

APPENDIX REPORT

Project No.	SHT2011030001EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT20110300005	Model No.	50 PRO
Start test date	2020/11/11	Finish date	2020/11/11
Temperature	25°C	Humidity	50%
Test Engineer	Qizhi Zhang	Auditor	Xiaodong Zheo

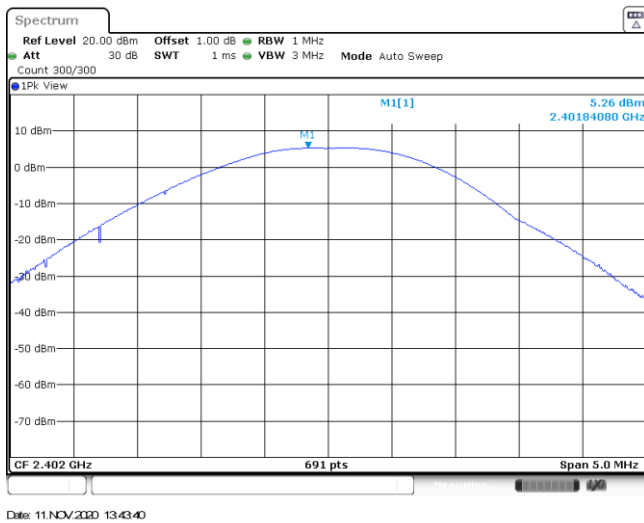
Appendix clause	Test item	Result
A	Peak Output Power	PASS
B	20 dB Bandwidth	PASS
C	99% Occupied Bandwidth	PASS
D	Carrier Frequencies Separation	PASS
E	Hopping Channel Number	PASS
F	Dwell Time	PASS
G	Duty Cycle Correction Factor (DCCF)	PASS
H	Band edge and Spurious Emissions(coducted)	PASS

Appendix A: Peak Output Power

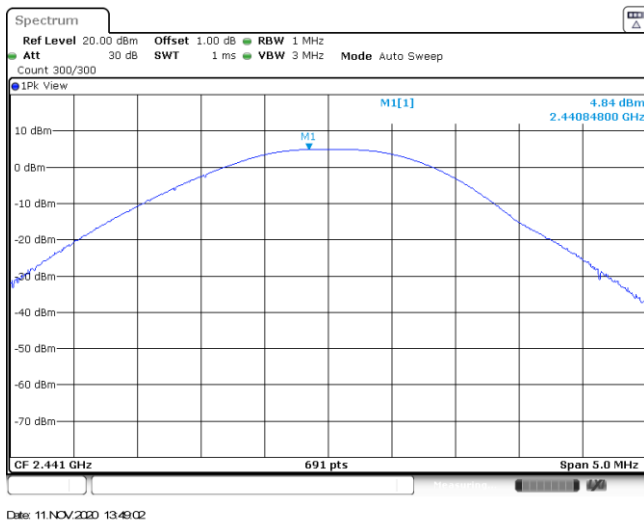
Modulation type	Channel	Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
GFSK	00	5.26	5.24	≤ 30.00	Pass
	39	4.84	4.82		
	78	4.01	4.00		
π/4DQPSK	00	7.38	5.50	≤ 21.00	Pass
	39	6.97	5.25		
	78	6.24	4.12		
8DPSK	00	7.70	6.09	≤ 21.00	Pass
	39	7.29	5.26		
	78	6.56	4.71		

Modulation Type: GFSK

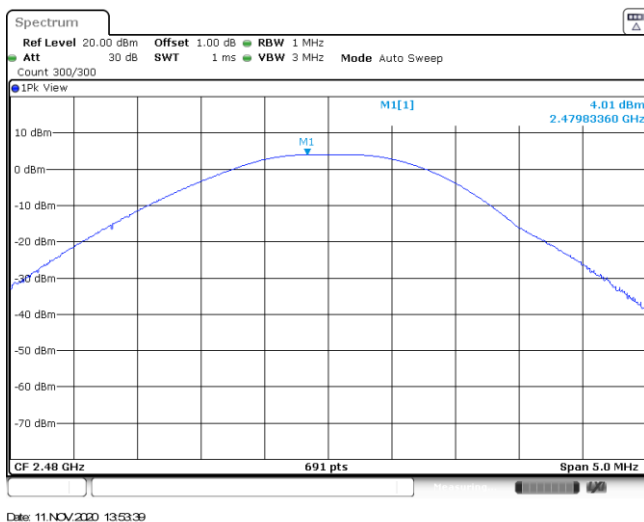
CH00



CH39

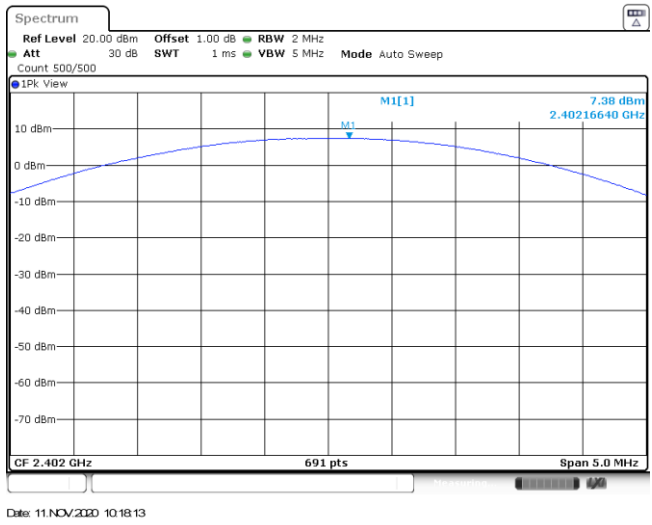


CH78

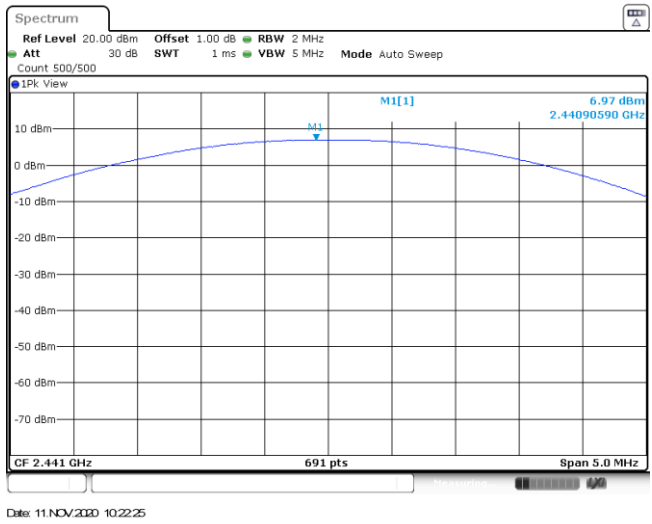


Modulation Type: $\pi/4$ DQPSK

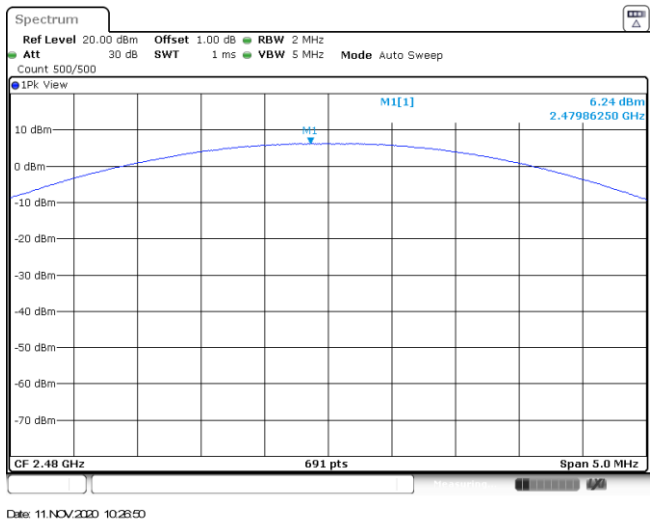
CH00



CH39

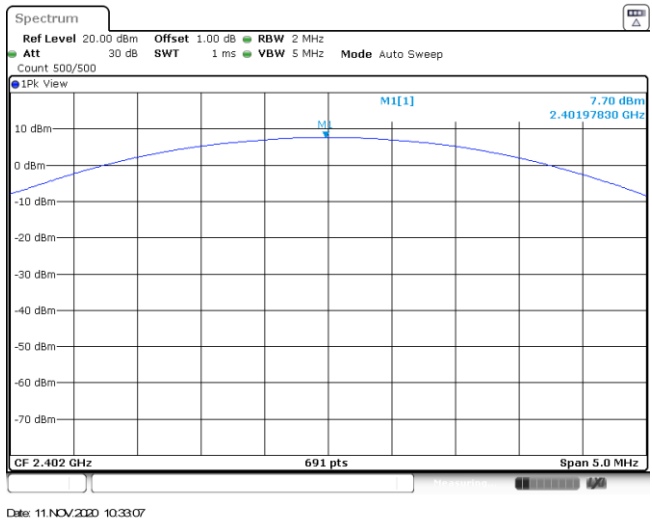


CH78

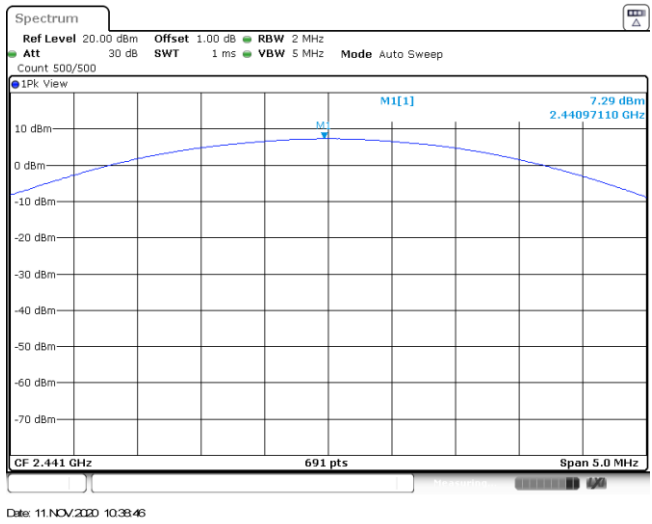


Modulation Type: 8DPSK

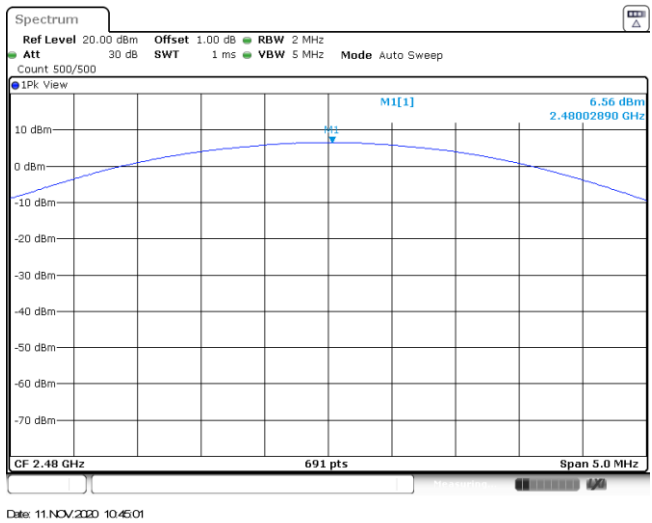
CH00



CH39



CH78

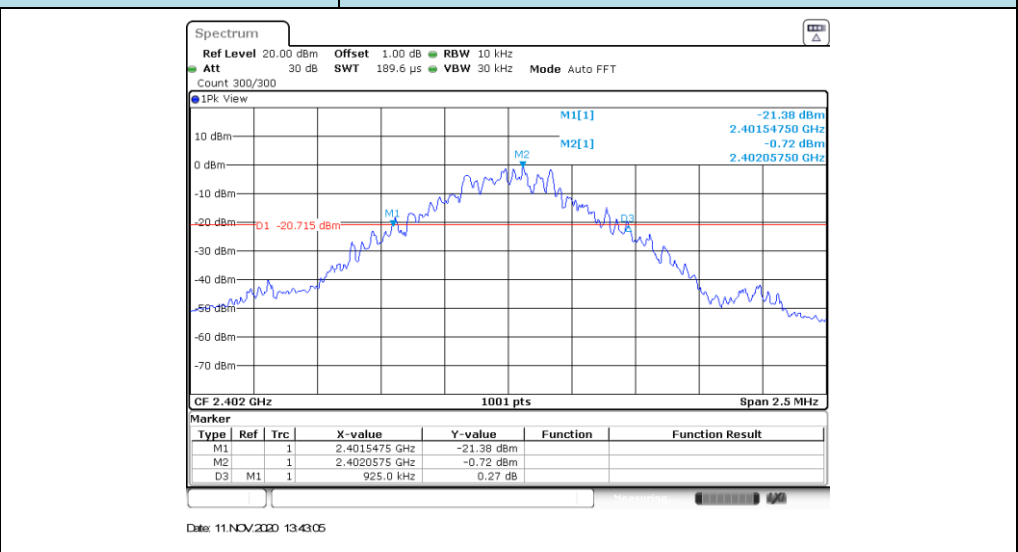


Appendix B : 20 dB Bandwidth

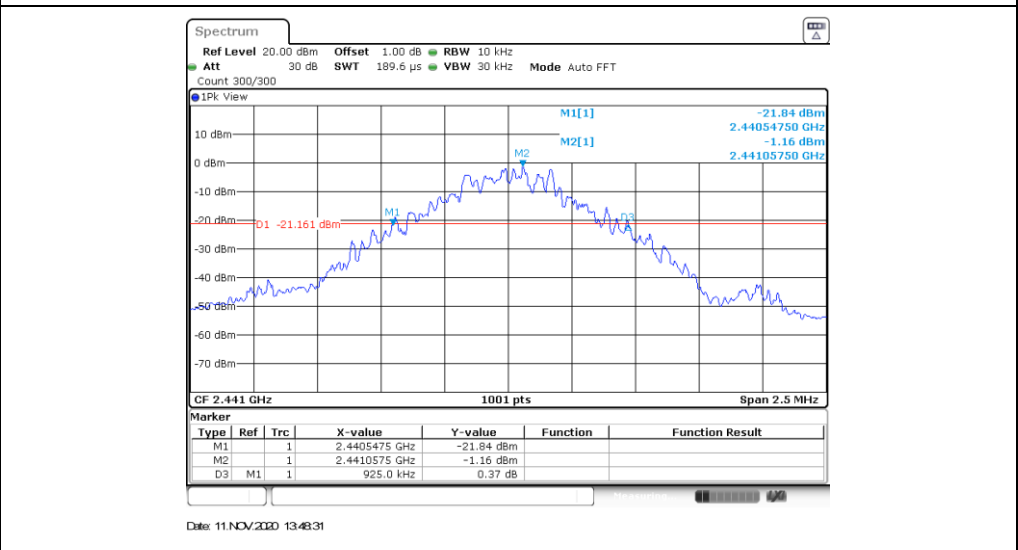
Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	925.00	-	Pass
	39	925.00		
	78	925.00		
$\pi/4$ DQPSK	00	1290.00	-	Pass
	39	1290.00		
	78	1290.00		
8DPSK	00	1298.00	-	Pass
	39	1298.00		
	78	1298.00		

Modulation Type: GFSK

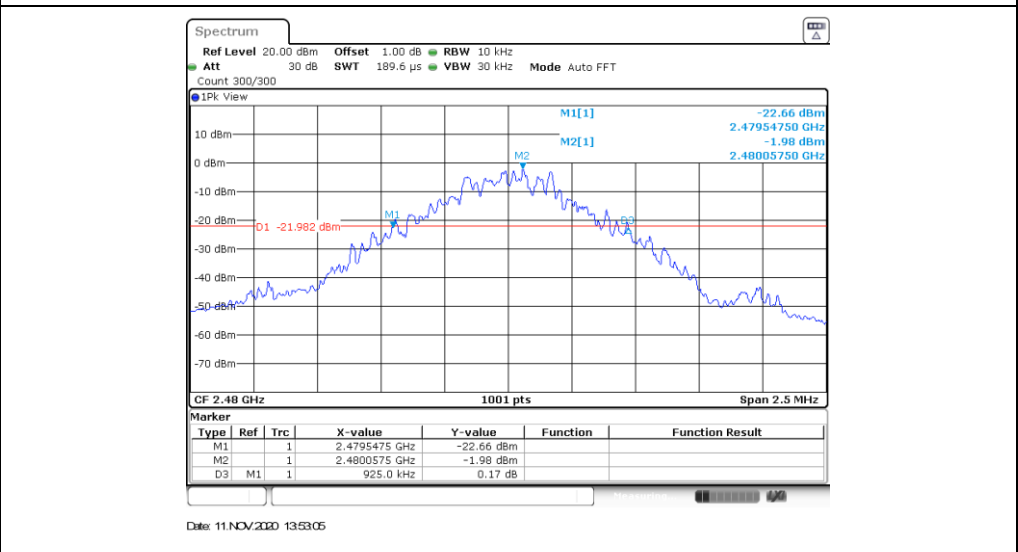
CH00



CH39

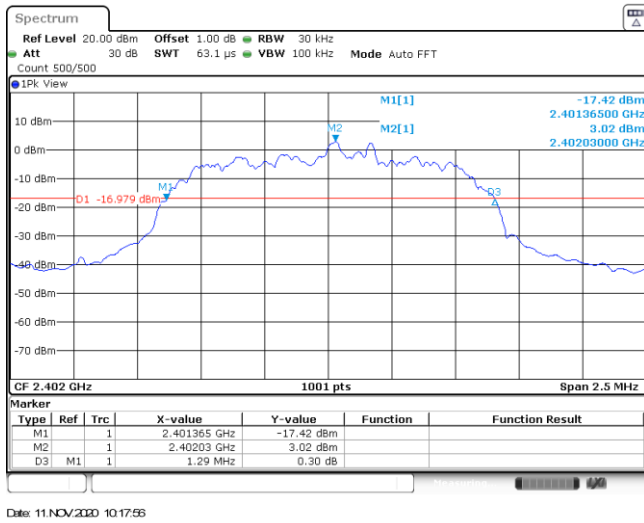


CH78

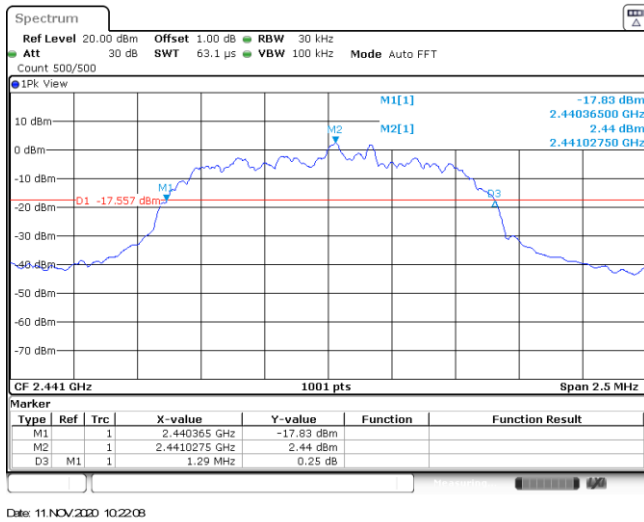


Modulation Type: $\pi/4$ DQPSK

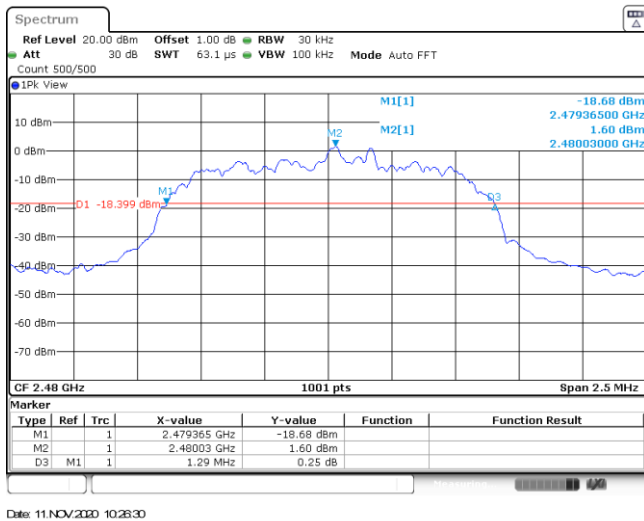
CH00



CH39

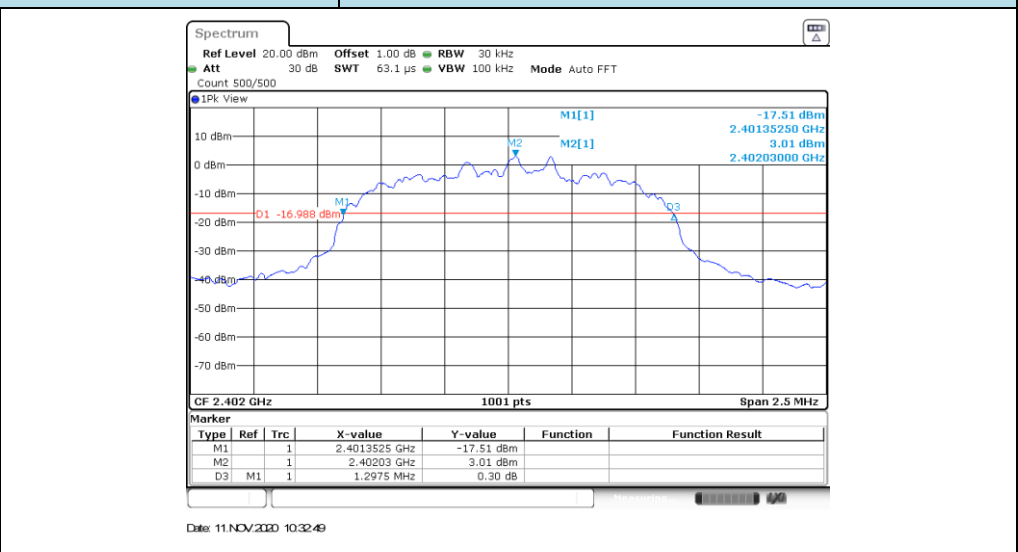


CH78

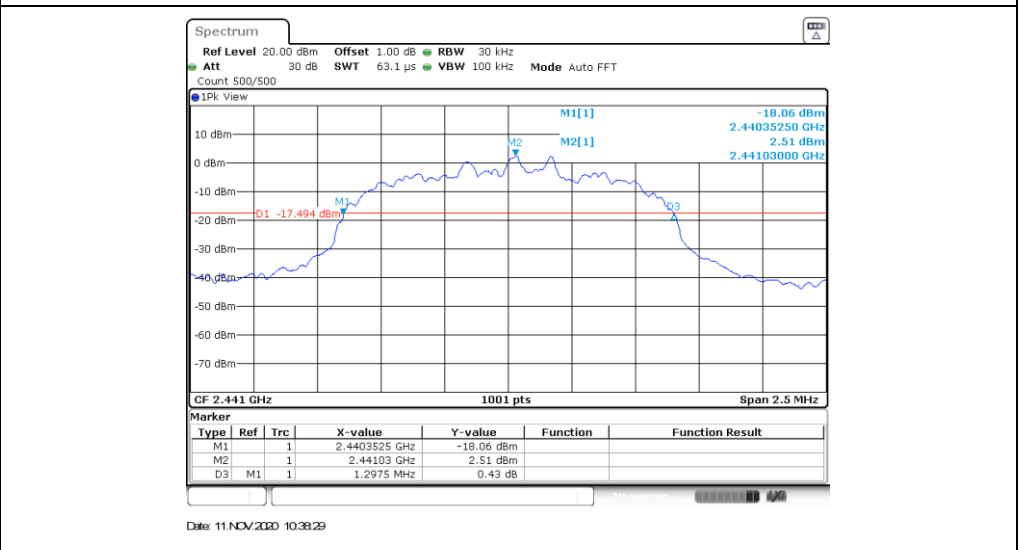


Modulation Type: 8DPSK

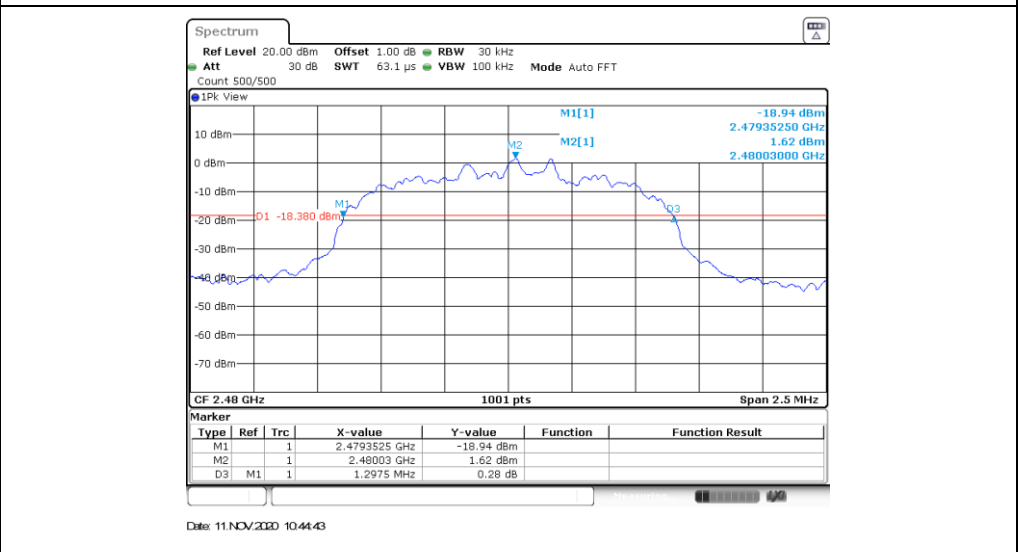
CH00



CH39



CH78



Appendix C: 99% Occupied Bandwidth

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.86	-	Pass
	39	0.86		
	78	0.86		
$\pi/4$ DQPSK	00	1.18	-	Pass
	39	1.18		
	78	1.18		
8DPSK	00	1.18	-	Pass
	39	1.18		
	78	1.18		

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 300/300 1Pk View 3.52 dBm 2.40183520 GHz 859.140859141 kHz M1[1] Occ Bw CF 2.402 GHz 1001 pts Span 2.5 MHz Date: 11.NOV.2010 13:43:13 </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 300/300 1Pk View 3.07 dBm 2.44083520 GHz 859.140859141 kHz M1[1] Occ Bw CF 2.441 GHz 1001 pts Span 2.5 MHz Date: 11.NOV.2010 13:48:40 </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 300/300 1Pk View 2.26 dBm 2.47983520 GHz 859.140859141 kHz M1[1] Occ Bw CF 2.48 GHz 1001 pts Span 2.5 MHz Date: 11.NOV.2010 13:53:13 </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 μs VBW 100 kHz Mode Auto FFT Count 500/500</p> <p>1Pk View</p> <p>M1[1] 2.99 dBm 2.40203000 GHz 1.181318681 MHz</p> <p>CF 2.402 GHz 1001 pts Span 2.5 MHz</p> <p>Date: 11.NOV.2020 10:18:04</p>
CH39	<p>Spectrum</p> <p>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</p> <p>1Pk View</p> <p>M1[1] 2.49 dBm 2.44103000 GHz 1.181318681 MHz</p> <p>CF 2.441 GHz 1001 pts Span 2.5 MHz</p> <p>Date: 11.NOV.2020 10:22:16</p>
CH78	<p>Spectrum</p> <p>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</p> <p>1Pk View</p> <p>M1[1] 1.60 dBm 2.48003000 GHz 1.181318681 MHz</p> <p>CF 2.48 GHz 1001 pts Span 2.5 MHz</p> <p>Date: 11.NOV.2020 10:28:39</p>

Modulation Type:		8DPSK
CH00	<p>CF 2.402 GHz 1001 pts Span 2.5 MHz</p> <p>Date: 11.NOV.2020 10:32:59</p>	
CH39	<p>CF 2.441 GHz 1001 pts Span 2.5 MHz</p> <p>Date: 11.NOV.2020 10:38:37</p>	
CH78	<p>CF 2.48 GHz 1001 pts Span 2.5 MHz</p> <p>Date: 11.NOV.2020 10:44:52</p>	

Appendix D: Carrier Frequencies Separation

Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥925.00	Pass
π/4DQPSK	39	1.00	≥860.00	Pass
8DPSK	39	1.00	≥865.33	Pass

Note:

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

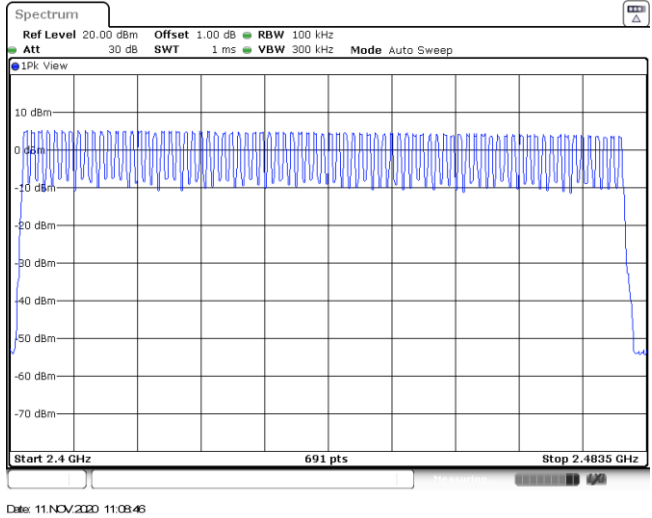
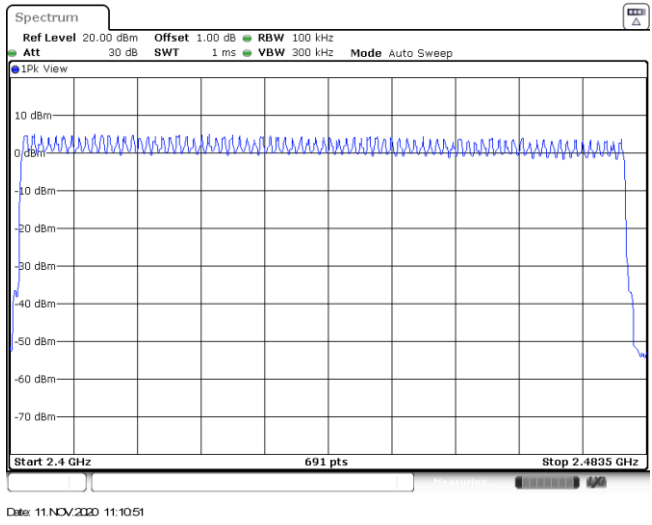
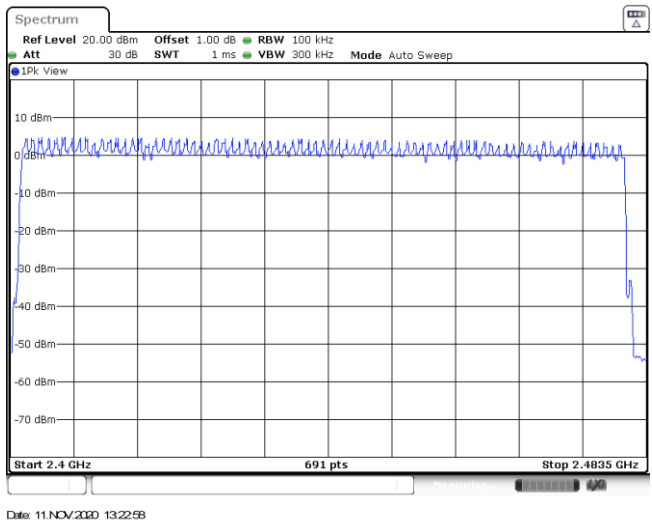
π/4DQPSK limit = 2/3 * The maximum 20 dB Bandwidth for π/4DQPSK modulation on the appendix B.

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;">$\pi/4$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		

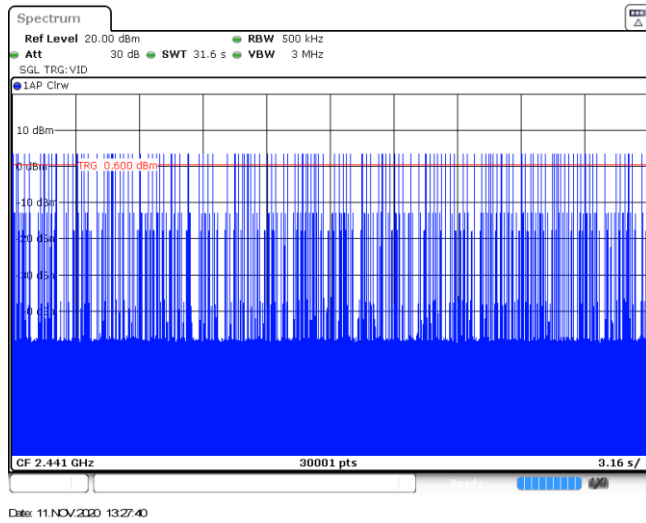
<p>GFSK</p>	
<p>$\pi/4$DQPSK</p>	
<p>8DPSK</p>	

Appendix F: Dwell Time

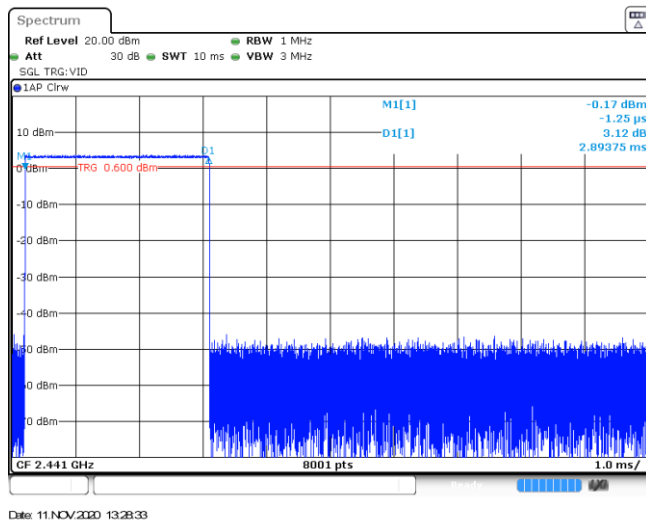
Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.39	316.00	0.12	≤ 0.40	Pass
	DH3	1.65	156.00	0.26		
	DH5	2.89	102.00	0.30		
π/4DQPSK	2DH1	0.38	317.00	0.12	≤ 0.40	Pass
	2DH3	1.63	154.00	0.25		
	2DH5	2.88	94.00	0.27		
8DPSK	3DH1	0.38	320.00	0.12	≤ 0.40	Pass
	3DH3	1.63	165.00	0.27		
	3DH5	2.88	114.00	0.33		

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] -11.49 dBm D1[1] -1.25 μs TRG 0.600 dBm 14.80 dB 390.00 μs CF 2.441 GHz 8001 pts 1.0 ms/ Date: 11 NOV 2020 13:24:44 </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 0.600 dBm CF 2.441 GHz 30001 pts 3.16 s/ Date: 11 NOV 2020 13:25:18 </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] -5.33 dBm D1[1] -1.25 μs TRG 0.600 dBm 8.59 dB 1.64625 ms CF 2.441 GHz 8001 pts 1.0 ms/ Date: 11 NOV 2020 13:27:05 </p>

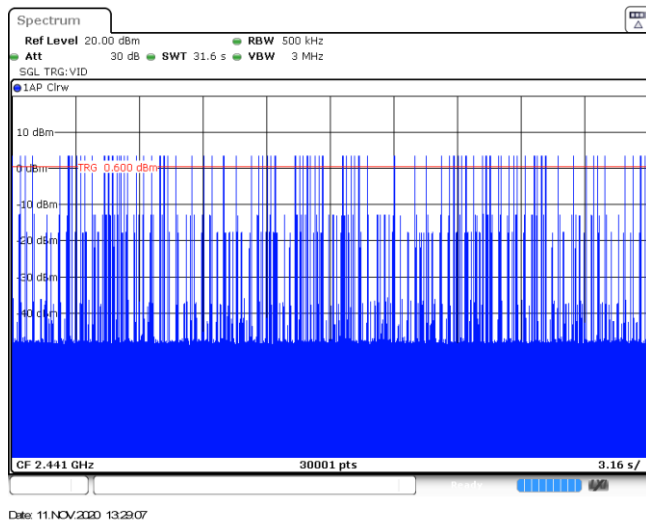
DH3
Burst number



DH5
Burst width

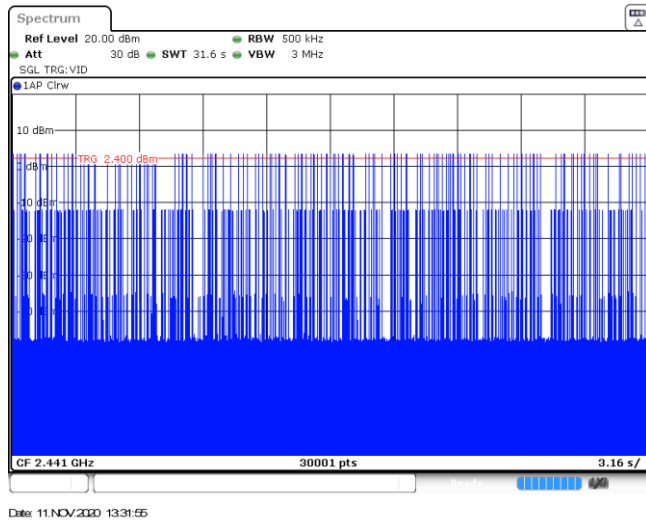


DH5
Burst number

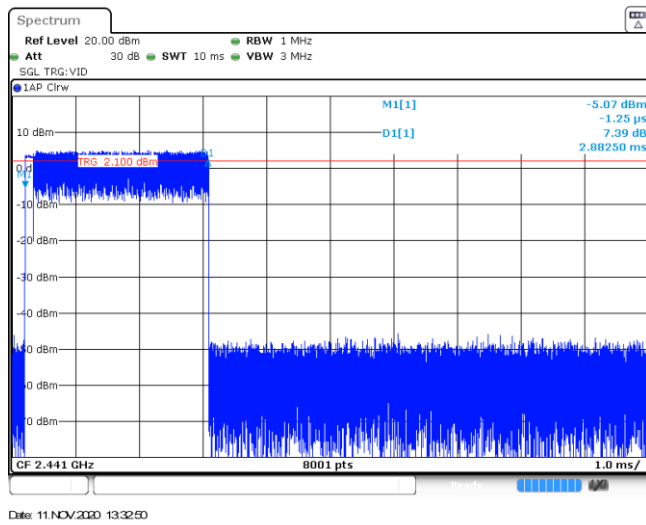


Modulation Type: $\pi/4$ DQPSK	
2DH1 Burst width	
2DH1 Burst number	
2DH3 Burst width	

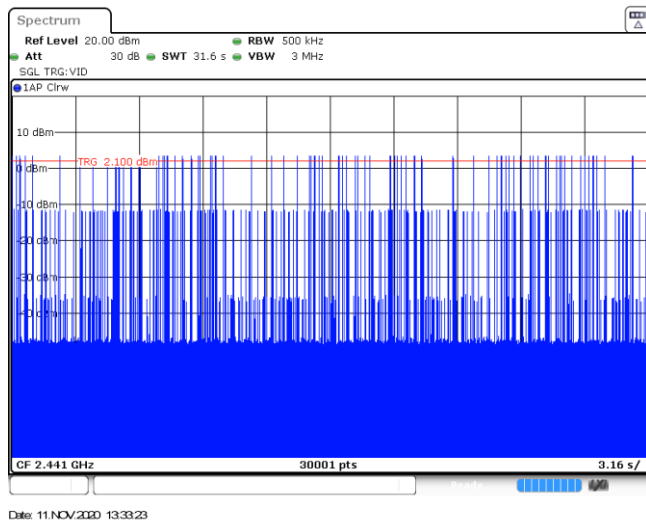
2DH3
Burst number



2DH5
Burst width

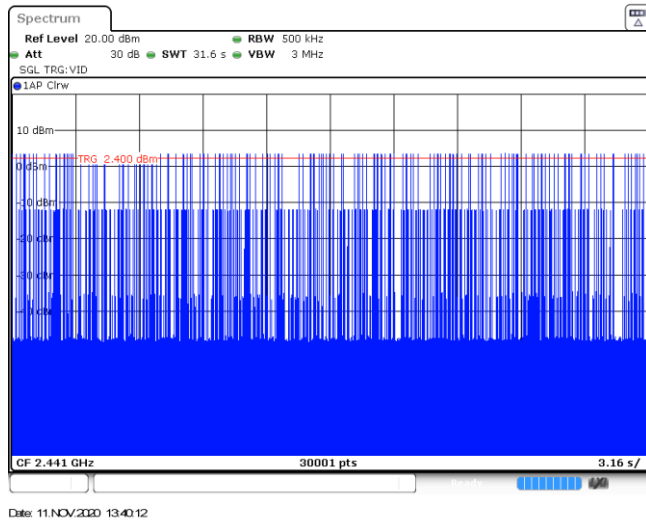


2DH5
Burst number

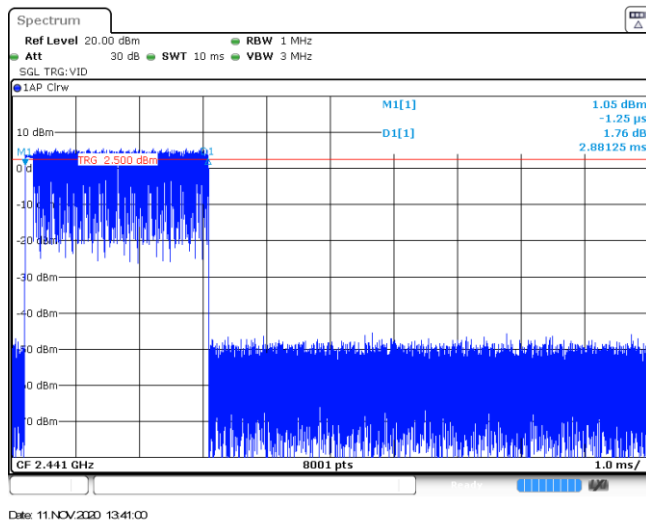


Modulation Type: 8DPSK	
3DH1 Burst width	
3DH1 Burst number	
3DH3 Burst width	

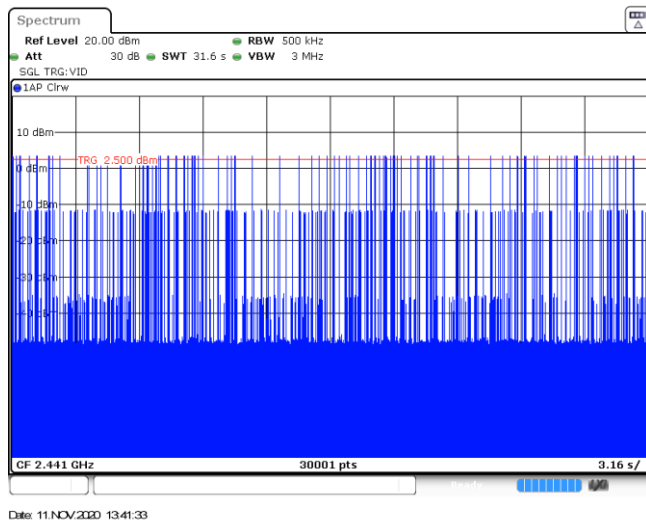
3DH3
Burst number



3DH5
Burst width



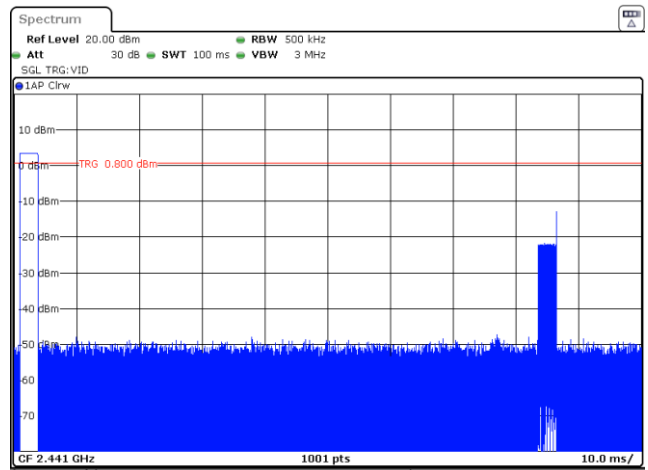
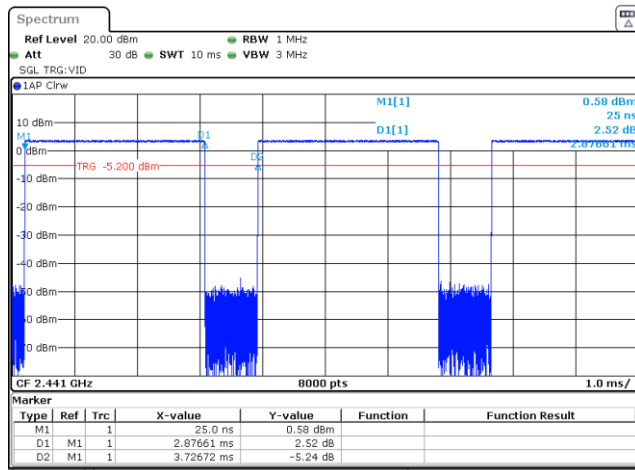
3DH5
Burst number



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	2.00	-24.79
$\pi/4$ DQPSK	2441	2.86	100	1.00	-30.87
8DPSK	2441	2.86	100	2.00	-24.85

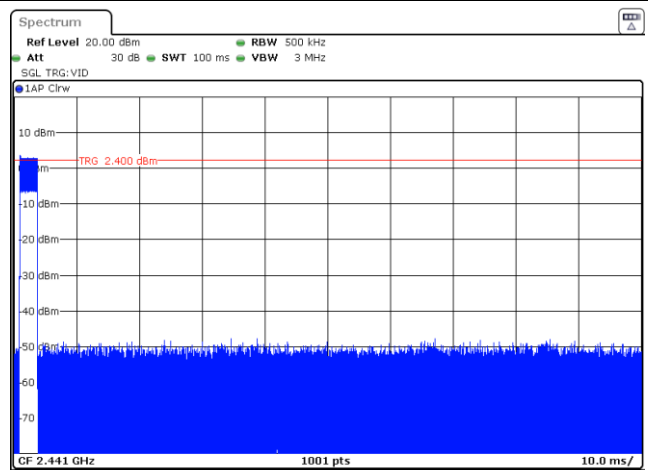
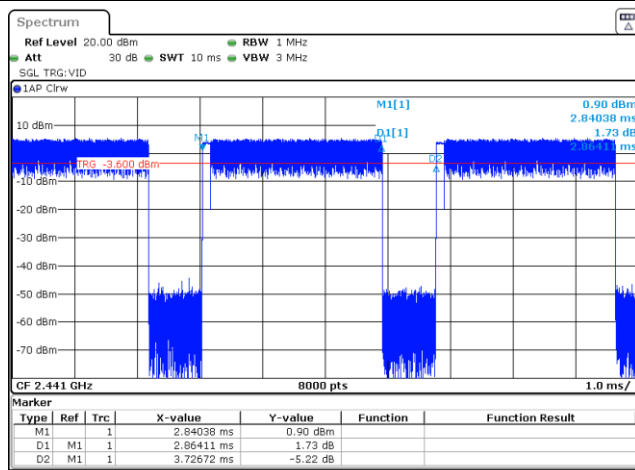
GFSK



T_{on} time for single burst

Burst Quantity

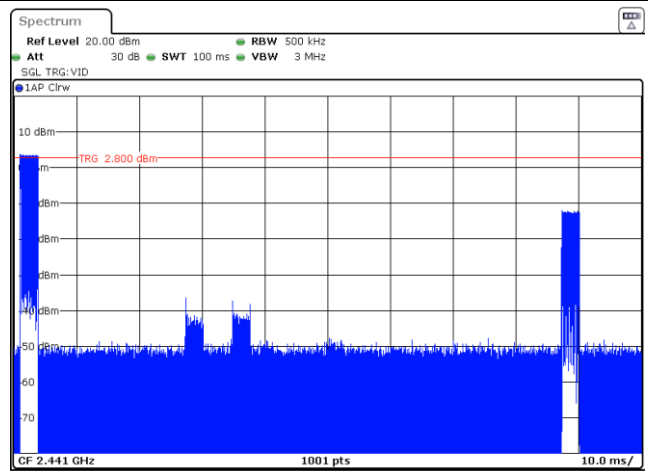
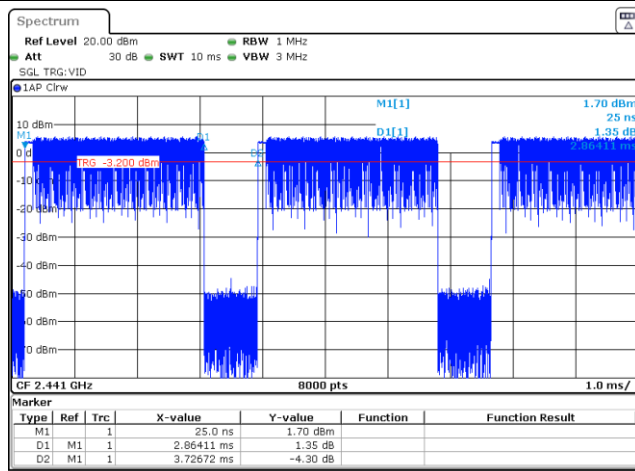
$\pi/4$ DQPSK



T_{on} time for single burst

Burst Quantity

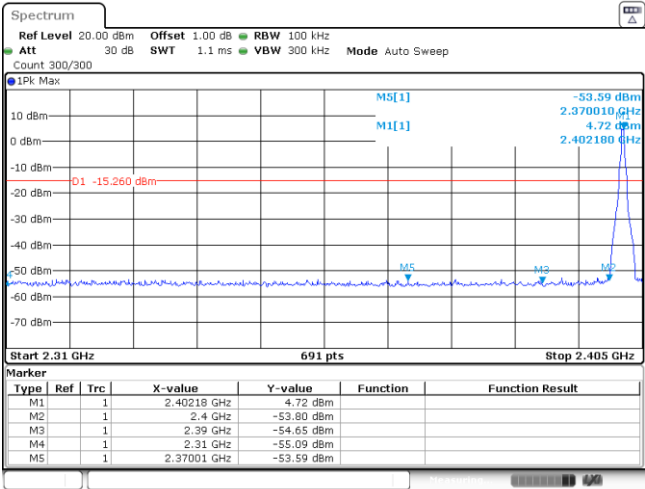
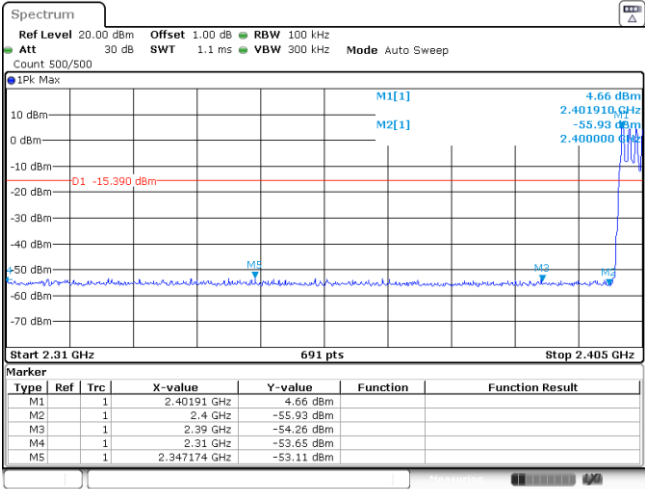
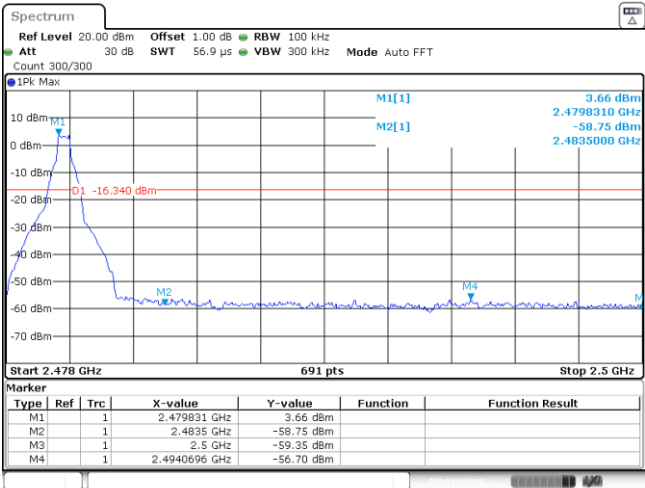
8DPSK



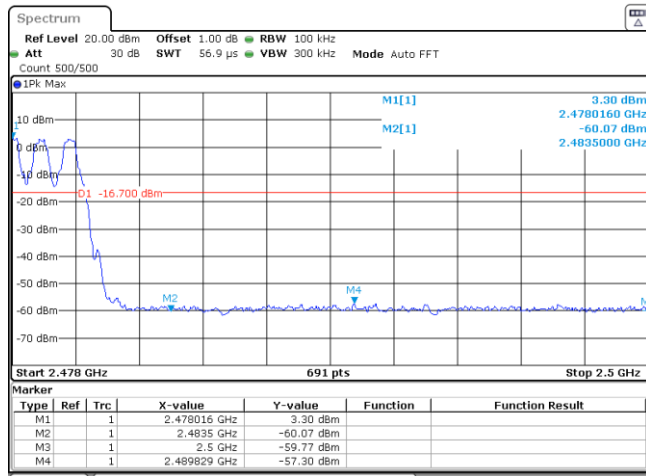
T_{on} time for single burst

Burst Quantity

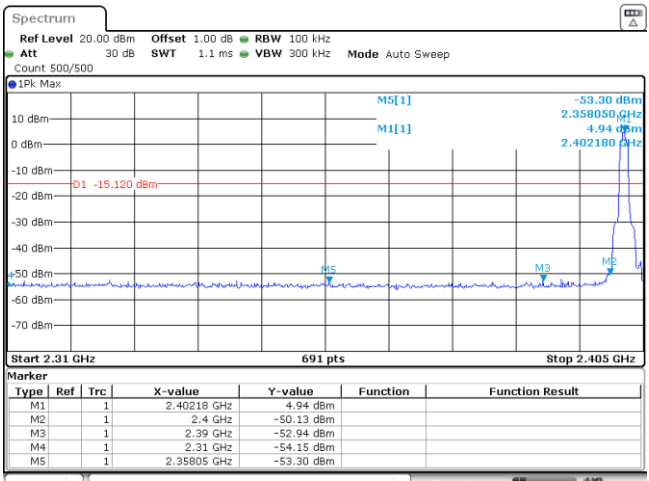
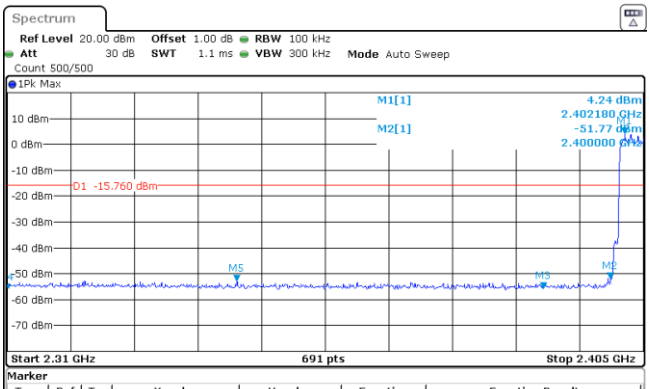
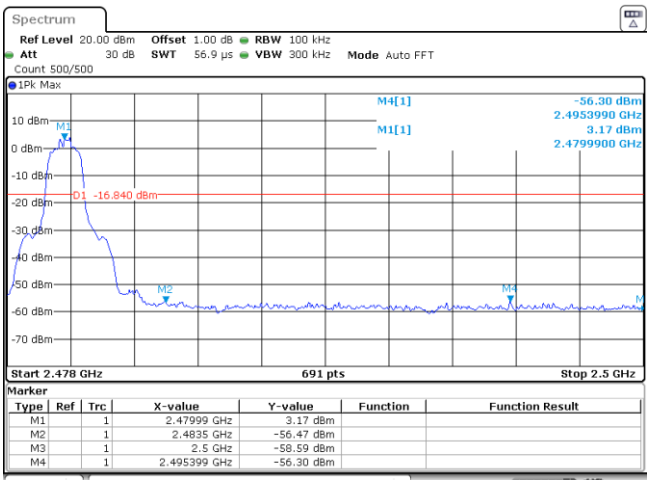
Appendix H: Band edge and Spurious Emissions (conducted)

Test Item:	Band edge	Modulation type:	GFSK																																										
<p>CH00 No hopping mode</p>	 <table border="1"> <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>2.40218 GHz</td> <td>-4.72 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.4 GHz</td> <td>-53.80 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td></td> <td>1</td> <td>2.39 GHz</td> <td>-54.65 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td></td> <td>1</td> <td>2.31 GHz</td> <td>-55.09 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td></td> <td>1</td> <td>2.37001 GHz</td> <td>-53.59 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 NOV 2020 13:45:42</p>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.40218 GHz	-4.72 dBm			M2		1	2.4 GHz	-53.80 dBm			M3		1	2.39 GHz	-54.65 dBm			M4		1	2.31 GHz	-55.09 dBm			M5		1	2.37001 GHz	-53.59 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1		1	2.40218 GHz	-4.72 dBm																																									
M2		1	2.4 GHz	-53.80 dBm																																									
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<p>CH00 Hopping mode</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></td> <td>1</td> <td>2.40191 GHz</td> <td>4.66 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.4 GHz</td> <td>-55.93 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td></td> <td>1</td> <td>2.39 GHz</td> <td>-54.26 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td></td> <td>1</td> <td>2.31 GHz</td> <td>-53.65 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td></td> <td>1</td> <td>2.347174 GHz</td> <td>-53.11 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 NOV 2020 11:09:01</p>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.40191 GHz	4.66 dBm			M2		1	2.4 GHz	-55.93 dBm			M3		1	2.39 GHz	-54.26 dBm			M4		1	2.31 GHz	-53.65 dBm			M5		1	2.347174 GHz	-53.11 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1		1	2.40191 GHz	4.66 dBm																																									
M2		1	2.4 GHz	-55.93 dBm																																									
M3		1	2.39 GHz	-54.26 dBm																																									
M4		1	2.31 GHz	-53.65 dBm																																									
M5		1	2.347174 GHz	-53.11 dBm																																									
<p>CH78 No hopping mode</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></td> <td>1</td> <td>2.479831 GHz</td> <td>3.66 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.4835 GHz</td> <td>-58.75 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td></td> <td>1</td> <td>2.5 GHz</td> <td>-59.35 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td></td> <td>1</td> <td>2.4940696 GHz</td> <td>-56.70 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 NOV 2020 13:55:11</p>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.479831 GHz	3.66 dBm			M2		1	2.4835 GHz	-58.75 dBm			M3		1	2.5 GHz	-59.35 dBm			M4		1	2.4940696 GHz	-56.70 dBm									
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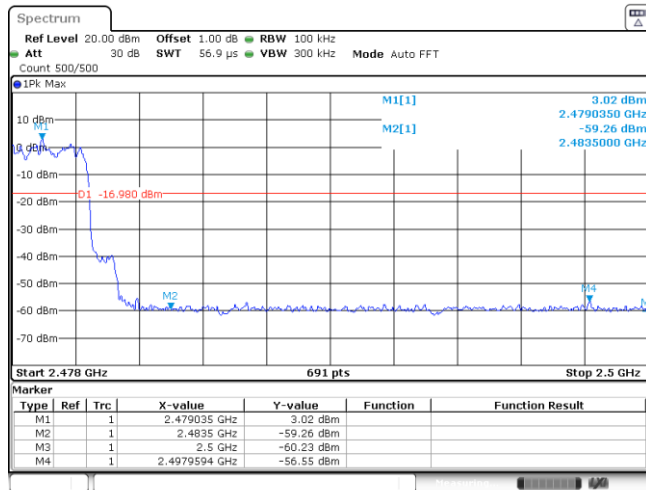
CH78
Hopping mode



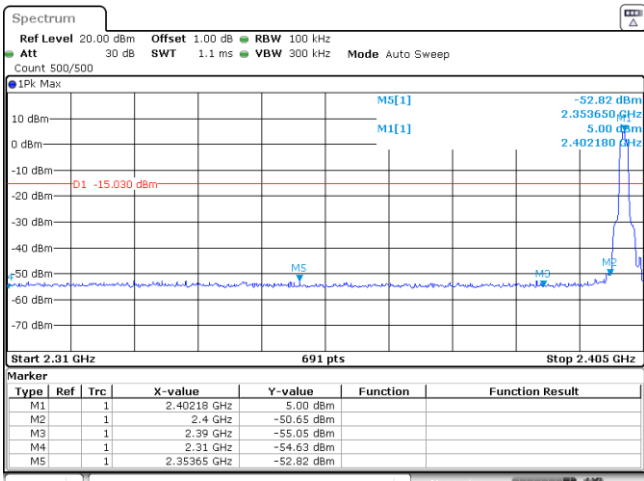
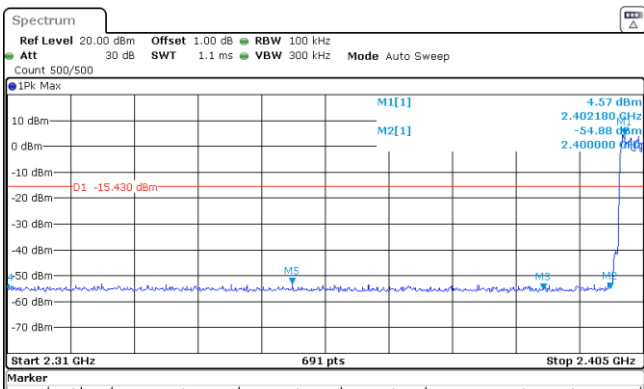
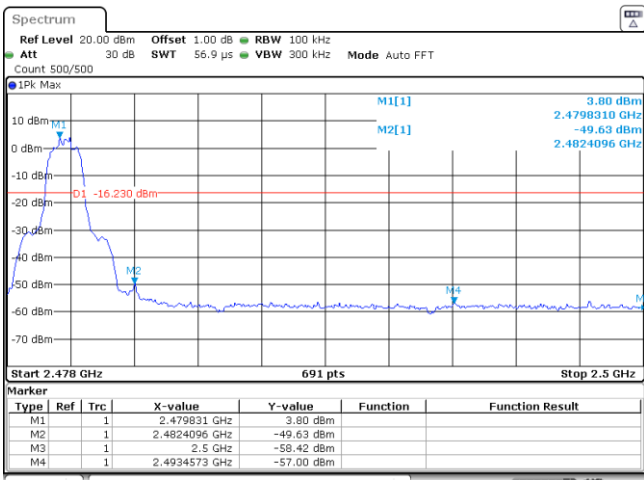
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Test Item:	Band edge	Modulation type:	π/4DQPSK																																																
<p>CH00 No hopping mode</p>	 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1Pk Max</p> <p>10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>Start 2.31 GHz 691 pts Stop 2.405 GHz</p> <table border="1"> <thead> <tr> <th>Marker</th> <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></td> <td>2.40218 GHz</td> <td>-4.94 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-50.13 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-52.94 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-54.15 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td>1</td> <td></td> <td>2.35805 GHz</td> <td>-53.30 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11.NOV.2020 10:20:36</p>			Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1	1		2.40218 GHz	-4.94 dBm			M2	1	1		2.4 GHz	-50.13 dBm			M3	1	1		2.39 GHz	-52.94 dBm			M4	1	1		2.31 GHz	-54.15 dBm			M5	1	1		2.35805 GHz	-53.30 dBm		
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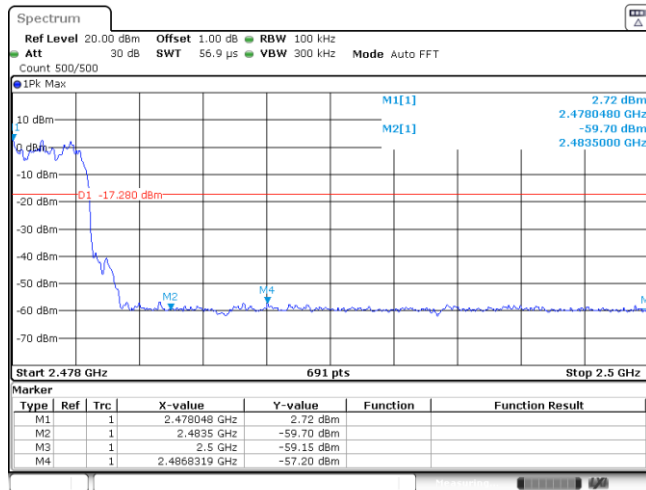
CH78
Hopping mode



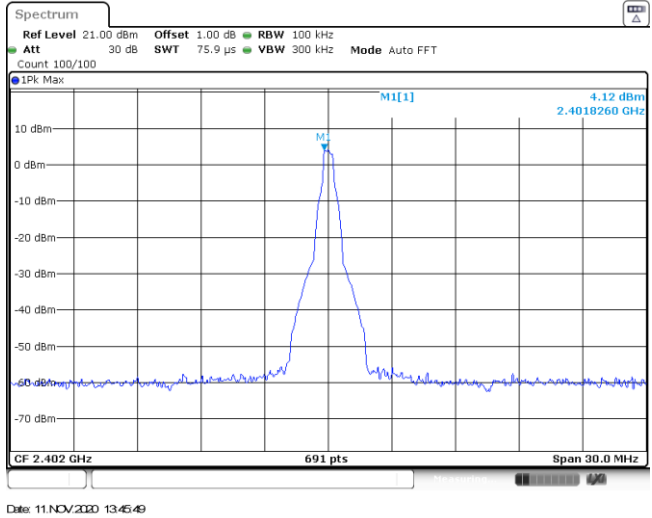
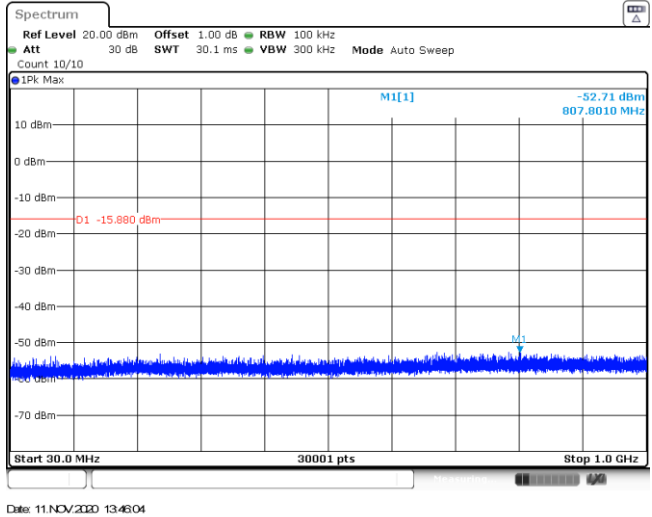
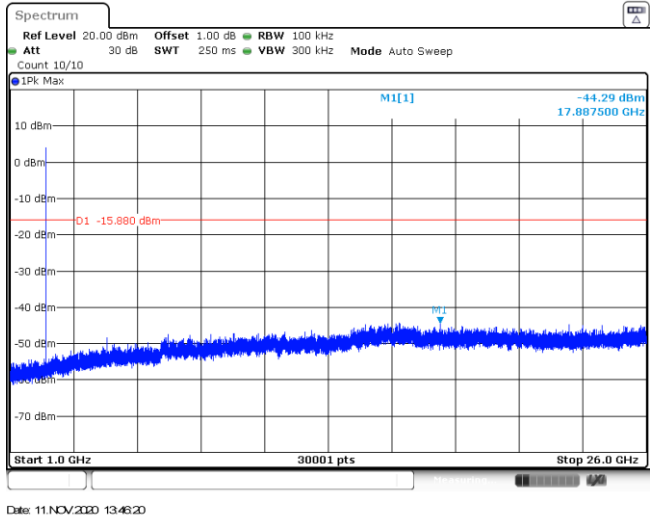
Date: 11.NOV.2020 11:11:47

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 M5[1] -52.82 dBm 2.353650 GHz 5.00 dBm 0 dBm M1[1] 2.402180 GHz</p> <p>-10 dBm -D1 -15.030 dBm</p> <p>-20 dBm</p> <p>-30 dBm</p> <p>-40 dBm</p> <p>-50 dBm M5 M3 M2</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>5.00 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td>1</td> <td>2.4 GHz</td> <td>-50.65 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td>1</td> <td>2.39 GHz</td> <td>-55.05 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td>1</td> <td>2.31 GHz</td> <td>-54.63 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td>1</td> <td>2.35365 GHz</td> <td>-52.82 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11.NOV.2020 10:33:55</p>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1	1	2.40218 GHz	5.00 dBm			M2	1	1	2.4 GHz	-50.65 dBm			M3	1	1	2.39 GHz	-55.05 dBm			M4	1	1	2.31 GHz	-54.63 dBm			M5	1	1	2.35365 GHz	-52.82 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] 3.80 dBm 2.479831 GHz 0 dBm M2[1] -49.63 dBm 2.4824096 GHz</p> <p>-10 dBm -D1 -16.230 dBm</p> <p>-20 dBm</p> <p>-30 dBm</p> <p>-40 dBm</p> <p>-50 dBm M2 M4</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>3.80 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td>1</td> <td>2.4824096 GHz</td> <td>-49.63 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td>1</td> <td>2.5 GHz</td> <td>-58.42 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td>1</td> <td>2.4934573 GHz</td> <td>-57.00 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11.NOV.2020 10:47:35</p>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1	1	2.479831 GHz	3.80 dBm			M2	1	1	2.4824096 GHz	-49.63 dBm			M3	1	1	2.5 GHz	-58.42 dBm			M4	1	1	2.4934573 GHz	-57.00 dBm									
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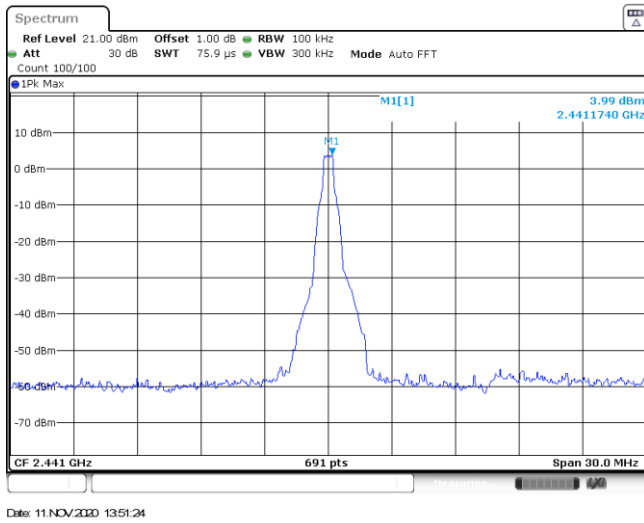
CH78
Hoppig mode



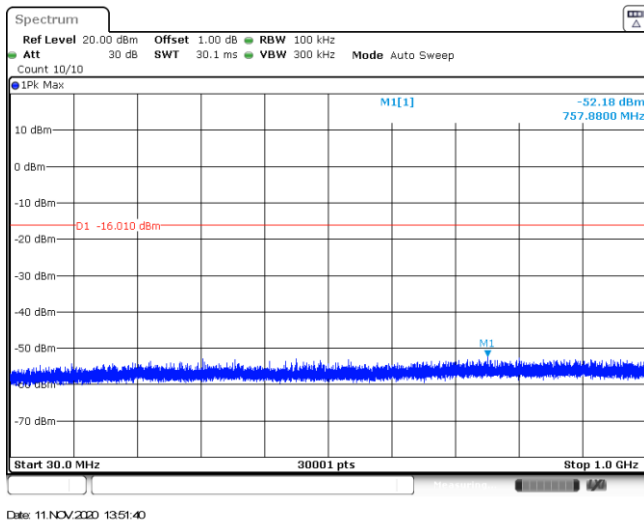
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Test Item:	Spurious Emission	Modulation type:	GFSK
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<p>CH00 1GHz~26GHz</p>			

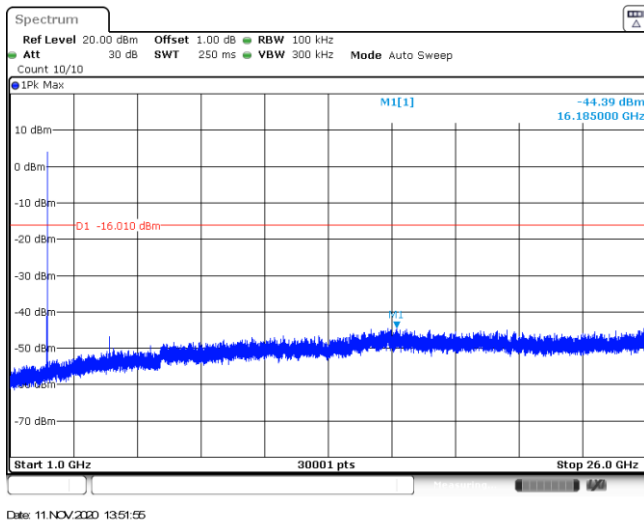
CH39
Reference level

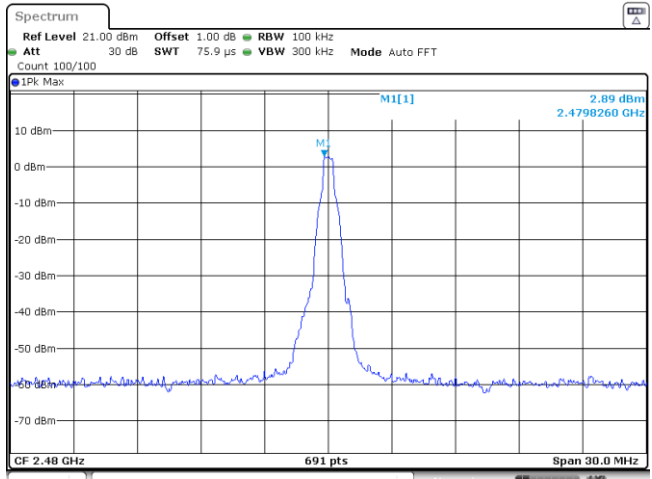
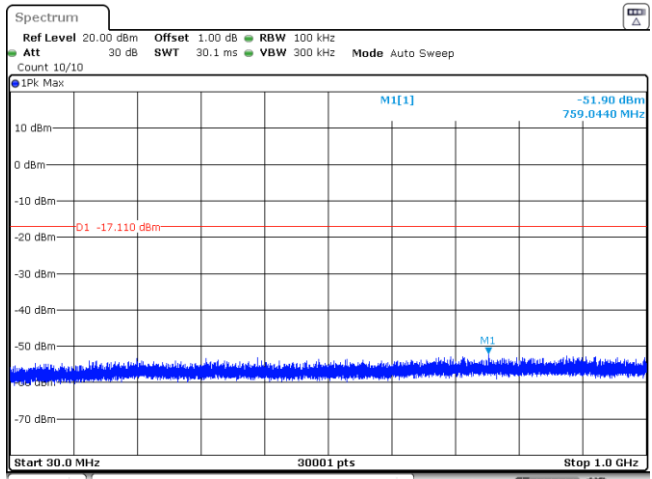
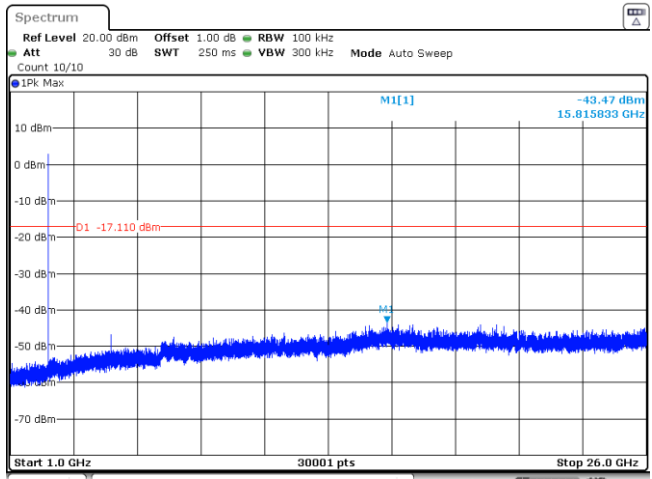


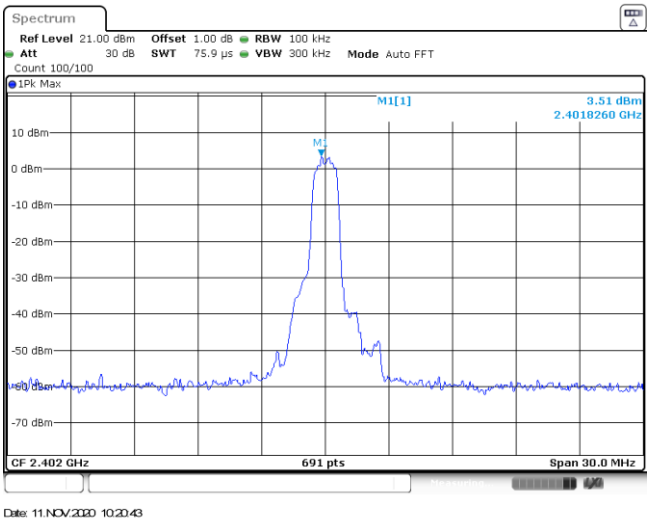
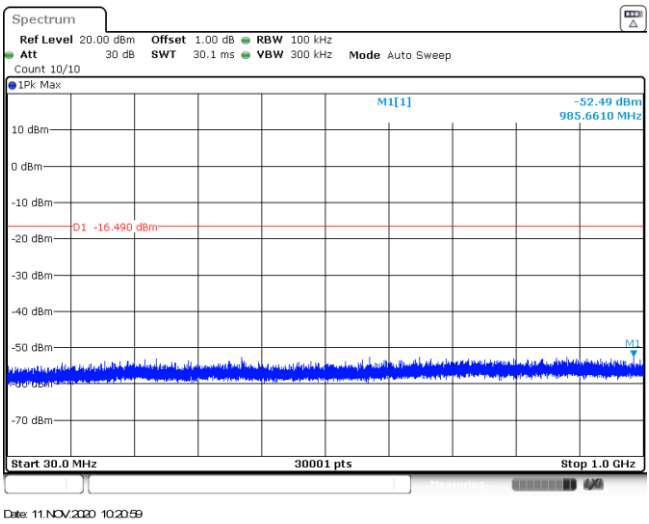
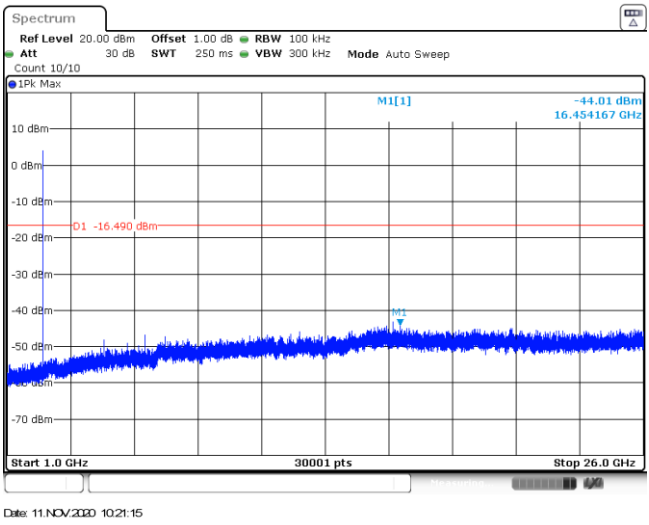
CH39
30MHz~1000MHz



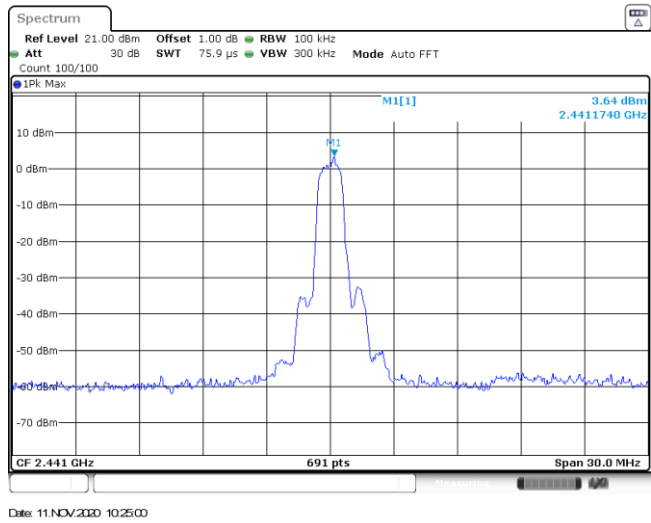
CH39
1GHz~26GHz



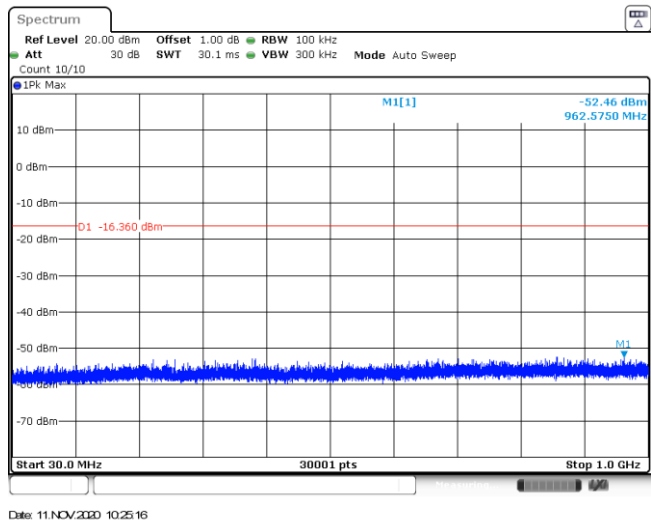
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<p>CH78 30MHz~1000MHz</p>	 <p>Date: 11.NOV.2020 13:55:33</p>
<p>CH78 1GHz~26GHz</p>	 <p>Date: 11.NOV.2020 13:55:49</p>

Test Item:	Spurious Emission	Modulation type:	π/4DQPSK
<p>CH00 Reference level</p>			
<p>CH00 30MHz~1000MHz</p>			
<p>CH00 1GHz~26GHz</p>			

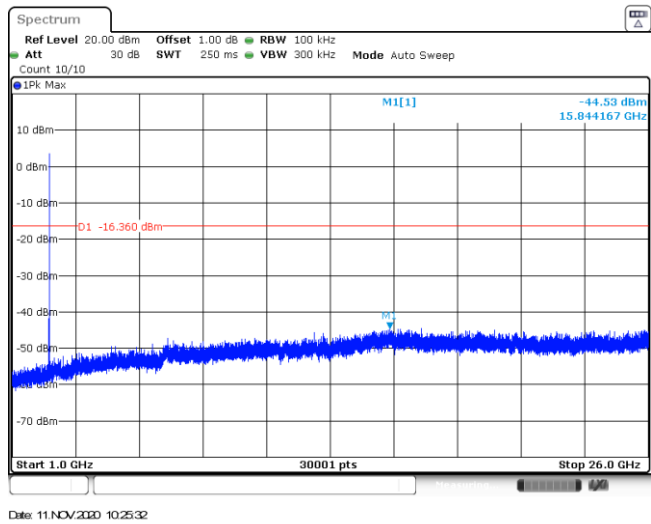
CH39
Reference level

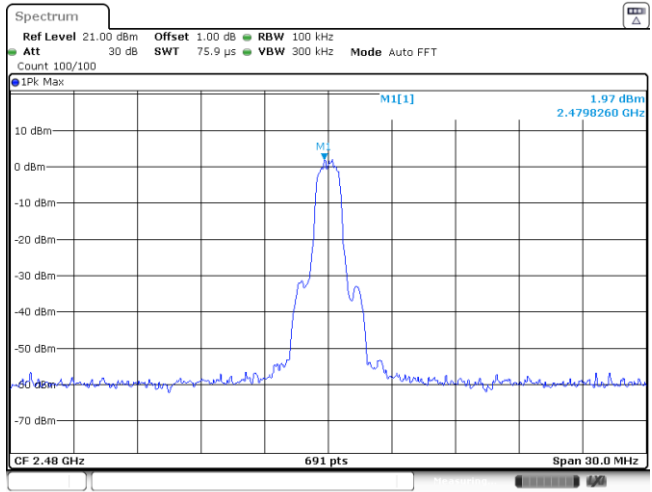
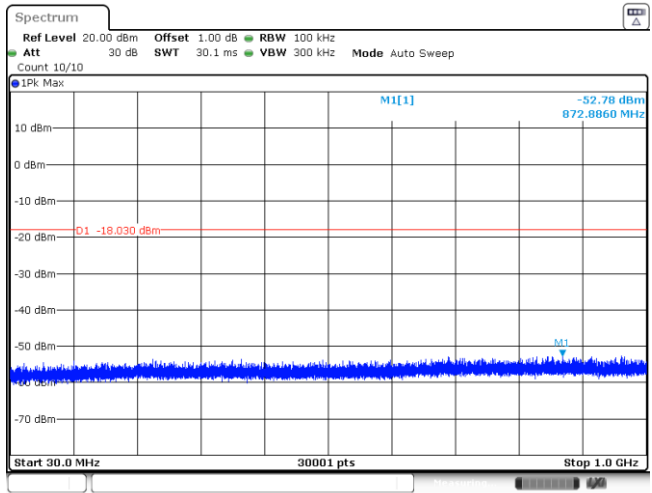
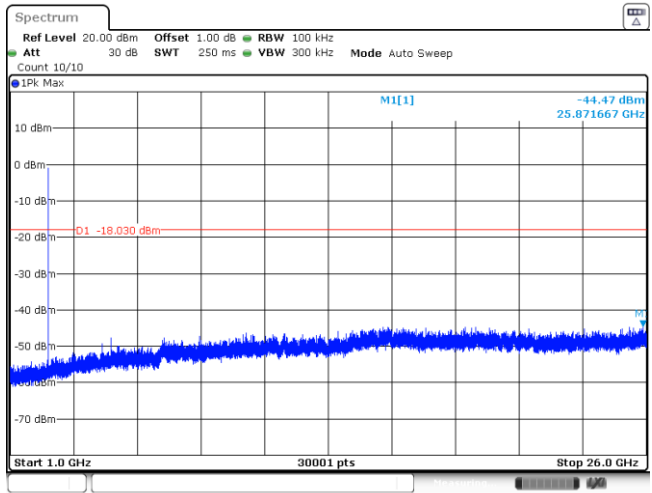


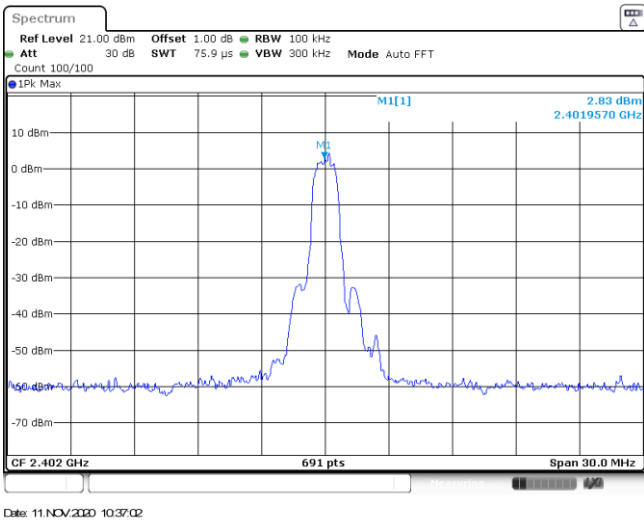
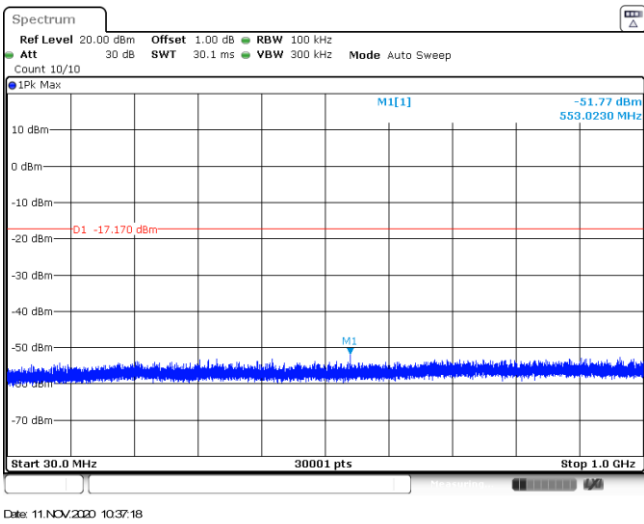
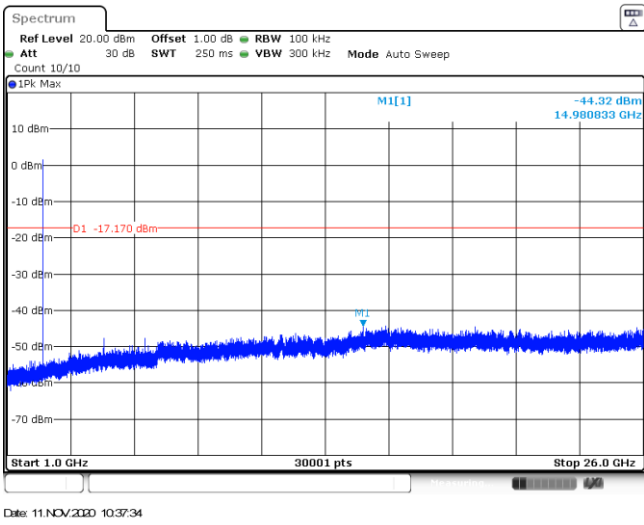
CH39
30MHz~1000MHz



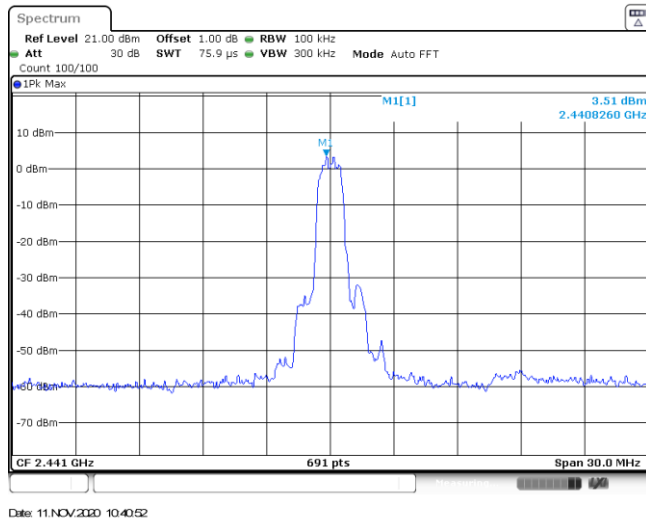
CH39
1GHz~26GHz



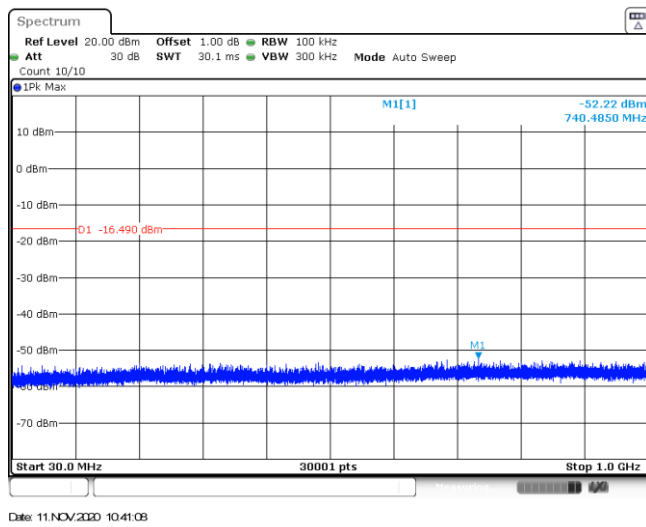
<p>CH78 Reference level</p>	 <p>Spectrum Ref Level 21.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 100/100 IPK Max M1[1] 1.97 dBm 2.4798260 GHz CF 2.48 GHz 691 pts Span 30.0 MHz Date: 11.NOV.2020 10:28:54</p>
<p>CH78 30MHz~1000MHz</p>	 <p>Spectrum Ref Level 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] -52.78 dBm 872.8860 MHz D1 -18.030 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 11.NOV.2020 10:29:10</p>
<p>CH78 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] -44.47 dBm 25.871667 GHz D1 -18.030 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 11.NOV.2020 10:29:26</p>

Test Item:	Spurious Emission	Modulation type:	8DPSK
<p>CH00 Reference level</p>			
<p>CH00 30MHz~1000MHz</p>			
<p>CH00 1GHz~26GHz</p>			

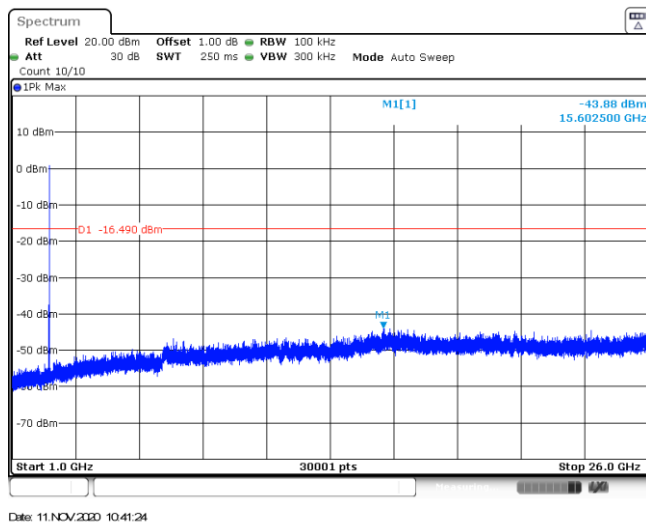
CH39
Reference level

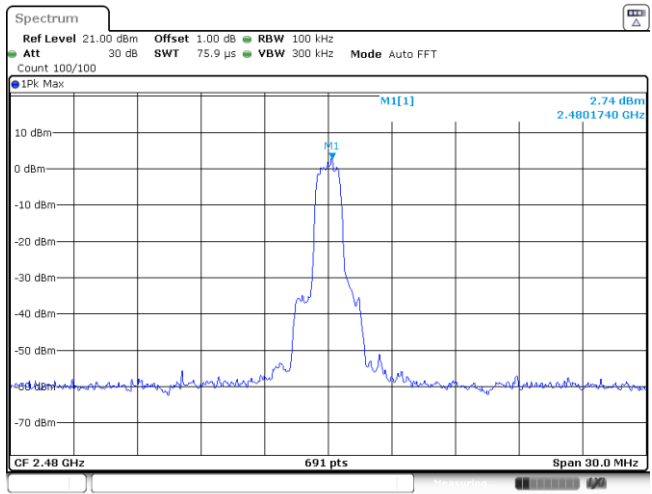
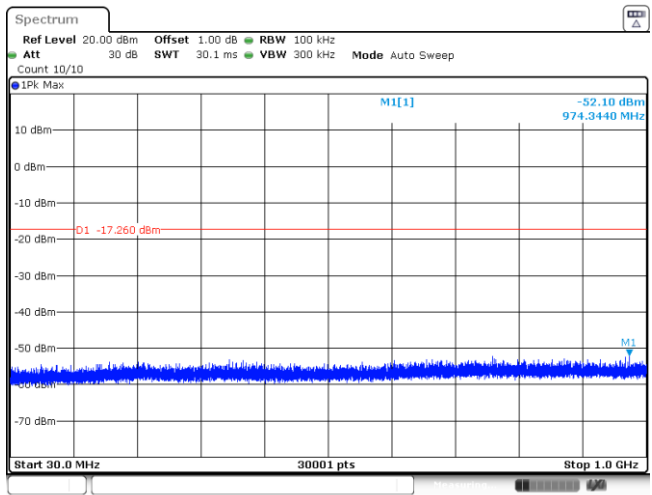
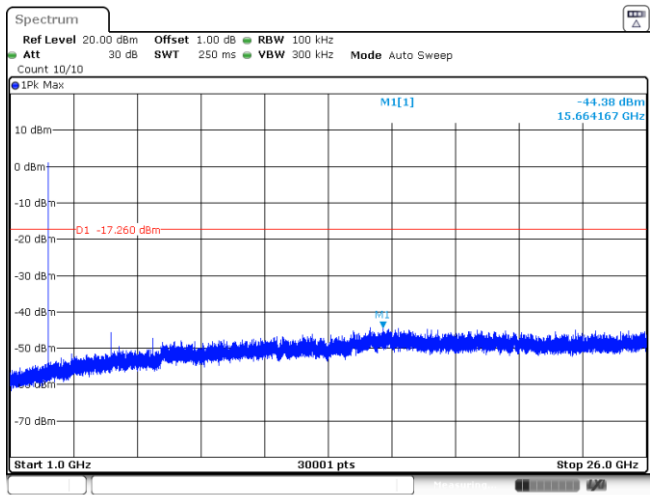


CH39
30MHz~1000MHz



CH39
1GHz~26GHz



<p>CH78 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] 2.74 dBm 2.4801740 GHz CF 2.48 GHz 691 pts Span 30.0 MHz Date: 11.NOV.2020 10:47:41</p>
<p>CH78 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] -52.10 dBm 974.3440 MHz D1 -17.260 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 11.NOV.2020 10:47:57</p>
<p>CH78 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] -44.38 dBm 15.664167 GHz D1 -17.260 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 11.NOV.2020 10:48:13</p>

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