

APPENDIX REPORT

Project No.	SHT2208180705EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT22060506003	Model No.	B8U
Start test date	2022-7-27	Finish date	2022-2-29
Temperature	27.2℃	Humidity	42%
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

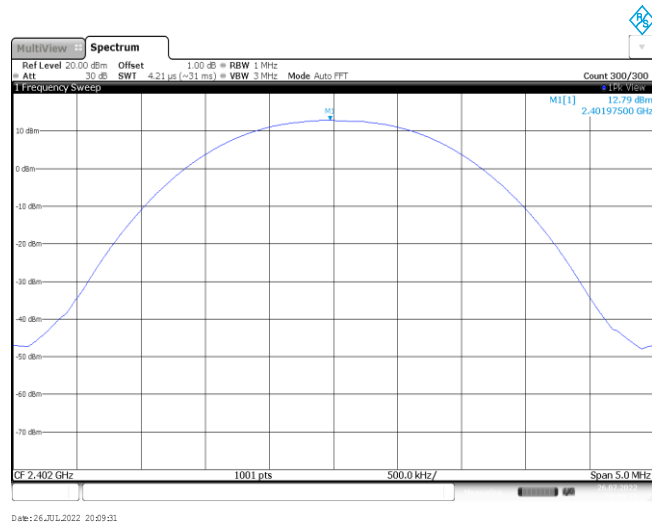
Appendix A: Peak Output Power

Modulation type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
GFSK	00	12.79	12.78	≤ 30.00	Pass
	39	12.83	12.82		
	78	12.65	12.64		
$\pi/4$ DQPSK	00	12.88	12.85	≤ 21.00	Pass
	39	12.75	12.70		
	78	12.65	12.61		
8DPSK	00	13.01	12.93	≤ 21.00	Pass
	39	12.86	12.80		
	78	12.75	12.62		

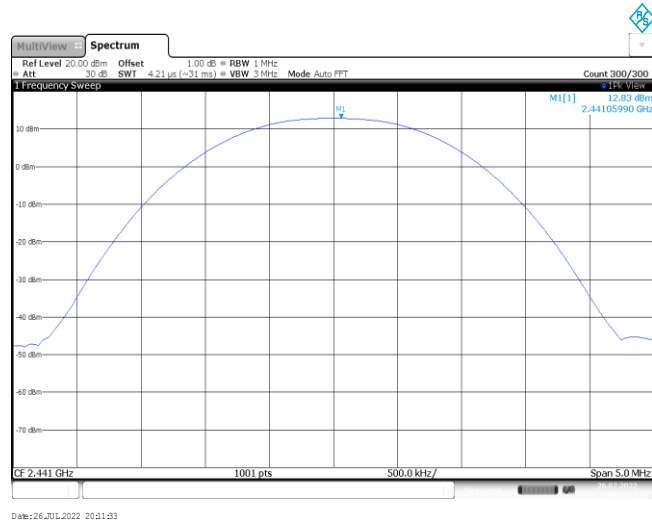
Modulation Type:

GFSK

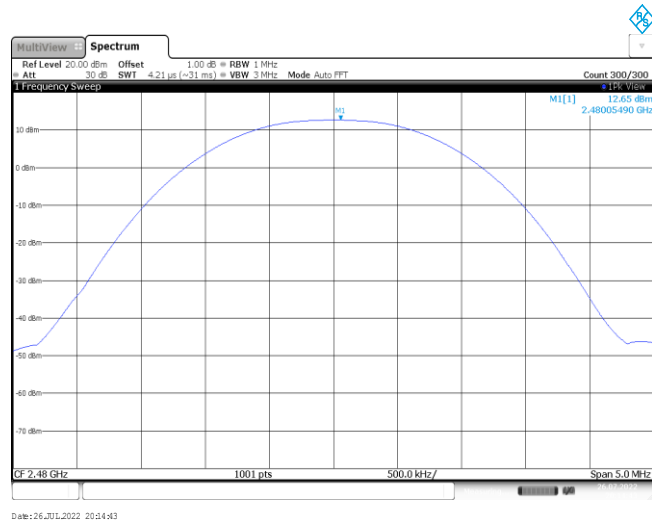
CH00



CH39

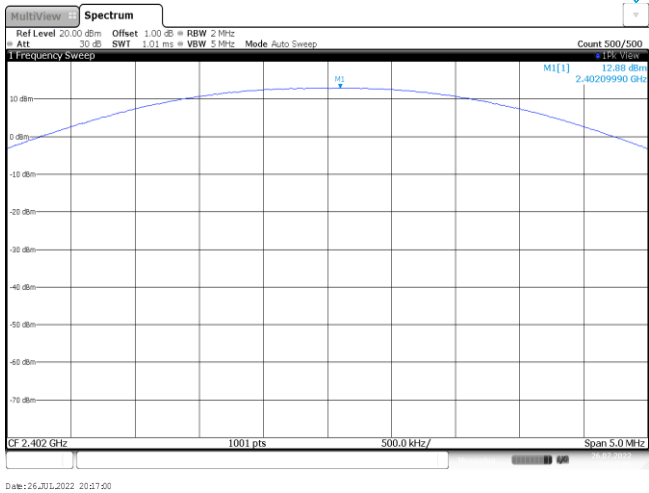
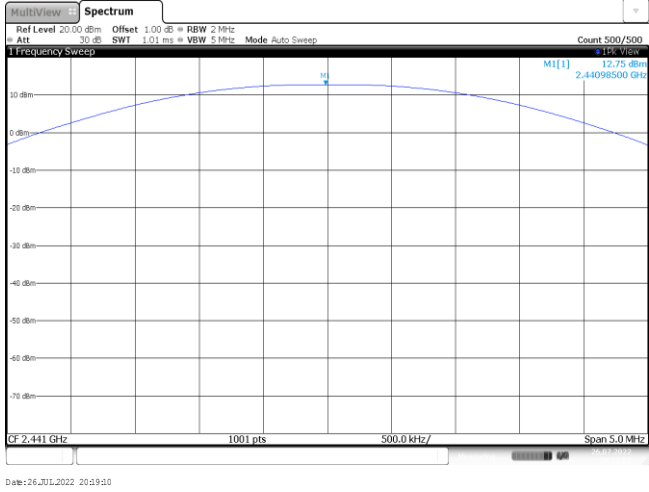
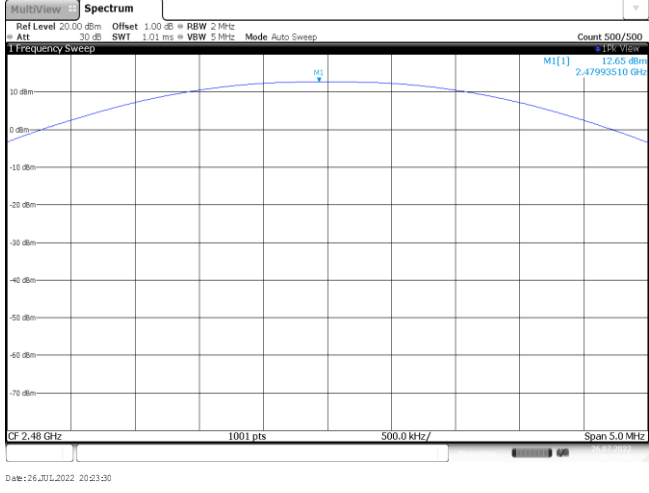


CH78



Modulation Type:

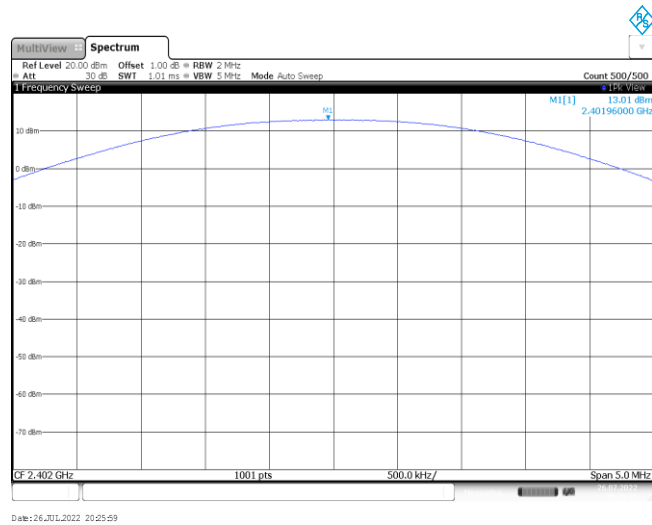
$\pi/4$ DQPSK

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 M1[1] 12.88 dBm 2.40209990 GHz CF 2.402 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 26 JUL 2022 20:17:50
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 M1[1] 12.75 dBm 2.44098500 GHz CF 2.441 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 26 JUL 2022 20:19:10
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 M1[1] 12.65 dBm 2.47995510 GHz CF 2.48 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 26 JUL 2022 20:23:30

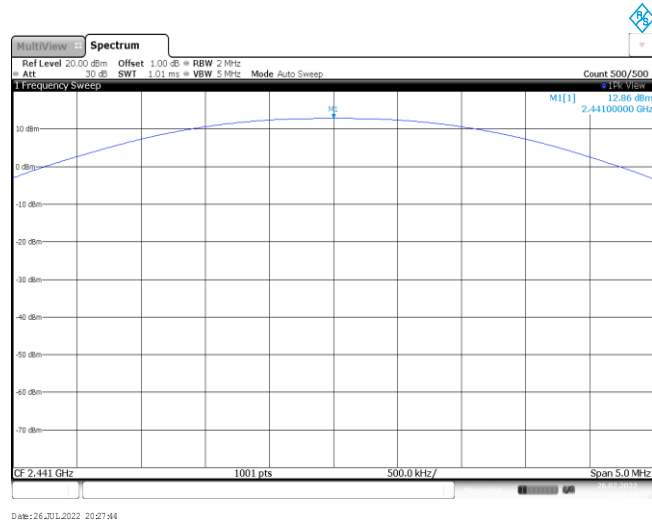
Modulation Type:

8DPSK

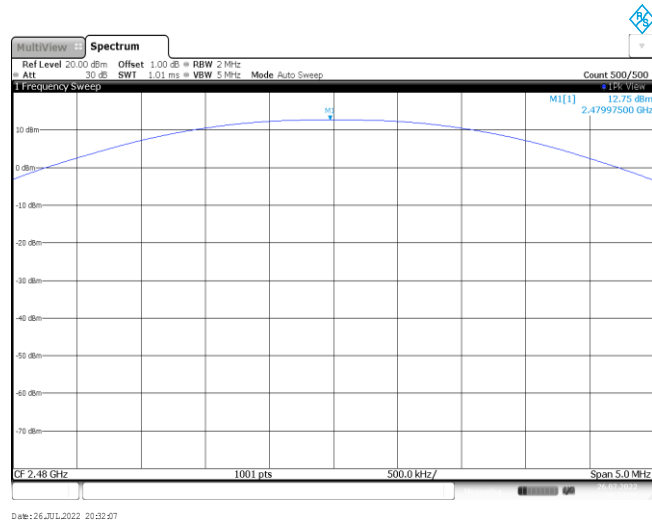
CH00



CH39



CH78



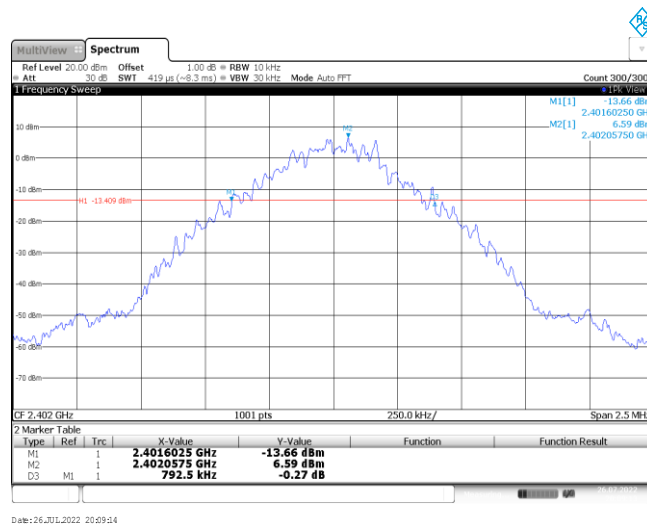
Appendix B : 20 dB Bandwidth

Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	792.50	-	Pass
	39	792.50		
	78	792.50		
$\pi/4$ DQPSK	00	1262.50	-	Pass
	39	1280.00		
	78	1270.00		
8DPSK	00	1267.50	-	Pass
	39	1285.00		
	78	1267.50		

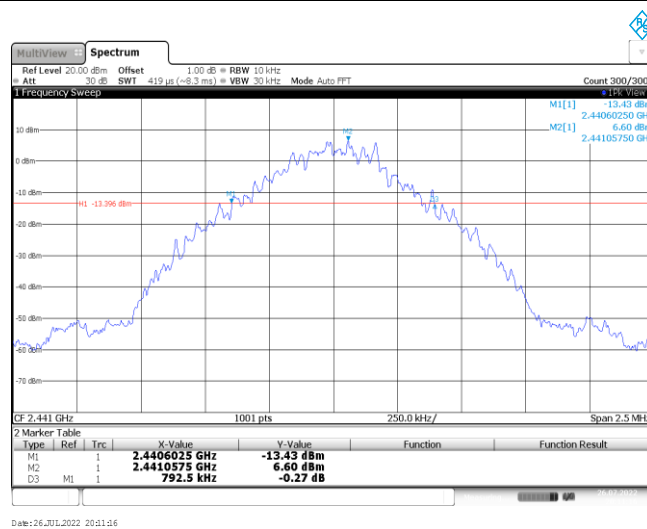
Modulation Type:

GFSK

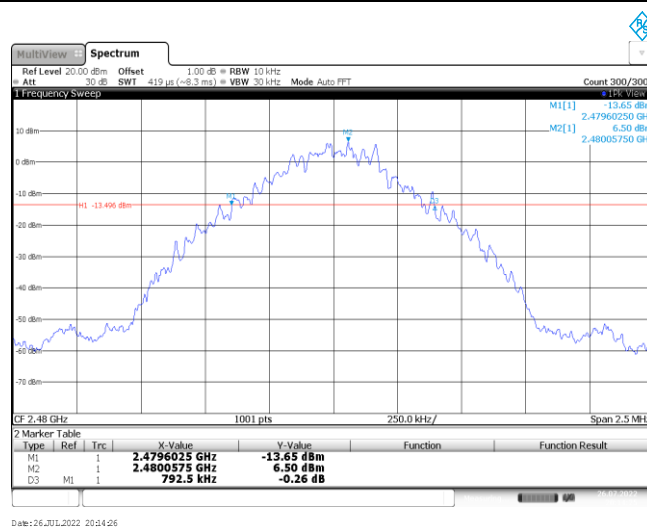
CH00

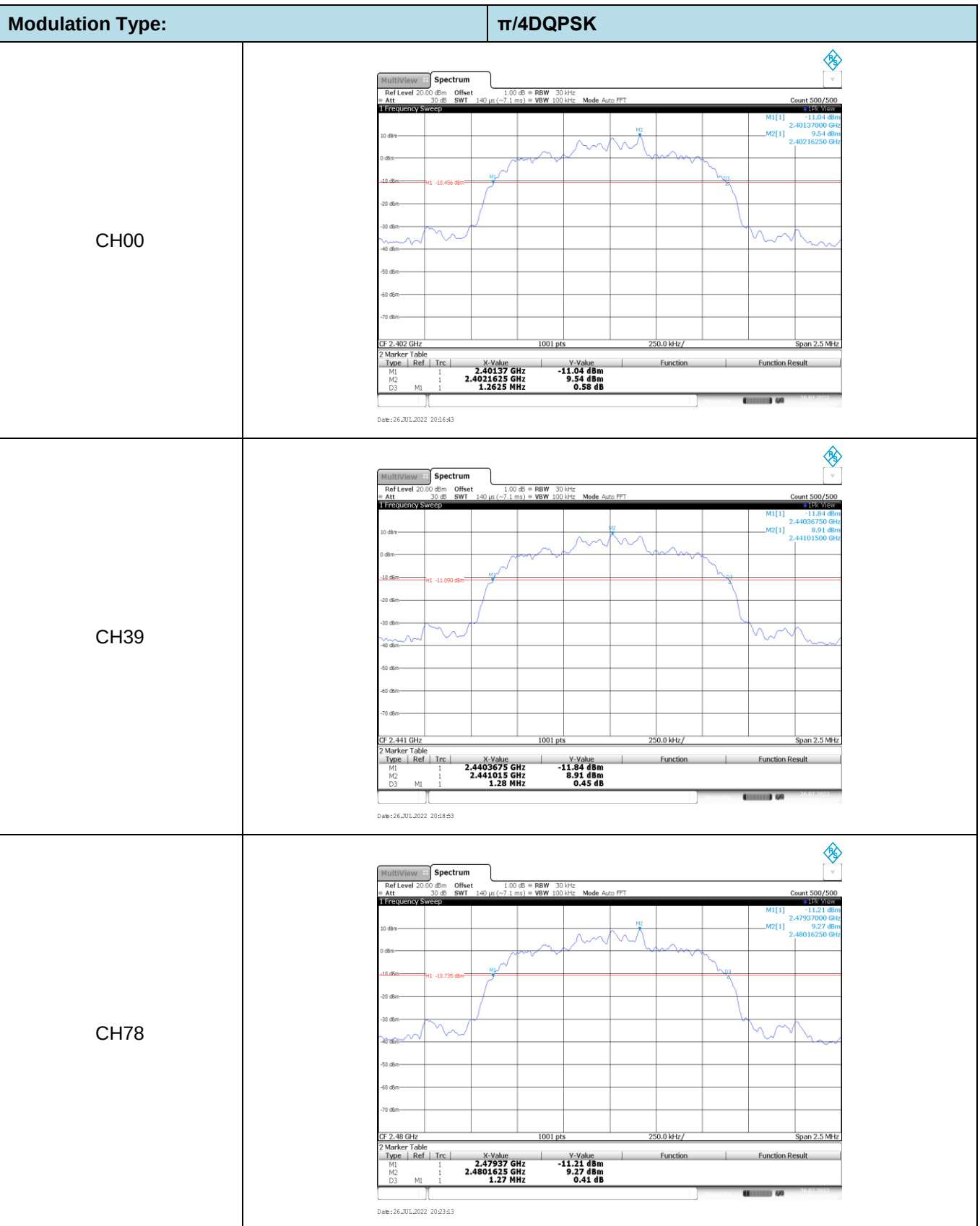


CH39



CH78

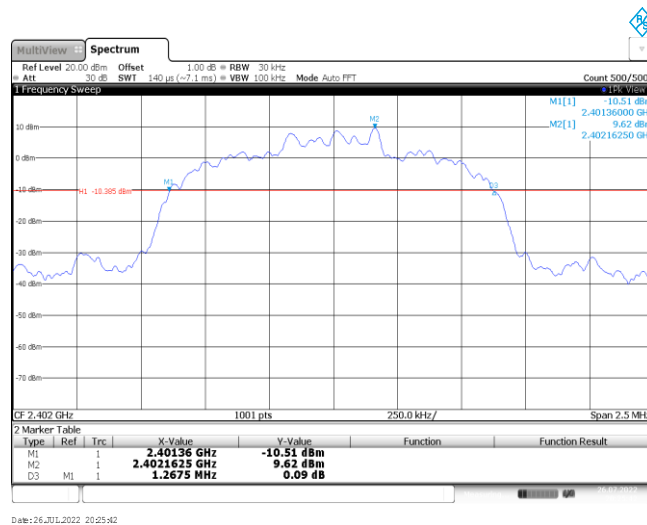




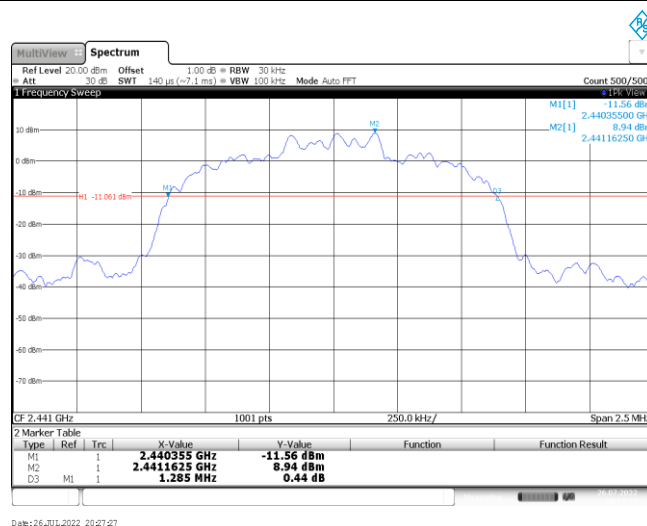
Modulation Type:

8DPSK

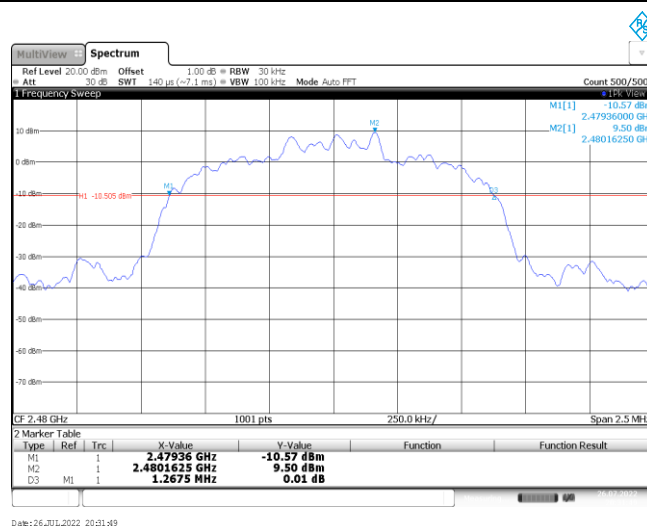
CH00



CH39



CH78



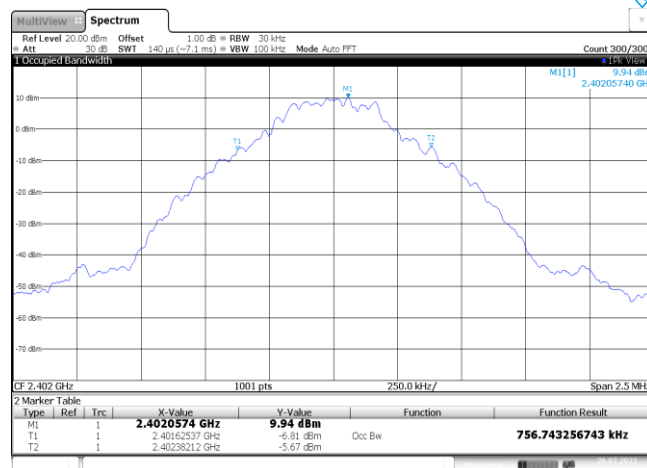
Appendix C: 99% Occupied Bandwidth

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

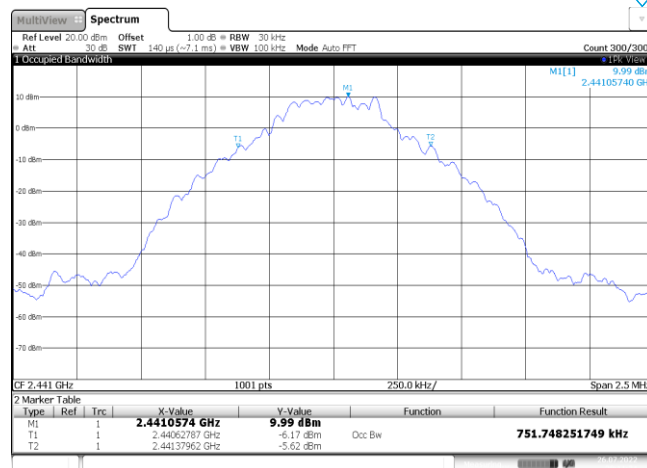
Modulation Type:

GFSK

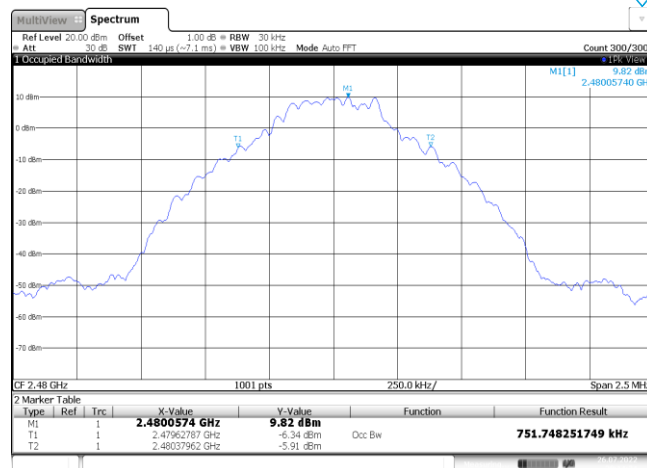
CH00



CH39



CH78



Modulation Type:

 π /4DQPSK

CH00



Date: 26, JUL 2022 20:16:51

CH39



Date: 26, JUL 2022 20:19:01

CH78



Date: 26, JUL 2022 20:23:21

Modulation Type:

8DPSK

CH00



Date: 26, Jul, 2022 20:25:50

CH39



Date: 26, Jul, 2022 20:27:35

CH78



Date: 26, Jul, 2022 20:31:57

Appendix D: Carrier Frequencies Separation

Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥792.50	Pass
π/4DQPSK	39	1.00	≥825.33	Pass
8DPSK	39	1.00	≥856.67	Pass

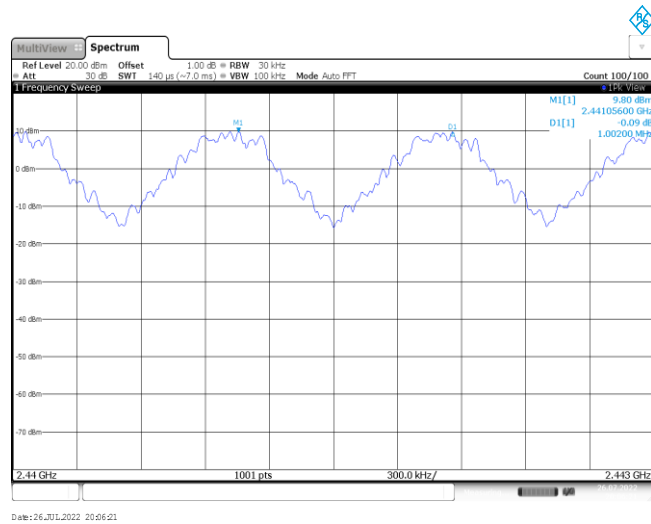
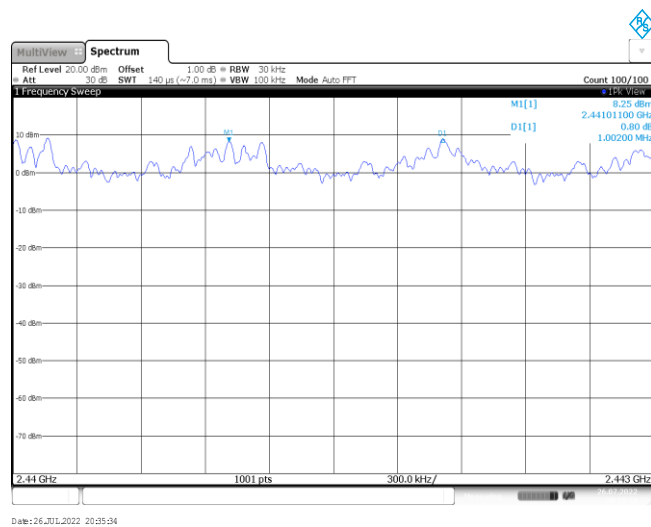
Note:

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

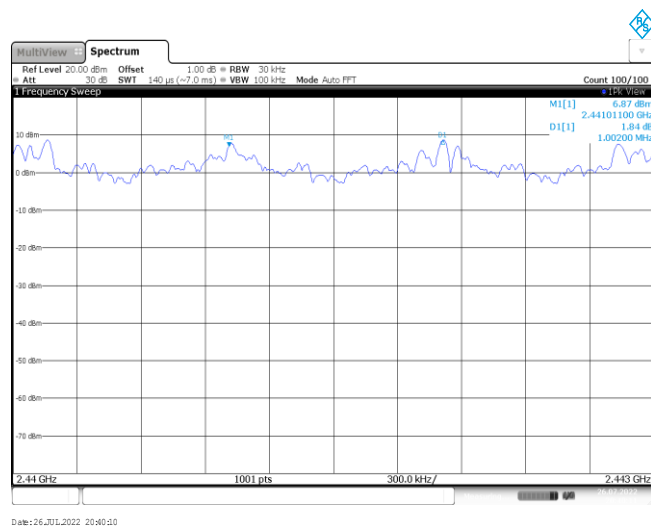
π/4DQPSK limit = 2/3 * The maximum 20 dB Bandwidth for π/4DQPSK modulation on the appendix B.

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

GFSK

 π /4DQPSK

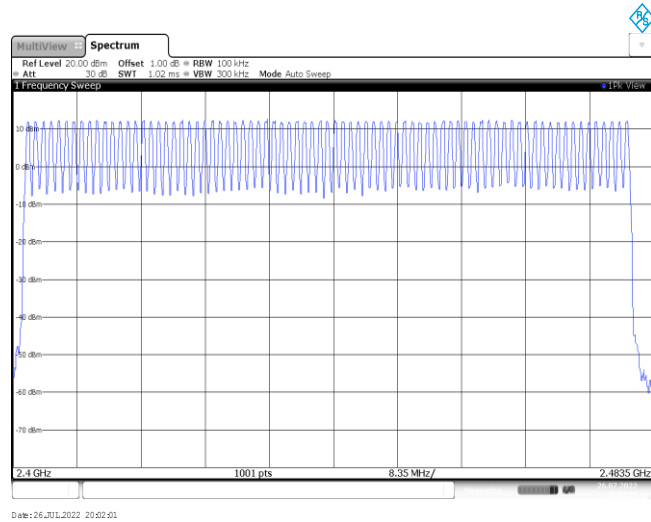
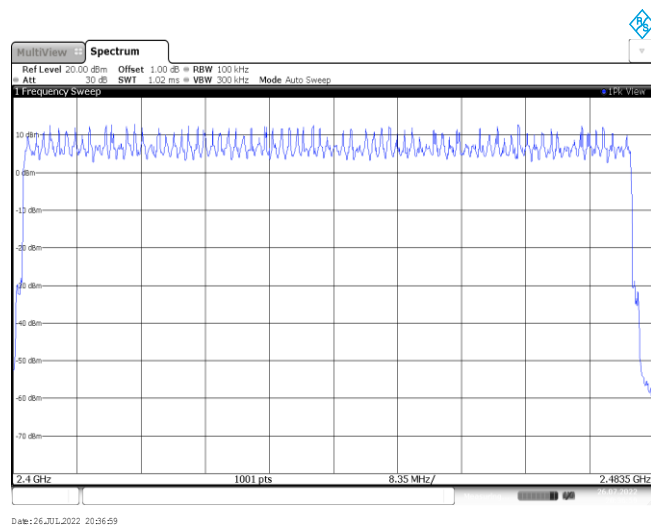
8DPSK



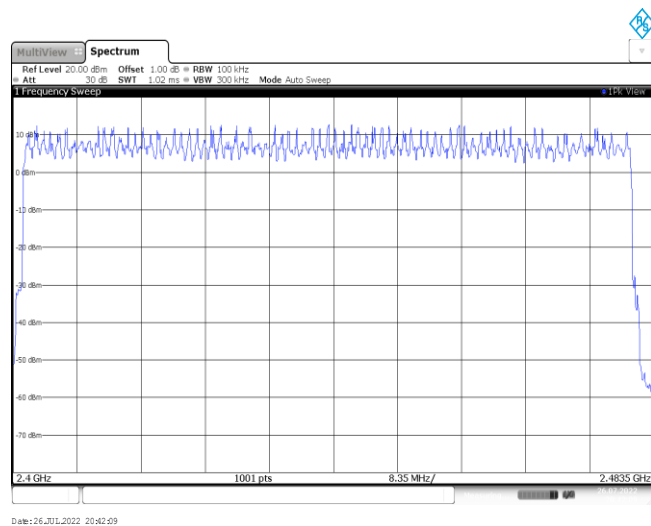
Appendix E: Hopping Channel Number

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

GFSK

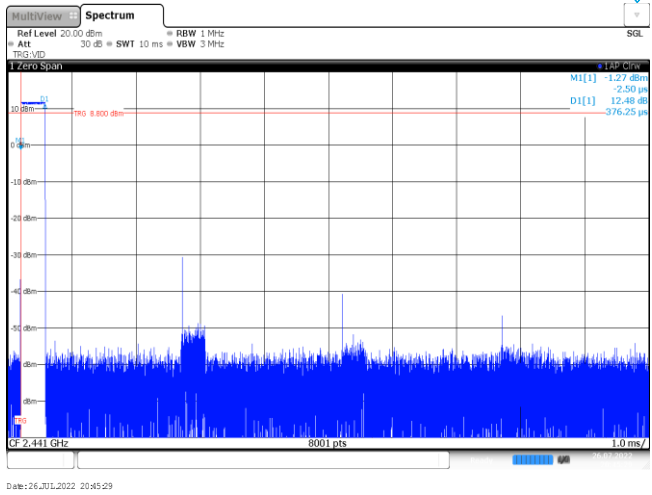
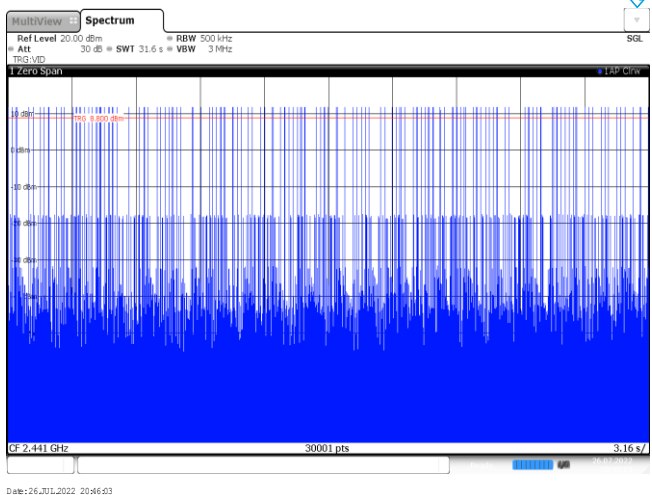
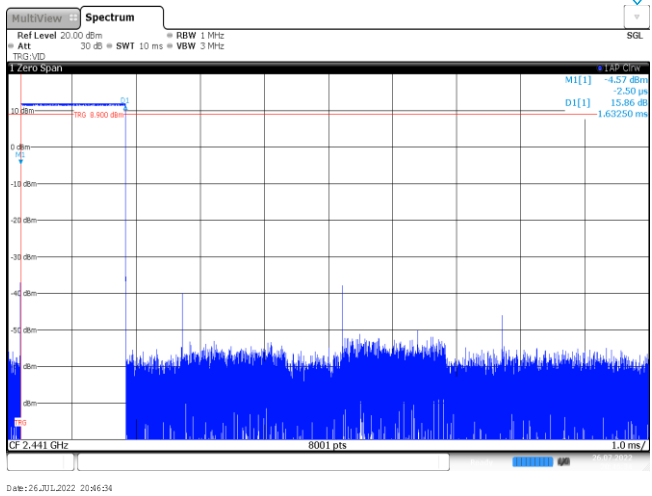
 $\pi/4$ DQPSK

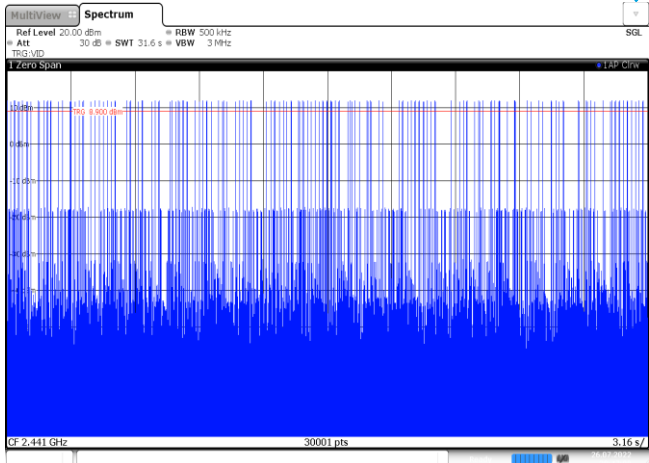
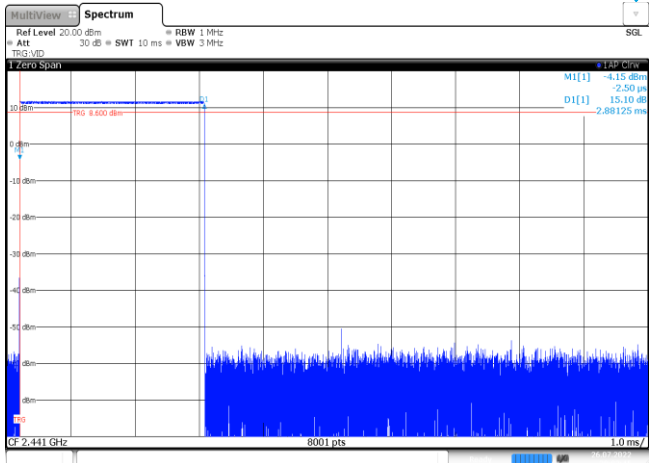
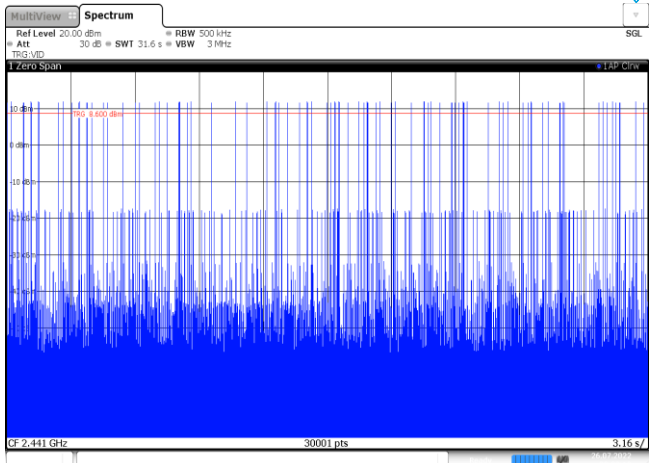
8DPSK

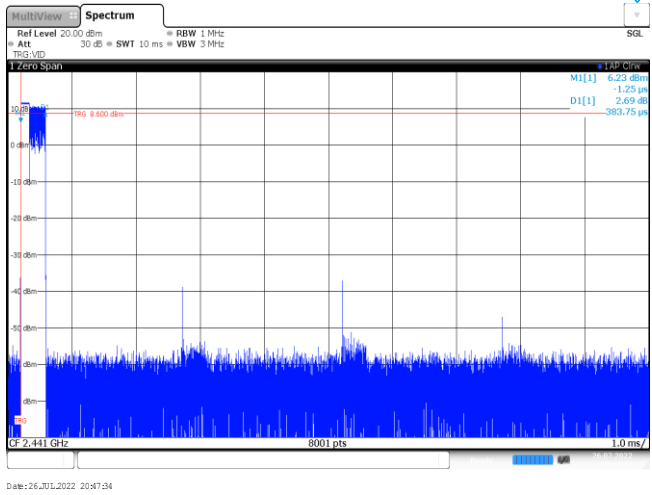
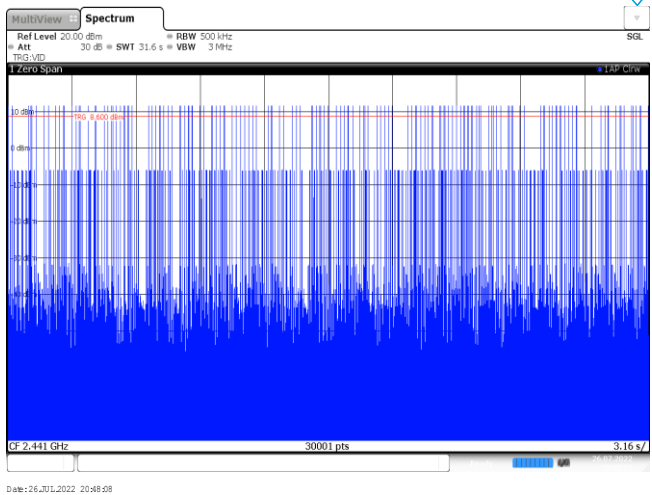
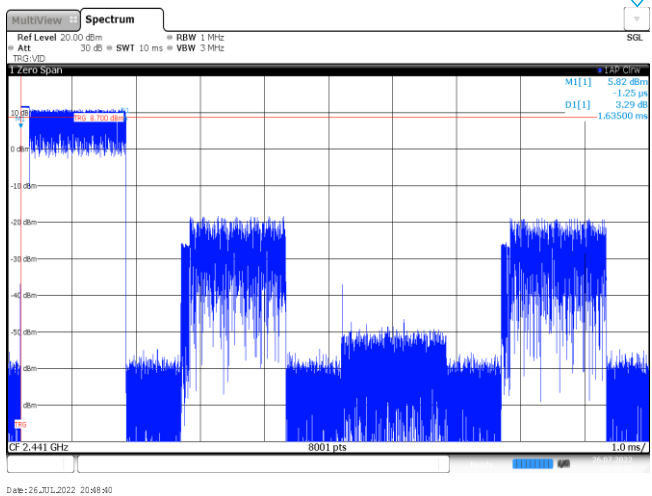


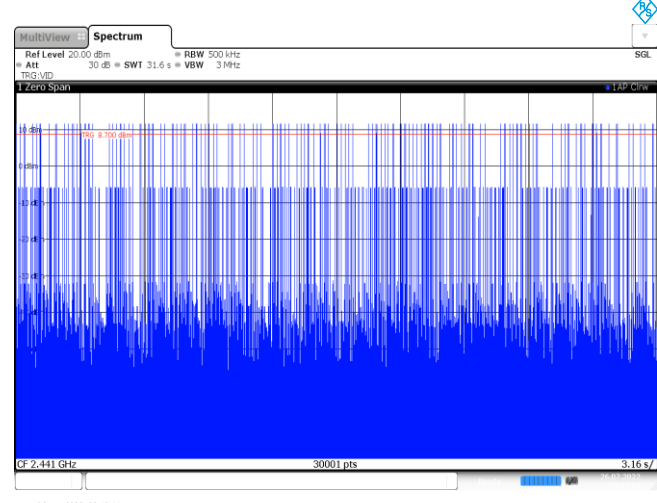
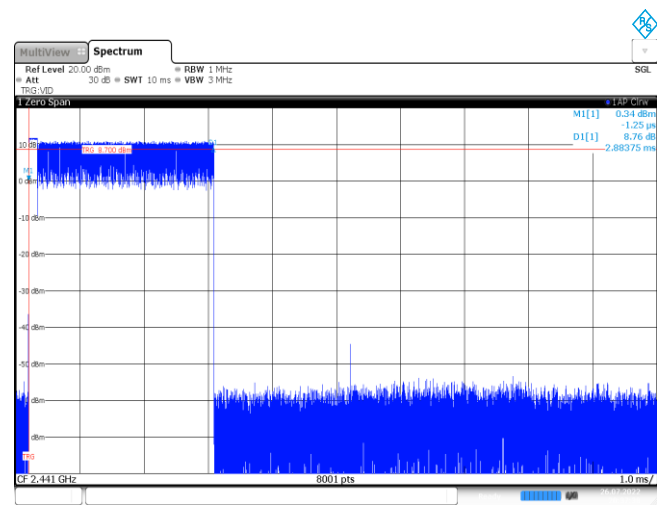
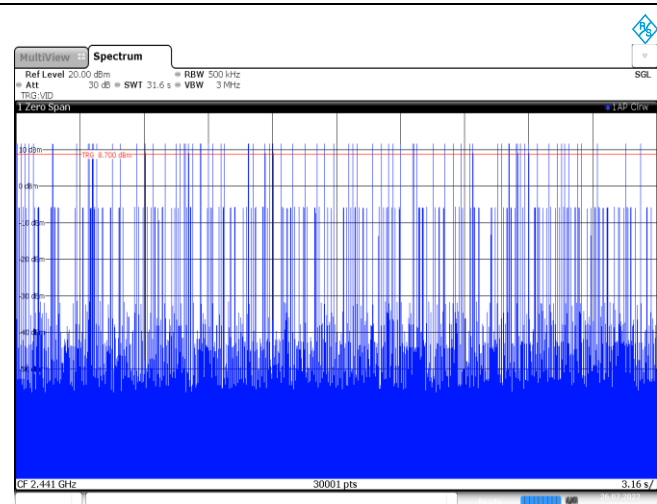
Appendix F: Dwell Time

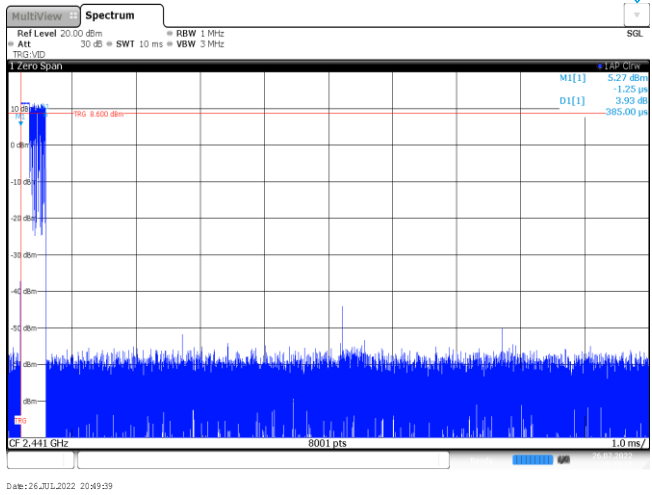
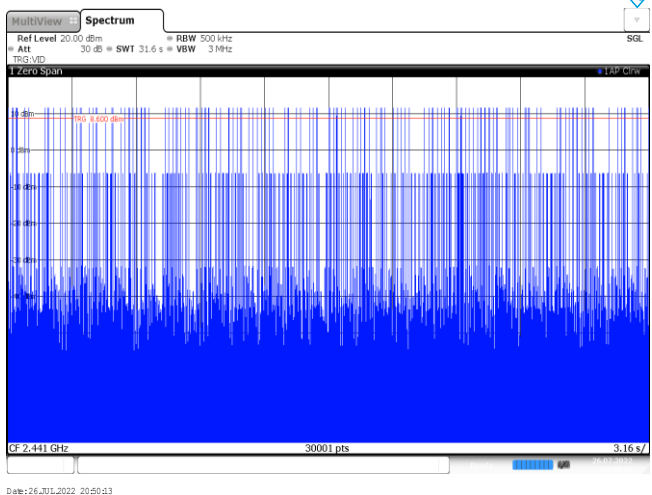
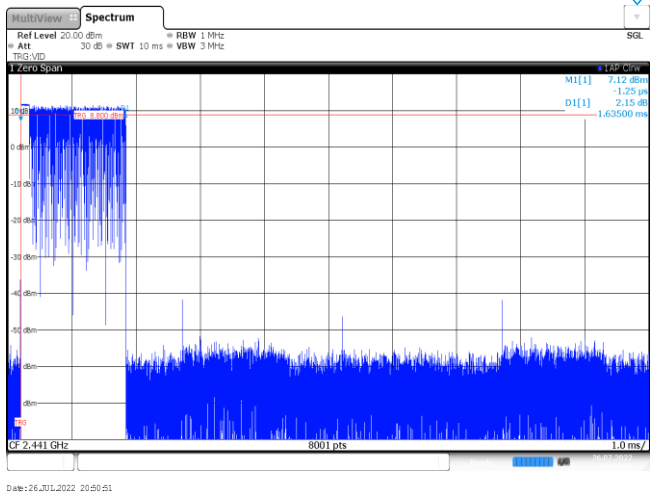
Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.38	154	0.06	≤ 0.40	Pass
	DH3	1.63	162	0.26		
	DH5	2.88	83	0.24		
$\pi/4$ DQPSK	2DH1	0.38	158	0.06	≤ 0.40	Pass
	2DH3	1.64	158	0.26		
	2DH5	2.88	81	0.23		
8DPSK	3DH1	0.38	158	0.06	≤ 0.40	Pass
	3DH3	1.64	164	0.27		
	3DH5	2.89	77	0.22		

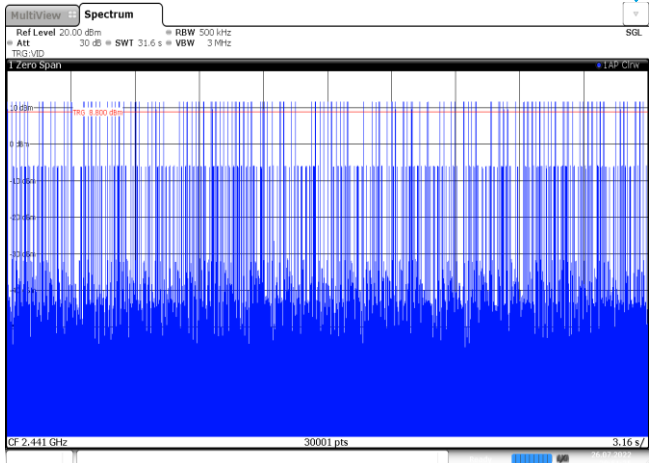
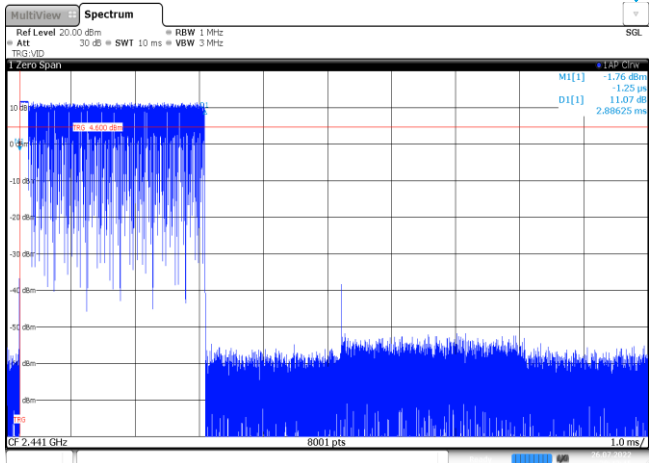
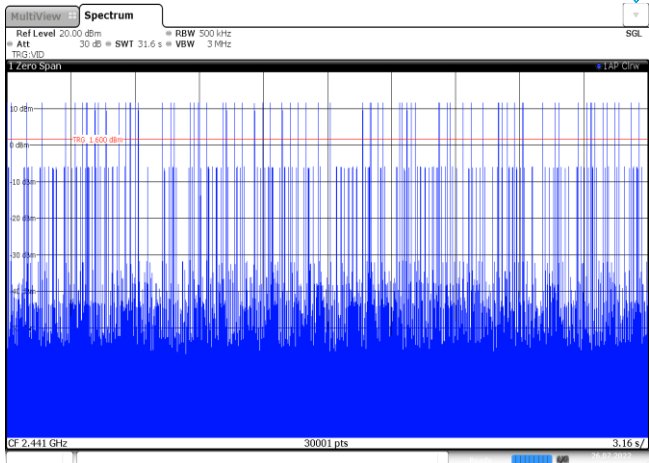
Modulation Type:	GFSK
DH1 Burst width	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 8001 pts. The y-axis represents power in dBm, ranging from -10 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. The plot shows a narrowband signal with a peak power of approximately 0 dBm. The signal is centered at 2.441 GHz. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, RBW 1 MHz, VSW 3 MHz, and Date: 26 JUL 2022 20:45:29.
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 -10 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. The plot shows a narrowband signal with a peak power of approximately 0 dBm. The signal is centered at 2.441 GHz. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, RBW 500 kHz, VSW 3 MHz, and Date: 26 JUL 2022 20:46:03.
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 -10 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. The plot shows a narrowband signal with a peak power of approximately 0 dBm. The signal is centered at 2.441 GHz. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, RBW 1 MHz, VSW 3 MHz, and Date: 26 JUL 2022 20:46:34.

DH3 Burst number	 The screenshot shows a spectrum analyzer interface with the title 'Spectrum'. The y-axis is labeled 'dBm' and ranges from -10 to 10. The x-axis is labeled 'CF 2.441 GHz' and ranges from 30001 pts to 3.16 s. The plot shows a dense blue signal. The date 'Date: 26, JUL, 2022 20:47:08' is displayed at the bottom.
DH5 Burst width	 The screenshot shows a spectrum analyzer interface with the title 'Spectrum'. The y-axis is labeled 'dBm' and ranges from -10 to 10. The x-axis is labeled 'CF 2.441 GHz' and ranges from 8001 pts to 1.0 ms. The plot shows a dense blue signal. The date 'Date: 26, JUL, 2022 20:52:45' is displayed at the bottom.
DH5 Burst number	 The screenshot shows a spectrum analyzer interface with the title 'Spectrum'. The y-axis is labeled 'dBm' and ranges from -10 to 10. The x-axis is labeled 'CF 2.441 GHz' and ranges from 30001 pts to 3.16 s. The plot shows a dense blue signal. The date 'Date: 26, JUL, 2022 20:53:19' is displayed at the bottom.

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 -50 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. The signal is centered at 2.441 GHz. The plot shows a sharp peak at the center frequency, with a bandwidth of approximately 1 MHz. The signal level is around -10 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, SWT 10 ms, RBW 1 MHz, VBW 3 MHz. The plot also shows a 'Zero Span' view. The date is 26 JUL 2022 20:47:34.
2DH1 Burst number	 The spectrum plot shows a continuous signal at 2.441 GHz. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. The signal is centered at 2.441 GHz. The plot shows a continuous signal with a bandwidth of approximately 1 MHz. The signal level is around -10 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, SWT 31.6 s, RBW 500 kHz, VBW 3 MHz. The plot also shows a 'Zero Span' view. The date is 26 JUL 2022 20:48:08.
2DH3 Burst width	 The spectrum plot shows a burst of signal at 2.441 GHz. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. The signal is centered at 2.441 GHz. The plot shows a burst of signal with a bandwidth of approximately 1 MHz. The signal level is around -10 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, SWT 10 ms, RBW 1 MHz, VBW 3 MHz. The plot also shows a 'Zero Span' view. The date is 26 JUL 2022 20:48:40.

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

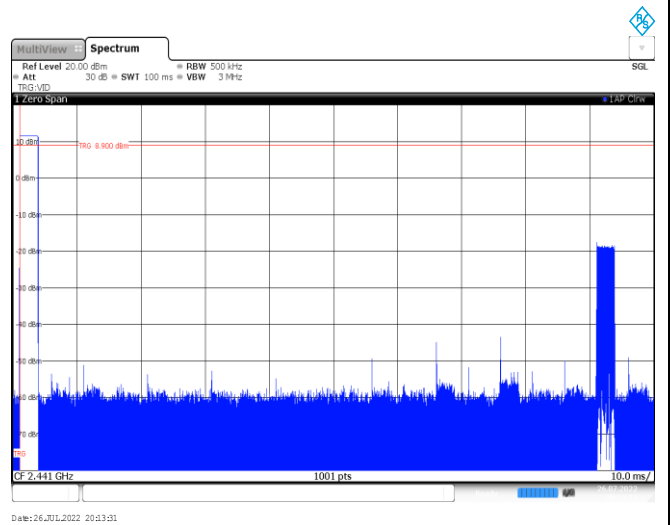
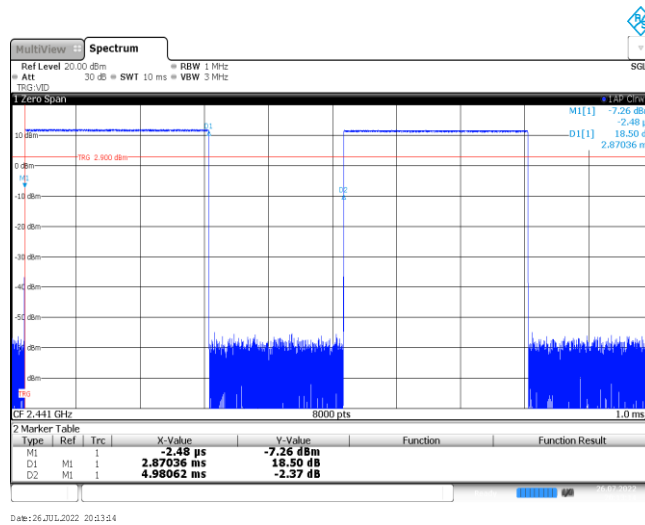
Modulation Type:	8DPSK
3DH1 Burst width	 The spectrum plot shows a single burst of signal at 2.441 GHz. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. The plot shows a sharp peak at the center frequency, with a bandwidth of approximately 1 MHz. The signal is labeled with a reference level of 20.00 dBm, an attenuation of 30 dB, a sweep time of 10 ms, and a video bandwidth of 3 MHz. The plot also shows a noise floor at approximately -50 dBm. The date and time of the measurement are 26 JUL 2022 20:49:39.
3DH1 Burst number	 The spectrum plot shows a continuous signal at 2.441 GHz. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. The plot shows a continuous signal with a bandwidth of approximately 1 MHz. The signal is labeled with a reference level of 20.00 dBm, an attenuation of 30 dB, a sweep time of 31.6 s, and a video bandwidth of 3 MHz. The plot also shows a noise floor at approximately -50 dBm. The date and time of the measurement are 26 JUL 2022 20:50:13.
3DH3 Burst width	 The spectrum plot shows a single burst of signal at 2.441 GHz. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. The plot shows a sharp peak at the center frequency, with a bandwidth of approximately 1 MHz. The signal is labeled with a reference level of 20.00 dBm, an attenuation of 30 dB, a sweep time of 10 ms, and a video bandwidth of 3 MHz. The plot also shows a noise floor at approximately -50 dBm. The date and time of the measurement are 26 JUL 2022 20:50:51.

3DH3 Burst number	 The spectrum plot shows a dense signal across the frequency range. The y-axis represents power in dBm, ranging from -40 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. The plot shows a continuous signal with a bandwidth of 30001 pts. The date is 26, JUL, 2022 20:51:25.
3DH5 Burst width	 The spectrum plot shows a signal burst. The y-axis represents power in dBm, ranging from -40 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. The plot shows a signal burst with a bandwidth of 8001 pts. The date is 26, JUL, 2022 20:42:45.
3DH5 Burst number	 The spectrum plot shows a dense signal across the frequency range. The y-axis represents power in dBm, ranging from -40 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. The plot shows a continuous signal with a bandwidth of 30001 pts. The date is 26, JUL, 2022 20:43:19.

Appendix G: Duty Cycle Correction Factor (DCCF)

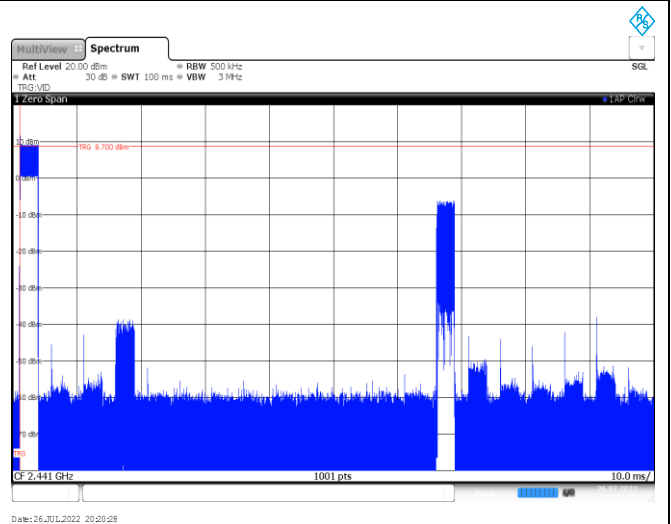
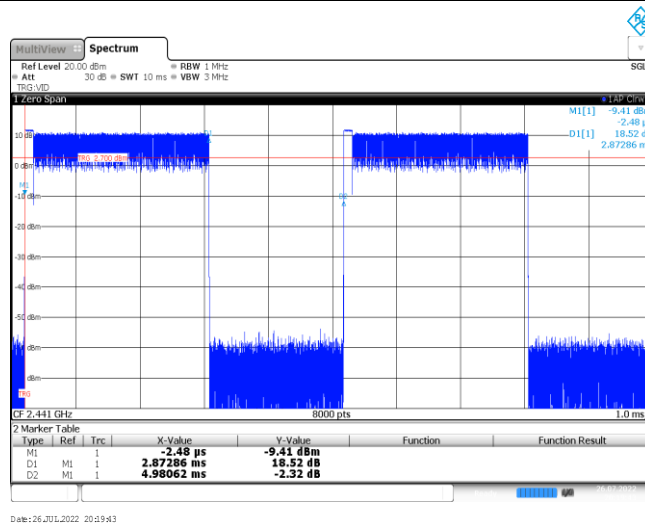
DCCF Calculate Formula					
DCCF=20 * Log(duty cycle) = 20 * Log($T_{\text{on time}} / T_{\text{period}}$)					
Modulation type	Test Frequency (MHz)	$T_{\text{on time}}$ for single burst [ms]	T_{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.87	100	2	-24.82
$\pi/4$ DQPSK	2441	2.87	100	2	-24.82
8DPSK	2441	2.88	100	2	-24.79

GFSK



Ton time for single burst

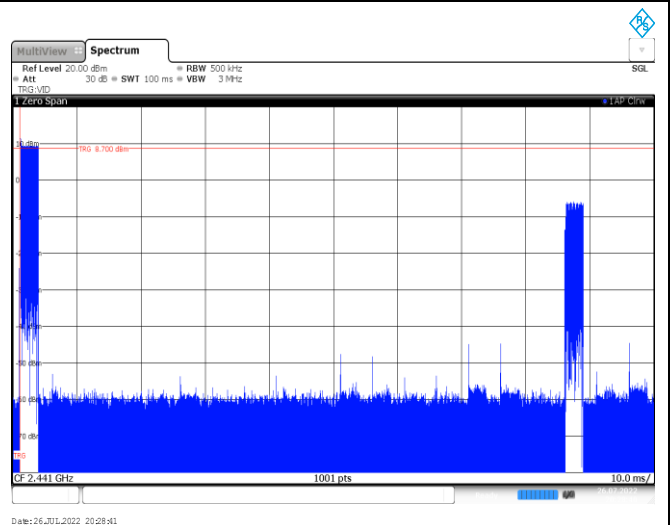
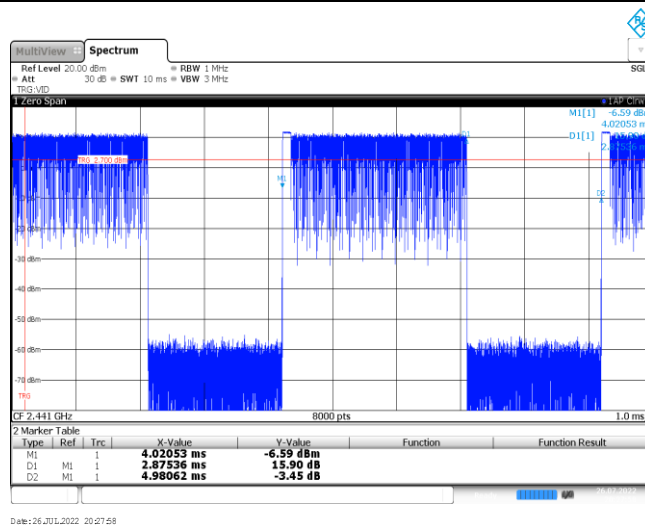
Burst Quantity

 $\pi/4$ DQPSK

Ton time for single burst

Burst Quantity

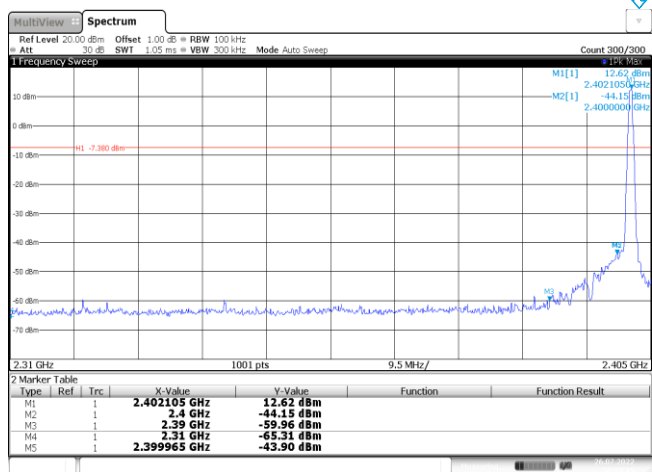
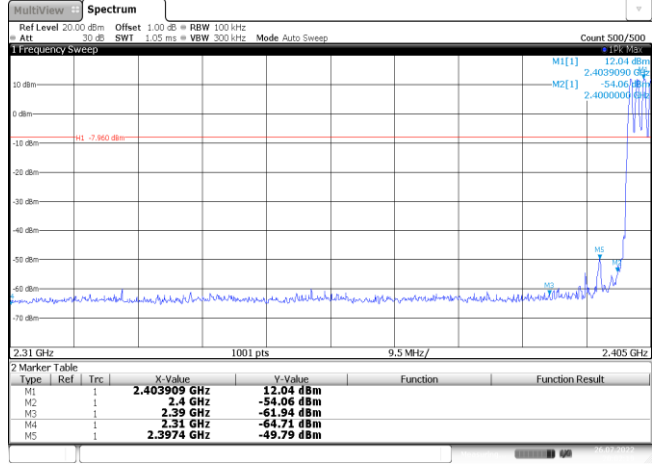
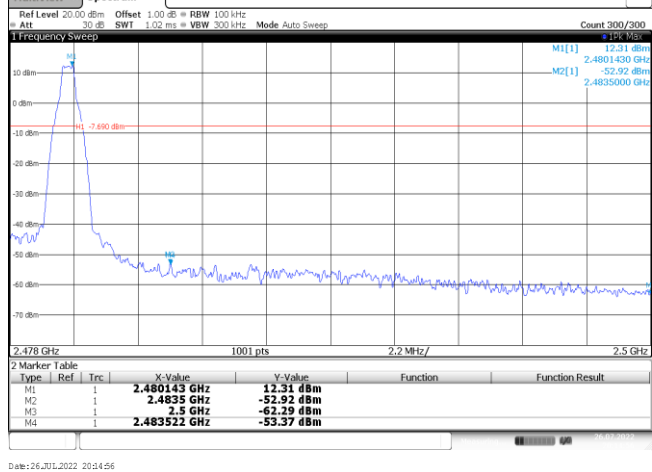
8DPSK



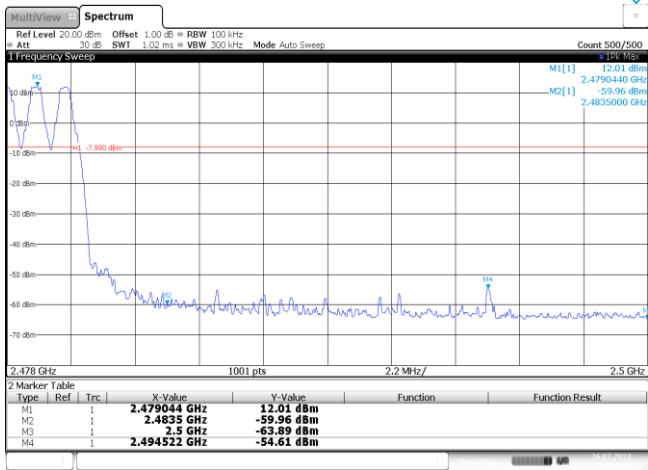
Ton time for single burst

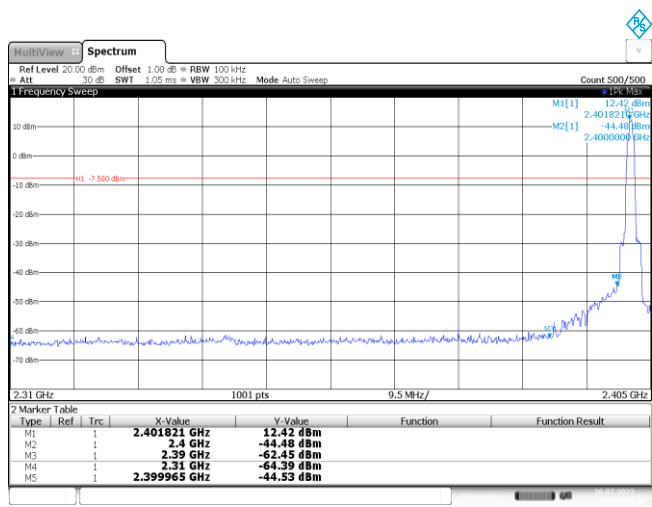
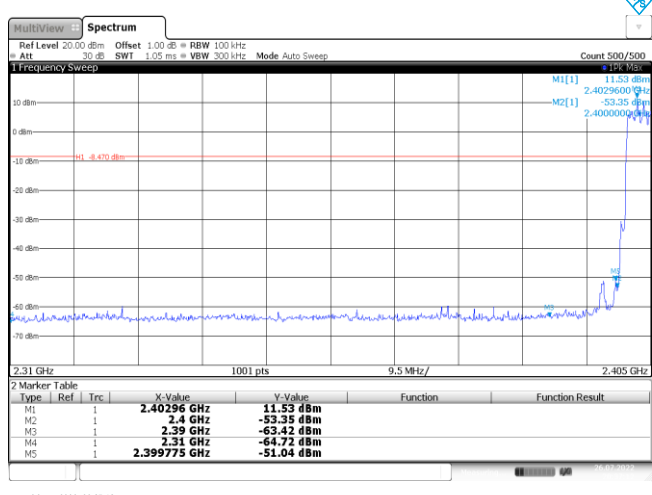
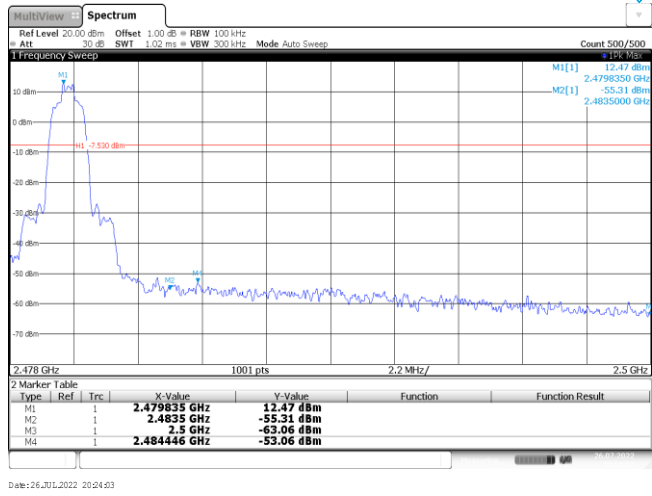
Burst Quantity

Appendix H: Band edge and Spurious Emissions (conducted)

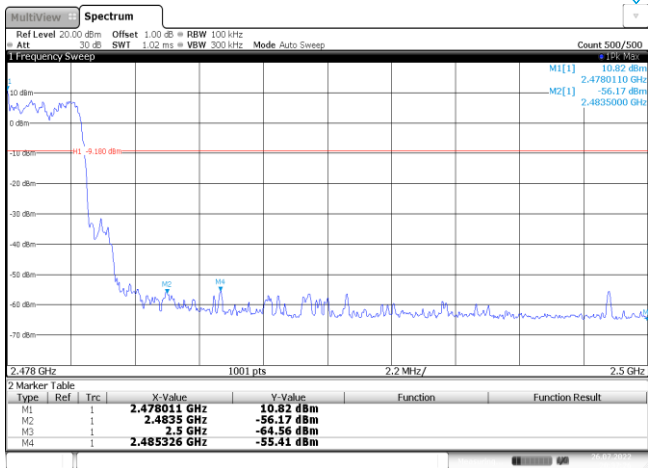
Test Item:	Band edge	Modulation type:	GFSK																																										
CH00 No hopping mode	 <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.402105 GHz</td><td>12.62 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-44.15 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-59.96 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-65.31 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399965 GHz</td><td>-43.90 dBm</td><td></td><td></td></tr></table> Date: 26 JUL 2022 20:59:45	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	12.62 dBm			M2	1		2.4 GHz	-44.15 dBm			M3	1		2.39 GHz	-59.96 dBm			M4	1		2.31 GHz	-65.31 dBm			M5	1		2.399965 GHz	-43.90 dBm				
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.402105 GHz	12.62 dBm																																									
M2	1		2.4 GHz	-44.15 dBm																																									
M3	1		2.39 GHz	-59.96 dBm																																									
M4	1		2.31 GHz	-65.31 dBm																																									
M5	1		2.399965 GHz	-43.90 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>2.403909 GHz</td><td>12.04 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-54.06 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-61.94 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-64.71 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.3974 GHz</td><td>-49.79 dBm</td><td></td><td></td></tr></table> Date: 26 JUL 2022 20:02:19	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.403909 GHz	12.04 dBm			M2	1		2.4 GHz	-54.06 dBm			M3	1		2.39 GHz	-61.94 dBm			M4	1		2.31 GHz	-64.71 dBm			M5	1		2.3974 GHz	-49.79 dBm				
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.403909 GHz	12.04 dBm																																									
M2	1		2.4 GHz	-54.06 dBm																																									
M3	1		2.39 GHz	-61.94 dBm																																									
M4	1		2.31 GHz	-64.71 dBm																																									
M5	1		2.3974 GHz	-49.79 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>2.480143 GHz</td><td>12.31 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-52.92 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-62.29 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483522 GHz</td><td>-53.37 dBm</td><td></td><td></td></tr></table> Date: 26 JUL 2022 20:14:56	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.480143 GHz	12.31 dBm			M2	1		2.4835 GHz	-52.92 dBm			M3	1		2.5 GHz	-62.29 dBm			M4	1		2.483522 GHz	-53.37 dBm											
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.480143 GHz	12.31 dBm																																									
M2	1		2.4835 GHz	-52.92 dBm																																									
M3	1		2.5 GHz	-62.29 dBm																																									
M4	1		2.483522 GHz	-53.37 dBm																																									

CH78
Hopping mode



Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
CH00 No hopping mode	 2 Marker Table <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.401821 GHz</td><td>12.42 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-44.48 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-62.45 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-64.39 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399965 GHz</td><td>-44.53 dBm</td><td></td><td></td></tr></table> Date: 26 JUL 2022 20:17:33			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.401821 GHz	12.42 dBm			M2	1		2.4 GHz	-44.48 dBm			M3	1		2.39 GHz	-62.45 dBm			M4	1		2.31 GHz	-64.39 dBm			M5	1		2.399965 GHz	-44.53 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.401821 GHz	12.42 dBm																																									
M2	1		2.4 GHz	-44.48 dBm																																									
M3	1		2.39 GHz	-62.45 dBm																																									
M4	1		2.31 GHz	-64.39 dBm																																									
M5	1		2.399965 GHz	-44.53 dBm																																									
CH00 Hopping mode	 2 Marker Table <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.40296 GHz</td><td>11.53 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-53.35 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-63.42 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-64.72 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399775 GHz</td><td>-51.04 dBm</td><td></td><td></td></tr></table> Date: 26 JUL 2022 20:37:13			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40296 GHz	11.53 dBm			M2	1		2.4 GHz	-53.35 dBm			M3	1		2.39 GHz	-63.42 dBm			M4	1		2.31 GHz	-64.72 dBm			M5	1		2.399775 GHz	-51.04 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.40296 GHz	11.53 dBm																																									
M2	1		2.4 GHz	-53.35 dBm																																									
M3	1		2.39 GHz	-63.42 dBm																																									
M4	1		2.31 GHz	-64.72 dBm																																									
M5	1		2.399775 GHz	-51.04 dBm																																									
CH78 No hopping mode	 2 Marker Table <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.479835 GHz</td><td>12.47 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.48335 GHz</td><td>-55.31 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-63.06 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.484446 GHz</td><td>-53.06 dBm</td><td></td><td></td></tr></table> Date: 26 JUL 2022 20:24:03			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479835 GHz	12.47 dBm			M2	1		2.48335 GHz	-55.31 dBm			M3	1		2.5 GHz	-63.06 dBm			M4	1		2.484446 GHz	-53.06 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.479835 GHz	12.47 dBm																																									
M2	1		2.48335 GHz	-55.31 dBm																																									
M3	1		2.5 GHz	-63.06 dBm																																									
M4	1		2.484446 GHz	-53.06 dBm																																									

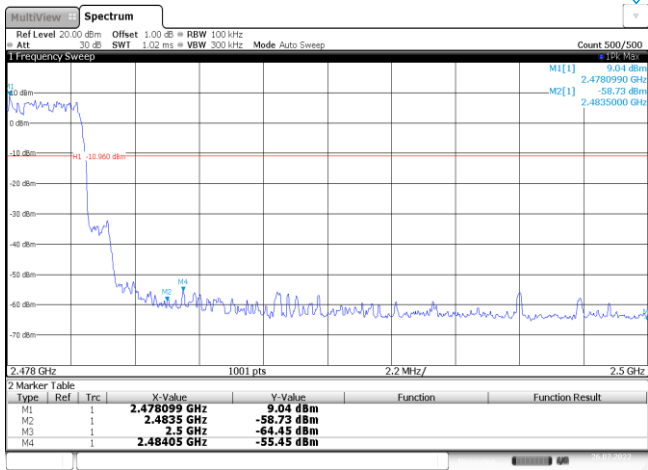
CH78
Hopping mode



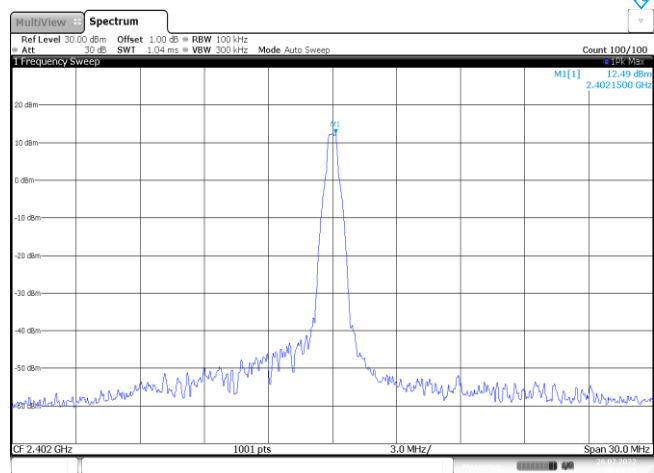
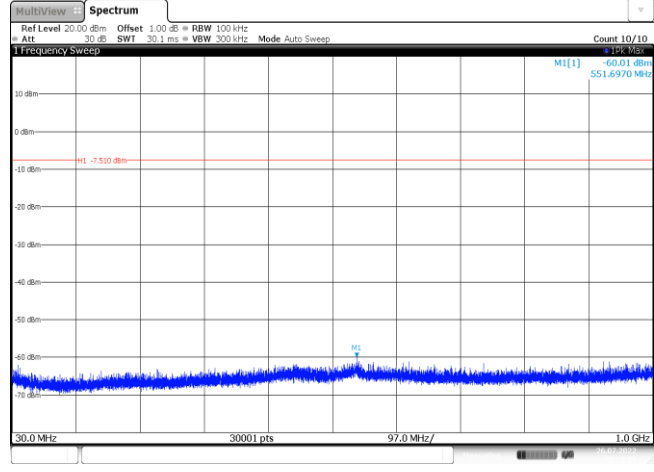
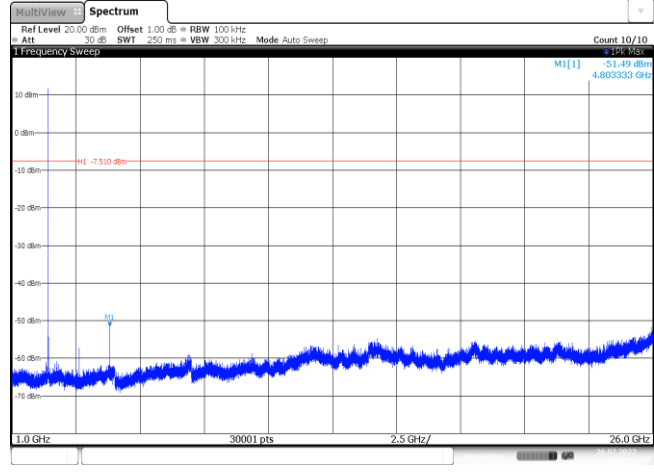
Date: 26 JUL 2022 20:37:27

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

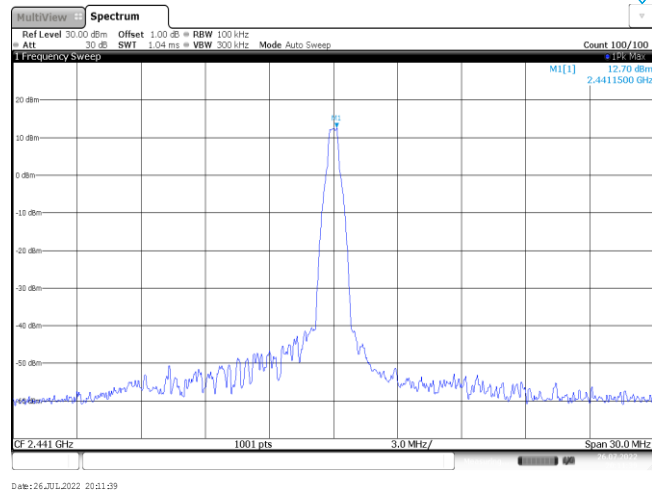
CH78
Hoppig mode



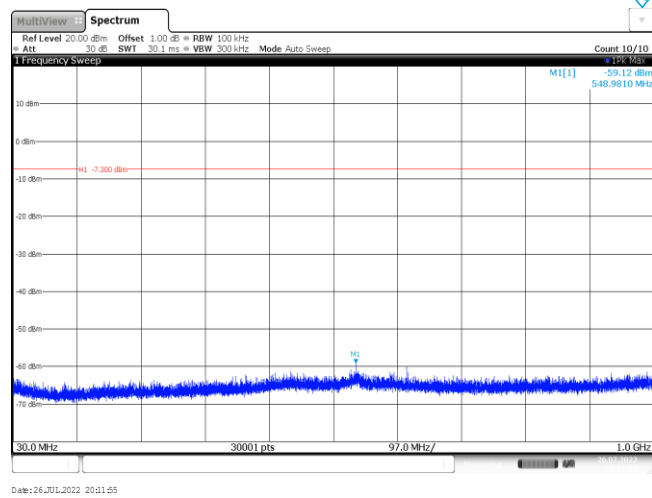
Date: 26.01.2022 20:42:37

Test Item:	Spurious Emission	Modulation type:	GFSK
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] 12.49 dBm 2.4021500 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 26 JUL 2022 20:19:53		
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] -60.01 dBm 551.6970 MHz -7.510 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 26 JUL 2022 20:10:10		
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] -51.49 dBm 4.803333 GHz -7.510 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 26 JUL 2022 20:10:26		

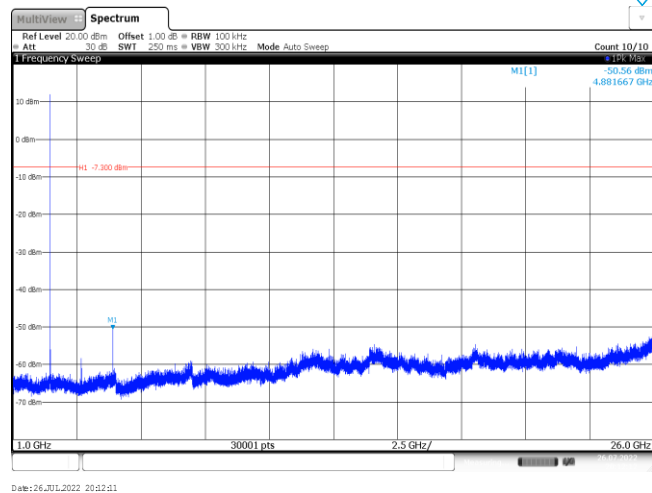
CH39
Reference level



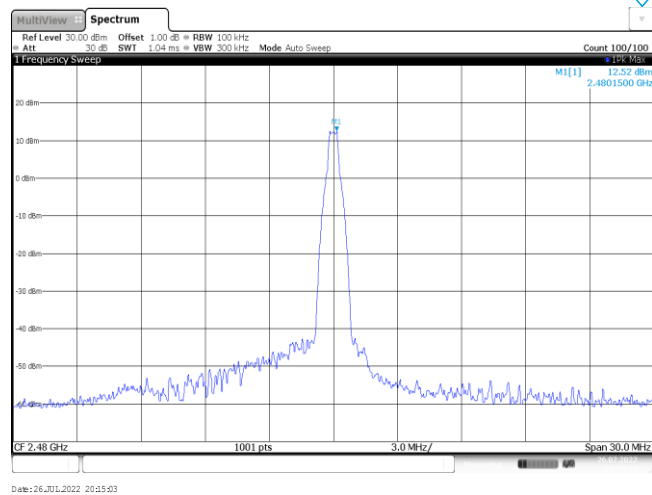
CH39
30MHz~1000MHz



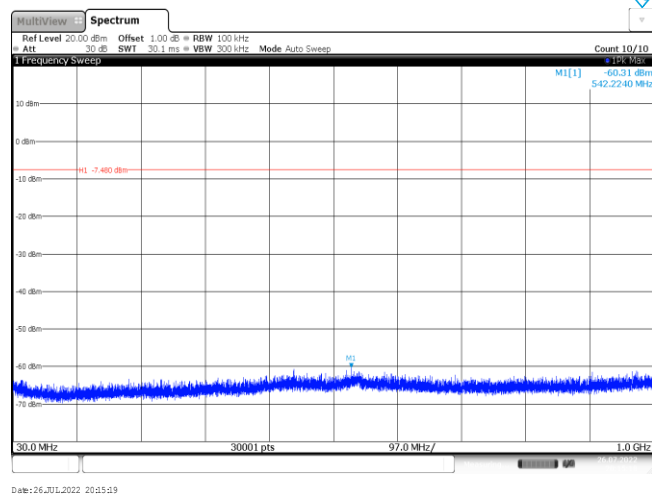
CH39
1GHz~26GHz



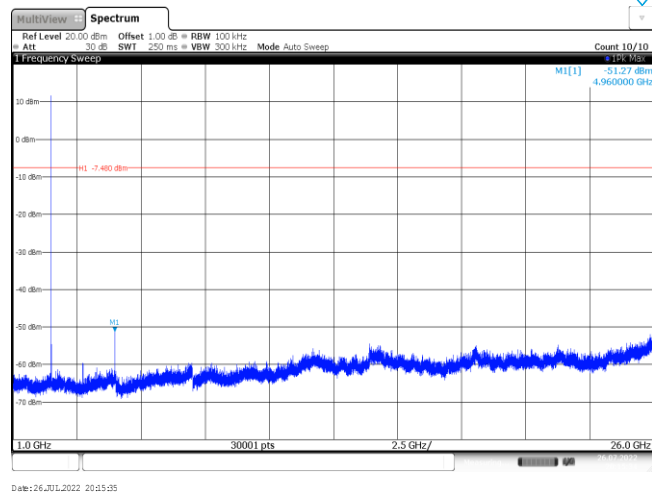
CH78
Reference level

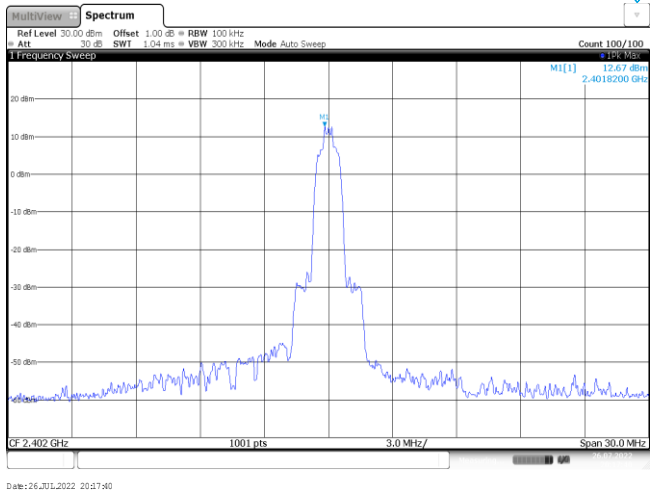
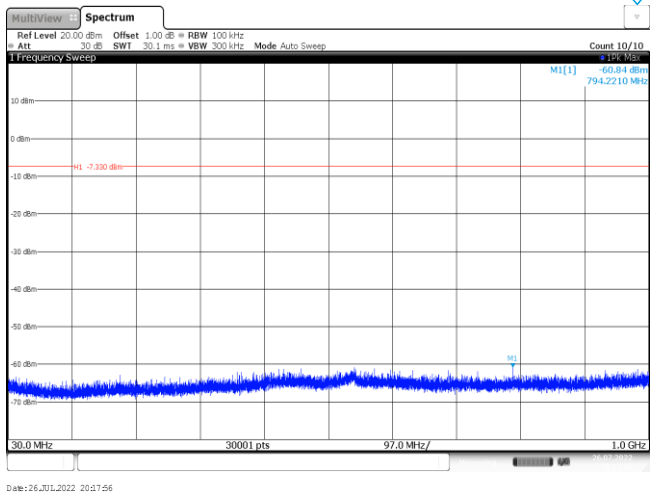
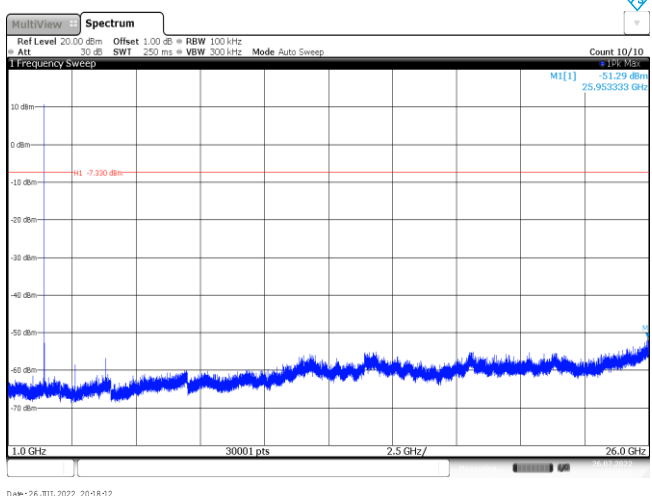


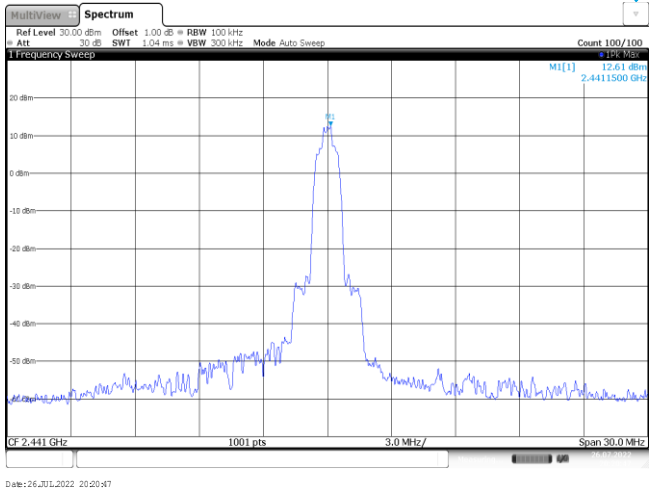
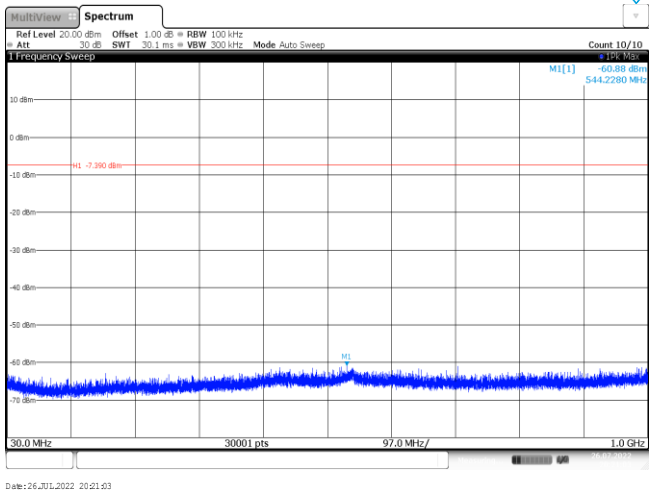
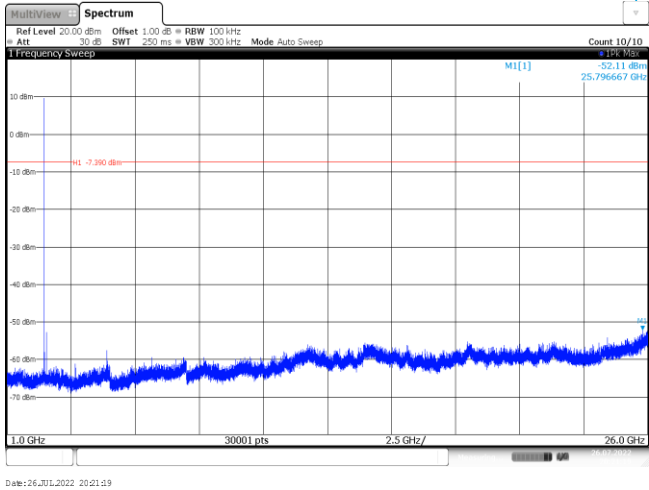
CH78
30MHz~1000MHz



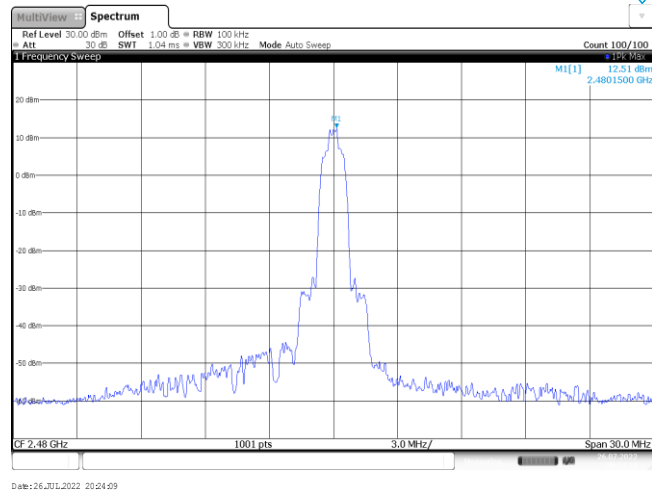
CH78
1GHz~26GHz



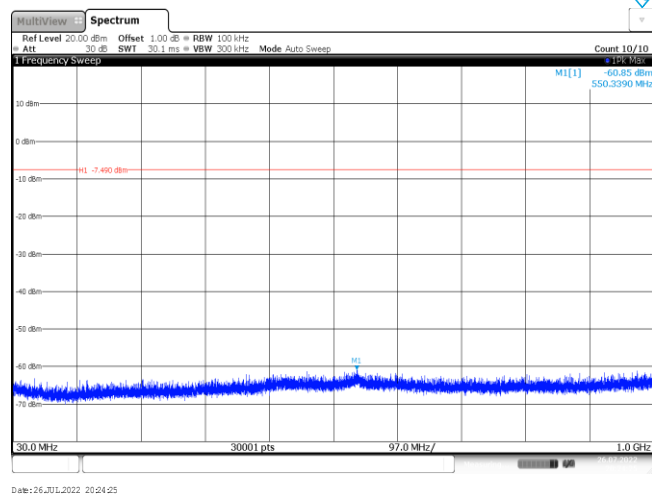
Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
CH00 Reference level			
CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

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

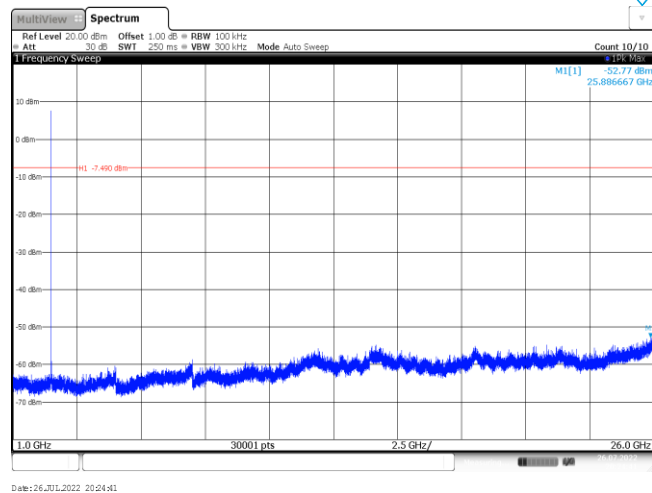
CH78
Reference level

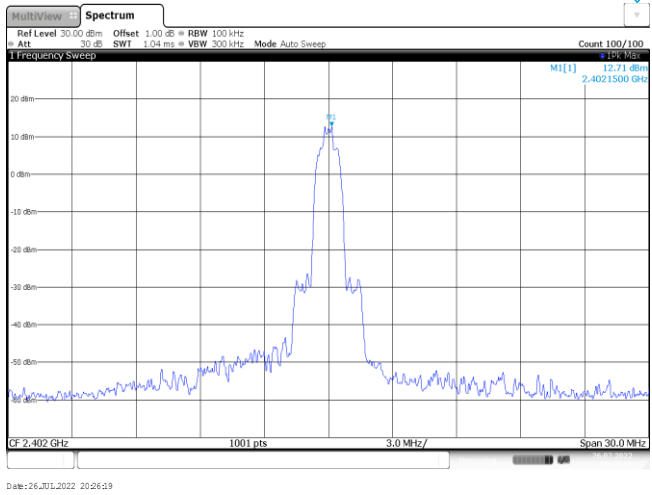
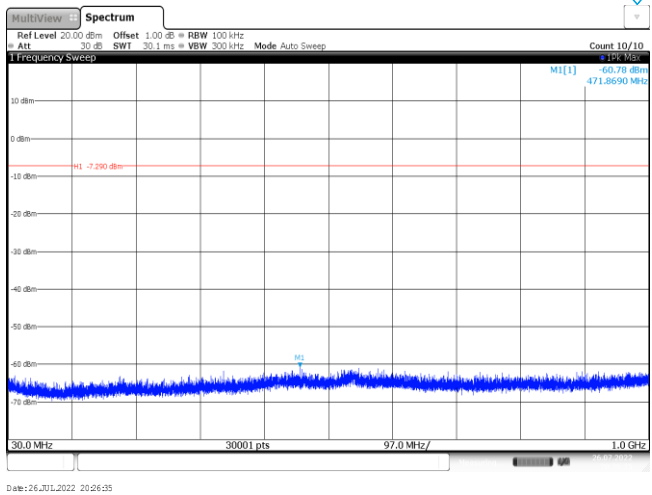
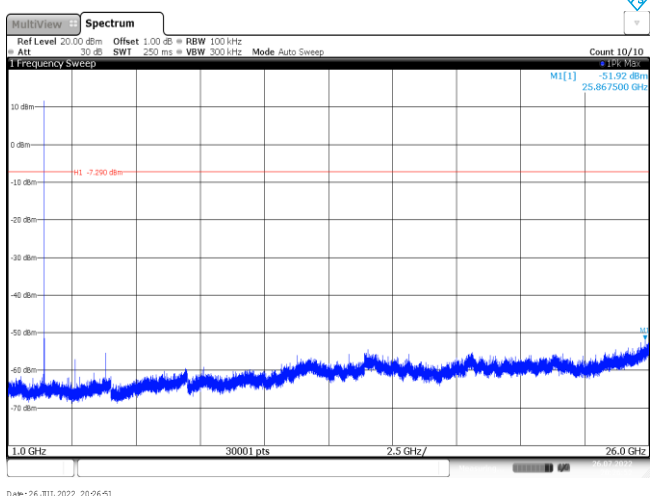


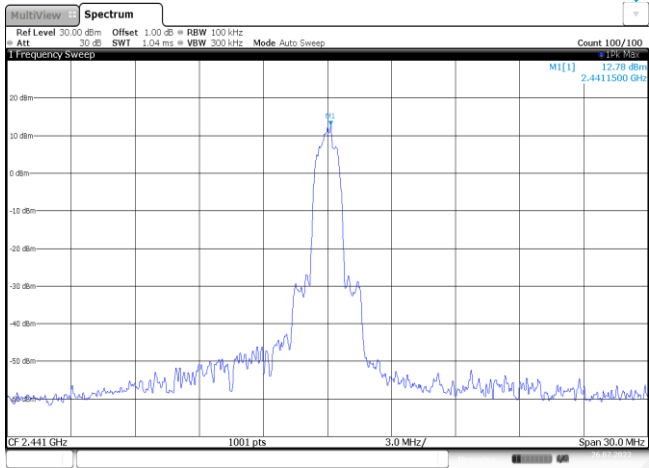
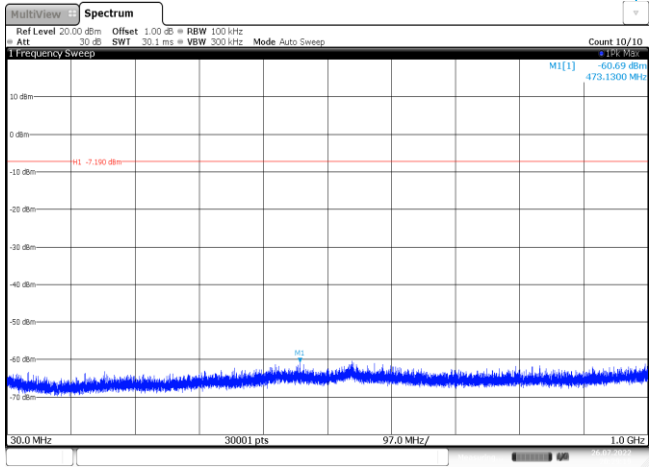
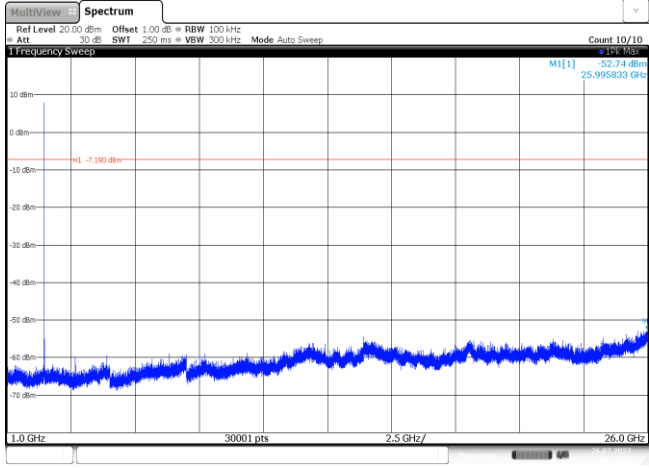
CH78
30MHz~1000MHz

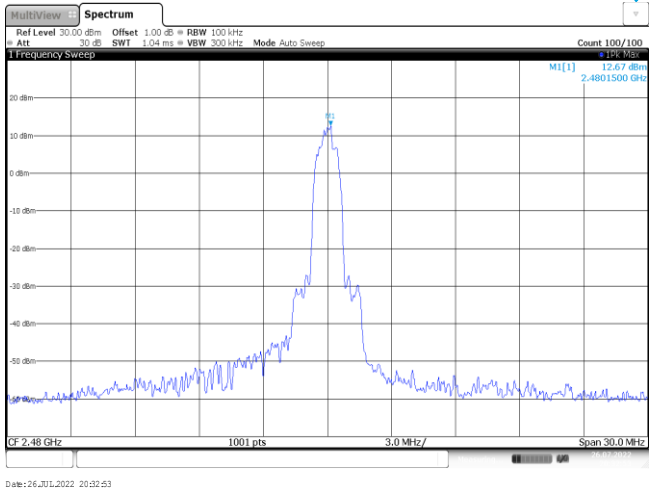
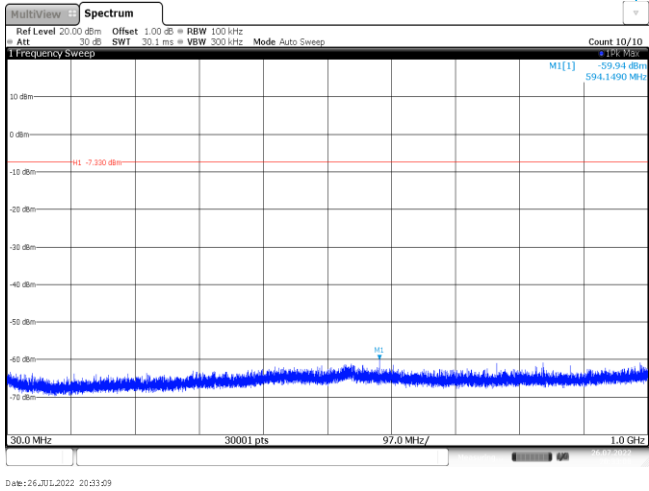
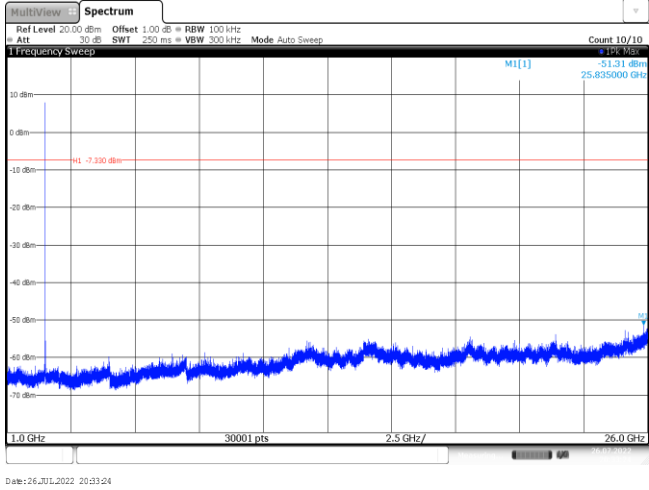


CH78
1GHz~26GHz



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

CH39 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] 12.74 dBm 2.4411500 GHz CF 2.441 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 26 JUL 2022 20:29:03
CH39 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] -60.69 dBm 473.1300 MHz H1 -7.190 dBm 30.0 MHz 30001 pts 97.0 MHz/ Span 1.0 GHz Date: 26 JUL 2022 20:29:19
CH39 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] -62.74 dBm 25.995833 GHz H1 -7.190 dBm 1.0 GHz 30001 pts 2.5 GHz/ Span 26.0 GHz Date: 26 JUL 2022 20:29:35

CH78 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] 12.67 dBm 2.4801500 GHz CF 2.48 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 26 JUL 2022 20:32:53
CH78 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] -59.04 dBm 594.1490 MHz 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 26 JUL 2022 20:33:09
CH78 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] -51.51 dBm 25.835000 GHz 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 26 JUL 2022 20:33:24

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