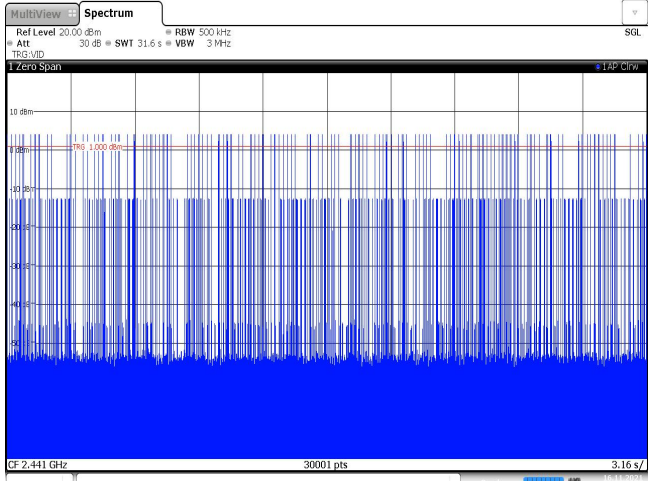
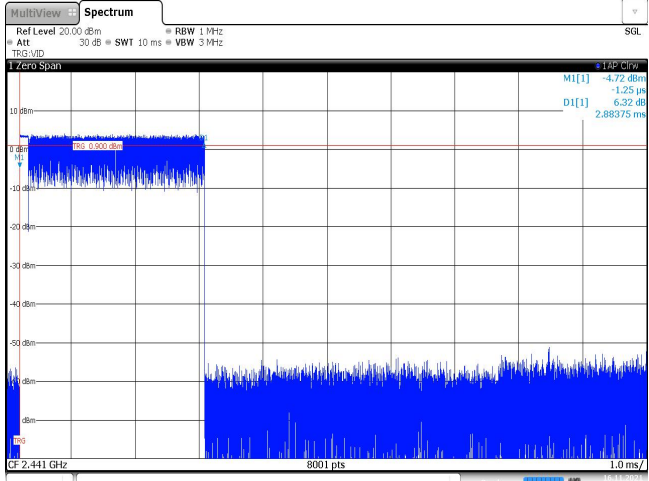
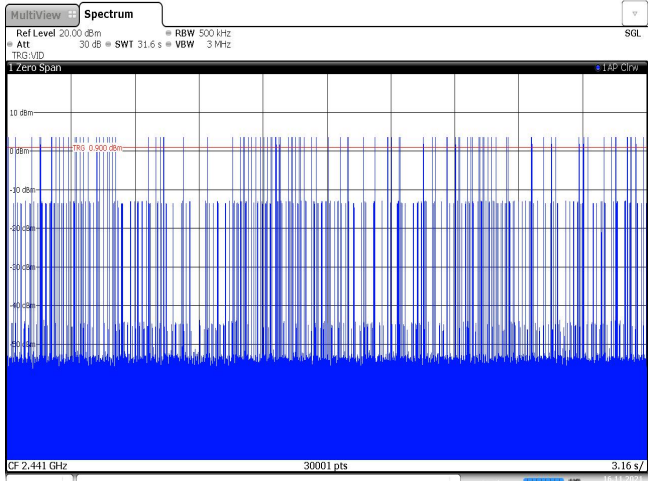
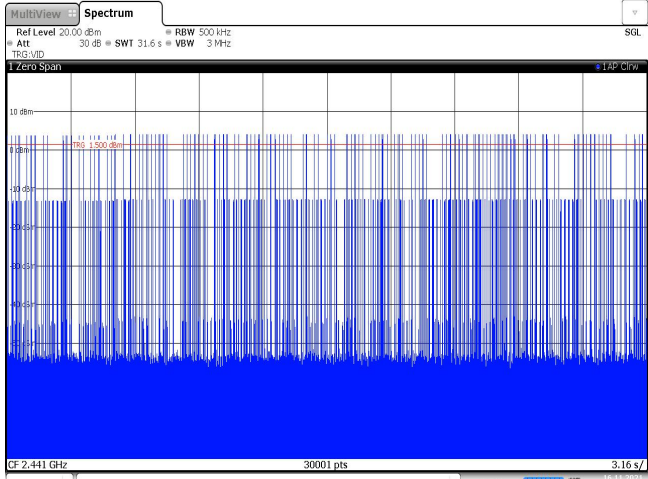
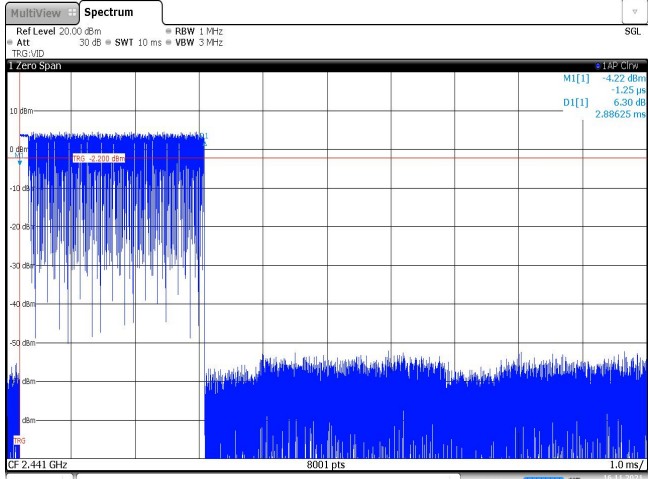
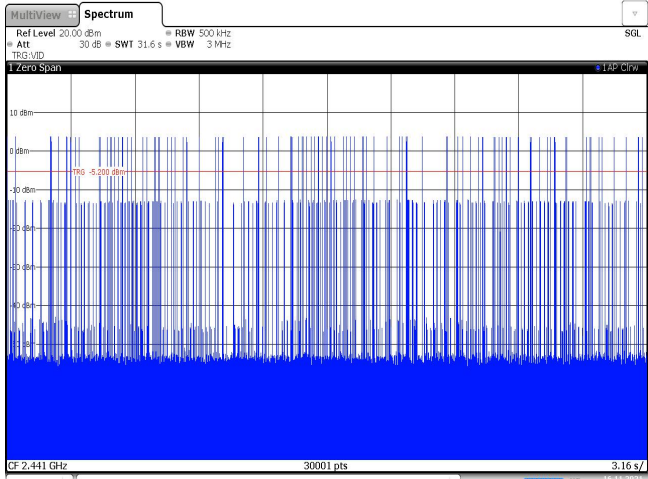


2DH3 Burst number	 The spectrum plot shows a dense signal across the frequency range from 2.441 GHz to 3.165 GHz. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents frequency in GHz. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, RBW 500 Hz, VSW 3 MHz, and TRG VID. The signal is centered around 2.441 GHz.
2DH5 Burst width	 The spectrum plot shows a signal burst between 2.441 GHz and 2.442 GHz. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents frequency in GHz. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, RBW 1 MHz, VSW 3 MHz, and TRG VID. The signal is centered around 2.441 GHz. The plot also shows a time span of 1.0 ms and a frequency span of 8001 pts.
2DH5 Burst number	 The spectrum plot shows a dense signal across the frequency range from 2.441 GHz to 3.165 GHz. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents frequency in GHz. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, RBW 500 Hz, VSW 3 MHz, and TRG VID. The signal is centered around 2.441 GHz.

Appendix report page: 23 of 41

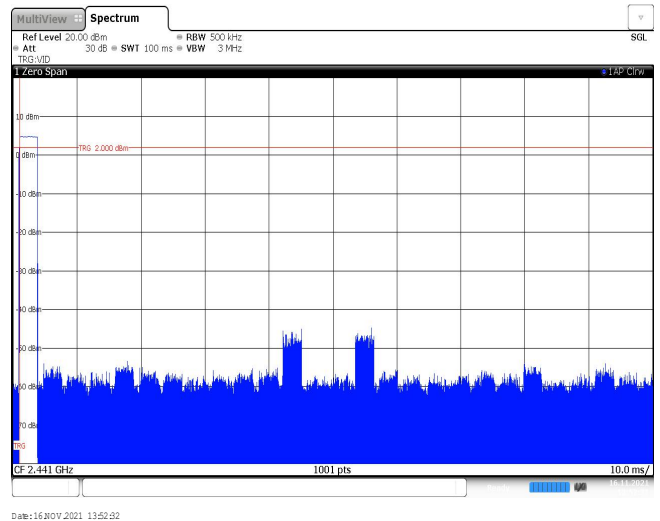
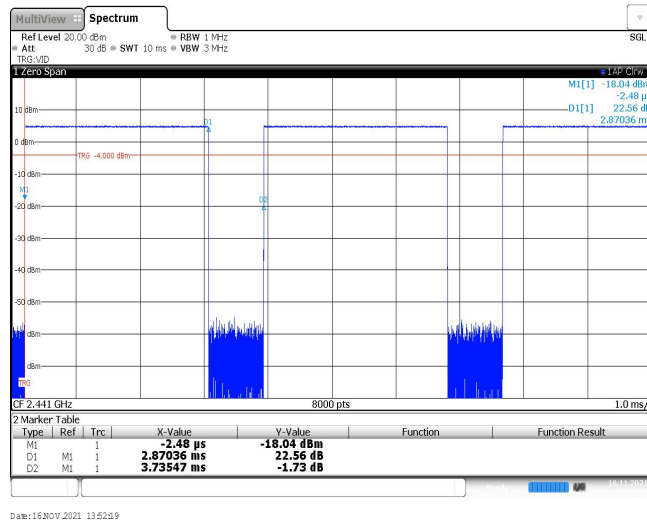
3DH3 Burst number	 The spectrum plot shows a dense burst of energy across the frequency range from 2.441 GHz to 3.165 GHz. The y-axis represents power in dBm, ranging from -50 to 10. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, RBW 500 Hz, and VSW 3 MHz. The x-axis is labeled 'CF 2.441 GHz' and '30001 pts'. The date is 16 NOV 2021 16:08:24.
3DH5 Burst width	 The spectrum plot shows a burst of energy between 2.441 GHz and 2.500 GHz, with a power level around -10 dBm. The y-axis ranges from -50 to 10 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, RBW 1 MHz, and VSW 3 MHz. The x-axis is labeled 'CF 2.441 GHz' and '8001 pts'. The date is 16 NOV 2021 15:00:22.
3DH5 Burst number	 The spectrum plot shows a dense burst of energy across the frequency range from 2.441 GHz to 3.165 GHz, similar to the 3DH3 plot. The y-axis ranges from -50 to 10 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, RBW 500 Hz, and VSW 3 MHz. The x-axis is labeled 'CF 2.441 GHz' and '30001 pts'. The date is 16 NOV 2021 15:01:07.

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

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

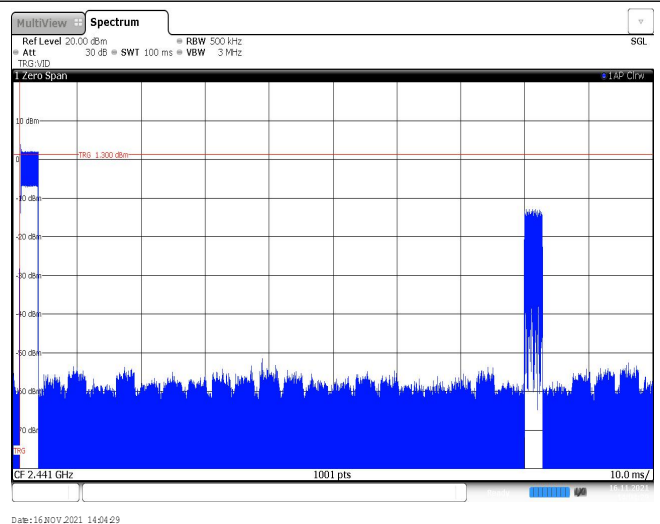
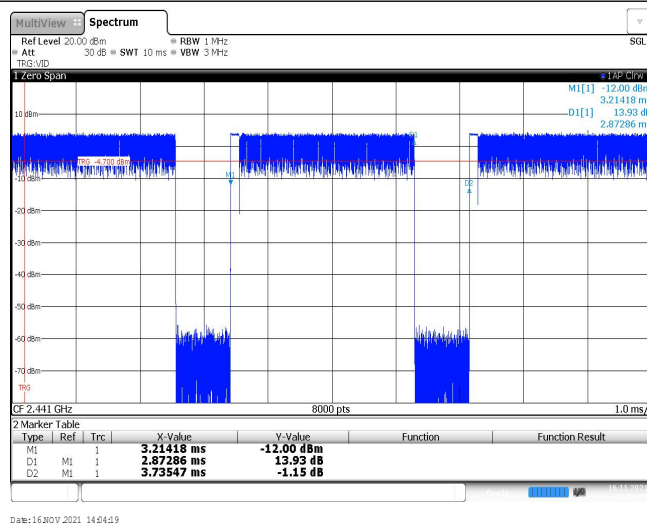
Modulation type	Test Frequency (MHz)	T _{on time} for single burst [ms]	T _{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.87	100	1	-30.84
$\pi/4$ DQPSK	2441	2.87	100	2	-24.82
8DPSK	2441	2.87	100	1	-30.84

GFSK



Ton time for single burst

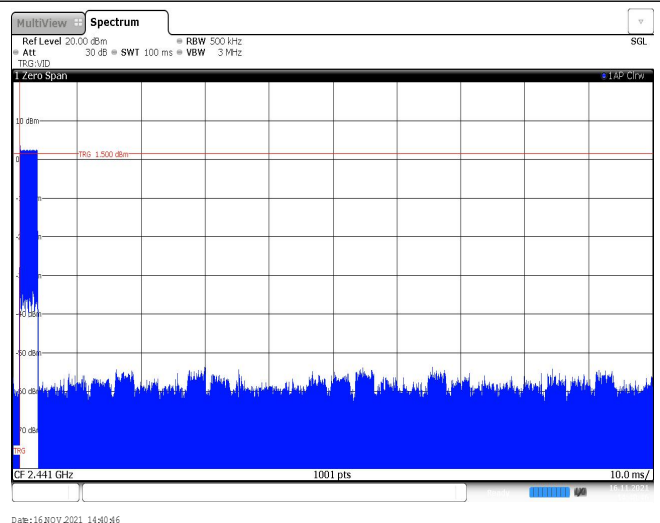
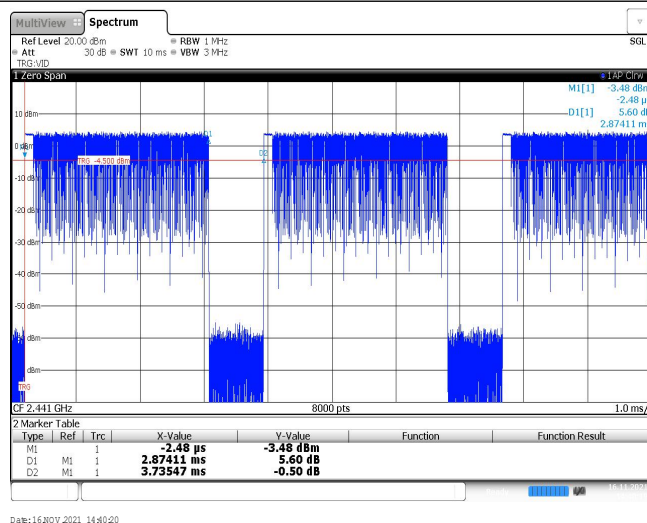
Burst Quantity

 $\pi/4$ DQPSK

Ton time for single burst

Burst Quantity

8DPSK



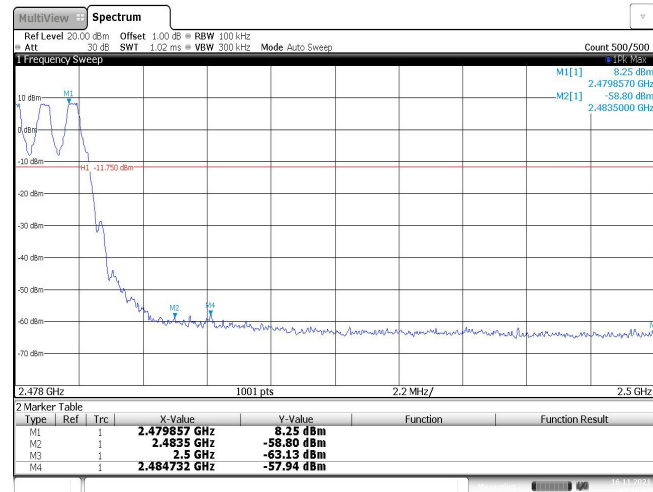
Ton time for single burst

Burst Quantity

Appendix H: Band edge and Spurious Emissions (conducted)

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

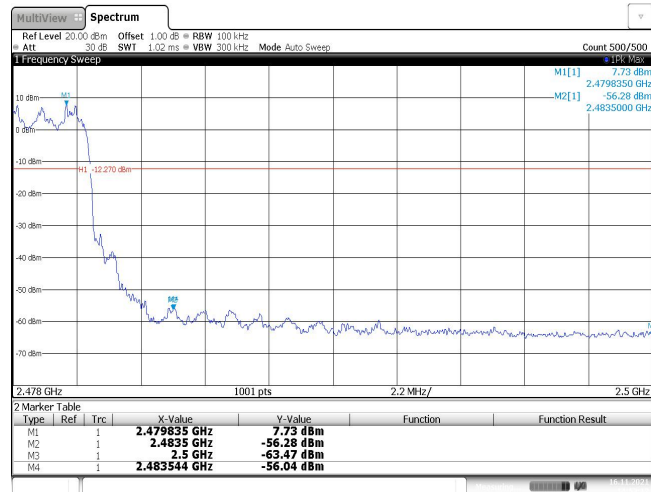
CH78
Hopping mode

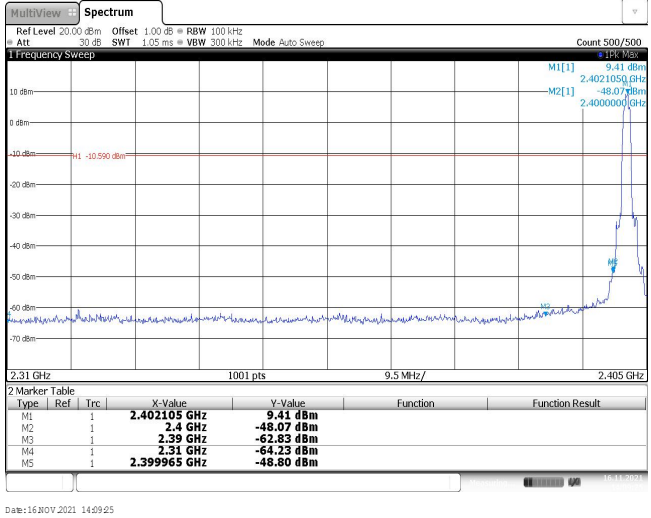
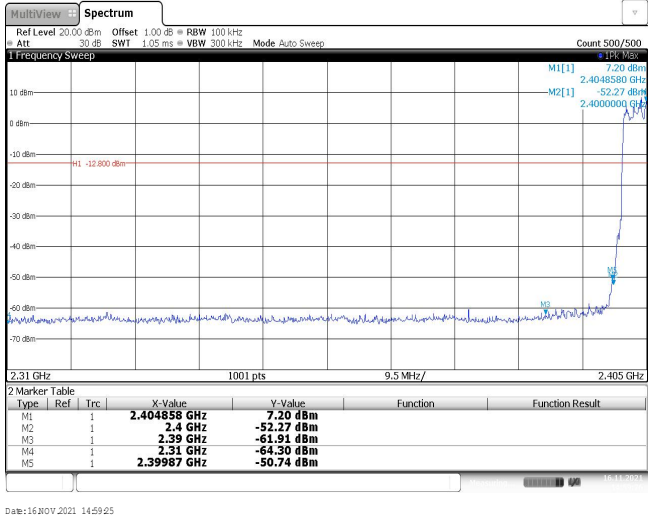
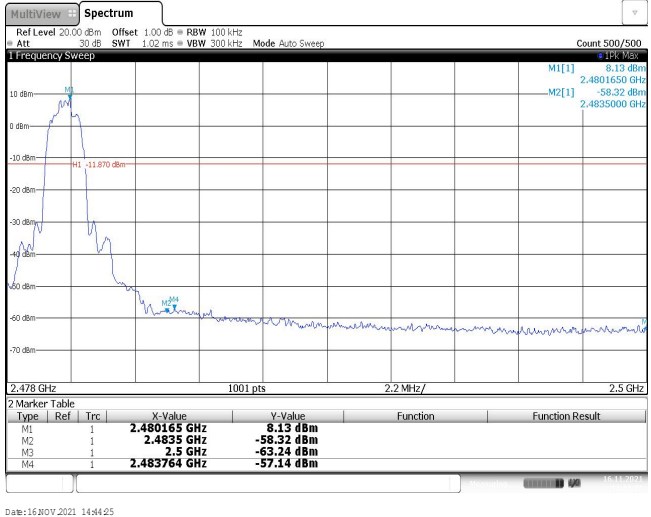


Date: 16 NOV 2021 14:49:03

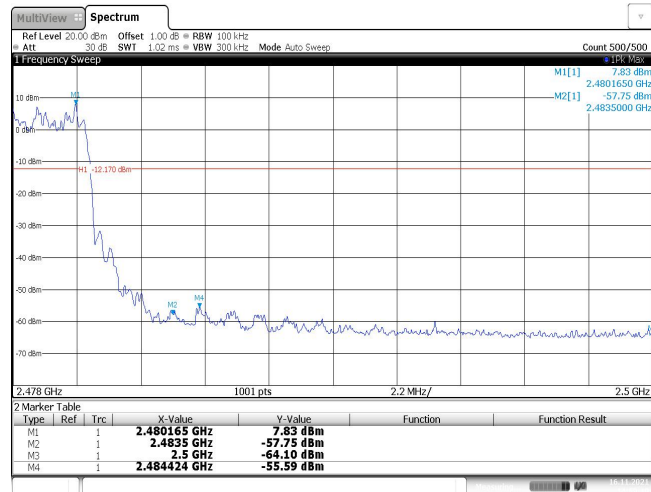
Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
CH00 No hopping mode	MultViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1 Frequency Sweep M1[1] 9.27 dBm 2.4021050 GHz M2[1] -48.61 dBm 2.4000000 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 2.31 GHz1001 pts9.5 MHz/2.405 GHz 2 Marker Table <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.402105 GHz</td><td>9.27 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-48.61 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-60.62 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.66 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399965 GHz</td><td>-48.86 dBm</td><td></td><td></td></tr></table> Date: 16 NOV 2021 14:51:58			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	9.27 dBm			M2	1		2.4 GHz	-48.61 dBm			M3	1		2.39 GHz	-60.62 dBm			M4	1		2.31 GHz	-63.66 dBm			M5	1		2.399965 GHz	-48.86 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.402105 GHz	9.27 dBm																																									
M2	1		2.4 GHz	-48.61 dBm																																									
M3	1		2.39 GHz	-60.62 dBm																																									
M4	1		2.31 GHz	-63.66 dBm																																									
M5	1		2.399965 GHz	-48.86 dBm																																									
CH00 Hopping mode	MultViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1 Frequency Sweep M1[1] 8.63 dBm 2.4029600 GHz M2[1] -50.27 dBm 2.4000000 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 2.31 GHz1001 pts9.5 MHz/2.405 GHz 2 Marker Table <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.40296 GHz</td><td>8.63 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-50.27 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-63.14 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-64.33 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399965 GHz</td><td>-50.53 dBm</td><td></td><td></td></tr></table> Date: 16 NOV 2021 14:52:55			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40296 GHz	8.63 dBm			M2	1		2.4 GHz	-50.27 dBm			M3	1		2.39 GHz	-63.14 dBm			M4	1		2.31 GHz	-64.33 dBm			M5	1		2.399965 GHz	-50.53 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.40296 GHz	8.63 dBm																																									
M2	1		2.4 GHz	-50.27 dBm																																									
M3	1		2.39 GHz	-63.14 dBm																																									
M4	1		2.31 GHz	-64.33 dBm																																									
M5	1		2.399965 GHz	-50.53 dBm																																									
CH78 No hopping mode	MultViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.02 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1 Frequency Sweep M1[1] 8.10 dBm 2.4798350 GHz M2[1] -56.92 dBm 2.4835000 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 2.478 GHz1001 pts2.2 MHz/2.5 GHz 2 Marker Table <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.479835 GHz</td><td>8.10 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-56.92 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-63.24 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483764 GHz</td><td>-56.90 dBm</td><td></td><td></td></tr></table> Date: 16 NOV 2021 14:56:48			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479835 GHz	8.10 dBm			M2	1		2.4835 GHz	-56.92 dBm			M3	1		2.5 GHz	-63.24 dBm			M4	1		2.483764 GHz	-56.90 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.479835 GHz	8.10 dBm																																									
M2	1		2.4835 GHz	-56.92 dBm																																									
M3	1		2.5 GHz	-63.24 dBm																																									
M4	1		2.483764 GHz	-56.90 dBm																																									

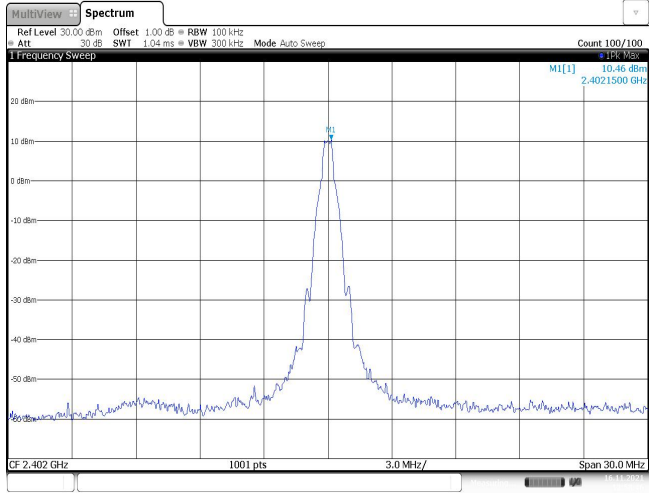
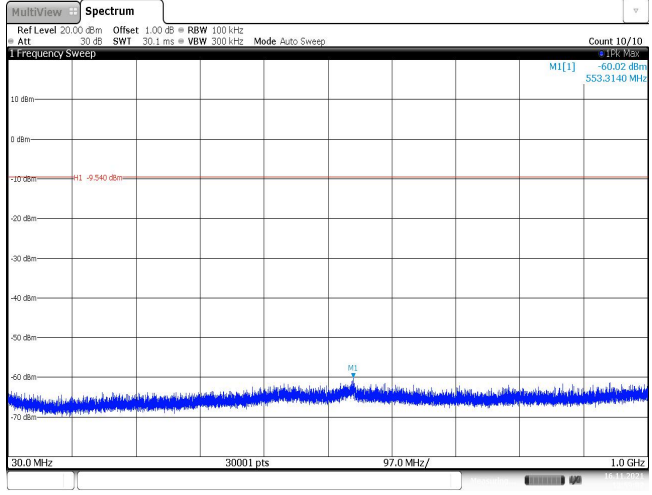
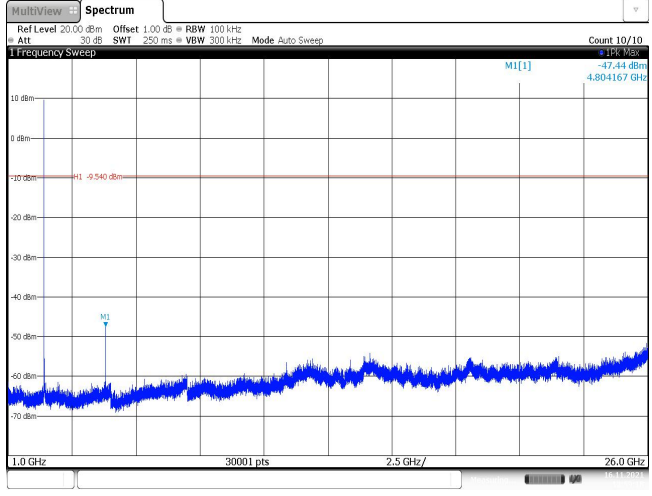
CH78
Hopping mode



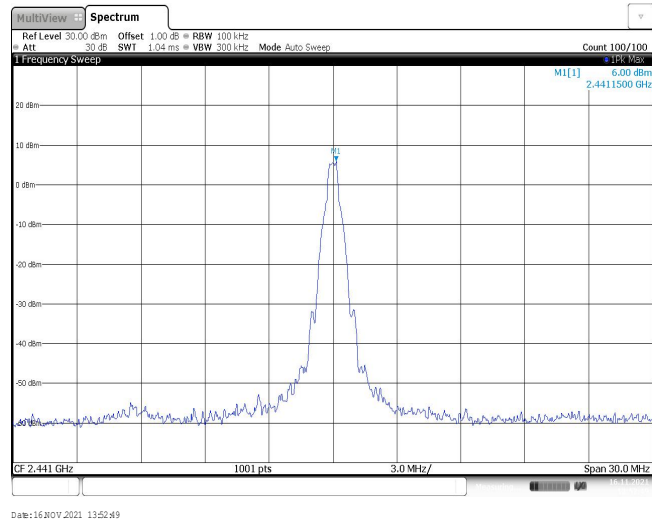
Test Item:	Band edge	Modulation type:	8DPSK
CH00 No hopping mode			
CH00 Hopping mode			
CH78 No hopping mode			

CH78
Hoppig mode

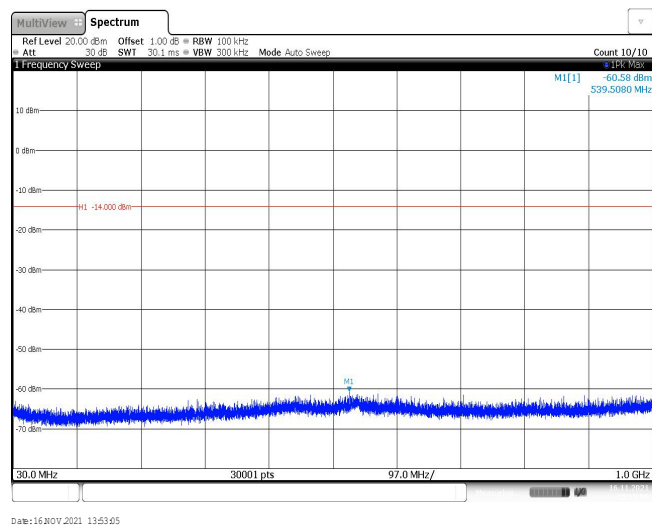


Test Item:	Spurious Emission	Modulation type:	GFSK
CH00 Reference level			
CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

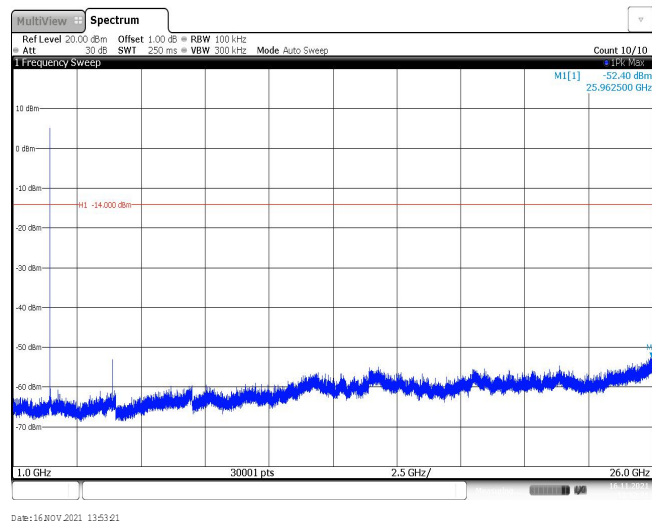
CH39
Reference level



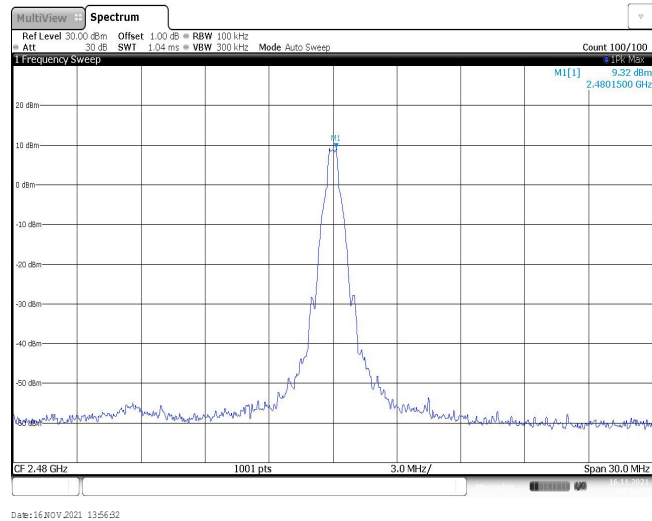
CH39
30MHz~1000MHz



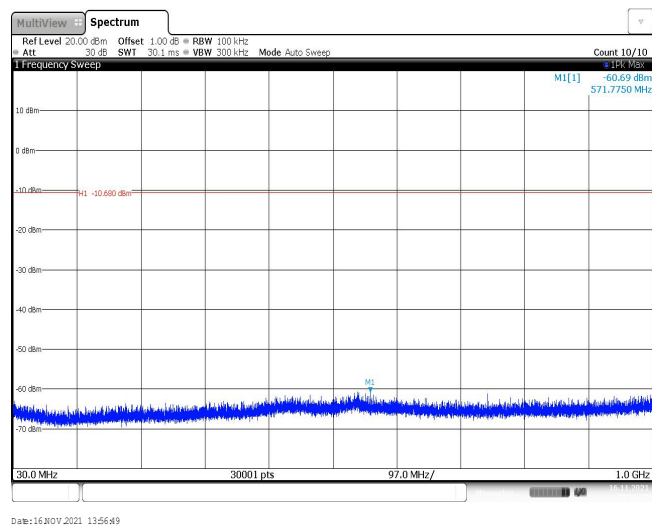
CH39
1GHz~26GHz



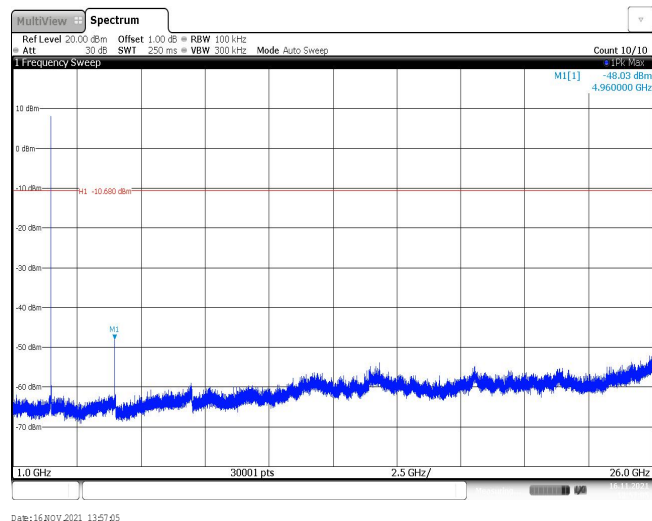
CH78
Reference level

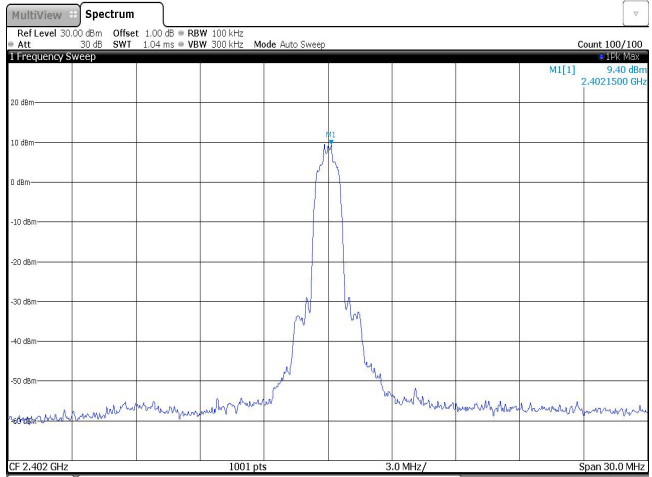
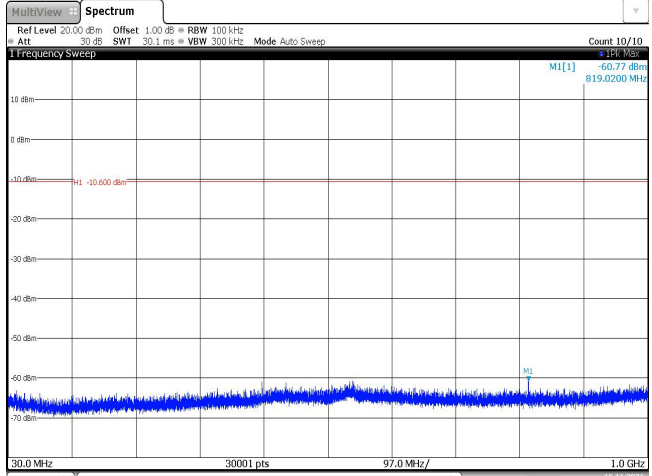
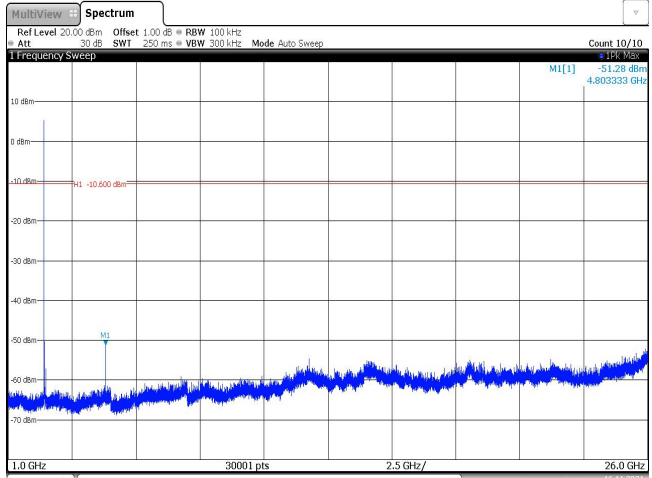


CH78
30MHz~1000MHz



CH78
1GHz~26GHz



Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
CH00 Reference level	 Date: 16 NOV 2021 14:02:05		
CH00 30MHz~1000MHz	 Date: 16 NOV 2021 14:02:21		
CH00 1GHz~26GHz	 Date: 16 NOV 2021 14:02:27		