

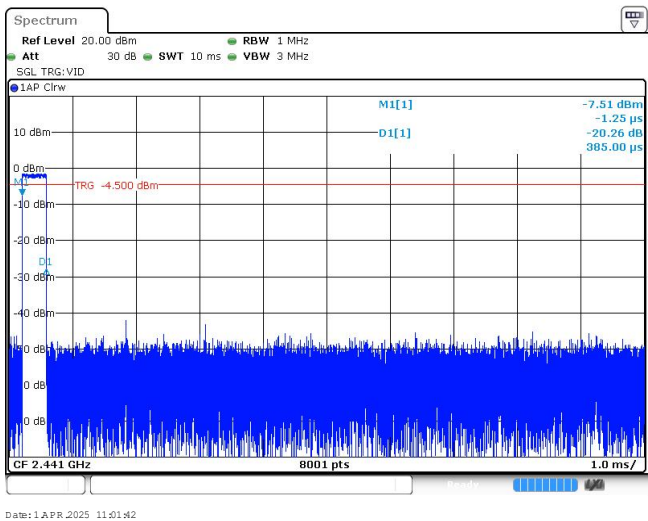
Appendix F: Dwell Time

Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.38	320.00	0.12	≤ 0.40	Pass
	DH3	1.64	169.00	0.28		
	DH5	2.89	96.00	0.28		
$\pi/4$ DQPSK	2DH1	0.39	321.00	0.13	≤ 0.40	Pass
	2DH3	1.64	163.00	0.27		
	2DH5	2.89	110.00	0.32		
8DPSK	3DH1	0.39	320.00	0.13	≤ 0.40	Pass
	3DH3	1.64	162.00	0.27		
	3DH5	2.90	115.00	0.33		

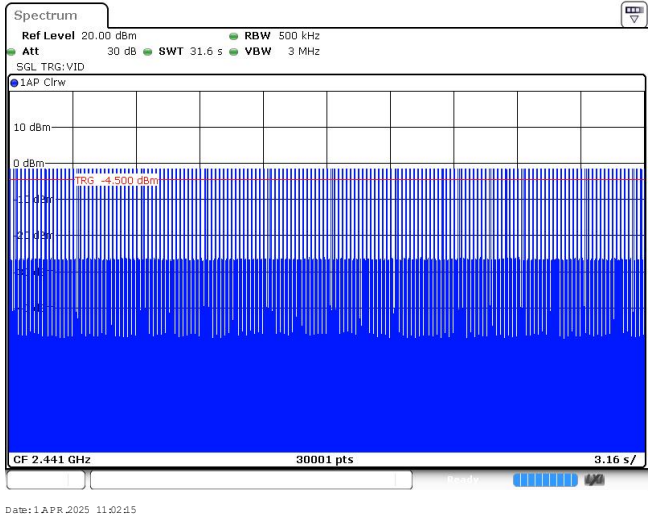
Modulation Type:

GFSK

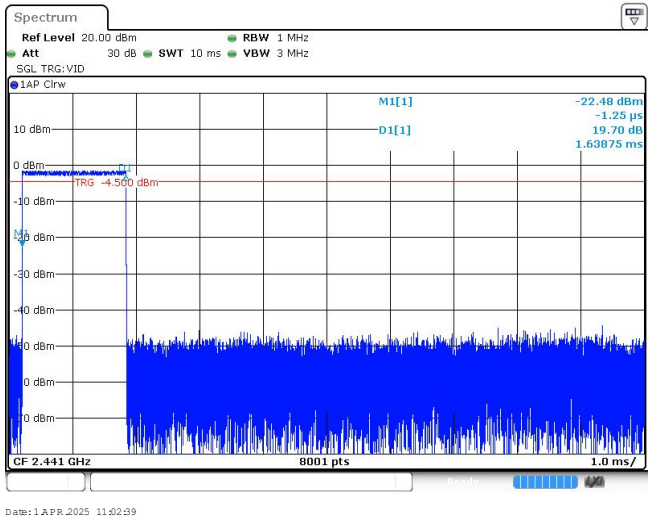
DH1
Burst width

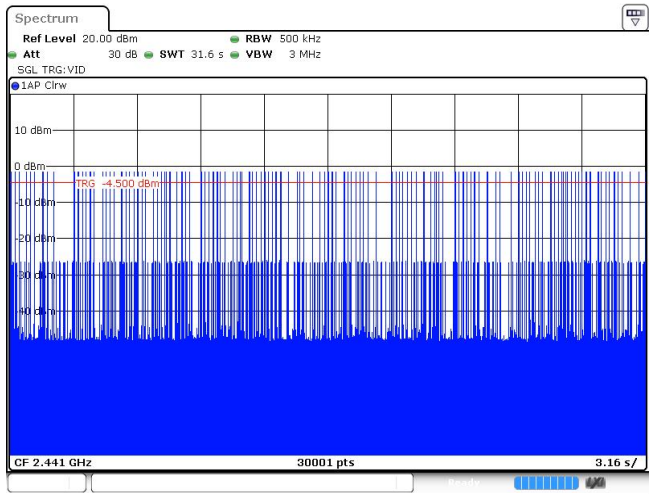
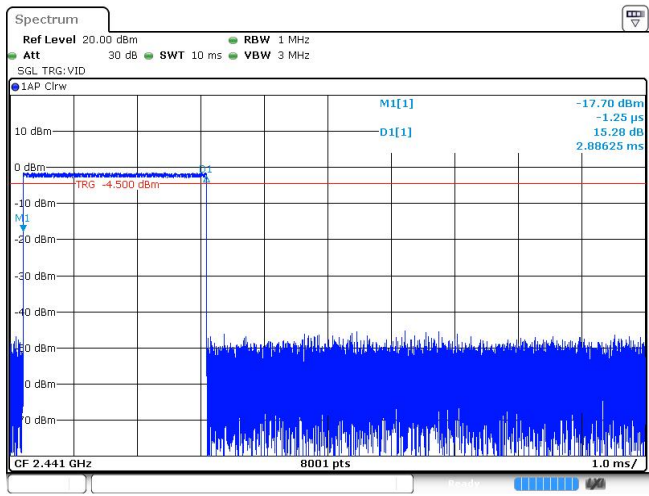
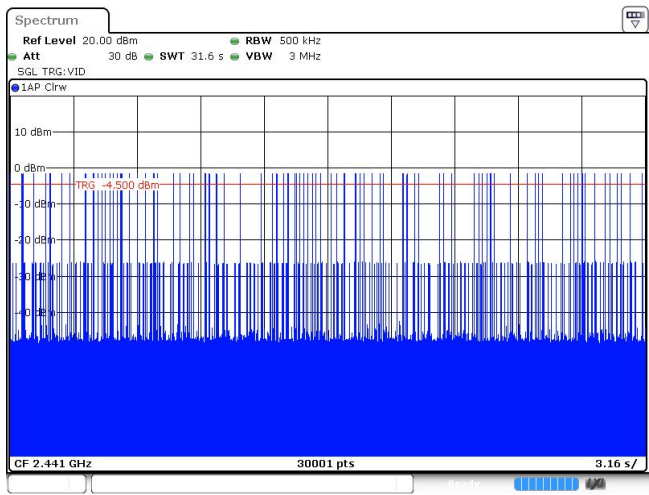


DH1
Burst number



DH3
Burst width

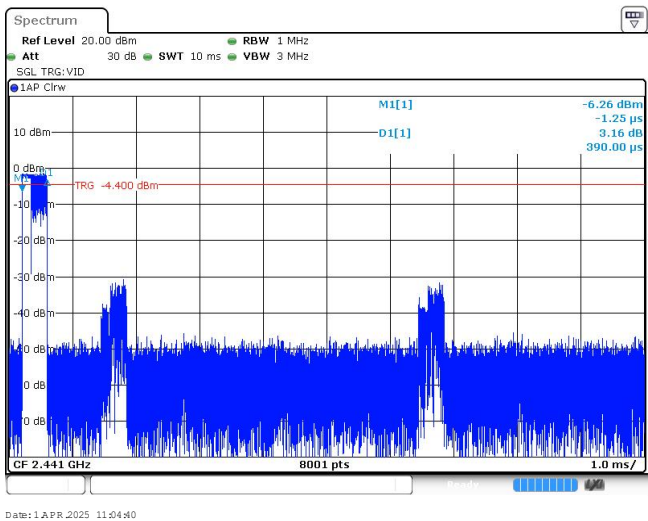


DH3 Burst number	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 3.16 s. The y-axis represents power in dBm, ranging from -40 to 10. A red trigger line is set at -4.500 dBm. The plot shows a dense signal with many peaks and valleys. Ref Level 20.00 dBm Att 30 dB RBW 500 kHz SWT 31.6 s VBW 3 MHz SGL TRG:VID 1AP Clrw CF 2.441 GHz 30001 pts 3.16 s/ Date: 1 APR 2025 11:03:12
DH5 Burst width	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 1.0 ms. The y-axis represents power in dBm, ranging from -40 to 10. A red trigger line is set at -4.500 dBm. The plot shows a signal with a burst width of 1.0 ms. The signal is labeled M1[1] and D1[1]. Ref Level 20.00 dBm Att 30 dB RBW 1 MHz SWT 10 ms VBW 3 MHz SGL TRG:VID 1AP Clrw CF 2.441 GHz 8001 pts 1.0 ms/ Date: 1 APR 2025 11:03:11
DH5 Burst number	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 3.16 s. The y-axis represents power in dBm, ranging from -40 to 10. A red trigger line is set at -4.500 dBm. The plot shows a dense signal with many peaks and valleys. Ref Level 20.00 dBm Att 30 dB RBW 500 kHz SWT 31.6 s VBW 3 MHz SGL TRG:VID 1AP Clrw CF 2.441 GHz 30001 pts 3.16 s/ Date: 1 APR 2025 11:04:14

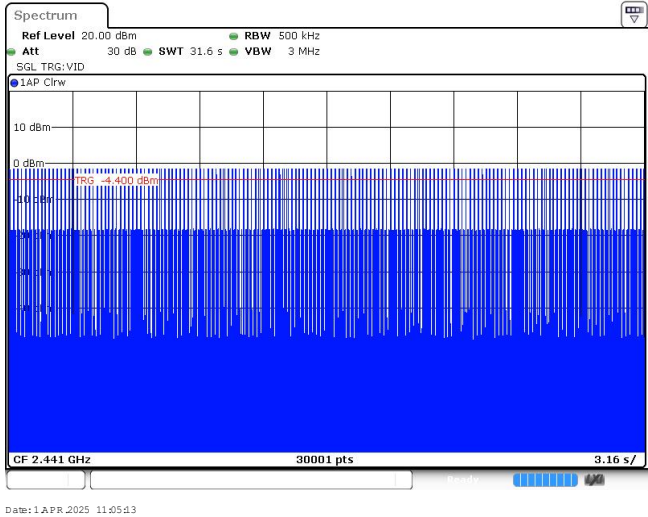
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$\pi/4$ DQPSK

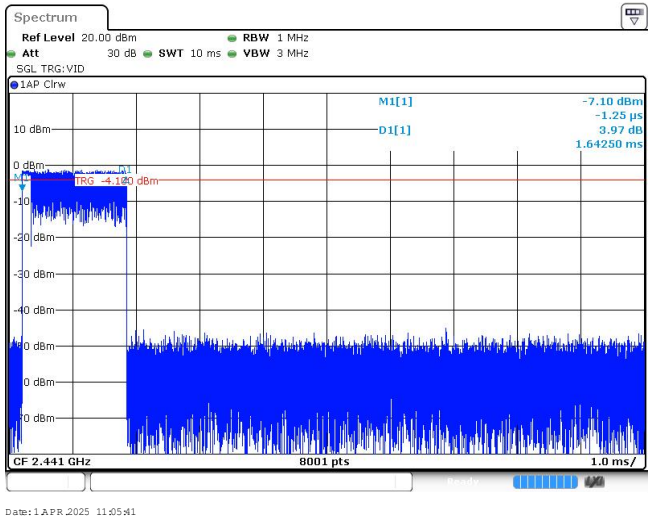
2DH1
Burst width

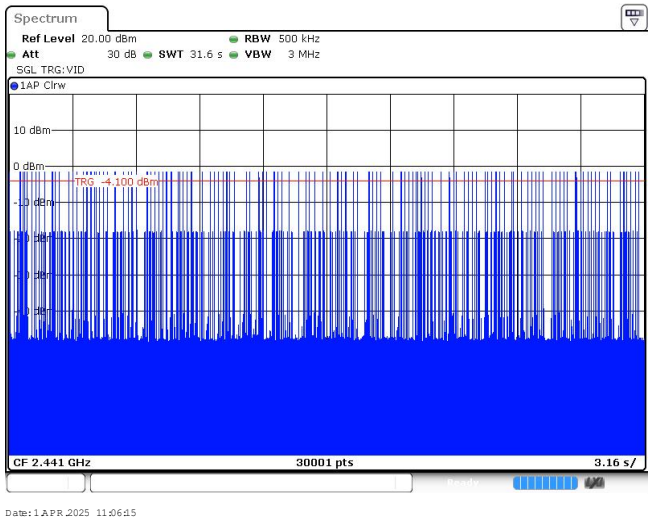
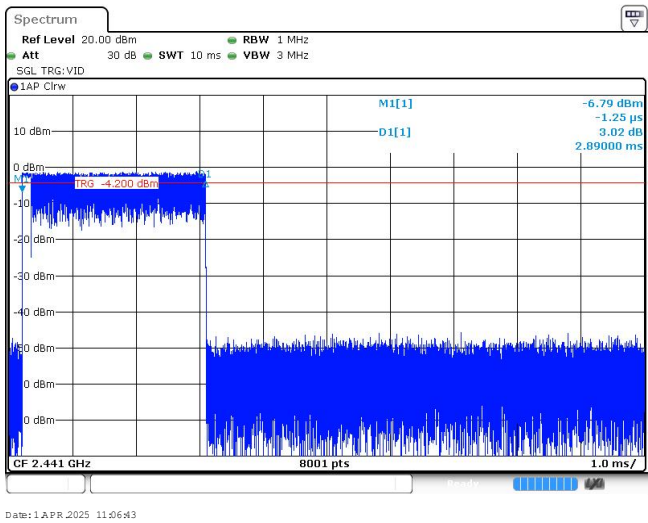
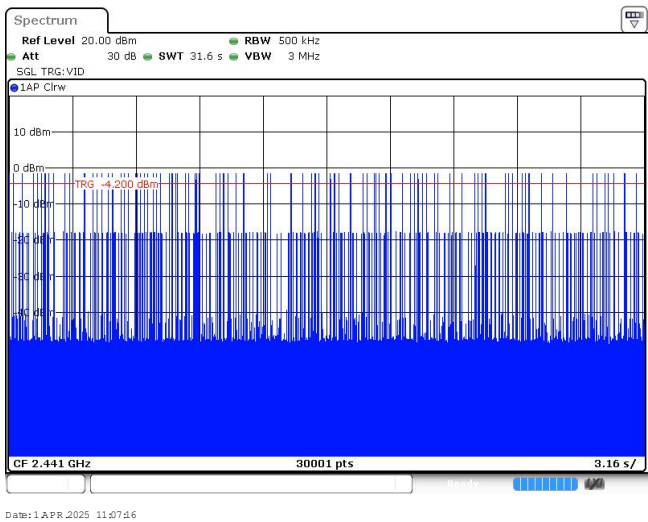


2DH1
Burst number



2DH3
Burst width

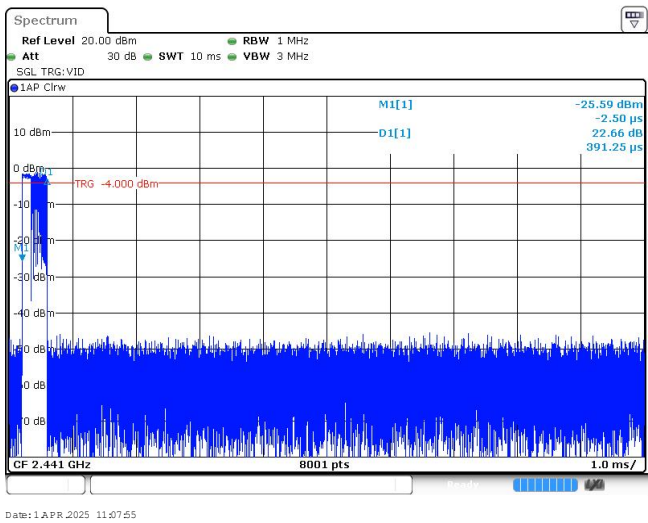


2DH3 Burst number	
2DH5 Burst width	
2DH5 Burst number	

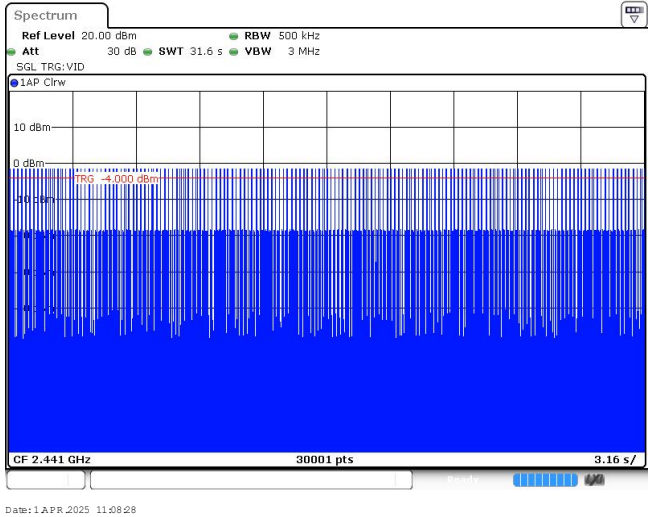
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8DPSK

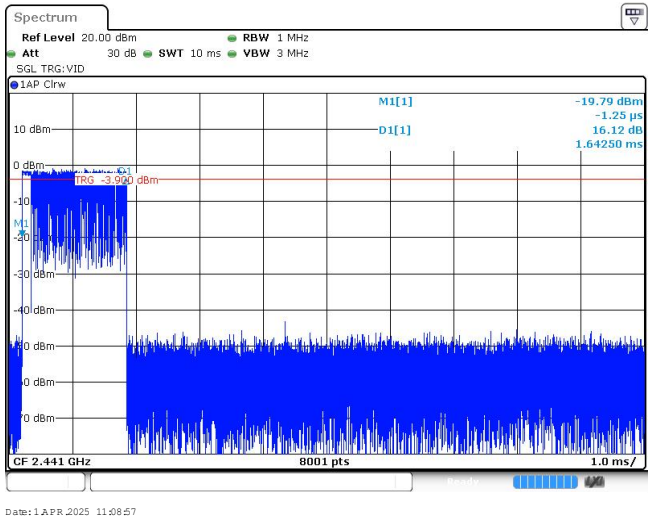
3DH1
Burst width

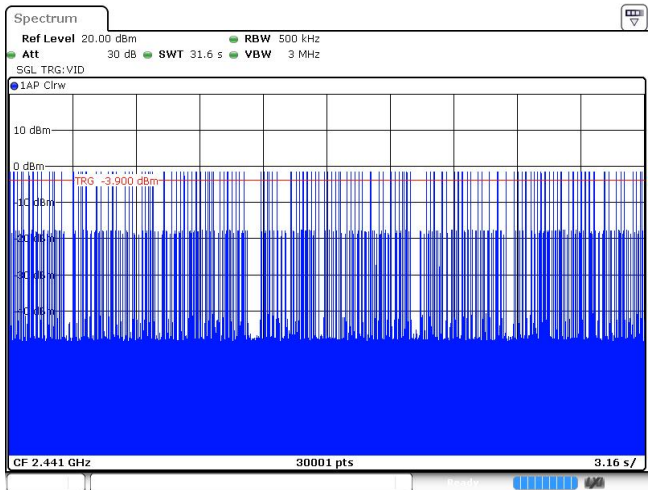
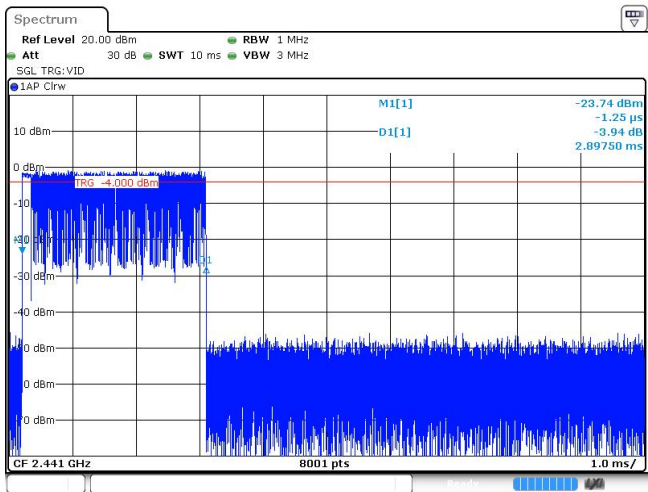
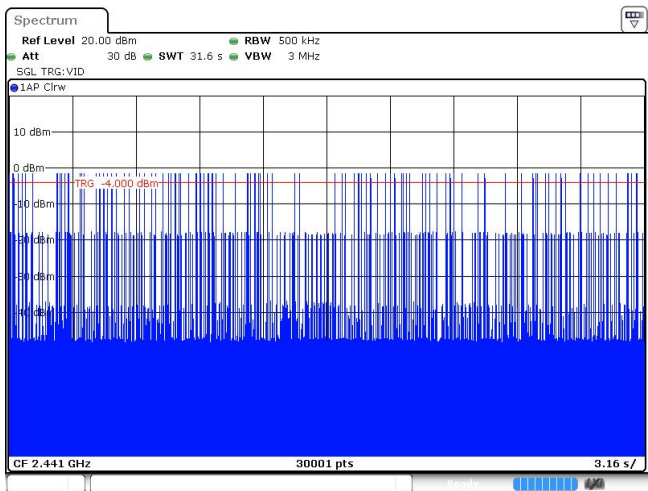


3DH1
Burst number



3DH3
Burst width



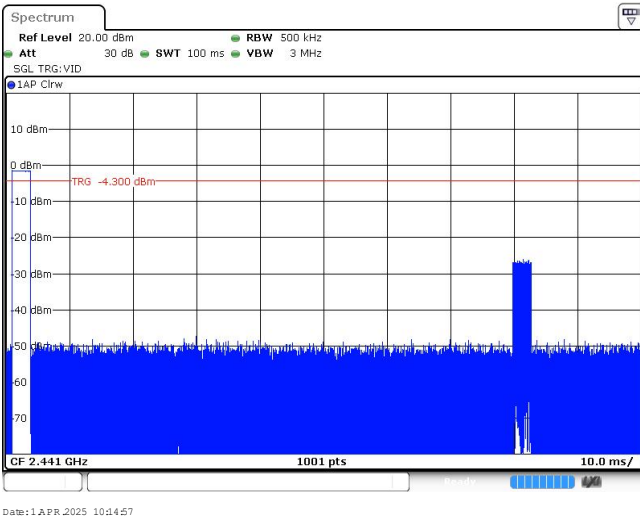
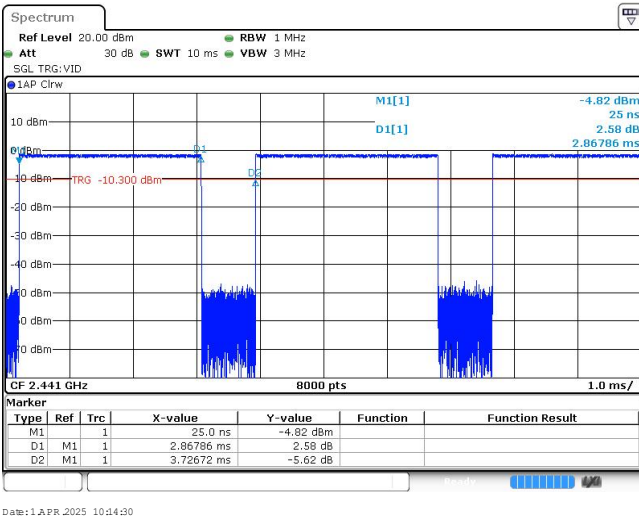
3DH3 Burst number	 Spectrum Ref Level 20.00 dBm Att 30 dB SWT 31.6 s RBW 500 kHz VBW 3 MHz SGL TRG:VID 1AP Clrw 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm -90 dBm -100 dBm CF 2.441 GHz 30001 pts 3.16 s/ Date: 1 APR 2025 11:09:50
3DH5 Burst width	 Spectrum Ref Level 20.00 dBm Att 30 dB SWT 10 ms RBW 1 MHz VBW 3 MHz SGL TRG:VID 1AP Clrw 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm -90 dBm -100 dBm CF 2.441 GHz 8001 pts 1.0 ms/ M1[1] -29.74 dBm D1[1] -1.25 μs -3.94 dB 2.89750 ms Date: 1 APR 2025 11:09:54
3DH5 Burst number	 Spectrum Ref Level 20.00 dBm Att 30 dB SWT 31.6 s RBW 500 kHz VBW 3 MHz SGL TRG:VID 1AP Clrw 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm -90 dBm -100 dBm CF 2.441 GHz 30001 pts 3.16 s/ Date: 1 APR 2025 11:10:27

Appendix G: Duty Cycle Correction Factor (DCCF)**DCCF Calculate Formula**

$$\text{DCCF} = 20 * \text{Log}(\text{duty cycle}) = 20 * \text{Log}(T_{\text{on time}} / T_{\text{period}})$$

Modulation type	Test Frequency (MHz)	T _{on time} for single burst [ms]	T _{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.87	100	1.00	-30.84
$\pi/4$ DQPSK	2441	2.87	100	1.00	-30.84
8DPSK	2441	2.88	100	1.00	-30.81

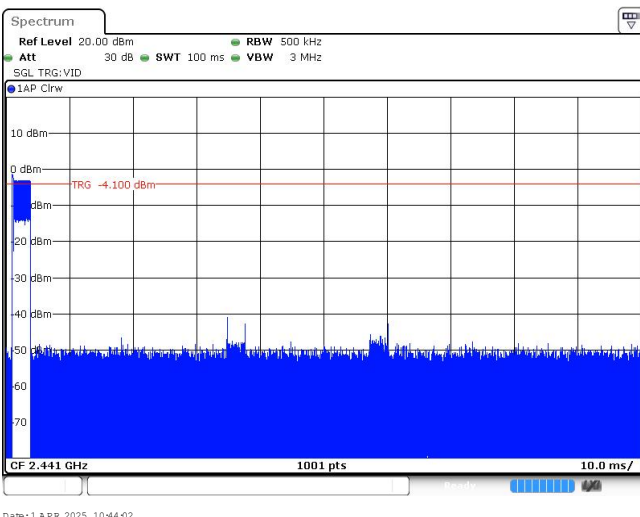
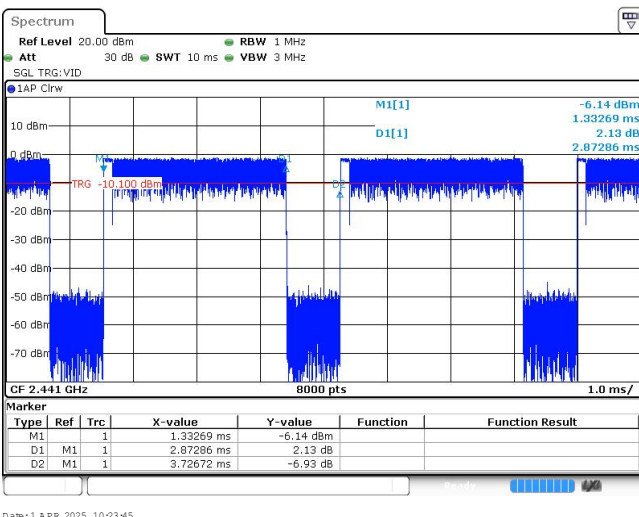
GFSK



Ton time for single burst

Burst Quantity

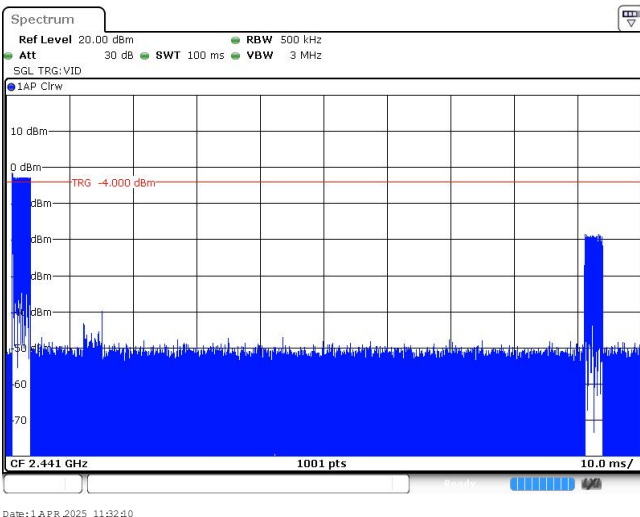
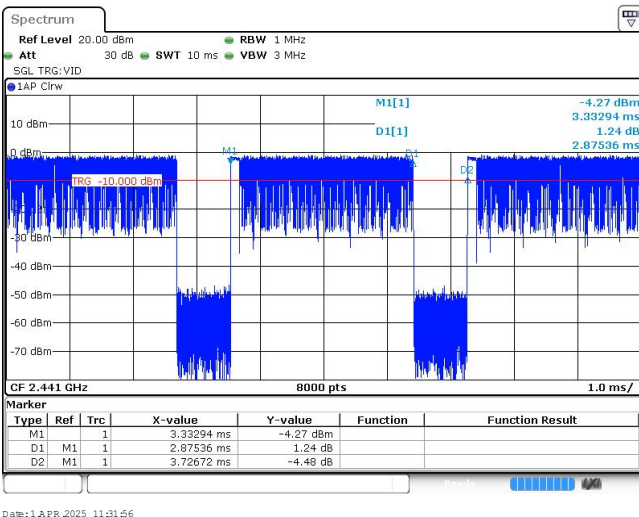
$\pi/4$ DQPSK



Ton time for single burst

Burst Quantity

8DPSK



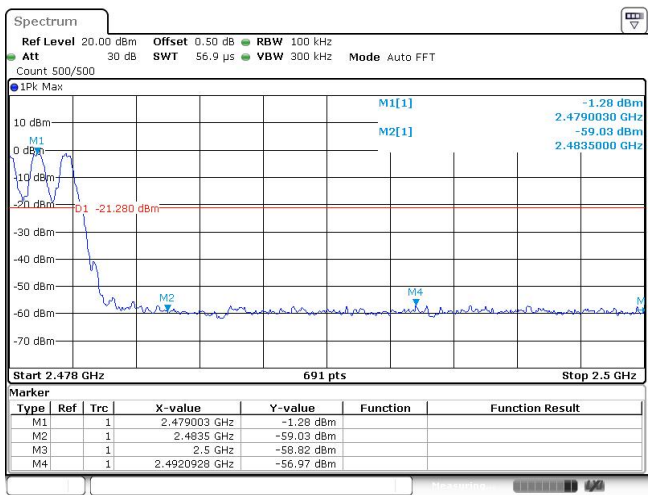
Ton time for single burst

Burst Quantity

Appendix H: Band edge and Spurious Emissions (conducted)

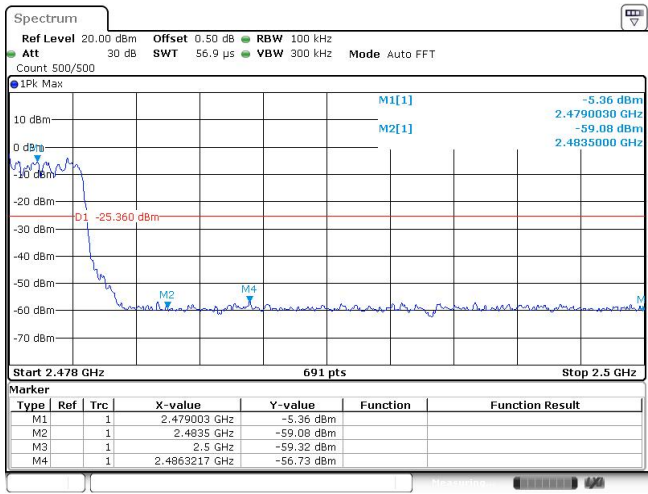
Test Item:	Band edge	Modulation type:	GFSK																																										
CH00 No hopping mode	Spectrum Ref Level 20.00 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 1.1 ms VBW 300 kHz RBW 100 kHz Mode Auto Sweep 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M3 M3 M2 -1.76 dBm -50.42 dBm -56.51 dBm -55.08 dBm -52.72 dBm 2.402040 GHz 2.400000 GHz 2.399999 GHz 2.399999 GHz 2.400000 GHz D1 -21.760 dBm Start 2.31 GHz 691 pts Stop 2.405 GHz Marker <table><thead><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></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.40204 GHz</td><td>-1.76 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-50.42 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-56.51 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-55.08 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.394674 GHz</td><td>-52.72 dBm</td><td></td><td></td></tr></tbody></table> Date: 1 APR 2025 10:11:06			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40204 GHz	-1.76 dBm			M2	1		2.4 GHz	-50.42 dBm			M3	1		2.39 GHz	-56.51 dBm			M4	1		2.31 GHz	-55.08 dBm			M5	1		2.394674 GHz	-52.72 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40204 GHz	-1.76 dBm																																									
M2	1		2.4 GHz	-50.42 dBm																																									
M3	1		2.39 GHz	-56.51 dBm																																									
M4	1		2.31 GHz	-55.08 dBm																																									
M5	1		2.394674 GHz	-52.72 dBm																																									
CH00 Hopping mode	Spectrum Ref Level 20.00 dBm Att 30 dB Count 500/500 Offset 0.50 dB SWT 1.1 ms VBW 300 kHz RBW 100 kHz Mode Auto Sweep 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M3 M3 M2 -2.25 dBm -52.15 dBm -54.89 dBm -54.74 dBm -54.09 dBm 2.403970 GHz 2.400000 GHz 2.399999 GHz 2.399999 GHz 2.400000 GHz D1 -22.250 dBm Start 2.31 GHz 691 pts Stop 2.405 GHz Marker <table><thead><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></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.40397 GHz</td><td>-2.25 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-52.15 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-54.89 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-54.74 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.369203 GHz</td><td>-54.09 dBm</td><td></td><td></td></tr></tbody></table> Date: 1 APR 2025 10:57:29			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40397 GHz	-2.25 dBm			M2	1		2.4 GHz	-52.15 dBm			M3	1		2.39 GHz	-54.89 dBm			M4	1		2.31 GHz	-54.74 dBm			M5	1		2.369203 GHz	-54.09 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40397 GHz	-2.25 dBm																																									
M2	1		2.4 GHz	-52.15 dBm																																									
M3	1		2.39 GHz	-54.89 dBm																																									
M4	1		2.31 GHz	-54.74 dBm																																									
M5	1		2.369203 GHz	-54.09 dBm																																									
CH78 No hopping mode	Spectrum Ref Level 20.00 dBm Att 30 dB Count 300/300 Offset 0.50 dB SWT 56.9 μs VBW 300 kHz RBW 100 kHz Mode Auto FFT 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M3 M3 M4 -0.46 dBm -57.77 dBm -59.09 dBm -57.41 dBm -57.41 dBm 2.4799580 GHz 2.4835000 GHz 2.4835000 GHz 2.4835000 GHz 2.4835000 GHz D1 -20.460 dBm Start 2.478 GHz 691 pts Stop 2.5 GHz Marker <table><thead><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></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.479958 GHz</td><td>-0.46 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-57.77 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-59.09 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4835159 GHz</td><td>-57.41 dBm</td><td></td><td></td></tr></tbody></table> Date: 1 APR 2025 10:17:26			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.479958 GHz	-0.46 dBm			M2	1		2.4835 GHz	-57.77 dBm			M3	1		2.5 GHz	-59.09 dBm			M4	1		2.4835159 GHz	-57.41 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.479958 GHz	-0.46 dBm																																									
M2	1		2.4835 GHz	-57.77 dBm																																									
M3	1		2.5 GHz	-59.09 dBm																																									
M4	1		2.4835159 GHz	-57.41 dBm																																									

CH78
Hopping mode



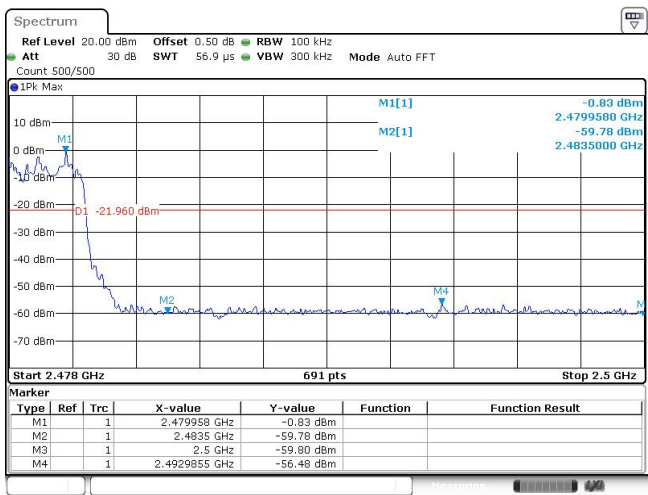
Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
CH00 No hopping mode	Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M3 M4 M5 -1.84 dBm 2.402040 GHz -50.60 dBm 2.400000 GHz -56.87 dBm -54.86 dBm -51.30 dBm D1 -21.840 dBm Start 2.31 GHz 691 pts Stop 2.405 GHz Marker <table><thead><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></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.40204 GHz</td><td>-1.84 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-50.60 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-56.87 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-54.86 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399768 GHz</td><td>-51.30 dBm</td><td></td><td></td></tr></tbody></table> Date: 1 APR.2025 10:19:21			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40204 GHz	-1.84 dBm			M2	1		2.4 GHz	-50.60 dBm			M3	1		2.39 GHz	-56.87 dBm			M4	1		2.31 GHz	-54.86 dBm			M5	1		2.399768 GHz	-51.30 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40204 GHz	-1.84 dBm																																									
M2	1		2.4 GHz	-50.60 dBm																																									
M3	1		2.39 GHz	-56.87 dBm																																									
M4	1		2.31 GHz	-54.86 dBm																																									
M5	1		2.399768 GHz	-51.30 dBm																																									
CH00 Hopping mode	Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M3 M4 M5 -1.78 dBm 2.404930 GHz -54.92 dBm 2.400000 GHz -54.54 dBm -55.86 dBm -53.77 dBm D1 -21.780 dBm Start 2.31 GHz 691 pts Stop 2.405 GHz Marker <table><thead><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></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.40493 GHz</td><td>-1.78 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-54.92 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-54.54 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-55.86 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.317986 GHz</td><td>-53.77 dBm</td><td></td><td></td></tr></tbody></table> Date: 1 APR.2025 10:58:57			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40493 GHz	-1.78 dBm			M2	1		2.4 GHz	-54.92 dBm			M3	1		2.39 GHz	-54.54 dBm			M4	1		2.31 GHz	-55.86 dBm			M5	1		2.317986 GHz	-53.77 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40493 GHz	-1.78 dBm																																									
M2	1		2.4 GHz	-54.92 dBm																																									
M3	1		2.39 GHz	-54.54 dBm																																									
M4	1		2.31 GHz	-55.86 dBm																																									
M5	1		2.317986 GHz	-53.77 dBm																																									
CH78 No hopping mode	Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 56.9 μs VBW 300 kHz Mode Auto FFT Count 500/500 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M3 M4 -0.49 dBm 2.4799900 GHz -59.24 dBm 2.4835000 GHz -59.06 dBm -57.38 dBm D1 -20.490 dBm Start 2.478 GHz 691 pts Stop 2.5 GHz Marker <table><thead><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></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.47999 GHz</td><td>-0.49 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-59.24 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-59.06 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4999362 GHz</td><td>-57.38 dBm</td><td></td><td></td></tr></tbody></table> Date: 1 APR.2025 10:47:52			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.47999 GHz	-0.49 dBm			M2	1		2.4835 GHz	-59.24 dBm			M3	1		2.5 GHz	-59.06 dBm			M4	1		2.4999362 GHz	-57.38 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.47999 GHz	-0.49 dBm																																									
M2	1		2.4835 GHz	-59.24 dBm																																									
M3	1		2.5 GHz	-59.06 dBm																																									
M4	1		2.4999362 GHz	-57.38 dBm																																									

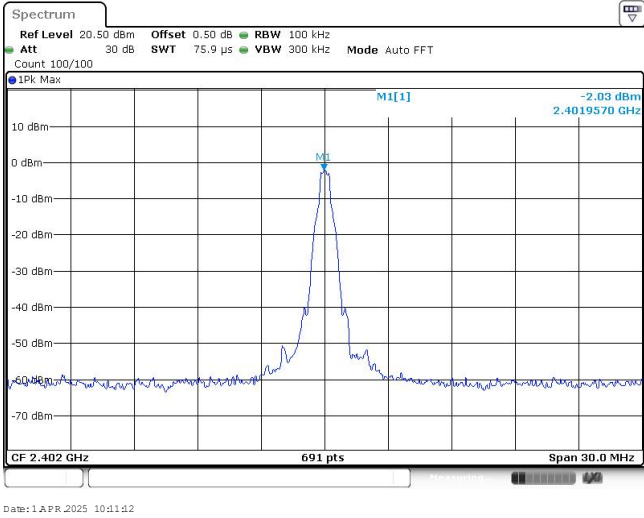
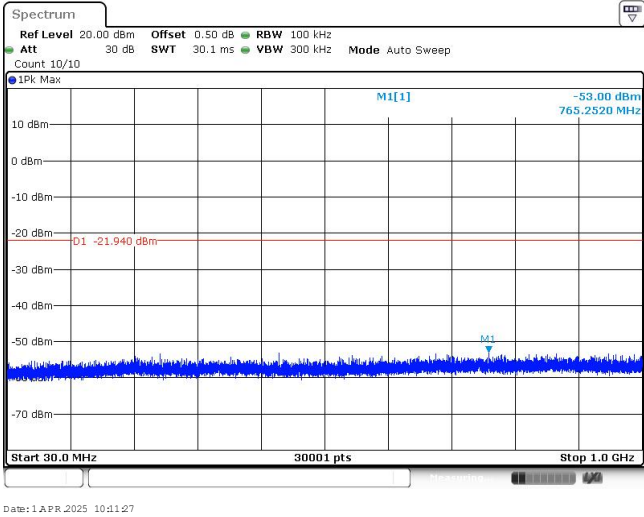
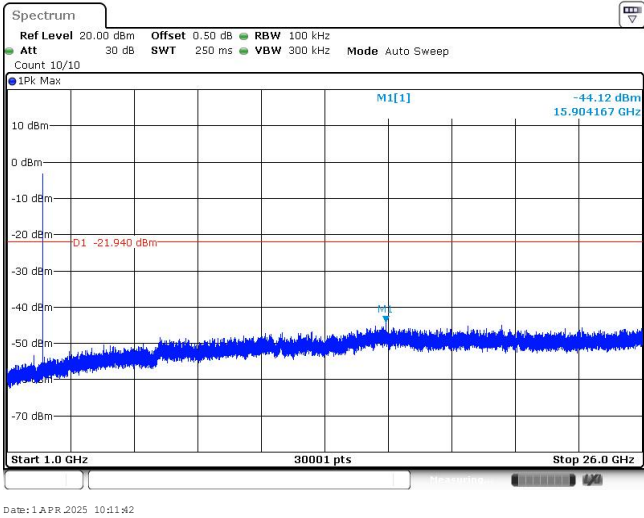
CH78
Hopping mode

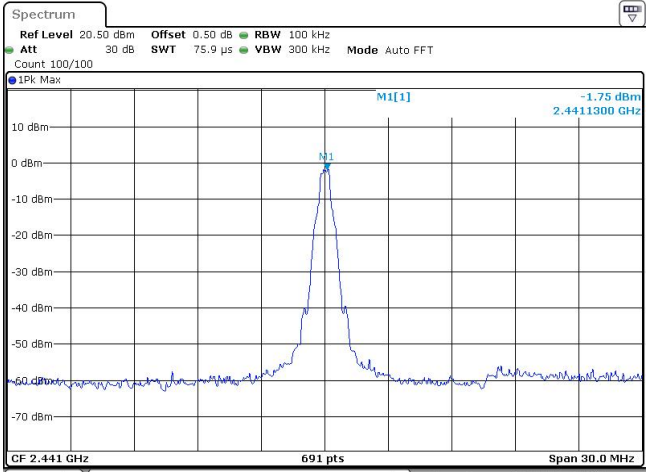
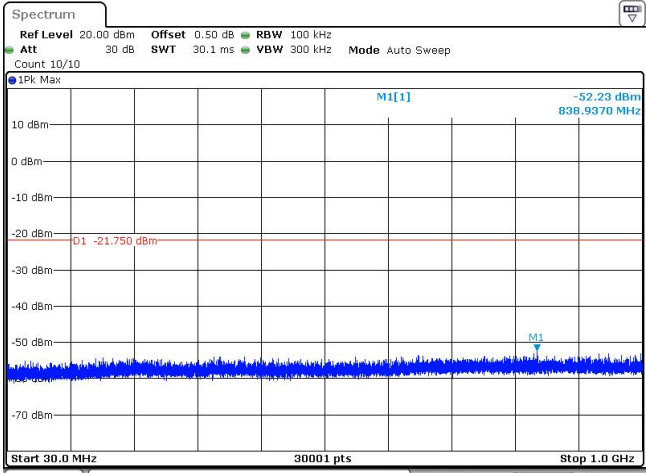
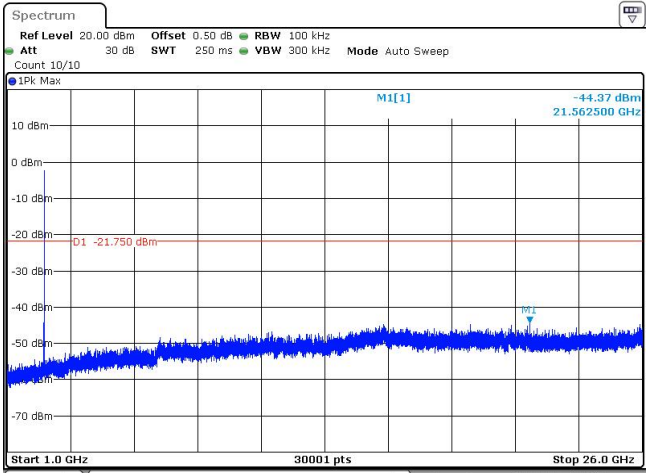


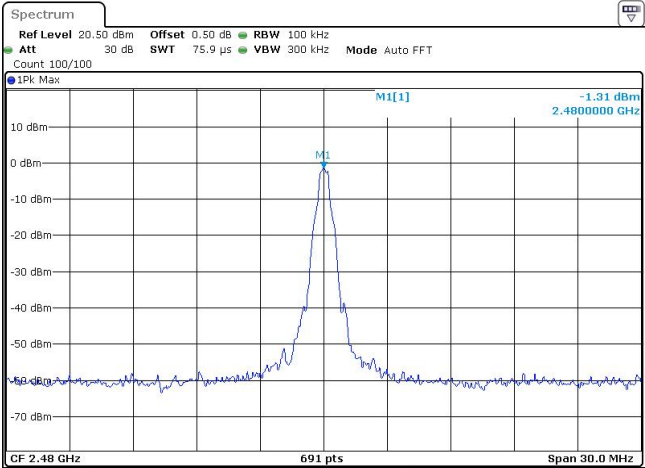
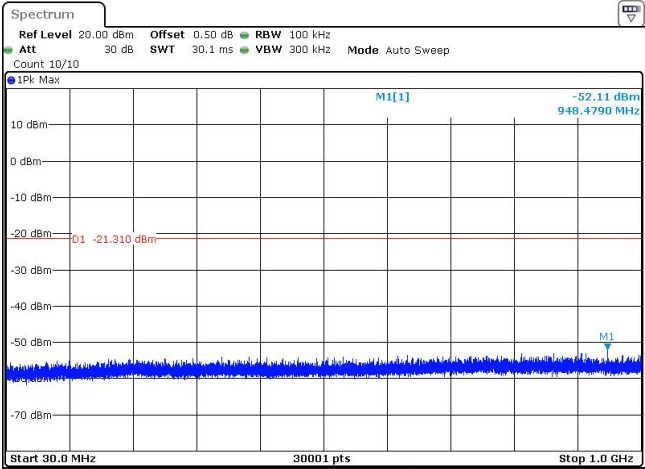
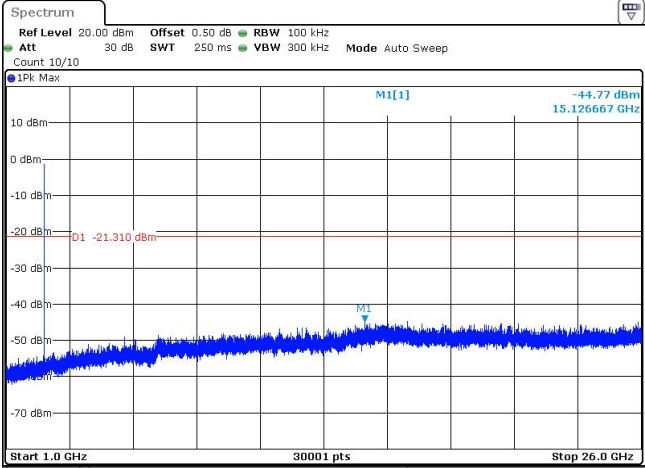
Test Item:	Band edge	Modulation type:	8DPSK																																										
CH00 No hopping mode	Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M3 M4 -1.86 dBm -50.19 dBm -56.07 dBm -55.79 dBm 2.402040 GHz 2.400000 GHz 2.399906 GHz D1 -21.860 dBm Start 2.31 GHz 691 pts Stop 2.405 GHz Marker <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>2.40204 GHz</td><td>-1.86 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-50.19 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-56.07 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-55.79 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399906 GHz</td><td>-51.16 dBm</td><td></td><td></td></tr></table> Date: 1 APR.2025 10:49:46			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40204 GHz	-1.86 dBm			M2	1		2.4 GHz	-50.19 dBm			M3	1		2.39 GHz	-56.07 dBm			M4	1		2.31 GHz	-55.79 dBm			M5	1		2.399906 GHz	-51.16 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40204 GHz	-1.86 dBm																																									
M2	1		2.4 GHz	-50.19 dBm																																									
M3	1		2.39 GHz	-56.07 dBm																																									
M4	1		2.31 GHz	-55.79 dBm																																									
M5	1		2.399906 GHz	-51.16 dBm																																									
CH00 Hopping mode	Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M3 M4 M5 -2.47 dBm -50.87 dBm -56.13 dBm -55.59 dBm -53.30 dBm 2.403010 GHz 2.400000 GHz 2.399906 GHz 2.335333 GHz D1 -22.470 dBm Start 2.31 GHz 691 pts Stop 2.405 GHz Marker <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>2.40301 GHz</td><td>-2.47 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-50.87 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-56.13 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-55.59 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.335333 GHz</td><td>-53.30 dBm</td><td></td><td></td></tr></table> Date: 1 APR.2025 11:00:44			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40301 GHz	-2.47 dBm			M2	1		2.4 GHz	-50.87 dBm			M3	1		2.39 GHz	-56.13 dBm			M4	1		2.31 GHz	-55.59 dBm			M5	1		2.335333 GHz	-53.30 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40301 GHz	-2.47 dBm																																									
M2	1		2.4 GHz	-50.87 dBm																																									
M3	1		2.39 GHz	-56.13 dBm																																									
M4	1		2.31 GHz	-55.59 dBm																																									
M5	1		2.335333 GHz	-53.30 dBm																																									
CH78 No hopping mode	Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 56.9 μs VBW 300 kHz Mode Auto FFT Count 500/500 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M3 M4 -0.53 dBm -59.01 dBm -60.10 dBm -57.63 dBm 2.4799990 GHz 2.4835000 GHz 2.4919333 GHz D1 -20.530 dBm Start 2.478 GHz 691 pts Stop 2.5 GHz Marker <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>2.47999 GHz</td><td>-0.53 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-59.01 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-60.10 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4919333 GHz</td><td>-57.63 dBm</td><td></td><td></td></tr></table> Date: 1 APR.2025 10:55:23			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.47999 GHz	-0.53 dBm			M2	1		2.4835 GHz	-59.01 dBm			M3	1		2.5 GHz	-60.10 dBm			M4	1		2.4919333 GHz	-57.63 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.47999 GHz	-0.53 dBm																																									
M2	1		2.4835 GHz	-59.01 dBm																																									
M3	1		2.5 GHz	-60.10 dBm																																									
M4	1		2.4919333 GHz	-57.63 dBm																																									

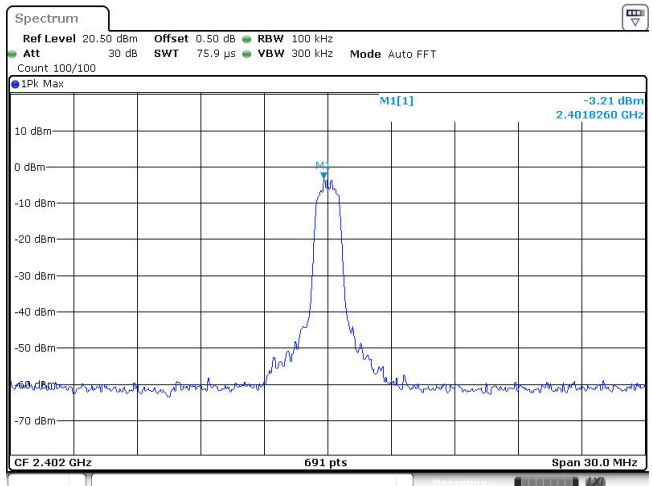
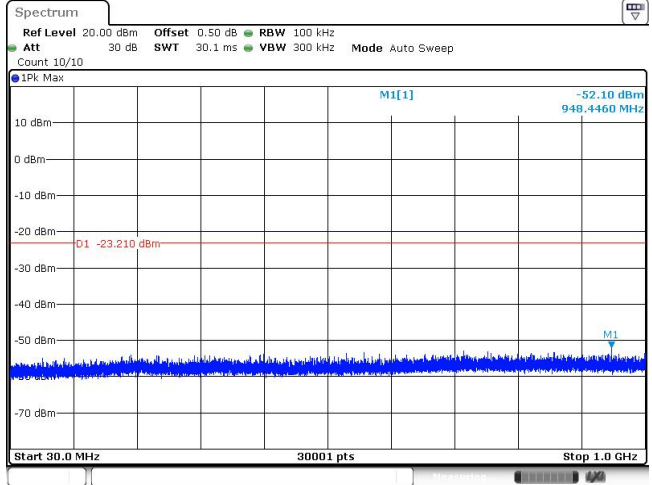
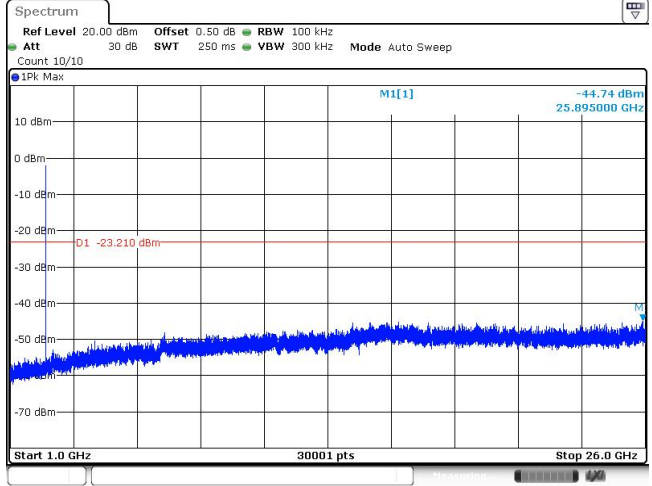
CH78
Hoppig mode

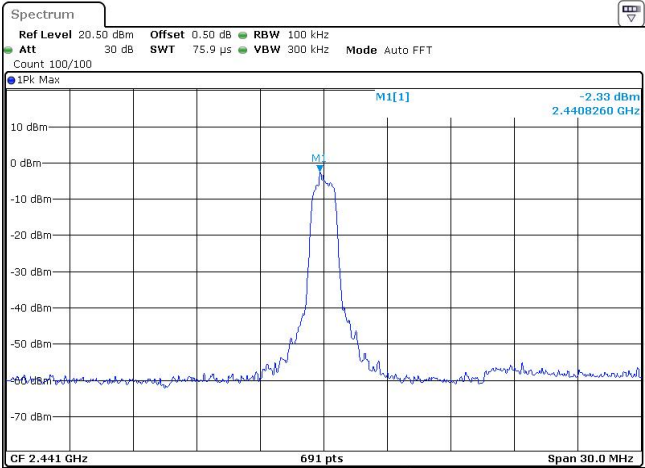
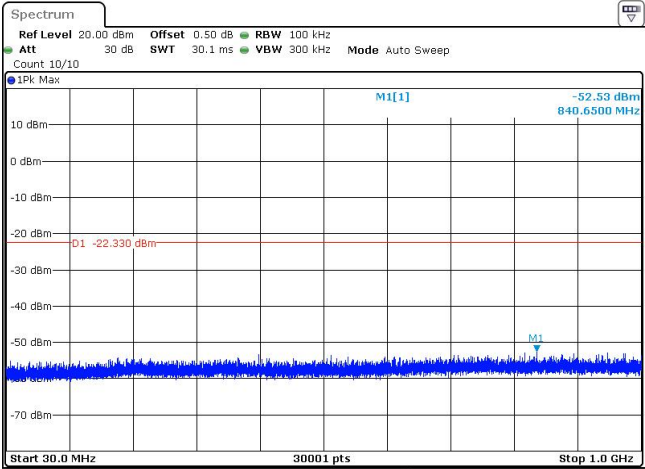
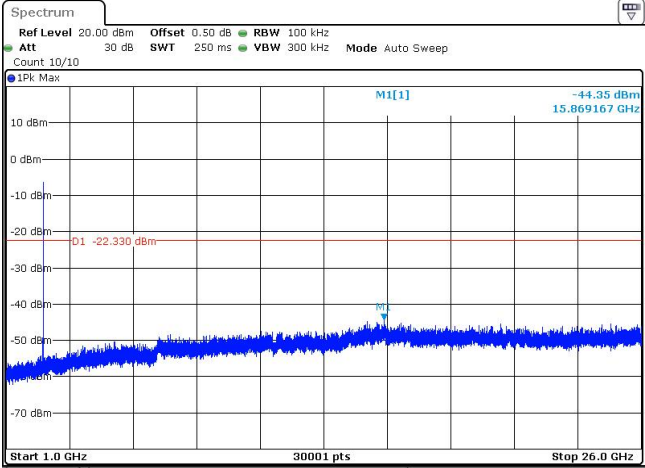


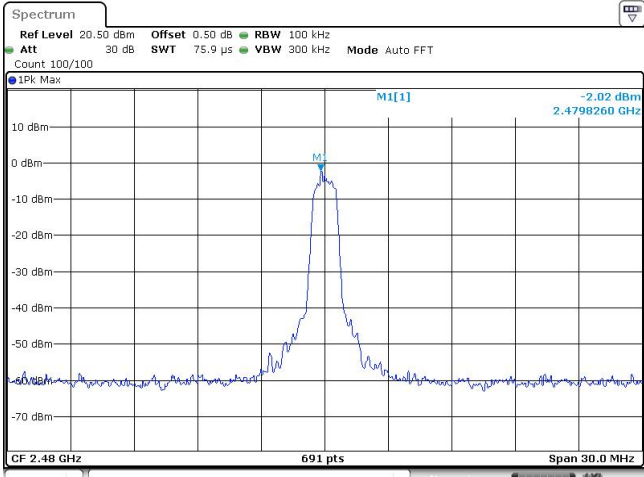
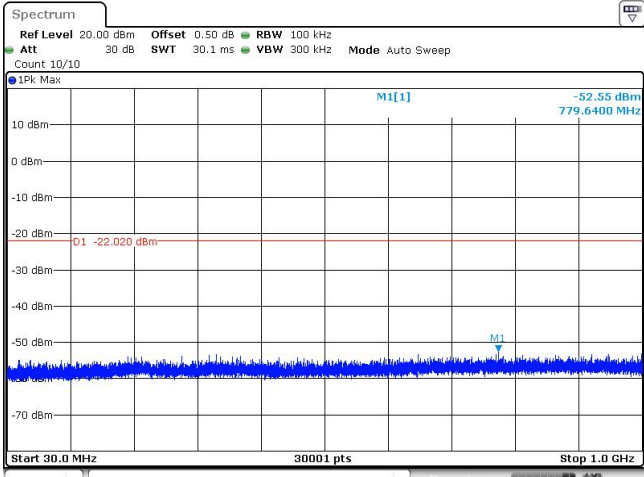
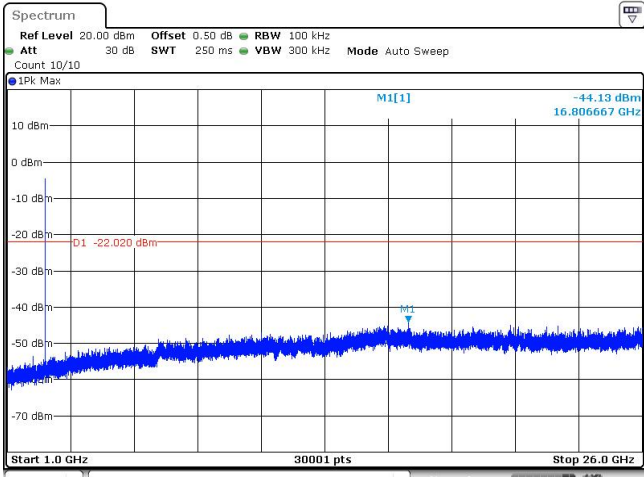
Test Item:	Spurious Emission	Modulation type:	GFSK
CH00 Reference level			
CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

CH39 Reference level	 1 APR 2025 10:15:33
CH39 30MHz~1000MHz	 1 APR 2025 10:15:48
CH39 1GHz~26GHz	 1 APR 2025 10:16:03

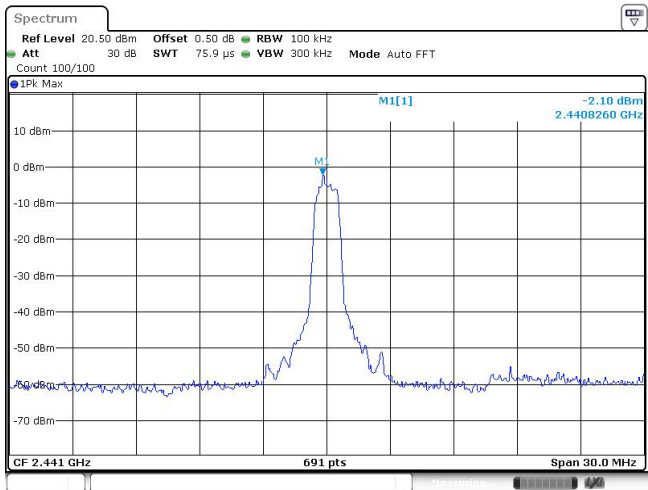
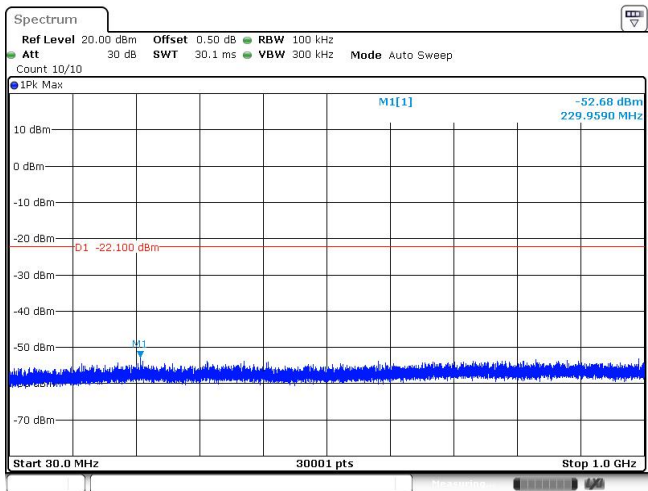
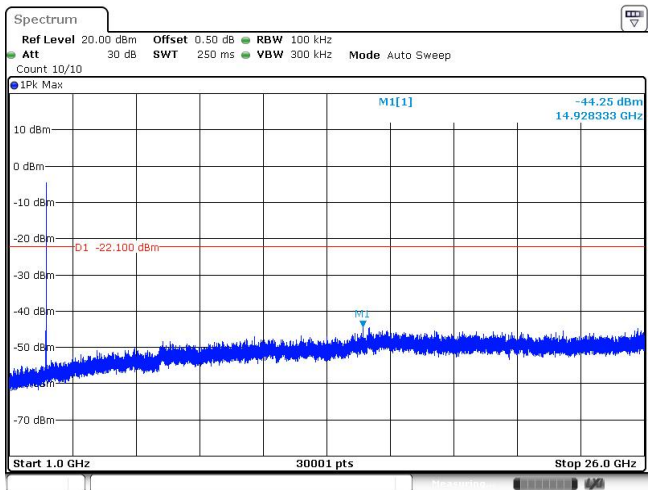
CH78 Reference level	 CF 2.48 GHz 691 pts Span 30.0 MHz Date: 1 APR 2025 10:17:32
CH78 30MHz~1000MHz	 Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 1 APR 2025 10:17:46
CH78 1GHz~26GHz	 Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 1 APR 2025 10:18:02

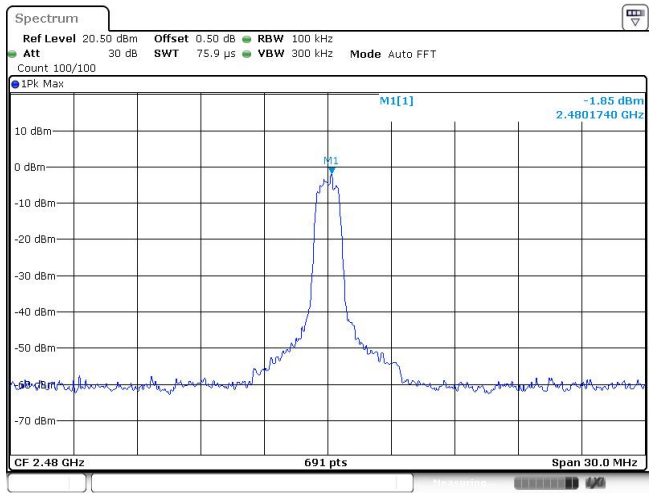
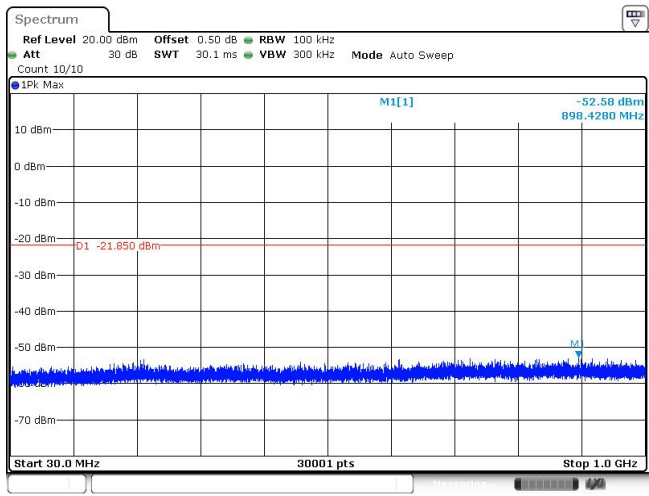
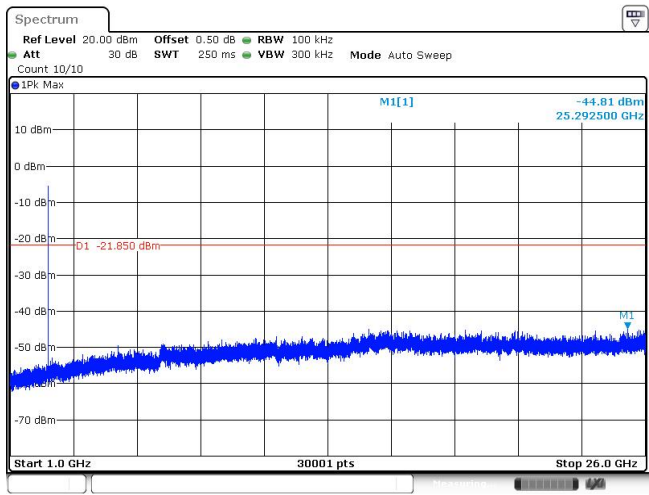
Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
CH00 Reference level	 Date: 1 APR 2025 10:19:27		
CH00 30MHz~1000MHz	 Date: 1 APR 2025 10:19:42		
CH00 1GHz~26GHz	 Date: 1 APR 2025 10:19:57		

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

CH78 Reference level	 Date: 1 APR. 2025 10:47:58
CH78 30MHz~1000MHz	 Date: 1 APR. 2025 10:48:13
CH78 1GHz~26GHz	 Date: 1 APR. 2025 10:48:28

Test Item:	Spurious Emission	Modulation type:	8DPSK
CH00 Reference level	Spectrum Ref Level 20.50 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 100/100 1Pk Max M1[1] -9.03 dBm 2.4018260 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.402 GHz 691 pts Span 30.0 MHz Date: 1 APR.2025 10:49:52		
CH00 30MHz~1000MHz	Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1Pk Max M1[1] -51.94 dBm 948.3170 MHz -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm D1 -23.030 dBm M1 Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 1 APR.2025 10:50:07		
CH00 1GHz~26GHz	Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1Pk Max M1[1] -44.60 dBm 15.893333 GHz -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm D1 -23.030 dBm M1 Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 1 APR.2025 10:50:22		

CH39 Reference level	 The spectrum plot shows a single sharp peak at 2.441 GHz. The y-axis represents power in dBm, ranging from -70 to 10. The x-axis represents frequency in GHz, with a span of 30.0 MHz. The peak is labeled M1[1] and has a value of -2.10 dBm at 2.4408260 GHz. The plot includes settings: Ref Level 20.50 dBm, Att 30 dB, Offset 0.50 dB, RBW 100 kHz, SWT 75.9 μs, VBW 300 kHz, Mode Auto FFT, Count 100/100, and 691 pts.
CH39 30MHz~1000MHz	 The spectrum plot shows a wideband noise floor from 30.0 MHz to 1.0 GHz. The y-axis ranges from -70 to 10 dBm. The x-axis ranges from 30.0 MHz to 1.0 GHz with 30001 pts. A horizontal red line indicates a level of -22.100 dBm. The peak is labeled M1[1] with a value of -52.68 dBm at 229.9590 MHz. Settings: Ref Level 20.00 dBm, Att 30 dB, Offset 0.50 dB, RBW 100 kHz, SWT 30.1 ms, VBW 300 kHz, Mode Auto Sweep, Count 10/10.
CH39 1GHz~26GHz	 The spectrum plot shows a wideband noise floor from 1.0 GHz to 26.0 GHz. The y-axis ranges from -70 to 10 dBm. The x-axis ranges from 1.0 GHz to 26.0 GHz with 30001 pts. A horizontal red line indicates a level of -22.100 dBm. The peak is labeled M1[1] with a value of -44.25 dBm at 14.928339 GHz. Settings: Ref Level 20.00 dBm, Att 30 dB, Offset 0.50 dB, RBW 100 kHz, SWT 250 ms, VBW 300 kHz, Mode Auto Sweep, Count 10/10.

CH78 Reference level	
CH78 30MHz~1000MHz	
CH78 1GHz~26GHz	

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