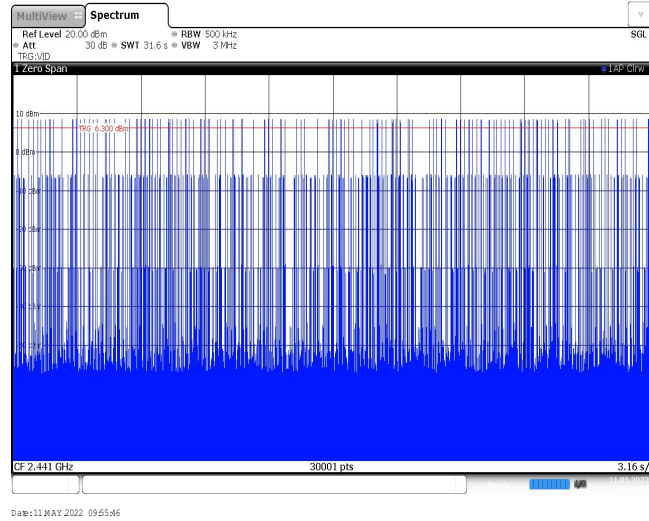
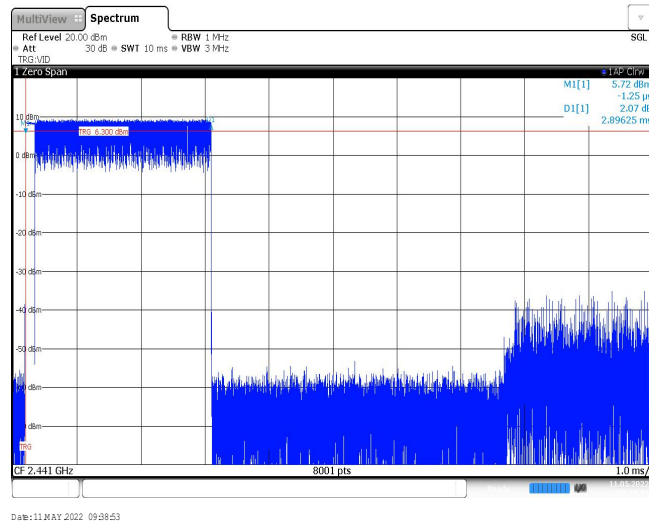


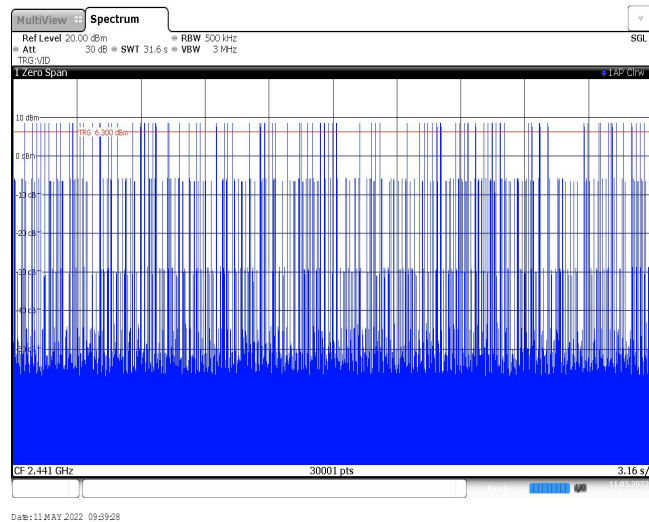
2DH3
Burst number



2DH5
Burst width

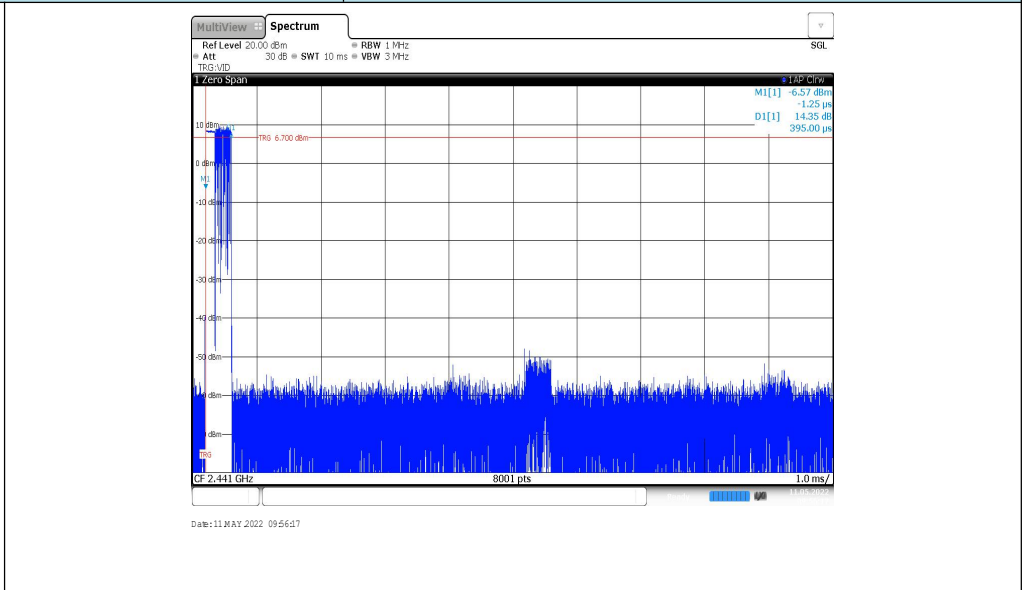


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Burst number

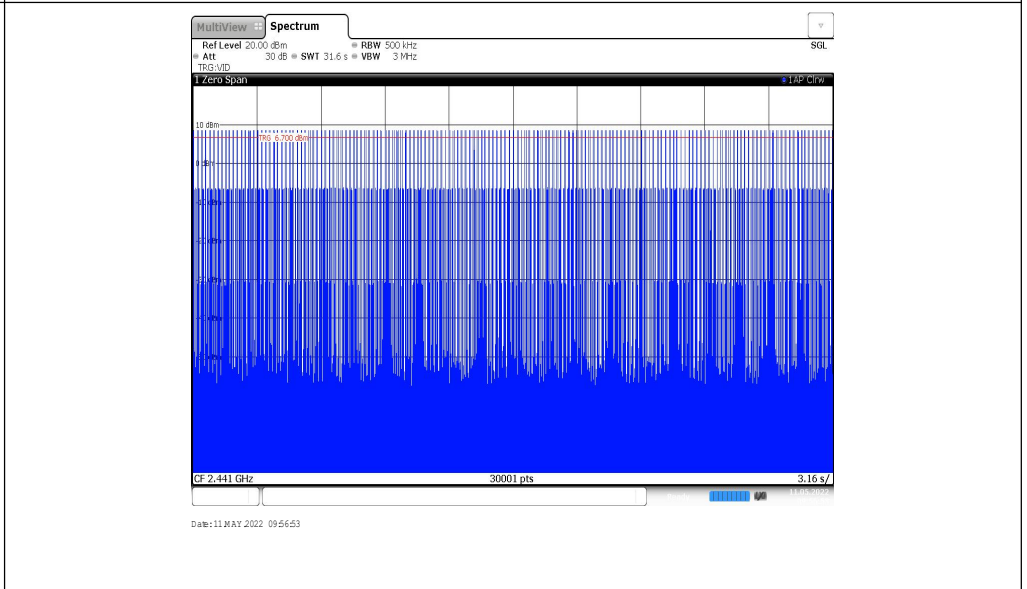


Modulation Type: 8DPSK

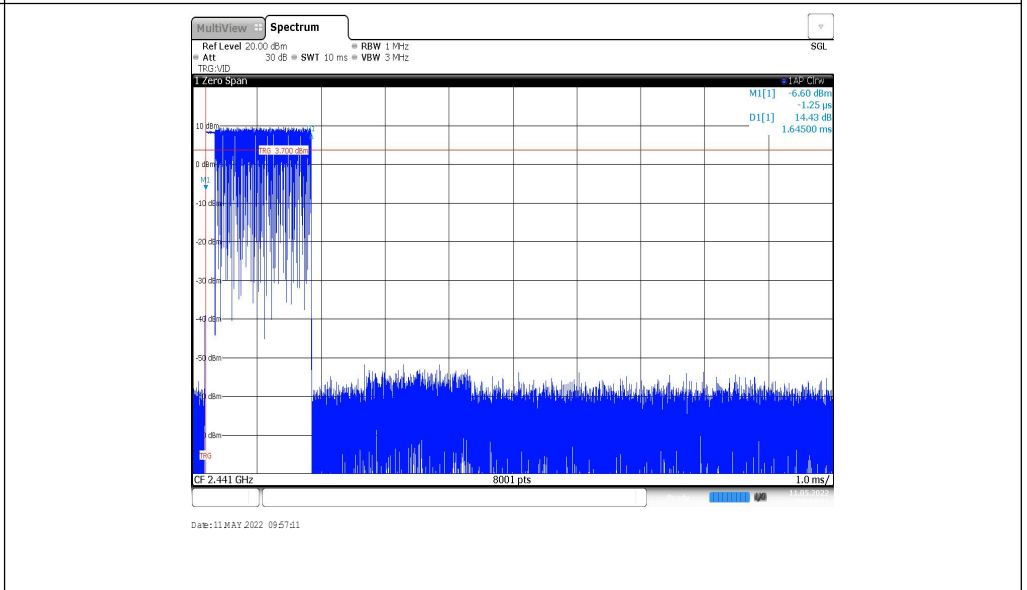
3DH1
Burst width



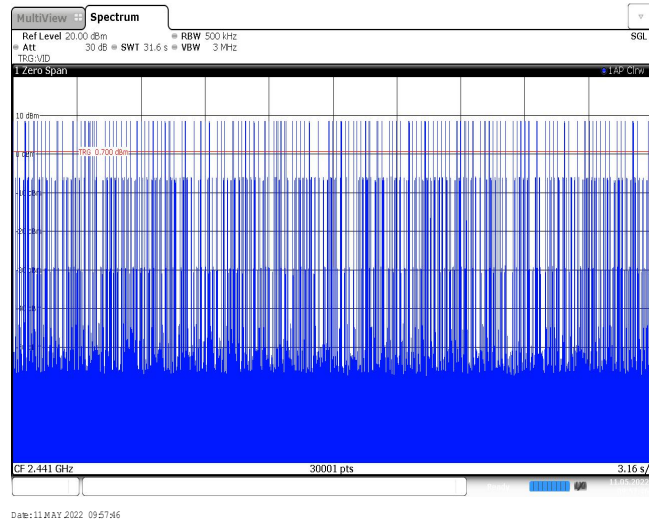
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Burst number



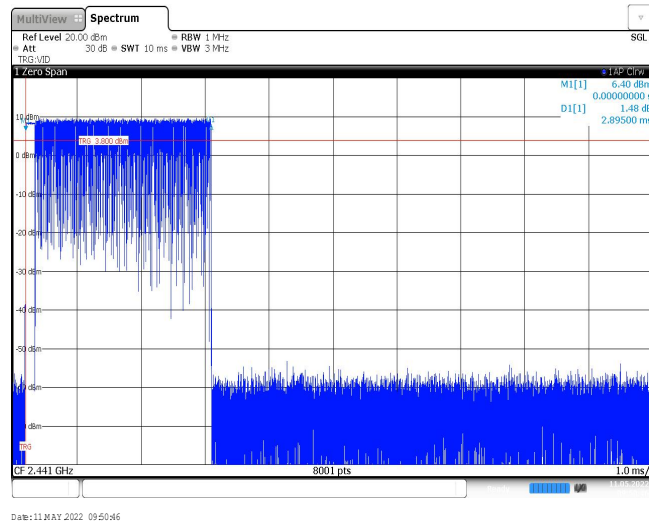
3DH3
Burst width



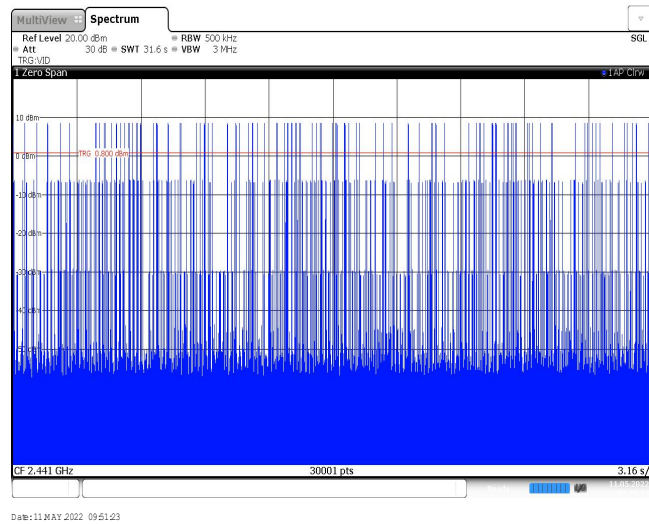
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Burst number



3DH5
Burst width



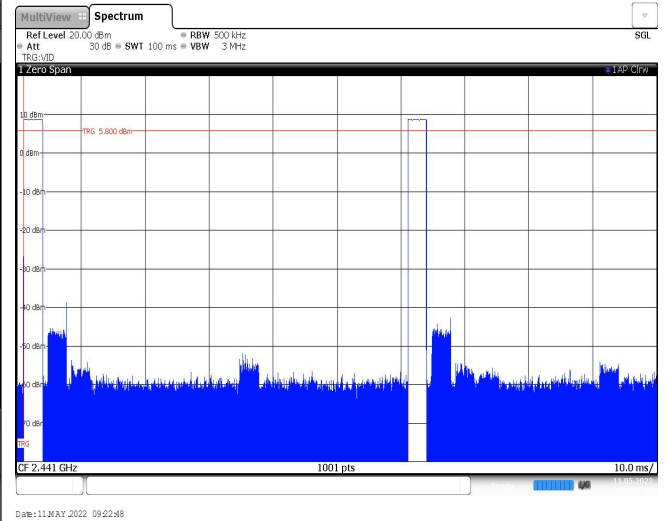
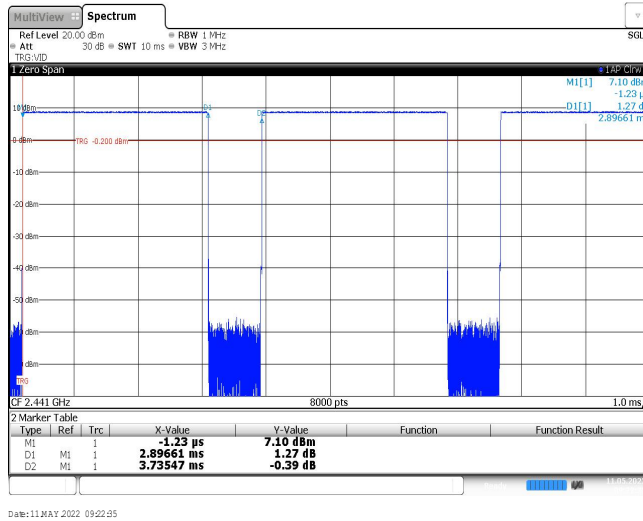
3DH5
Burst number



Appendix G: Duty Cycle Correction Factor (DCCF)

DCCF Calculate Formula					
DCCF=20 * Log(duty cycle) = 20 * Log($T_{on\ time} / T_{period}$)					
Modulation type	Test Frequency (MHz)	$T_{on\ time}$ for single burst [ms]	T_{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.90	100	2	-24.73
$\pi/4$ DQPSK	2441	2.89	100	1	-30.78
8DPSK	2441	2.89	100	1	-30.78

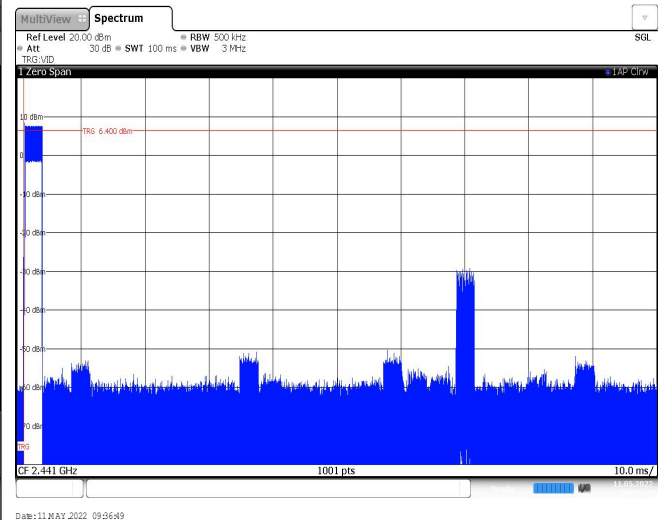
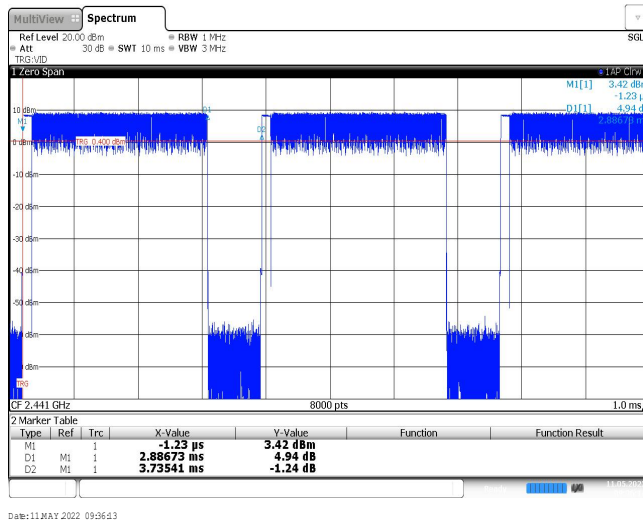
GFSK



Ton time for single burst

Burst Quantity

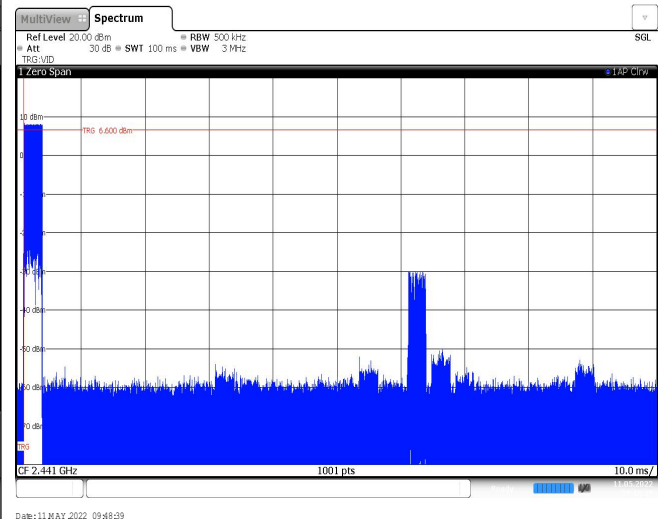
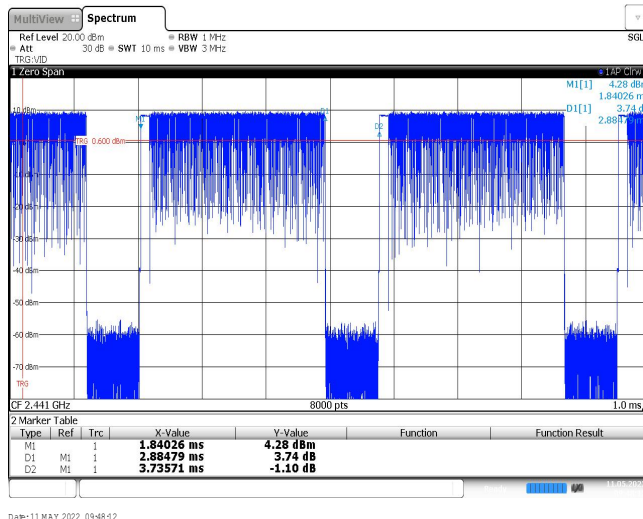
$\pi/4$ DQPSK



Ton time for single burst

Burst Quantity

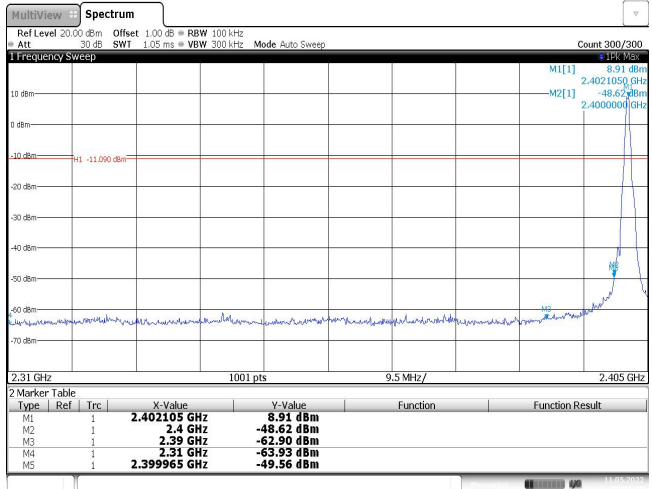
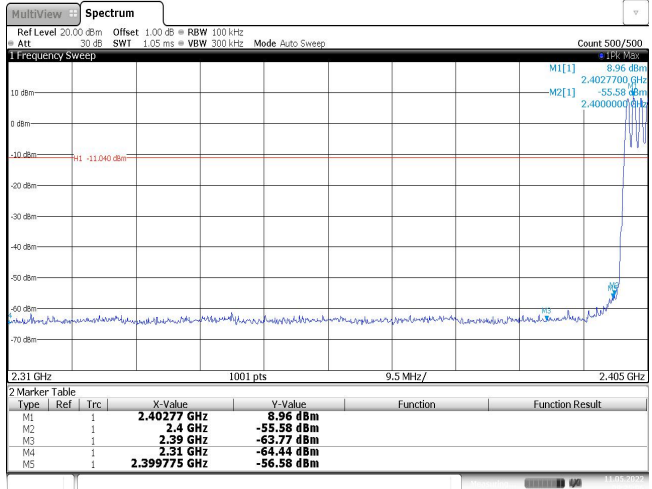
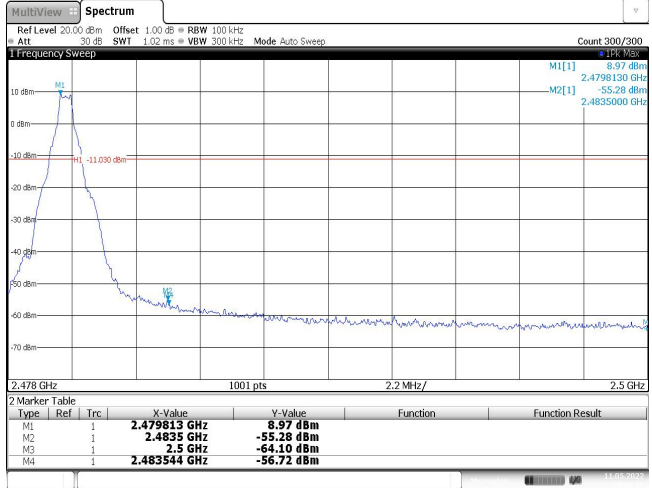
8DPSK



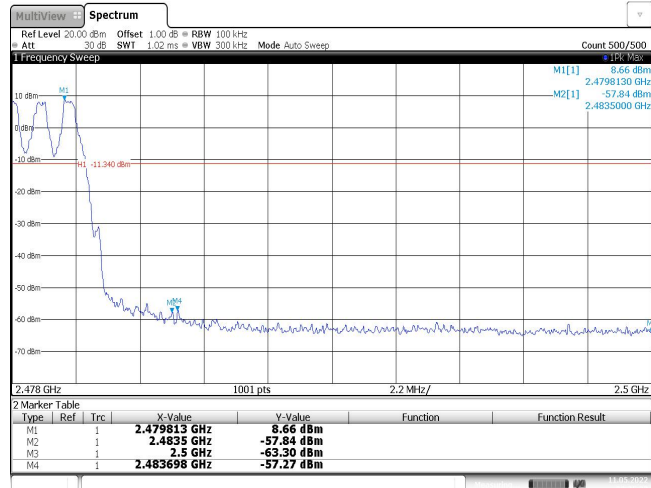
Ton time for single burst

Burst Quantity

Appendix H: Band edge and Spurious Emissions (conducted)

Test Item:	Band edge	Modulation type:	GFSK																																										
<p>CH00 No hopping mode</p>	 <table border="1" data-bbox="683 734 1337 840"> <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>2.402103 GHz</td> <td>8.91 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-48.62 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-62.90 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.93 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399965 GHz</td> <td>-49.56 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 MAY 2022 09:46:55</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402103 GHz	8.91 dBm			M2	1		2.4 GHz	-48.62 dBm			M3	1		2.39 GHz	-62.90 dBm			M4	1		2.31 GHz	-63.93 dBm			M5	1		2.399965 GHz	-49.56 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.402103 GHz	8.91 dBm																																									
M2	1		2.4 GHz	-48.62 dBm																																									
M3	1		2.39 GHz	-62.90 dBm																																									
M4	1		2.31 GHz	-63.93 dBm																																									
M5	1		2.399965 GHz	-49.56 dBm																																									
<p>CH00 Hopping mode</p>	 <table border="1" data-bbox="683 1283 1337 1388"> <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>2.402770 GHz</td> <td>8.96 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-55.58 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.77 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.44 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399775 GHz</td> <td>-56.58 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 MAY 2022 09:25:06</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402770 GHz	8.96 dBm			M2	1		2.4 GHz	-55.58 dBm			M3	1		2.39 GHz	-63.77 dBm			M4	1		2.31 GHz	-64.44 dBm			M5	1		2.399775 GHz	-56.58 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.402770 GHz	8.96 dBm																																									
M2	1		2.4 GHz	-55.58 dBm																																									
M3	1		2.39 GHz	-63.77 dBm																																									
M4	1		2.31 GHz	-64.44 dBm																																									
M5	1		2.399775 GHz	-56.58 dBm																																									
<p>CH78 No hopping mode</p>	 <table border="1" data-bbox="683 1843 1337 1937"> <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>2.479813 GHz</td> <td>8.97 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.48335 GHz</td> <td>-55.25 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-64.10 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.483544 GHz</td> <td>-56.72 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 MAY 2022 09:48:56</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479813 GHz	8.97 dBm			M2	1		2.48335 GHz	-55.25 dBm			M3	1		2.5 GHz	-64.10 dBm			M4	1		2.483544 GHz	-56.72 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.479813 GHz	8.97 dBm																																									
M2	1		2.48335 GHz	-55.25 dBm																																									
M3	1		2.5 GHz	-64.10 dBm																																									
M4	1		2.483544 GHz	-56.72 dBm																																									

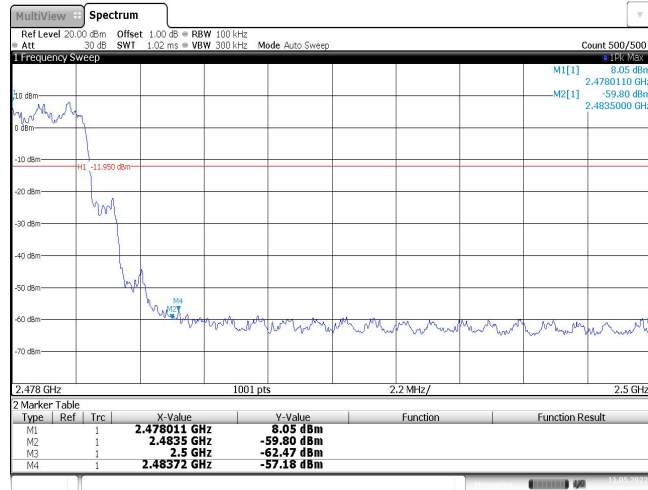
CH78
Hopping mode



Date: 11 MAY 2022 09:25:22

Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
<p>CH00 No hopping mode</p>	<p>2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz</p> <table border="1"> <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>2.40201 GHz</td> <td>8.34 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-39.95 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.30 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.08 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.39949 GHz</td> <td>-35.27 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 MAY 2022 09:29:50</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40201 GHz	8.34 dBm			M2	1		2.4 GHz	-39.95 dBm			M3	1		2.39 GHz	-63.30 dBm			M4	1		2.31 GHz	-63.08 dBm			M5	1		2.39949 GHz	-35.27 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.40201 GHz	8.34 dBm																																									
M2	1		2.4 GHz	-39.95 dBm																																									
M3	1		2.39 GHz	-63.30 dBm																																									
M4	1		2.31 GHz	-63.08 dBm																																									
M5	1		2.39949 GHz	-35.27 dBm																																									
<p>CH00 Hopping mode</p>	<p>2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz</p> <table border="1"> <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>2.403149 GHz</td> <td>8.56 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-42.41 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-62.73 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.52 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399365 GHz</td> <td>-41.52 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 MAY 2022 09:58:06</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.403149 GHz	8.56 dBm			M2	1		2.4 GHz	-42.41 dBm			M3	1		2.39 GHz	-62.73 dBm			M4	1		2.31 GHz	-64.52 dBm			M5	1		2.399365 GHz	-41.52 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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M3	1		2.39 GHz	-62.73 dBm																																									
M4	1		2.31 GHz	-64.52 dBm																																									
M5	1		2.399365 GHz	-41.52 dBm																																									
<p>CH78 No hopping mode</p>	<p>2.478 GHz 1001 pts 2.2 MHz/ 2.5 GHz</p> <table border="1"> <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>2.479813 GHz</td> <td>8.53 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4798130 GHz</td> <td>-56.75 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-62.13 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.48372 GHz</td> <td>-55.99 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 MAY 2022 09:22:04</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479813 GHz	8.53 dBm			M2	1		2.4798130 GHz	-56.75 dBm			M3	1		2.5 GHz	-62.13 dBm			M4	1		2.48372 GHz	-55.99 dBm									
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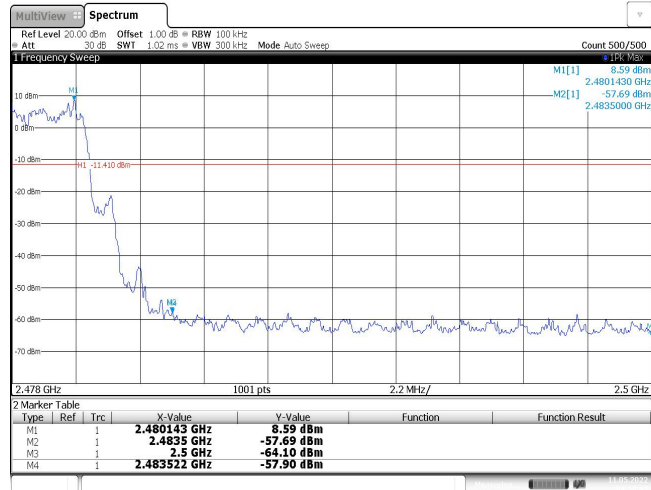
CH78
Hopping mode



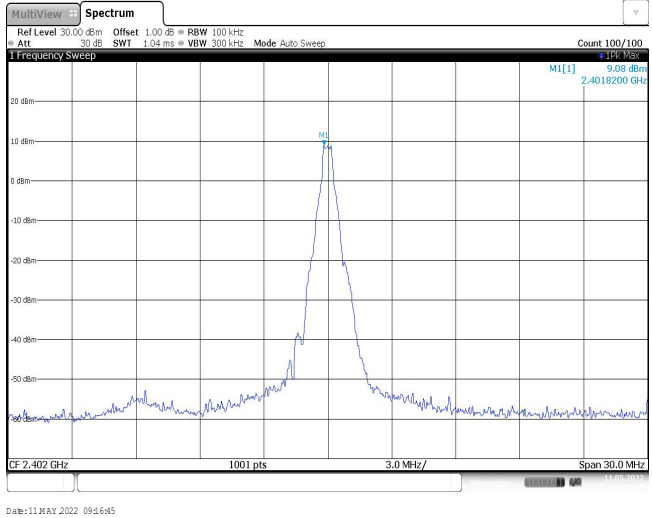
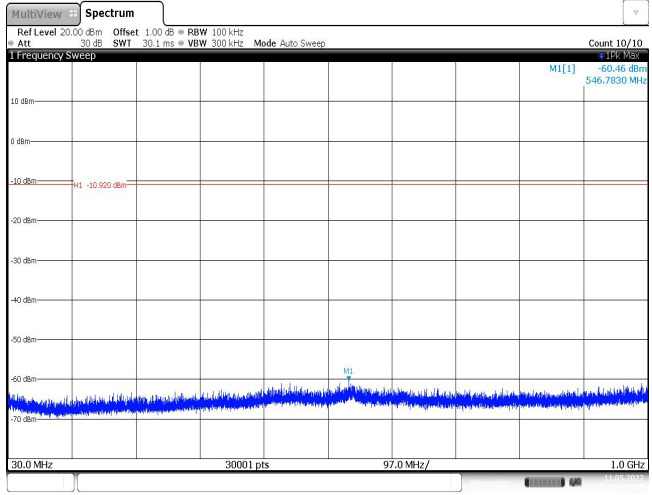
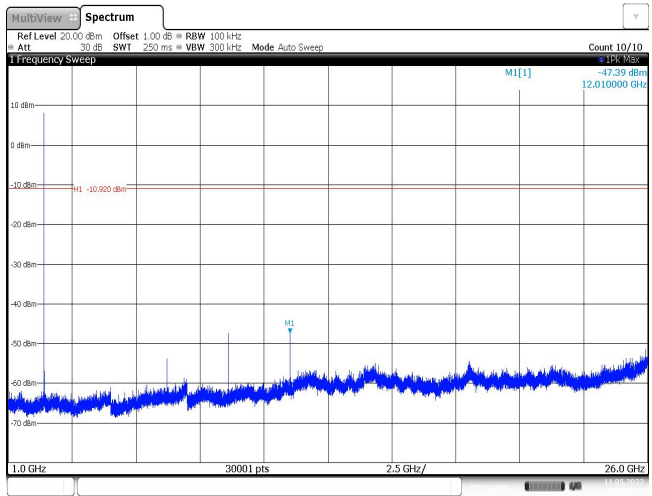
Date: 11 MAY 2022 09:58:21

Test Item:	Band edge	Modulation type:	8DPSK																																										
<p>CH00 No hopping mode</p>	<p>2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz</p> <table border="1"> <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>2.402105 GHz</td> <td>8.54 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-39.22 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-62.56 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.02 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.39949 GHz</td> <td>-35.48 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 MAY 2022 09:41:05</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	8.54 dBm			M2	1		2.4 GHz	-39.22 dBm			M3	1		2.39 GHz	-62.56 dBm			M4	1		2.31 GHz	-63.02 dBm			M5	1		2.39949 GHz	-35.48 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.402105 GHz	8.54 dBm																																									
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Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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M4	1		2.31 GHz	-63.11 dBm																																									
M5	1		2.399775 GHz	-40.18 dBm																																									
<p>CH78 No hopping mode</p>	<p>2.478 GHz 1001 pts 2.2 MHz/ 2.5 GHz</p> <table border="1"> <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>2.479813 GHz</td> <td>8.61 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-56.63 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-62.82 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.48361 GHz</td> <td>-54.36 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 MAY 2022 09:43:19</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479813 GHz	8.61 dBm			M2	1		2.4835 GHz	-56.63 dBm			M3	1		2.5 GHz	-62.82 dBm			M4	1		2.48361 GHz	-54.36 dBm									
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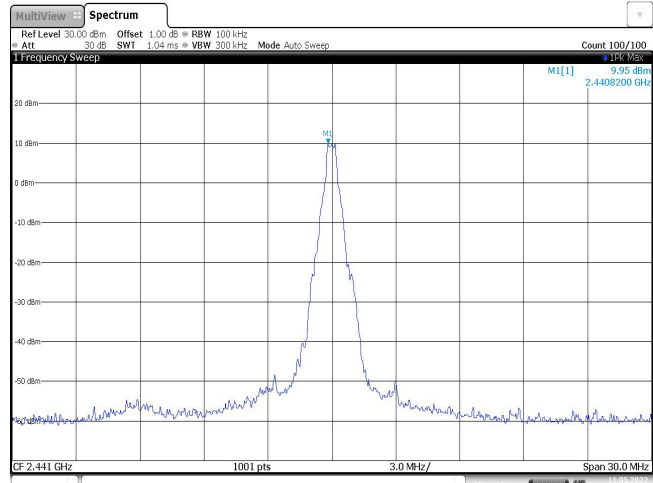
CH78
Hoppig mode



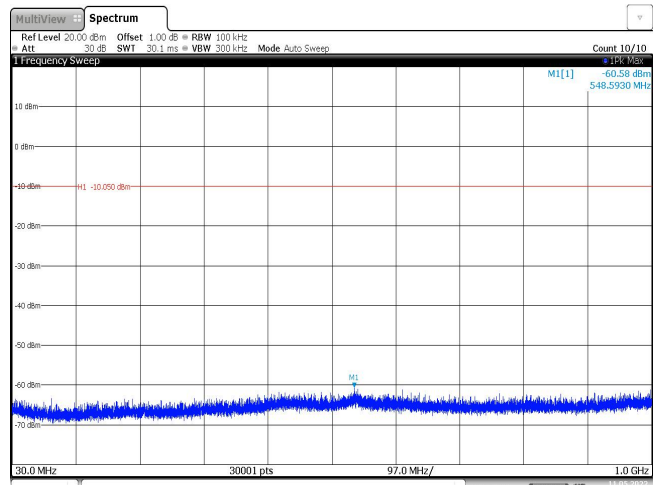
Date: 11 MAY 2022 09:50:15

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

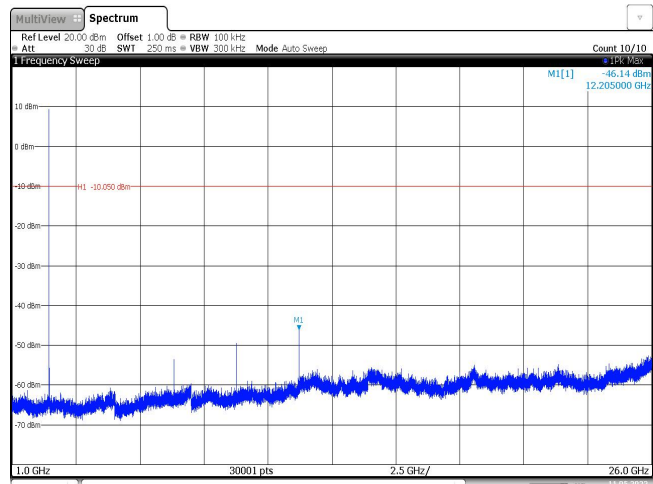
CH39
Reference level



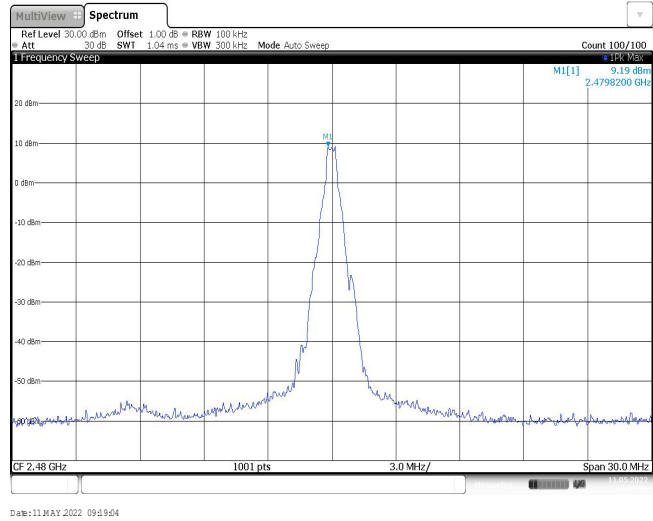
CH39
30MHz~1000MHz



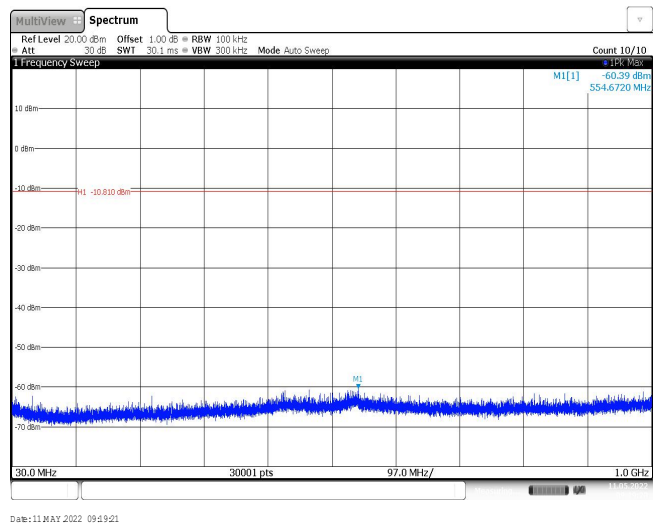
CH39
1GHz~26GHz



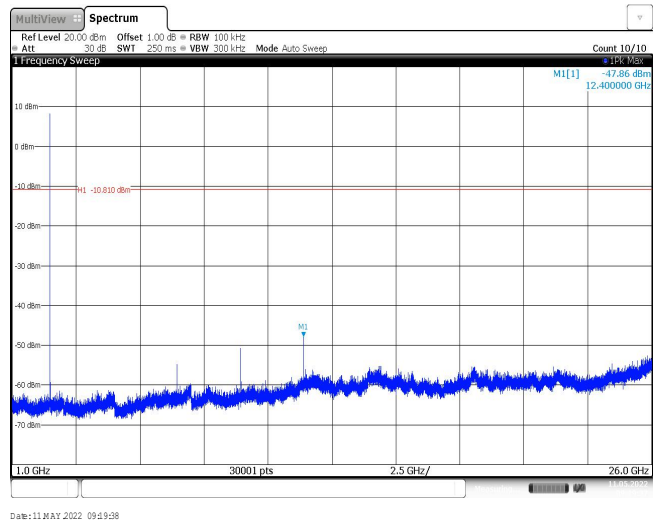
CH78
Reference level

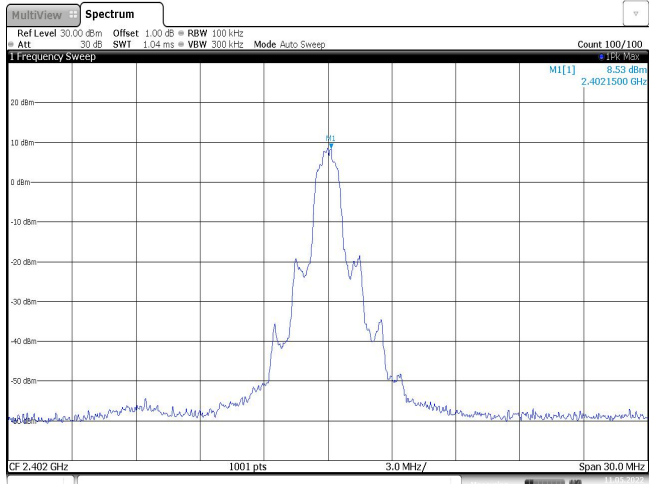
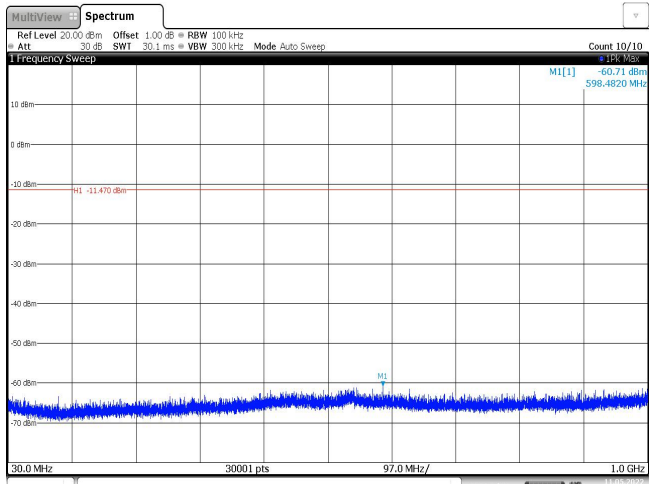
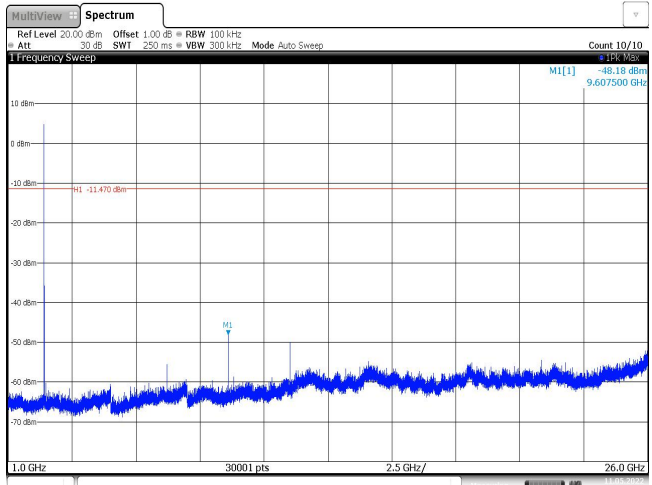


CH78
30MHz~1000MHz



CH78
1GHz~26GHz



Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
<p>CH00 Reference level</p>	 <p>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SW1 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 MI[1] -5.53 dBm 2.4021500 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 11 MAY 2022 09:29:58</p>		
<p>CH00 30MHz~1000MHz</p>	 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SW1 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -60.71 dBm 598.4820 MHz MI -11.470 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 11 MAY 2022 09:28:14</p>		
<p>CH00 1GHz~26GHz</p>	 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SW1 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -48.18 dBm 9.607500 GHz MI -11.470 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 11 MAY 2022 09:20:21</p>		