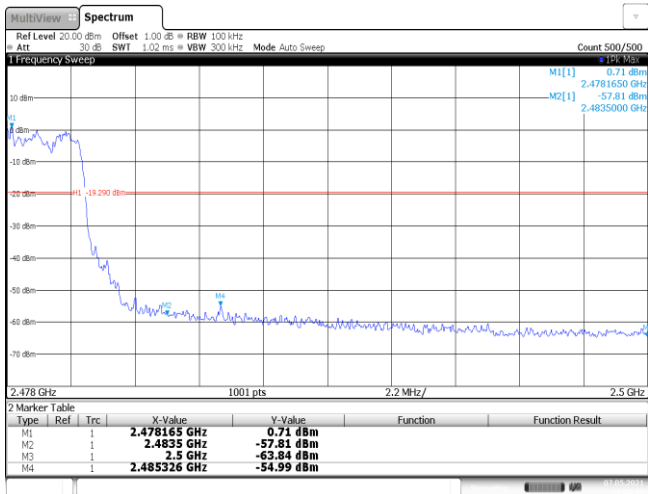
Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
CH00 No hopping mode	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep M1[1] 1.25 dBm 2.4020100 GHz M2[1] -40.18 dBm 2.4000000 GHz M1 -18.750 dBm 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>2.40201 GHz</td><td>1.25 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-40.18 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-51.21 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.19 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.39968 GHz</td><td>-35.55 dBm</td><td></td><td></td></tr></table> Date: 6 MAY 2021 20:32:02			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40201 GHz	1.25 dBm			M2	1		2.4 GHz	-40.18 dBm			M3	1		2.39 GHz	-51.21 dBm			M4	1		2.31 GHz	-63.19 dBm			M5	1		2.39968 GHz	-35.55 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.40201 GHz	1.25 dBm																																									
M2	1		2.4 GHz	-40.18 dBm																																									
M3	1		2.39 GHz	-51.21 dBm																																									
M4	1		2.31 GHz	-63.19 dBm																																									
M5	1		2.39968 GHz	-35.55 dBm																																									
CH00 Hopping mode	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep M1[1] 0.69 dBm 2.4040030 GHz M2[1] -52.68 dBm 2.4000000 GHz M1 -19.310 dBm 2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz 2 Marker Table <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.404003 GHz</td><td>0.69 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-52.68 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-62.55 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.44 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.39987 GHz</td><td>-53.44 dBm</td><td></td><td></td></tr></table> Date: 7 MAY 2021 10:58:51			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404003 GHz	0.69 dBm			M2	1		2.4 GHz	-52.68 dBm			M3	1		2.39 GHz	-62.55 dBm			M4	1		2.31 GHz	-63.44 dBm			M5	1		2.39987 GHz	-53.44 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.404003 GHz	0.69 dBm																																									
M2	1		2.4 GHz	-52.68 dBm																																									
M3	1		2.39 GHz	-62.55 dBm																																									
M4	1		2.31 GHz	-63.44 dBm																																									
M5	1		2.39987 GHz	-53.44 dBm																																									
CH78 No hopping mode	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.02 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep M1[1] 0.60 dBm 2.4800110 GHz M2[1] -56.14 dBm 2.4835000 GHz M1 -19.400 dBm 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>2.480011 GHz</td><td>0.60 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-56.14 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-62.06 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.488032 GHz</td><td>-54.19 dBm</td><td></td><td></td></tr></table> Date: 6 MAY 2021 20:24:48			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.480011 GHz	0.60 dBm			M2	1		2.4835 GHz	-56.14 dBm			M3	1		2.5 GHz	-62.06 dBm			M4	1		2.488032 GHz	-54.19 dBm									
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M3	1		2.5 GHz	-62.06 dBm																																									
M4	1		2.488032 GHz	-54.19 dBm																																									

CH78
Hopping mode

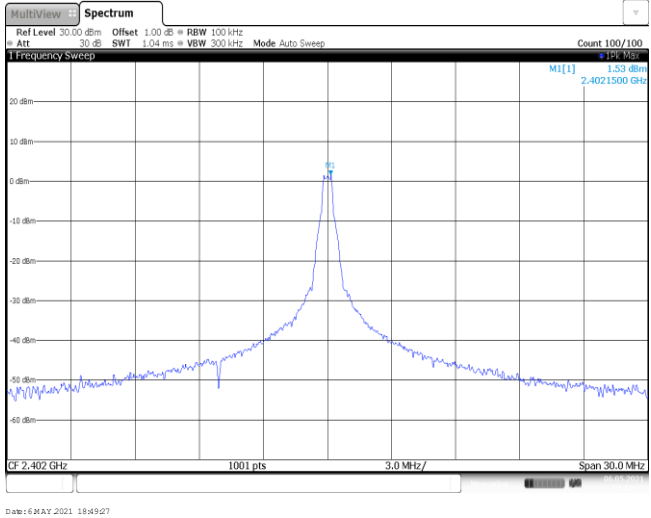
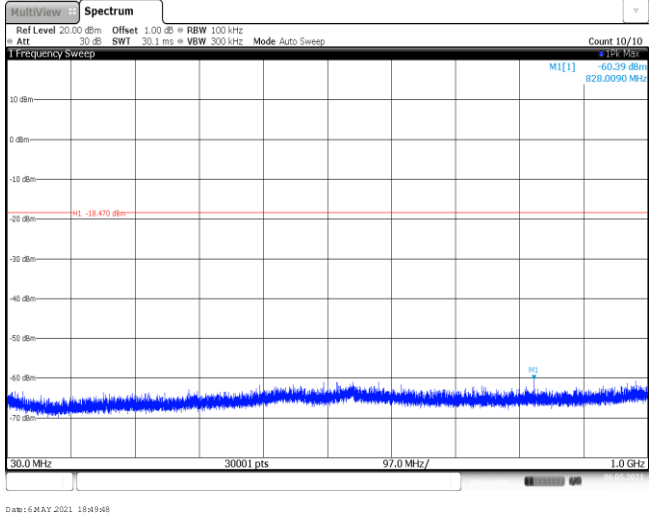
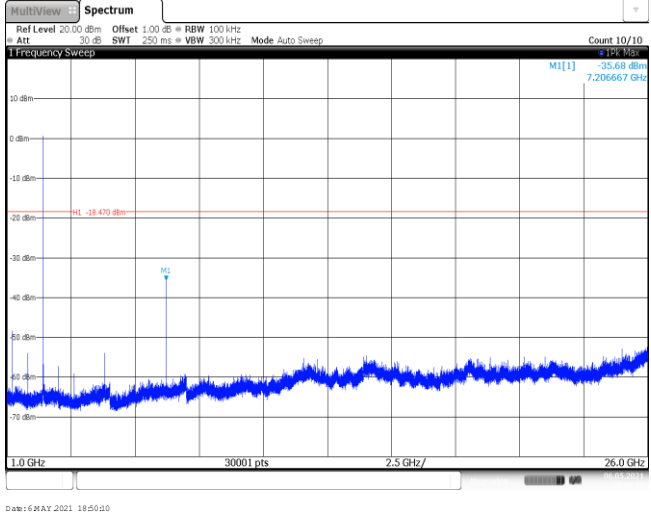


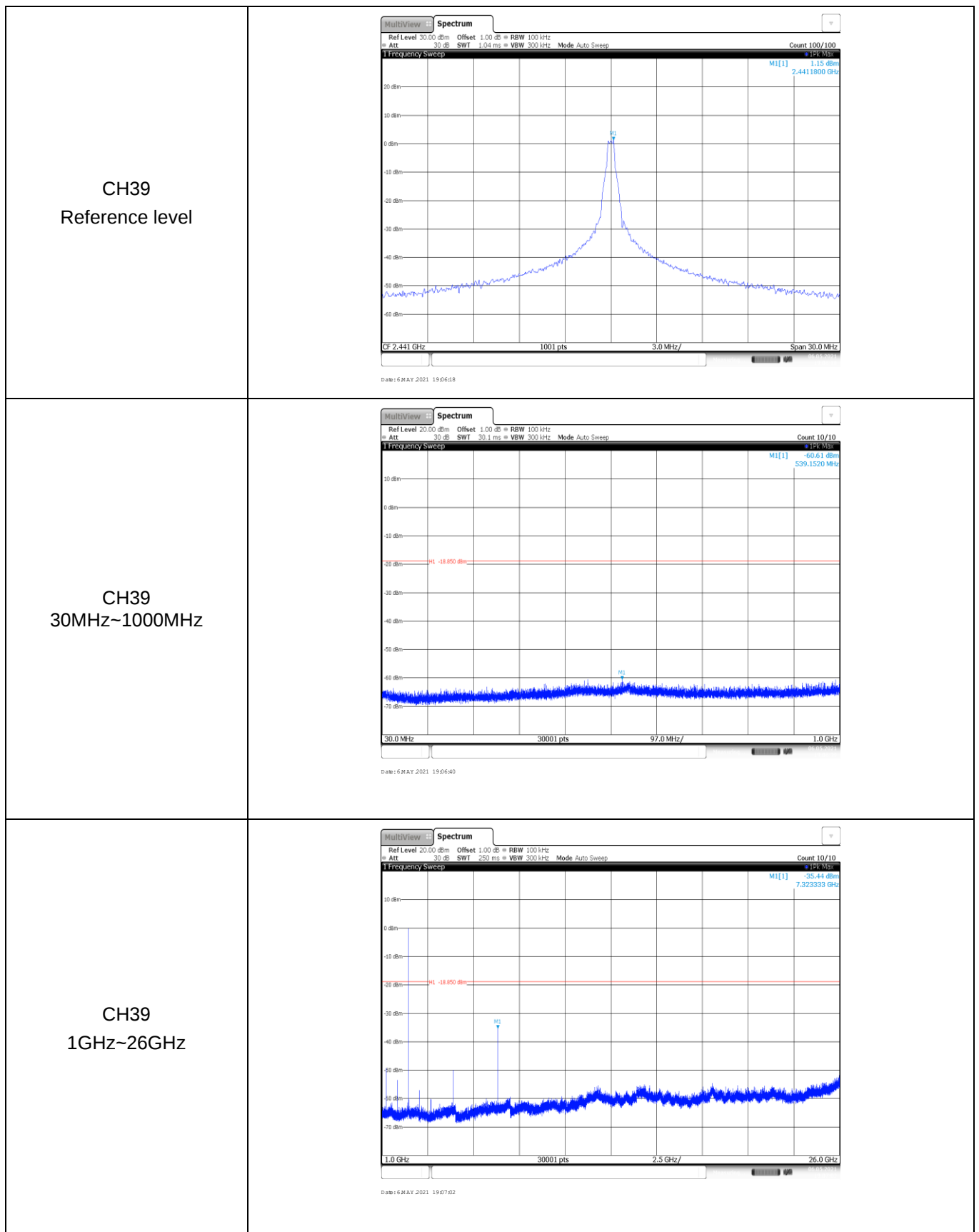
Test Item:	Band edge	Modulation type:	8DPSK
CH00 No hopping mode			

CH78
Hoppig mode

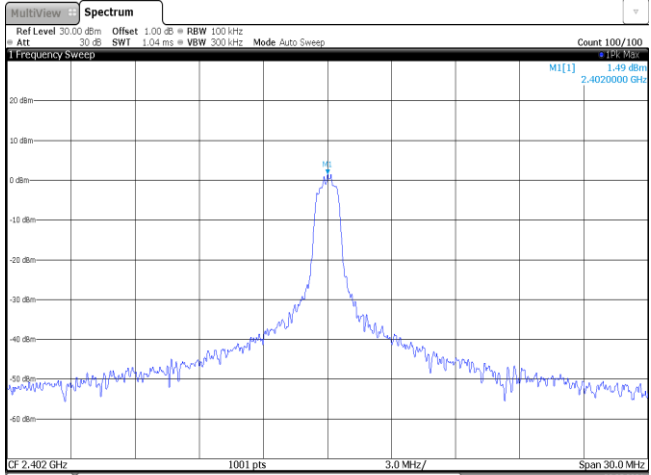
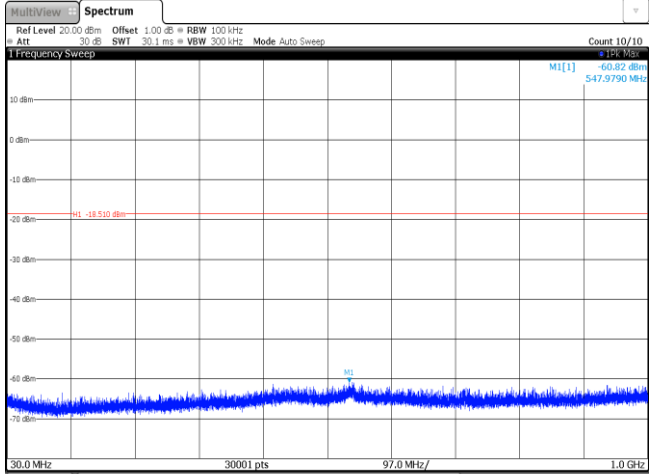
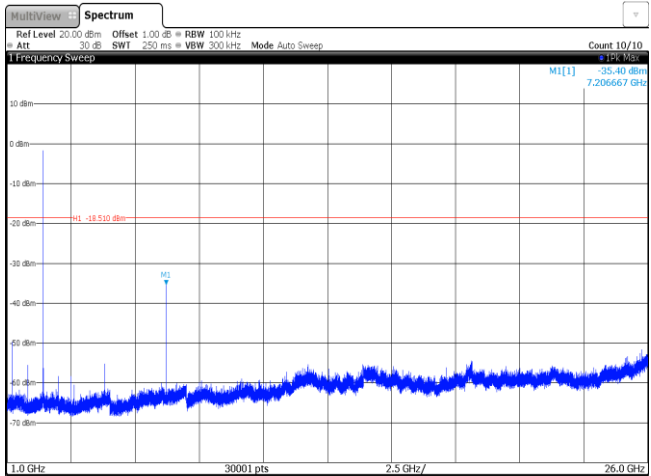


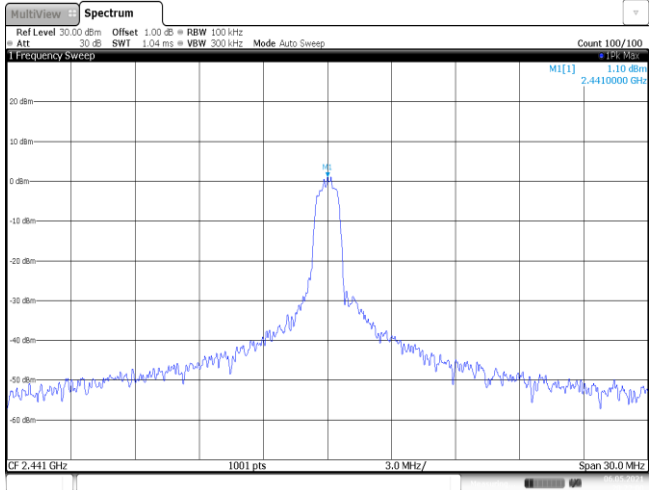
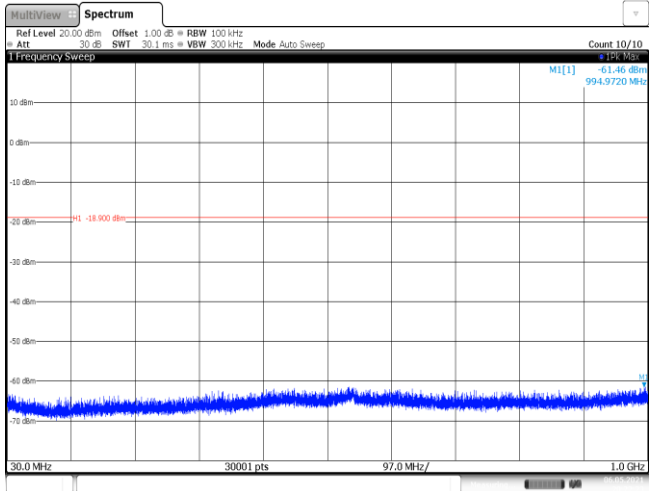
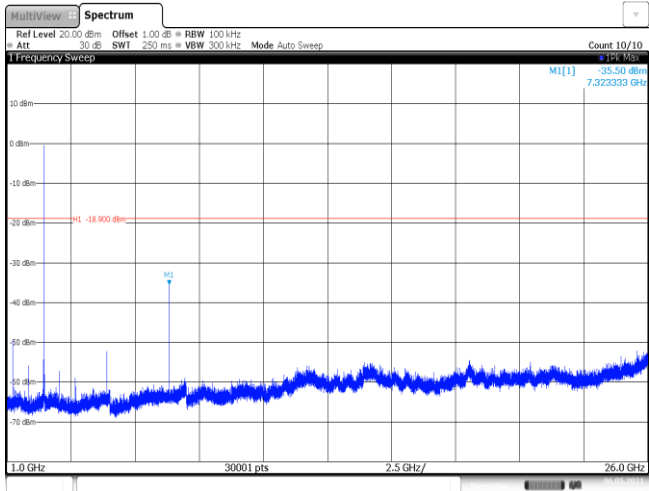
Date: 7 MAY 2021 11:28:47

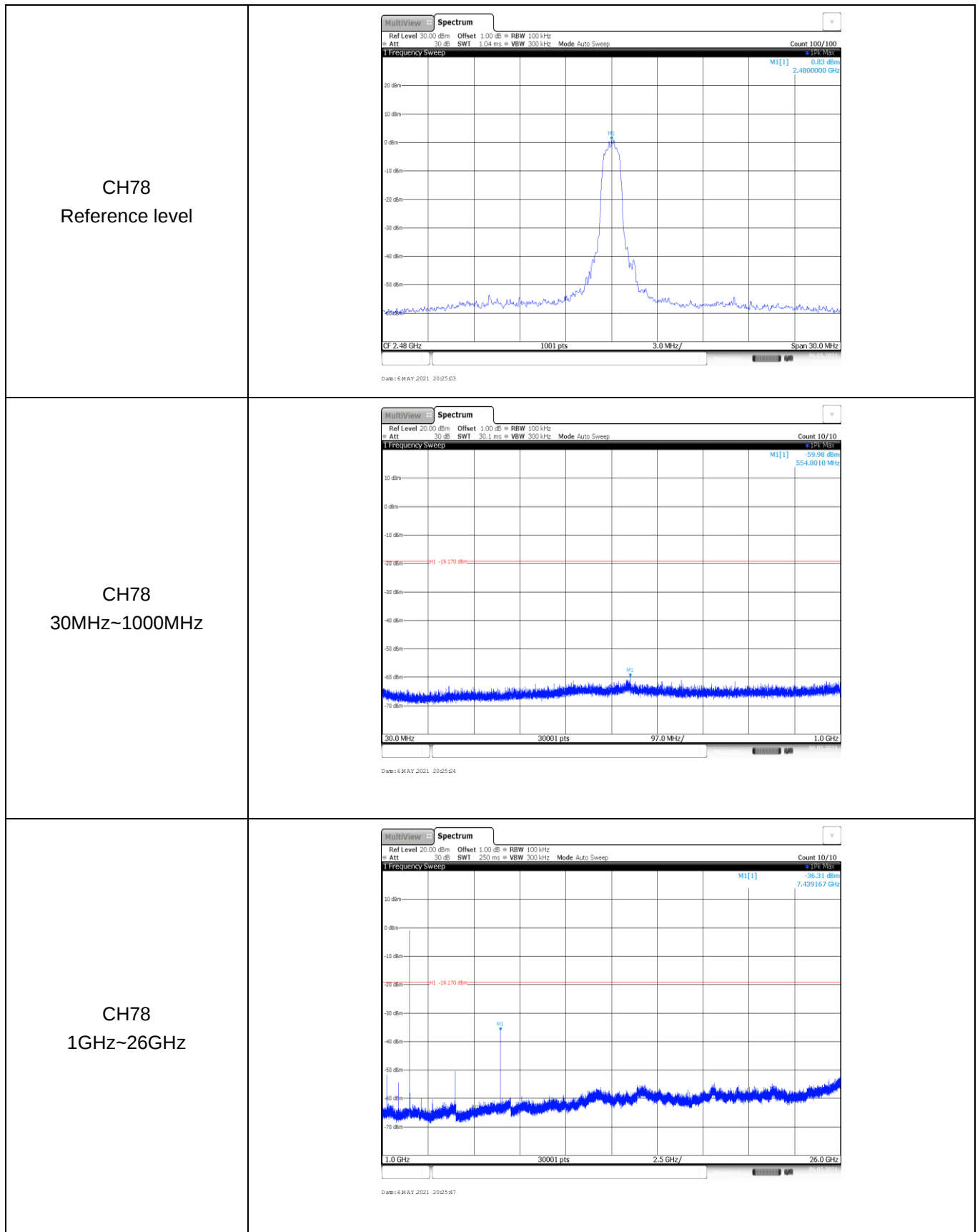
Test Item:	Spurious Emission	Modulation type:	GFSK
CH00 Reference level			
CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

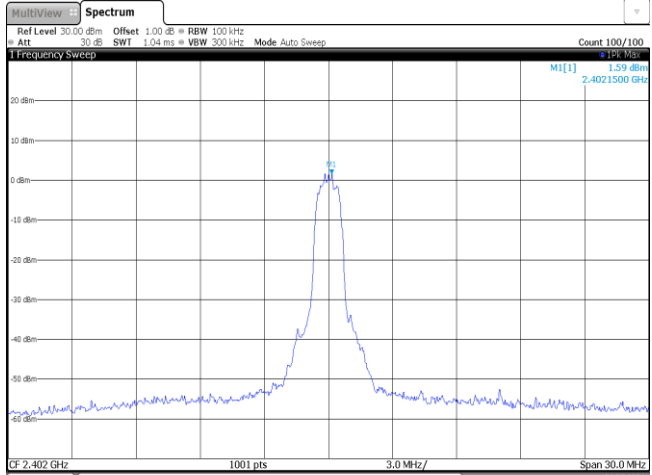
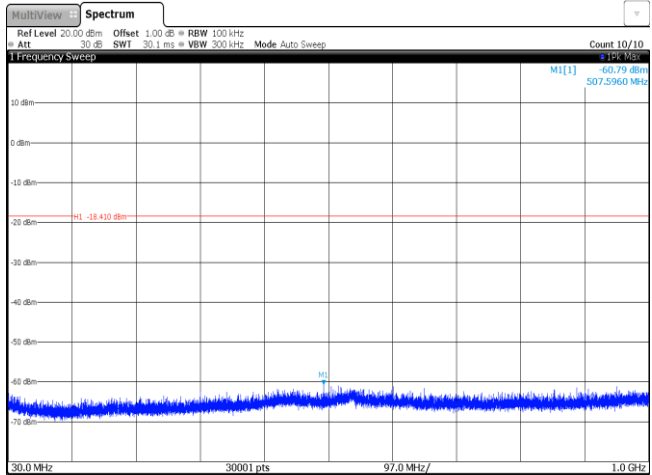
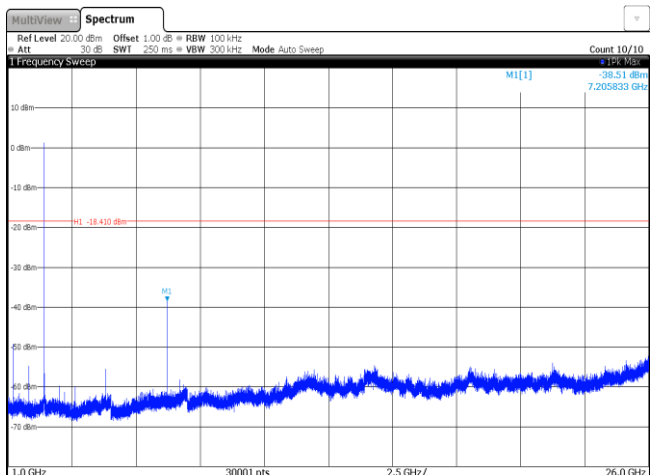


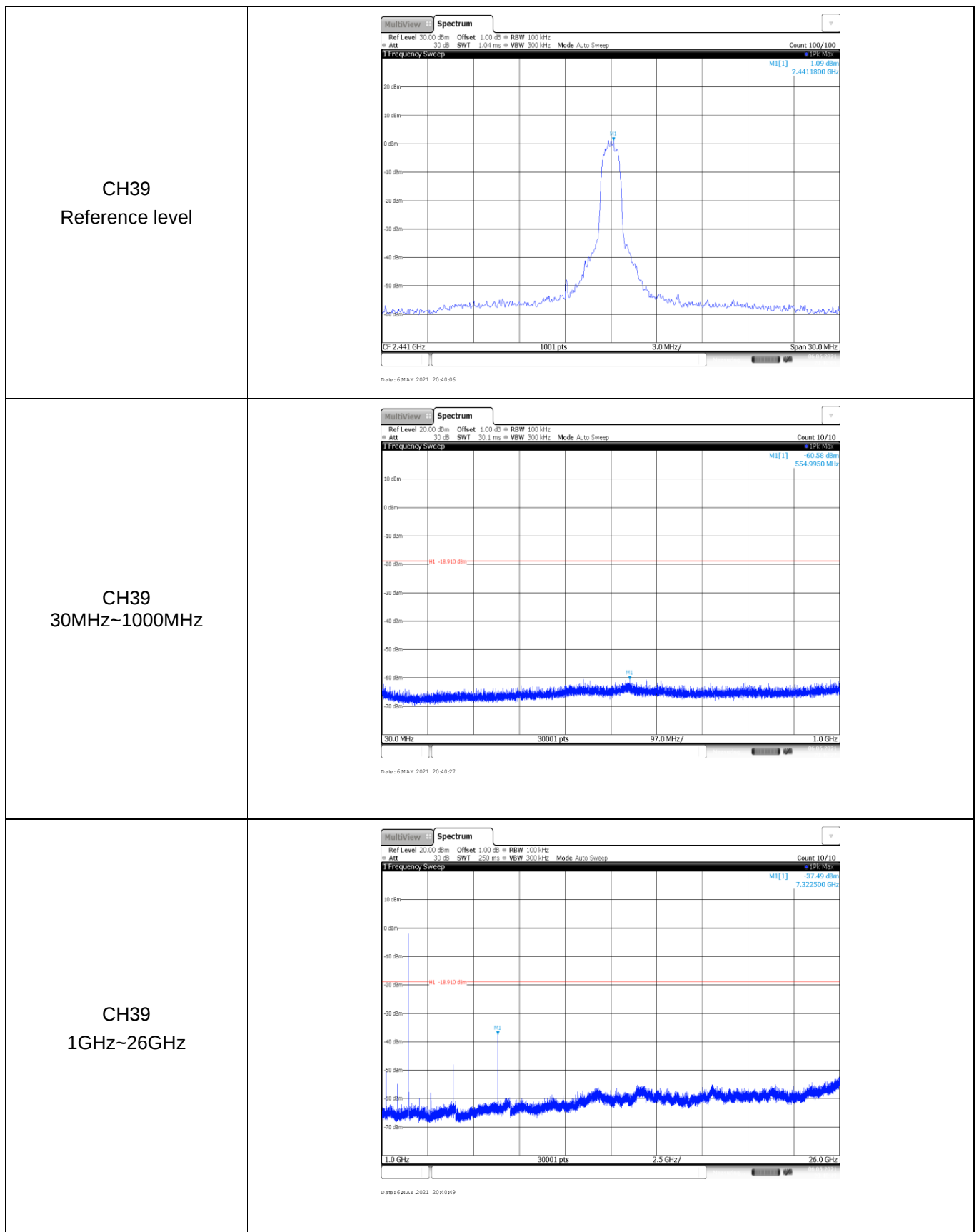
CH78 Reference level	This spectrum plot shows a single sharp peak at 2.48 GHz. The y-axis represents power in dBm, ranging from -80 to 20. The x-axis represents frequency in GHz, with a span of 30.0 MHz. The peak is labeled 'M1[1]' with a value of 0.93 dBm. The plot includes technical details: Ref Level 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, and Date: 6 MAY 2021 19:15:54.
CH78 30MHz~1000MHz	This spectrum plot shows a noise floor 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 horizontal red line is drawn at -19.070 dBm. The plot includes technical details: 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, and Date: 6 MAY 2021 19:16:16.
CH78 1GHz~26GHz	This spectrum plot shows a noise floor 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 horizontal red line is drawn at -19.070 dBm. The plot includes technical details: 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, and Date: 6 MAY 2021 19:16:28.

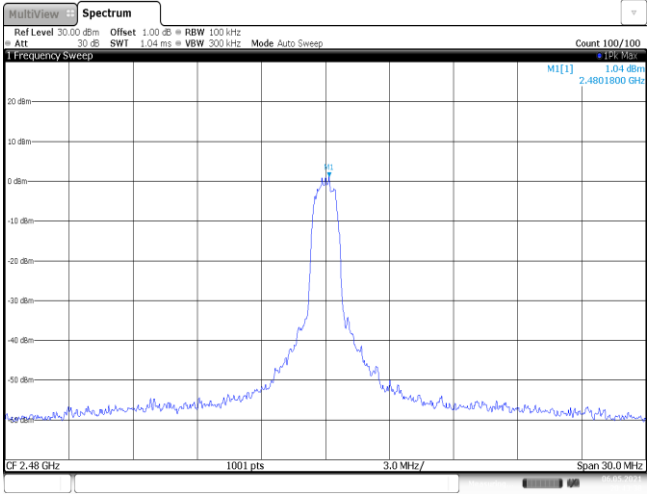
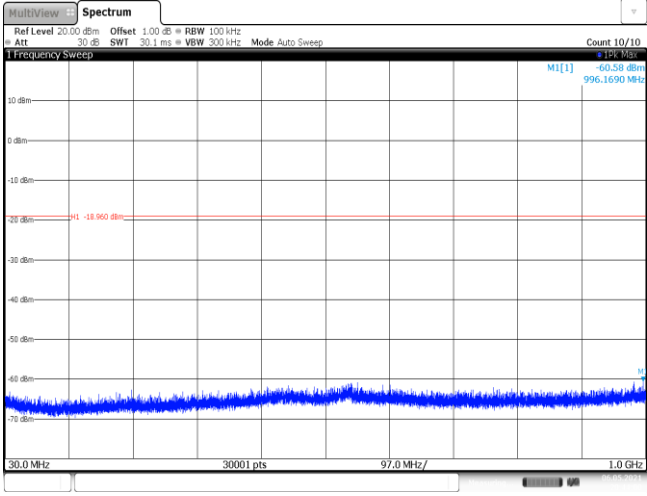
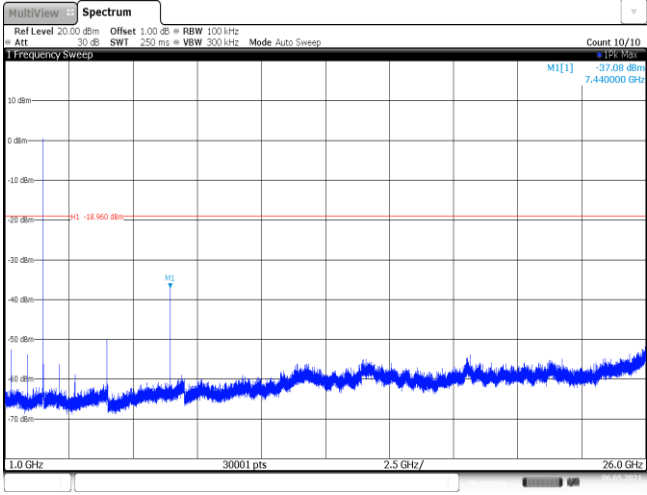
Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
CH00 Reference level	 CH00 Reference level		
CH00 30MHz~1000MHz	 CH00 30MHz~1000MHz		
CH00 1GHz~26GHz	 CH00 1GHz~26GHz		

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 'M1[1]' with a value of 1.10 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 date is 6 MAY 2021 20:22:01.
CH39 30MHz~1000MHz	 The spectrum plot shows a wide range of frequencies from 30.0 MHz to 1.0 GHz. 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. 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 date is 6 MAY 2021 20:22:23.
CH39 1GHz~26GHz	 The spectrum plot shows a wide range of frequencies from 1.0 GHz to 26.0 GHz. 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. 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 date is 6 MAY 2021 20:22:45.



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] 1.59 dBm 2.4021500 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 MAY 2021 20:26:30		
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] -60.79 dBm 507.5960 MHz H1 -18.410 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 6 MAY 2021 20:26:51		
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] -38.51 dBm 7.205833 GHz H1 -18.410 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 6 MAY 2021 20:27:13		



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 GHz, ranging from 2.4 to 2.5. The peak is labeled 'M1[1]' with a value of 1.04 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, Count 100/100. The date is 6 MAY 2021 20:43:08.
CH78 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 GHz, ranging from 0.03 to 1.0. A horizontal red line is drawn at -18.960 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 date is 6 MAY 2021 20:43:59.
CH78 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, ranging from 1.0 to 26.0. A horizontal red line is drawn at -18.960 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 date is 6 MAY 2021 20:44:22.

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