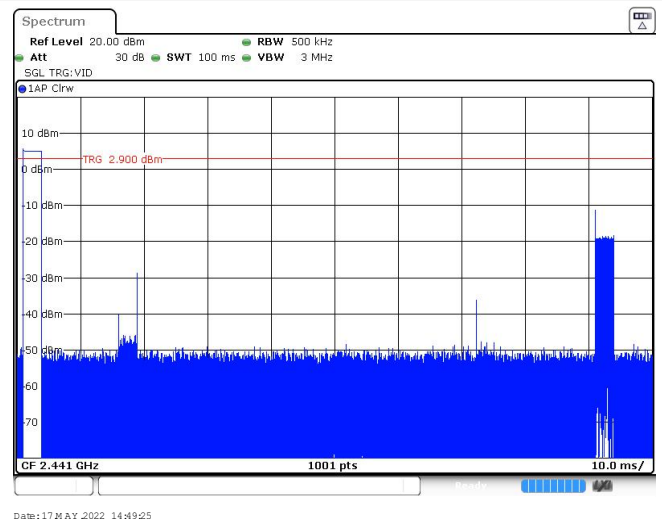
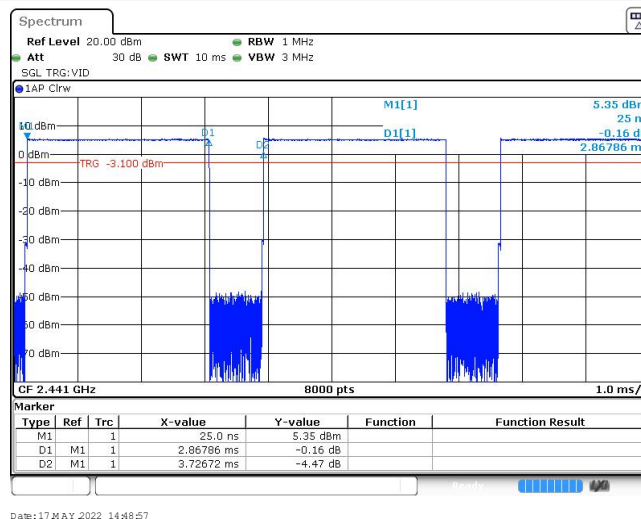
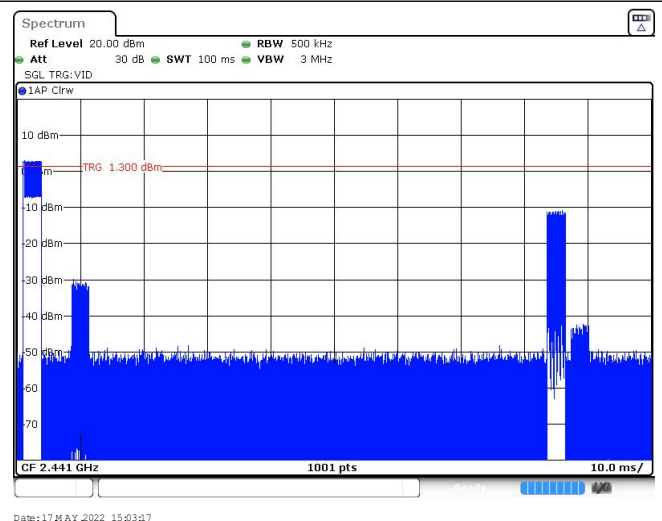
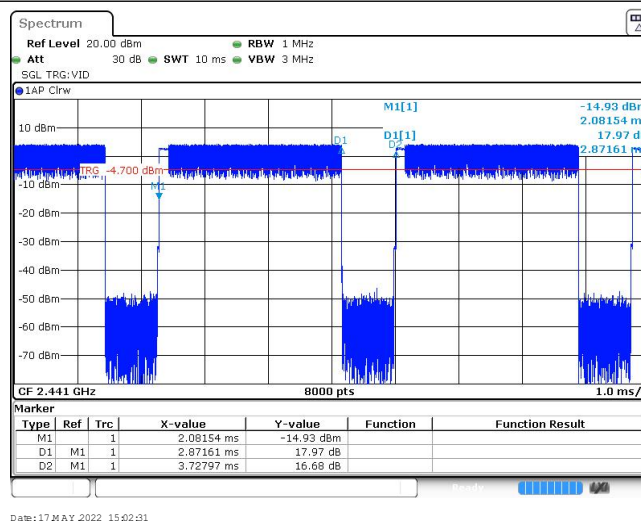


GFSK



Ton time for single burst

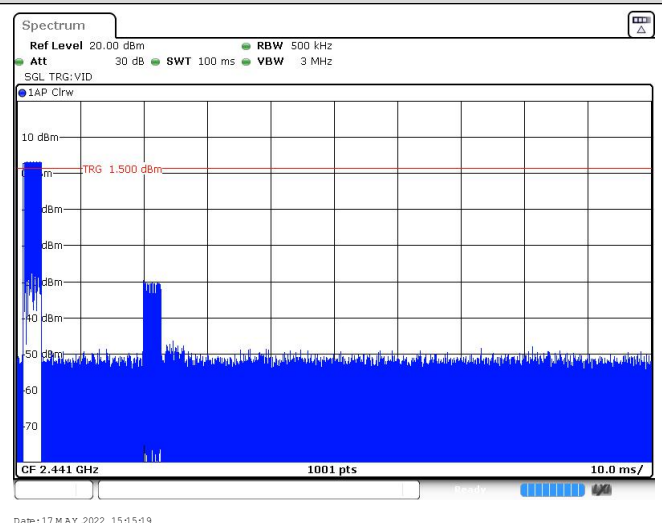
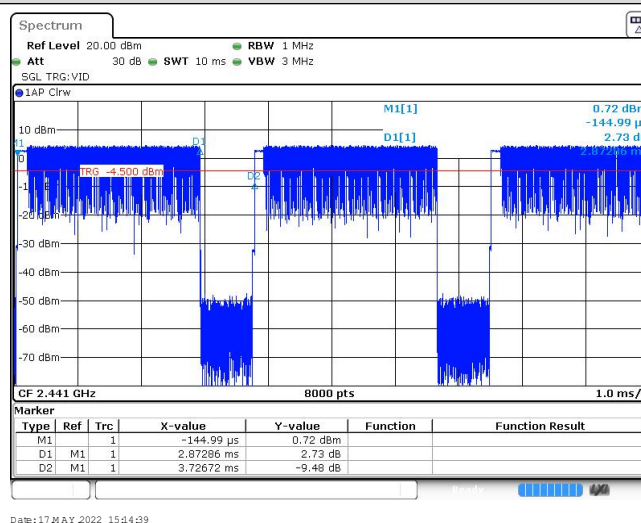
Burst Quantity

 $\pi/4$ DQPSK

Ton time for single burst

Burst Quantity

8DPSK



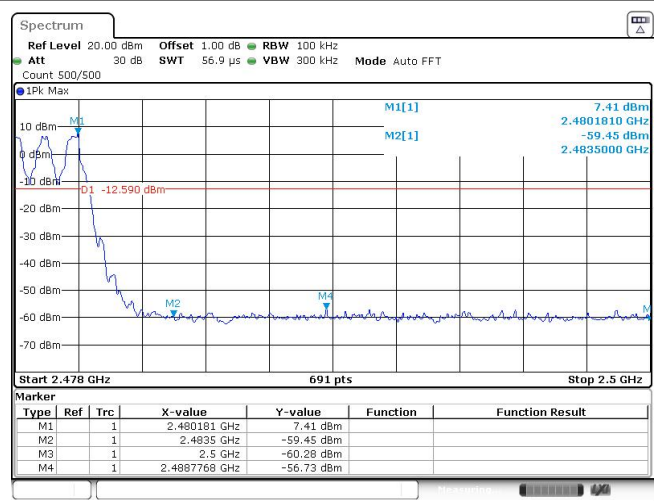
Ton time for single burst

Burst Quantity

Appendix H: Band edge and Spurious Emissions (conducted)

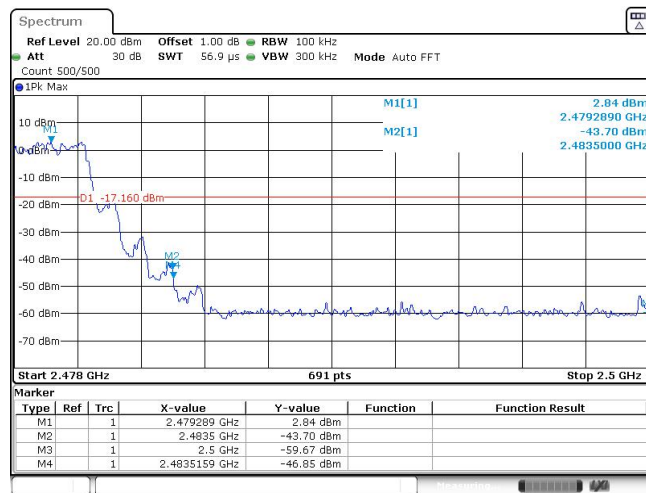
Test Item:	Band edge	Modulation type:	GFSK																																										
CH00 No hopping mode	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1Pk Max M1[1] 5.48 dBm 2.402180 GHz -54.18 dBm 2.400000 GHz M2[1] D1 -14.520 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>2.40218 GHz</td><td>5.48 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-54.18 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-56.74 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-55.37 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399906 GHz</td><td>-53.18 dBm</td><td></td><td></td></tr></table> Date: 17 MAY 2022 14:40:02			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40218 GHz	5.48 dBm			M2	1		2.4 GHz	-54.18 dBm			M3	1		2.39 GHz	-56.74 dBm			M4	1		2.31 GHz	-55.37 dBm			M5	1		2.399906 GHz	-53.18 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40218 GHz	5.48 dBm																																									
M2	1		2.4 GHz	-54.18 dBm																																									
M3	1		2.39 GHz	-56.74 dBm																																									
M4	1		2.31 GHz	-55.37 dBm																																									
M5	1		2.399906 GHz	-53.18 dBm																																									
CH00 Hopping mode	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1Pk Max M1[1] 5.53 dBm 2.404240 GHz -55.68 dBm 2.400000 GHz M2[1] D1 -14.470 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>2.40424 GHz</td><td>5.53 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-55.68 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-56.55 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-56.12 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.329826 GHz</td><td>-53.76 dBm</td><td></td><td></td></tr></table> Date: 17 MAY 2022 14:53:40			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40424 GHz	5.53 dBm			M2	1		2.4 GHz	-55.68 dBm			M3	1		2.39 GHz	-56.55 dBm			M4	1		2.31 GHz	-56.12 dBm			M5	1		2.329826 GHz	-53.76 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40424 GHz	5.53 dBm																																									
M2	1		2.4 GHz	-55.68 dBm																																									
M3	1		2.39 GHz	-56.55 dBm																																									
M4	1		2.31 GHz	-56.12 dBm																																									
M5	1		2.329826 GHz	-53.76 dBm																																									
CH78 No hopping mode	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 56.9 μs VBW 300 kHz Mode Auto FFT Count 300/300 1Pk Max M1[1] 7.40 dBm 2.4798630 GHz -46.07 dBm 2.4835000 GHz M2[1] D1 -12.600 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>2.479863 GHz</td><td>7.40 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-46.07 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-59.68 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4835159 GHz</td><td>-46.26 dBm</td><td></td><td></td></tr></table> Date: 17 MAY 2022 14:37:39			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.479863 GHz	7.40 dBm			M2	1		2.4835 GHz	-46.07 dBm			M3	1		2.5 GHz	-59.68 dBm			M4	1		2.4835159 GHz	-46.26 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.479863 GHz	7.40 dBm																																									
M2	1		2.4835 GHz	-46.07 dBm																																									
M3	1		2.5 GHz	-59.68 dBm																																									
M4	1		2.4835159 GHz	-46.26 dBm																																									

CH78
Hopping mode



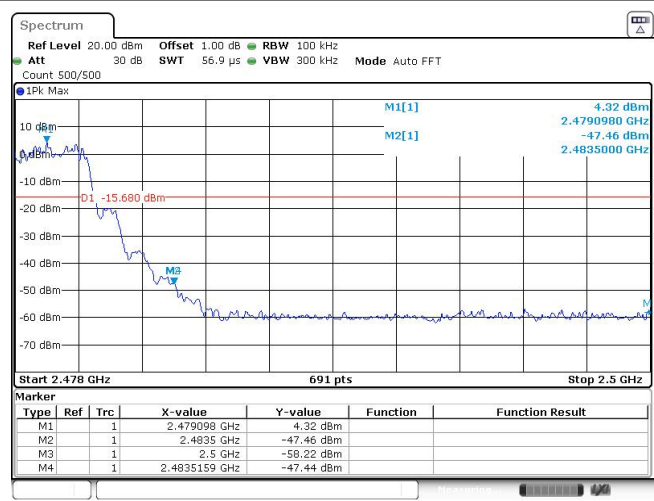
Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
CH00 No hopping mode	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M3 M4 1.14 dBm 2.401910 GHz -53.83 dBm 2.400000 GHz 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>2.40191 GHz</td><td>1.14 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-53.83 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-55.66 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-55.90 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399493 GHz</td><td>-52.43 dBm</td><td></td><td></td></tr></table> Date: 17 MAY 2022 14:56:48			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40191 GHz	1.14 dBm			M2	1		2.4 GHz	-53.83 dBm			M3	1		2.39 GHz	-55.66 dBm			M4	1		2.31 GHz	-55.90 dBm			M5	1		2.399493 GHz	-52.43 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40191 GHz	1.14 dBm																																									
M2	1		2.4 GHz	-53.83 dBm																																									
M3	1		2.39 GHz	-55.66 dBm																																									
M4	1		2.31 GHz	-55.90 dBm																																									
M5	1		2.399493 GHz	-52.43 dBm																																									
CH00 Hopping mode	Spectrum Ref Level 20.00 dBm Offset 1.00 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 -0.61 dBm 2.403140 GHz -56.88 dBm 2.400000 GHz 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>2.40314 GHz</td><td>-0.61 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-56.88 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-56.34 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-55.74 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.317435 GHz</td><td>-53.57 dBm</td><td></td><td></td></tr></table> Date: 17 MAY 2022 15:05:41			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40314 GHz	-0.61 dBm			M2	1		2.4 GHz	-56.88 dBm			M3	1		2.39 GHz	-56.34 dBm			M4	1		2.31 GHz	-55.74 dBm			M5	1		2.317435 GHz	-53.57 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40314 GHz	-0.61 dBm																																									
M2	1		2.4 GHz	-56.88 dBm																																									
M3	1		2.39 GHz	-56.34 dBm																																									
M4	1		2.31 GHz	-55.74 dBm																																									
M5	1		2.317435 GHz	-53.57 dBm																																									
CH78 No hopping mode	Spectrum Ref Level 20.00 dBm Offset 1.00 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 6.05 dBm 2.4798630 GHz -40.29 dBm 2.4835000 GHz 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>2.479863 GHz</td><td>6.05 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-40.29 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-60.40 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4835159 GHz</td><td>-40.38 dBm</td><td></td><td></td></tr></table> Date: 17 MAY 2022 14:59:30			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.479863 GHz	6.05 dBm			M2	1		2.4835 GHz	-40.29 dBm			M3	1		2.5 GHz	-60.40 dBm			M4	1		2.4835159 GHz	-40.38 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.479863 GHz	6.05 dBm																																									
M2	1		2.4835 GHz	-40.29 dBm																																									
M3	1		2.5 GHz	-60.40 dBm																																									
M4	1		2.4835159 GHz	-40.38 dBm																																									

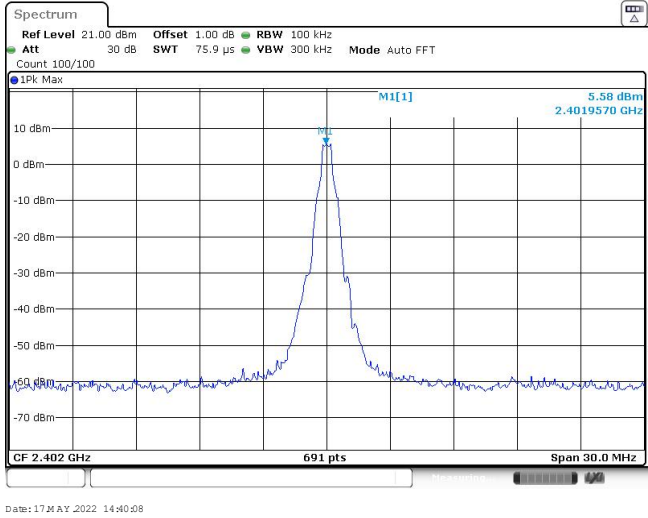
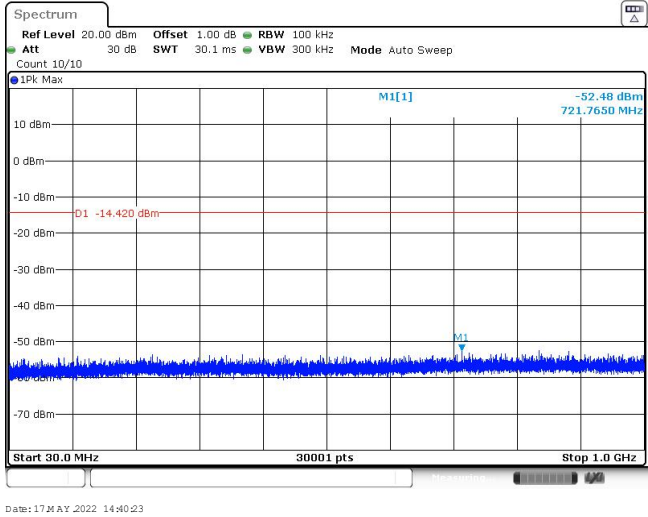
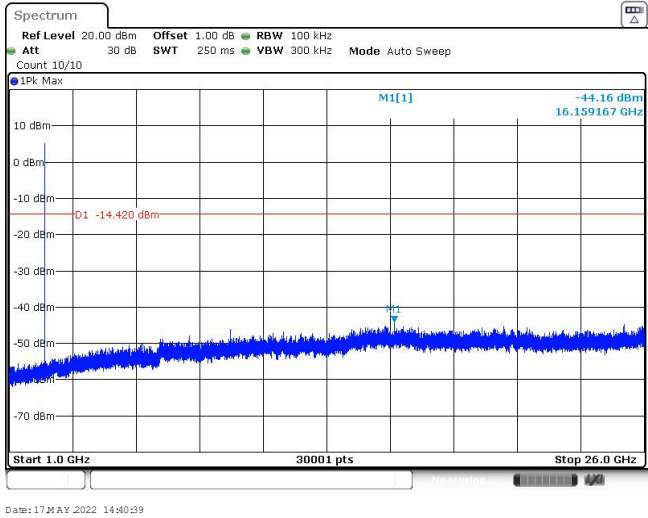
CH78
Hopping mode



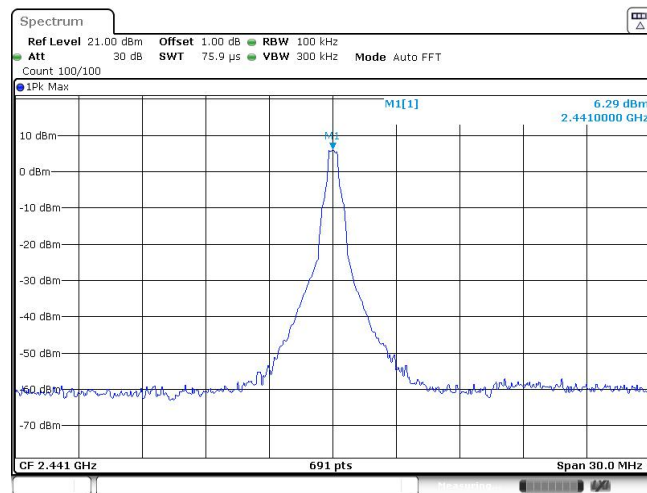
Test Item:	Band edge	Modulation type:	8DPSK																																										
CH00 No hopping mode	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M5 M3 M5 1.24 dBm 2.402180 GHz -53.93 dBm 2.400000 GHz 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>2.40218 GHz</td><td>1.24 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-53.93 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-55.00 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-55.99 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.350616 GHz</td><td>-52.90 dBm</td><td></td><td></td></tr></table> Date: 17 MAY 2022 15:08:40			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40218 GHz	1.24 dBm			M2	1		2.4 GHz	-53.93 dBm			M3	1		2.39 GHz	-55.00 dBm			M4	1		2.31 GHz	-55.99 dBm			M5	1		2.350616 GHz	-52.90 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40218 GHz	1.24 dBm																																									
M2	1		2.4 GHz	-53.93 dBm																																									
M3	1		2.39 GHz	-55.00 dBm																																									
M4	1		2.31 GHz	-55.99 dBm																																									
M5	1		2.350616 GHz	-52.90 dBm																																									
CH00 Hopping mode	Spectrum Ref Level 20.00 dBm Offset 1.00 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 M5 1.30 dBm 2.403830 GHz -55.57 dBm 2.400000 GHz 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>2.40383 GHz</td><td>1.30 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-55.57 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>-56.25 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.310826 GHz</td><td>-53.32 dBm</td><td></td><td></td></tr></table> Date: 17 MAY 2022 15:18:04			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40383 GHz	1.30 dBm			M2	1		2.4 GHz	-55.57 dBm			M3	1		2.39 GHz	-56.07 dBm			M4	1		2.31 GHz	-56.25 dBm			M5	1		2.310826 GHz	-53.32 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40383 GHz	1.30 dBm																																									
M2	1		2.4 GHz	-55.57 dBm																																									
M3	1		2.39 GHz	-56.07 dBm																																									
M4	1		2.31 GHz	-56.25 dBm																																									
M5	1		2.310826 GHz	-53.32 dBm																																									
CH78 No hopping mode	Spectrum Ref Level 20.00 dBm Offset 1.00 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] M2 M3 M4 6.07 dBm 2.479863 GHz -39.78 dBm 2.4835000 GHz 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>2.479863 GHz</td><td>6.07 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-39.78 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-60.63 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4835159 GHz</td><td>-41.50 dBm</td><td></td><td></td></tr></table> Date: 17 MAY 2022 15:10:56			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.479863 GHz	6.07 dBm			M2	1		2.4835 GHz	-39.78 dBm			M3	1		2.5 GHz	-60.63 dBm			M4	1		2.4835159 GHz	-41.50 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.479863 GHz	6.07 dBm																																									
M2	1		2.4835 GHz	-39.78 dBm																																									
M3	1		2.5 GHz	-60.63 dBm																																									
M4	1		2.4835159 GHz	-41.50 dBm																																									

CH78
Hoppig mode



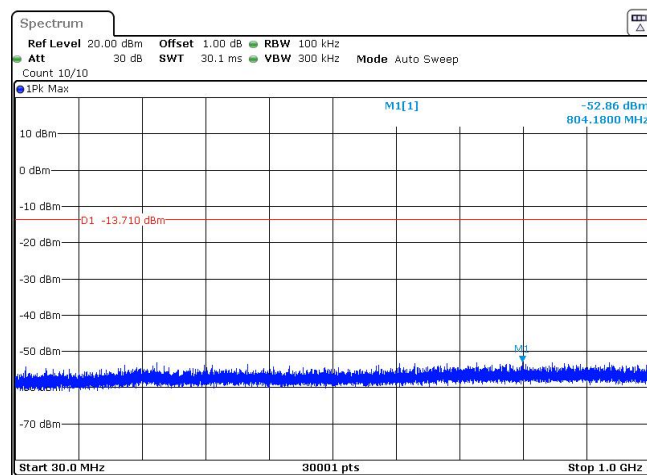
Test Item:	Spurious Emission	Modulation type:	GFSK
CH00 Reference level			
CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

CH39
Reference level



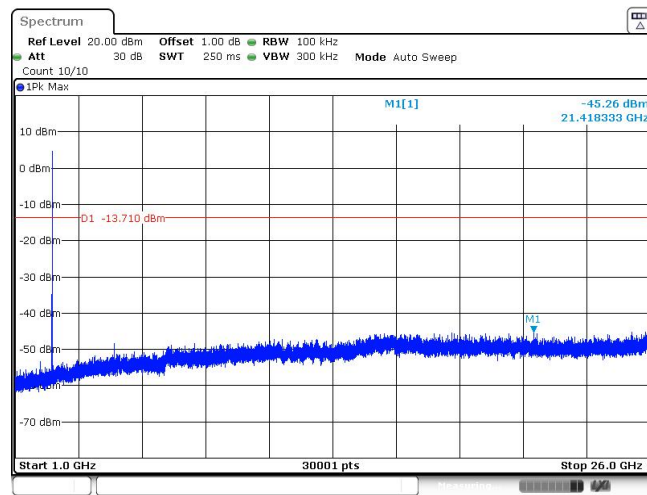
Date: 17 MAY 2022 14:47:55

CH39
30MHz~1000MHz



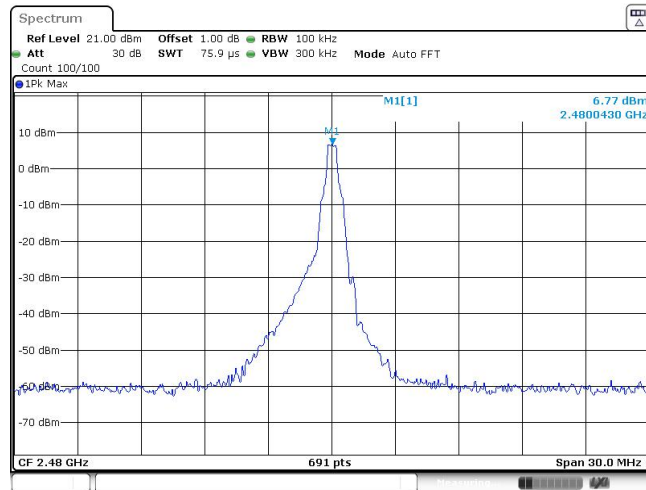
Date: 17 MAY 2022 14:48:10

CH39
1GHz~26GHz



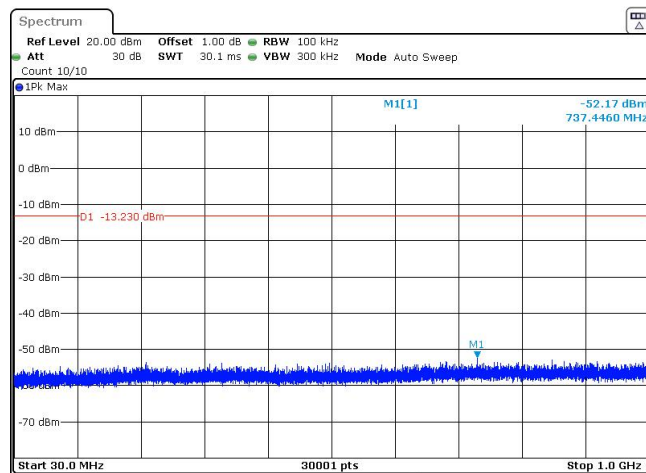
Date: 17 MAY 2022 14:48:26

CH78
Reference level



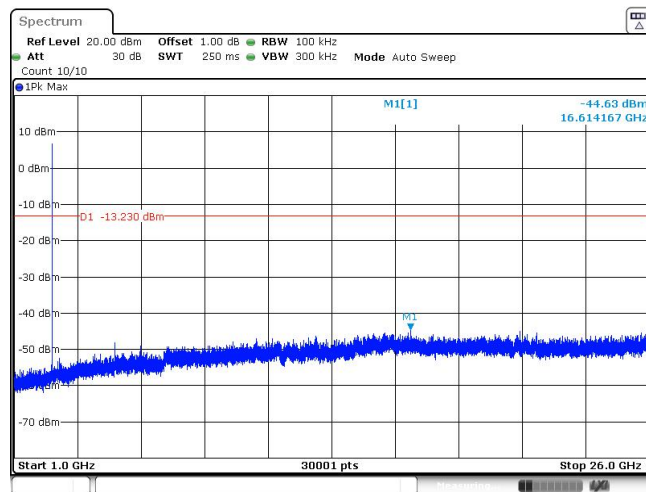
Date: 17 MAY 2022 14:37:47

CH78
30MHz~1000MHz

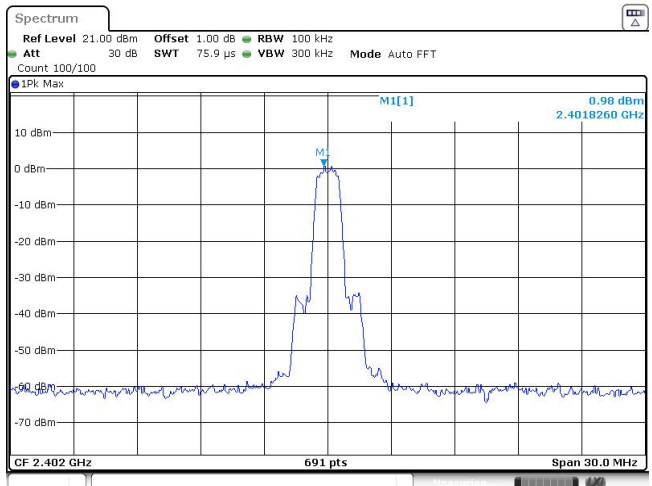
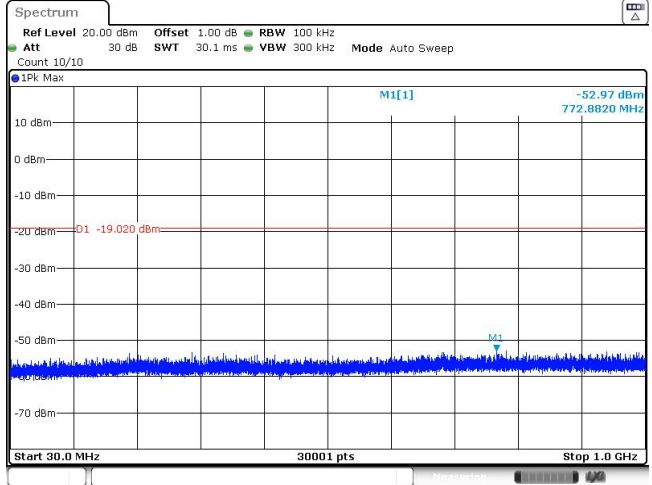
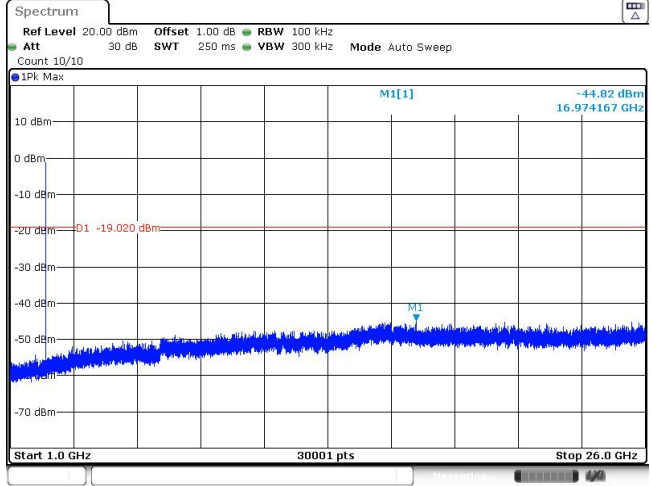


Date: 17 MAY 2022 14:38:02

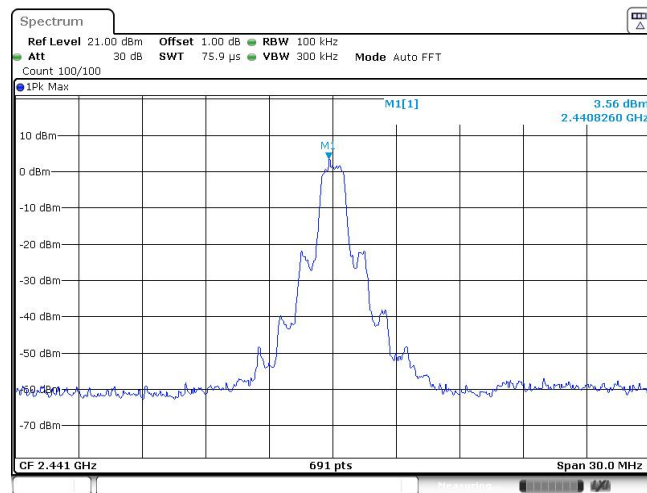
CH78
1GHz~26GHz



Date: 17 MAY 2022 14:38:17

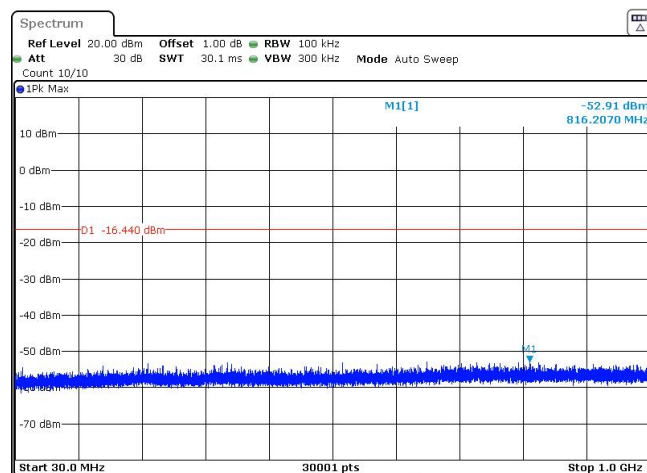
Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
CH00 Reference level	 Date: 17 MAY 2022 14:56:54		
CH00 30MHz~1000MHz	 Date: 17 MAY 2022 14:57:09		
CH00 1GHz~26GHz	 Date: 17 MAY 2022 14:57:25		

CH39
Reference level



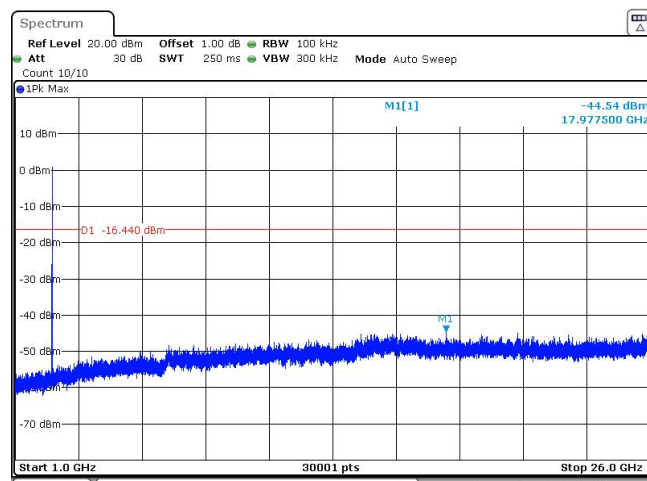
Date: 17 MAY 2022 15:01:36

CH39
30MHz~1000MHz



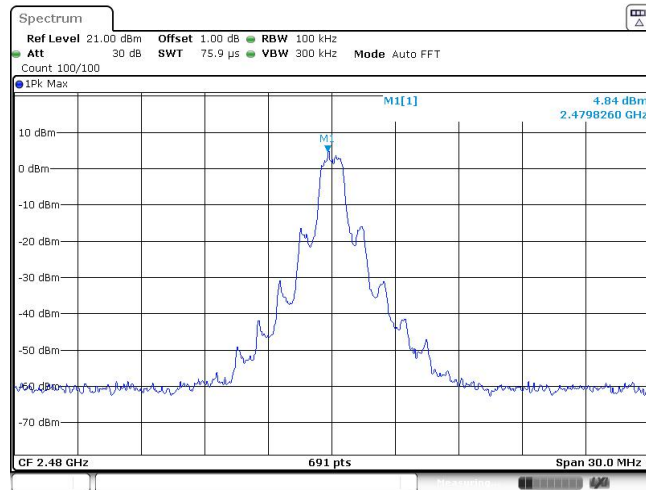
Date: 17 MAY 2022 15:01:51

CH39
1GHz~26GHz



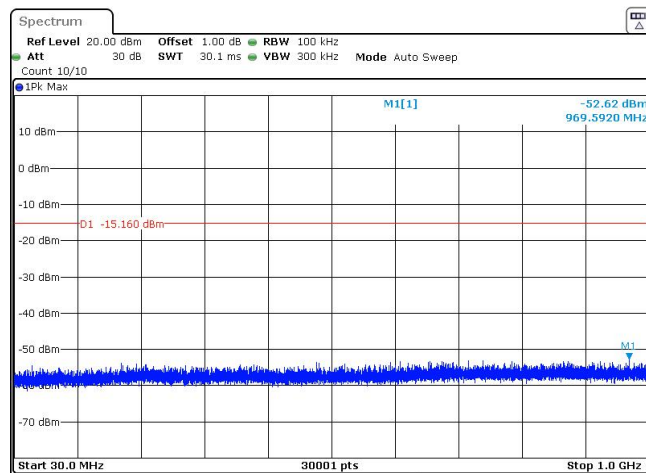
Date: 17 MAY 2022 15:02:07

CH78
Reference level



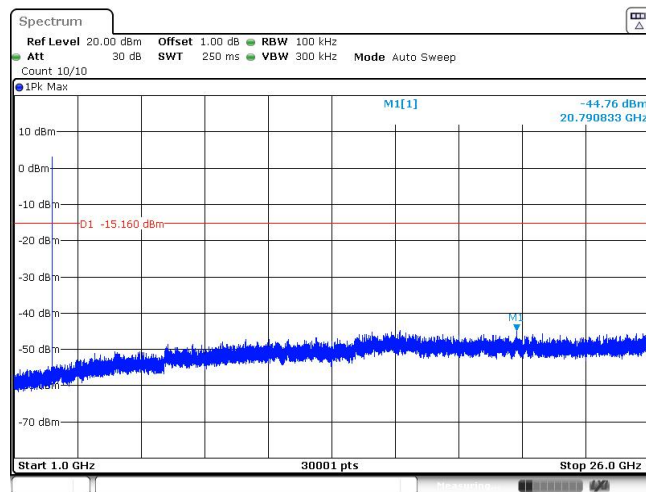
Date: 17 MAY 2022 14:59:36

CH78
30MHz~1000MHz

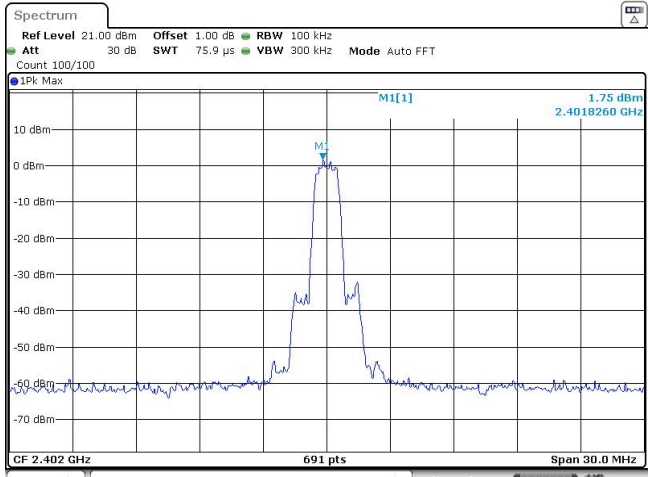
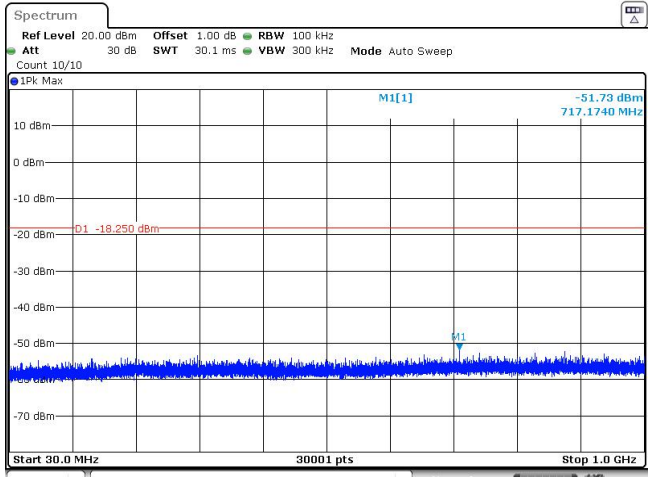
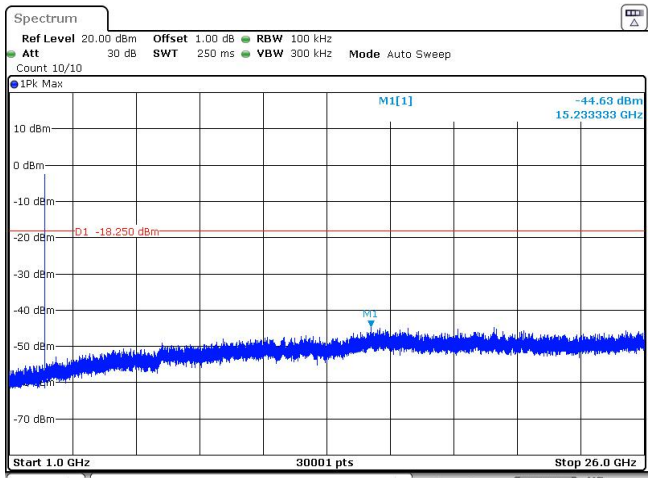


Date: 17 MAY 2022 14:59:51

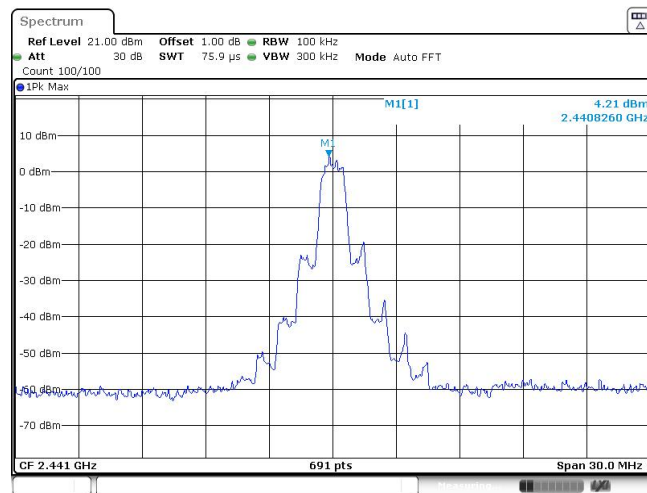
CH78
1GHz~26GHz



Date: 17 MAY 2022 15:00:06

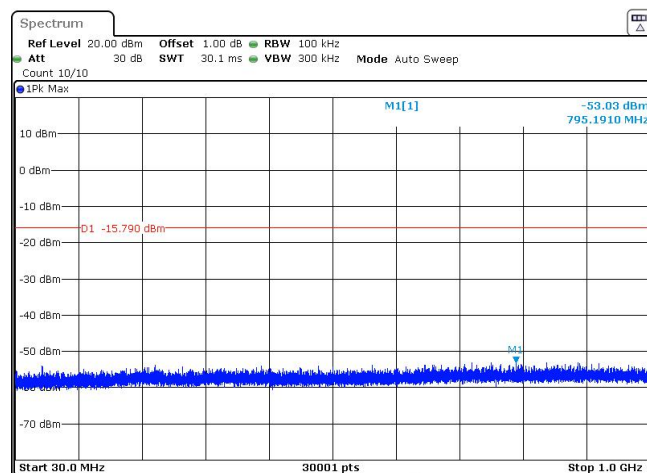
Test Item:	Spurious Emission	Modulation type:	8DPSK
CH00 Reference level	 Date: 17 MAY 2022 15:08:45		
CH00 30MHz~1000MHz	 Date: 17 MAY 2022 15:09:00		
CH00 1GHz~26GHz	 Date: 17 MAY 2022 15:09:16		

CH39
Reference level



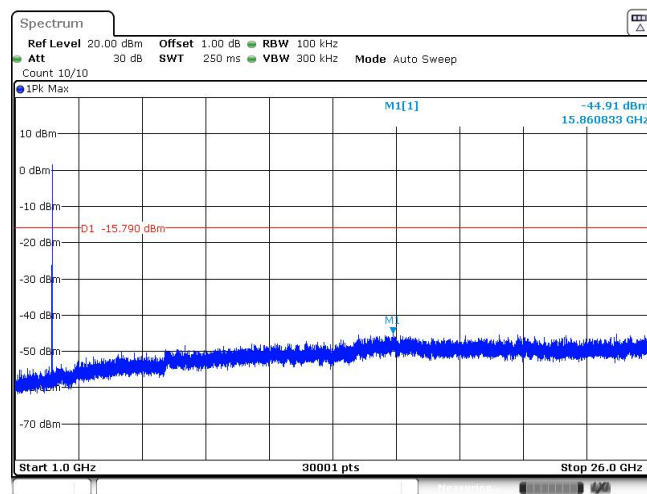
Date: 17 MAY 2022 15:13:44

CH39
30MHz~1000MHz



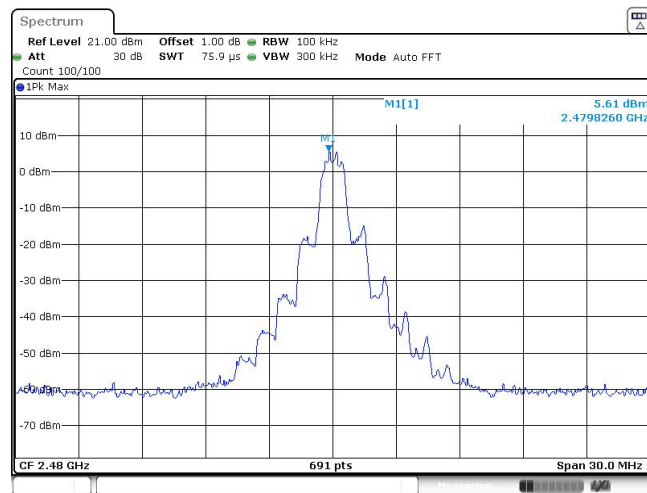
Date: 17 MAY 2022 15:13:59

CH39
1GHz~26GHz



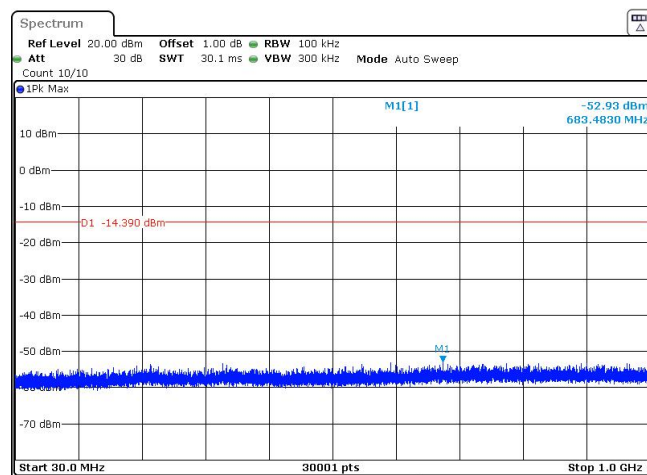
Date: 17 MAY 2022 15:14:14

CH78
Reference level



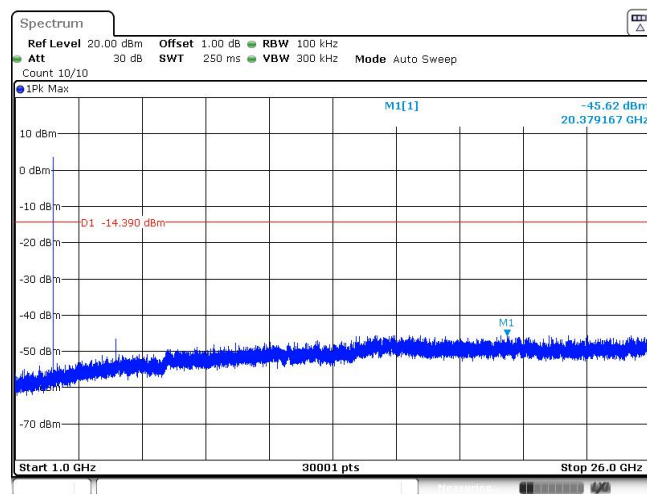
Date: 17 MAY 2022 15:11:22

CH78
30MHz~1000MHz



Date: 17 MAY 2022 15:11:37

CH78
1GHz~26GHz



Date: 17 MAY 2022 15:11:52

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