

APPENDIX REPORT

Project No.	SHT2107112207EW	Radio Specification	Bluetooth EDR
Model No.	Screeneo U4		
Start test date	2021-12-30	Finish date	2021-12-30
Temperature	23.3°C	Humidity	44%
Test Engineer	Xiaoqin Li	Auditor	Xiaodong Zheo

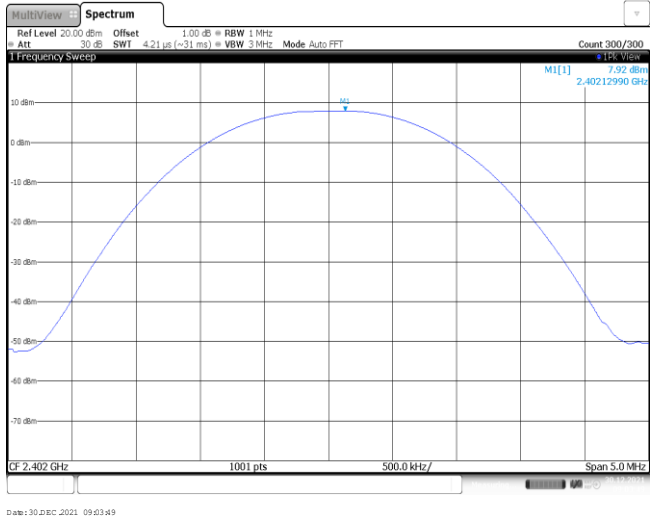
Appendix clause	Test item	Result
A	Peak Output Power	PASS
B	20 dB Bandwidth	PASS
C	99% Occupied Bandwidth	PASS
D	Carrier Frequencies Separation	PASS
E	Hopping Channel Number	PASS
F	Dwell Time	PASS
G	Duty Cycle Correction Factor (DCCF)	PASS
H	Band edge and Spurious Emissions(coducted)	PASS

Appendix A: Peak Output Power

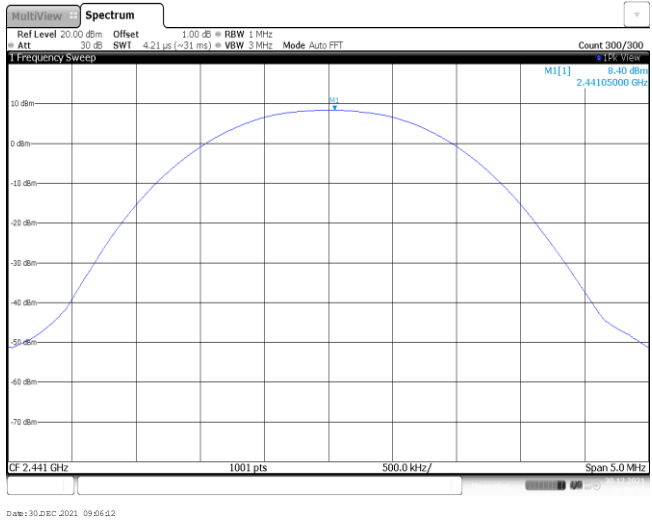
Modulation type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
GFSK	00	7.92	7.88	≤ 30.00	Pass
	39	8.40	8.36		
	78	7.69	7.65		
π/4DQPSK	00	9.01	8.92	≤ 21.00	Pass
	39	8.77	8.66		
	78	6.34	6.29		
8DPSK	00	9.07	8.95	≤ 21.00	Pass
	39	8.50	8.41		
	78	6.75	6.29		

Modulation Type: GFSK

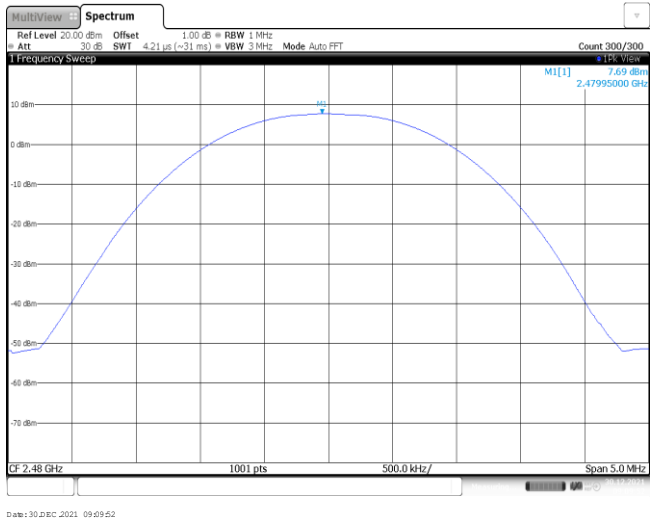
CH00



CH39



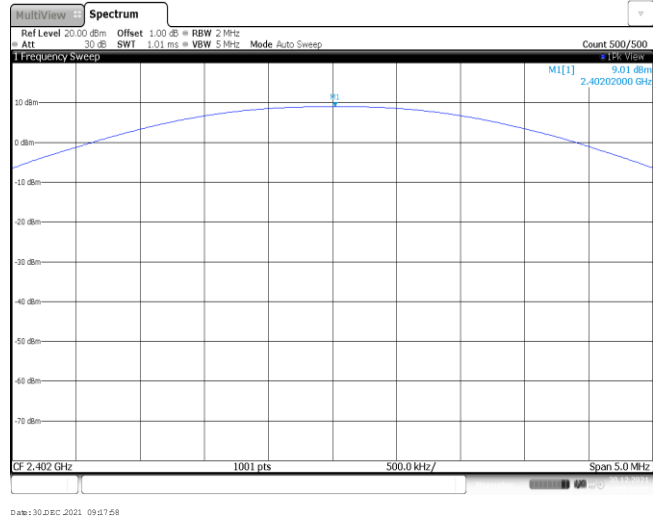
CH78



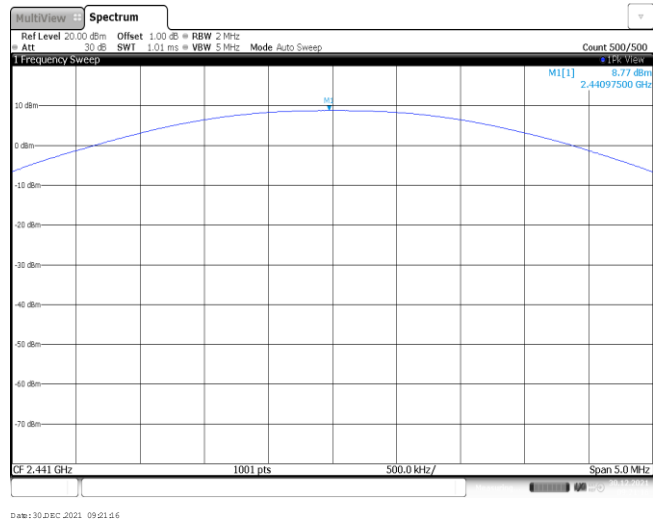
Modulation Type:

$\pi/4$ DQPSK

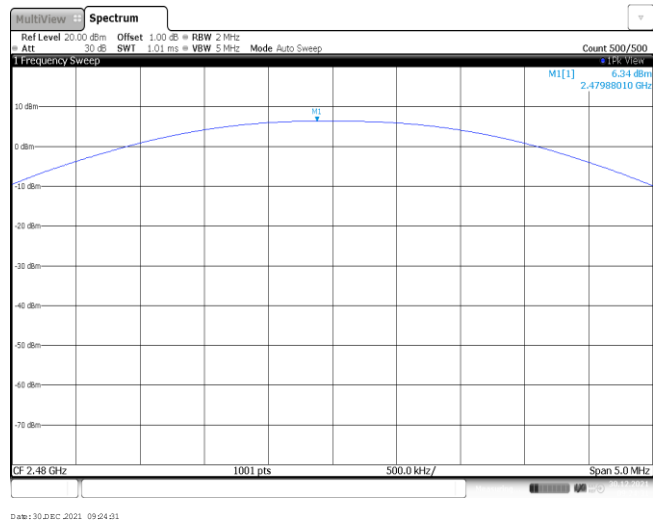
CH00



CH39

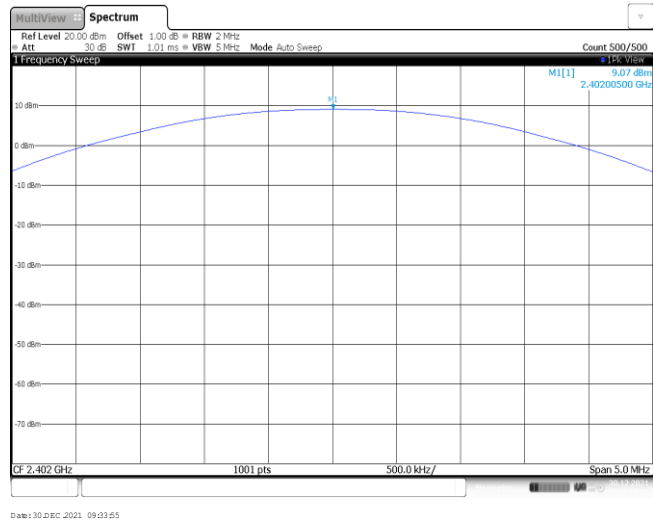


CH78

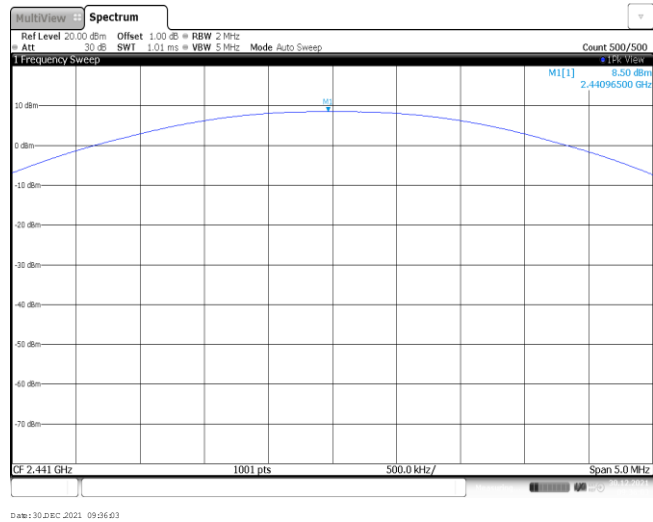


Modulation Type: 8DPSK

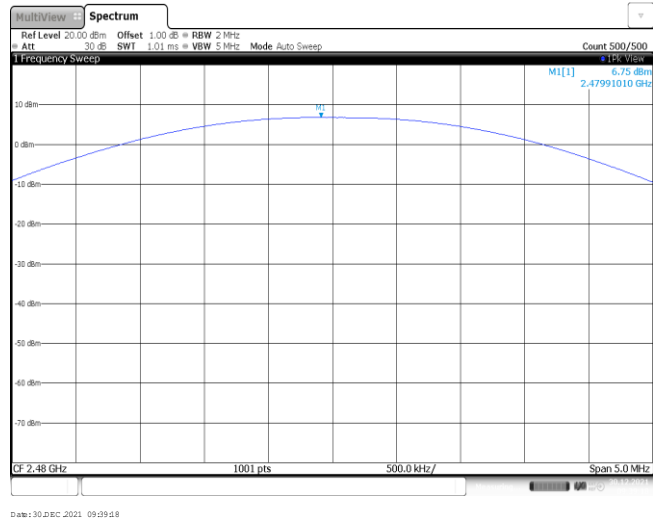
CH00



CH39



CH78

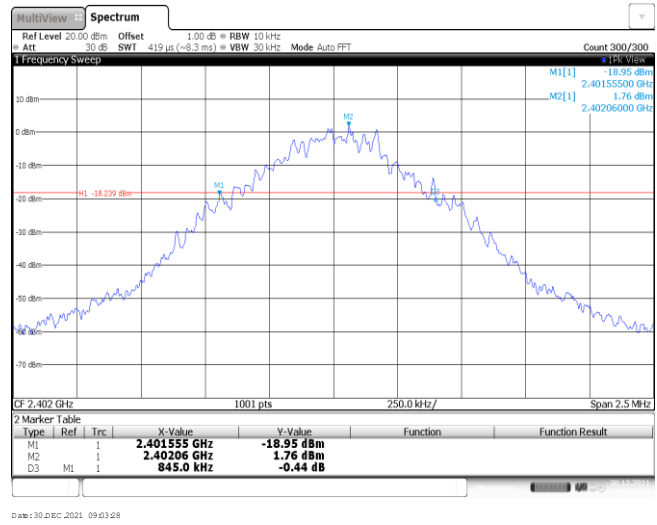


Appendix B : 20 dB Bandwidth

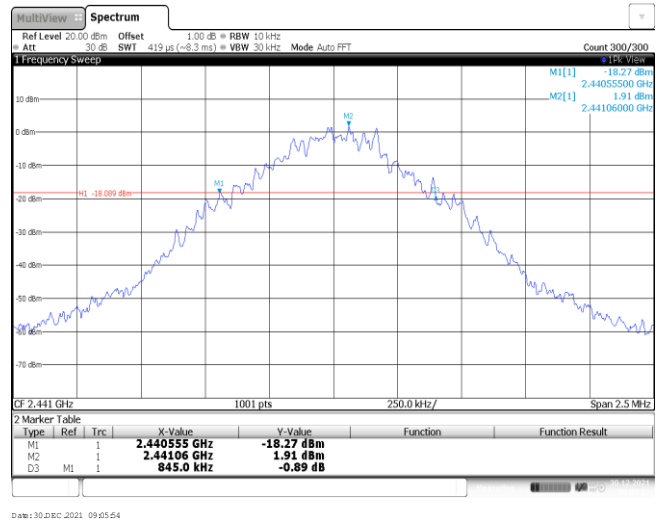
Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	845.00	-	Pass
	39	845.00		
	78	792.50		
$\pi/4$ DQPSK	00	1292.50	-	Pass
	39	1280.00		
	78	1270.00		
8DPSK	00	1295.00	-	Pass
	39	1292.50		
	78	1280.00		

Modulation Type: GFSK

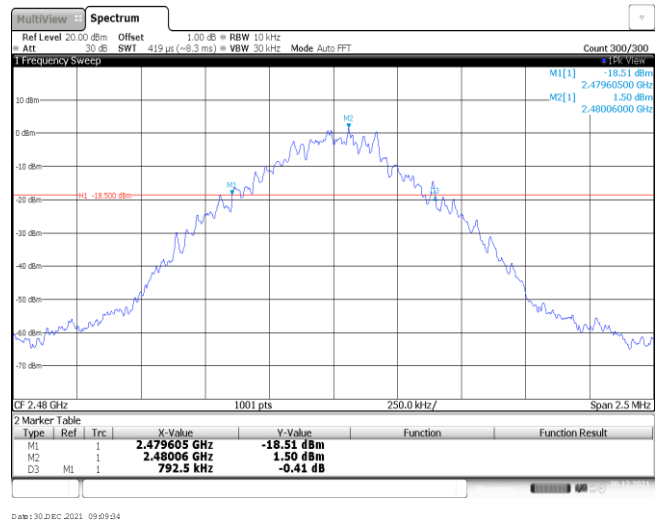
CH00



CH39

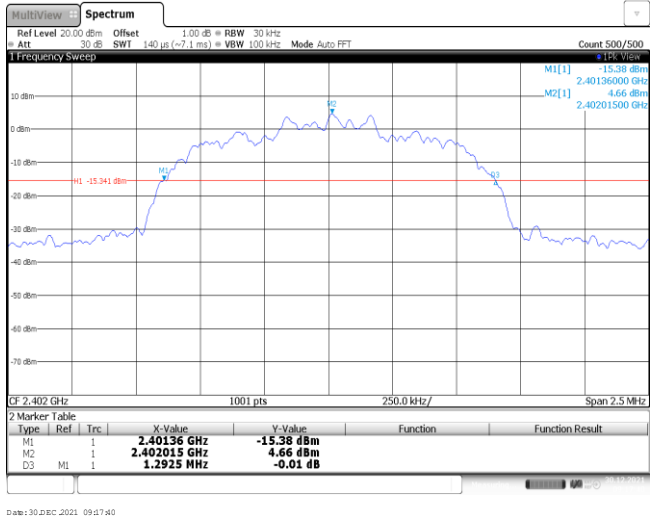


CH78

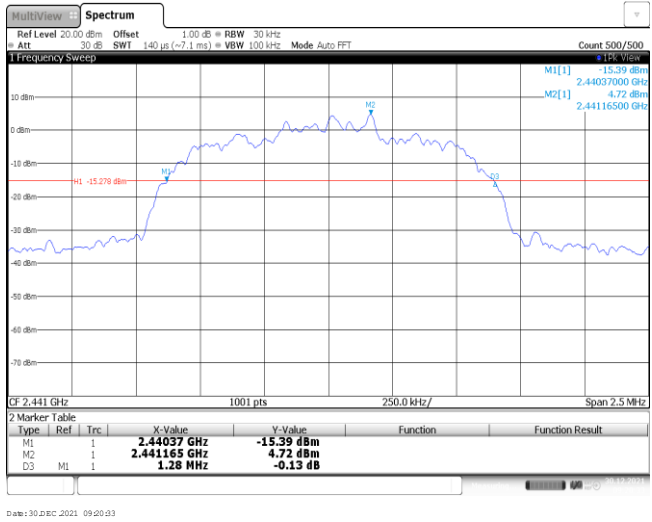


Modulation Type: **$\pi/4$ DQPSK**

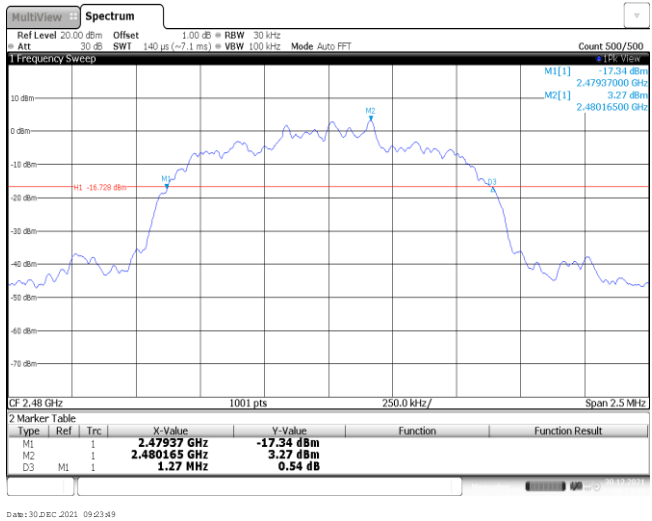
CH00



CH39

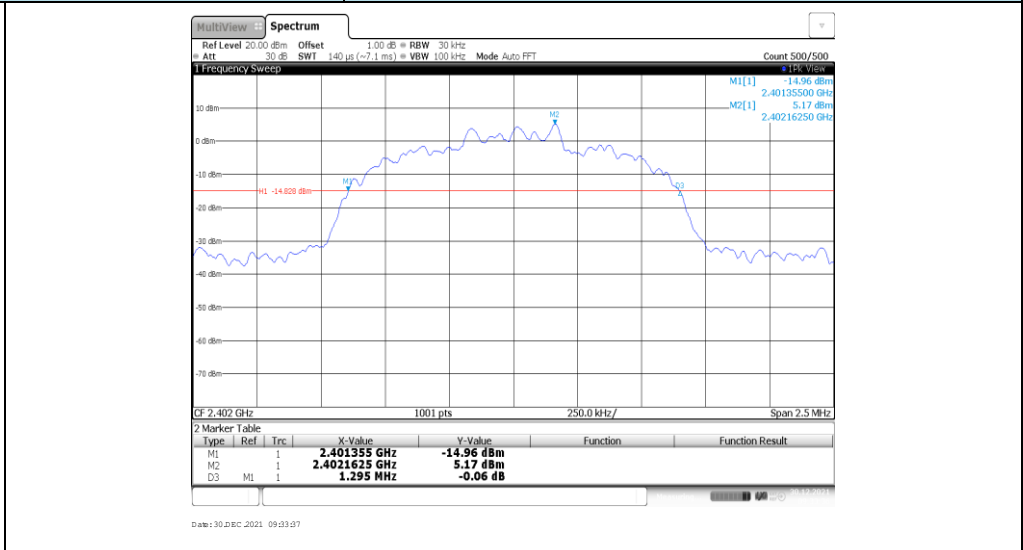


CH78

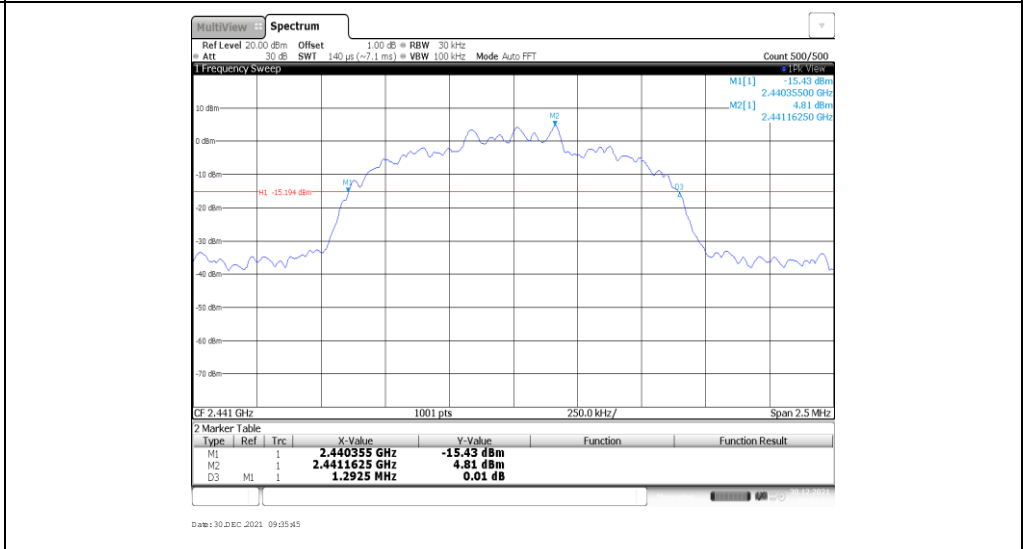


Modulation Type: 8DPSK

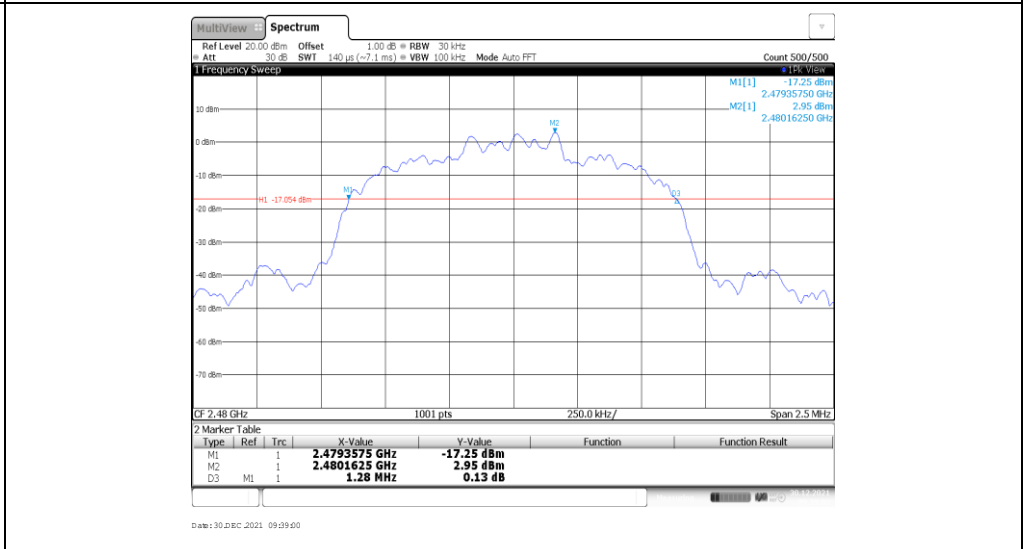
CH00



CH39



CH78

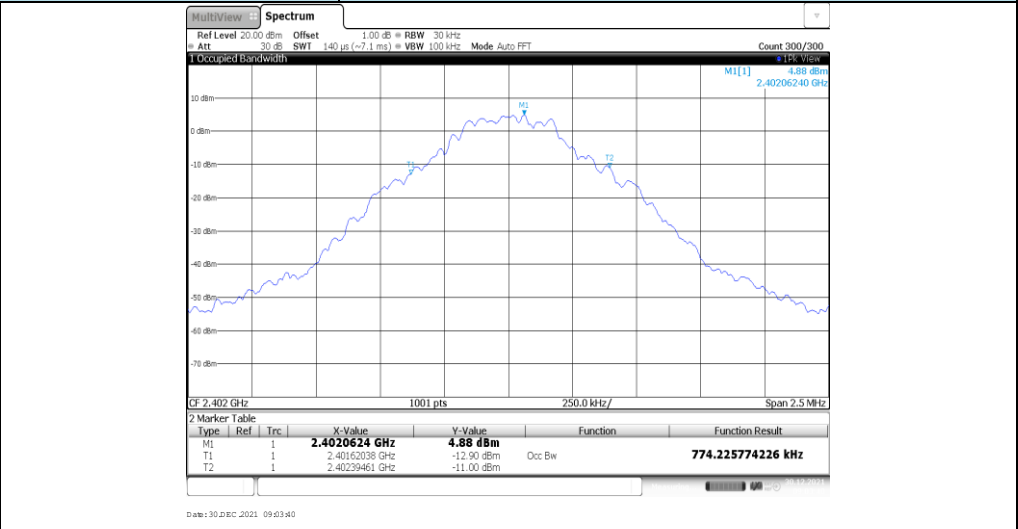


Appendix C: 99% Occupied Bandwidth

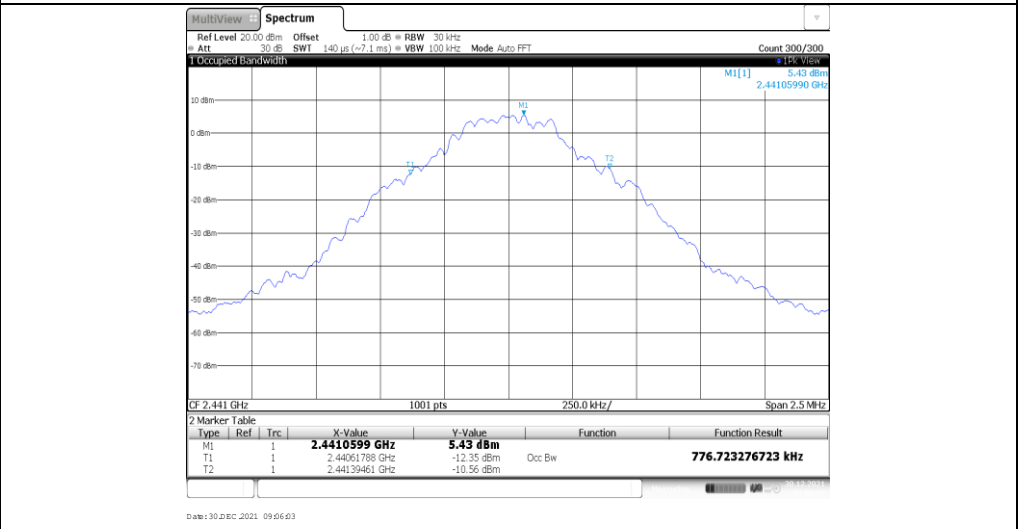
Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.77	-	Pass
	39	0.78		
	78	0.76		
$\pi/4$ DQPSK	00	1.16	-	Pass
	39	1.16		
	78	1.15		
8DPSK	00	1.17	-	Pass
	39	1.17		
	78	1.15		

Modulation Type: GFSK

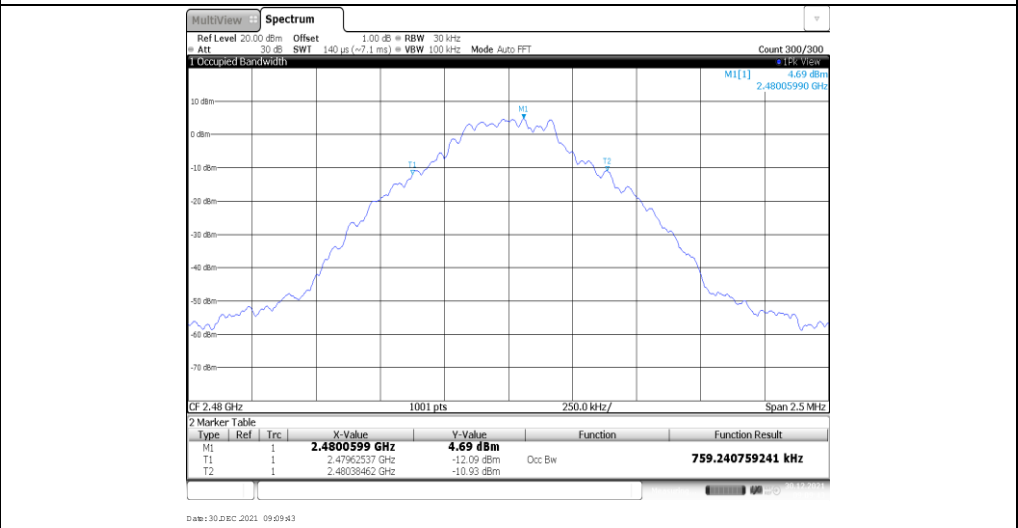
CH00



CH39

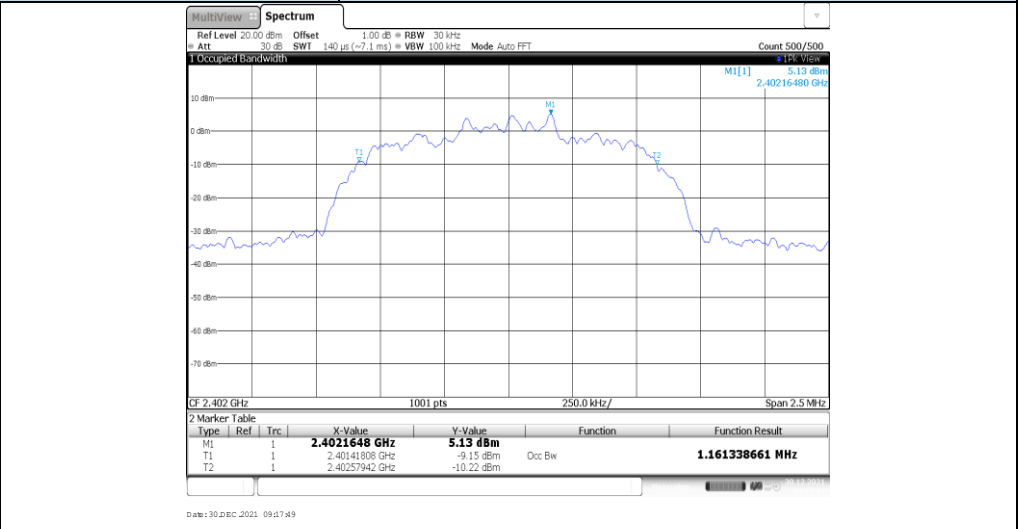


CH78

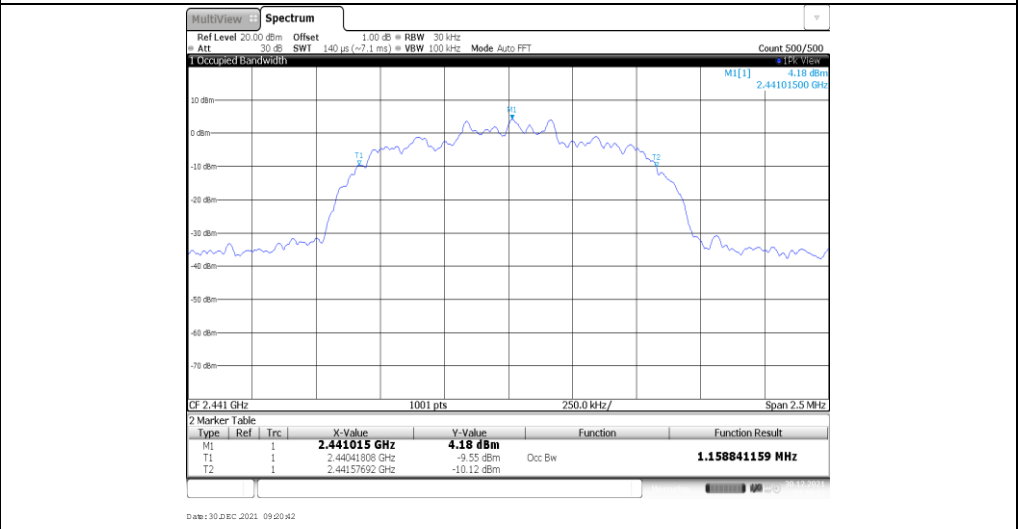


Modulation Type: **$\pi/4$ QPSK**

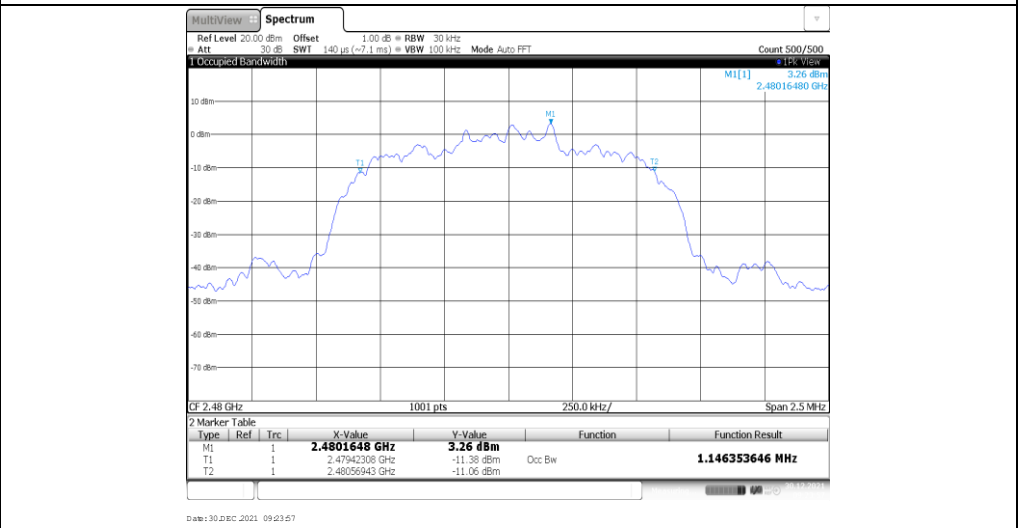
CH00



CH39

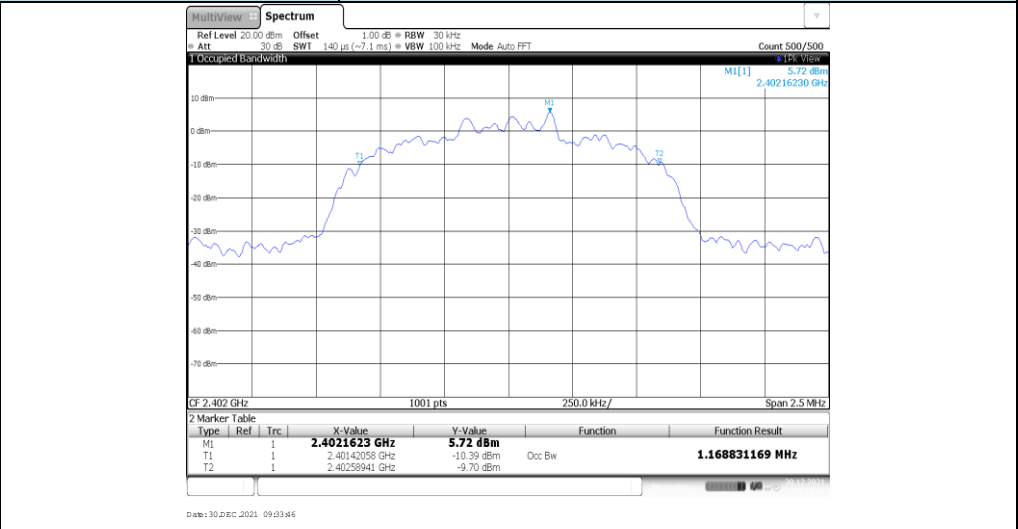


CH78

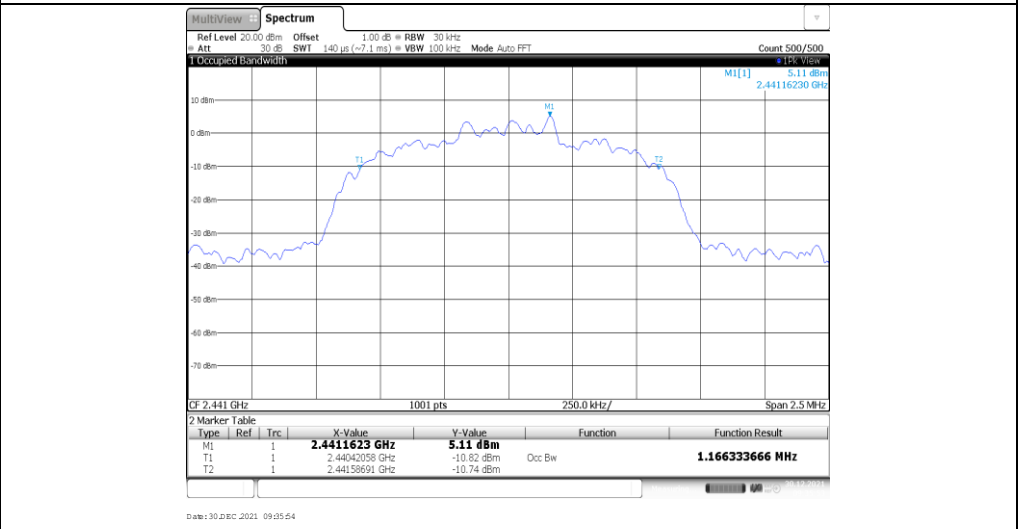


Modulation Type: 8DPSK

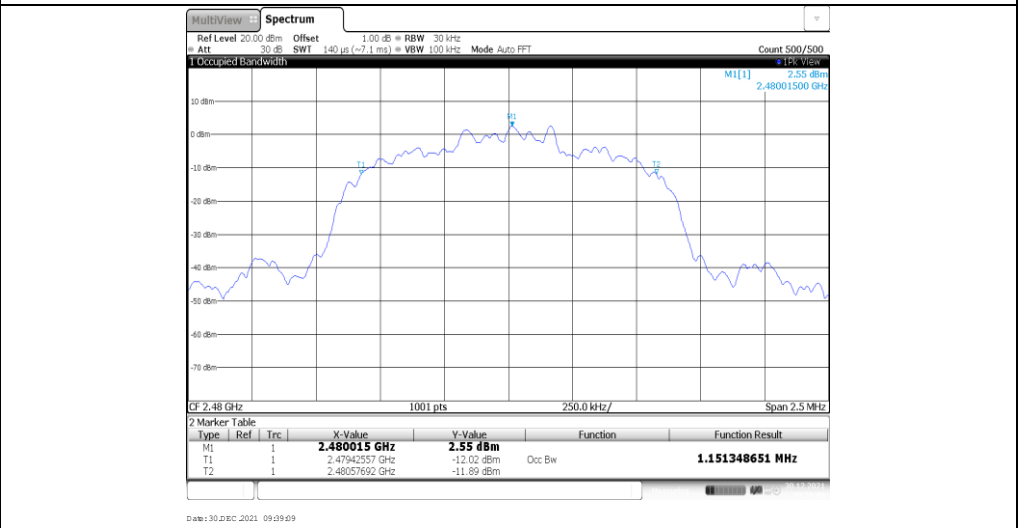
CH00



CH39



CH78



Appendix D: Carrier Frequencies Separation

Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥845.00	Pass
$\pi/4$ DQPSK	39	1.00	≥861.67	Pass
8DPSK	39	1.00	≥863.33	Pass

Note:

*: GFSK limit = The maximum 20 dB Bandwidth for GFSK modulation on the appendix B.

$\pi/4$ DQPSK limit = $2/3$ * The maximum 20 dB Bandwidth for $\pi/4$ DQPSK modulation on the appendix B.

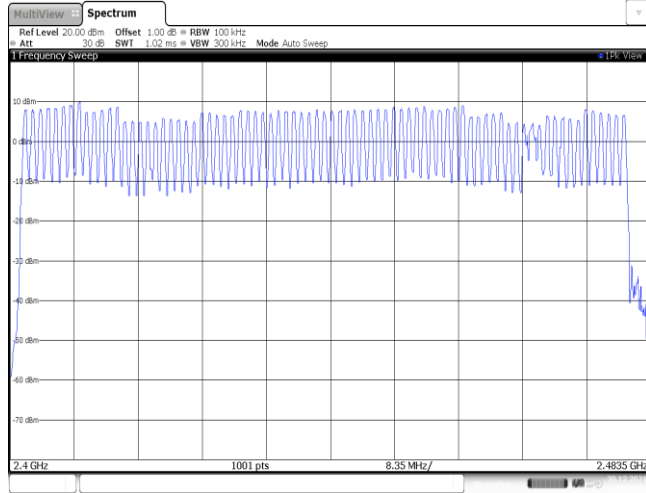
8DPSK limit = $2/3$ * The maximum 20 dB Bandwidth for 8DPSK modulation on the appendix B

<p style="text-align: center;">GFSK</p>	
<p style="text-align: center;">$\pi/4$DQPSK</p>	
<p style="text-align: center;">8DPSK</p>	

Appendix E: Hopping Channel Number

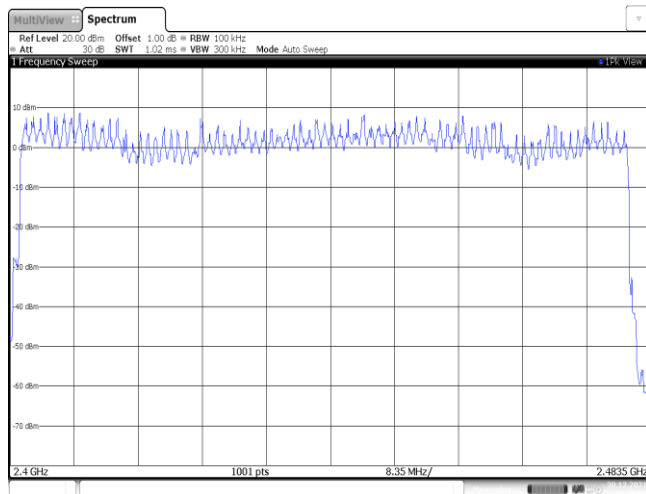
Modulation type	Channel number	Limit	Result
GFSK	79	≥15.00	Pass
π/4DQPSK	79		
8DPSK	79		

GFSK



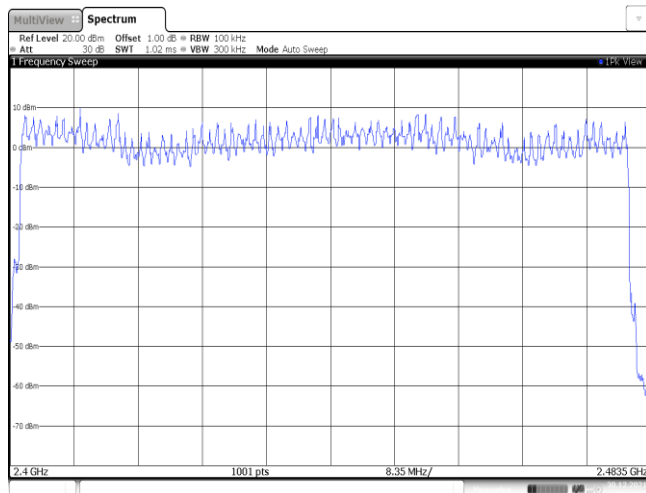
Date: 30.DEC.2021 09:44:52

$\pi/4$ DQPSK



Date: 30.DEC.2021 09:50:56

8DPSK



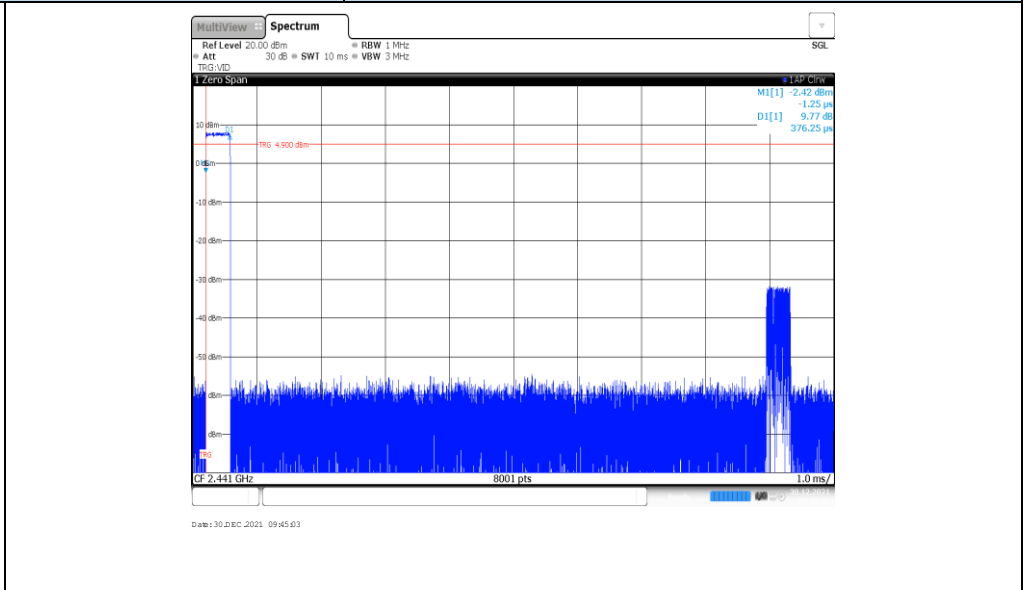
Date: 30.DEC.2021 09:42:33

Appendix F: Dwell Time

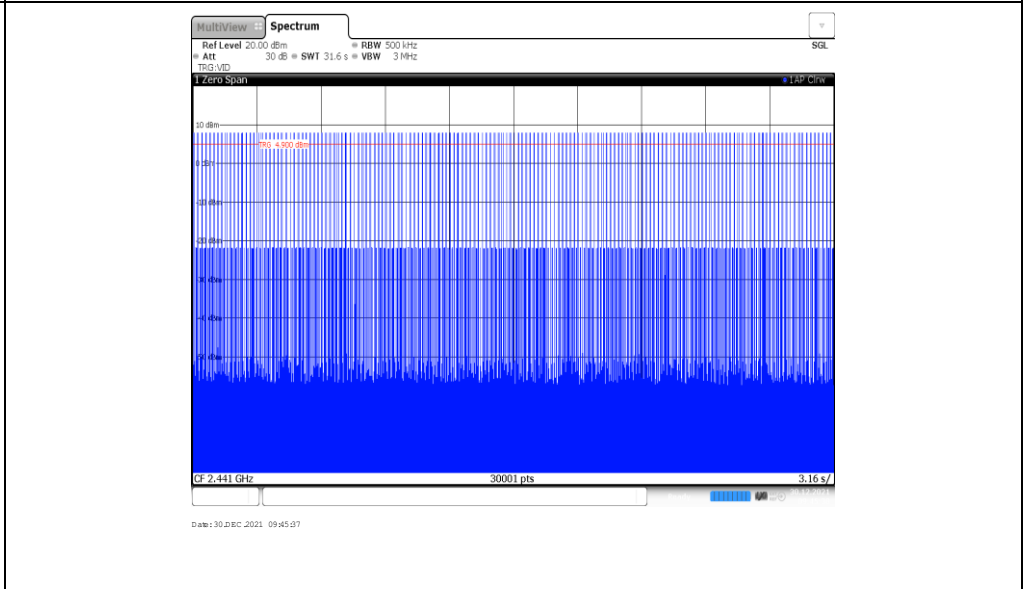
Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.38	313	0.12	≤ 0.40	Pass
	DH3	1.63	156	0.26		
	DH5	2.88	114	0.33		
π/4DQPSK	2DH1	0.38	313	0.12	≤ 0.40	Pass
	2DH3	1.64	158	0.26		
	2DH5	2.88	107	0.31		
8DPSK	3DH1	0.38	314	0.12	≤ 0.40	Pass
	3DH3	1.64	158	0.26		
	3DH5	2.89	107	0.31		

Modulation Type: GFSK

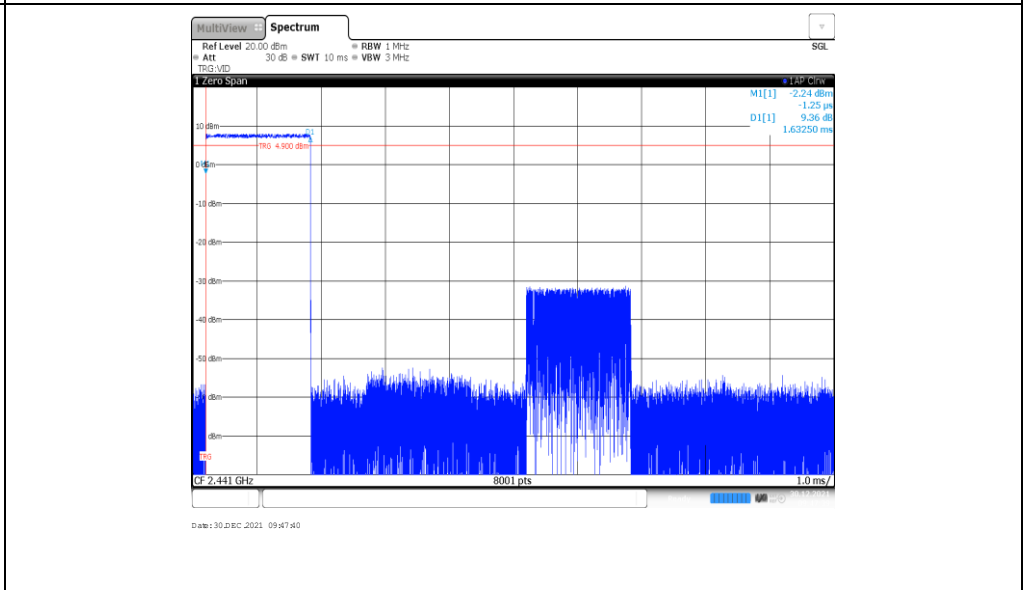
DH1
Burst width



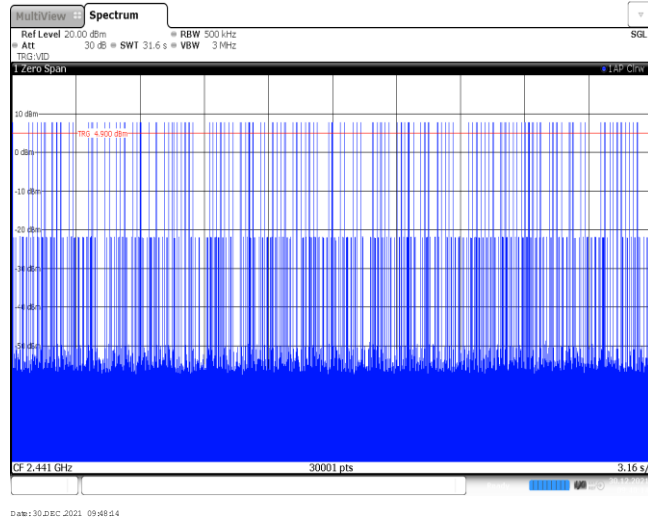
DH1
Burst number



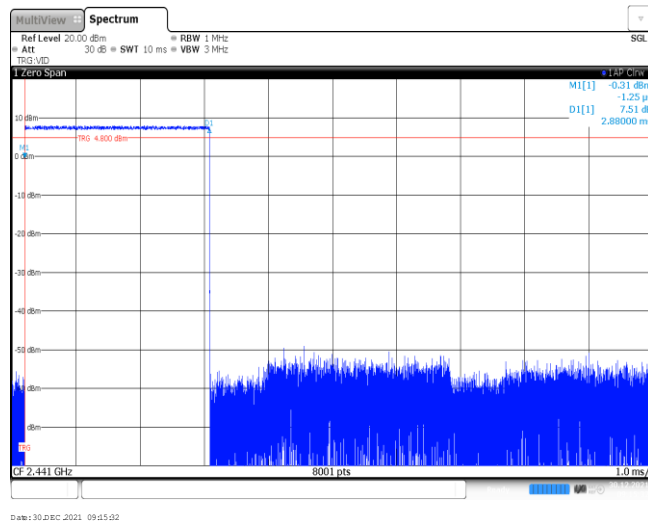
DH3
Burst width



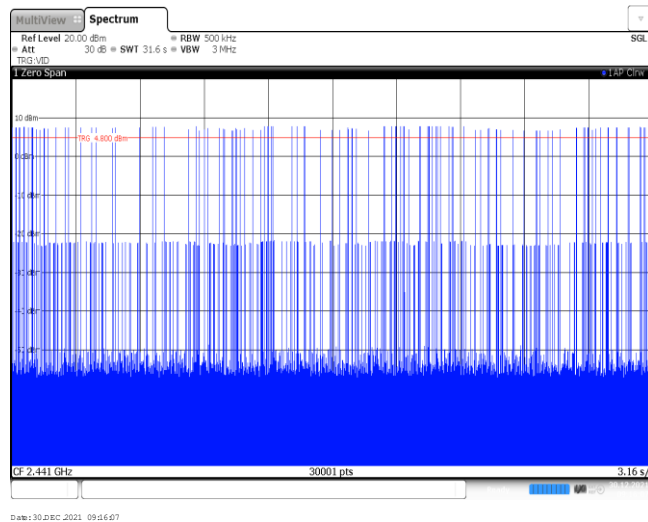
DH3
Burst number



DH5
Burst width

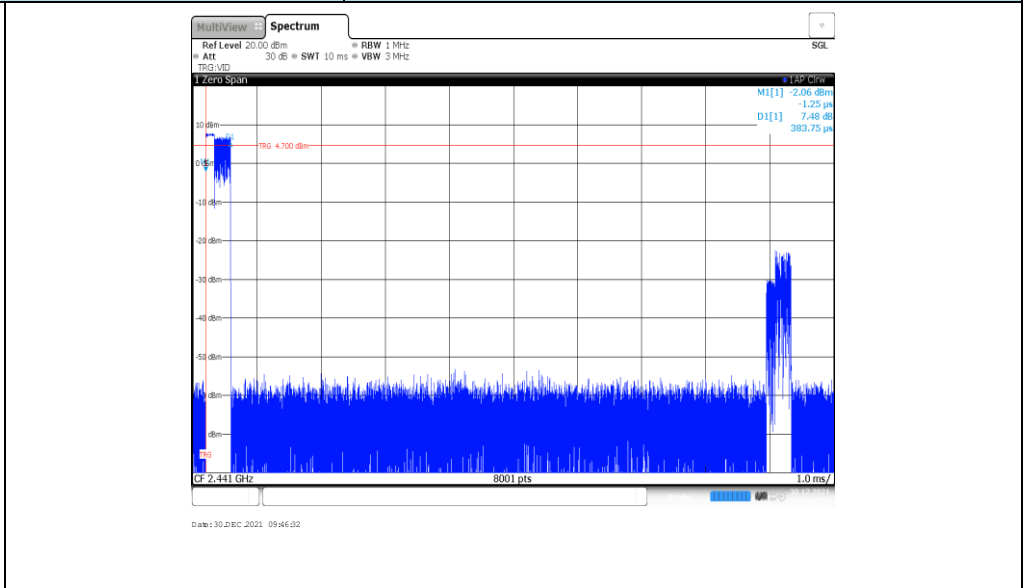


DH5
Burst number

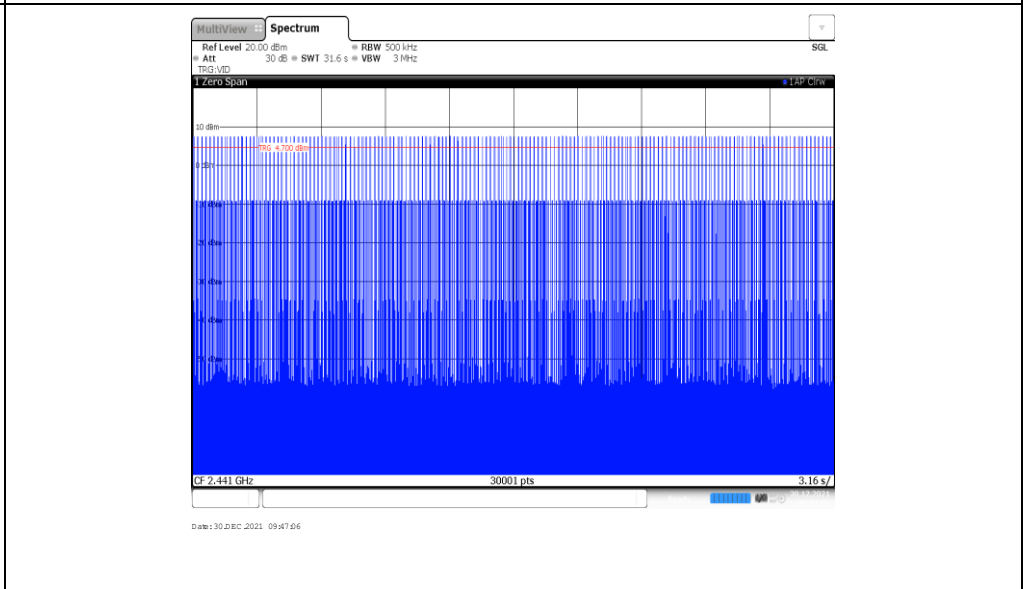


Modulation Type: $\pi/4$ DQPSK

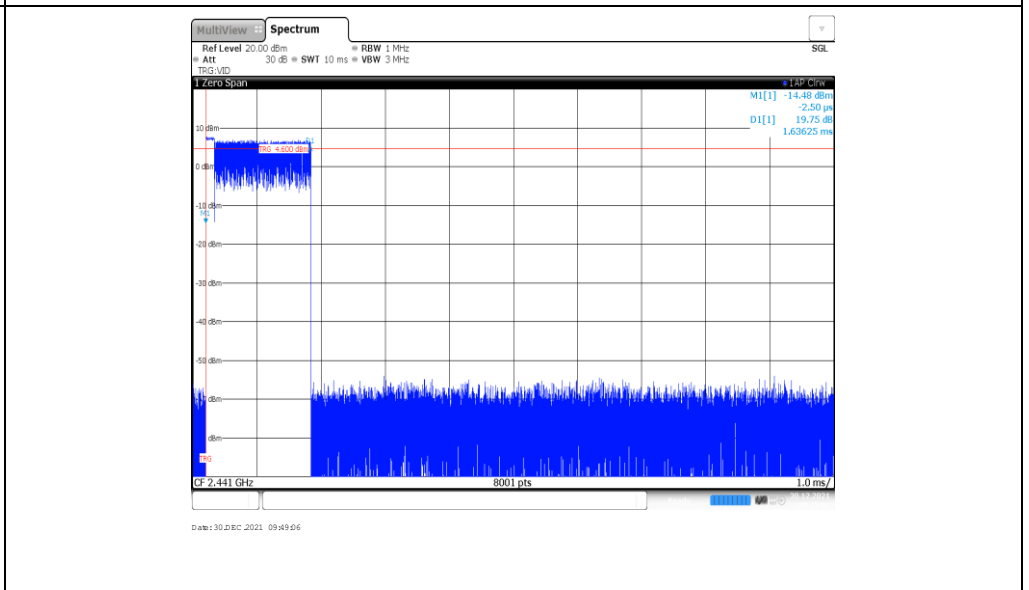
2DH1
Burst width



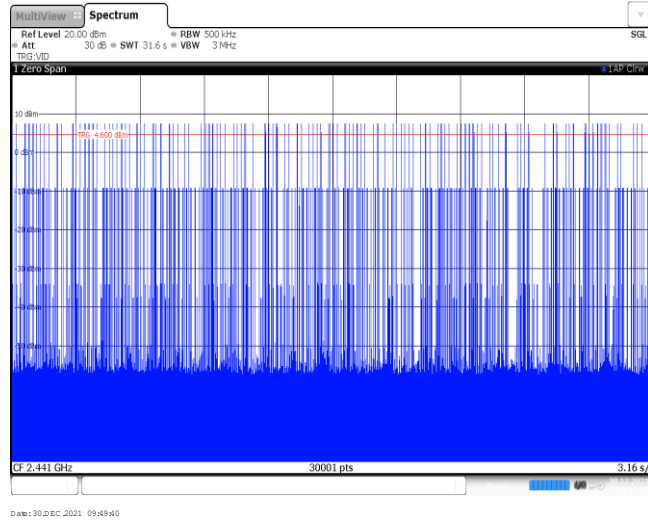
2DH1
Burst number



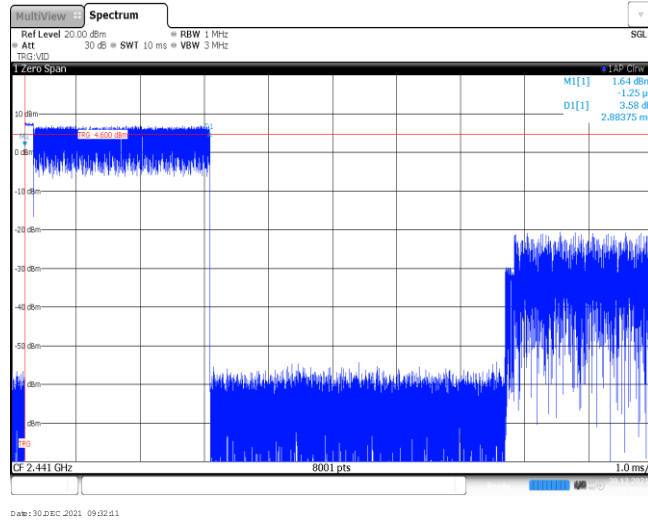
2DH3
Burst width



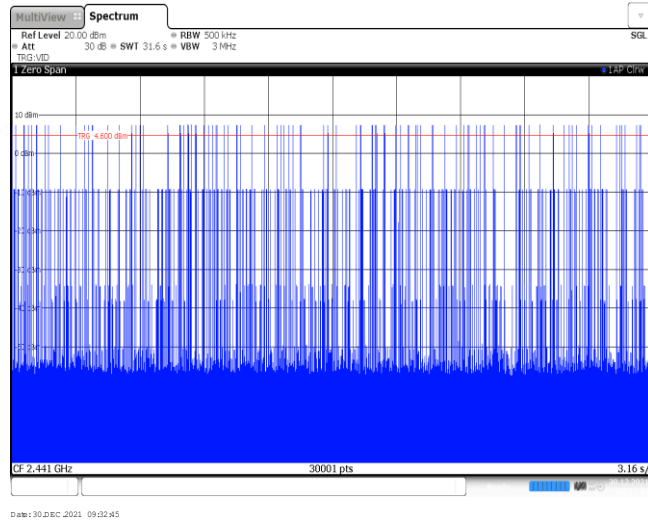
2DH3
Burst number



2DH5
Burst width

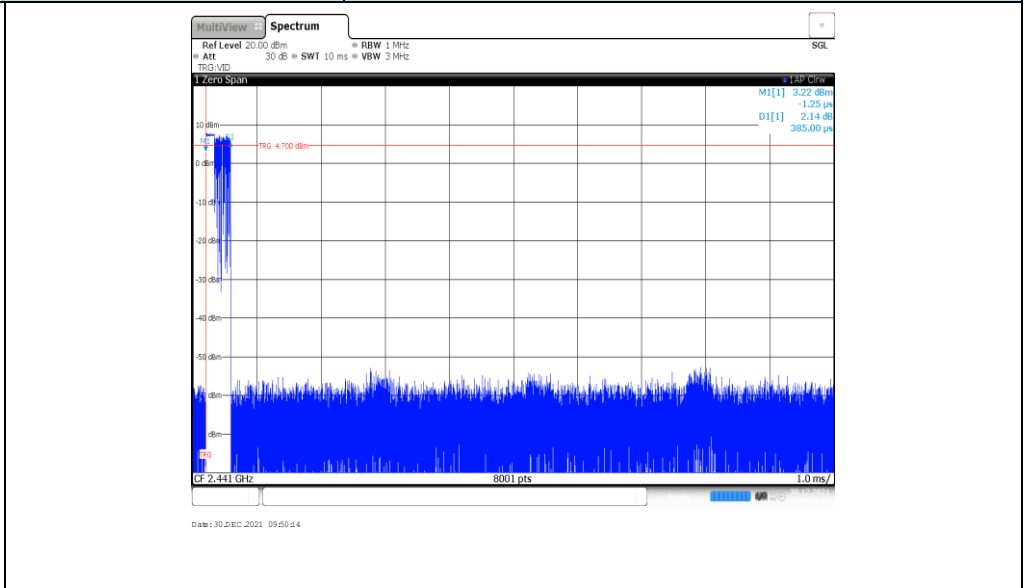


2DH5
Burst number

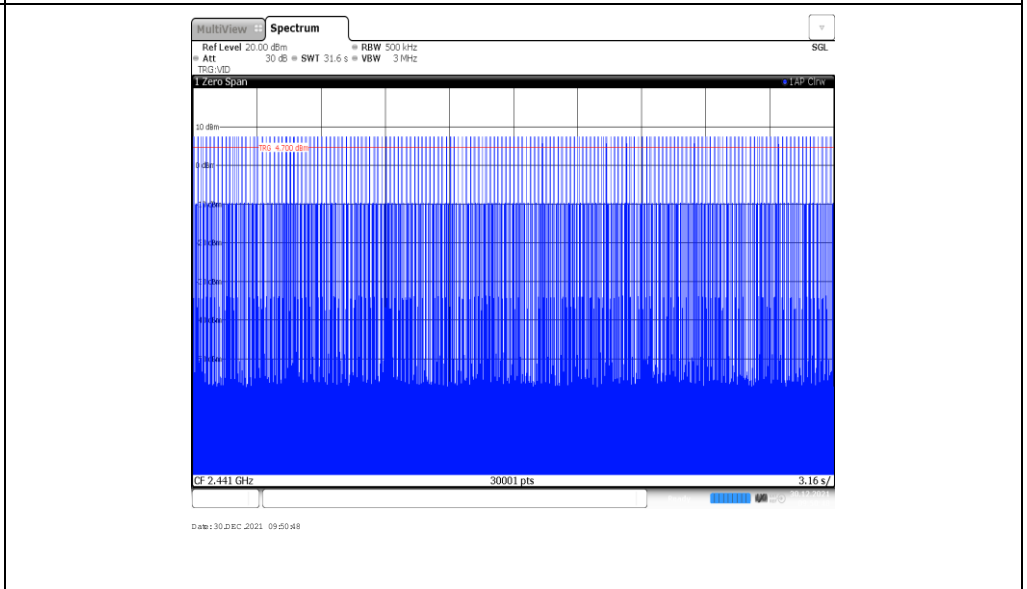


Modulation Type: 8DPSK

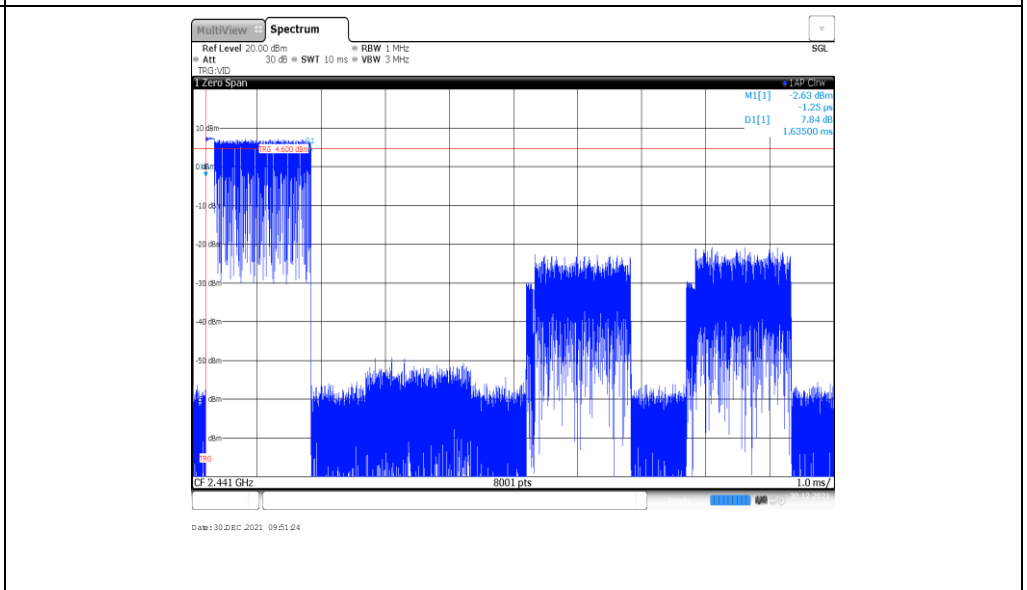
3DH1
Burst width



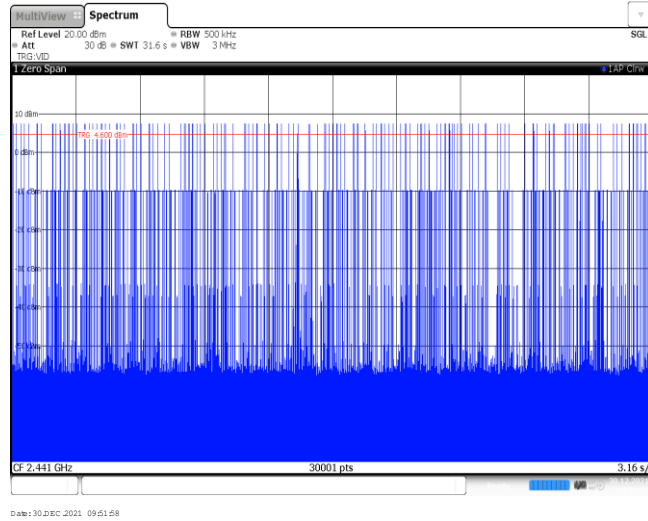
3DH1
Burst number



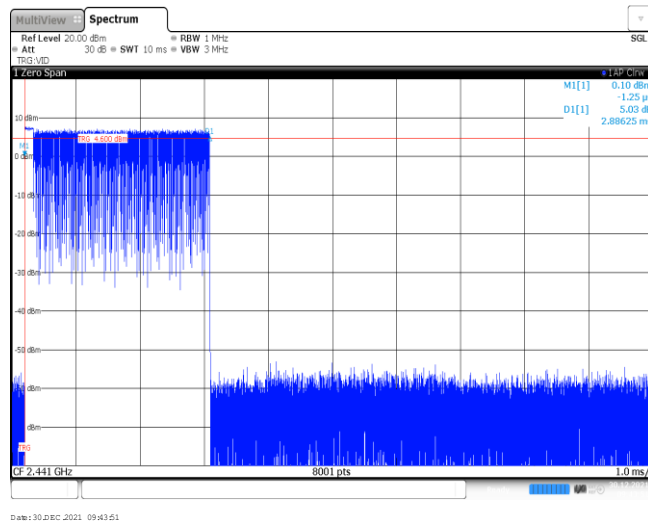
3DH3
Burst width



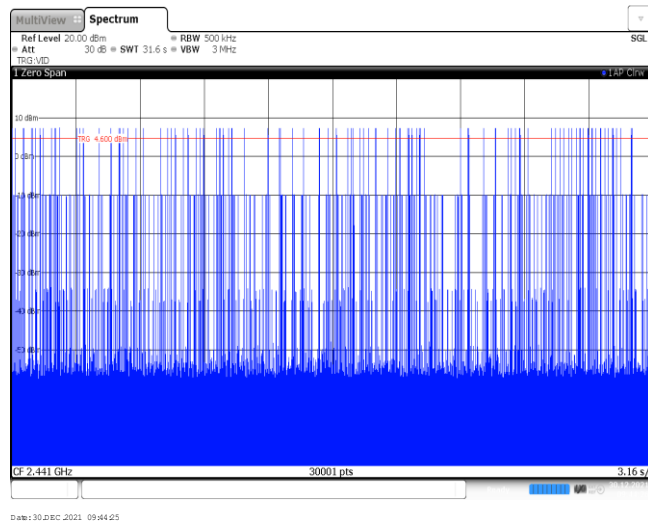
3DH3
Burst number



3DH5
Burst width



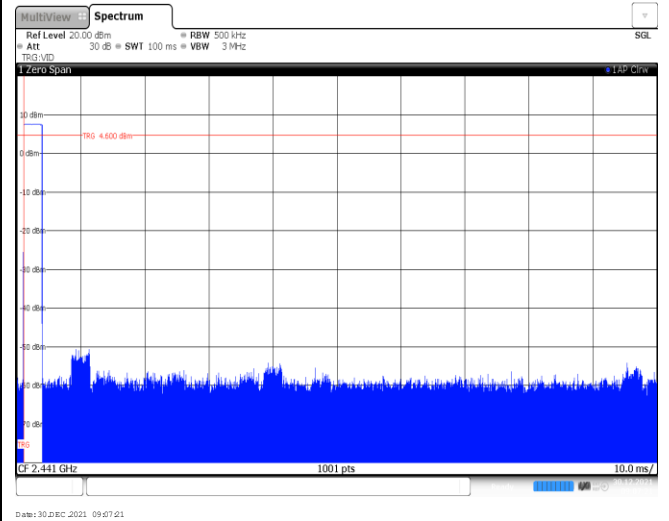
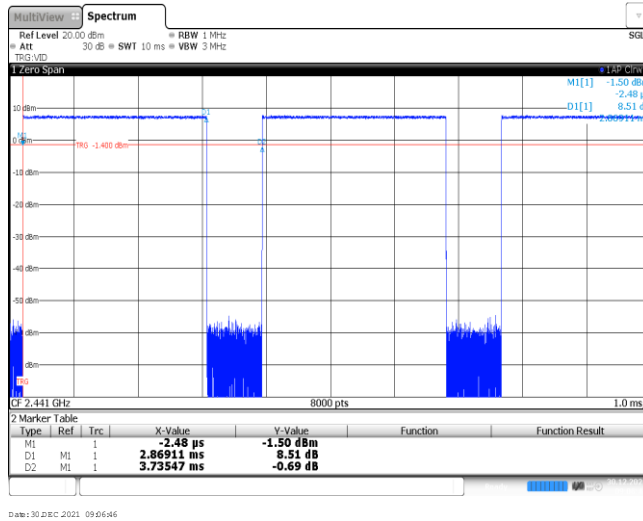
3DH5
Burst number



Appendix G: Duty Cycle Correction Factor (DCCF)

DCCF Calculate Formula					
DCCF=20 * Log(duty cycle) = 20 * Log($T_{\text{on time}} / T_{\text{period}}$)					
Modulation type	Test Frequency (MHz)	$T_{\text{on time}}$ for single burst [ms]	T_{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.87	100	1	-30.84
$\pi/4$ DQPSK	2441	2.87	100	1	-30.84
8DPSK	2441	2.88	100	2	-24.79

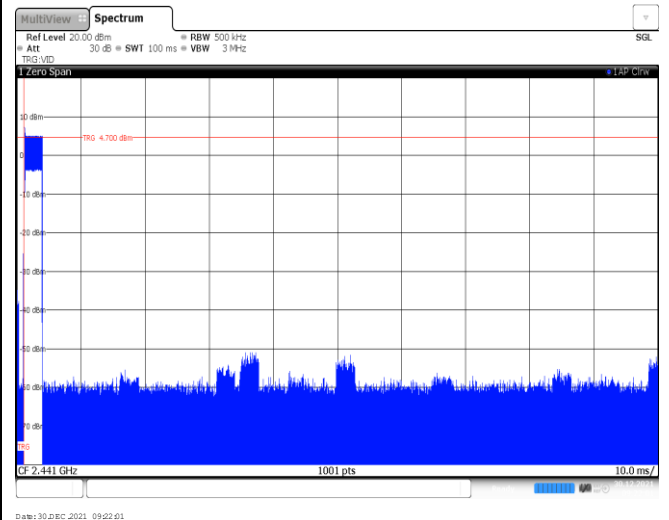
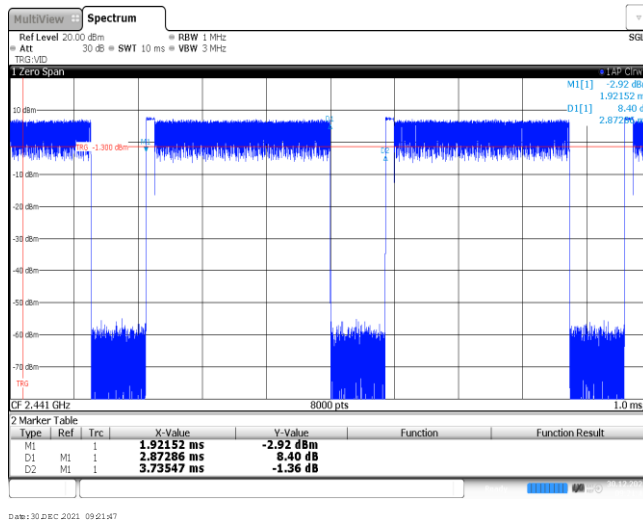
GFSK



Ton time for single burst

Burst Quantity

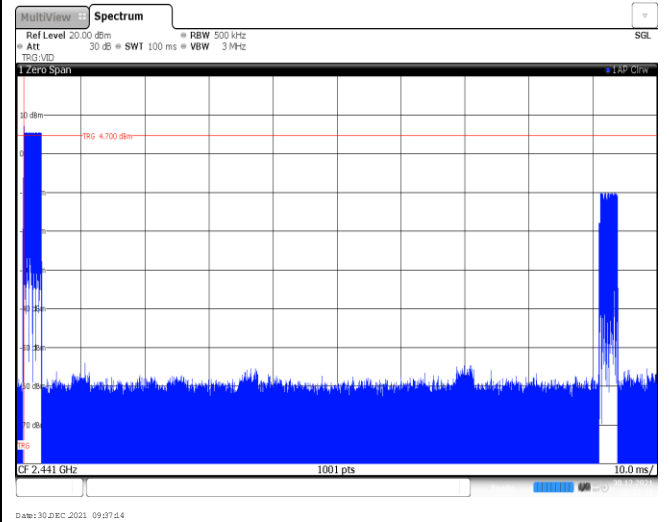
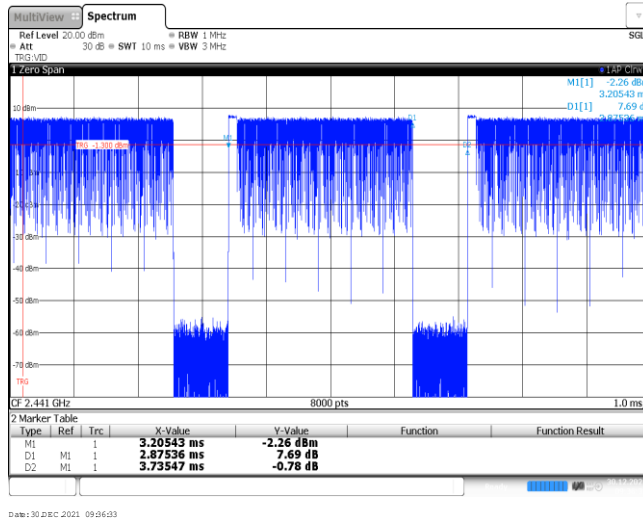
$\pi/4$ DQPSK



Ton time for single burst

Burst Quantity

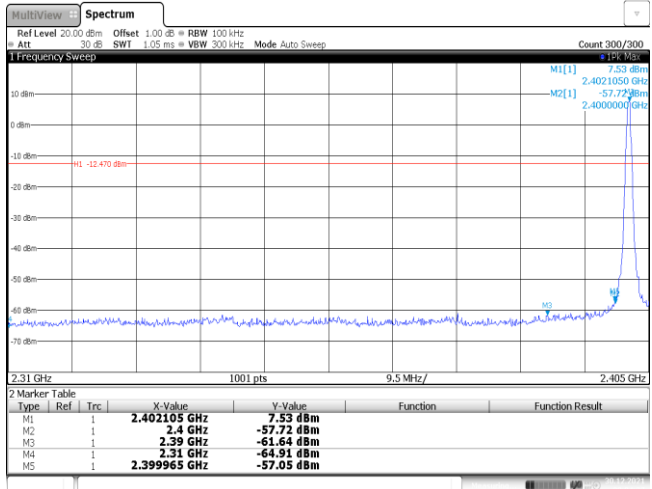
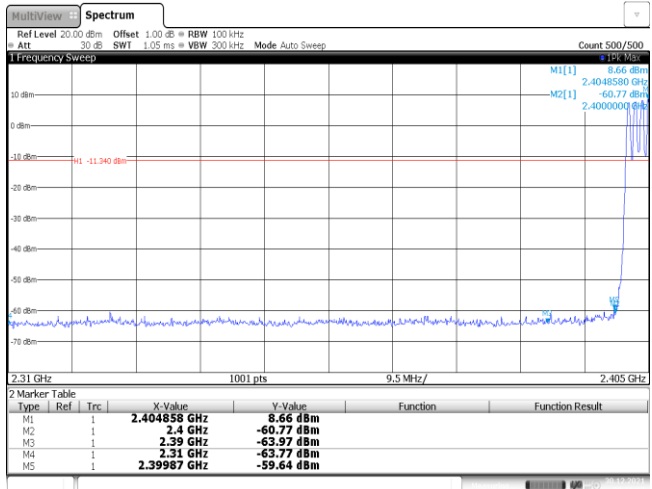
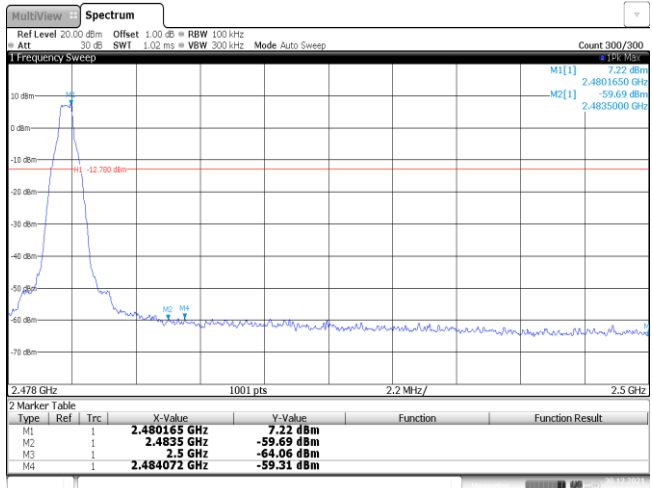
8DPSK



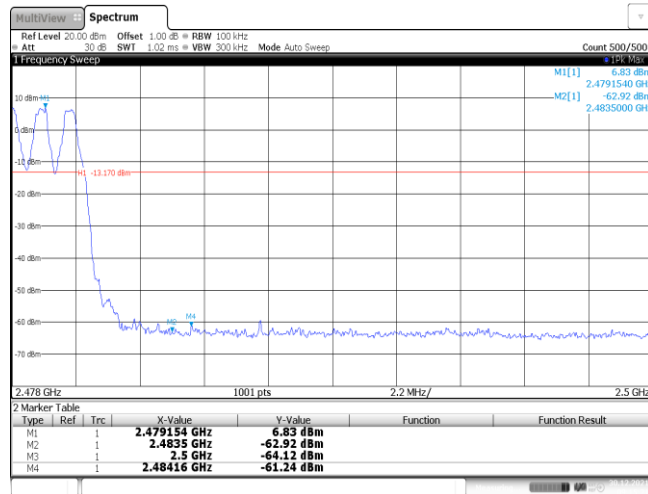
Ton time for single burst

Burst Quantity

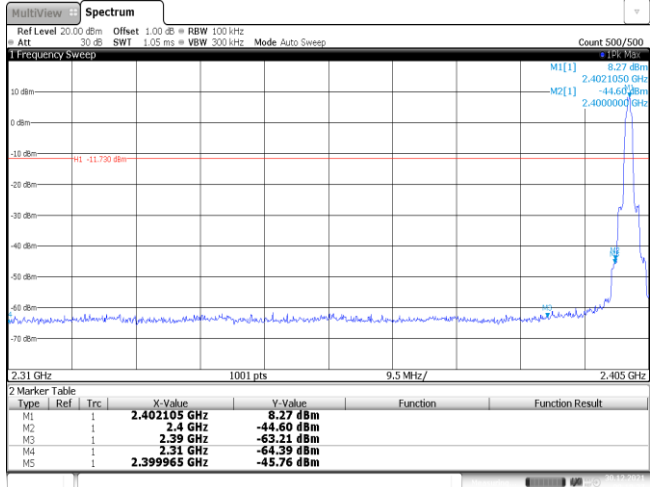
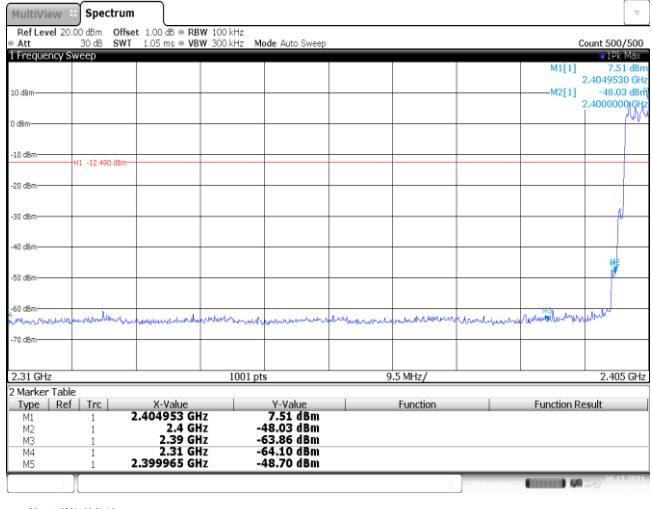
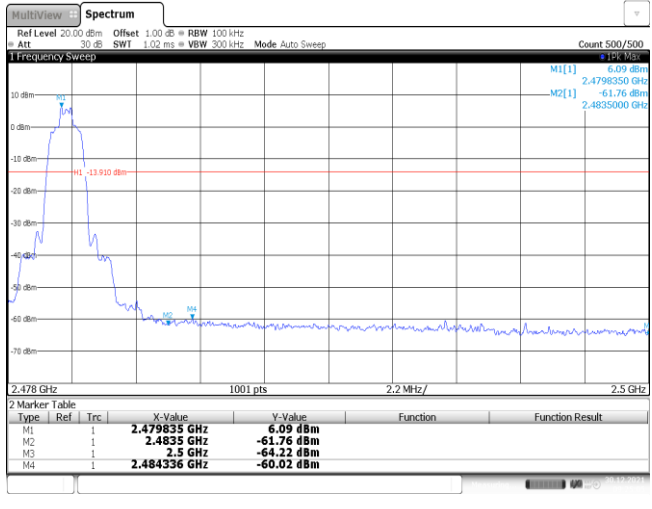
Appendix H: Band edge and Spurious Emissions (conducted)

Test Item:	Band edge	Modulation type:	GFSK
<p>CH00 No hopping mode</p>			
<p>CH00 Hopping mode</p>			
<p>CH78 No hopping mode</p>			

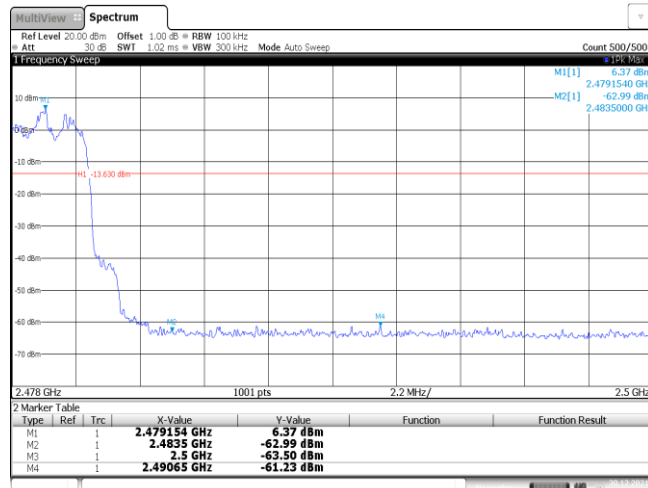
CH78
Hopping mode



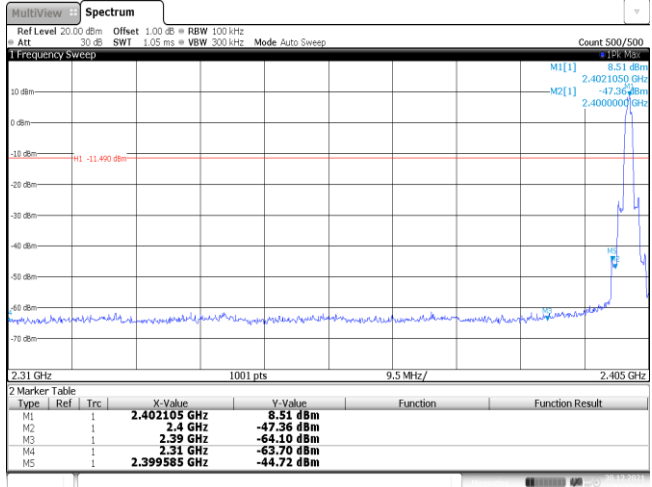
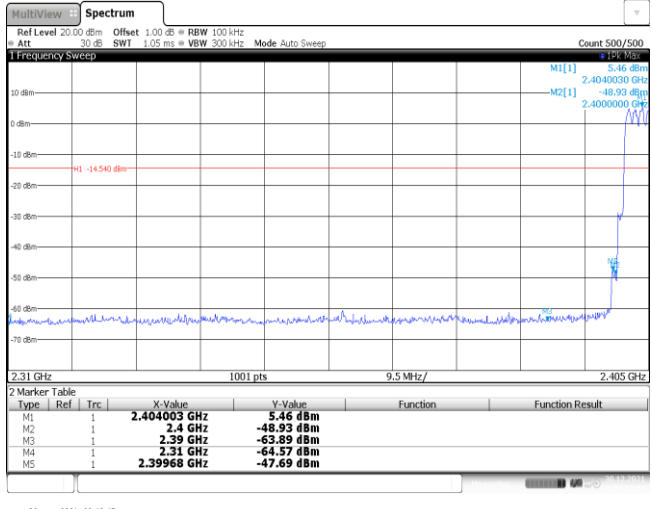
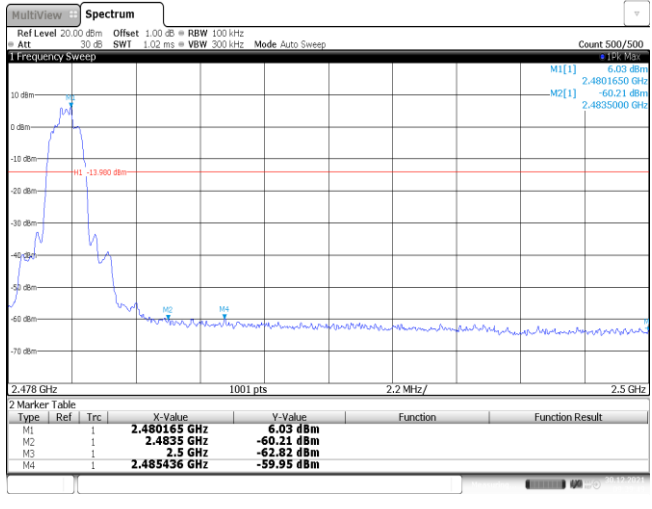
Date: 30 DEC 2021 09:15:21

Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
<p>CH00 No hopping mode</p>	 <table border="1" data-bbox="683 638 1337 728"> <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>8.27 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-44.60 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.21 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.39 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399965 GHz</td> <td>-45.76 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 30.DEC.2021 09:48:26</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	8.27 dBm			M2	1		2.4 GHz	-44.60 dBm			M3	1		2.39 GHz	-63.21 dBm			M4	1		2.31 GHz	-64.39 dBm			M5	1		2.399965 GHz	-45.76 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.402105 GHz	8.27 dBm																																									
M2	1		2.4 GHz	-44.60 dBm																																									
M3	1		2.39 GHz	-63.21 dBm																																									
M4	1		2.31 GHz	-64.39 dBm																																									
M5	1		2.399965 GHz	-45.76 dBm																																									
<p>CH00 Hopping mode</p>	 <table border="1" data-bbox="683 1176 1337 1265"> <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>2.404953 GHz</td> <td>7.51 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-48.03 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.86 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.10 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399965 GHz</td> <td>-48.70 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 30.DEC.2021 09:51:10</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404953 GHz	7.51 dBm			M2	1		2.4 GHz	-48.03 dBm			M3	1		2.39 GHz	-63.86 dBm			M4	1		2.31 GHz	-64.10 dBm			M5	1		2.399965 GHz	-48.70 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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<p>CH78 No hopping mode</p>	 <table border="1" data-bbox="683 1736 1337 1825"> <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>2.479835 GHz</td> <td>6.09 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-61.76 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-64.22 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.484336 GHz</td> <td>-60.02 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 30.DEC.2021 09:25:45</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479835 GHz	6.09 dBm			M2	1		2.4835 GHz	-61.76 dBm			M3	1		2.5 GHz	-64.22 dBm			M4	1		2.484336 GHz	-60.02 dBm									
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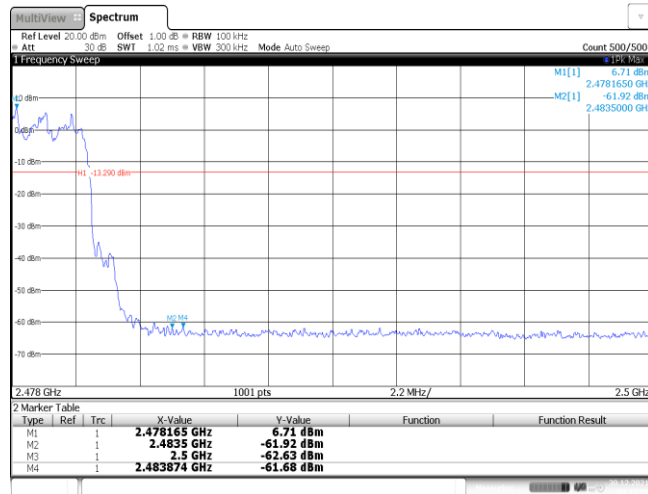
CH78
Hopping mode



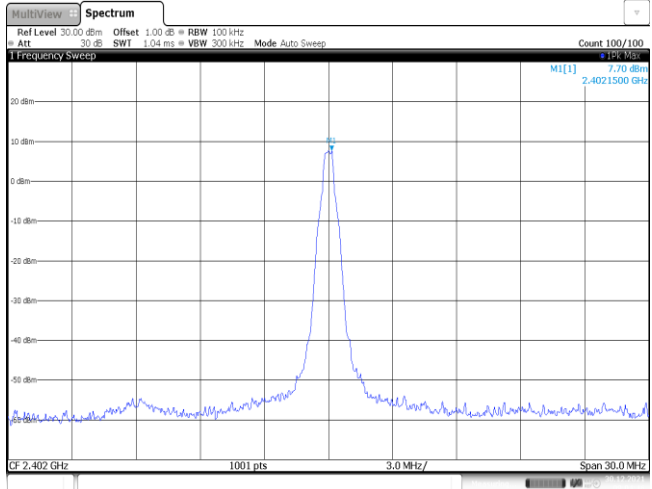
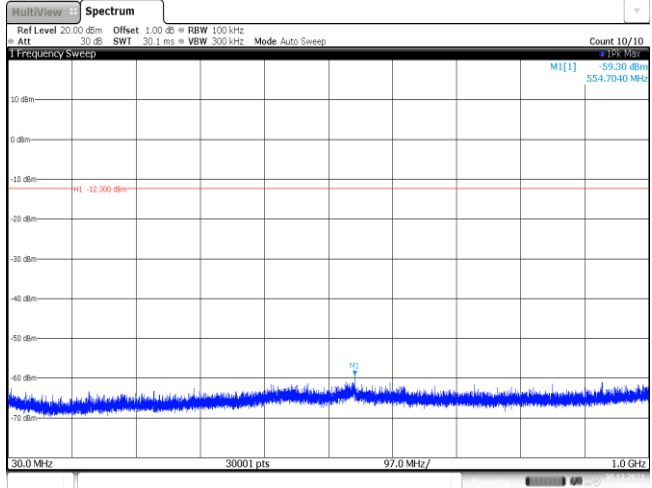
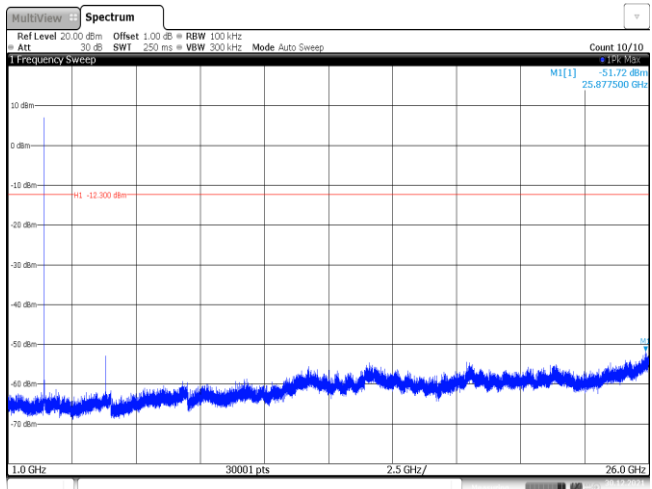
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Test Item:	Band edge	Modulation type:	8DPSK																																										
<p>CH00 No hopping mode</p>	 <table border="1" data-bbox="683 638 1337 728"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <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>8.51 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-47.36 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-64.10 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.70 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399585 GHz</td> <td>-44.72 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 30.DEC.2021 09:34:20</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	8.51 dBm			M2	1		2.4 GHz	-47.36 dBm			M3	1		2.39 GHz	-64.10 dBm			M4	1		2.31 GHz	-63.70 dBm			M5	1		2.399585 GHz	-44.72 dBm		
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<p>CH00 Hopping mode</p>	 <table border="1" data-bbox="683 1176 1337 1265"> <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>2.404003 GHz</td> <td>5.46 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-48.93 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.89 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.57 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.39968 GHz</td> <td>-47.69 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 30.DEC.2021 09:42:17</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404003 GHz	5.46 dBm			M2	1		2.4 GHz	-48.93 dBm			M3	1		2.39 GHz	-63.89 dBm			M4	1		2.31 GHz	-64.57 dBm			M5	1		2.39968 GHz	-47.69 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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<p>CH78 No hopping mode</p>	 <table border="1" data-bbox="683 1736 1337 1825"> <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>2.480165 GHz</td> <td>6.03 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-60.21 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>2.485436 GHz</td> <td>-59.95 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 30.DEC.2021 09:09:48</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.480165 GHz	6.03 dBm			M2	1		2.4835 GHz	-60.21 dBm			M3	1		2.5 GHz	-62.82 dBm			M4	1		2.485436 GHz	-59.95 dBm									
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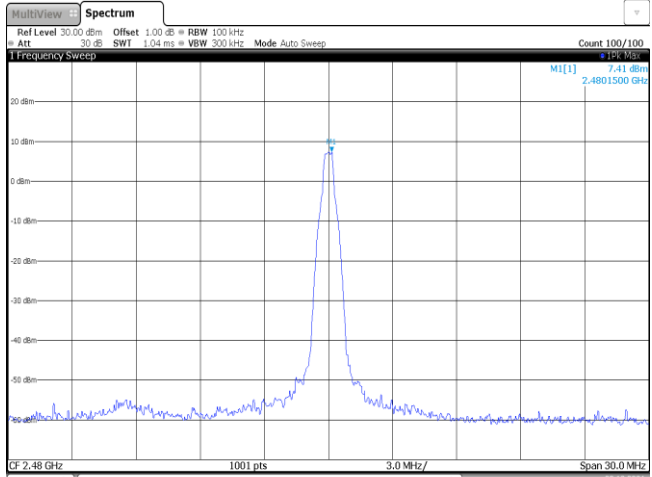
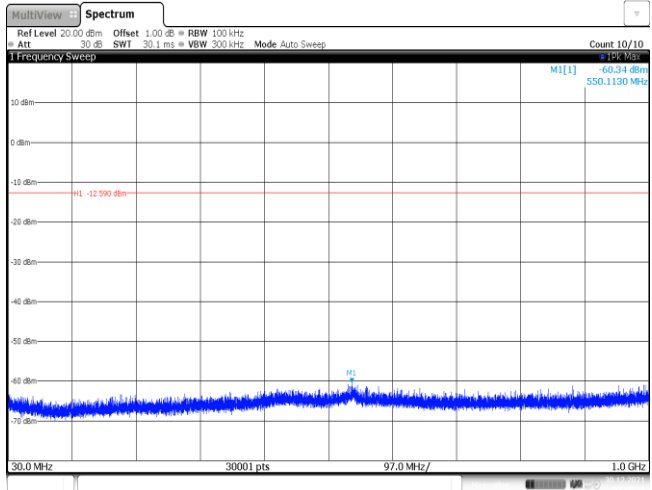
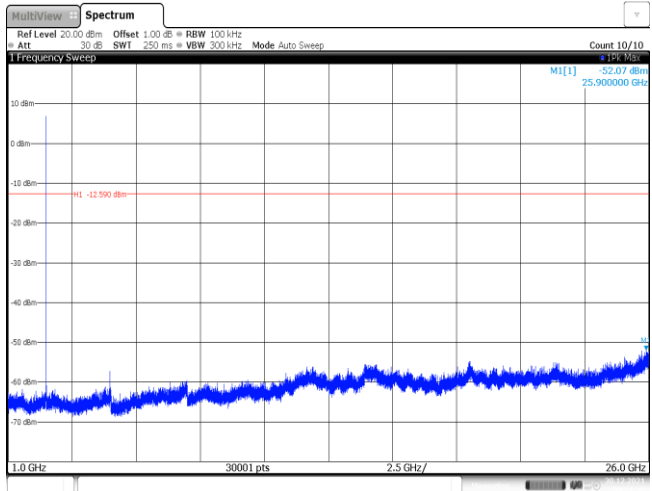
CH78
Hoppig mode

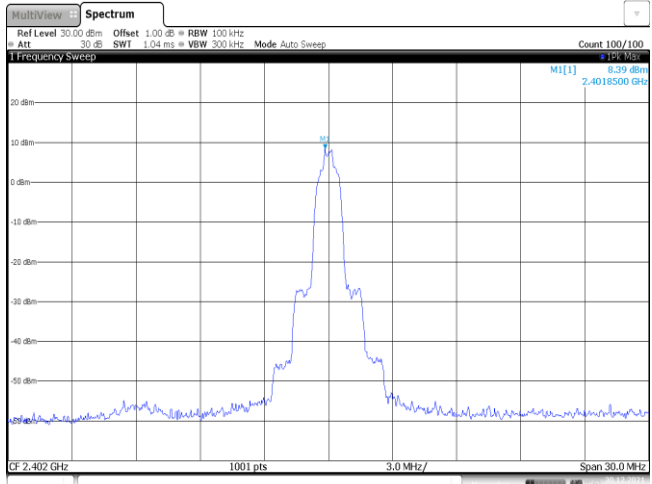
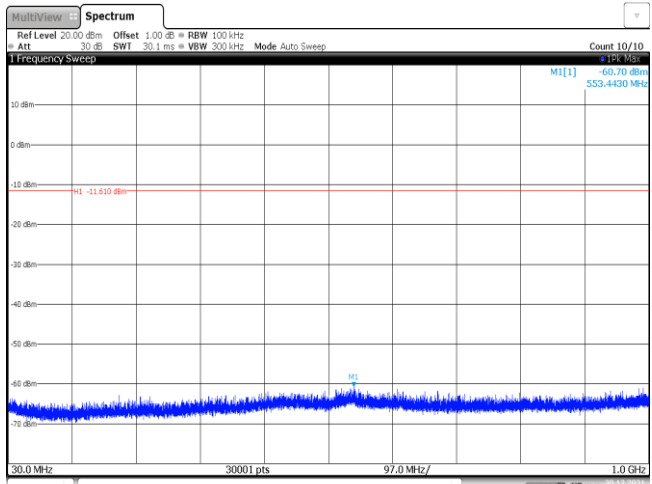
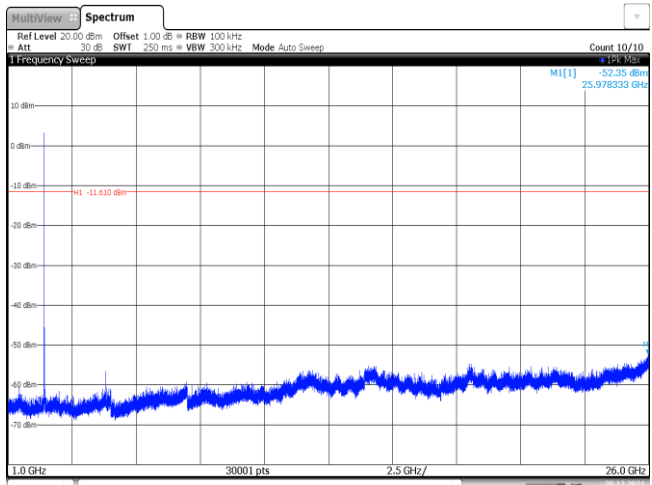


Date: 30 DEC 2021 09:43:02

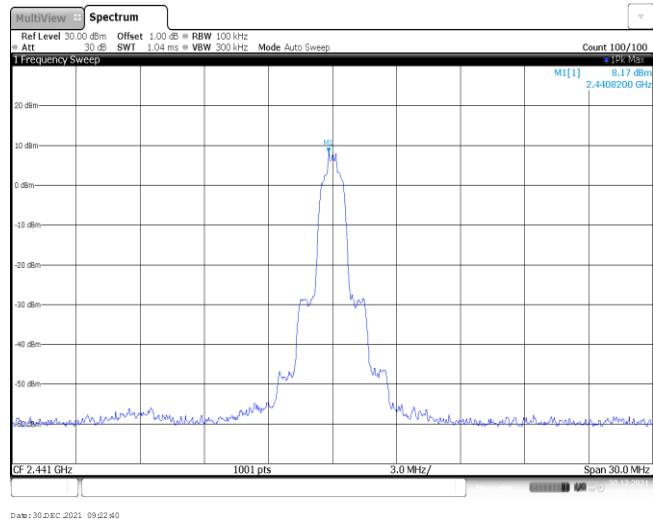
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<p>CH00 Reference level</p>	 <p>Date: 30 DEC 2021 09:04:46</p>		
<p>CH00 30MHz~1000MHz</p>	 <p>Date: 30 DEC 2021 09:05:02</p>		
<p>CH00 1GHz~26GHz</p>	 <p>Date: 30 DEC 2021 09:05:18</p>		

<p>CH39 Reference level</p>	<p>Date: 30.DEC.2021 09:09:29</p>
<p>CH39 30MHz~1000MHz</p>	<p>Date: 30.DEC.2021 09:08:44</p>
<p>CH39 1GHz~26GHz</p>	<p>Date: 30.DEC.2021 09:09:00</p>

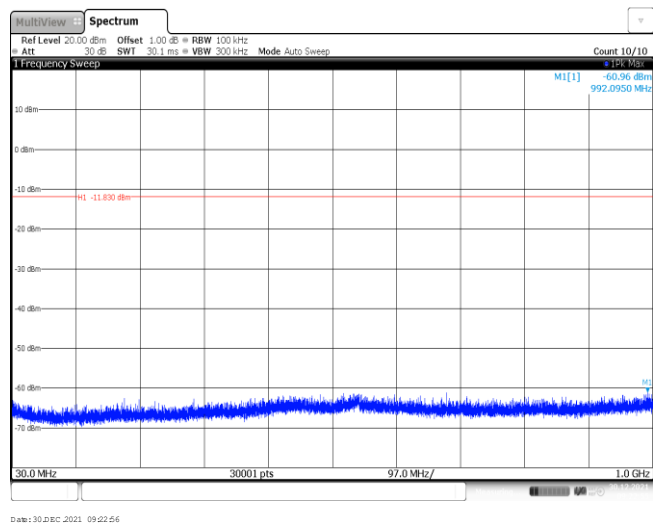
<p>CH78 Reference level</p>	 <p>The plot shows a single sharp peak at 2.48 GHz with a peak level of 7.41 dBm. The y-axis ranges from -80 dBm to 20 dBm, and the x-axis is centered at 2.48 GHz with a 3.0 MHz span.</p>
<p>CH78 30MHz~1000MHz</p>	 <p>The plot shows a noise floor across the 30 MHz to 1000 MHz range, with a peak level of -60.34 dBm. A red horizontal line is drawn at -12.500 dBm. The y-axis ranges from -80 dBm to 10 dBm, and the x-axis spans 30.0 MHz.</p>
<p>CH78 1GHz~26GHz</p>	 <p>The plot shows a noise floor across the 1 GHz to 26 GHz range, with a peak level of -52.07 dBm. A red horizontal line is drawn at -12.500 dBm. The y-axis ranges from -80 dBm to 10 dBm, and the x-axis spans 1.0 GHz.</p>

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 M1[1] 8.39 dBm 2.4018500 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 30.DEC.2021 09:19:06</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 M1[1] -60.70 dBm 553.4430 MHz M1 -11.610 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 30.DEC.2021 09:19:22</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 M1[1] -52.35 dBm 25.978333 GHz M1 -11.610 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 30.DEC.2021 09:19:38</p>		

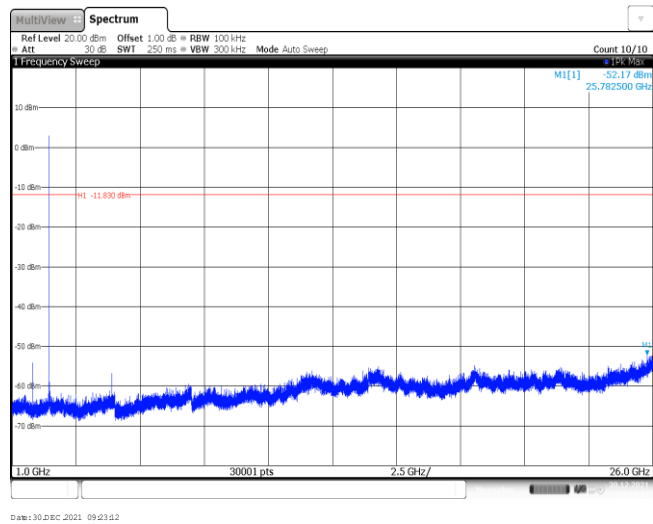
CH39
Reference level



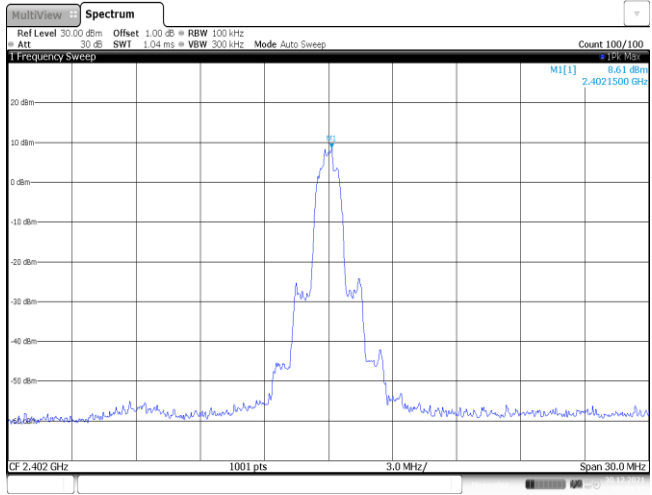
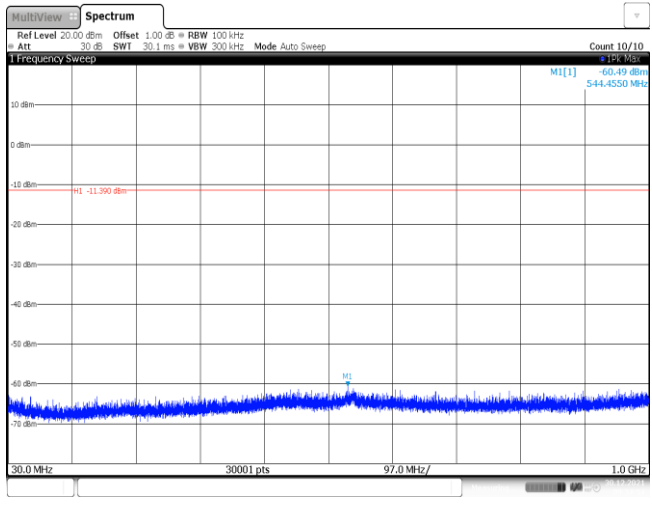
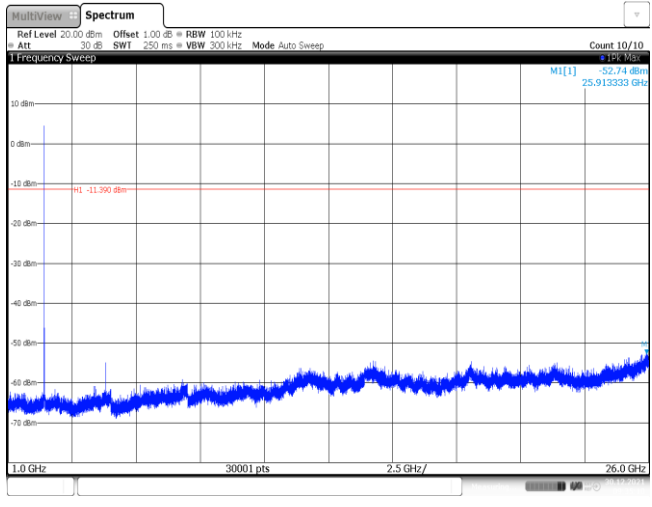
CH39
30MHz~1000MHz



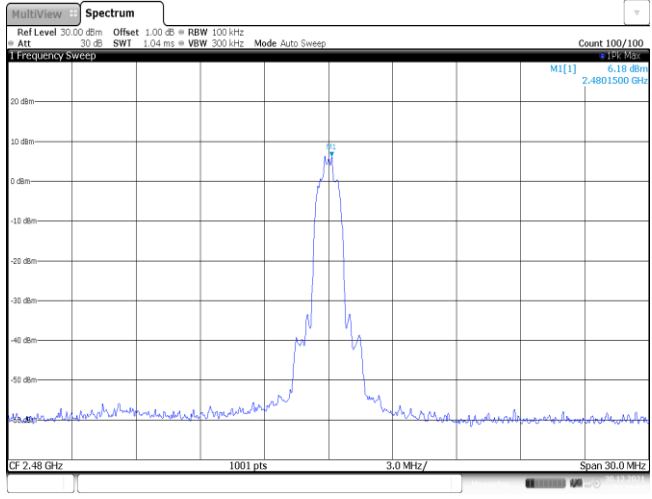
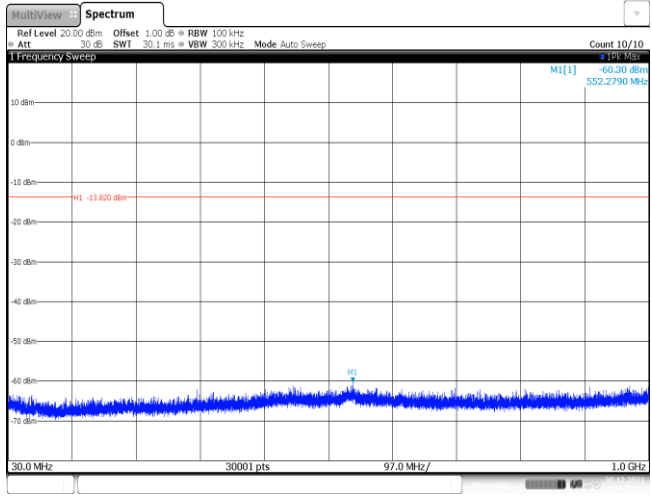
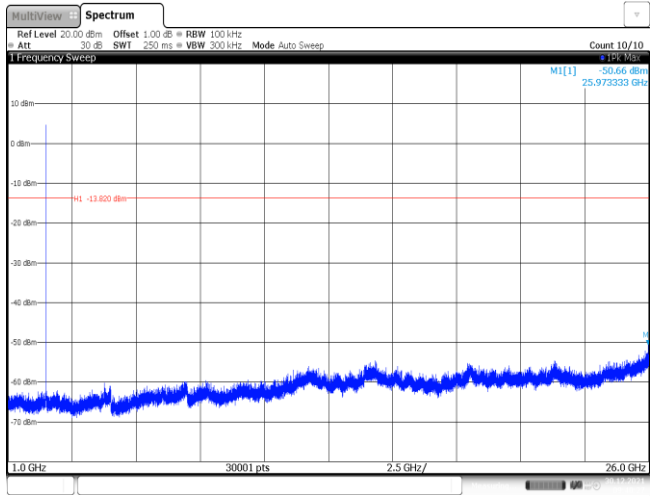
CH39
1GHz~26GHz



<p>CH78 Reference level</p>	<p>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att -30 dB SWF 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 6.12 dBm 2.4801500 GHz CF 2.48 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 30.Dec.2021 09:25:06</p>
<p>CH78 30MHz~1000MHz</p>	<p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att -30 dB SWF 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep M1[1] -60.70 dBm 554.3160 MHz 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 30.Dec.2021 09:25:52</p>
<p>CH78 1GHz~26GHz</p>	<p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att -30 dB SWF 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep M1[1] -51.59 dBm 25.945000 GHz 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 30.Dec.2021 09:26:08</p>

Test Item:	Spurious Emission	Modulation type:	8DPSK
<p>CH00 Reference level</p>	 <p>Date: 30.DEC.2021 09:24:27</p>		
<p>CH00 30MHz~1000MHz</p>	 <p>Date: 30.DEC.2021 09:24:53</p>		
<p>CH00 1GHz~26GHz</p>	 <p>Date: 30.DEC.2021 09:25:10</p>		

<p>CH39 Reference level</p>	<p>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att -30 dB SWT 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 MI[1] 7.81 dBm 2.4408500 GHz</p> <p>CF 2.441 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz</p> <p>Date: 30.Dec.2021 09:07:49</p>
<p>CH39 30MHz~1000MHz</p>	<p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att -30 dB SWT 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -60.63 dBm 550.3070 MHz</p> <p>MI -12.100 dBm</p> <p>30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz</p> <p>Date: 30.Dec.2021 09:28:06</p>
<p>CH39 1GHz~26GHz</p>	<p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att -30 dB SWT 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -51.40 dBm 25.985000 GHz</p> <p>MI -12.100 dBm</p> <p>1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz</p> <p>Date: 30.Dec.2021 09:29:22</p>

<p>CH78 Reference level</p>	 <p>The plot shows a single sharp peak at 2.48 GHz with a magnitude of 6.18 dBm. The y-axis ranges from -80 dBm to 20 dBm, and the x-axis is centered at 2.48 GHz with a 3.0 MHz span.</p>
<p>CH78 30MHz~1000MHz</p>	 <p>The plot shows a noise floor across the 30 MHz to 1000 MHz range. The maximum level is -60.50 dBm at 552.2790 MHz. A red horizontal line is drawn at -13.820 dBm. The y-axis ranges from -80 dBm to 10 dBm, and the x-axis spans 30.0 MHz.</p>
<p>CH78 1GHz~26GHz</p>	 <p>The plot shows a noise floor across the 1 GHz to 26 GHz range. The maximum level is -50.66 dBm at 25.973333 GHz. A red horizontal line is drawn at -13.820 dBm. The y-axis ranges from -80 dBm to 10 dBm, and the x-axis spans 1.0 GHz to 26.0 GHz.</p>

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