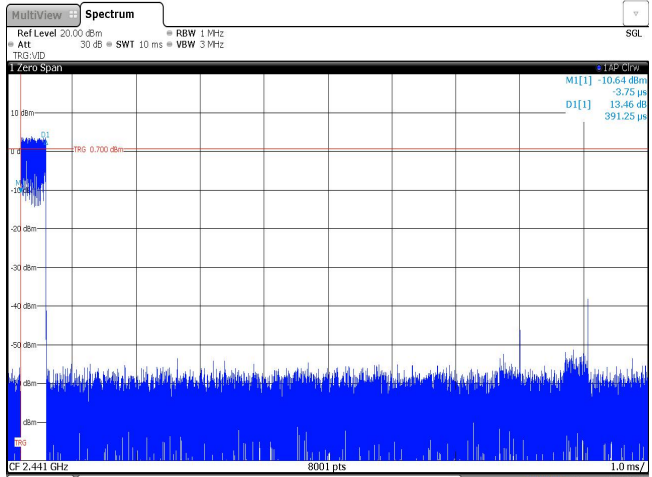
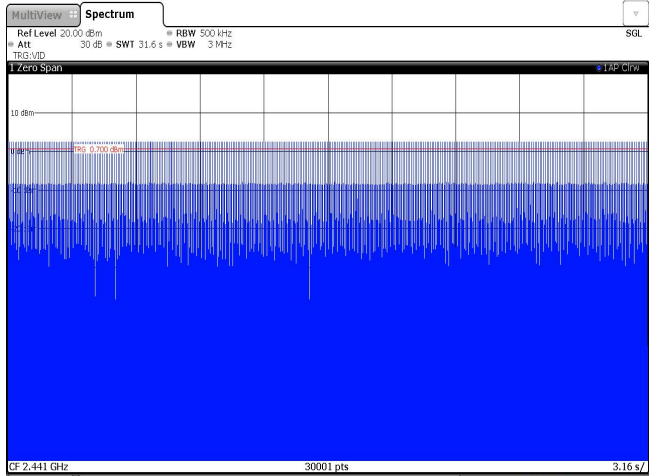
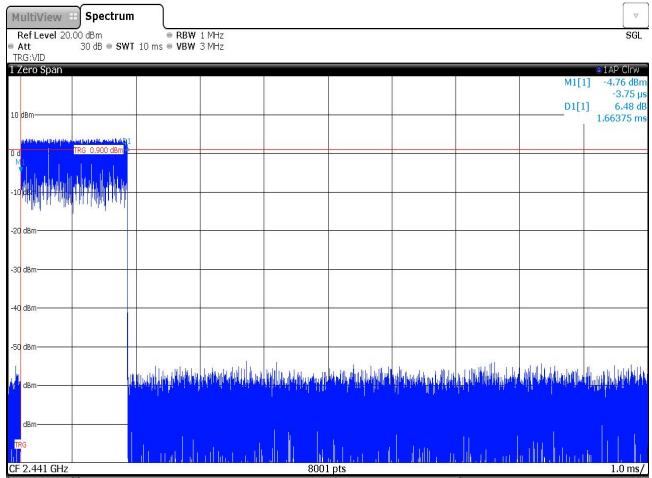
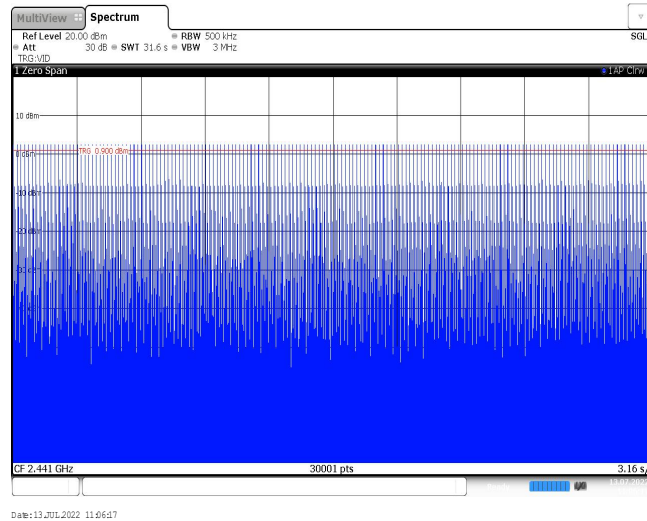
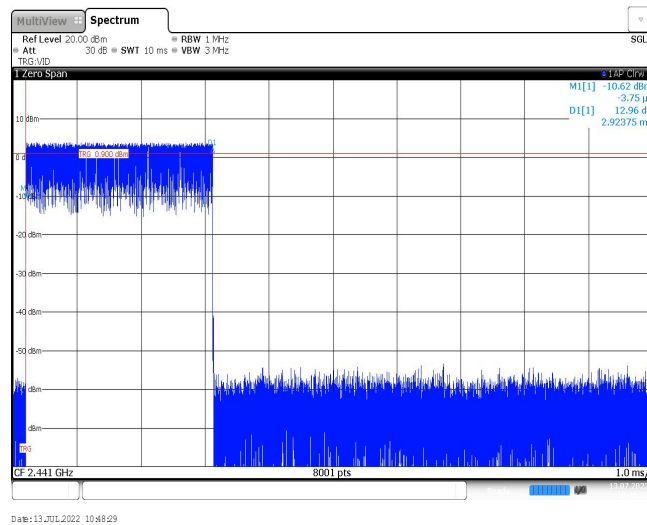


Modulation Type:	$\pi/4$ DQPSK
2DH1 Burst width	 The spectrum plot shows a signal centered at 2.441 GHz. The y-axis represents power in dBm, ranging from -100 to 10. The x-axis represents frequency in MHz, ranging from 2.435 to 2.447. A red trace shows the signal's power spectrum, with a peak at approximately -10.64 dBm. The plot includes a 100 kHz span and 8001 points. The date is 13 JUL 2022 11:04:36.
2DH1 Burst number	 The spectrum plot shows a signal centered at 2.441 GHz. The y-axis represents power in dBm, ranging from -100 to 10. The x-axis represents frequency in MHz, ranging from 2.435 to 2.447. A red trace shows the signal's power spectrum, with a peak at approximately -10.64 dBm. The plot includes a 100 kHz span and 30001 points. The date is 13 JUL 2022 11:05:12.
2DH3 Burst width	 The spectrum plot shows a signal centered at 2.441 GHz. The y-axis represents power in dBm, ranging from -100 to 10. The x-axis represents frequency in MHz, ranging from 2.435 to 2.447. A red trace shows the signal's power spectrum, with a peak at approximately -4.76 dBm. The plot includes a 100 kHz span and 8001 points. The date is 13 JUL 2022 11:05:43.

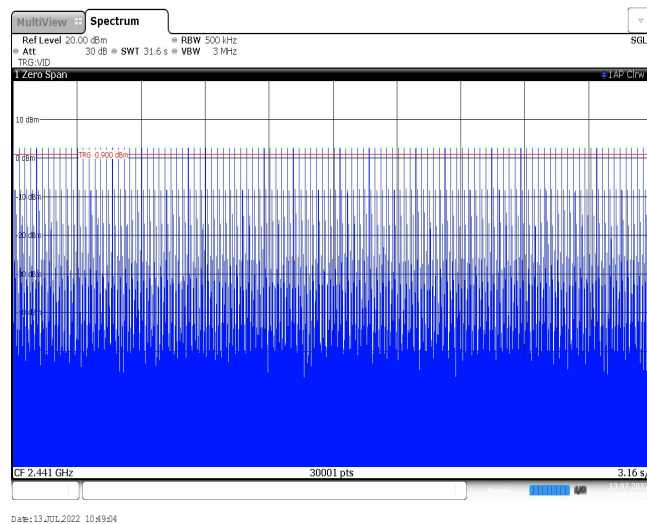
2DH3
Burst number

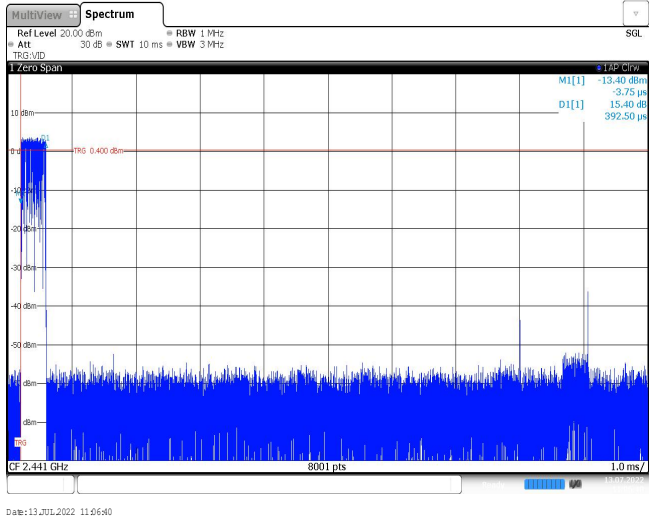
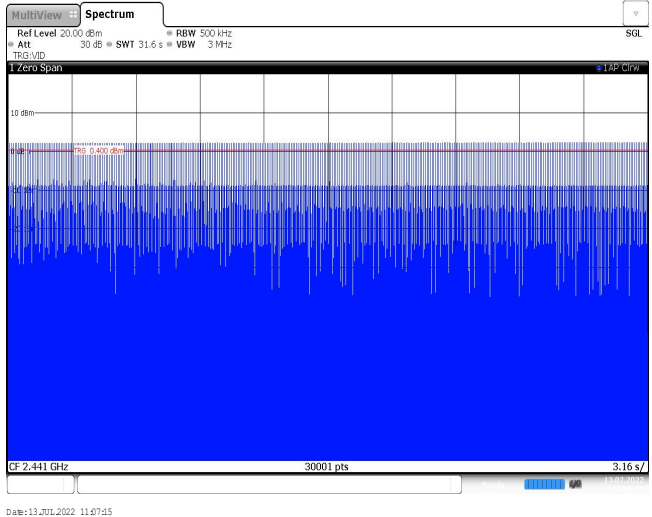
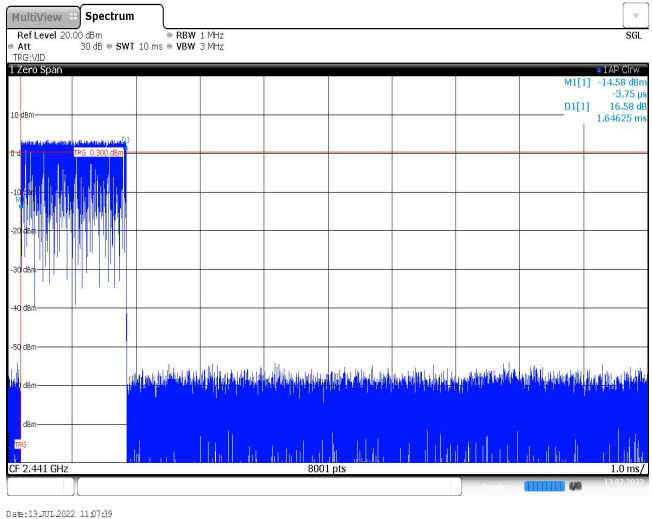


2DH5
Burst width

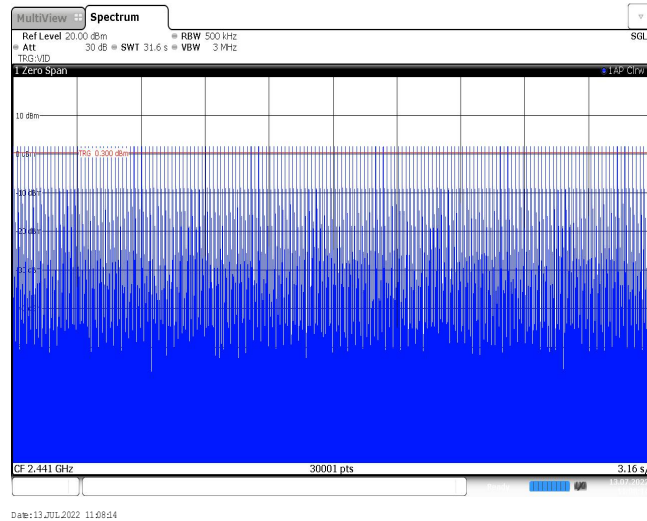


2DH5
Burst number

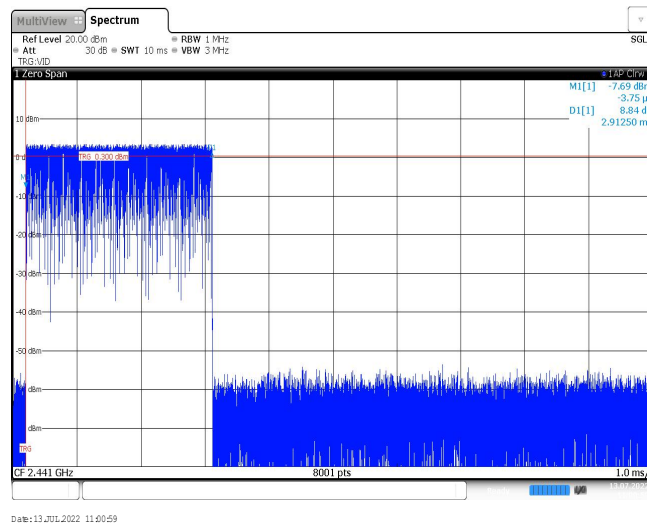


Modulation Type:	8DPSK
3DH1 Burst width	 The spectrum plot shows a signal burst at 2.441 GHz. The y-axis represents power in dBm, ranging from -90 to 10. The x-axis represents time in ms, ranging from 0 to 1.0. The plot shows a sharp peak at the start of the burst, followed by a rapid decay. The peak power is approximately -13.40 dBm. The plot also shows a noise floor around -90 dBm. Ref Level 20.00 dBm Att 30 dB RBW 1 MHz SWT 10 ms VBW 3 MHz TSG:VID SGL 1 Zero Span M1[1] -13.40 dBm D1[1] -3.75 μs 15.40 dB 392.50 μs CF 2.441 GHz 8001 pts 1.0 ms/ Date:13.JUL.2022 11:06:40
3DH1 Burst number	 The spectrum plot shows a signal burst at 2.441 GHz. The y-axis represents power in dBm, ranging from -90 to 10. The x-axis represents time in s, ranging from 0 to 3.16. The plot shows a continuous signal burst with a peak power of approximately -14.58 dBm. The plot also shows a noise floor around -90 dBm. Ref Level 20.00 dBm Att 30 dB RBW 500 kHz SWT 31.6 s VBW 3 MHz TSG:VID SGL 1 Zero Span M1[1] -14.58 dBm D1[1] -3.75 μs 16.58 dB 1.64625 ms CF 2.441 GHz 30001 pts 3.16 s/ Date:13.JUL.2022 11:07:15
3DH3 Burst width	 The spectrum plot shows a signal burst at 2.441 GHz. The y-axis represents power in dBm, ranging from -90 to 10. The x-axis represents time in ms, ranging from 0 to 1.0. The plot shows a sharp peak at the start of the burst, followed by a rapid decay. The peak power is approximately -14.58 dBm. The plot also shows a noise floor around -90 dBm. Ref Level 20.00 dBm Att 30 dB RBW 1 MHz SWT 10 ms VBW 3 MHz TSG:VID SGL 1 Zero Span M1[1] -14.58 dBm D1[1] -3.75 μs 16.58 dB 1.64625 ms CF 2.441 GHz 8001 pts 1.0 ms/ Date:13.JUL.2022 11:07:39

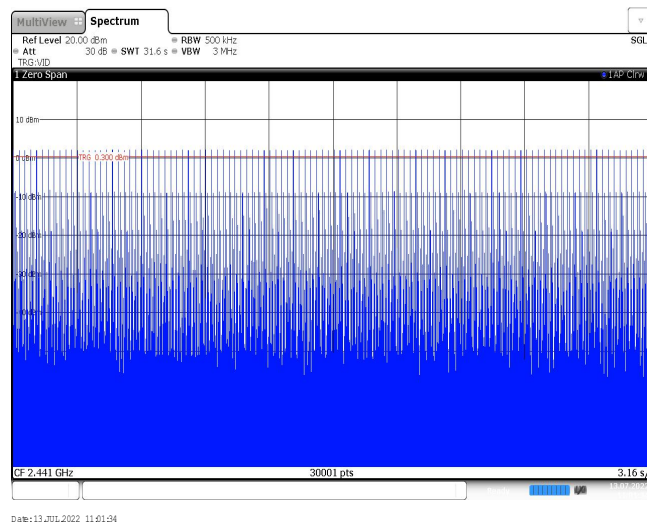
3DH3
Burst number



3DH5
Burst width



3DH5
Burst number

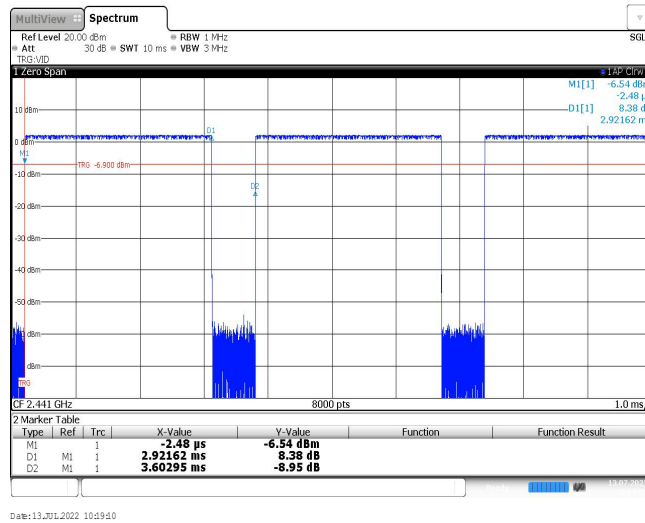


Appendix G: Duty Cycle Correction Factor (DCCF)**DCCF Calculate Formula**

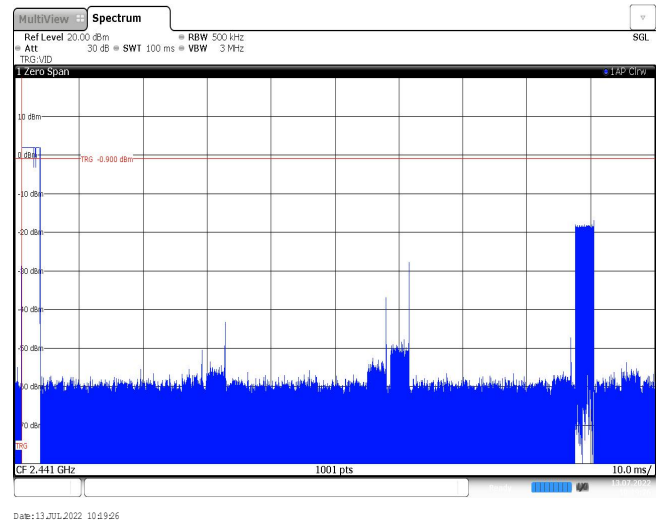
$$\text{DCCF} = 20 * \text{Log}(\text{duty cycle}) = 20 * \text{Log}(T_{\text{on time}} / T_{\text{period}})$$

Modulation type	Test Frequency (MHz)	T _{on time} for single burst [ms]	T _{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.92	100	2	-24.67
$\pi/4$ DQPSK	2441	2.93	100	2	-24.64
8DPSK	2441	2.91	100	2	-24.70

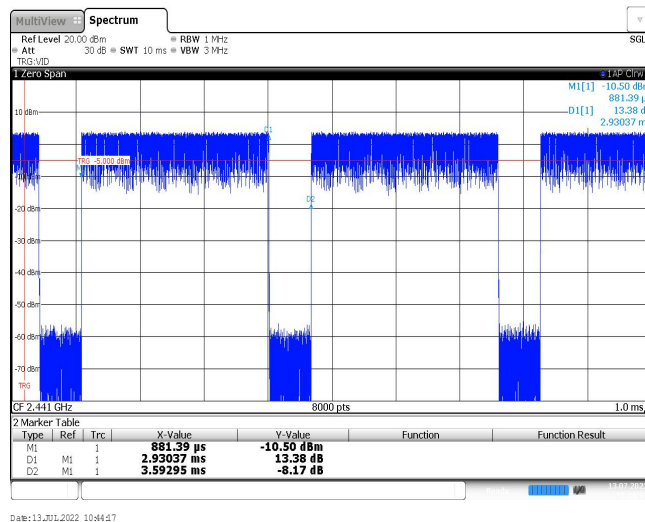
GFSK



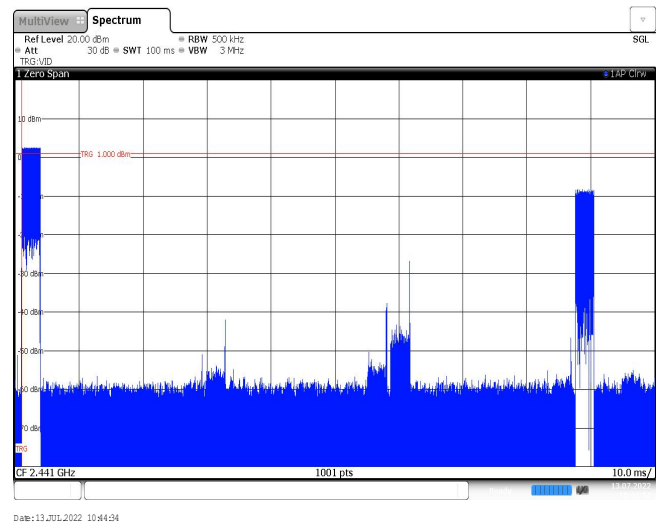
Ton time for single burst



Burst Quantity

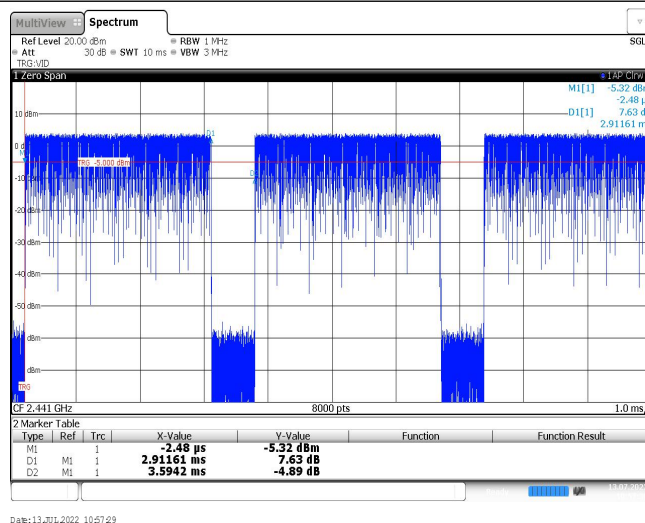
 $\pi/4$ DQPSK

Ton time for single burst

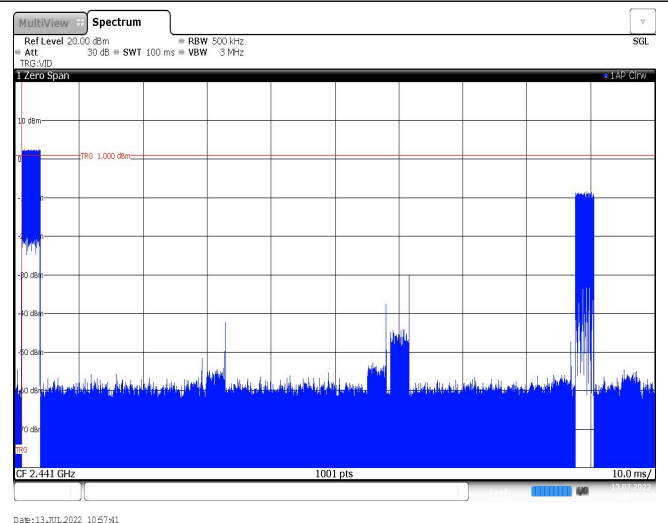


Burst Quantity

8DPSK



Ton time for single burst

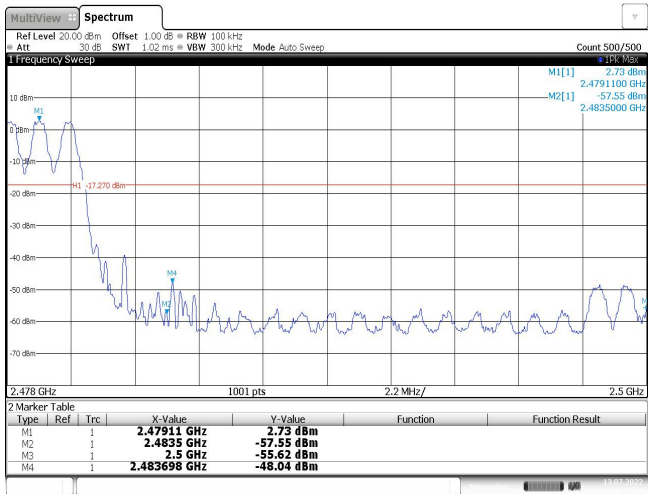


Burst Quantity

Appendix H: Band edge and Spurious Emissions (conducted)

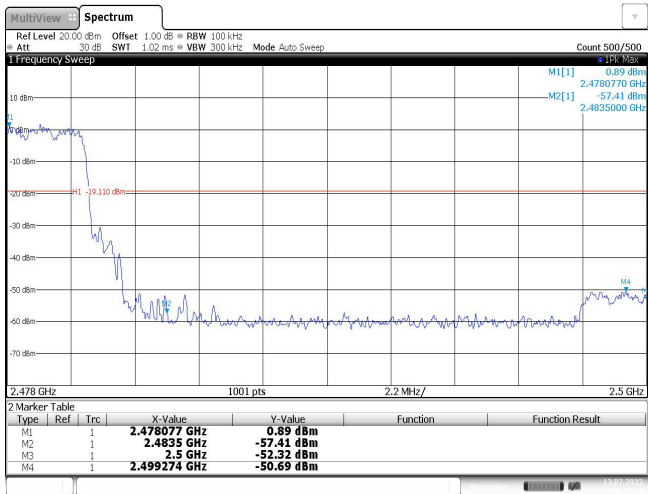
Test Item:	Band edge	Modulation type:	GFSK																																										
CH00 No hopping mode	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.05 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 1.75 dBm M2 1.75 dBm M3 1.75 dBm M4 1.75 dBm M5 1.75 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>1.75 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-46.08 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-63.28 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-62.79 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399775 GHz</td><td>-43.73 dBm</td><td></td><td></td></tr></table> Date: 13 JUL 2022 10:04:45			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	1.75 dBm			M2	1		2.4 GHz	-46.08 dBm			M3	1		2.39 GHz	-63.28 dBm			M4	1		2.31 GHz	-62.79 dBm			M5	1		2.399775 GHz	-43.73 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.402105 GHz	1.75 dBm																																									
M2	1		2.4 GHz	-46.08 dBm																																									
M3	1		2.39 GHz	-63.28 dBm																																									
M4	1		2.31 GHz	-62.79 dBm																																									
M5	1		2.399775 GHz	-43.73 dBm																																									
CH00 Hopping mode	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1 Frequency Sweep 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 1.44 dBm M2 1.44 dBm M3 1.44 dBm M4 1.44 dBm M5 1.44 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>2.404098 GHz</td><td>1.44 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-42.32 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-62.53 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-57.73 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399965 GHz</td><td>-42.16 dBm</td><td></td><td></td></tr></table> Date: 13 JUL 2022 10:22:00			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404098 GHz	1.44 dBm			M2	1		2.4 GHz	-42.32 dBm			M3	1		2.39 GHz	-62.53 dBm			M4	1		2.31 GHz	-57.73 dBm			M5	1		2.399965 GHz	-42.16 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.404098 GHz	1.44 dBm																																									
M2	1		2.4 GHz	-42.32 dBm																																									
M3	1		2.39 GHz	-62.53 dBm																																									
M4	1		2.31 GHz	-57.73 dBm																																									
M5	1		2.399965 GHz	-42.16 dBm																																									
CH78 No hopping mode	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.02 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 2.80 dBm M2 2.80 dBm M3 2.80 dBm M4 2.80 dBm M5 2.80 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>2.480121 GHz</td><td>2.80 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-47.21 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-63.74 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483588 GHz</td><td>-47.09 dBm</td><td></td><td></td></tr></table> Date: 13 JUL 2022 10:55:01			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.480121 GHz	2.80 dBm			M2	1		2.4835 GHz	-47.21 dBm			M3	1		2.5 GHz	-63.74 dBm			M4	1		2.483588 GHz	-47.09 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.480121 GHz	2.80 dBm																																									
M2	1		2.4835 GHz	-47.21 dBm																																									
M3	1		2.5 GHz	-63.74 dBm																																									
M4	1		2.483588 GHz	-47.09 dBm																																									

CH78
Hopping mode

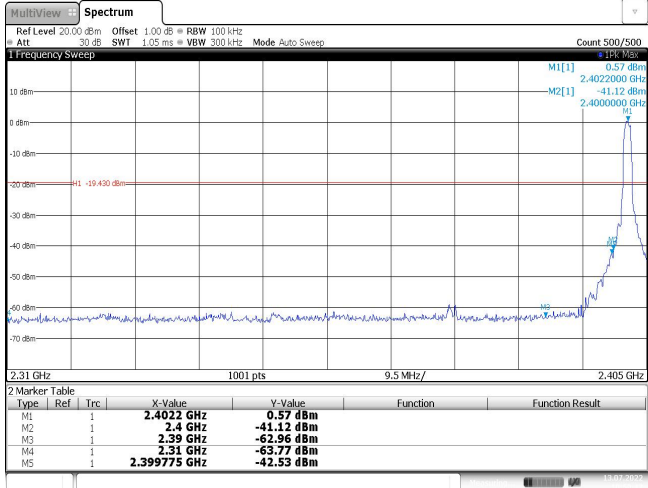
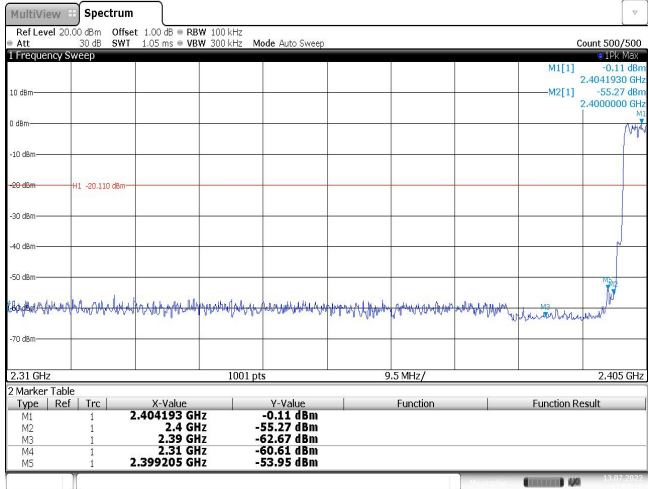
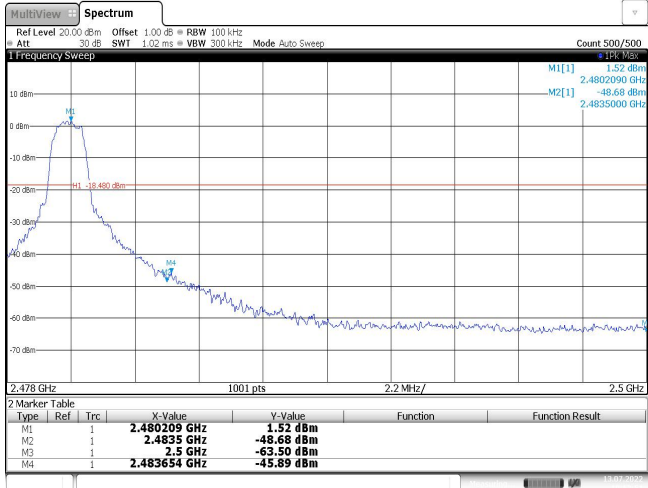


Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK
CH00 No hopping mode	</		

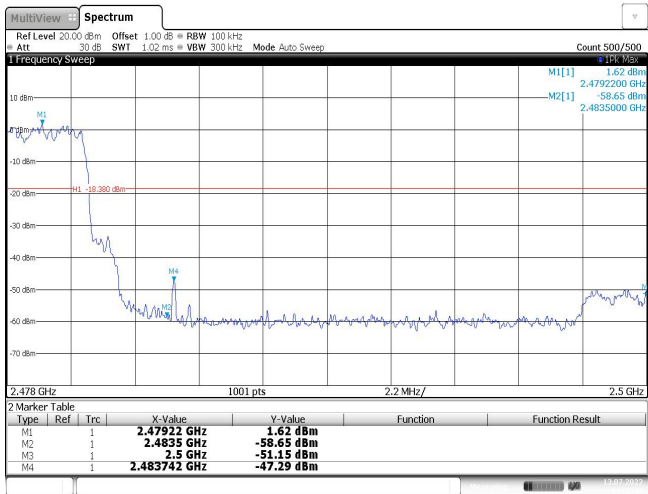
CH78
Hopping mode



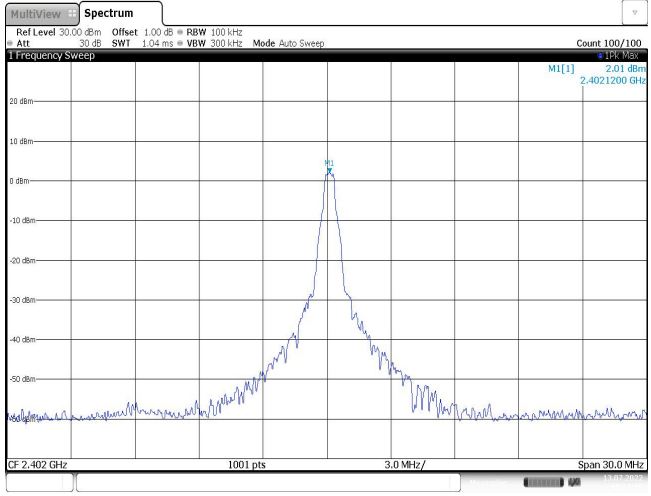
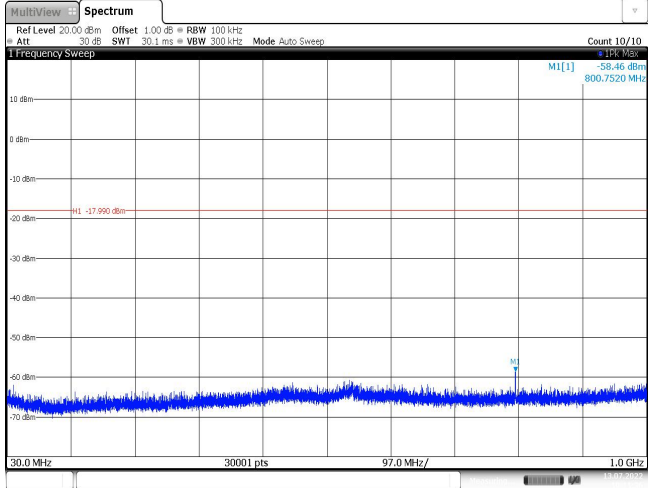
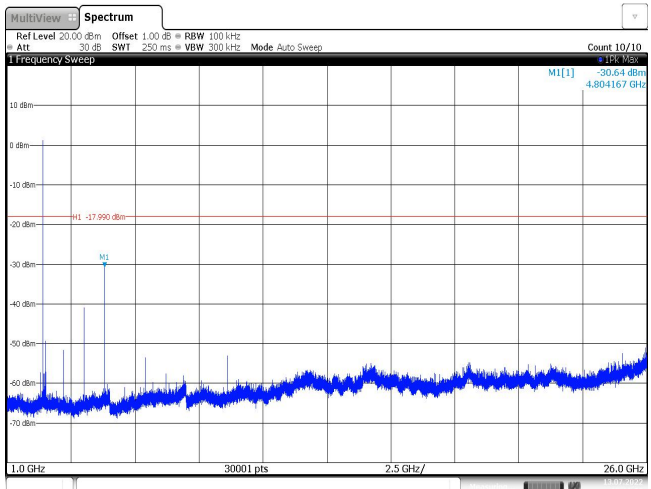
Date: 13 JUL 2022 10:47:59

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

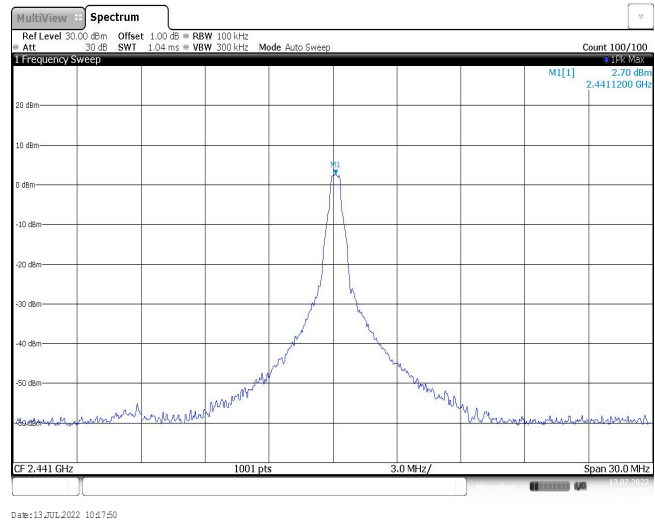
CH78
Hoppig mode



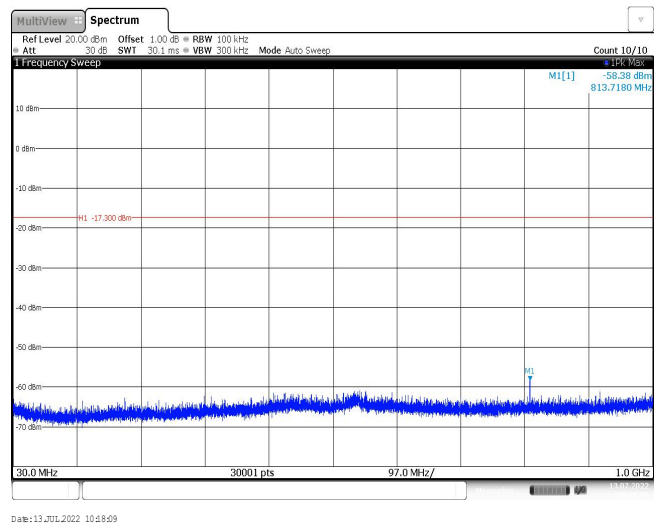
Date: 13 JUL 2022 11:00:46

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

