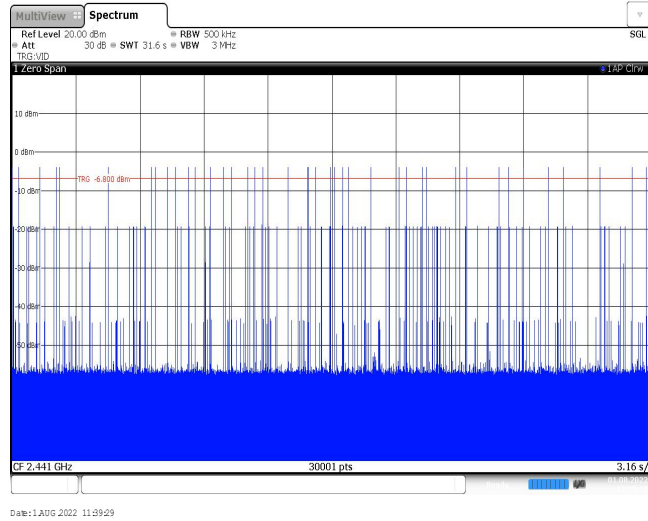
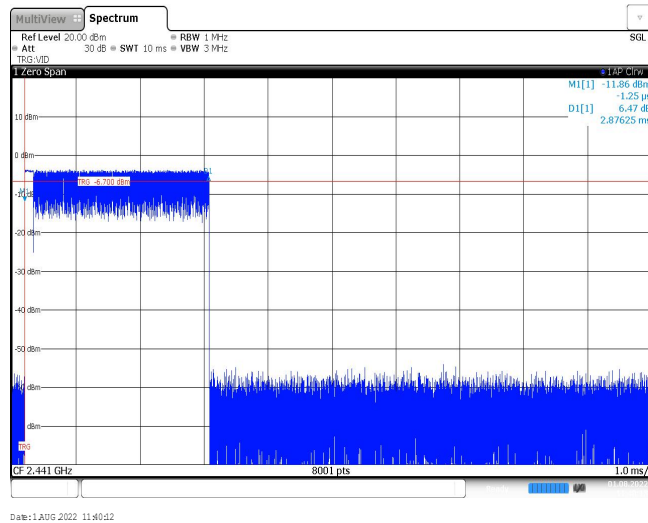


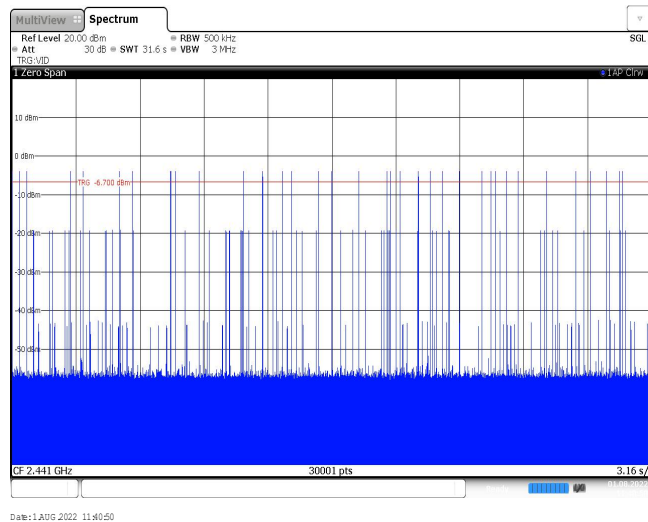
2DH3
Burst number



2DH5
Burst width

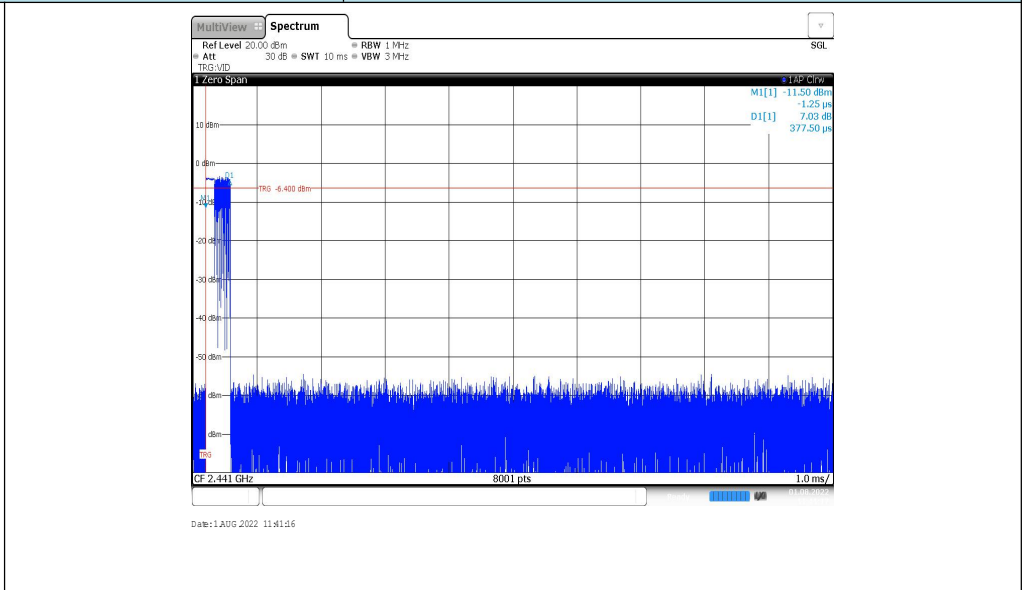


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Burst number

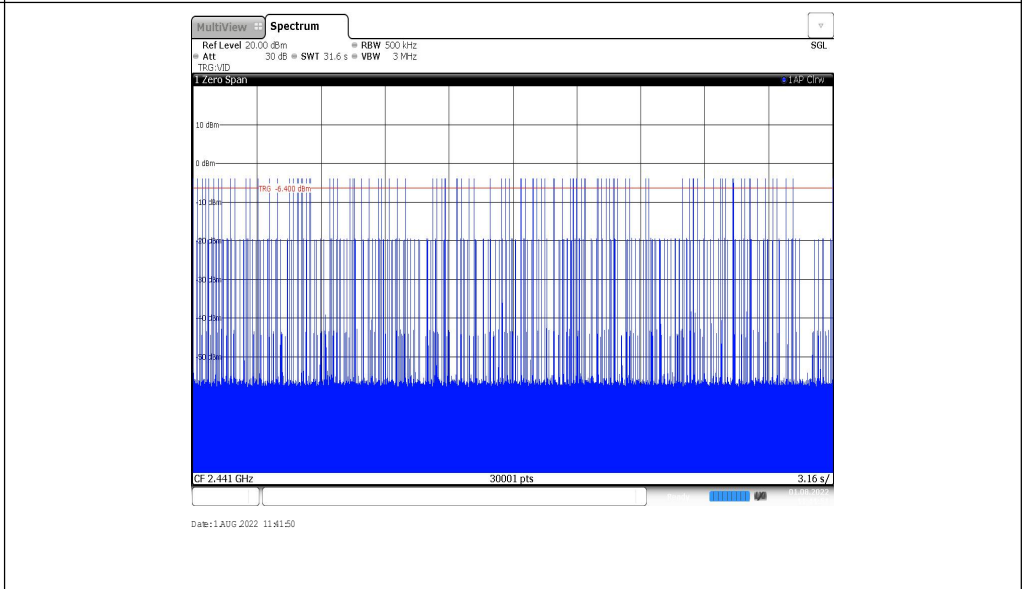


Modulation Type: 8DPSK

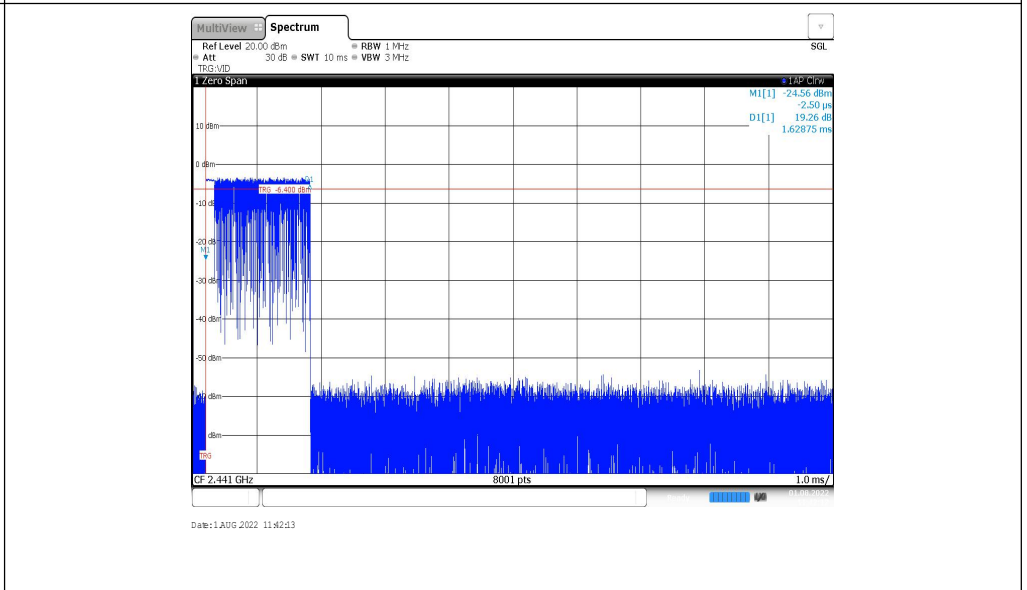
3DH1
Burst width



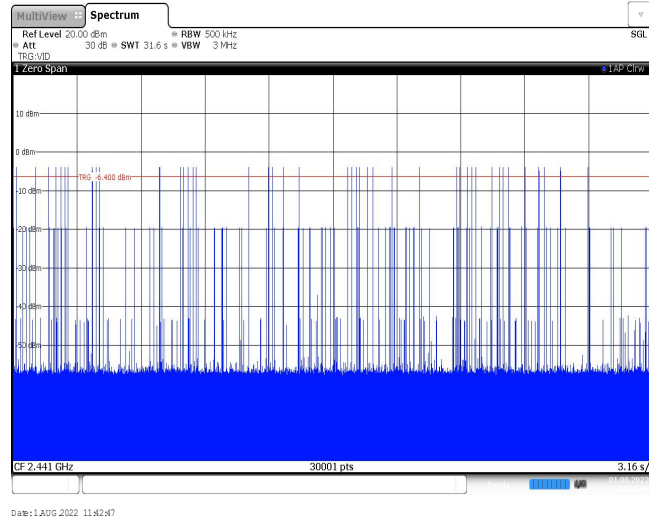
3DH1
Burst number



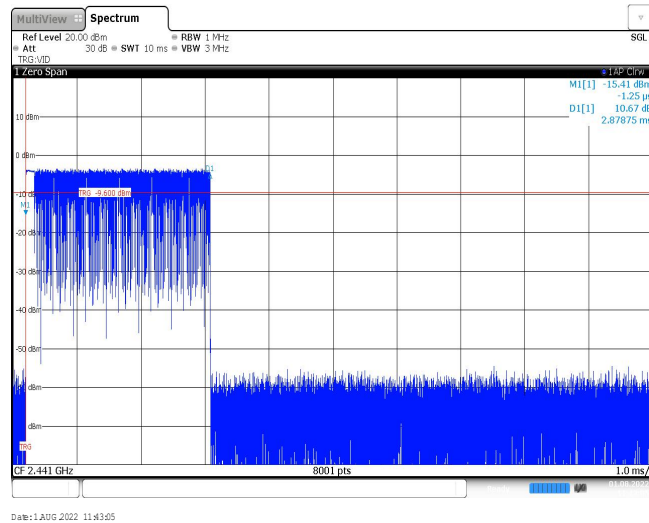
3DH3
Burst width



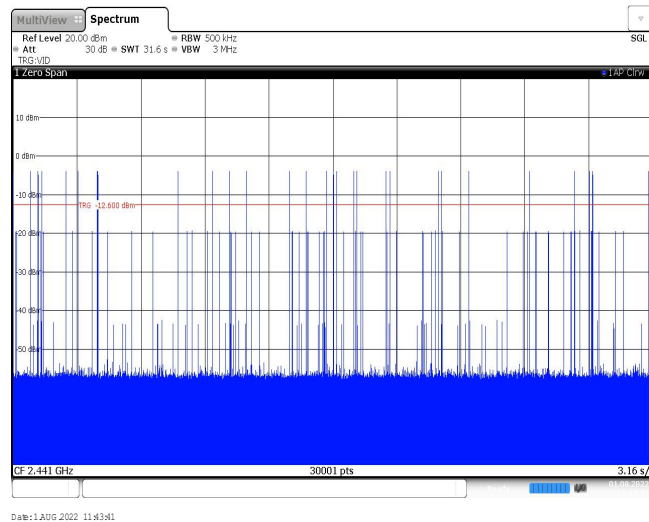
3DH3
Burst number



3DH5
Burst width



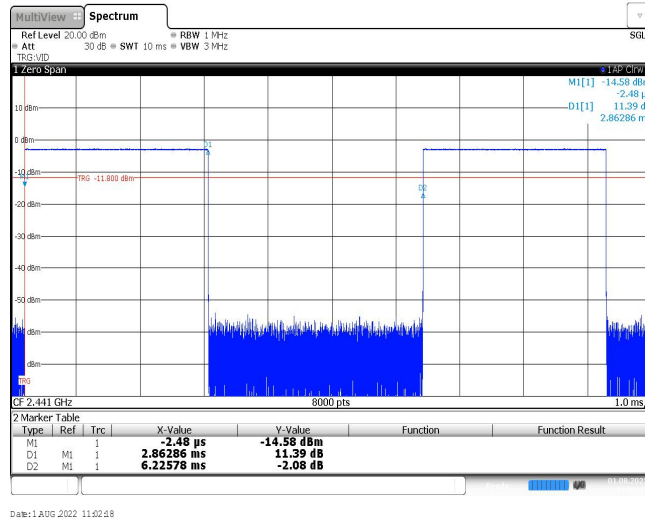
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Burst number



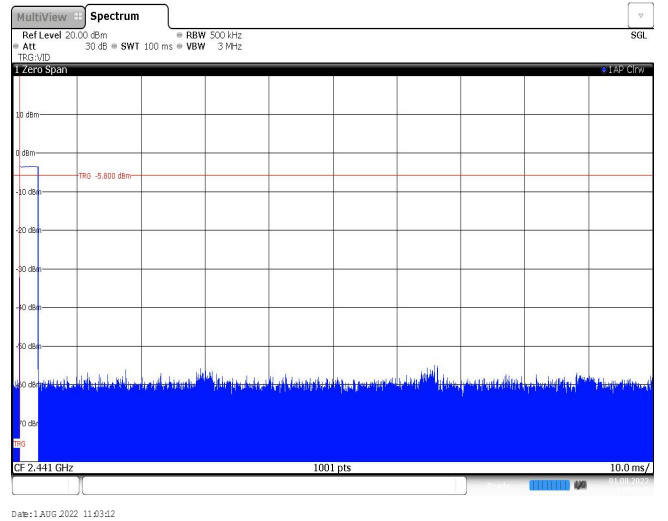
Appendix G: Duty Cycle Correction Factor (DCCF)

DCCF Calculate Formula					
DCCF=20 * Log(duty cycle) = 20 * Log($T_{\text{on time}} / T_{\text{period}}$)					
Modulation type	Test Frequency (MHz)	$T_{\text{on time}}$ for single burst [ms]	T_{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.86	100	1	-30.87
$\pi/4$ DQPSK	2441	2.87	100	2	-24.82
8DPSK	2441	2.87	100	1	-30.84

GFSK

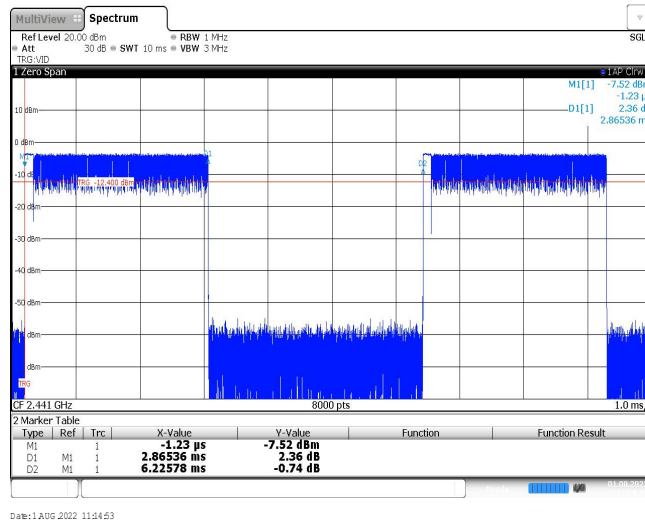


Ton time for single burst

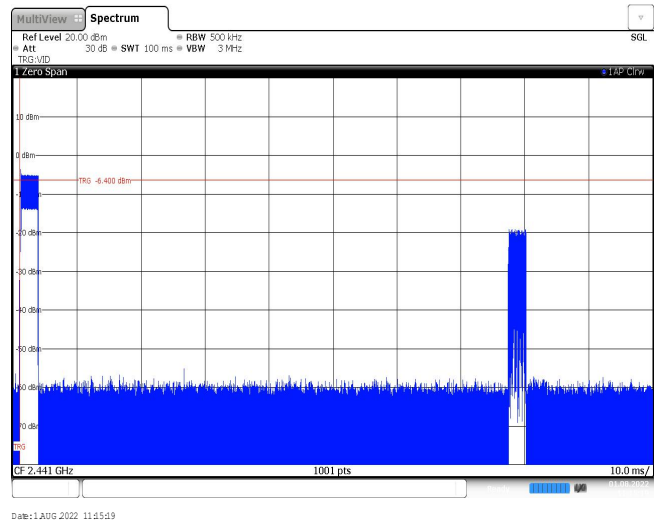


Burst Quantity

$\pi/4$ DQPSK

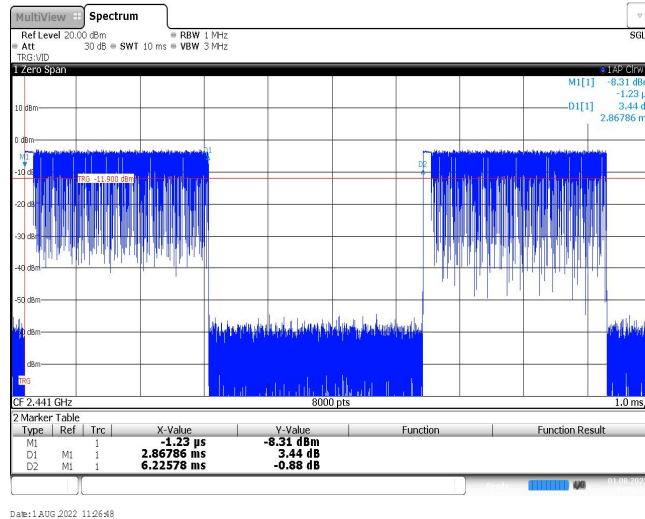


Ton time for single burst

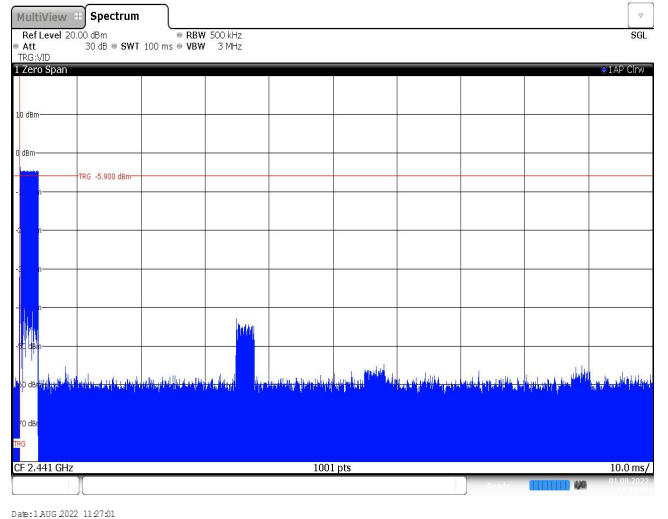


Burst Quantity

8DPSK

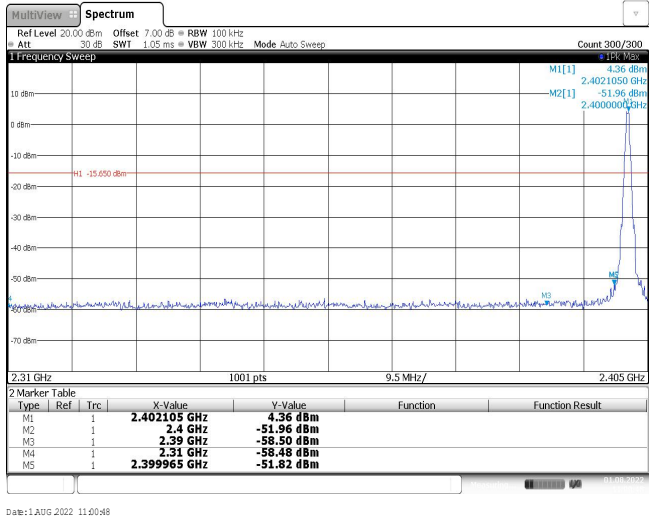
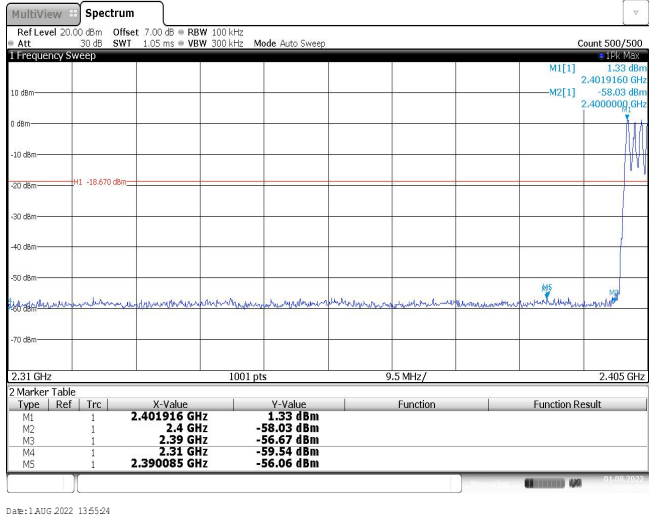
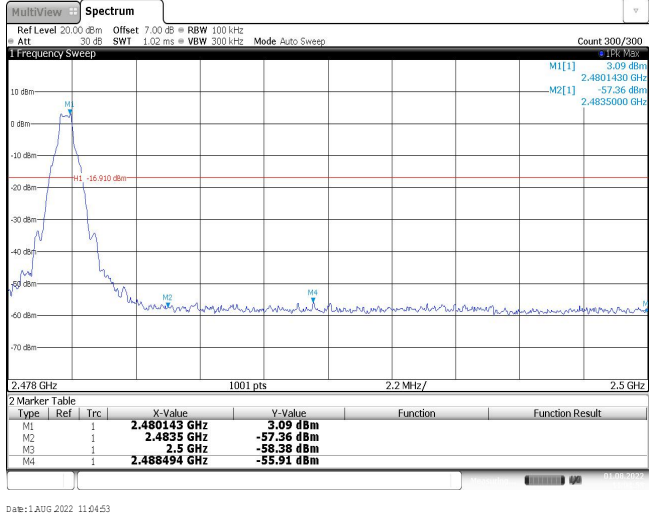


Ton time for single burst

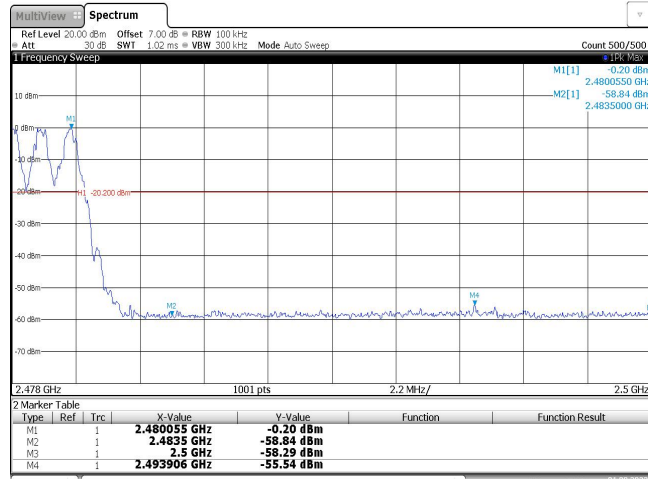


Burst Quantity

Appendix H: Band edge and Spurious Emissions (conducted)

Test Item:	Band edge	Modulation type:	GFSK																																										
<p>CH00 No hopping mode</p>	 <p>2 Marker Table</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>2.402103 GHz</td> <td>4.36 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-51.96 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-58.50 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-58.48 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399965 GHz</td> <td>-51.82 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 1 AUG 2022 11:00:48</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402103 GHz	4.36 dBm			M2	1		2.4 GHz	-51.96 dBm			M3	1		2.39 GHz	-58.50 dBm			M4	1		2.31 GHz	-58.48 dBm			M5	1		2.399965 GHz	-51.82 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.402103 GHz	4.36 dBm																																									
M2	1		2.4 GHz	-51.96 dBm																																									
M3	1		2.39 GHz	-58.50 dBm																																									
M4	1		2.31 GHz	-58.48 dBm																																									
M5	1		2.399965 GHz	-51.82 dBm																																									
<p>CH00 Hopping mode</p>	 <p>2 Marker Table</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>2.401916 GHz</td> <td>1.33 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-58.03 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-56.67 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-59.54 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.390085 GHz</td> <td>-56.06 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 1 AUG 2022 13:55:24</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.401916 GHz	1.33 dBm			M2	1		2.4 GHz	-58.03 dBm			M3	1		2.39 GHz	-56.67 dBm			M4	1		2.31 GHz	-59.54 dBm			M5	1		2.390085 GHz	-56.06 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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M3	1		2.39 GHz	-56.67 dBm																																									
M4	1		2.31 GHz	-59.54 dBm																																									
M5	1		2.390085 GHz	-56.06 dBm																																									
<p>CH78 No hopping mode</p>	 <p>2 Marker Table</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>2.480143 GHz</td> <td>3.09 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4833 GHz</td> <td>-57.36 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-58.38 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.488494 GHz</td> <td>-55.91 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 1 AUG 2022 11:04:53</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.480143 GHz	3.09 dBm			M2	1		2.4833 GHz	-57.36 dBm			M3	1		2.5 GHz	-58.38 dBm			M4	1		2.488494 GHz	-55.91 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.480143 GHz	3.09 dBm																																									
M2	1		2.4833 GHz	-57.36 dBm																																									
M3	1		2.5 GHz	-58.38 dBm																																									
M4	1		2.488494 GHz	-55.91 dBm																																									

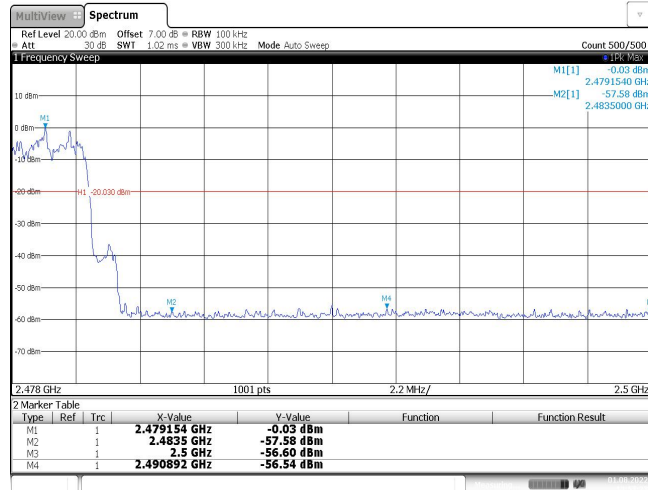
CH78
Hopping mode



Date: 1 AUG 2022 13:55:29

Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
<p>CH00 No hopping mode</p>	<p>2 Marker Table</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>2.401821 GHz</td> <td>3.43 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-51.50 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-57.88 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-58.96 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399965 GHz</td> <td>-51.76 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 1 AUG 2022 11:48:13</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.401821 GHz	3.43 dBm			M2	1		2.4 GHz	-51.50 dBm			M3	1		2.39 GHz	-57.88 dBm			M4	1		2.31 GHz	-58.96 dBm			M5	1		2.399965 GHz	-51.76 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.401821 GHz	3.43 dBm																																									
M2	1		2.4 GHz	-51.50 dBm																																									
M3	1		2.39 GHz	-57.88 dBm																																									
M4	1		2.31 GHz	-58.96 dBm																																									
M5	1		2.399965 GHz	-51.76 dBm																																									
<p>CH00 Hopping mode</p>	<p>2 Marker Table</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>1.35 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-58.00 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-57.98 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-58.98 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.39303 GHz</td> <td>-56.06 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 1 AUG 2022 13:57:08</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.403149 GHz	1.35 dBm			M2	1		2.4 GHz	-58.00 dBm			M3	1		2.39 GHz	-57.98 dBm			M4	1		2.31 GHz	-58.98 dBm			M5	1		2.39303 GHz	-56.06 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.403149 GHz	1.35 dBm																																									
M2	1		2.4 GHz	-58.00 dBm																																									
M3	1		2.39 GHz	-57.98 dBm																																									
M4	1		2.31 GHz	-58.98 dBm																																									
M5	1		2.39303 GHz	-56.06 dBm																																									
<p>CH78 No hopping mode</p>	<p>2 Marker Table</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>2.480143 GHz</td> <td>2.77 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-56.97 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-58.67 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.48383 GHz</td> <td>-55.30 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 1 AUG 2022 11:47:58</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.480143 GHz	2.77 dBm			M2	1		2.4835 GHz	-56.97 dBm			M3	1		2.5 GHz	-58.67 dBm			M4	1		2.48383 GHz	-55.30 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.480143 GHz	2.77 dBm																																									
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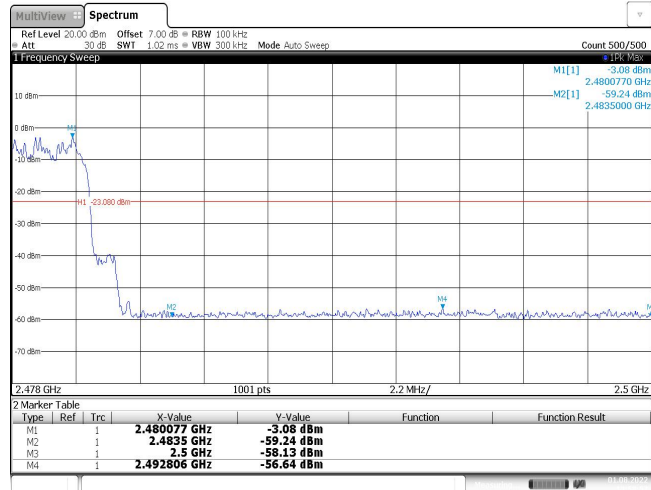
CH78
Hopping mode



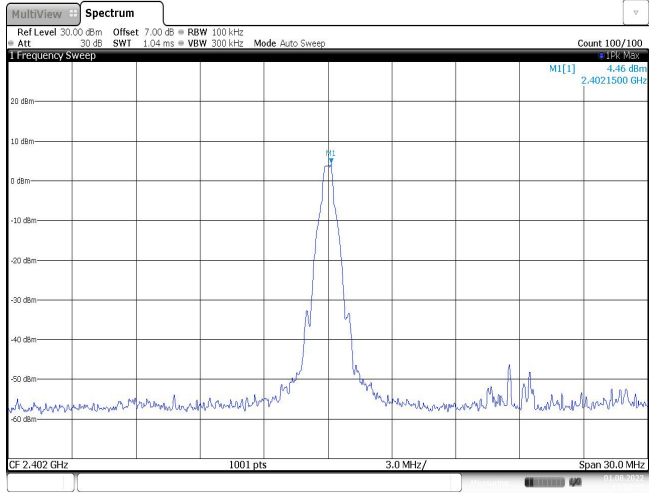
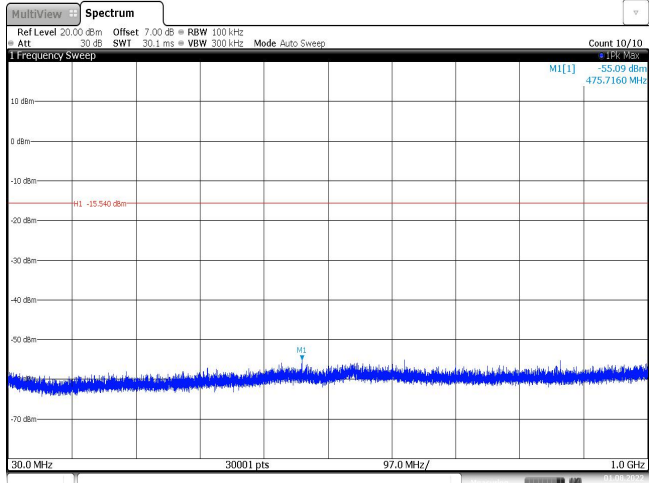
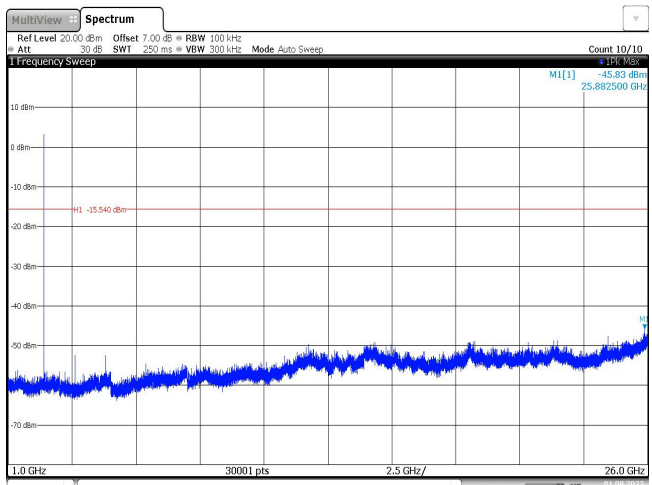
Date: 1 AUG 2022 13:57:23

Test Item:	Band edge	Modulation type:	8DPSK																																										
<p>CH00 No hopping mode</p>	<p>2 Marker Table</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>3.56 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-51.74 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-59.49 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-59.49 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.39987 GHz</td> <td>-52.00 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 1 AUG 2022 11:21:31</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	3.56 dBm			M2	1		2.4 GHz	-51.74 dBm			M3	1		2.39 GHz	-59.49 dBm			M4	1		2.31 GHz	-59.49 dBm			M5	1		2.39987 GHz	-52.00 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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M4	1		2.31 GHz	-59.49 dBm																																									
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Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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M4	1		2.31 GHz	-59.21 dBm																																									
M5	1		2.37269 GHz	-56.15 dBm																																									
<p>CH78 No hopping mode</p>	<p>2 Marker Table</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>2.480143 GHz</td> <td>2.78 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-56.04 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-57.44 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.483808 GHz</td> <td>-55.73 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 1 AUG 2022 11:29:13</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.480143 GHz	2.78 dBm			M2	1		2.4835 GHz	-56.04 dBm			M3	1		2.5 GHz	-57.44 dBm			M4	1		2.483808 GHz	-55.73 dBm									
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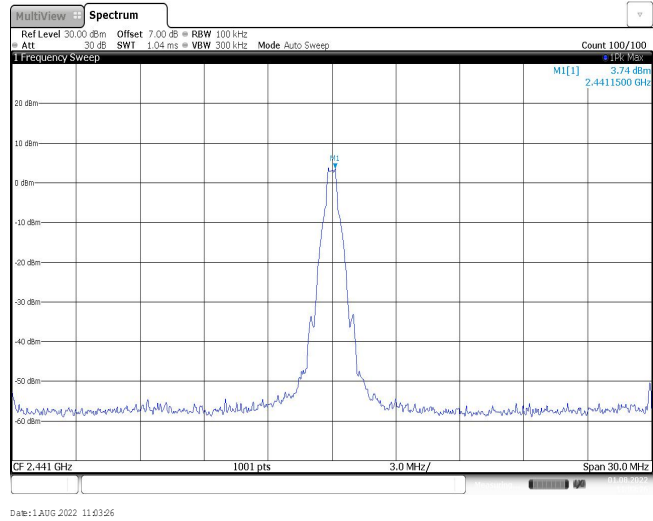
CH78
Hoppig mode



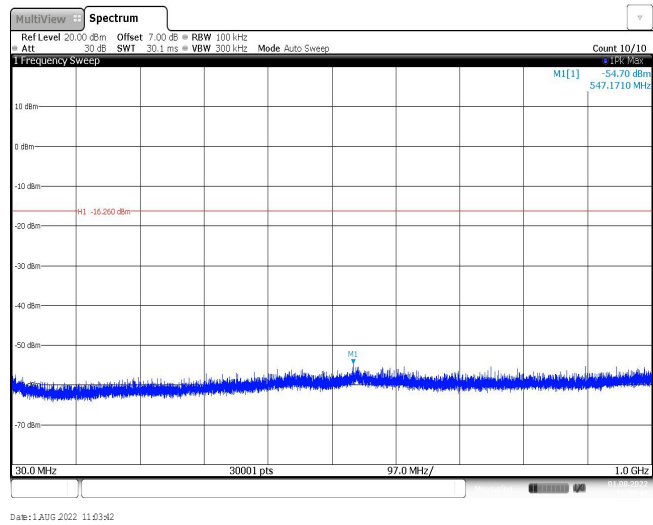
Date: 1 AUG 2022 13:58:57

Test Item:	Spurious Emission	Modulation type:	GFSK
<p>CH00 Reference level</p>	 <p>Date: 1 AUG 2022 11:40:55</p>		
<p>CH00 30MHz~1000MHz</p>	 <p>Date: 1 AUG 2022 11:01:11</p>		
<p>CH00 1GHz~26GHz</p>	 <p>Date: 1 AUG 2022 11:01:28</p>		

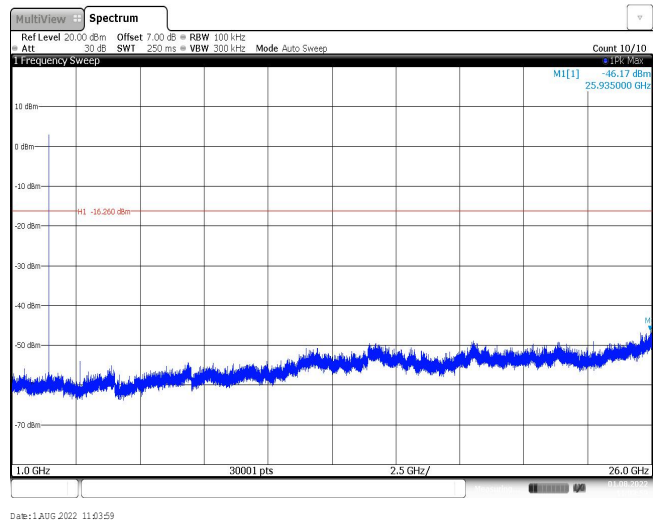
CH39
Reference level

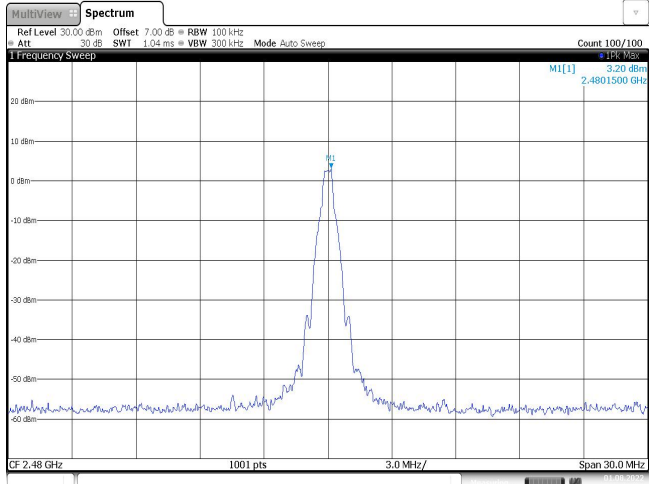
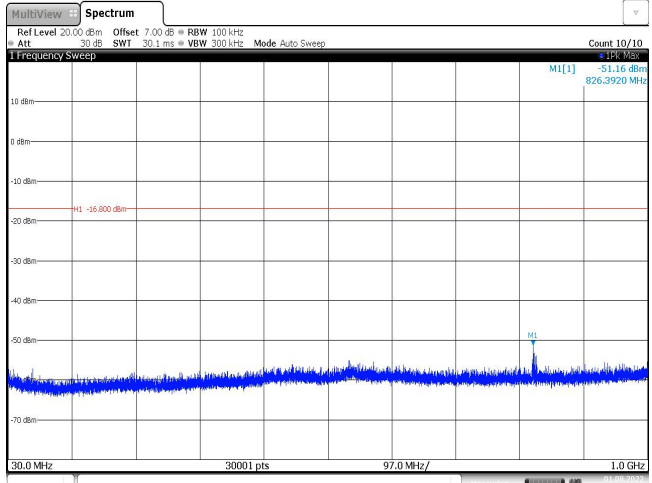
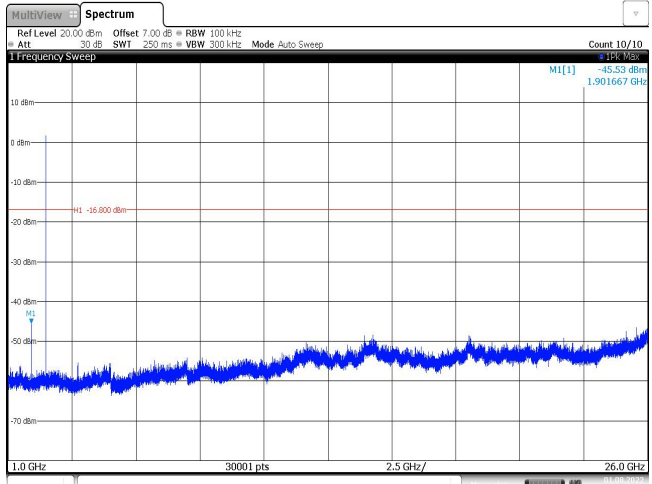


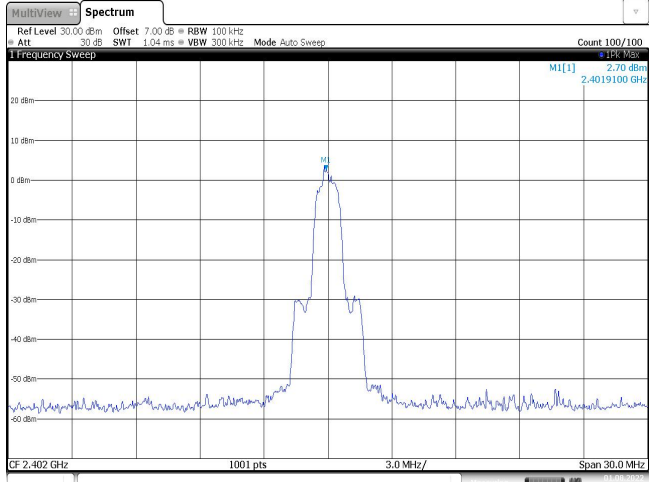
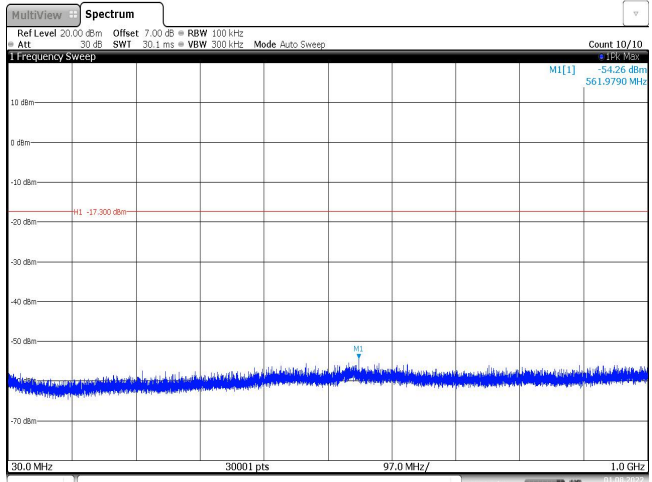
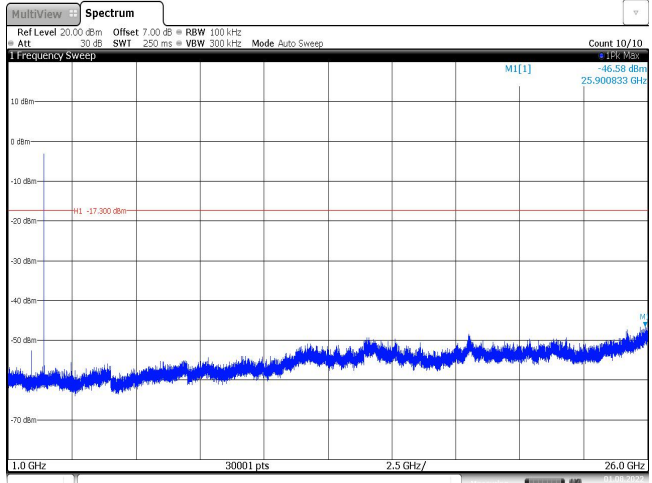
CH39
30MHz~1000MHz



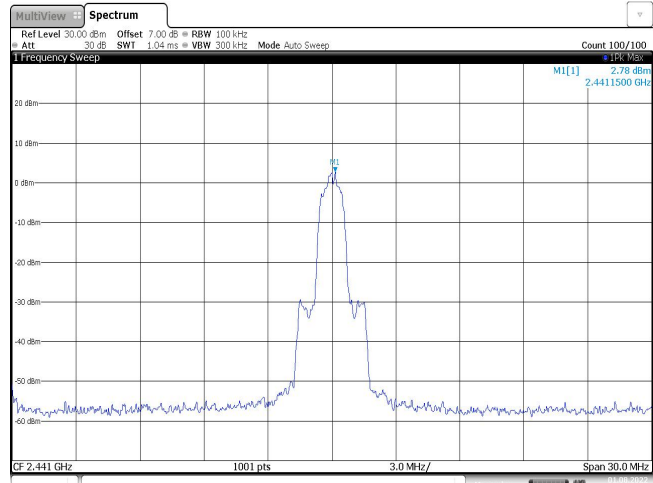
CH39
1GHz~26GHz



<p>CH78 Reference level</p>	 <p>MultiView Spectrum Ref Level 30.00 dBm Offset 7.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MI[1] 3.20 dBm 2.4801500 GHz CF 2.48 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 1 AUG 2022 11:05:00</p>
<p>CH78 30MHz~1000MHz</p>	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 7.00 dB RBW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep MI[1] -51.16 dBm 826.3920 MHz MI -16.000 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 1 AUG 2022 11:05:16</p>
<p>CH78 1GHz~26GHz</p>	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 7.00 dB RBW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep MI[1] -45.53 dBm 1.901667 GHz MI -16.000 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 1 AUG 2022 11:05:33</p>

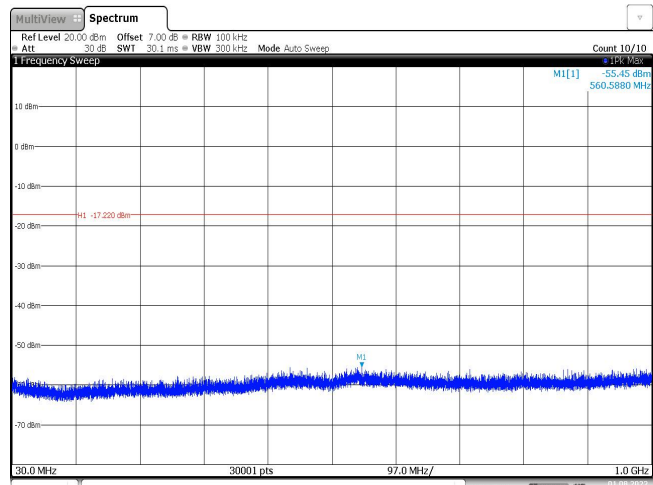
Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
<p>CH00 Reference level</p>	 <p>Ref Level 30.00 dBm Offset 7.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 M1[1] 2.70 dBm 2.4019100 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 1 AUG 2022 11:48:20</p>		
<p>CH00 30MHz~1000MHz</p>	 <p>Ref Level 20.00 dBm Offset 7.00 dB RBW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -54.26 dBm 561.9790 MHz M1 -17.300 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 1 AUG 2022 11:48:36</p>		
<p>CH00 1GHz~26GHz</p>	 <p>Ref Level 20.00 dBm Offset 7.00 dB RBW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -46.58 dBm 25.900833 GHz M1 -17.300 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 1 AUG 2022 11:48:53</p>		

CH39
Reference level



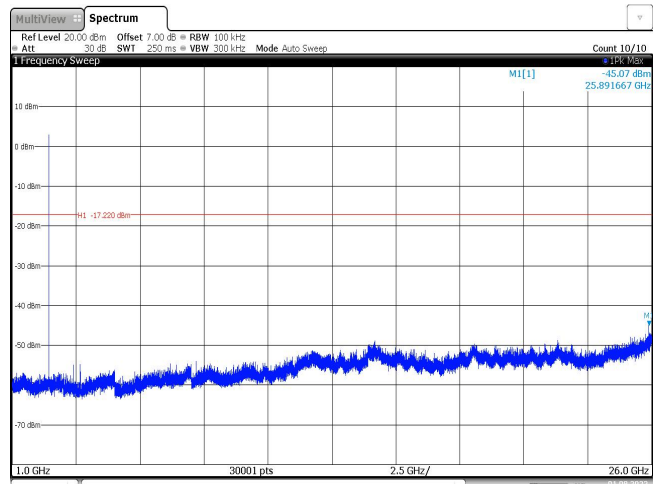
Date: 1 AUG 2022 11:46:03

CH39
30MHz~1000MHz



Date: 1 AUG 2022 11:46:19

CH39
1GHz~26GHz



Date: 1 AUG 2022 11:46:36