

APPENDIX REPORT

Project No.	SHT2103073011EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT21030730062	Model No.	Fenix8 3G
Start test date	2021-09-03	Finish date	2021-09-03
Temperature	25.2°C	Humidity	34%
Test Engineer	Xiaoqin Li	Auditor	Xiaodong Zhuo

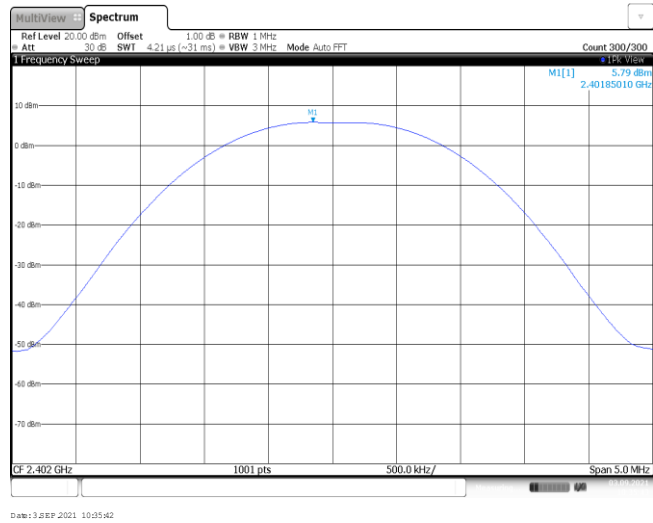
Appendix clause	Test item	Result
A	Peak Output Power	PASS
B	20 dB Bandwidth	PASS
C	99% Occupied Bandwidth	PASS
D	Carrier Frequencies Separation	PASS
E	Hopping Channel Number	PASS
F	Dwell Time	PASS
G	Duty Cycle Correction Factor (DCCF)	PASS
H	Band edge and Spurious Emissions(coducted)	PASS

Appendix A: Peak Output Power

Modulation type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
GFSK	00	5.79	5.74	≤ 30.00	Pass
	39	6.45	6.42		
	78	6.25	6.23		
π/4DQPSK	00	6.34	5.74	≤ 21.00	Pass
	39	6.94	6.32		
	78	6.77	6.12		
8DPSK	00	6.65	5.97	≤ 21.00	Pass
	39	7.25	6.56		
	78	7.11	6.37		

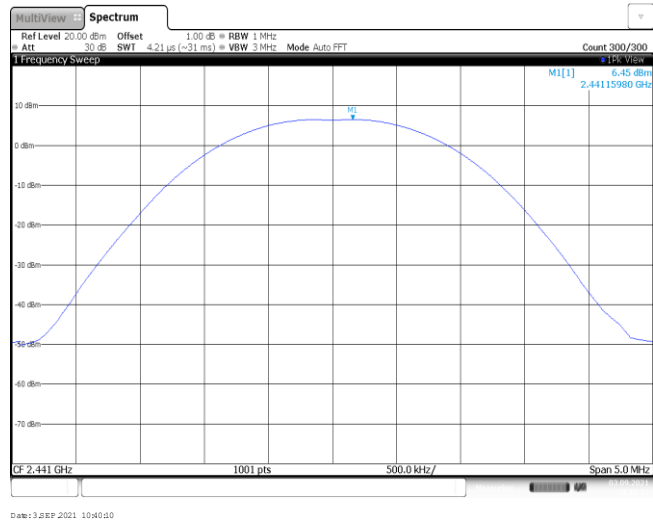
Modulation Type: GFSK

CH00



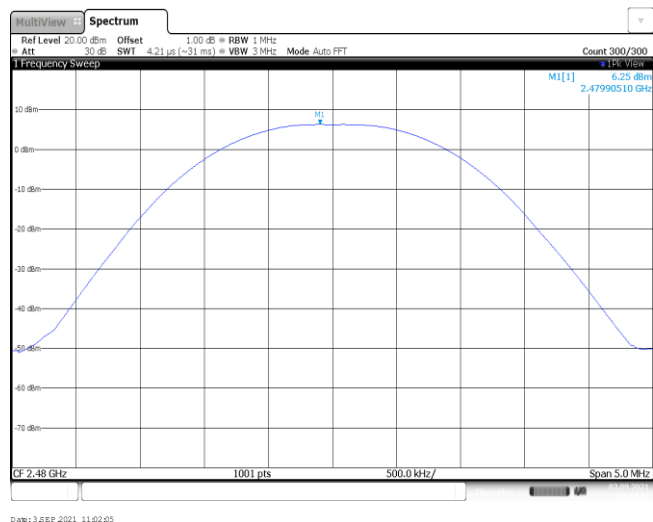
Date: 3 SEP 2021 10:35:42

CH39



Date: 3 SEP 2021 10:40:10

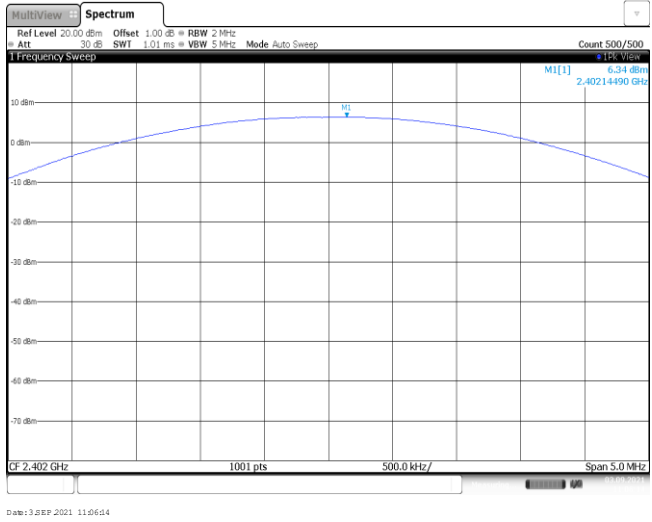
CH78



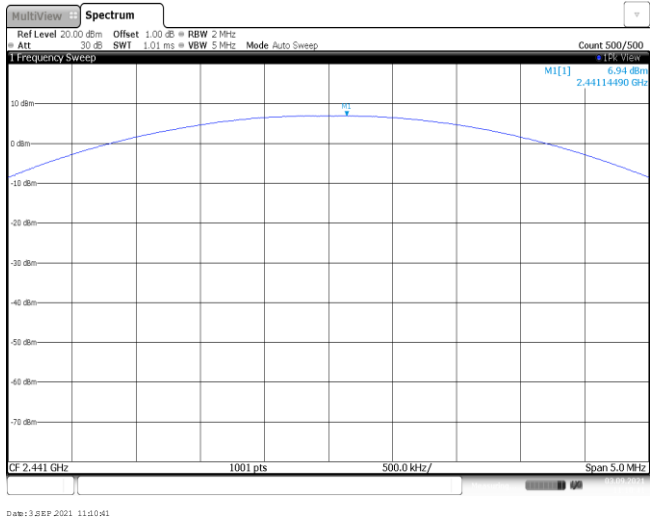
Date: 3 SEP 2021 11:02:05

Modulation Type: $\pi/4$ DQPSK

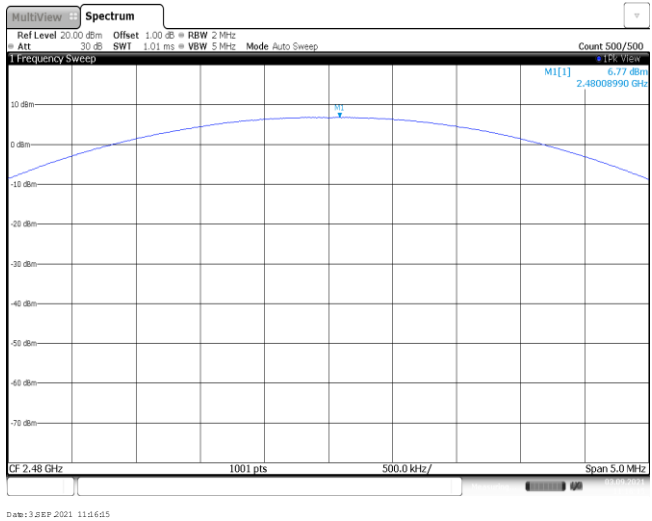
CH00



CH39



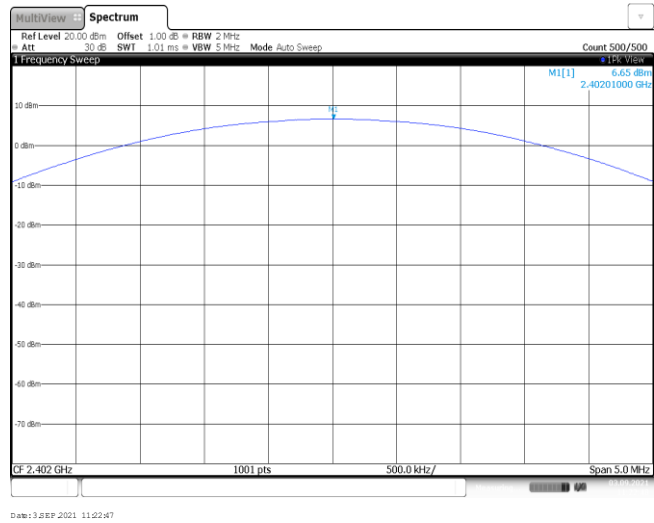
CH78



Modulation Type:

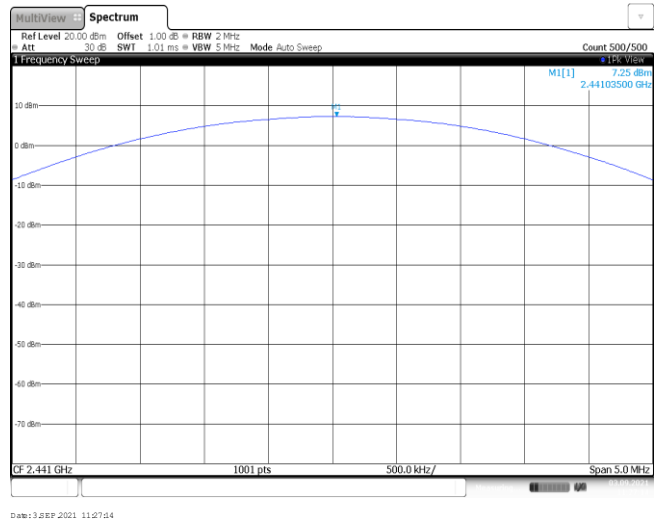
8DPSK

CH00



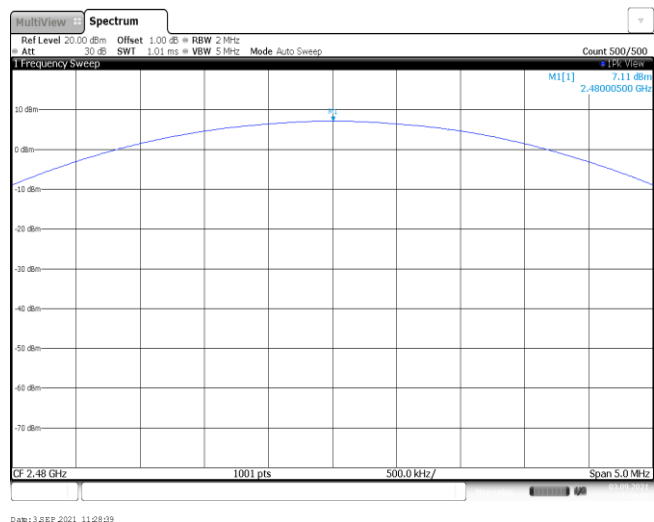
Date: 3 SEP 2021 11:22:47

CH39



Date: 3 SEP 2021 11:27:14

CH78



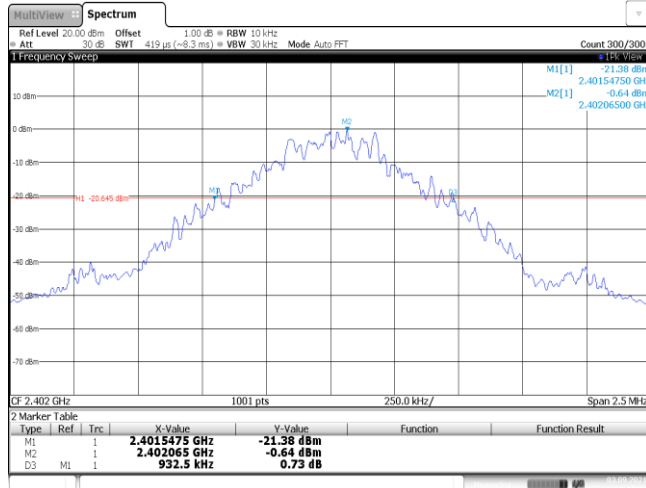
Date: 3 SEP 2021 11:28:09

Appendix B : 20 dB Bandwidth

Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	932.50	-	Pass
	39	932.50		
	78	932.50		
$\pi/4$ DQPSK	00	1292.50	-	Pass
	39	1292.50		
	78	1292.50		
8DPSK	00	1297.50	-	Pass
	39	1297.50		
	78	1300.00		

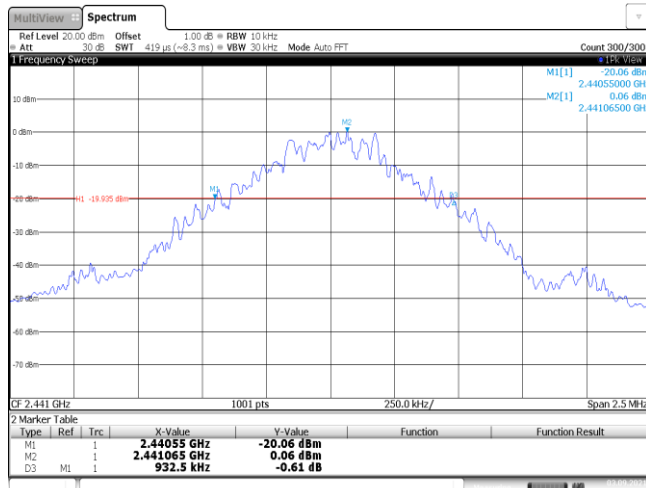
Modulation Type: GFSK

CH00



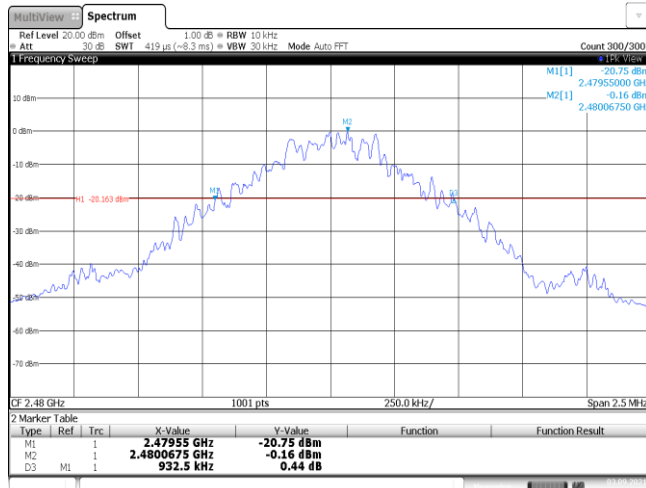
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CH39



Date: 3 SEP 2021 10:29:22

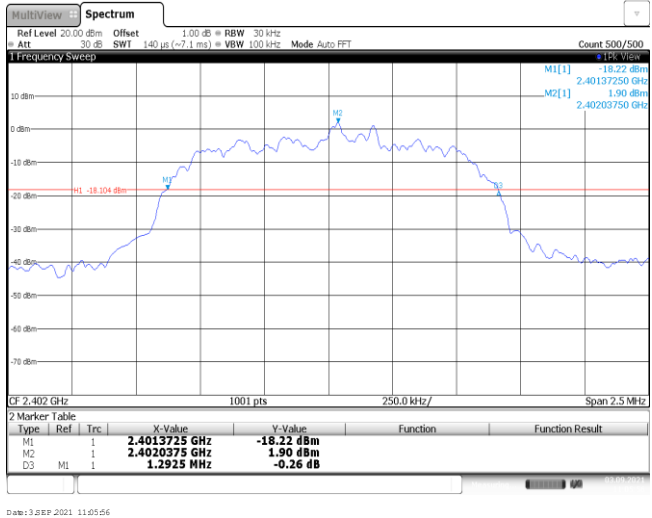
CH78



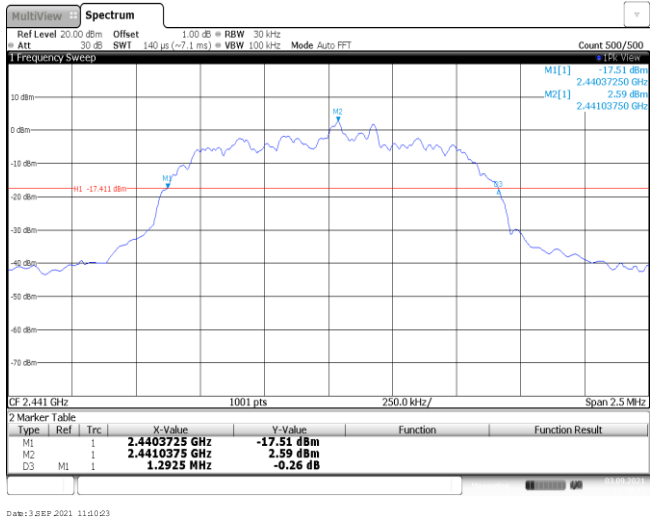
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Modulation Type: $\pi/4$ DQPSK

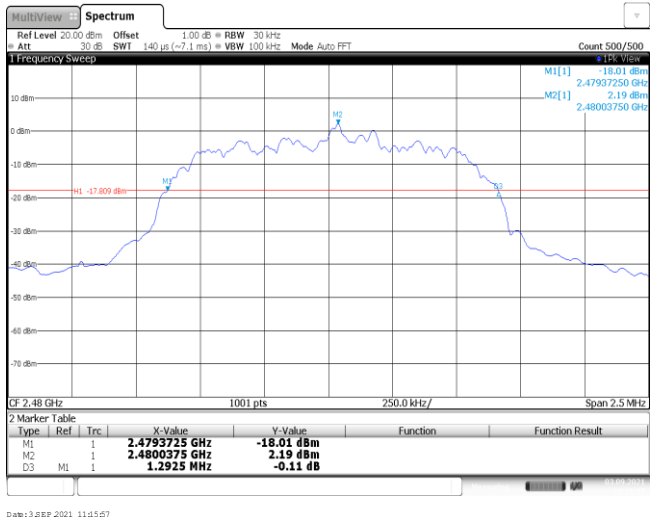
CH00



CH39

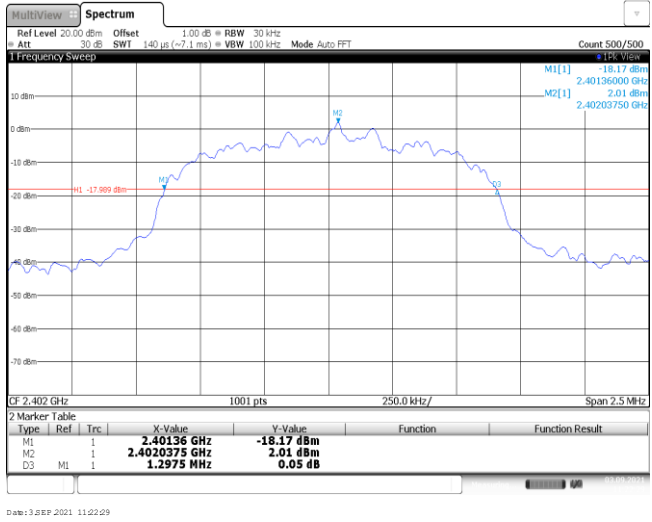


CH78



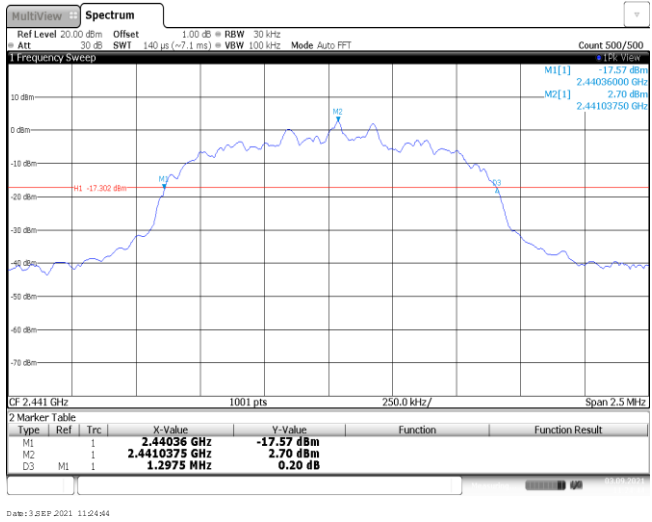
Modulation Type: 8DPSK

CH00



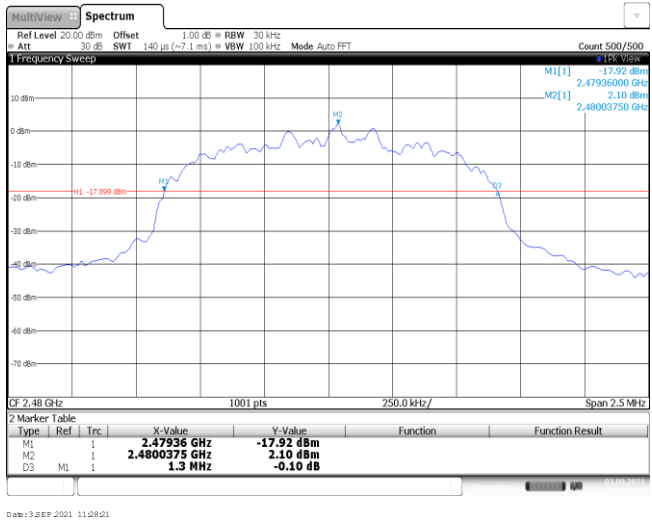
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CH39



Date: 3.SEP.2021 11:24:44

CH78



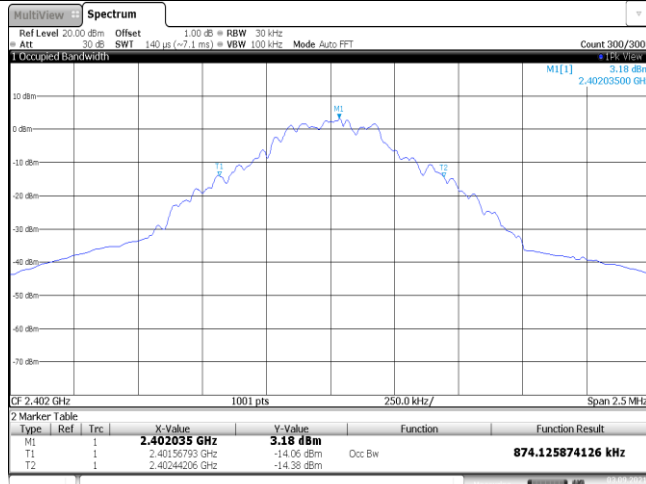
Date: 3.SEP.2021 11:28:21

Appendix C: 99% Occupied Bandwidth

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.87	-	Pass
	39	0.87		
	78	0.87		
$\pi/4$ DQPSK	00	1.19	-	Pass
	39	1.19		
	78	1.19		
8DPSK	00	1.18	-	Pass
	39	1.18		
	78	1.18		

Modulation Type: GFSK

CH00



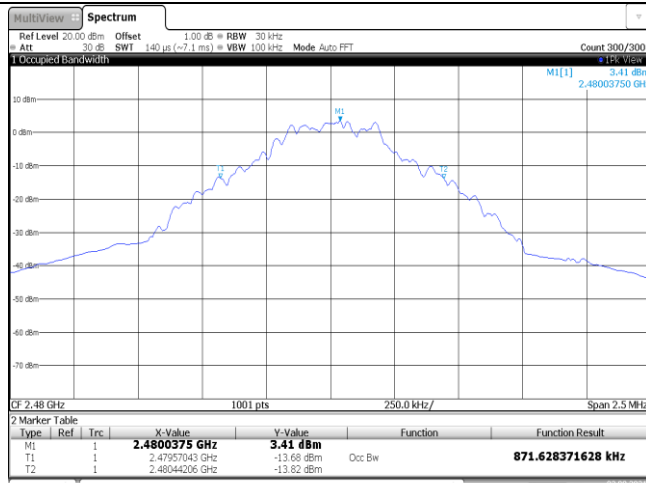
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CH39



Date: 3 SEP 2021 10:40:01

CH78

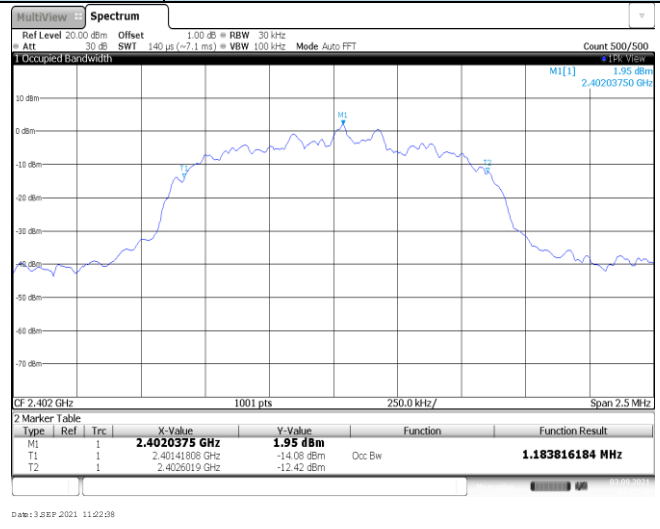


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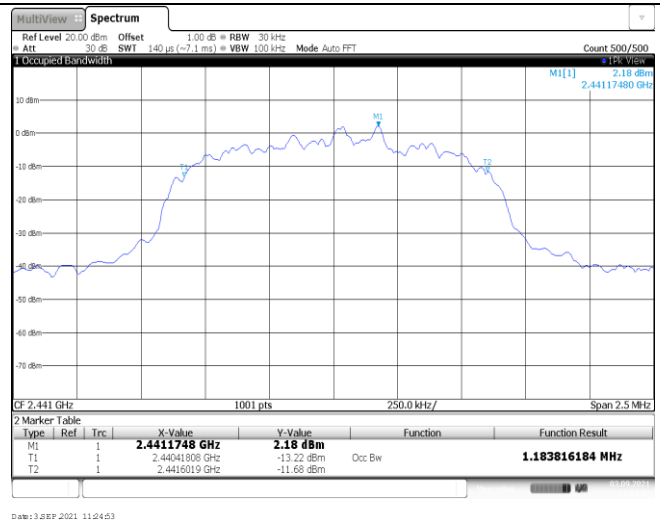
Modulation Type: $\pi/4$ DQPSK																													
CH00	<p>2 Marker Table</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.4020375 GHz</td> <td>1.59 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.40141338 GHz</td> <td>-11.94 dBm</td> <td>Occ BW</td> <td>1.186313686 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4020019 GHz</td> <td>-13.88 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 3 SEP 2021 11:06:05</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.4020375 GHz	1.59 dBm			T1	1		2.40141338 GHz	-11.94 dBm	Occ BW	1.186313686 MHz	T2	1		2.4020019 GHz	-13.88 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.4020375 GHz	1.59 dBm																									
T1	1		2.40141338 GHz	-11.94 dBm	Occ BW	1.186313686 MHz																							
T2	1		2.4020019 GHz	-13.88 dBm																									
CH39	<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>2.4410375 GHz</td> <td>2.29 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.44041338 GHz</td> <td>-11.40 dBm</td> <td>Occ BW</td> <td>1.186313686 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4410019 GHz</td> <td>-13.11 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 3 SEP 2021 11:10:01</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.4410375 GHz	2.29 dBm			T1	1		2.44041338 GHz	-11.40 dBm	Occ BW	1.186313686 MHz	T2	1		2.4410019 GHz	-13.11 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.4410375 GHz	2.29 dBm																									
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CH78	<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>2.4800375 GHz</td> <td>2.18 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.47941338 GHz</td> <td>-11.81 dBm</td> <td>Occ BW</td> <td>1.186313686 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4800019 GHz</td> <td>-13.42 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 3 SEP 2021 11:16:05</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.4800375 GHz	2.18 dBm			T1	1		2.47941338 GHz	-11.81 dBm	Occ BW	1.186313686 MHz	T2	1		2.4800019 GHz	-13.42 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.4800375 GHz	2.18 dBm																									
T1	1		2.47941338 GHz	-11.81 dBm	Occ BW	1.186313686 MHz																							
T2	1		2.4800019 GHz	-13.42 dBm																									

Modulation Type: 8DPSK

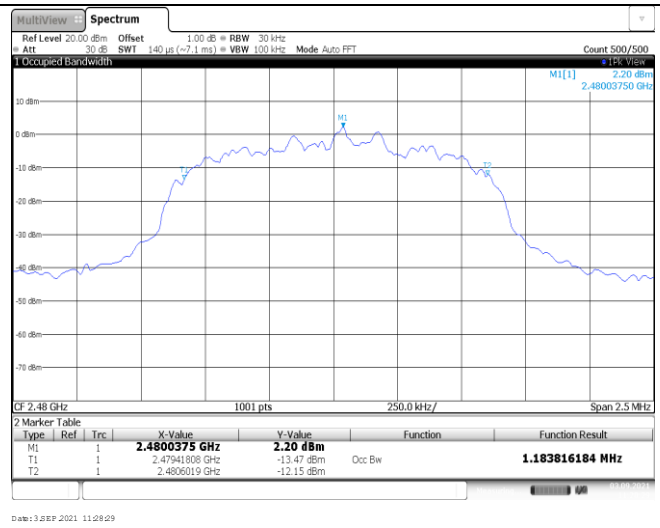
CH00



CH39



CH78



Appendix D: Carrier Frequencies Separation

Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥932.50	Pass
π/4DQPSK	39	1.00	≥861.67	Pass
8DPSK	39	1.00	≥866.67	Pass

Note:

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

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

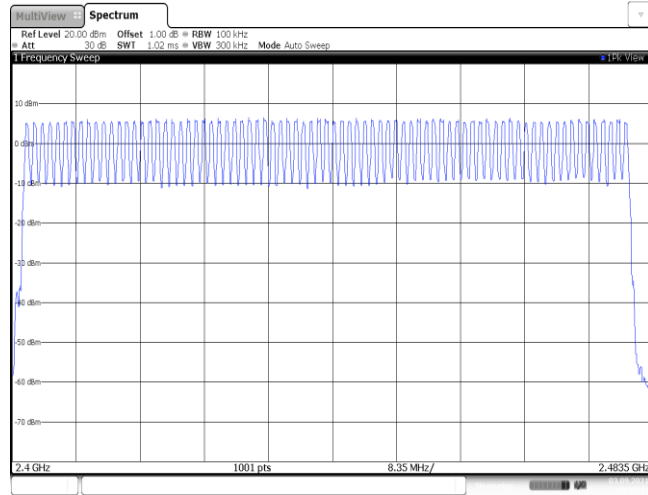
8DPSK limit = 2/3 * The maximum 20 dB Bandwidth for 8DPSK modulation on the appendix B

<p style="text-align: center;">GFSK</p>	<p style="text-align: center;">Date: 3 SEP 2021 10:50:41</p>
<p style="text-align: center;">$\pi/4$DQPSK</p>	<p style="text-align: center;">Date: 3 SEP 2021 11:27:24</p>
<p style="text-align: center;">8DPSK</p>	<p style="text-align: center;">Date: 3 SEP 2021 11:21:13</p>

Appendix E: Hopping Channel Number

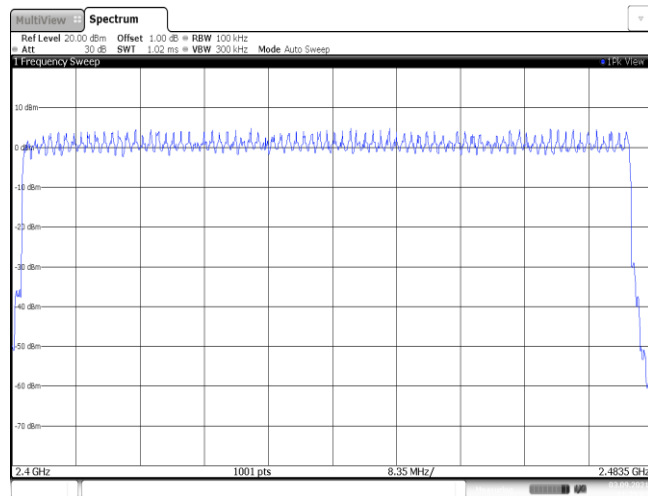
Modulation type	Channel number	Limit	Result
GFSK	79	≥15.00	Pass
π/4DQPSK	79		
8DPSK	79		

GFSK



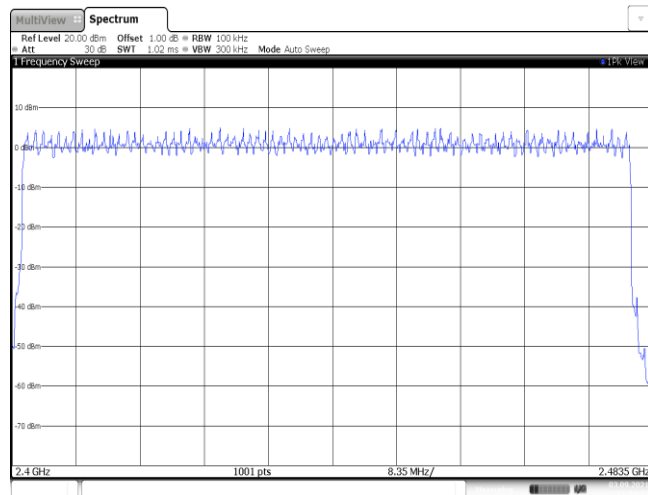
Date: 3 SEP 2021 10:52:44

$\pi/4$ DQPSK



Date: 3 SEP 2021 11:19:04

8DPSK



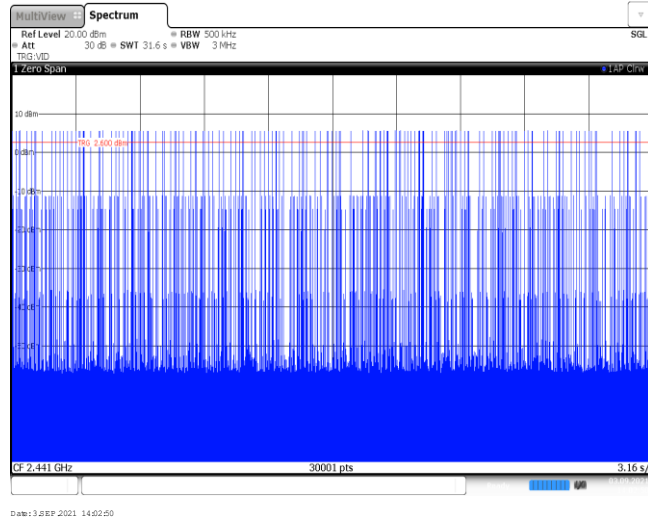
Date: 3 SEP 2021 11:22:23

Appendix F: Dwell Time

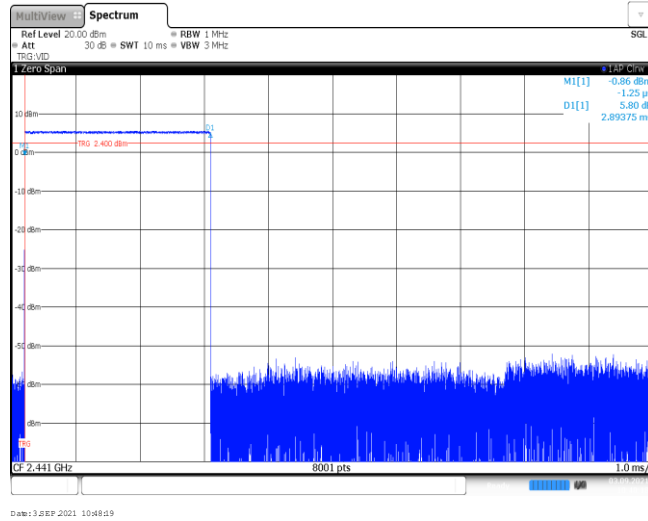
Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.39	320	0.13	≤ 0.40	Pass
	DH3	1.65	155	0.26		
	DH5	2.89	115	0.33		
π/4DQPSK	2DH1	0.38	320	0.12	≤ 0.40	Pass
	2DH3	1.63	156	0.26		
	2DH5	2.88	113	0.33		
8DPSK	3DH1	0.38	318	0.12	≤ 0.40	Pass
	3DH3	1.63	150	0.25		
	3DH5	2.88	107	0.31		

Modulation Type: GFSK	
DH1 Burst width	
DH1 Burst number	
DH3 Burst width	

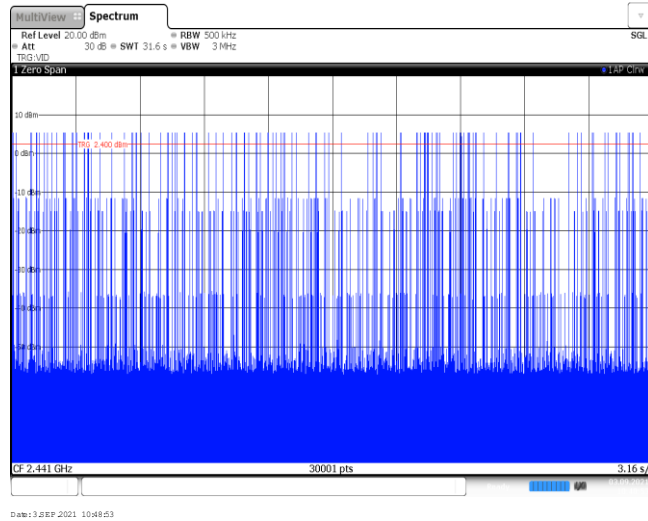
DH3
Burst number



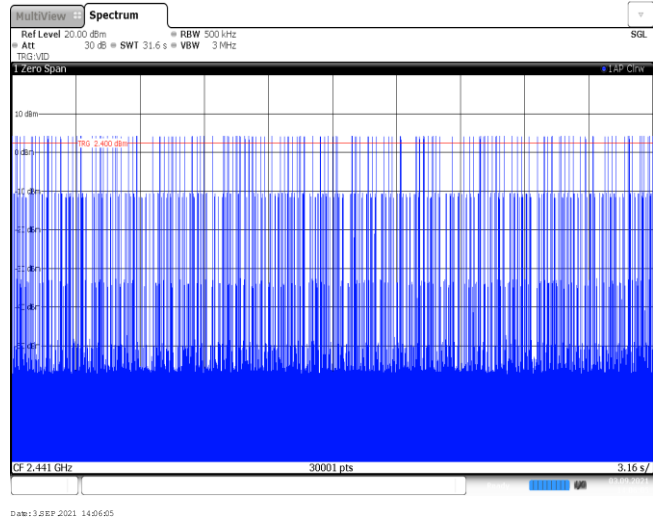
DH5
Burst width



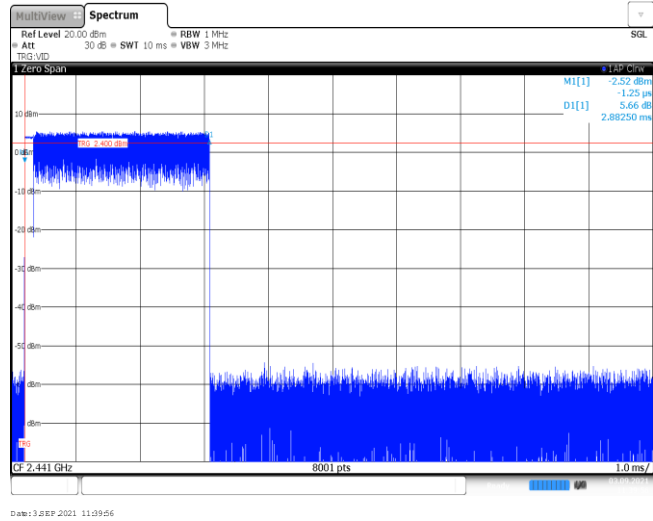
DH5
Burst number



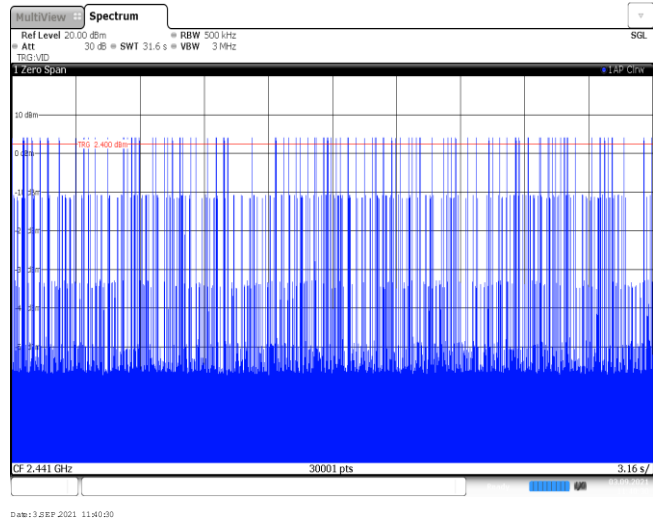
2DH3
Burst number



2DH5
Burst width

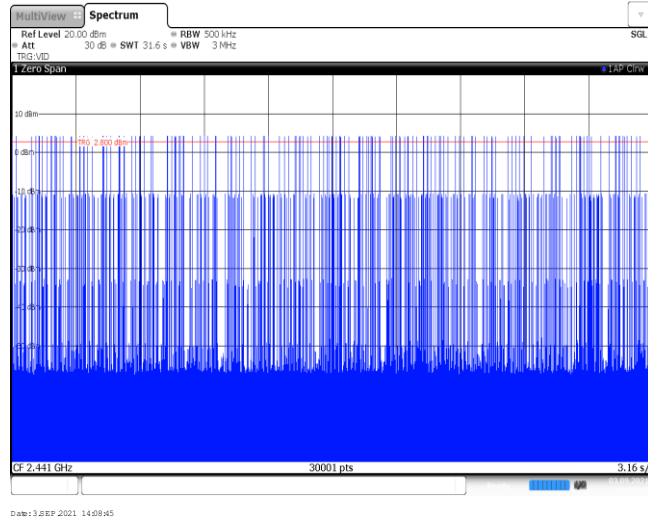


2DH5
Burst number

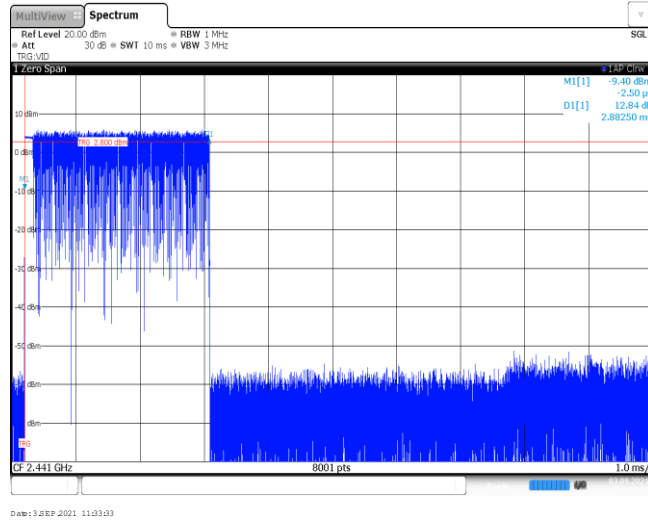


Modulation Type: 8DPSK	
3DH1 Burst width	<p>Date: 3 SEP 2021 14:26:54</p>
3DH1 Burst number	<p>Date: 3 SEP 2021 14:27:28</p>
3DH3 Burst width	<p>Date: 3 SEP 2021 14:28:11</p>

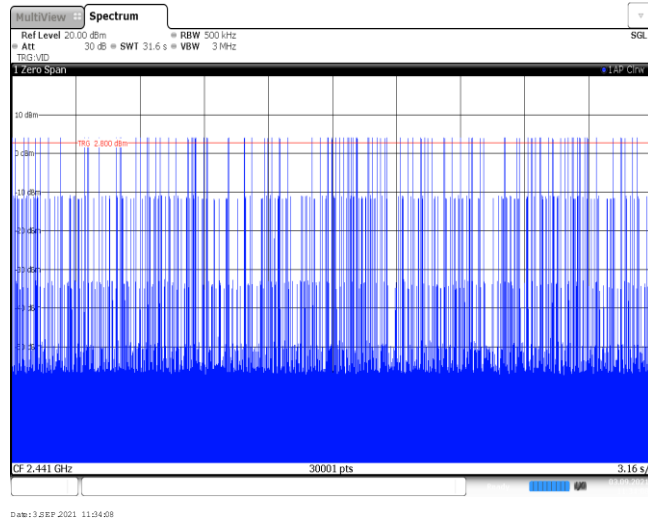
3DH3
Burst number



3DH5
Burst width



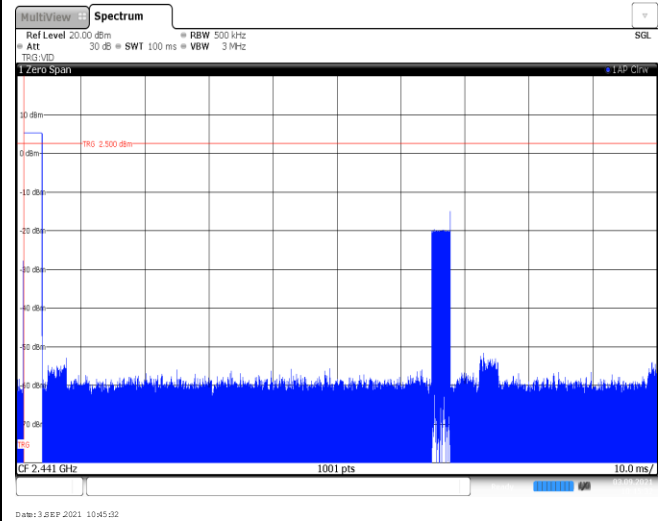
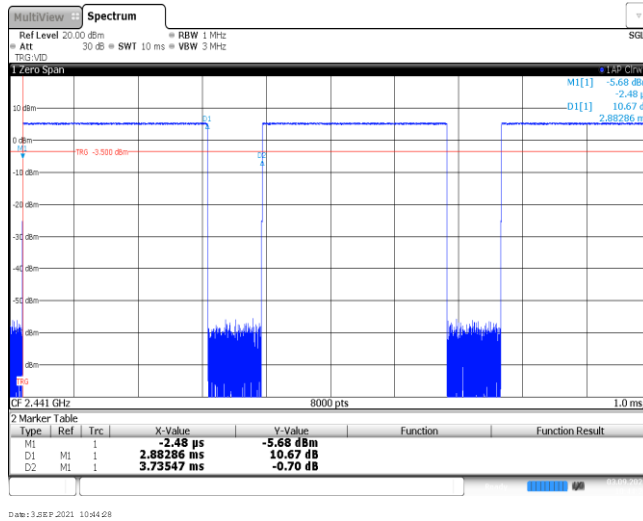
3DH5
Burst number



Appendix G: Duty Cycle Correction Factor (DCCF)

DCCF Calculate Formula					
DCCF=20 * Log(duty cycle) = 20 * Log($T_{on\ time} / T_{period}$)					
Modulation type	Test Frequency (MHz)	$T_{on\ time}$ for single burst [ms]	T_{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.88	100	2	-24.79
$\pi/4$ DQPSK	2441	2.87	100	1	-30.84
8DPSK	2441	2.87	100	2	-24.82

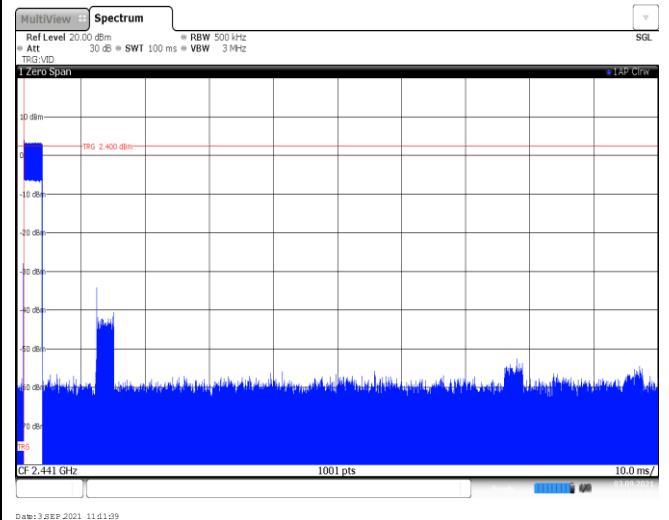
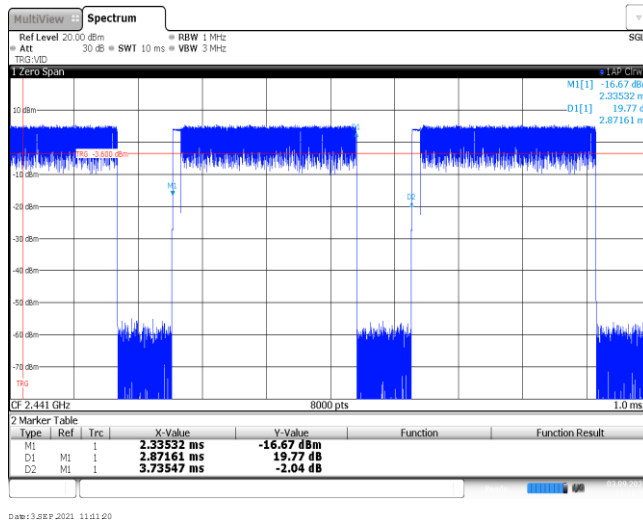
GFSK



Ton time for single burst

Burst Quantity

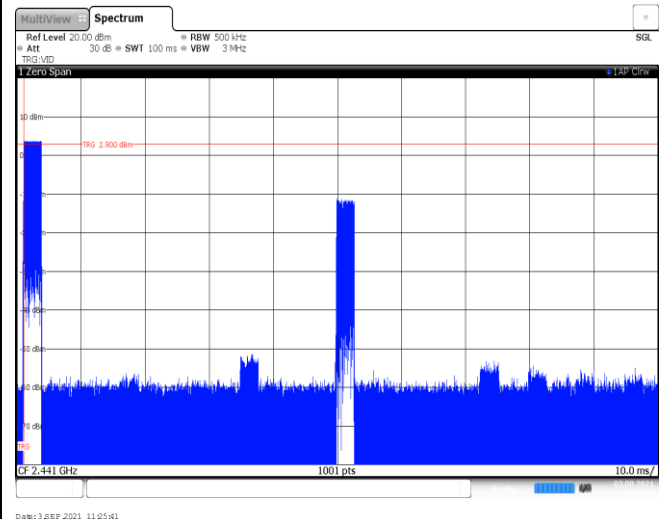
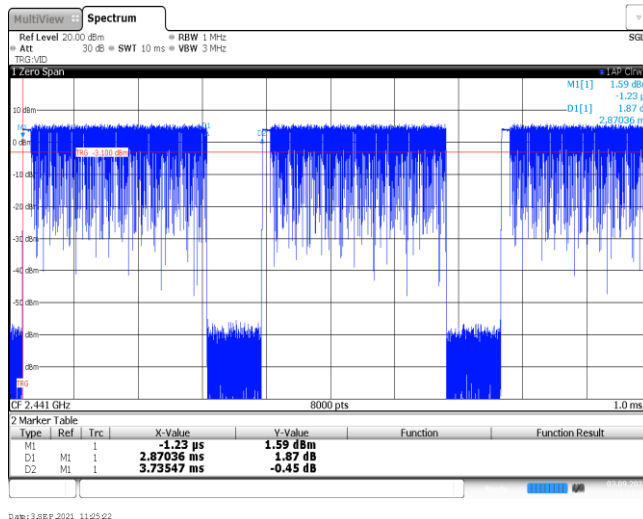
$\pi/4$ DQPSK



Ton time for single burst

Burst Quantity

8DPSK



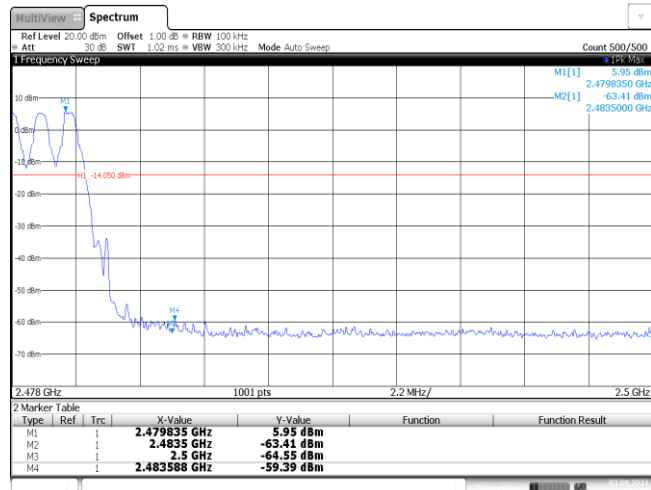
Ton time for single burst

Burst Quantity

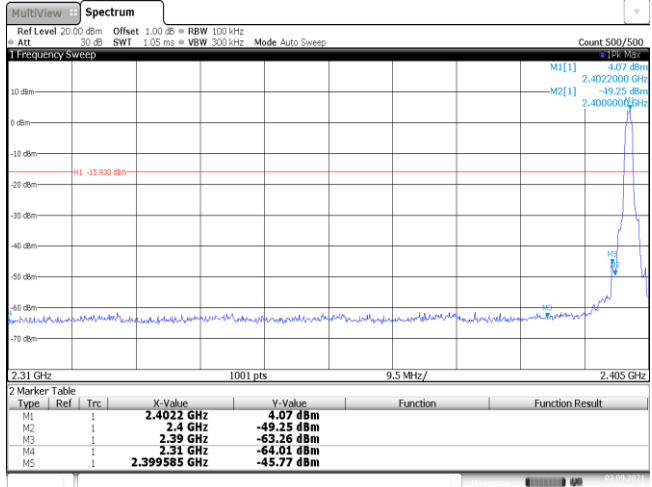
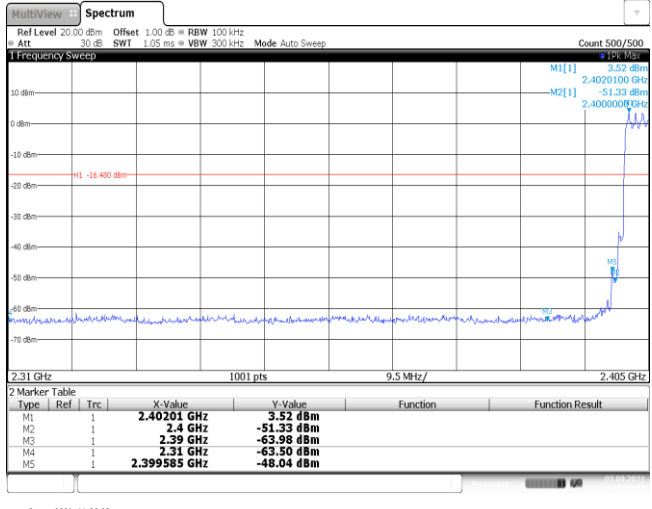
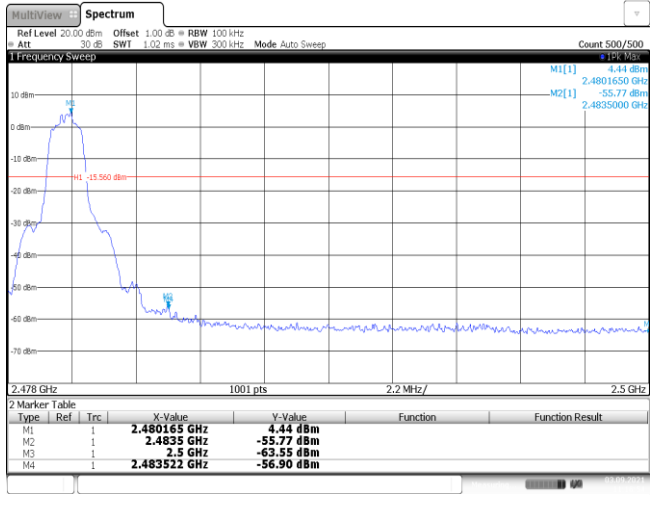
Appendix H: Band edge and Spurious Emissions (conducted)

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

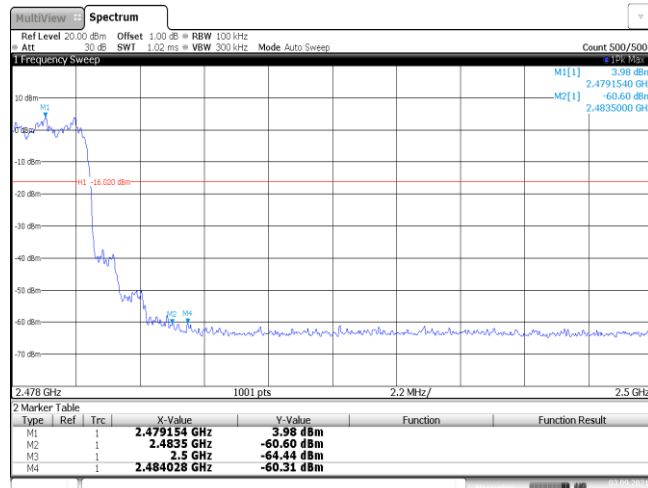
CH78
Hopping mode



Date: 3 SEP 2021 10:53:58

Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
<p>CH00 No hopping mode</p>	 <table border="1" data-bbox="683 638 1337 728"> <caption>2 Marker Table</caption> <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>2.4022 GHz</td> <td>4.07 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-49.25 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.26 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.01 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399585 GHz</td> <td>-45.77 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 3 SEP 2021 11:07:15</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.4022 GHz	4.07 dBm			M2	1		2.4 GHz	-49.25 dBm			M3	1		2.39 GHz	-63.26 dBm			M4	1		2.31 GHz	-64.01 dBm			M5	1		2.399585 GHz	-45.77 dBm		
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<p>CH00 Hopping mode</p>	 <table border="1" data-bbox="683 1193 1337 1283"> <caption>2 Marker Table</caption> <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>3.52 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-51.33 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.98 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.50 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399585 GHz</td> <td>-48.04 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 3 SEP 2021 11:29:23</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40201 GHz	3.52 dBm			M2	1		2.4 GHz	-51.33 dBm			M3	1		2.39 GHz	-63.98 dBm			M4	1		2.31 GHz	-63.50 dBm			M5	1		2.399585 GHz	-48.04 dBm		
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<p>CH78 No hopping mode</p>	 <table border="1" data-bbox="683 1742 1337 1832"> <caption>2 Marker Table</caption> <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>4.44 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-55.77 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-63.55 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.483522 GHz</td> <td>-56.90 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 3 SEP 2021 11:16:53</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.480165 GHz	4.44 dBm			M2	1		2.4835 GHz	-55.77 dBm			M3	1		2.5 GHz	-63.55 dBm			M4	1		2.483522 GHz	-56.90 dBm									
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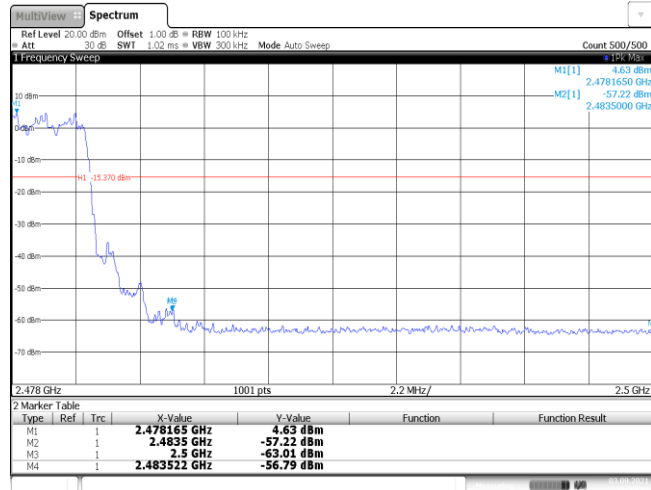
CH78
Hopping mode



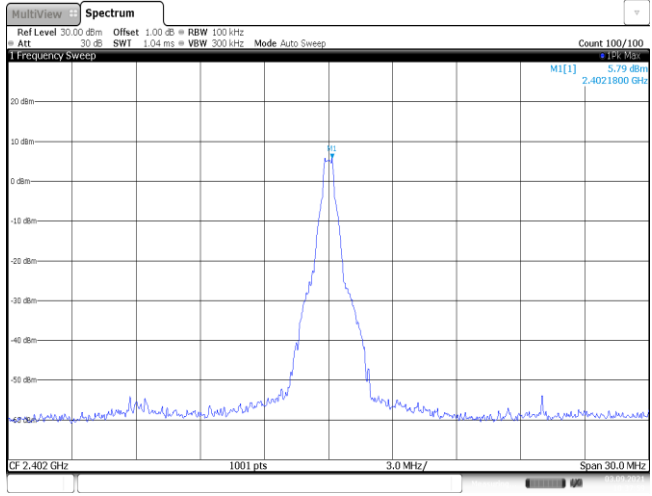
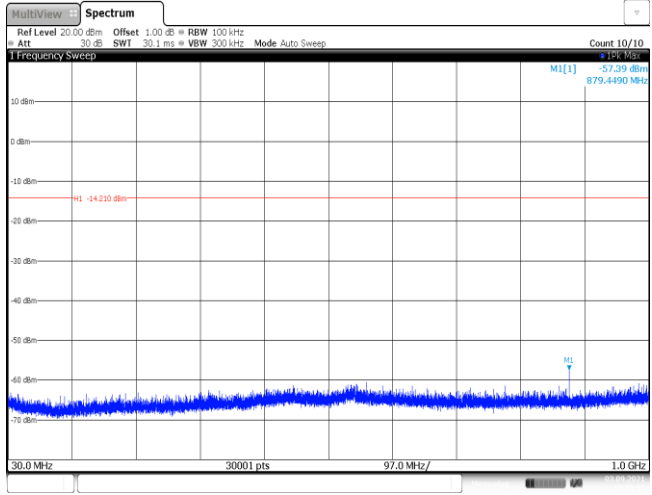
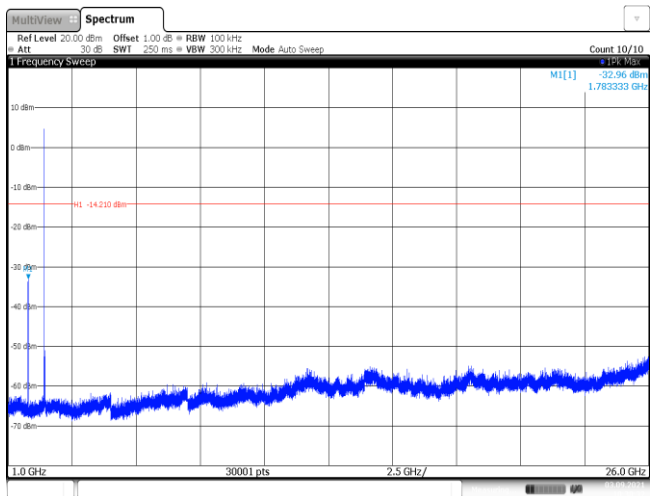
Date: 3 SEP 2021 11:29:44

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>2.401821 GHz</td> <td>4.26 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-47.85 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-62.34 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.05 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399585 GHz</td> <td>-45.65 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 3 SEP 2021 11:23:24</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.401821 GHz	4.26 dBm			M2	1		2.4 GHz	-47.85 dBm			M3	1		2.39 GHz	-62.34 dBm			M4	1		2.31 GHz	-64.05 dBm			M5	1		2.399585 GHz	-45.65 dBm		
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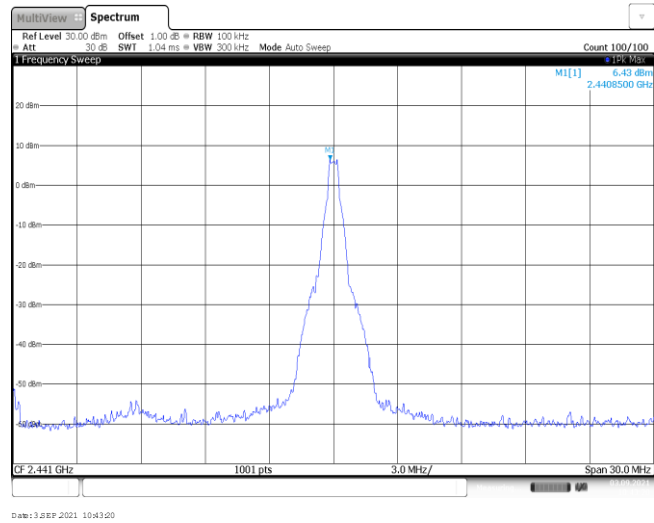
CH78
Hoppig mode



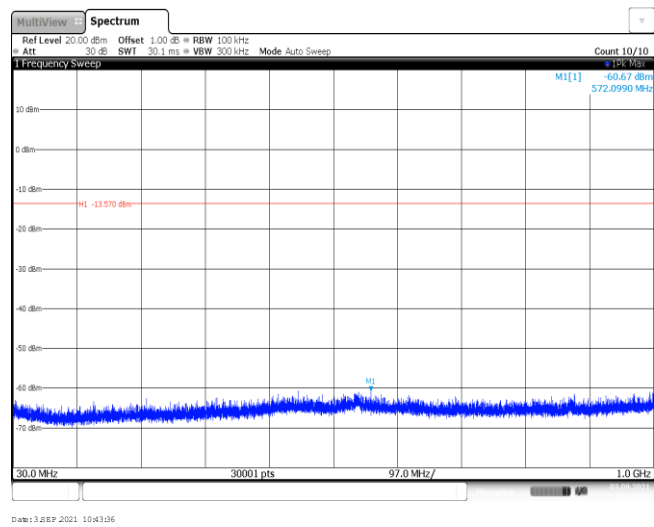
Date: 3 SEP 2021 11:03:01

Test Item:	Spurious Emission	Modulation type:	GFSK
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<p>CH00 30MHz~1000MHz</p>	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 Frequency Sweep MI[1] -57.39 dBm 879.4490 MHz MI -44.210 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 3.SEP.2021 10:28:15</p>		
<p>CH00 1GHz~26GHz</p>	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 Frequency Sweep MI[1] -32.96 dBm 1.765333 GHz MI -44.210 dBm 1.0 GHz 30001 pts 26.0 GHz/ 26.0 GHz Date: 3.SEP.2021 10:28:32</p>		

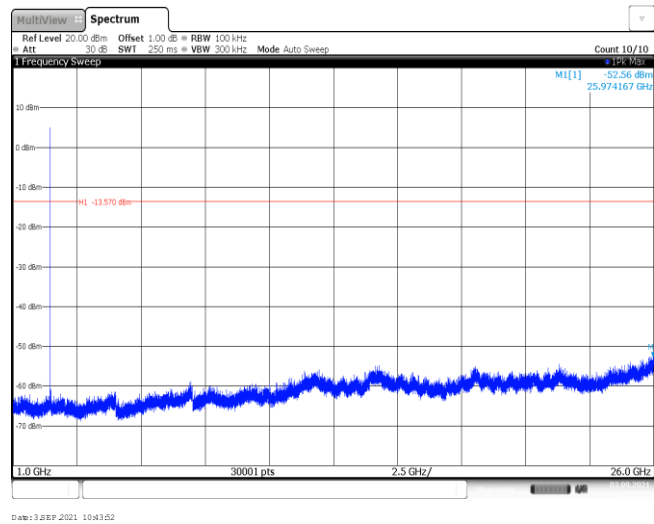
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Reference level



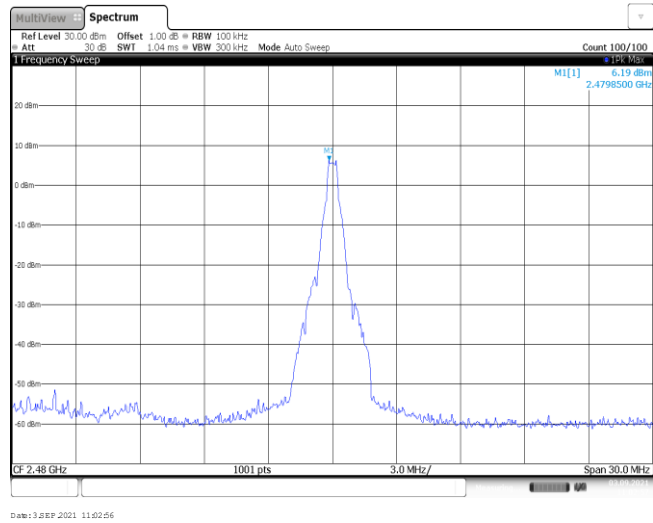
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30MHz~1000MHz



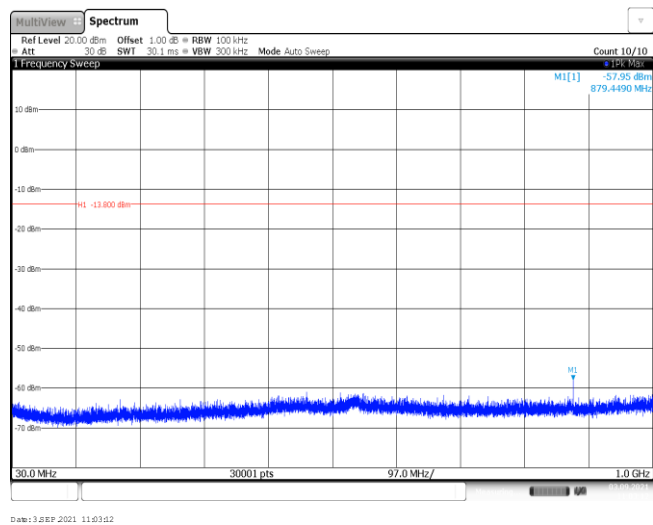
CH39
1GHz~26GHz



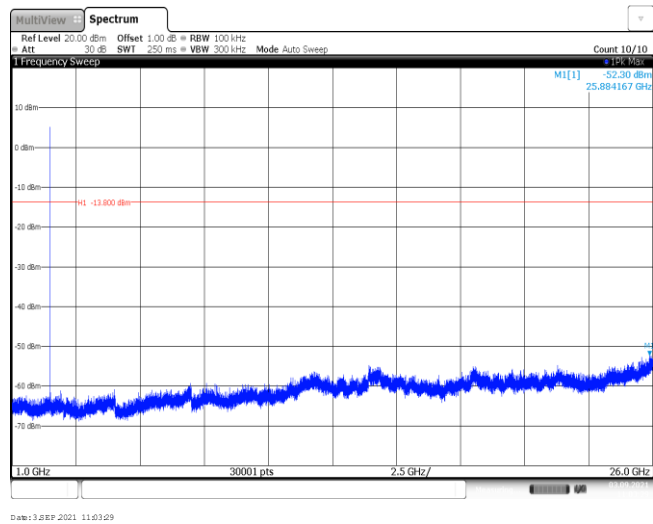
CH78
Reference level

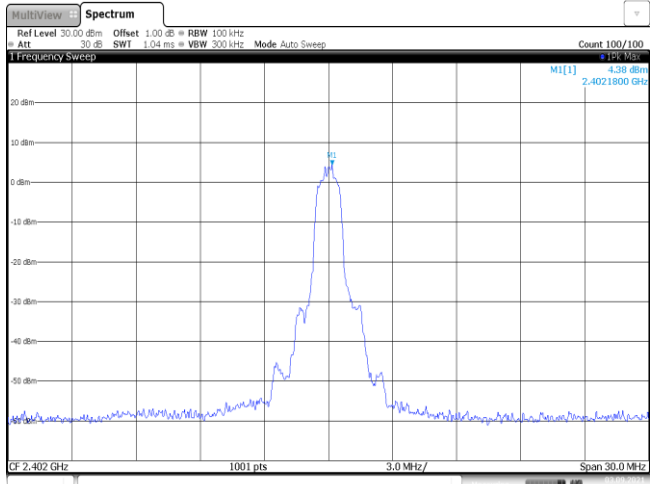
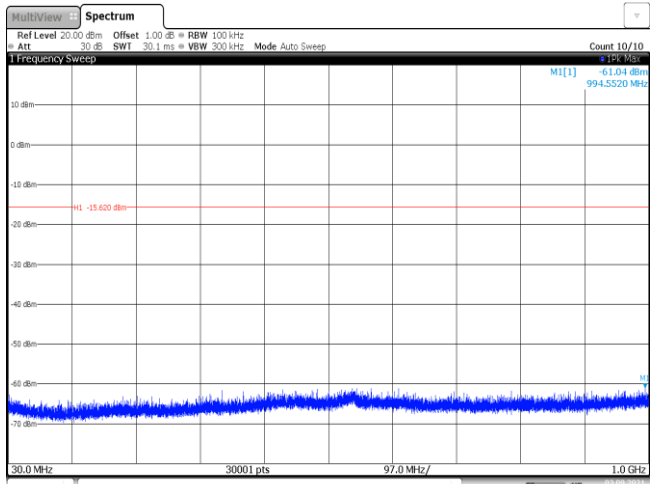
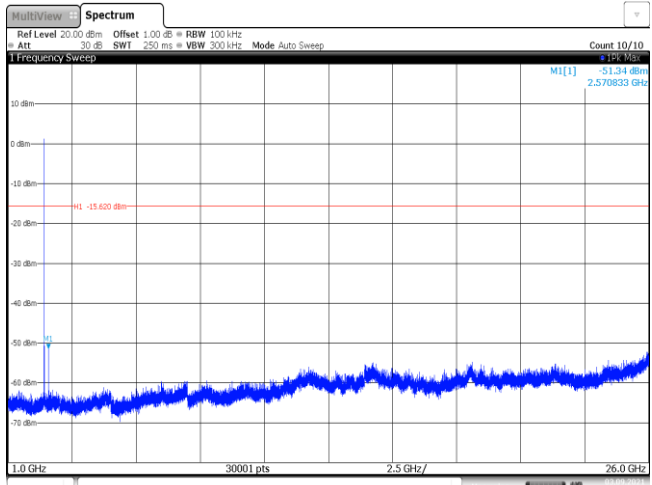


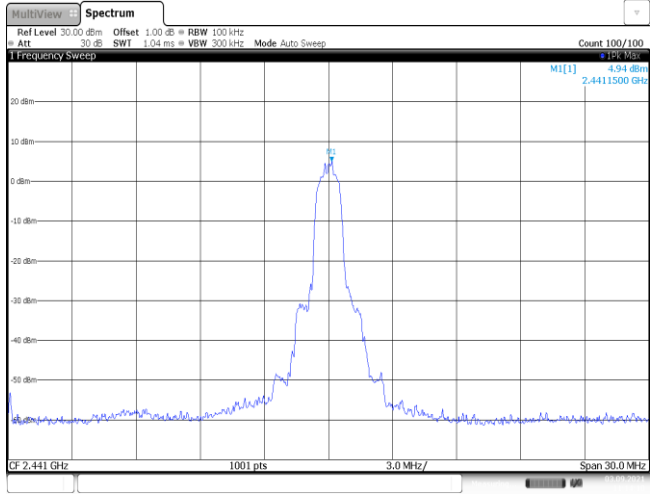
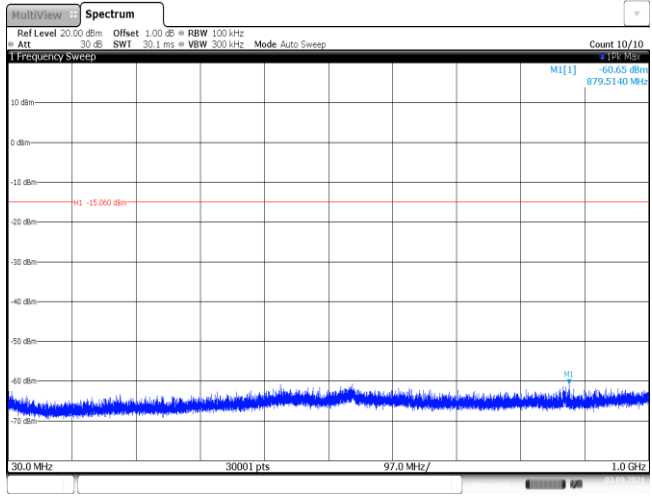
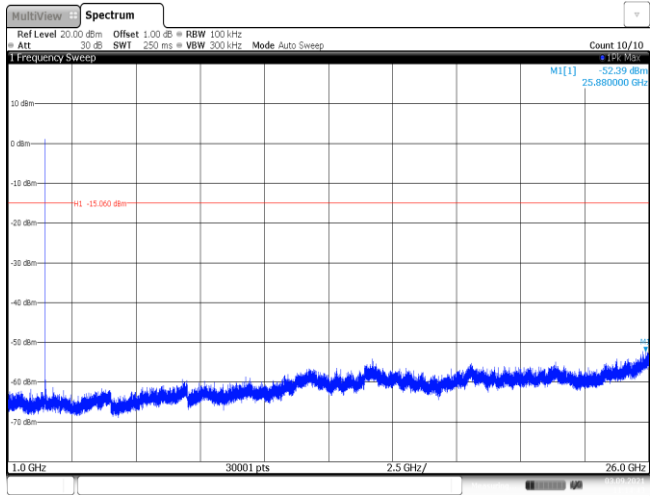
CH78
30MHz~1000MHz

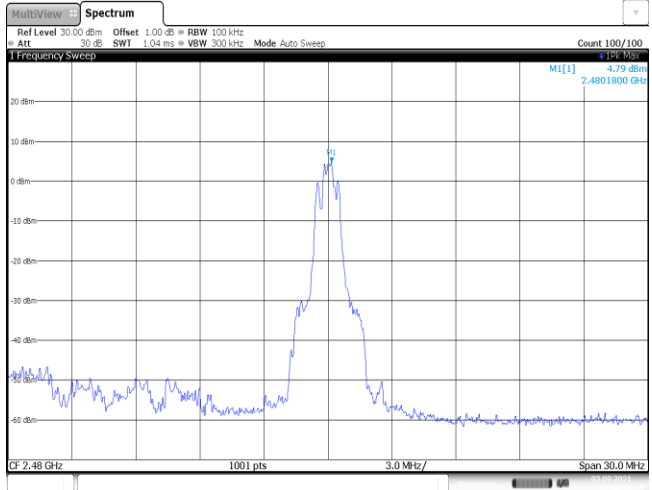
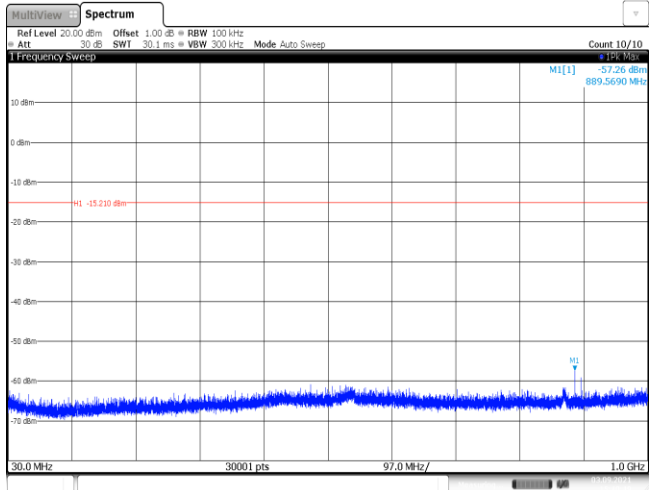
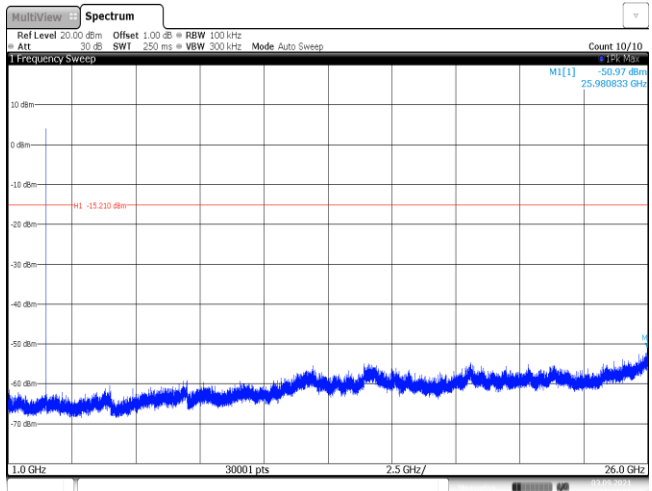


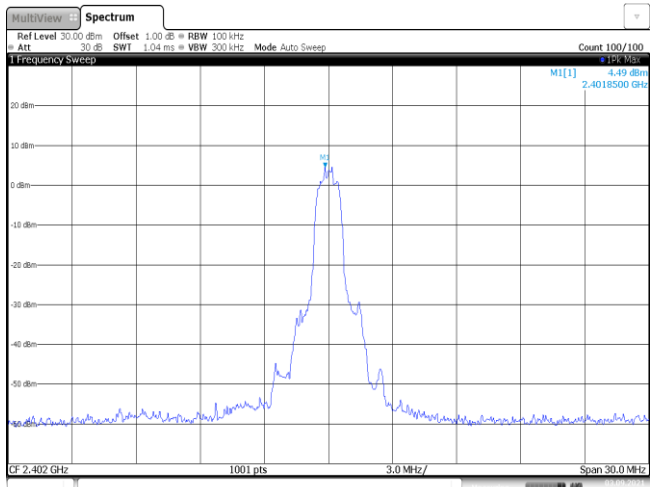
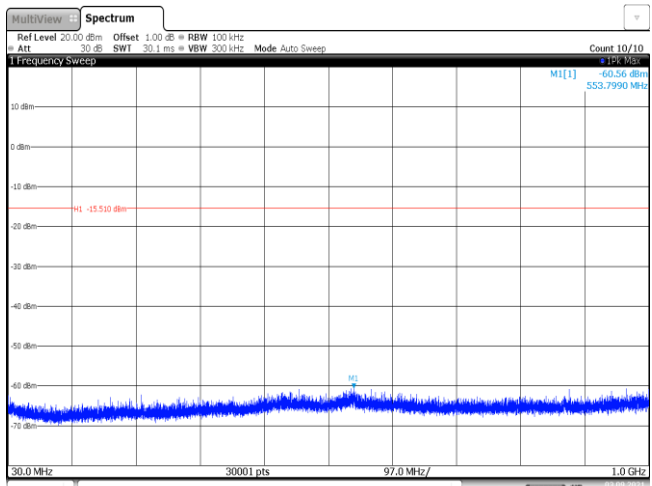
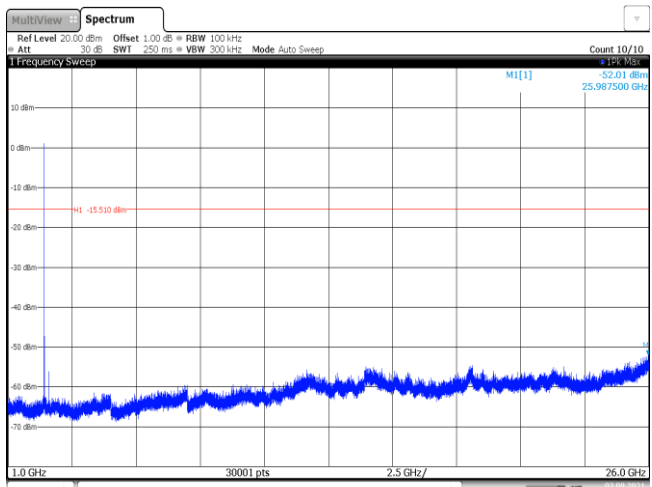
CH78
1GHz~26GHz

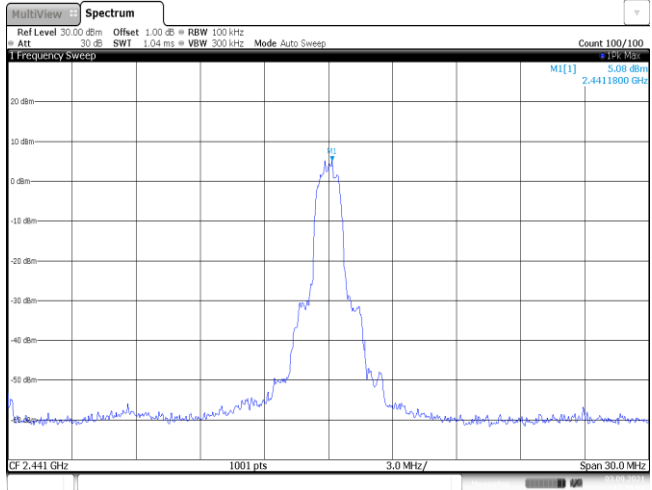
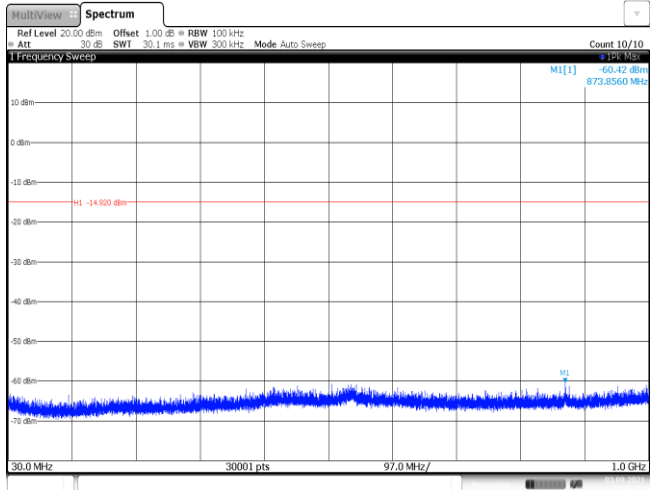
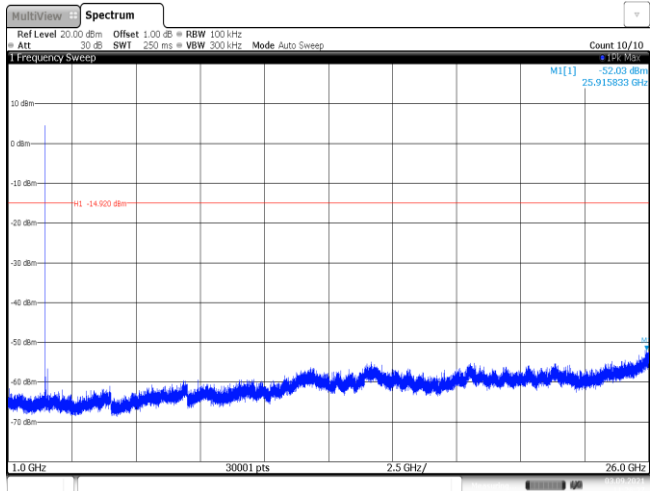


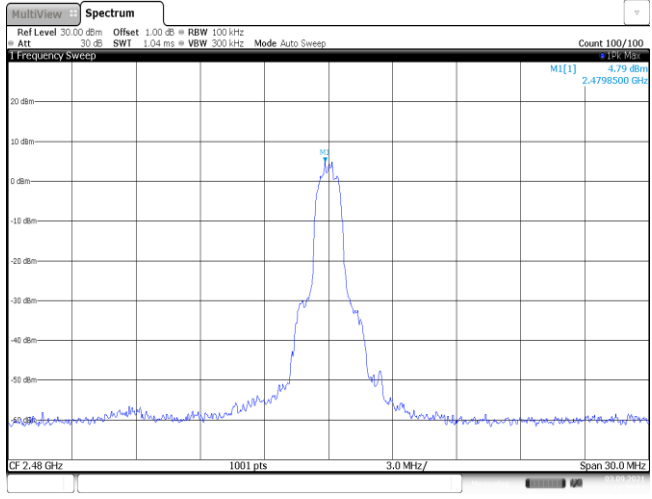
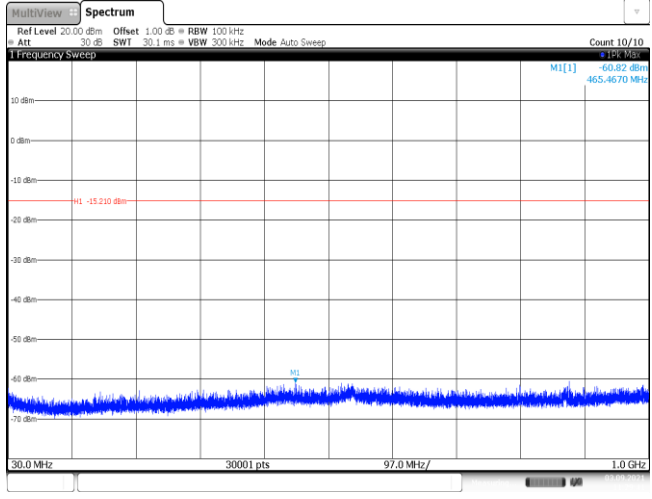
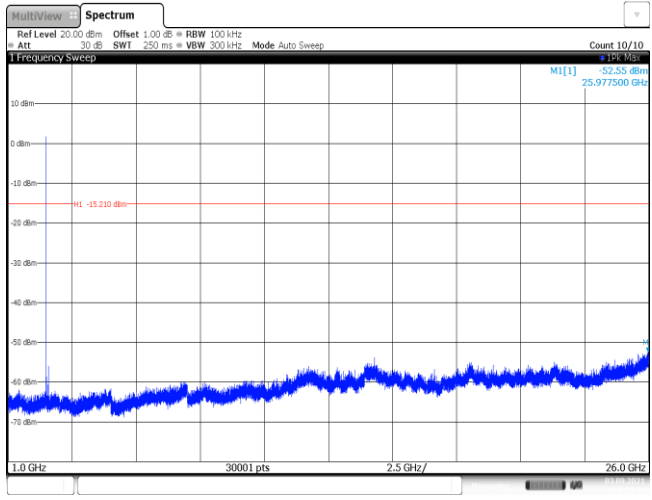
Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
<p>CH00 Reference level</p>	 <p>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SW1 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 MI[1] -4.38 dBm 2.4021800 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 3 SEP 2021 11:28:49</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] -61.04 dBm 994.5520 MHz MI -15.620 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 3 SEP 2021 11:29:06</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] -51.34 dBm 2.570833 GHz MI -15.620 dBm 1.0 GHz 30001 pts 25.0 GHz/ 26.0 GHz Date: 3 SEP 2021 11:29:22</p>		

<p>CH39 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 MI[1] 4.94 dBm 2.441500 GHz CF 2.441 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 3 SEP 2021 11:14:10</p>
<p>CH39 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 MI[1] -60.65 dBm 879.5140 MHz MI -15.000 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 3 SEP 2021 11:14:26</p>
<p>CH39 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 MI[1] -52.39 dBm 25.880000 GHz MI -15.000 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 3 SEP 2021 11:14:43</p>

<p>CH78 Reference level</p>	 <p>The spectrum plot shows a single prominent peak at 2.48 GHz. The y-axis represents power in dBm, ranging from -60 to 20. The x-axis represents frequency in MHz, with a span of 30.0 MHz. The peak is labeled with a magnitude of 4.79 dBm. The plot includes technical parameters: 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, and Date: 3 SEP 2021 15:40:23.</p>
<p>CH78 30MHz~1000MHz</p>	 <p>The spectrum plot shows a wideband noise floor across the 30 MHz to 1000 MHz range. The y-axis ranges from -70 to 10 dBm. The x-axis ranges from 30.0 MHz to 1.0 GHz. A red horizontal line indicates a noise floor level of -15.210 dBm. A small peak is visible at 889.5690 MHz with a magnitude of -57.26 dBm. The plot includes technical parameters: 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, and Date: 3 SEP 2021 15:40:49.</p>
<p>CH78 1GHz~26GHz</p>	 <p>The spectrum plot shows a wideband noise floor across the 1 GHz to 26 GHz range. The y-axis ranges from -70 to 10 dBm. The x-axis ranges from 1.0 GHz to 26.0 GHz. A red horizontal line indicates a noise floor level of -15.210 dBm. A small peak is visible at 25.980833 GHz with a magnitude of -50.97 dBm. The plot includes technical parameters: 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, and Date: 3 SEP 2021 15:41:05.</p>

Test Item:	Spurious Emission	Modulation type:	8DPSK
<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] -4.49 dBm 2.4018500 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 3 SEP 2021 11:23:31</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] -60.56 dBm 553.7990 MHz MI -15.510 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 3 SEP 2021 11:23:47</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] -52.01 dBm 25.987500 GHz MI -15.510 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 3 SEP 2021 11:24:04</p>		

<p>CH39 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 MI[1] 5.08 dBm 2.4411800 GHz CF 2.441 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 3 SEP 2021 11:26:04</p>
<p>CH39 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 MI[1] -60.42 dBm 873.8560 MHz H1 -14.920 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 3 SEP 2021 11:26:21</p>
<p>CH39 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 MI[1] -52.03 dBm 25.915833 GHz H1 -14.920 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 3 SEP 2021 11:26:27</p>

<p>CH78 Reference level</p>	 <p>MultiView Spectrum 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 MI[1] 4.79 dBm 2.4798500 GHz CF 2.48 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 3 SEP 2021 11:29:24</p>
<p>CH78 30MHz~1000MHz</p>	 <p>MultiView Spectrum 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 MI[1] -60.82 dBm 465.4670 MHz MI -15.210 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 3 SEP 2021 11:29:40</p>
<p>CH78 1GHz~26GHz</p>	 <p>MultiView Spectrum 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 MI[1] -52.53 dBm 25.977500 GHz MI -15.210 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 3 SEP 2021 11:29:57</p>

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