

# APPENDIX REPORT

Project No.	SHT2007069101EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT20070691001	Model No.	7WC1
Start test date	2020/8/5	Finish date	2020/8/5
Temperature	25°C	Humidity	50%
Test Engineer	Jiongsheng.Feng	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

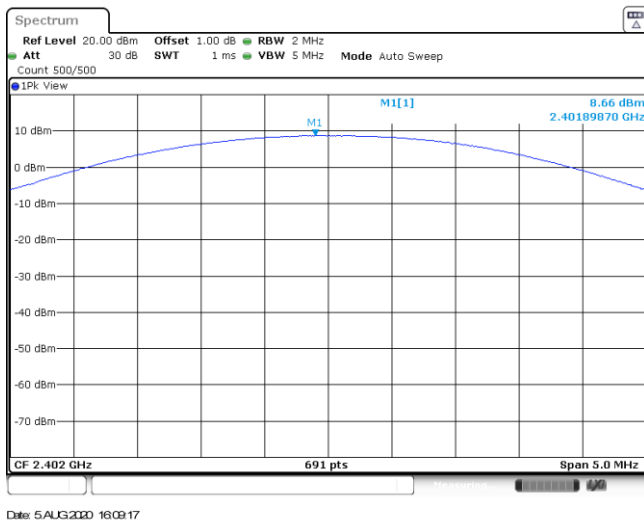
**Appendix A: Peak Output Power**

Modulation type	Channel	Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
GFSK	00	7.04	7.03	≤ 30.00	Pass
	39	6.95	6.92		
	78	6.62	6.60		
π/4DQPSK	00	8.66	7.42	≤ 21.00	Pass
	39	8.55	7.19		
	78	8.19	7.02		
8DPSK	00	8.84	7.57	≤ 21.00	Pass
	39	8.75	7.51		
	78	8.39	7.14		

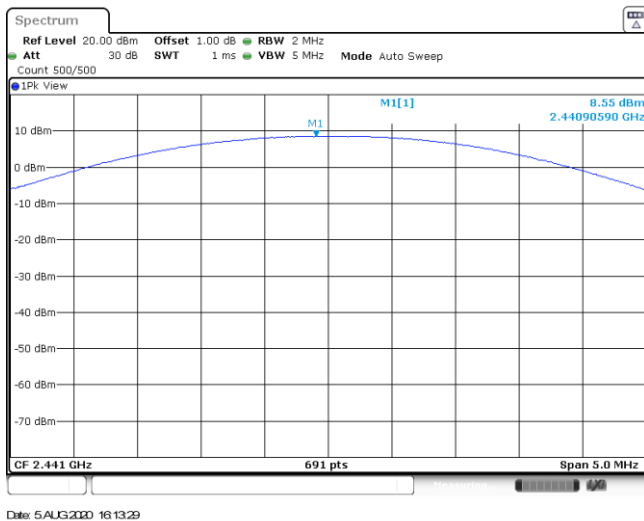
Modulation Type: GFSK	
CH00	<p>CF 2.402 GHz 691 pts Span 5.0 MHz</p> <p>Date: 5 AUG 2010 15:58:40</p>
CH39	<p>CF 2.441 GHz 691 pts Span 5.0 MHz</p> <p>Date: 5 AUG 2010 16:01:27</p>
CH78	<p>CF 2.48 GHz 691 pts Span 5.0 MHz</p> <p>Date: 5 AUG 2010 16:05:46</p>

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

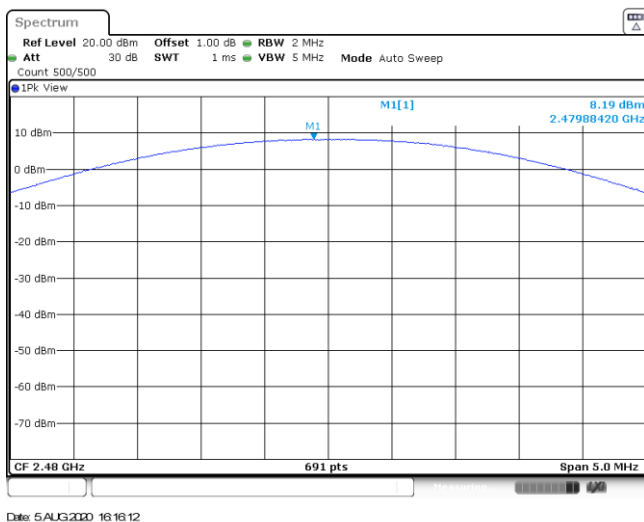
CH00



CH39



CH78



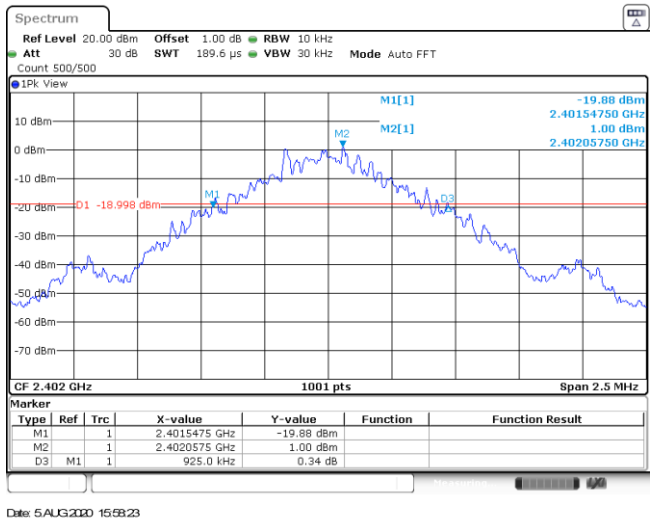
Modulation Type: 8DPSK	
CH00	<p>                     Spectrum                      Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz                      Att 30 dB SWT 1 ms VBW 5 MHz Mode Auto Sweep                      Count 500/500                      1Pk View                      8.84 dBm                      2.40200720 GHz                      CF 2.402 GHz 691 pts Span 5.0 MHz                      Date: 5.AUG.200 16:18:20                 </p>
CH39	<p>                     Spectrum                      Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz                      Att 30 dB SWT 1 ms VBW 5 MHz Mode Auto Sweep                      Count 500/500                      1Pk View                      8.75 dBm                      2.44102890 GHz                      CF 2.441 GHz 691 pts Span 5.0 MHz                      Date: 5.AUG.200 16:25:17                 </p>
CH78	<p>                     Spectrum                      Ref Level 20.00 dBm Offset 1.00 dB RBW 2 MHz                      Att 30 dB SWT 1 ms VBW 5 MHz Mode Auto Sweep                      Count 500/500                      1Pk View                      8.39 dBm                      2.48002170 GHz                      CF 2.48 GHz 691 pts Span 5.0 MHz                      Date: 5.AUG.200 16:27:41                 </p>

**Appendix B : 20 dB Bandwidth**

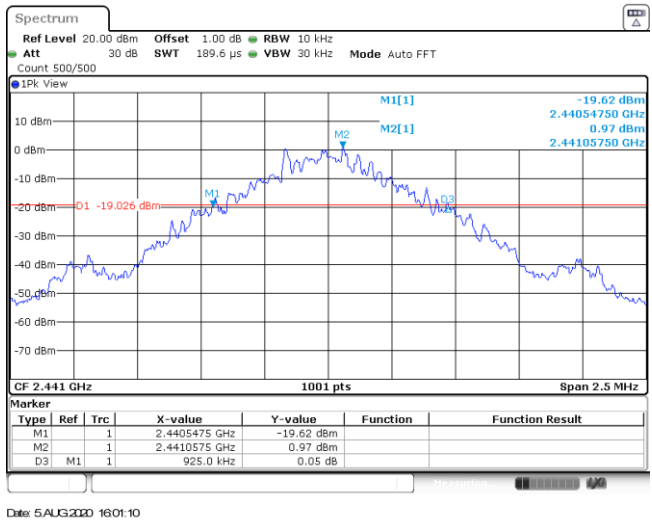
Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	925.00	-	Pass
	39	925.00		
	78	925.00		
$\pi/4$ DQPSK	00	1322.50	-	Pass
	39	1325.00		
	78	1325.00		
8DPSK	00	1297.50	-	Pass
	39	1300.00		
	78	1300.00		

**Modulation Type: GFSK**

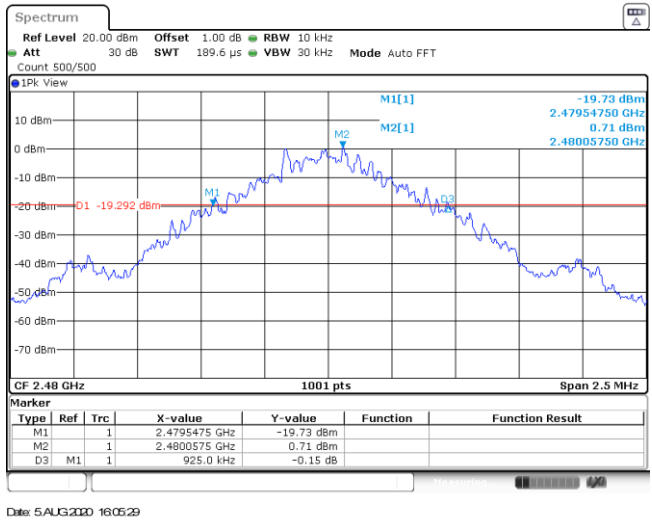
CH00



CH39

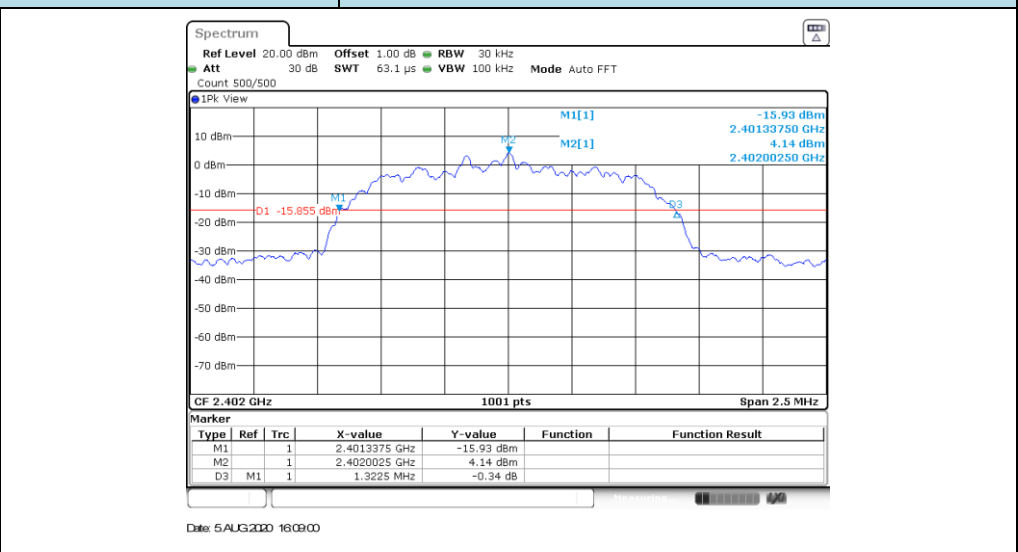


CH78

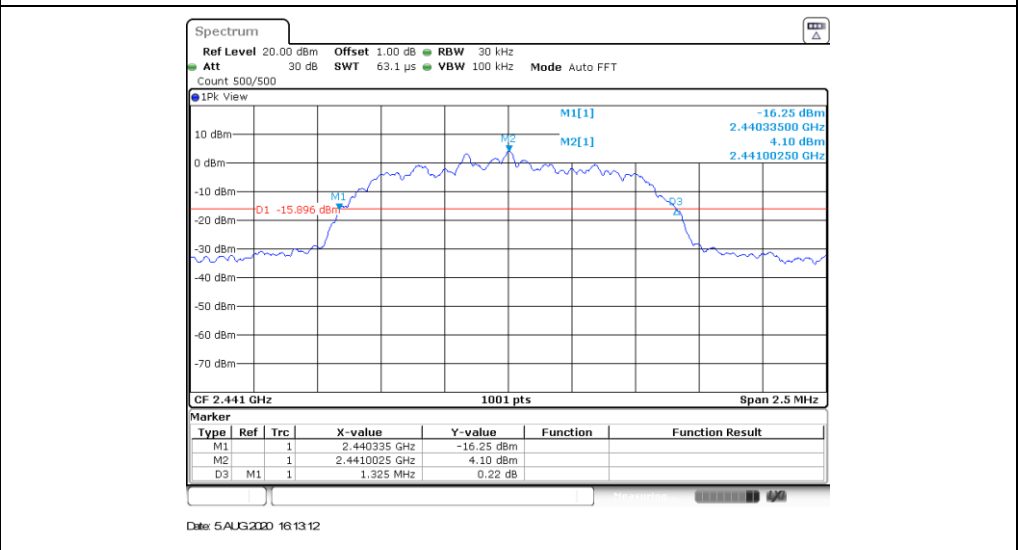


**Modulation Type:**  $\pi/4$ DQPSK

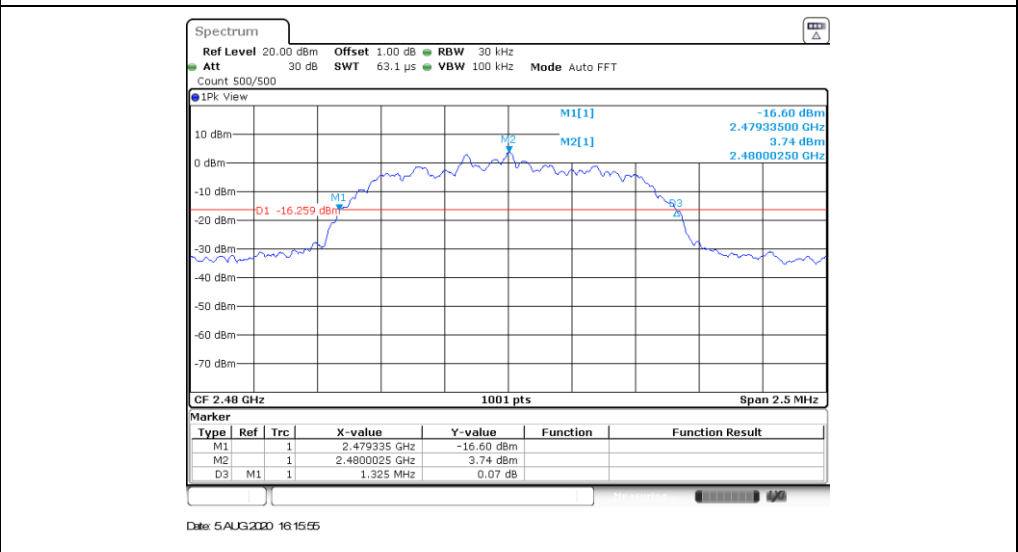
CH00



CH39



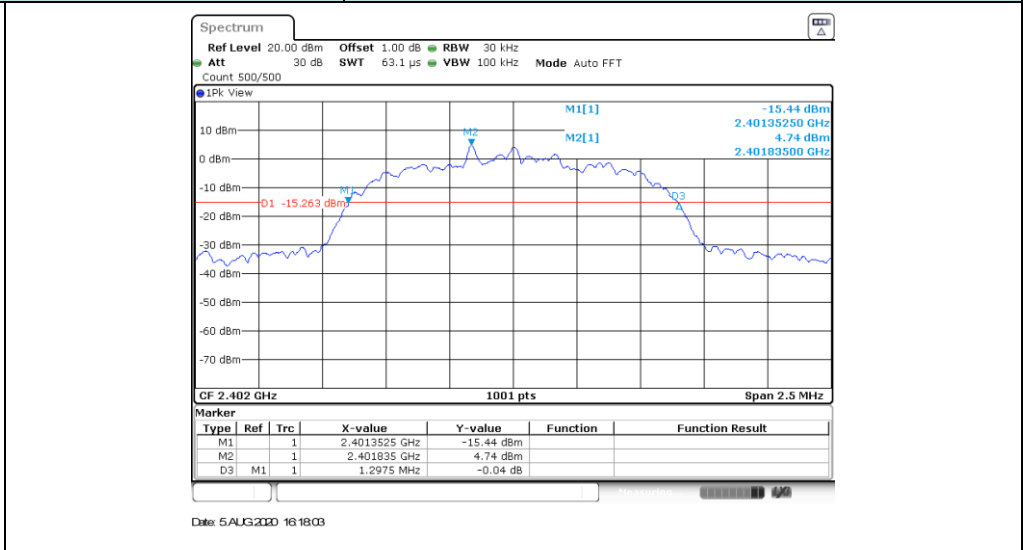
CH78



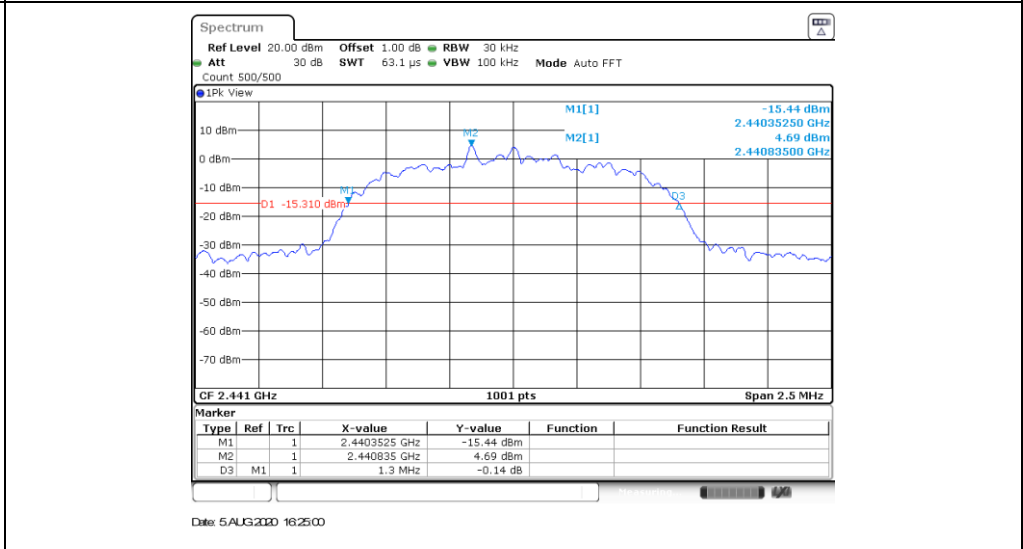


**Modulation Type: 8DPSK**

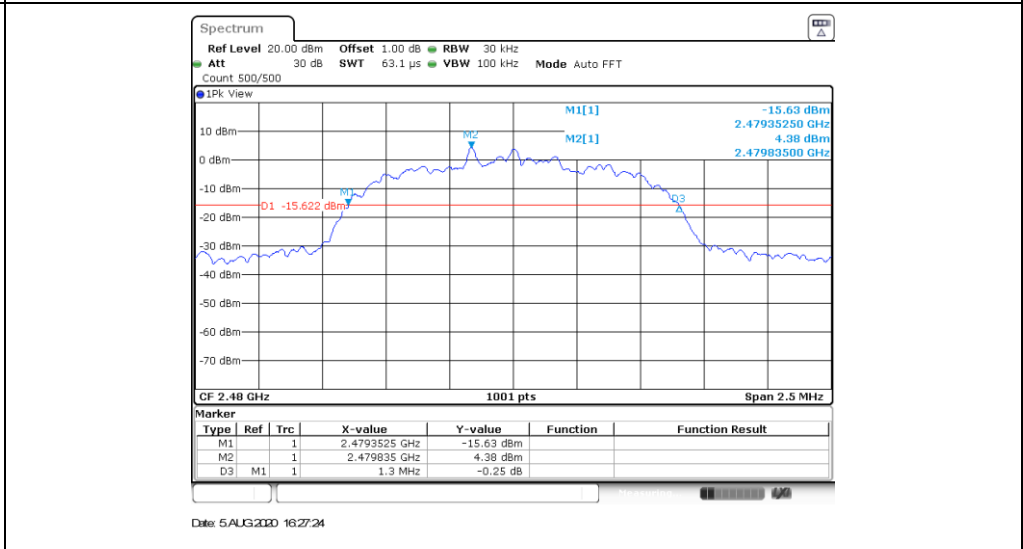
CH00



CH39



CH78



**Appendix C: 99% Occupied Bandwidth**

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.89	-	Pass
	39	0.90		
	78	0.90		
$\pi/4$ DQPSK	00	1.19	-	Pass
	39	1.19		
	78	1.20		
8DPSK	00	1.19	-	Pass
	39	1.19		
	78	1.19		

Modulation Type: GFSK	
CH00	<p>Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 63.1 μs VBW 100 kHz Mode Auto FFT Count 500/500 1Pk View M1[1] 4.98 dBm 2.40183520 GHz Occ Bw 891.608391609 kHz CF 2.402 GHz 1001 pts Span 2.5 MHz Date: 5 AUG 2010 15:58:31</p>
CH39	<p>Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 63.1 μs VBW 100 kHz Mode Auto FFT Count 500/500 1Pk View M1[1] 4.93 dBm 2.44083520 GHz Occ Bw 896.603396603 kHz CF 2.441 GHz 1001 pts Span 2.5 MHz Date: 5 AUG 2010 16:01:18</p>
CH78	<p>Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 63.1 μs VBW 100 kHz Mode Auto FFT Count 500/500 1Pk View M1[1] 4.61 dBm 2.47983520 GHz Occ Bw 896.603396603 kHz CF 2.48 GHz 1001 pts Span 2.5 MHz Date: 5 AUG 2010 16:05:37</p>

Modulation Type: $\pi/4$ DQPSK	
CH00	<p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 63.1 <math>\mu</math>s VBW 100 kHz Mode Auto FFT Count 500/500</p> <p>1Pk View</p> <p>4.13 dBm 2.40200250 GHz 1.191308691 MHz</p> <p>M1[1] Occ Bw</p> <p>T1 T2</p> <p>CF 2.402 GHz 1001 pts Span 2.5 MHz</p> <p>Date: 5 AUG 2010 16:09:08</p>
CH39	<p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 63.1 <math>\mu</math>s VBW 100 kHz Mode Auto FFT Count 500/500</p> <p>1Pk View</p> <p>4.03 dBm 2.44100250 GHz 1.193806194 MHz</p> <p>M1[1] Occ Bw</p> <p>T1 T2</p> <p>CF 2.441 GHz 1001 pts Span 2.5 MHz</p> <p>Date: 5 AUG 2010 16:13:20</p>
CH78	<p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 63.1 <math>\mu</math>s VBW 100 kHz Mode Auto FFT Count 500/500</p> <p>1Pk View</p> <p>3.74 dBm 2.48000250 GHz 1.196303696 MHz</p> <p>M1[1] Occ Bw</p> <p>T1 T2</p> <p>CF 2.48 GHz 1001 pts Span 2.5 MHz</p> <p>Date: 5 AUG 2010 16:16:03</p>

Modulation Type:		8DPSK
CH00	<p>CF 2.402 GHz 1001 pts Span 2.5 MHz</p> <p>Date: 5 AUG 2010 16:18:11</p>	
CH39	<p>CF 2.441 GHz 1001 pts Span 2.5 MHz</p> <p>Date: 5 AUG 2010 16:25:08</p>	
CH78	<p>CF 2.48 GHz 1001 pts Span 2.5 MHz</p> <p>Date: 5 AUG 2010 16:27:32</p>	

**Appendix D: Carrier Frequencies Separation**

Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥925	Pass
$\pi/4$ DQPSK	39	1.00	≥883.33	Pass
8DPSK	39	1.00	≥866.67	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.

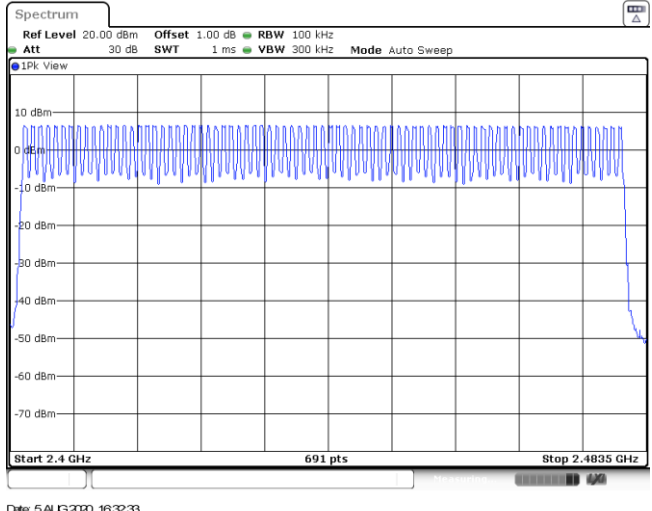
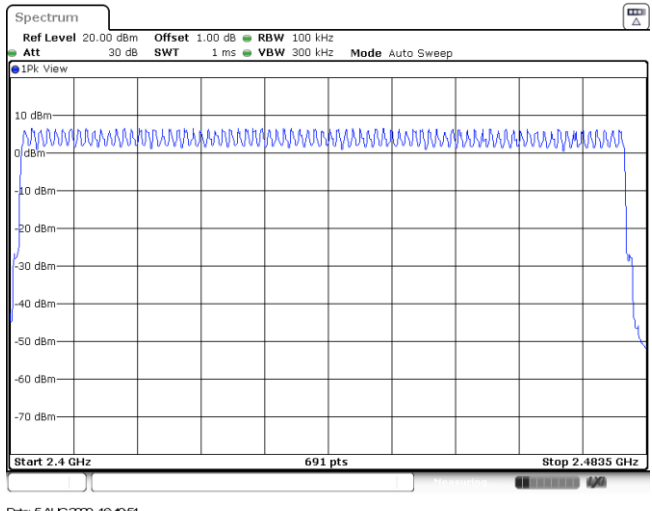
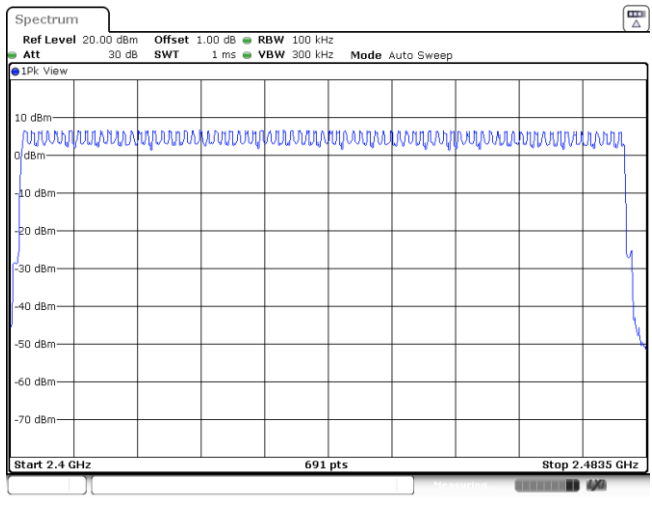
8DPSK limit =  $2/3$  \* The maximum 20 dB Bandwidth for 8DPSK modulation on the appendix B

<p style="text-align: center;">GFSK</p>	
<p style="text-align: center;"><math>\pi/4</math>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		



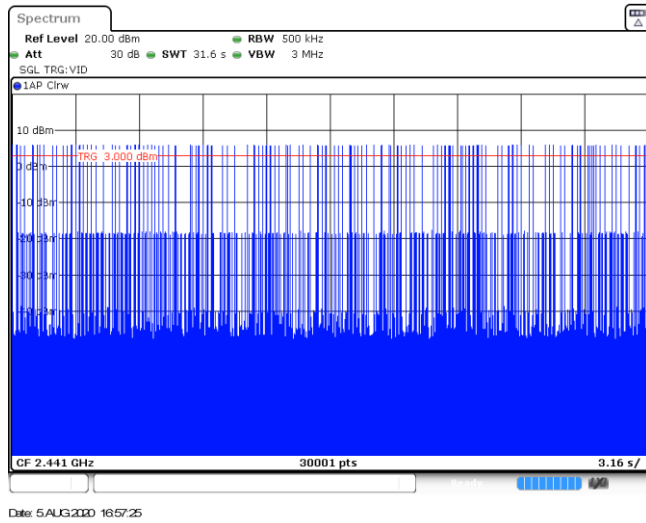
<p>GFSK</p>	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1 ms VBW 300 kHz Mode Auto Sweep</p> <p>1Pk View</p> <p>10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>Start 2.4 GHz 691 pts Stop 2.4835 GHz</p> <p>Date: 5 AUG 2020 16:32:33</p>
<p><math>\pi/4</math>DQPSK</p>	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1 ms VBW 300 kHz Mode Auto Sweep</p> <p>1Pk View</p> <p>10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>Start 2.4 GHz 691 pts Stop 2.4835 GHz</p> <p>Date: 5 AUG 2020 16:40:51</p>
<p>8DPSK</p>	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1 ms VBW 300 kHz Mode Auto Sweep</p> <p>1Pk View</p> <p>10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>Start 2.4 GHz 691 pts Stop 2.4835 GHz</p> <p>Date: 5 AUG 2020 16:42:18</p>

**Appendix F: Dwell Time**

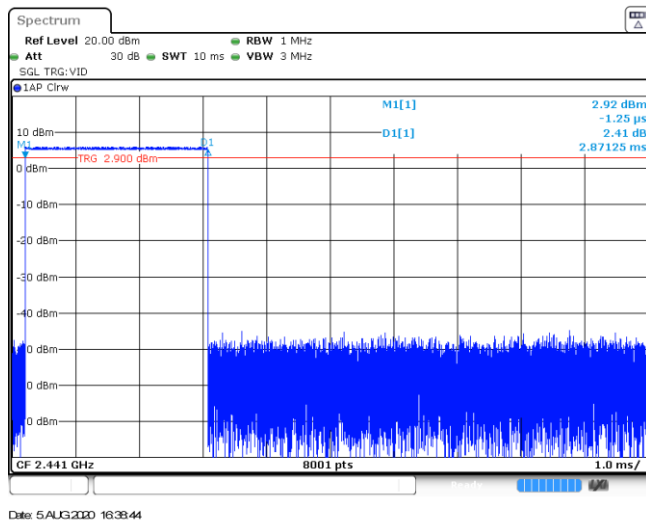
Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.37	320	0.12	≤ 0.40	Pass
	DH3	1.62	160	0.26		
	DH5	2.87	110	0.32		
π/4DQPSK	2DH1	0.38	319	0.12	≤ 0.40	Pass
	2DH3	1.63	155	0.25		
	2DH5	2.88	95	0.27		
8DPSK	3DH1	0.38	320	0.12	≤ 0.40	Pass
	3DH3	1.63	161	0.26		
	3DH5	2.88	99	0.28		

Modulation Type: GFSK	
DH1 Burst width	<p>                     Spectrum                      Ref Level 20.00 dBm RBW 1 MHz                      Att 30 dB SWT 10 ms VBW 3 MHz                      SGL TRG:VID                      1AP Cirw                      M1[1] -2.20 dBm                      D1[1] -1.25 μs                      TRG 3.000 dBm 7.96 dB                      367.50 μs                      CF 2.441 GHz 8001 pts 1.0 ms/                      Date: 5AUG200 16:55:05                 </p>
DH1 Burst number	<p>                     Spectrum                      Ref Level 20.00 dBm RBW 500 kHz                      Att 30 dB SWT 31.6 s VBW 3 MHz                      SGL TRG:VID                      1AP Cirw                      TRG 3.000 dBm                      CF 2.441 GHz 30001 pts 3.16 s/                      Date: 5AUG200 16:55:38                 </p>
DH3 Burst width	<p>                     Spectrum                      Ref Level 20.00 dBm RBW 1 MHz                      Att 30 dB SWT 10 ms VBW 3 MHz                      SGL TRG:VID                      1AP Cirw                      M1[1] -4.11 dBm                      D1[1] -1.25 μs                      TRG 3.000 dBm 9.70 dB                      1.62375 ms                      CF 2.441 GHz 8001 pts 1.0 ms/                      Date: 5AUG200 16:55:51                 </p>

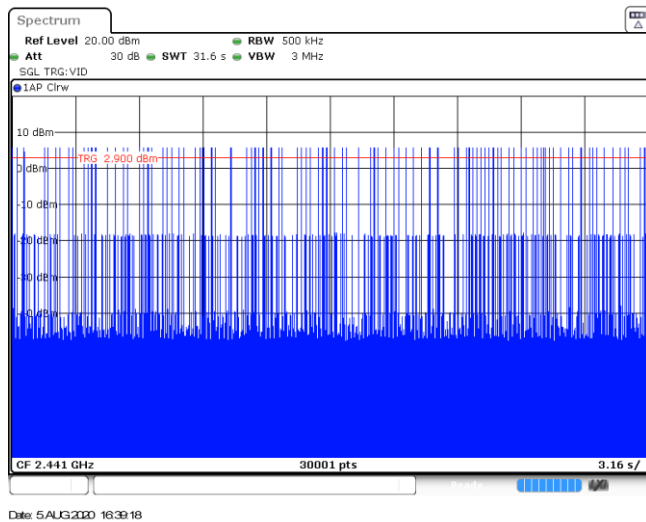
DH3  
Burst number



DH5  
Burst width

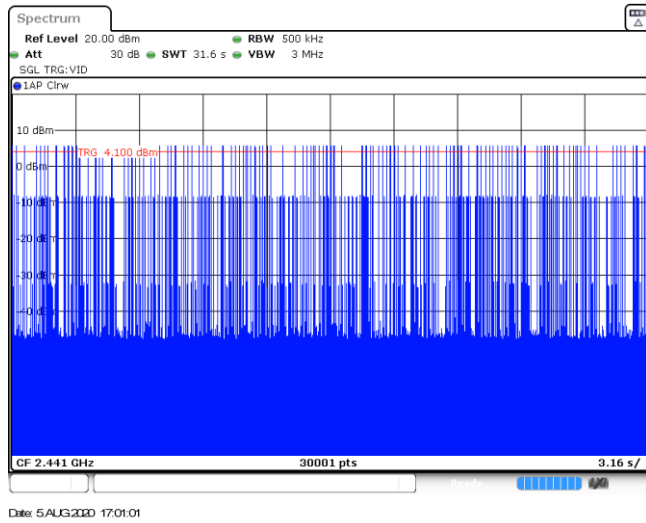


DH5  
Burst number

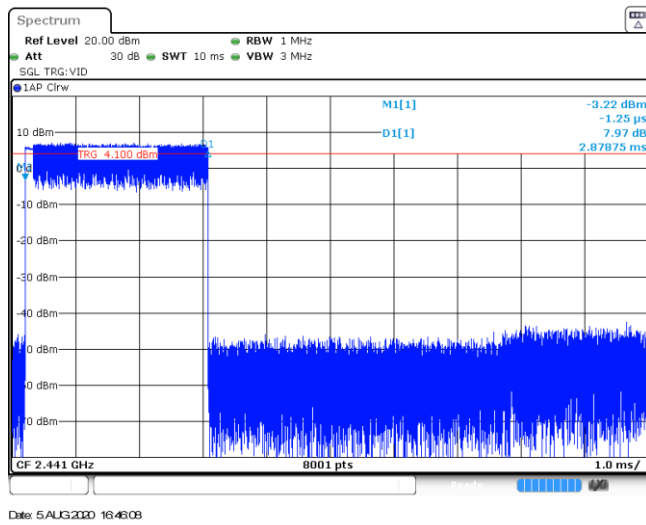


Modulation Type: $\pi/4$ DQPSK	
2DH1 Burst width	
2DH1 Burst number	
2DH3 Burst width	

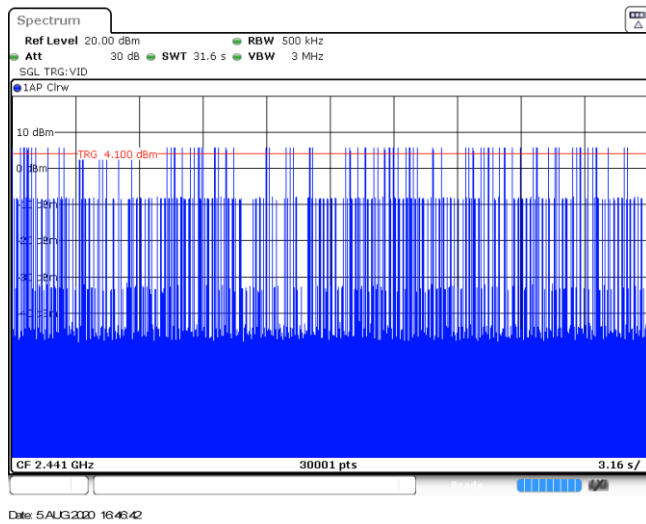
2DH3  
Burst number



2DH5  
Burst width

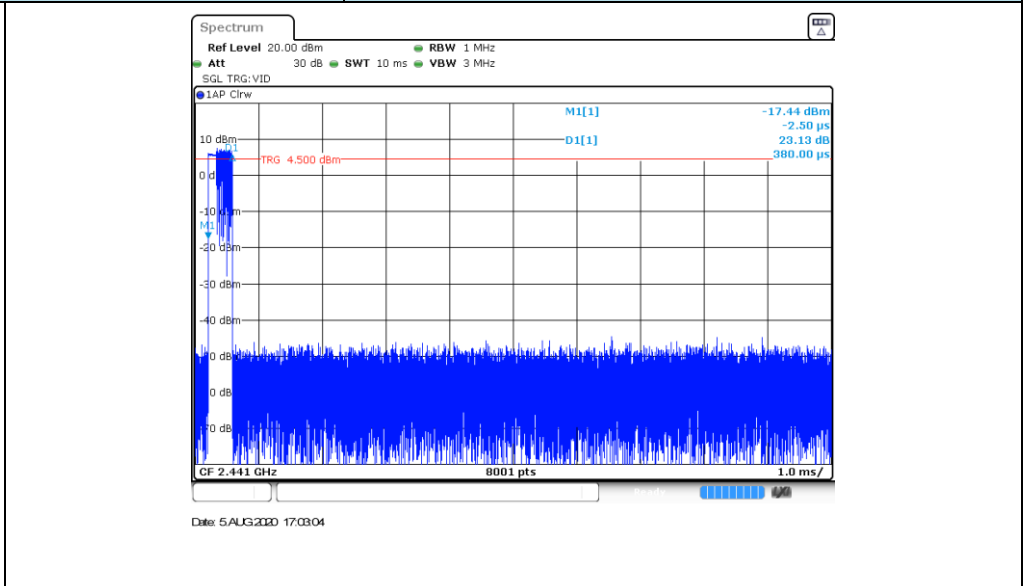


2DH5  
Burst number

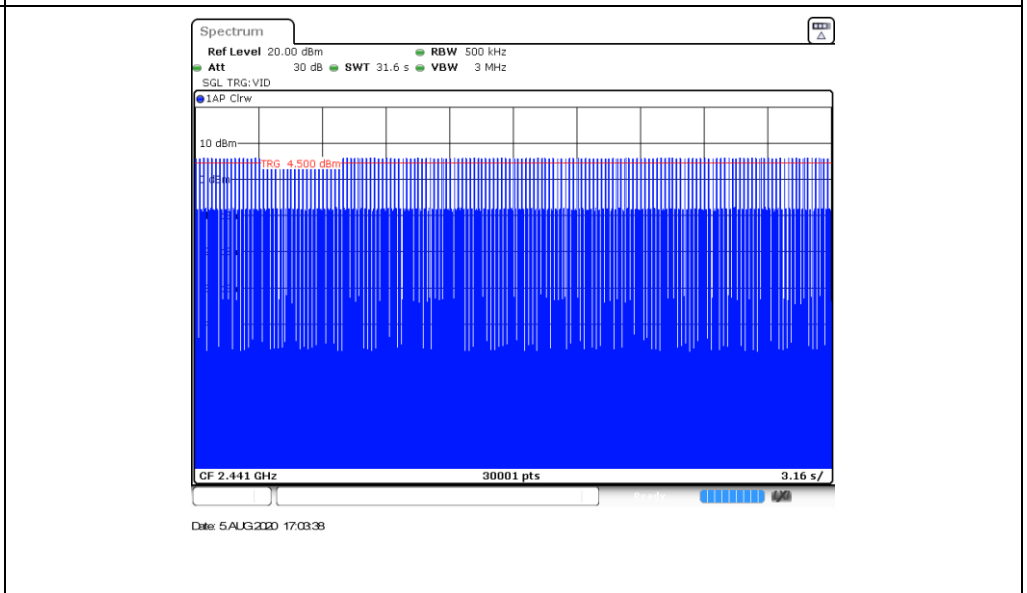


**Modulation Type: 8DPSK**

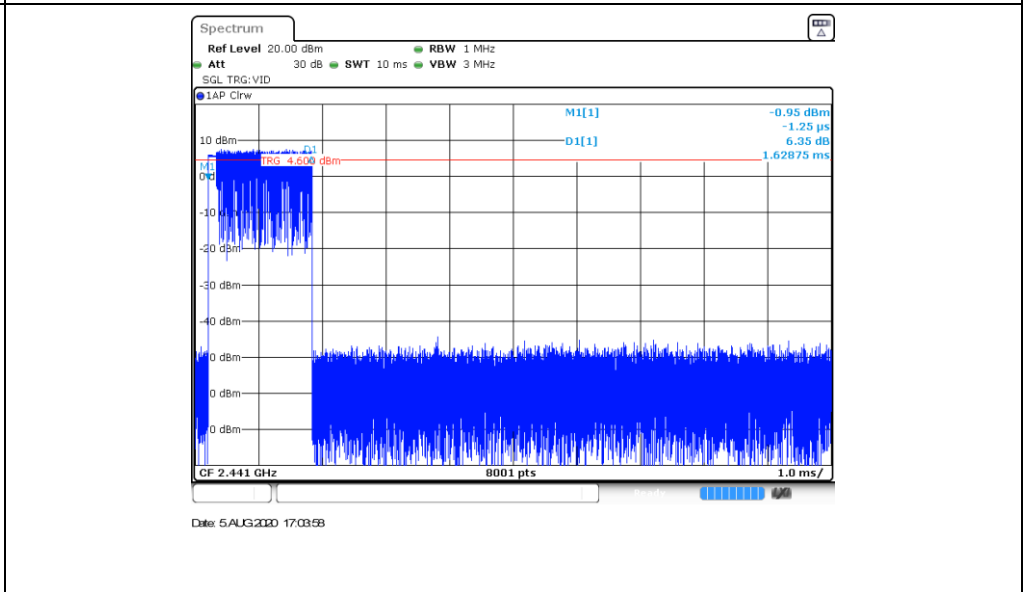
3DH1  
Burst width



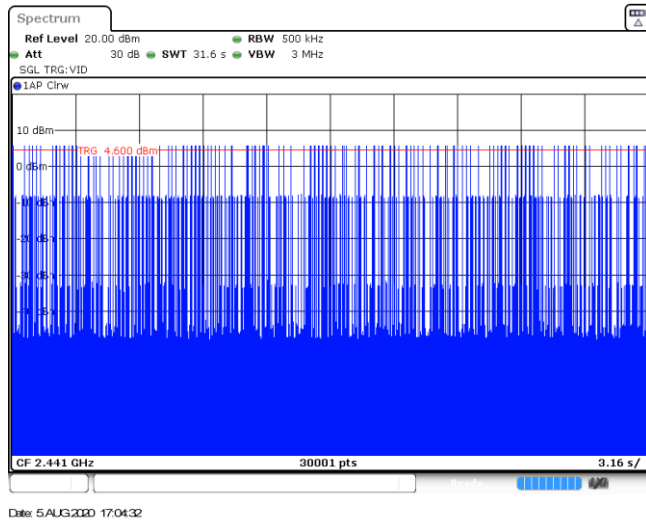
3DH1  
Burst number



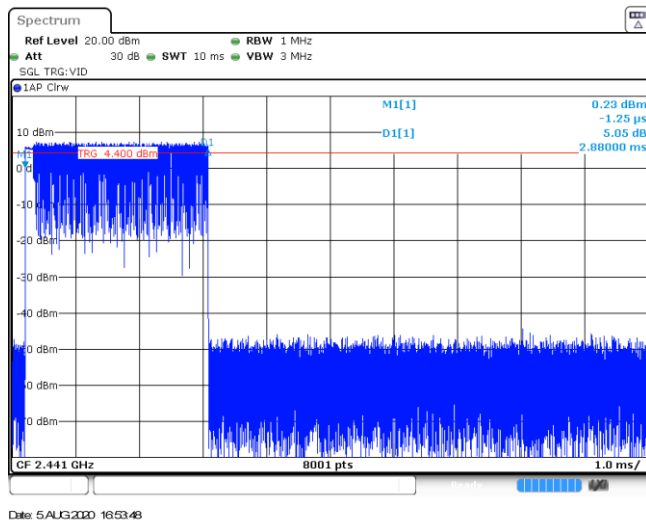
3DH3  
Burst width



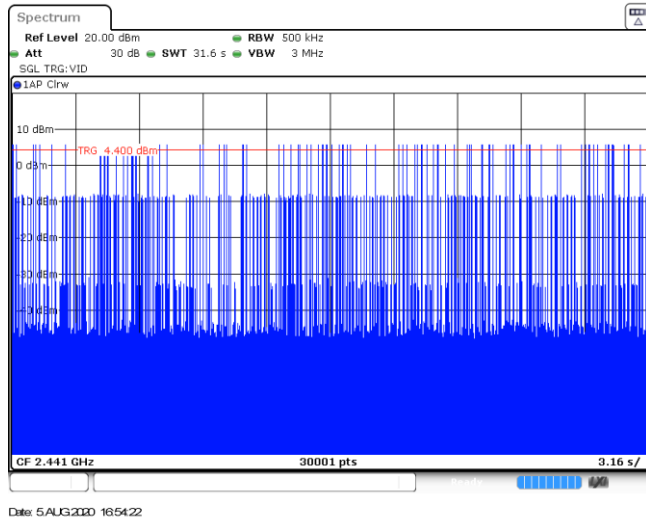
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Burst number



3DH5  
Burst width



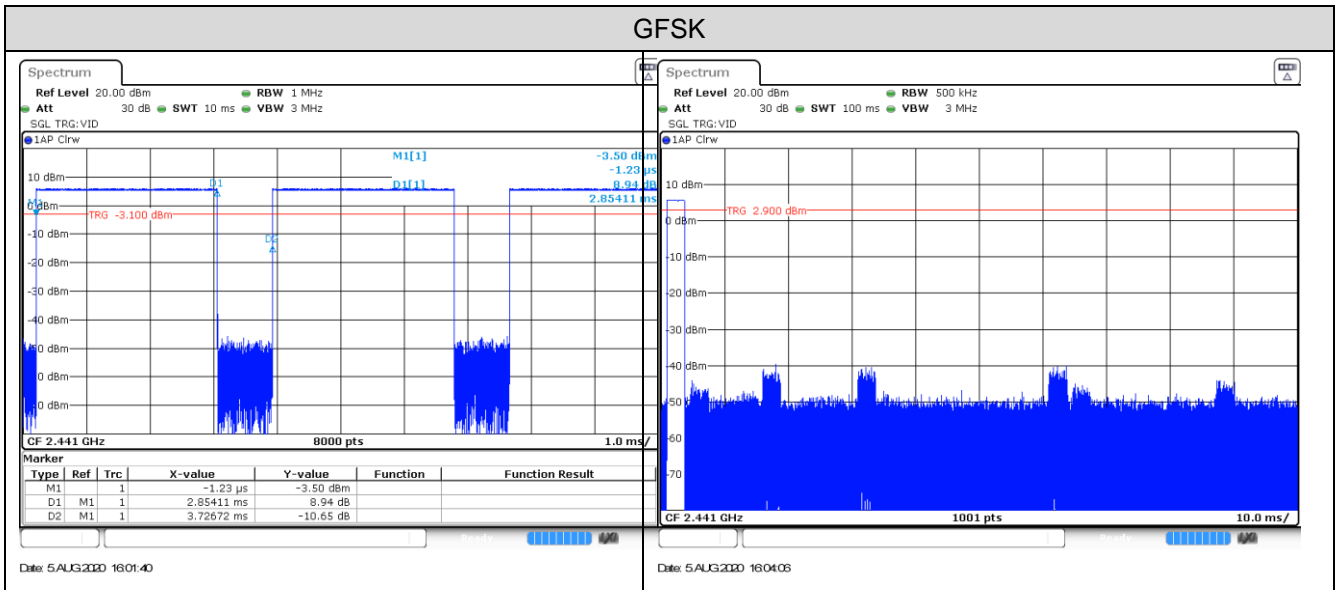
3DH5  
Burst number





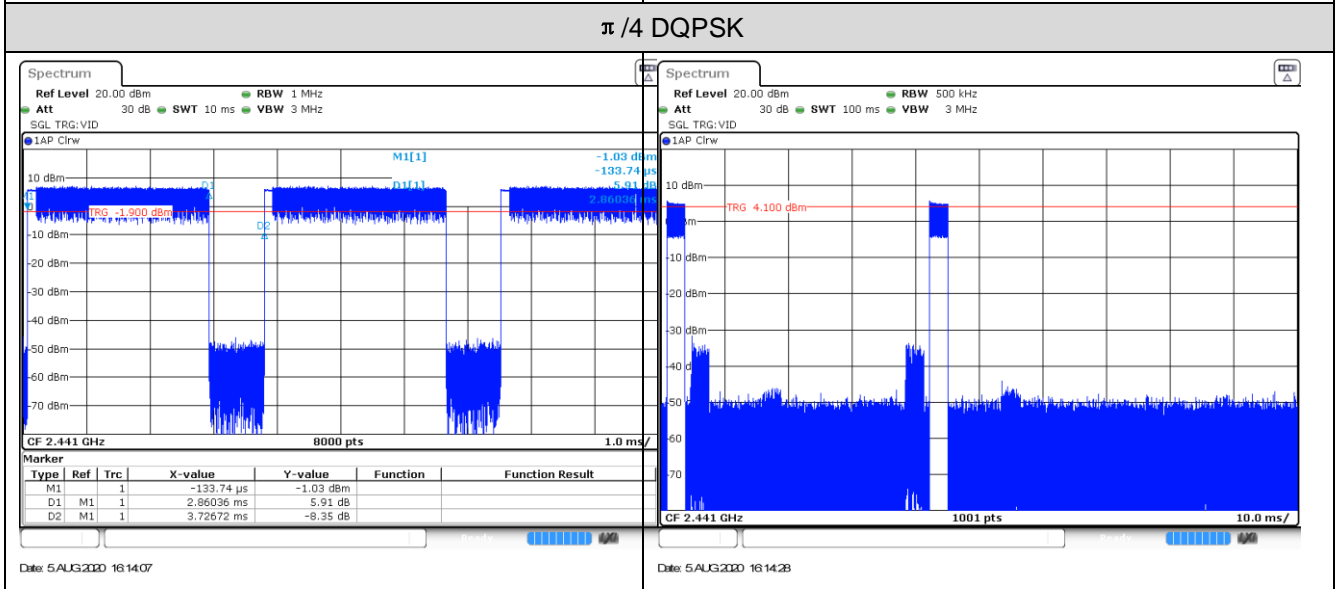
**Appendix G: Duty Cycle Correction Factor (DCCF)**

DCCF Calculate Formula					
DCCF=20 * Log(duty cycle) = 20 * Log( $T_{on\ time} / T_{period}$ )					
Modulation type	Test Frequency (MHz)	$T_{on\ time}$ for single burst [ms]	$T_{period}$ [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.85	100	1.00	-30.90
$\pi/4$ DQPSK	2441	2.86	100	2.00	-24.85
8DPSK	2441	2.86	100	1.00	-30.87



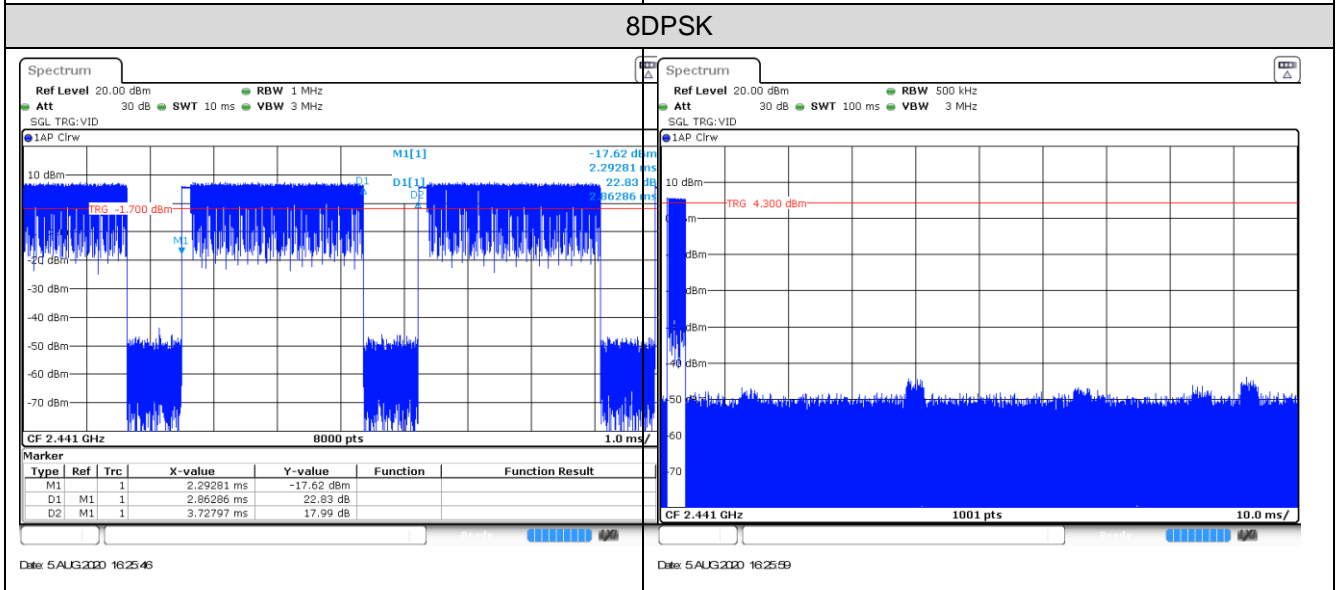
T<sub>on</sub> time for single burst

Burst Quantity



T<sub>on</sub> time for single burst

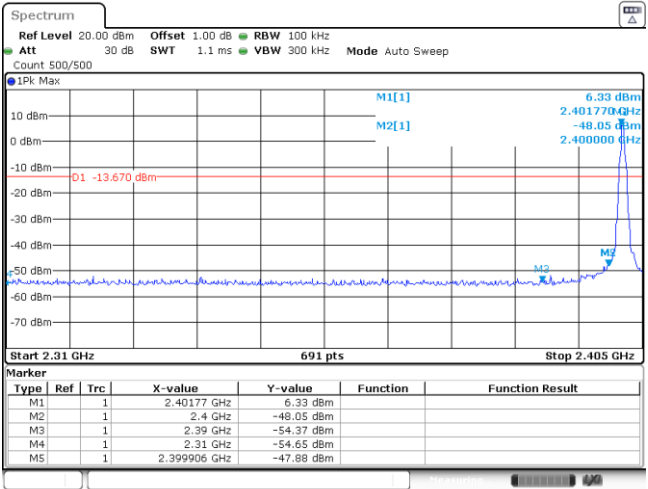
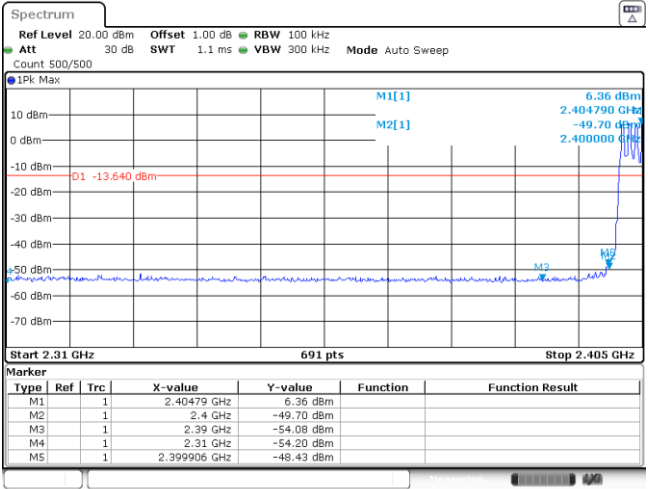

Burst Quantity



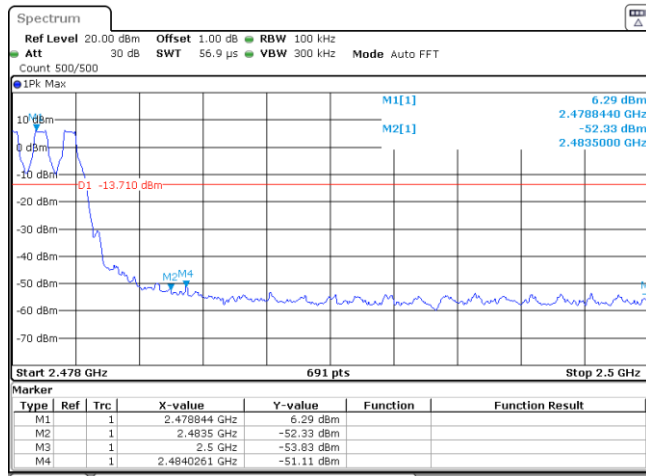
T<sub>on</sub> time for single burst

Burst Quantity

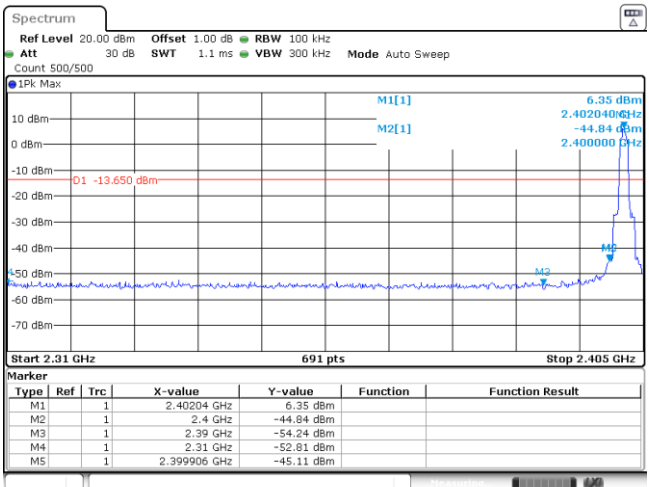
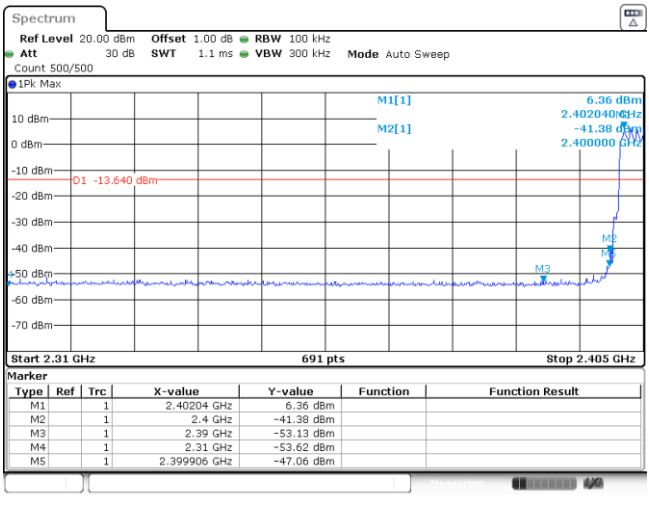
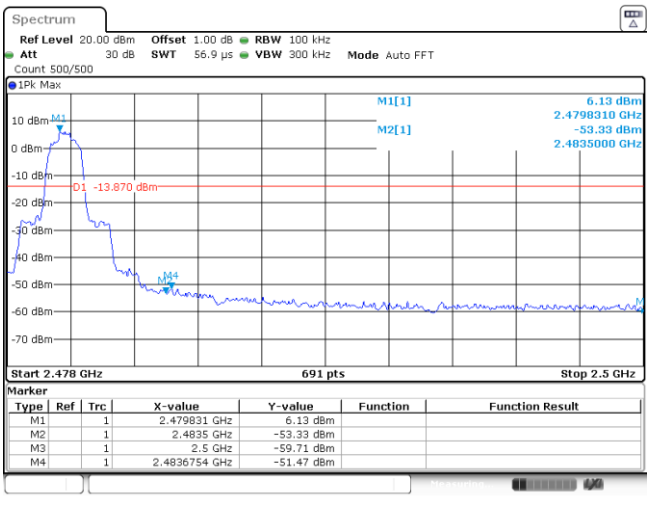
Appendix H: Band edge and Spurious Emissions (conducted)

Test Item:	Band edge	Modulation type:	GFSK																																										
<p>CH00 No hopping mode</p>	 <table border="1" data-bbox="687 728 1337 840"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td></td> <td>1</td> <td>2.40177 GHz</td> <td>6.33 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.4 GHz</td> <td>-48.05 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td></td> <td>1</td> <td>2.39 GHz</td> <td>-54.37 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td></td> <td>1</td> <td>2.31 GHz</td> <td>-54.65 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td></td> <td>1</td> <td>2.399906 GHz</td> <td>-47.88 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 5 AUG 2020 16:07:30</p>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.40177 GHz	6.33 dBm			M2		1	2.4 GHz	-48.05 dBm			M3		1	2.39 GHz	-54.37 dBm			M4		1	2.31 GHz	-54.65 dBm			M5		1	2.399906 GHz	-47.88 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1		1	2.40177 GHz	6.33 dBm																																									
M2		1	2.4 GHz	-48.05 dBm																																									
M3		1	2.39 GHz	-54.37 dBm																																									
M4		1	2.31 GHz	-54.65 dBm																																									
M5		1	2.399906 GHz	-47.88 dBm																																									
<p>CH00 Hopping mode</p>	 <table border="1" data-bbox="687 1265 1337 1388"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td></td> <td>1</td> <td>2.40479 GHz</td> <td>6.36 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.4 GHz</td> <td>-49.70 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td></td> <td>1</td> <td>2.39 GHz</td> <td>-54.08 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td></td> <td>1</td> <td>2.31 GHz</td> <td>-54.20 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td></td> <td>1</td> <td>2.399906 GHz</td> <td>-48.43 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 5 AUG 2020 16:34:10</p>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.40479 GHz	6.36 dBm			M2		1	2.4 GHz	-49.70 dBm			M3		1	2.39 GHz	-54.08 dBm			M4		1	2.31 GHz	-54.20 dBm			M5		1	2.399906 GHz	-48.43 dBm		
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<p>CH78 No hopping mode</p>	 <table border="1" data-bbox="687 1825 1337 1937"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td></td> <td>1</td> <td>2.479831 GHz</td> <td>6.23 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.4835 GHz</td> <td>-49.96 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td></td> <td>1</td> <td>2.5 GHz</td> <td>-58.89 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td></td> <td>1</td> <td>2.4836435 GHz</td> <td>-49.98 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 5 AUG 2020 16:08:00</p>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.479831 GHz	6.23 dBm			M2		1	2.4835 GHz	-49.96 dBm			M3		1	2.5 GHz	-58.89 dBm			M4		1	2.4836435 GHz	-49.98 dBm									
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M2		1	2.4835 GHz	-49.96 dBm																																									
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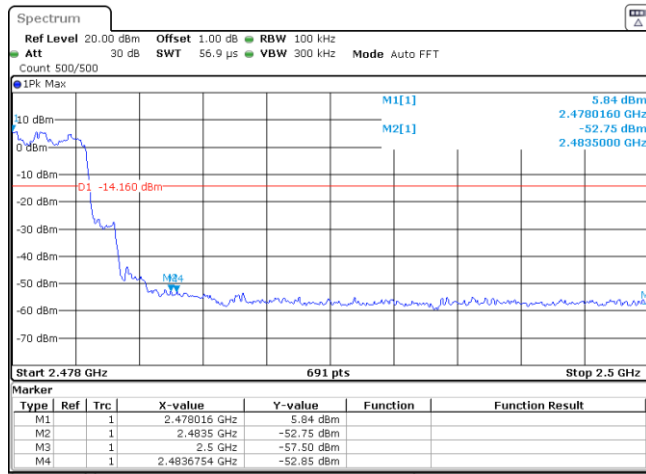
CH78  
Hopping mode



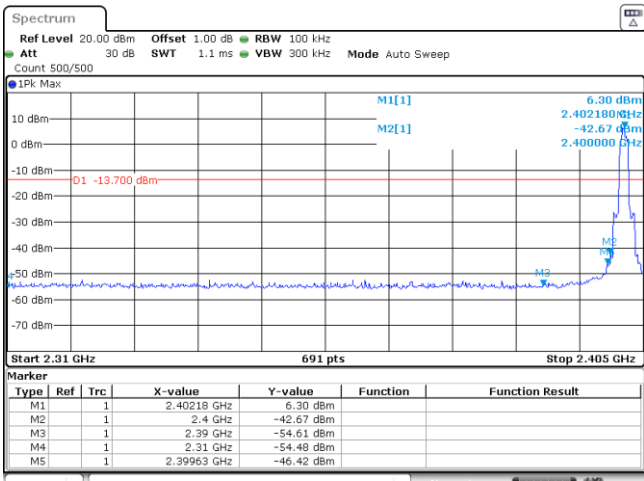
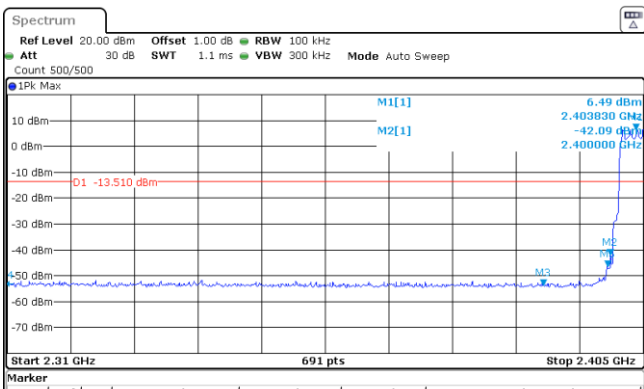
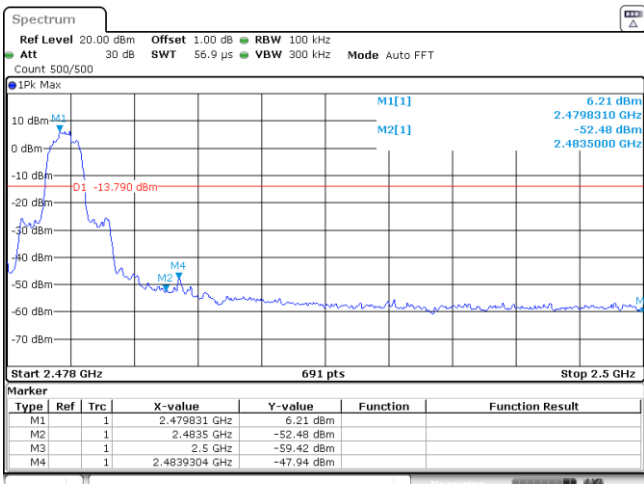
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Test Item:	Band edge	Modulation type:	π/4DQPSK																																										
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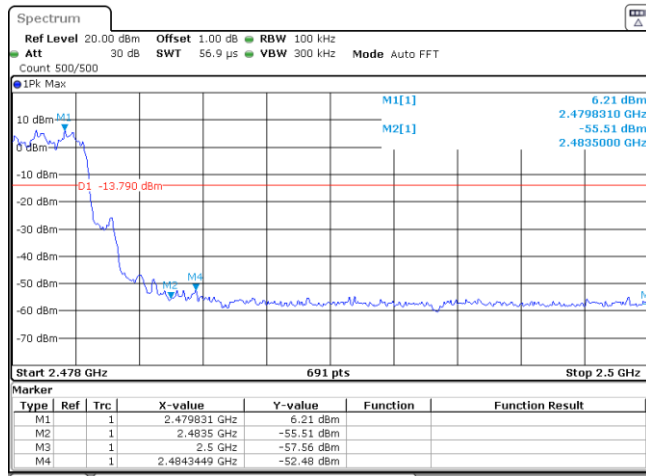
CH78  
Hopping mode



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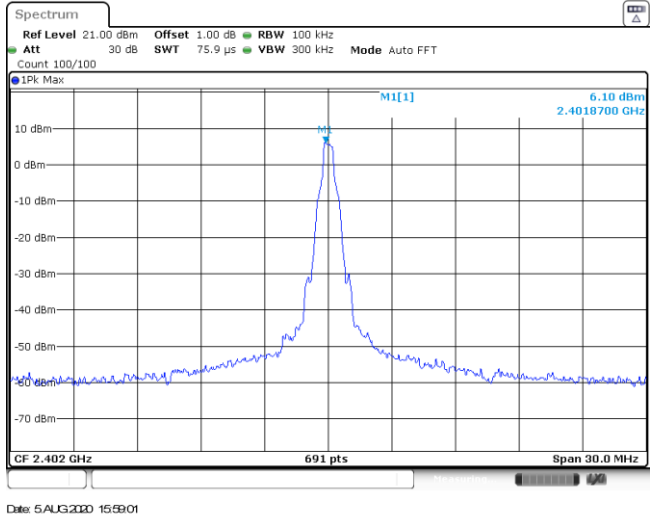
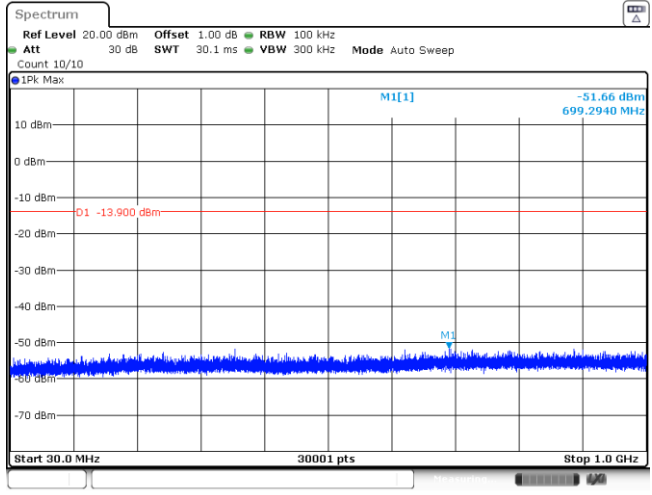
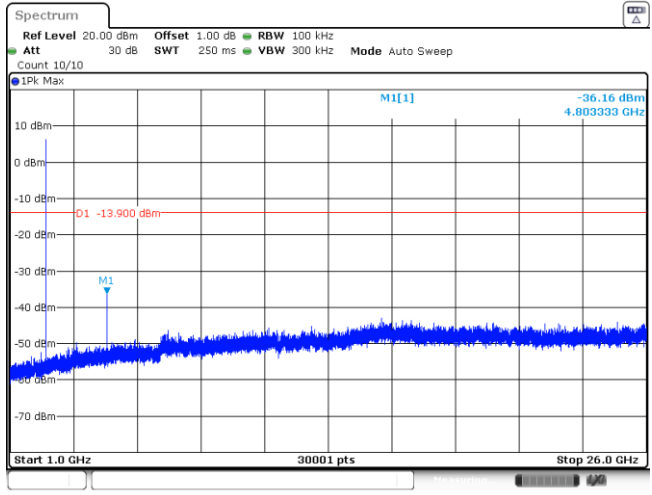
Test Item:	Band edge	Modulation type:	8DPSK																																										
<p>CH00 No hopping mode</p>	 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1Pk Max</p> <p>10 dBm M1[1] 6.30 dBm 2.402180 GHz 0 dBm M2[1] -42.67 dBm 2.400000 GHz</p> <p>-10 dBm D1 -13.700 dBm</p> <p>-20 dBm</p> <p>-30 dBm</p> <p>-40 dBm M3</p> <p>-50 dBm M4</p> <p>-60 dBm</p> <p>-70 dBm</p> <p>Start 2.31 GHz 691 pts Stop 2.405 GHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td>1</td> <td>2.40218 GHz</td> <td>6.30 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td>1</td> <td>2.4 GHz</td> <td>-42.67 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td>1</td> <td>2.39 GHz</td> <td>-54.61 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td>1</td> <td>2.31 GHz</td> <td>-54.48 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td>1</td> <td>2.39963 GHz</td> <td>-46.42 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 5 AUG 2010 16:18:48</p>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1	1	2.40218 GHz	6.30 dBm			M2	1	1	2.4 GHz	-42.67 dBm			M3	1	1	2.39 GHz	-54.61 dBm			M4	1	1	2.31 GHz	-54.48 dBm			M5	1	1	2.39963 GHz	-46.42 dBm		
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<p>CH78 No hopping mode</p>	 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 56.9 μs VBW 300 kHz Mode Auto FFT Count 500/500</p> <p>1Pk Max</p> <p>10 dBm M1[1] 6.21 dBm 2.4798310 GHz 0 dBm M2[1] -52.48 dBm 2.4835000 GHz</p> <p>-10 dBm D1 -13.790 dBm</p> <p>-20 dBm</p> <p>-30 dBm</p> <p>-40 dBm M4</p> <p>-50 dBm M3</p> <p>-60 dBm</p> <p>-70 dBm</p> <p>Start 2.478 GHz 691 pts Stop 2.5 GHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td>1</td> <td>2.479831 GHz</td> <td>6.21 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td>1</td> <td>2.4835 GHz</td> <td>-52.48 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td>1</td> <td>2.5 GHz</td> <td>-59.42 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td>1</td> <td>2.4839304 GHz</td> <td>-47.94 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 5 AUG 2010 16:28:11</p>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1	1	2.479831 GHz	6.21 dBm			M2	1	1	2.4835 GHz	-52.48 dBm			M3	1	1	2.5 GHz	-59.42 dBm			M4	1	1	2.4839304 GHz	-47.94 dBm									
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CH78  
Hoppig mode

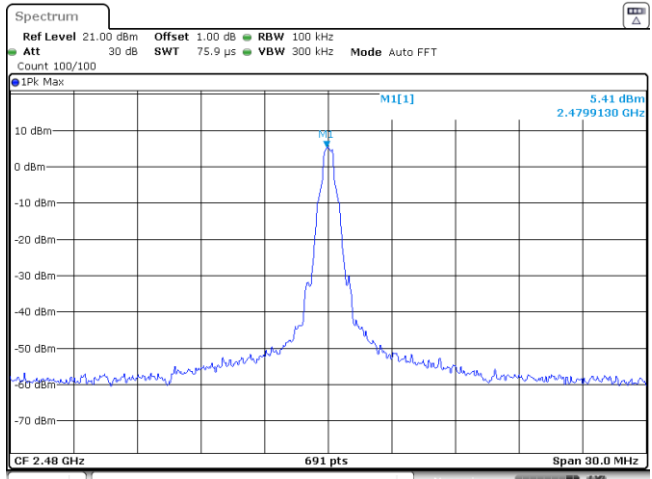
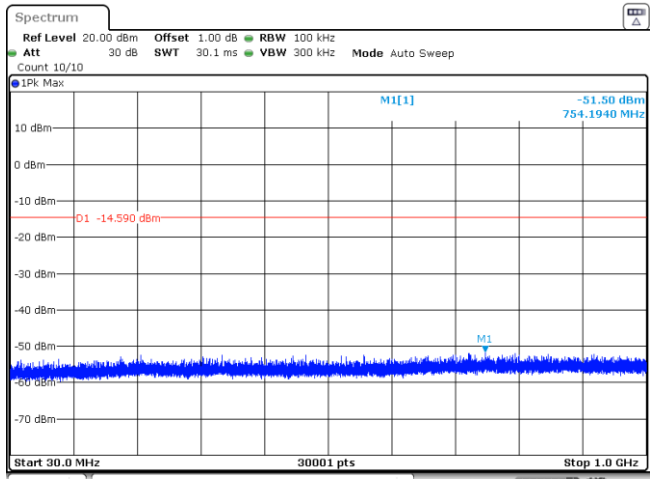
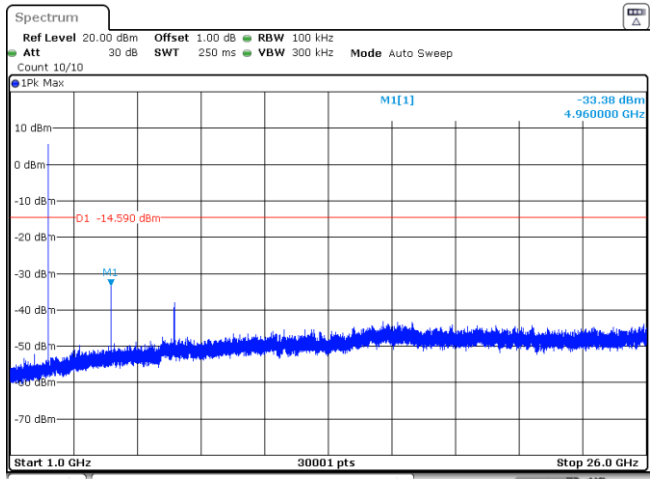


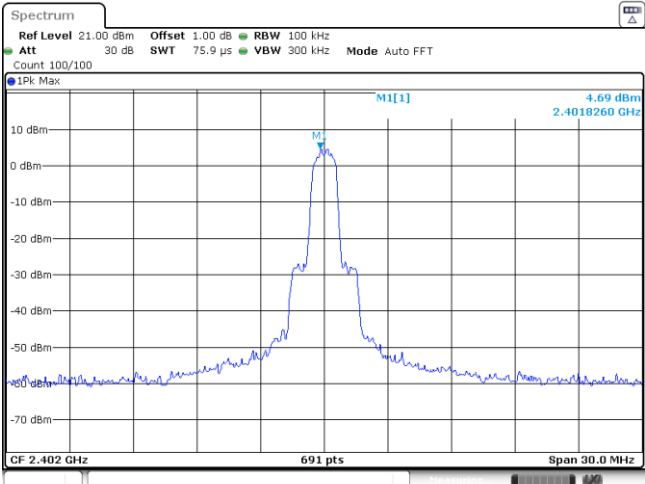
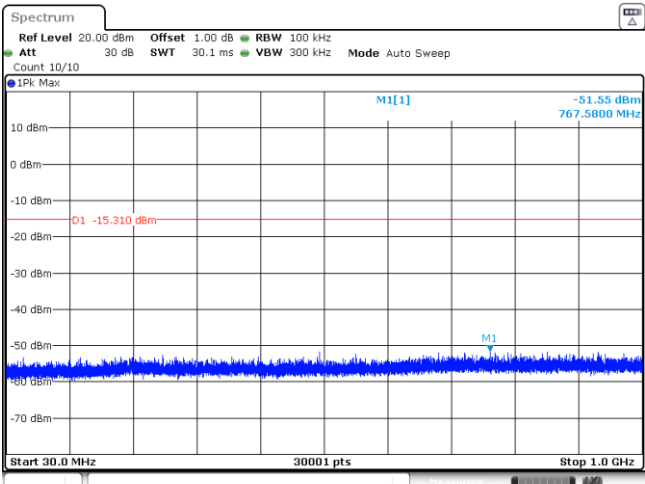
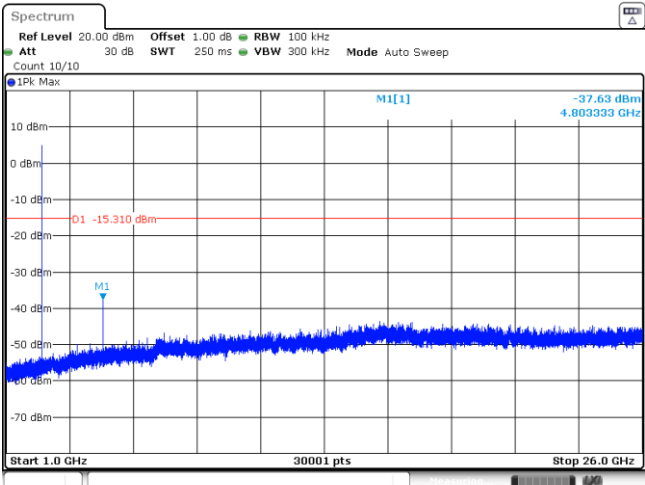
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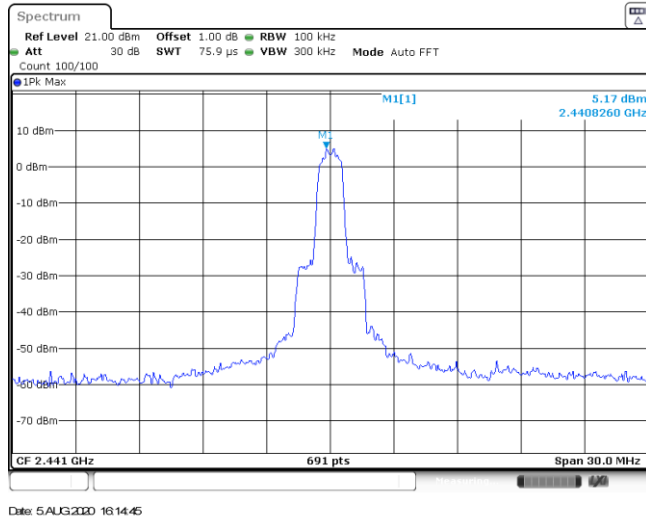
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<p>CH00 1GHz~26GHz</p>			

<p>CH39 Reference level</p>	<p>Date: 5.AUG.2020 16:04:19</p>
<p>CH39 30MHz~1000MHz</p>	<p>Date: 5.AUG.2020 16:04:36</p>
<p>CH39 1GHz~26GHz</p>	<p>Date: 5.AUG.2020 16:04:51</p>

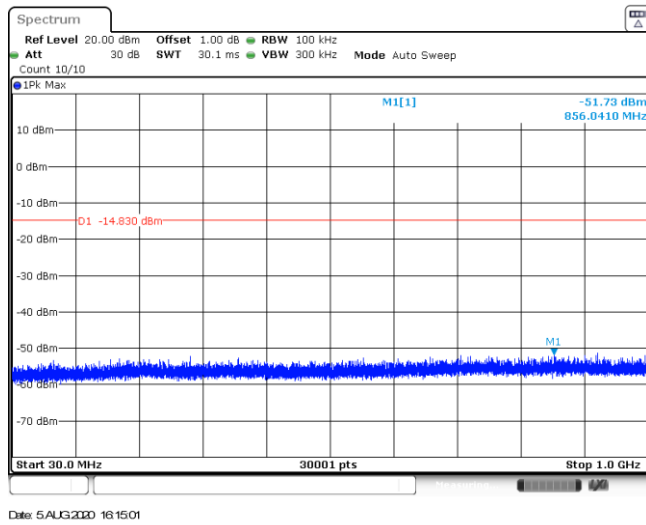
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<p>CH78 30MHz~1000MHz</p>	 <p>Date: 5.AUG.2020 16:08:22</p>
<p>CH78 1GHz~26GHz</p>	 <p>Date: 5.AUG.2020 16:08:38</p>

Test Item:	Spurious Emission	Modulation type:	π/4DQPSK
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<p>CH00 30MHz~1000MHz</p>	 <p>Date: 5 AUG 2020 16:11:07</p>		
<p>CH00 1GHz~26GHz</p>	 <p>Date: 5 AUG 2020 16:11:23</p>		

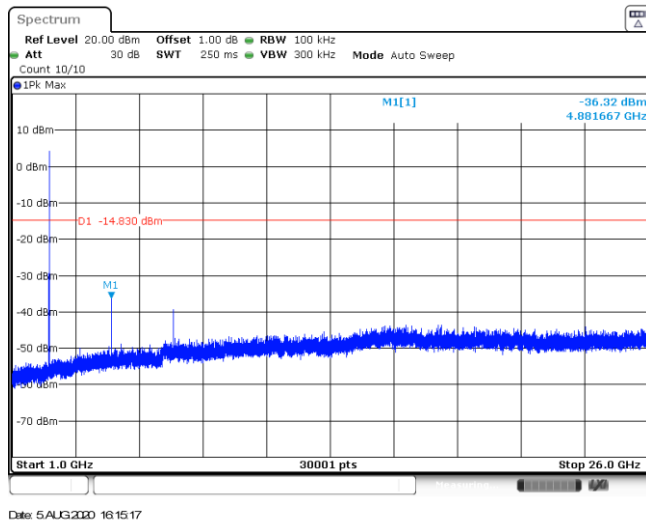
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Reference level



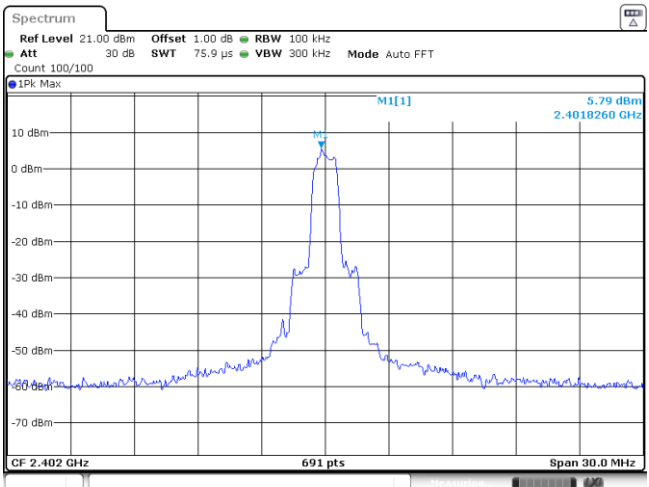
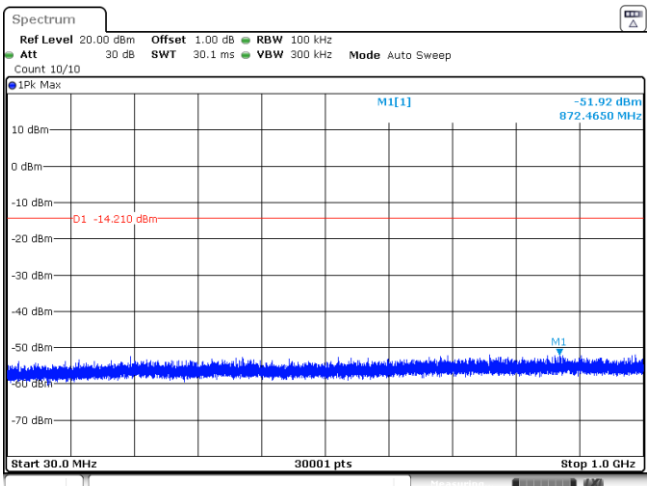
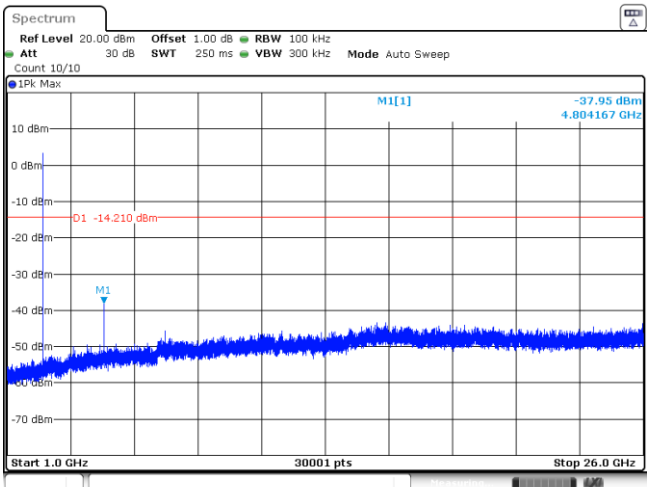
CH39  
30MHz~1000MHz



CH39  
1GHz~26GHz

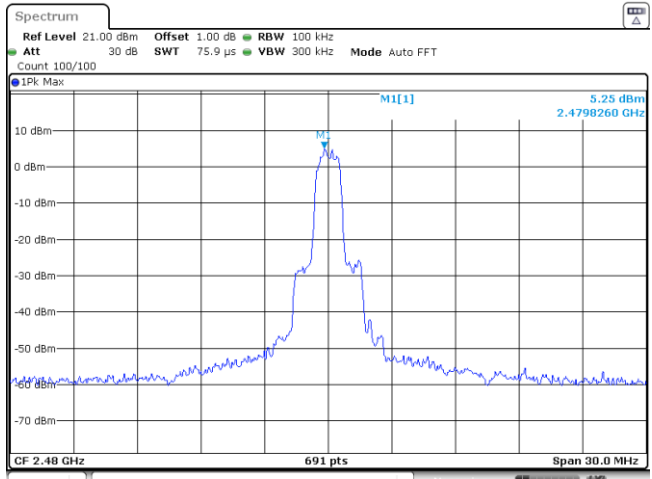
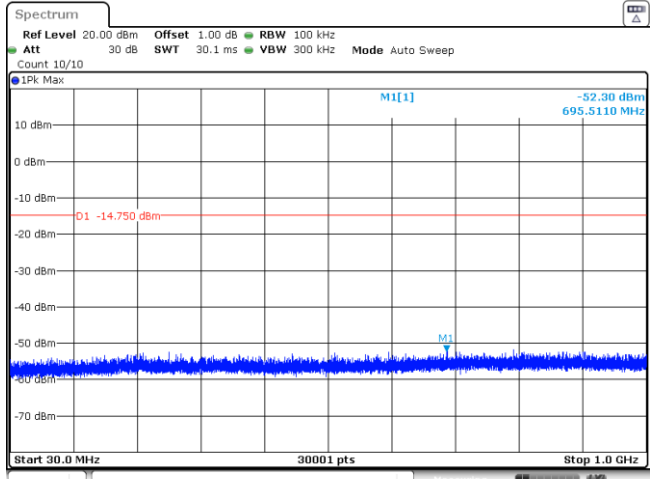
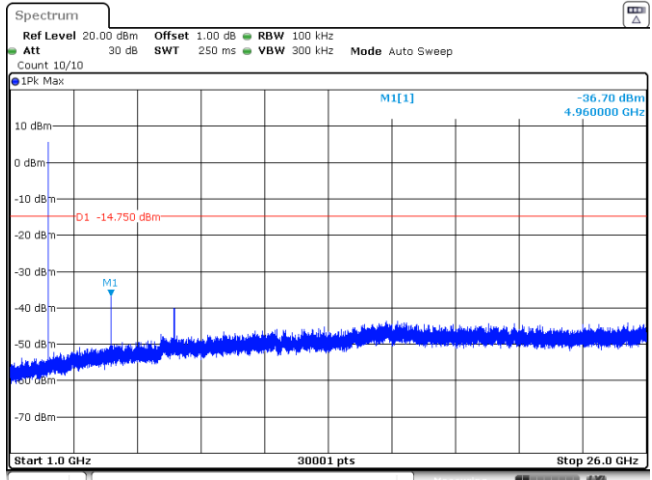


<p>CH78 Reference level</p>	<p>Ref Level 21.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 100/100 IPK Max M1[1] 4.04 dBm 2.4801300 GHz CF 2.48 GHz 691 pts Span 30.0 MHz Date: 5.AUG.2020 16:16:53</p>
<p>CH78 30MHz~1000MHz</p>	<p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 IPK Max M1[1] -51.50 dBm 891.0240 MHz D1 -15.960 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 5.AUG.2020 16:17:09</p>
<p>CH78 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 IPK Max M1[1] -37.23 dBm 4.960000 GHz D1 -15.960 dBm M1 Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 5.AUG.2020 16:17:25</p>

Test Item:	Spurious Emission	Modulation type:	8DPSK
<p>CH00 Reference level</p>	 <p>Spectrum Ref Level 21.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 100/100 IPK Max M1[1] 5.79 dBm 2.4018260 GHz CF 2.402 GHz 691 pts Span 30.0 MHz Date: 5 AUG 2020 16:18:55</p>		
<p>CH00 30MHz~1000MHz</p>	 <p>Spectrum 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 IPK Max M1[1] -51.92 dBm 872.4650 MHz D1 -14.210 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 5 AUG 2020 16:19:11</p>		
<p>CH00 1GHz~26GHz</p>	 <p>Spectrum 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 IPK Max M1[1] -37.95 dBm 4.804167 GHz D1 -14.210 dBm M1 Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 5 AUG 2020 16:19:27</p>		

<p>CH39 Reference level</p>	
<p>CH39 30MHz~1000MHz</p>	
<p>CH39 1GHz~26GHz</p>	



<p>CH78 Reference level</p>	 <p>Ref Level 21.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 100/100 IPK Max M1[1] 5.25 dBm 2.4798260 GHz CF 2.48 GHz 691 pts Span 30.0 MHz Date: 5.AUG.2020 16:28:18</p>
<p>CH78 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 IPK Max M1[1] -52.30 dBm 695.5110 MHz D1 -14.750 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 5.AUG.2020 16:28:34</p>
<p>CH78 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 IPK Max M1[1] -36.70 dBm 4.960000 GHz D1 -14.750 dBm M1 Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 5.AUG.2020 16:28:50</p>

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