

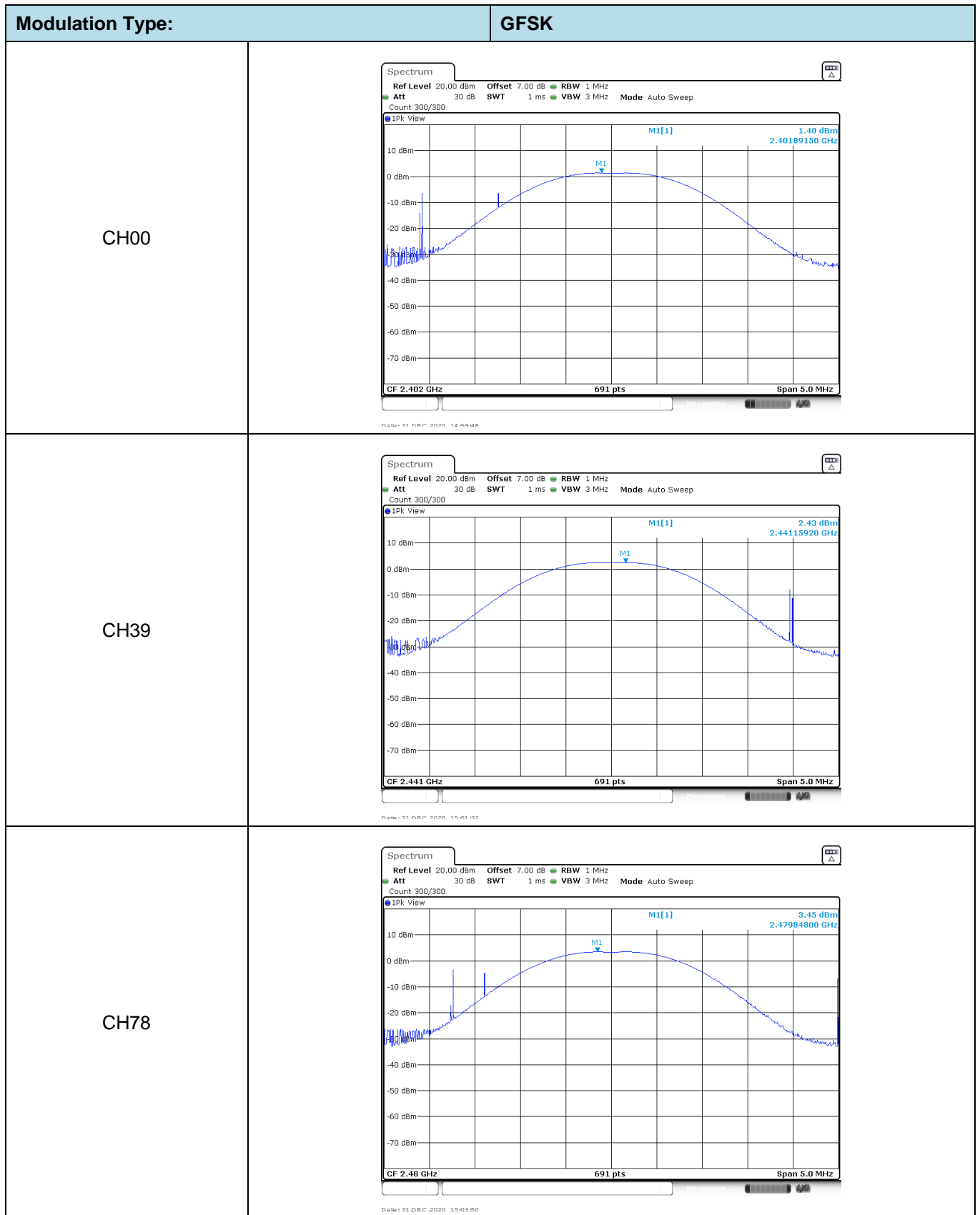
APPENDIX REPORT

Project No.	SHT2012093801EW	Radio Specification	Bluetooth EDR
Test sample No.	b mobile	Model No.	BS30
Start test date	2020-12-31	Finish date	2020-12-31
Temperature	23.4°C	Humidity	34.6%
Test Engineer	Qizhi Zhang	Auditor	Xiaodong Zhu

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	1.40	1.36	≤ 30.00	Pass
	39	2.43	2.41		
	78	3.45	3.42		
$\pi/4$ DQPSK	00	1.36	1.33	≤ 21.00	Pass
	39	2.41	2.39		
	78	3.44	3.41		
8DPSK	00	1.38	1.34	≤ 21.00	Pass
	39	2.42	2.39		
	78	3.48	3.45		



Modulation Type: $\pi/4$ DQPSK	
CH00	<div><div><div><div><div>Spectrum</div><div><div>Ref Level 20.00 dBm</div><div>Att 30 dB</div><div>Count 500/500</div></div><div><div>Offset 7.00 dB</div><div>SWT 1 ms</div></div><div><div>RBW 2 MHz</div><div>VBW 5 MHz</div><div>Mode Auto Sweep</div></div></div></div><div><div><div>1Pk View</div><div><div>M1[1]</div><div>1.36 dBm</div><div>2.40182630 GHz</div></div></div><div><div>10 dBm</div><div>0 dBm</div><div>-10 dBm</div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div><div>-70 dBm</div></div><div><div>CF 2.402 GHz</div><div>691 pts</div><div>Span 5.0 MHz</div></div></div></div><div>Date: 31 Dec 2020 15:06:23</div></div>
CH39	<div><div><div><div><div>Spectrum</div><div><div>Ref Level 20.00 dBm</div><div>Att 30 dB</div><div>Count 500/500</div></div><div><div>Offset 7.00 dB</div><div>SWT 1 ms</div></div><div><div>RBW 2 MHz</div><div>VBW 5 MHz</div><div>Mode Auto Sweep</div></div></div></div><div><div><div>1Pk View</div><div><div>M1[1]</div><div>2.41 dBm</div><div>2.44119540 GHz</div></div></div><div><div>10 dBm</div><div>0 dBm</div><div>-10 dBm</div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div><div>-70 dBm</div></div><div><div>CF 2.441 GHz</div><div>691 pts</div><div>Span 5.0 MHz</div></div></div></div><div>Date: 31 Dec 2020 15:10:28</div></div>
CH78	<div><div><div><div><div>Spectrum</div><div><div>Ref Level 20.00 dBm</div><div>Att 30 dB</div><div>Count 500/500</div></div><div><div>Offset 7.00 dB</div><div>SWT 1 ms</div></div><div><div>RBW 2 MHz</div><div>VBW 5 MHz</div><div>Mode Auto Sweep</div></div></div></div><div><div><div>1Pk View</div><div><div>M1[1]</div><div>3.44 dBm</div><div>2.48016640 GHz</div></div></div><div><div>10 dBm</div><div>0 dBm</div><div>-10 dBm</div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div><div>-70 dBm</div></div><div><div>CF 2.48 GHz</div><div>691 pts</div><div>Span 5.0 MHz</div></div></div></div><div>Date: 31 Dec 2020 15:13:08</div></div>

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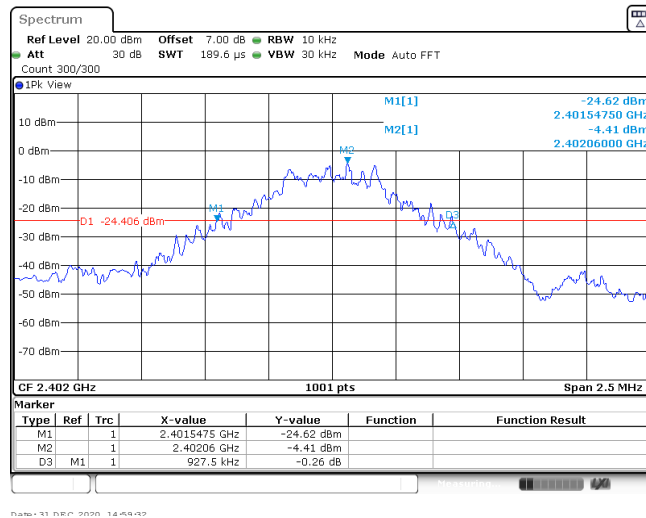
Appendix B : 20 dB Bandwidth

Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	927.50	-	Pass
	39	925.00		
	78	925.00		
$\pi/4$ DQPSK	00	1235.00	-	Pass
	39	1227.50		
	78	1207.50		
8DPSK	00	1242.50	-	Pass
	39	1200.00		
	78	1198.50		

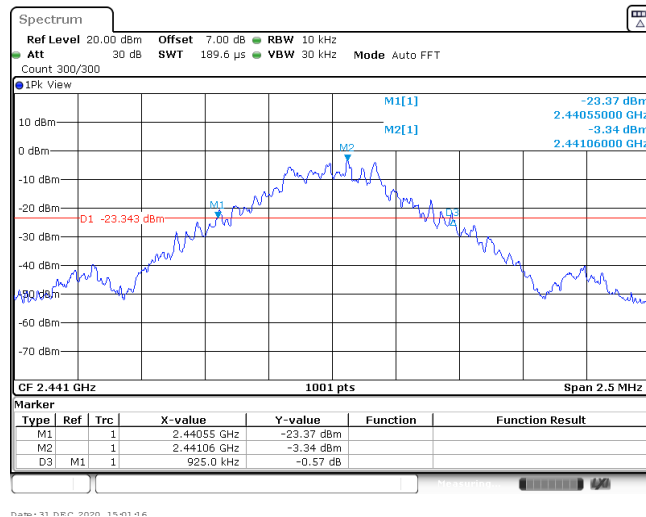
Modulation Type:

GFSK

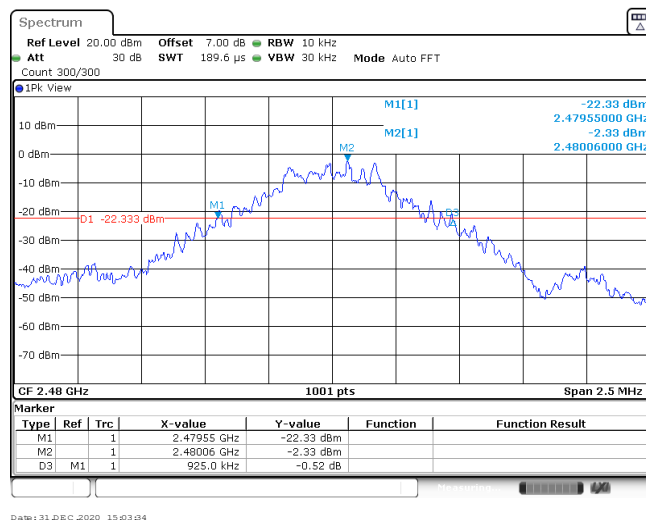
CH00



CH39



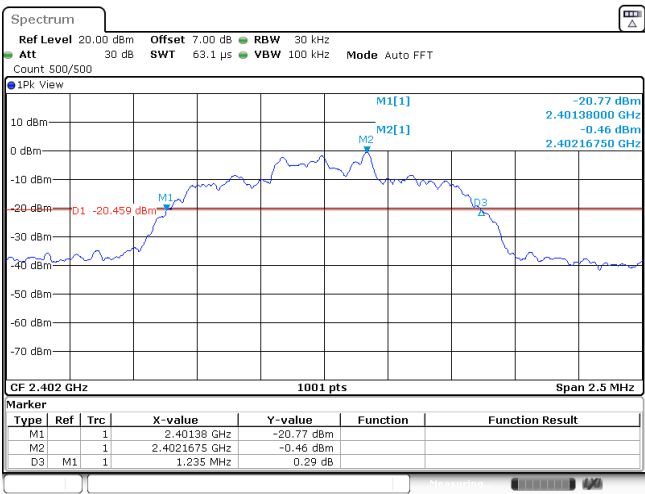
CH78



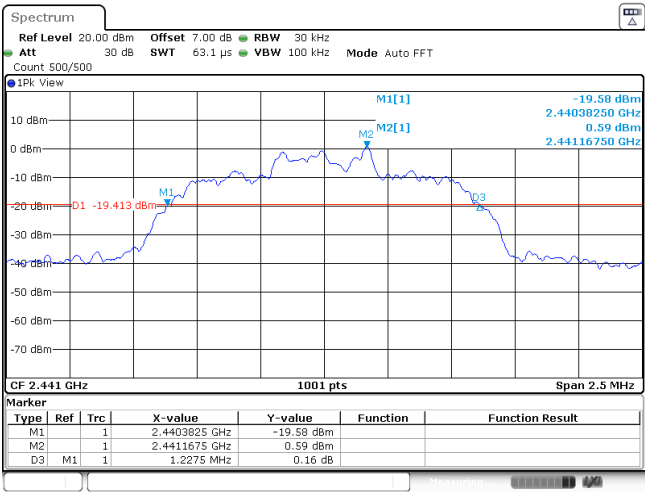
Modulation Type:

$\pi/4$ DQPSK

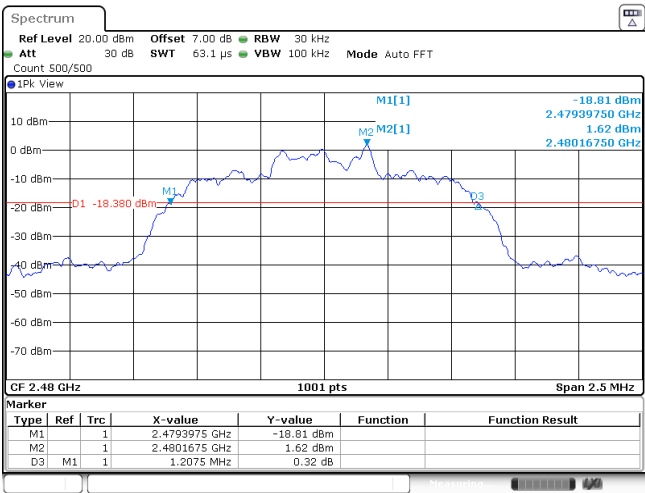
CH00



CH39



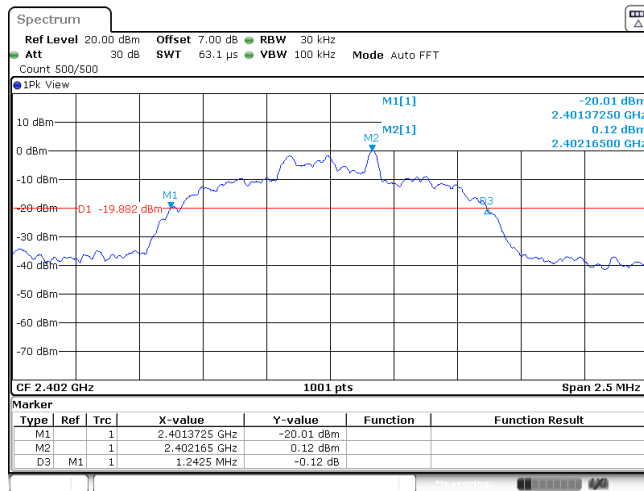
CH78



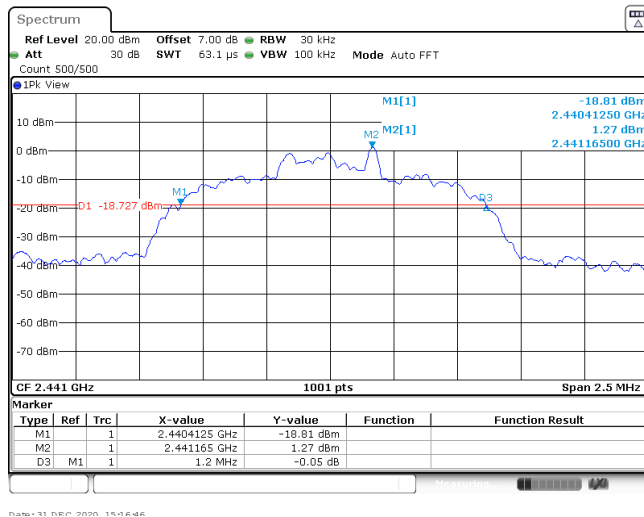
Modulation Type:

8DPSK

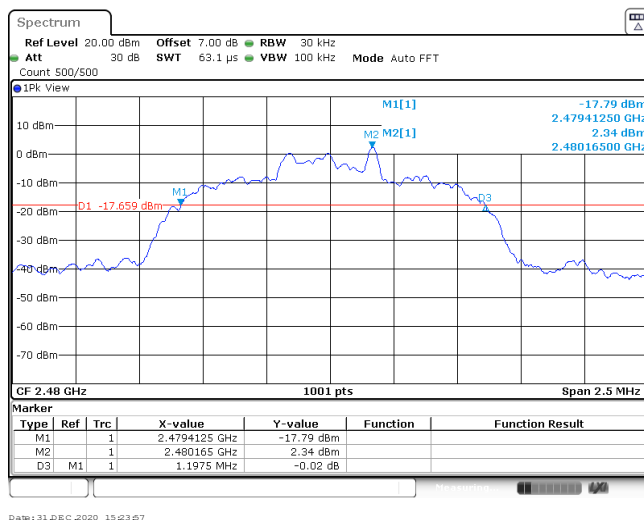
CH00



CH39

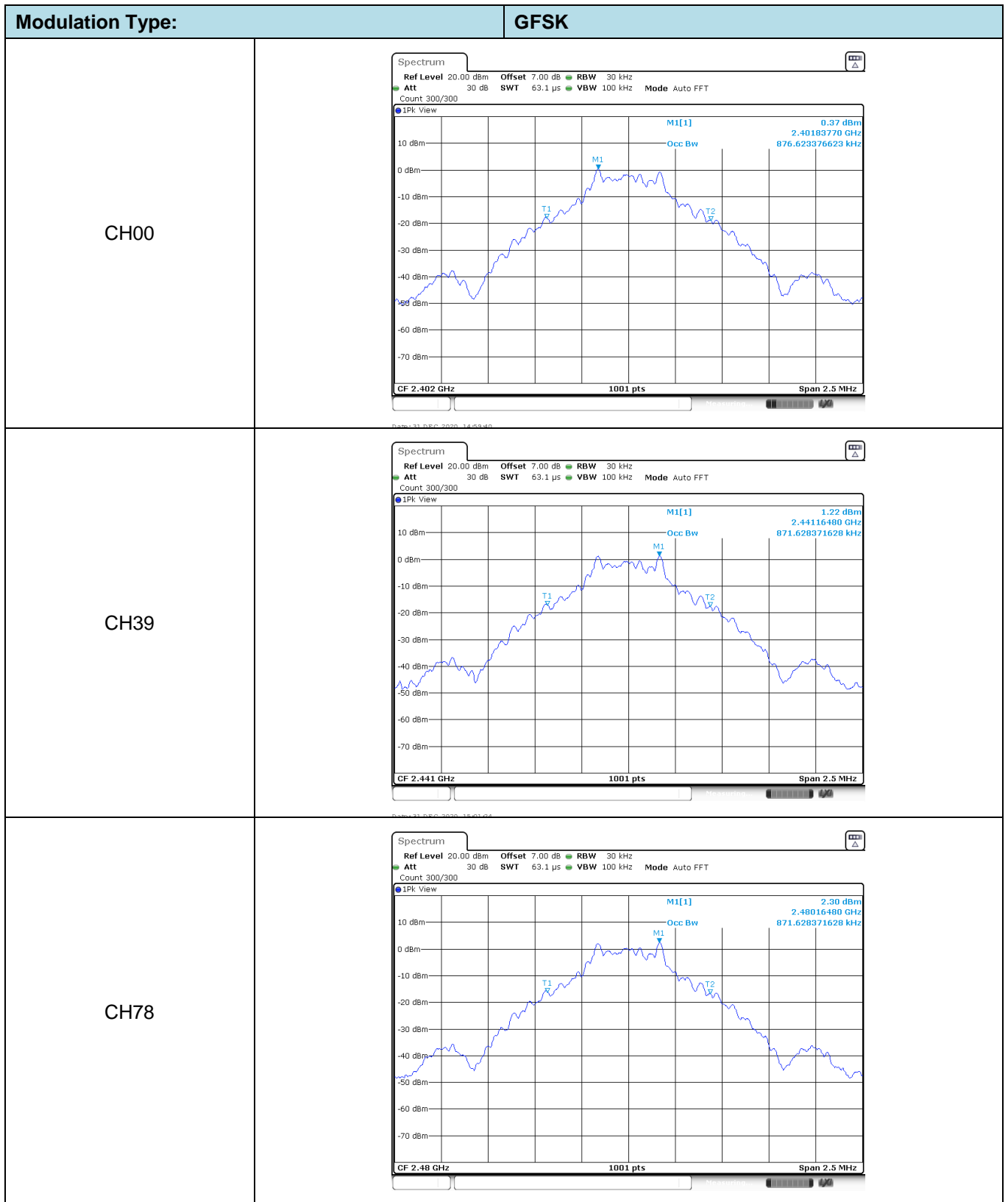


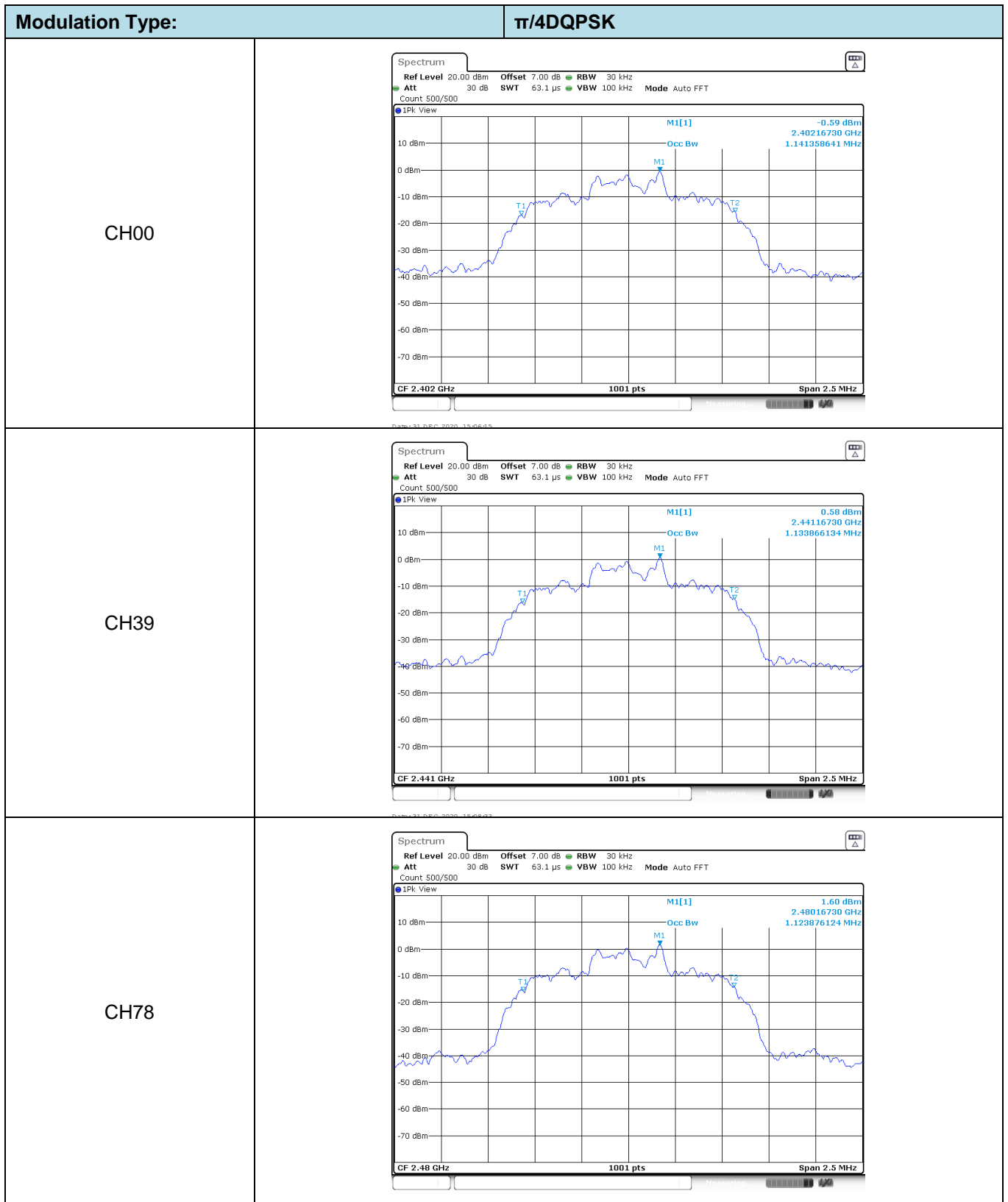
CH78

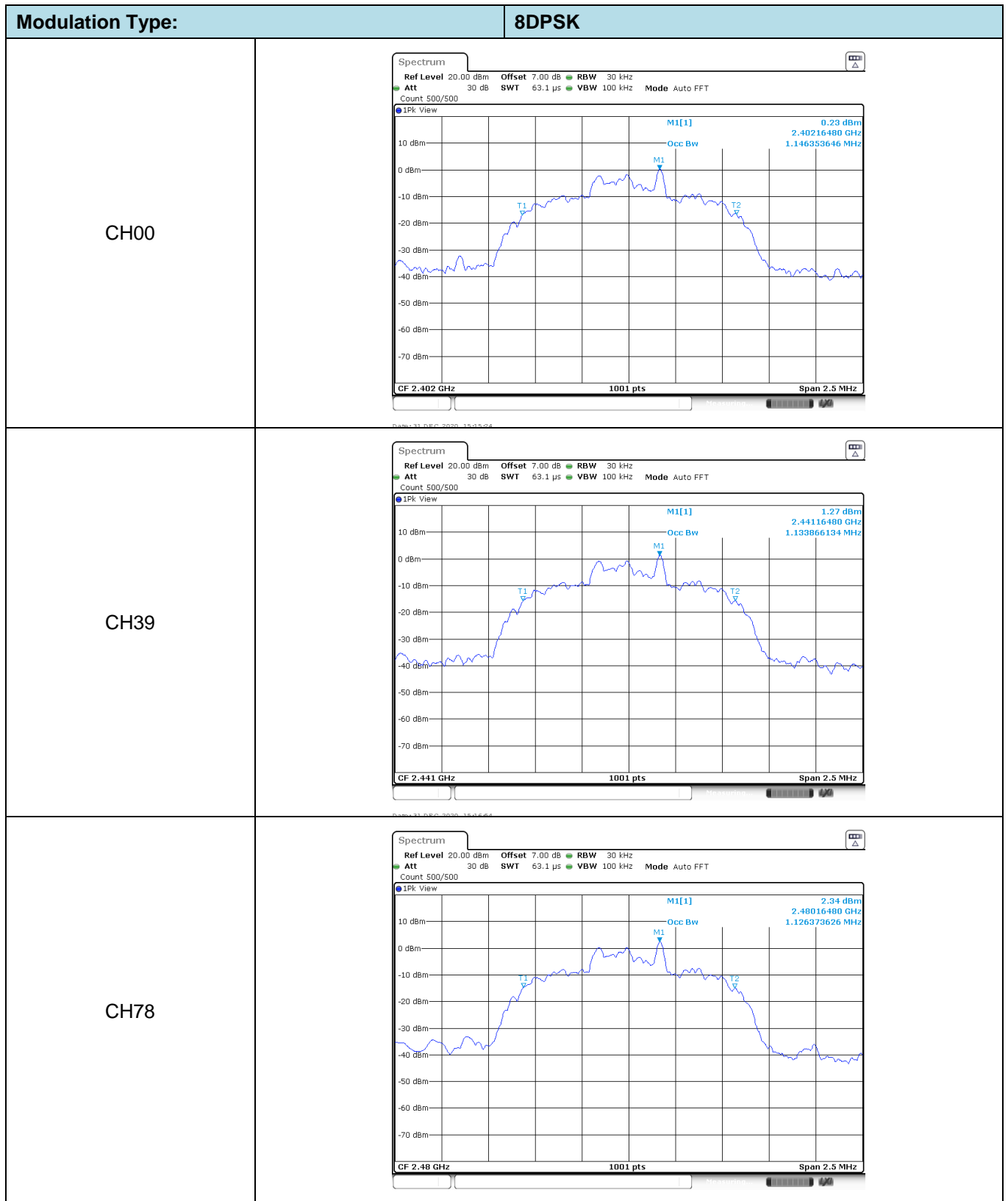


Appendix C: 99% Occupied Bandwidth

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.88	-	Pass
	39	0.87		
	78	0.87		
$\pi/4$ DQPSK	00	1.14	-	Pass
	39	1.13		
	78	1.12		
8DPSK	00	1.15	-	Pass
	39	1.13		
	78	1.13		







Appendix D: Carrier Frequencies Separation

Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥927.50	Pass
π/4DQPSK	39	1.00	≥823.33	Pass
8DPSK	39	1.00	≥828.33	Pass

Note:

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

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

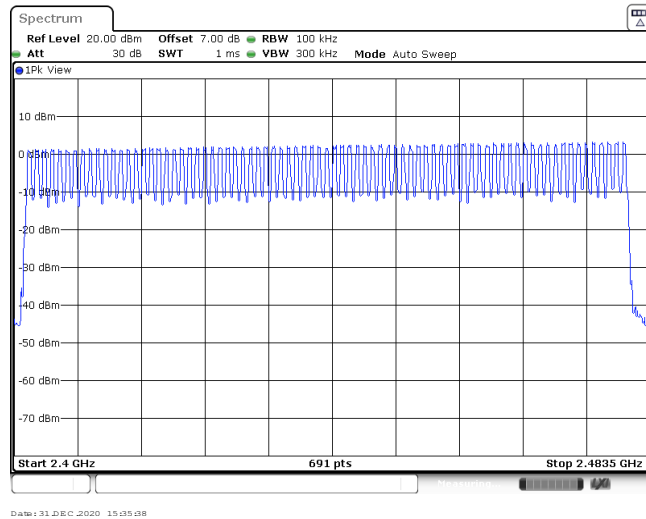
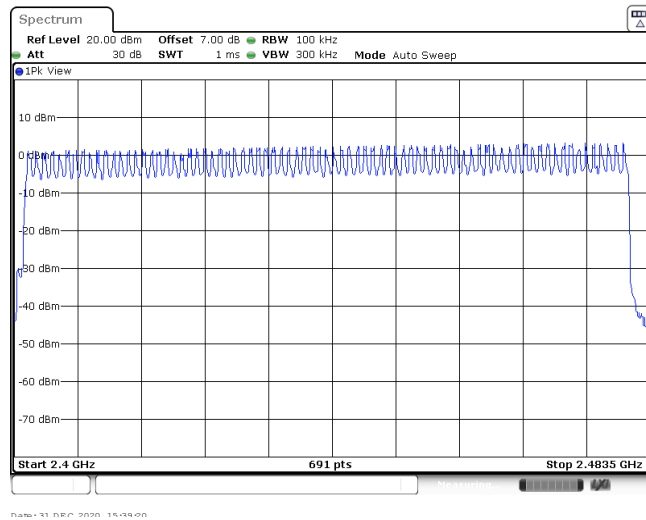
8DPSK limit = $\frac{2}{3}$ * The maximum 20 dB Bandwidth for 8DPSK modulation on the appendix B

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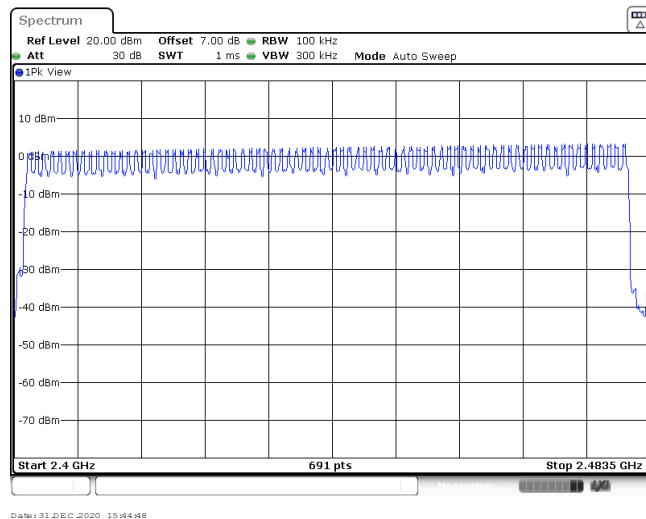
Appendix E: Hopping Channel Number

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

GFSK

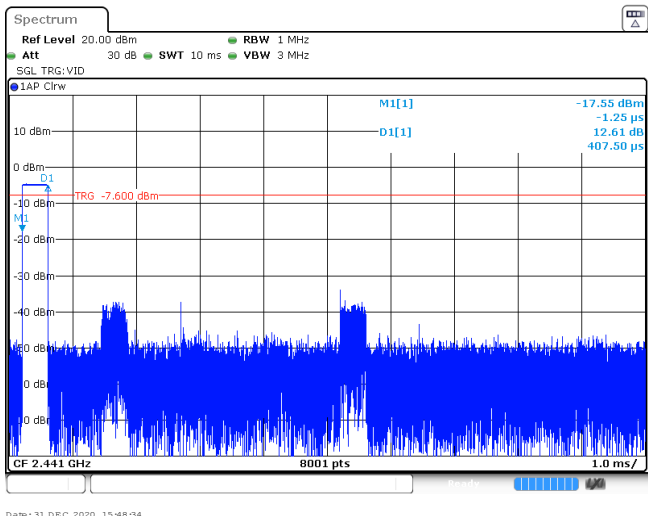
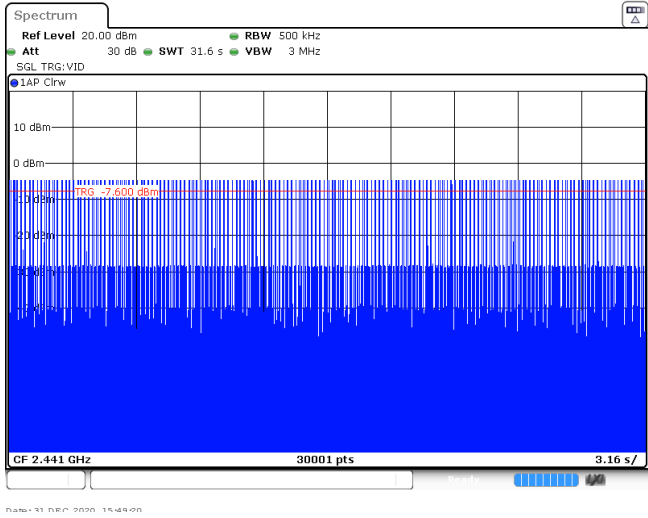
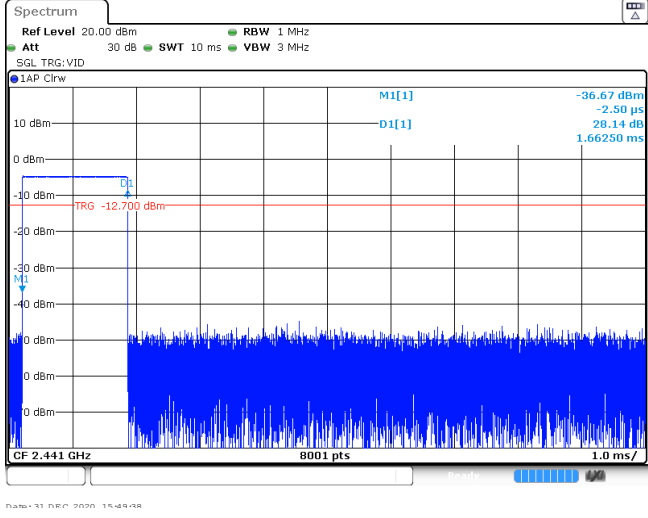
 $\pi/4$ DQPSK

8DPSK

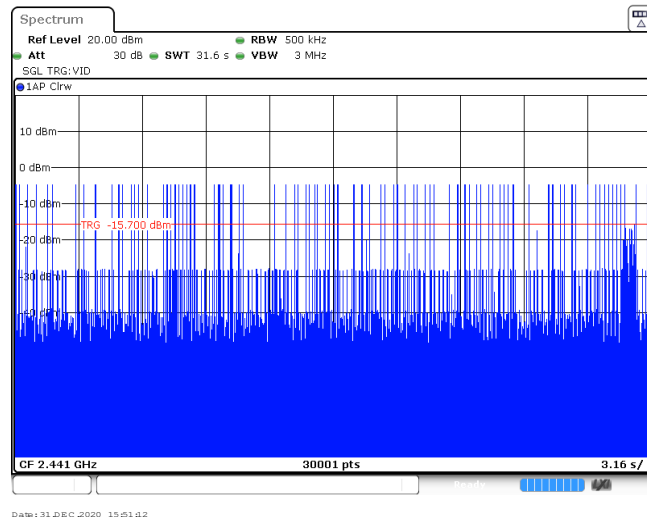


Appendix F: Dwell Time

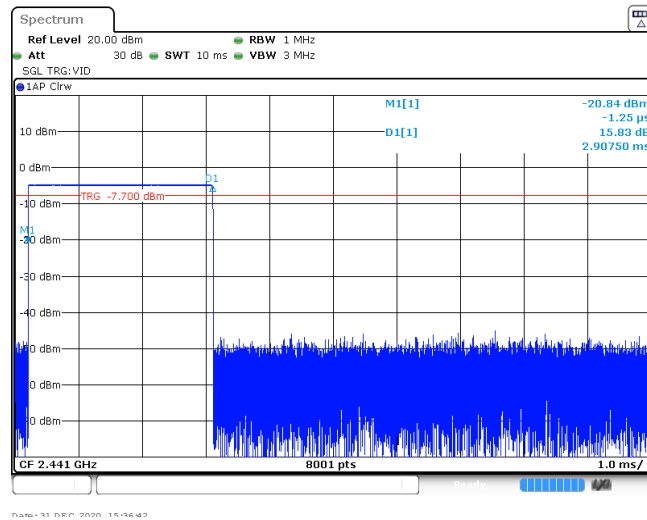
Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.41	319	0.13	≤ 0.40	Pass
	DH3	1.66	109	0.18		
	DH5	2.91	72	0.21		
$\pi/4$ DQPSK	2DH1	0.41	320	0.13	≤ 0.40	Pass
	2DH3	1.66	110	0.18		
	2DH5	2.91	42	0.12		
8DPSK	3DH1	0.41	317	0.13	≤ 0.40	Pass
	3DH3	1.66	102	0.17		
	3DH5	2.91	74	0.22		

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

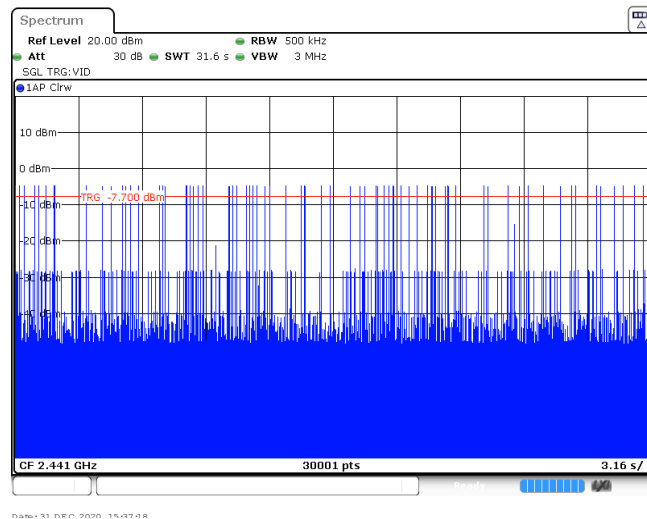
DH3
Burst number



DH5
Burst width

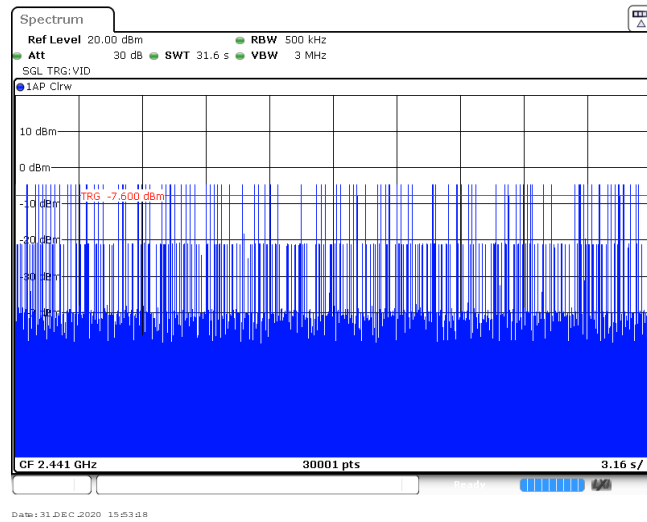


DH5
Burst number

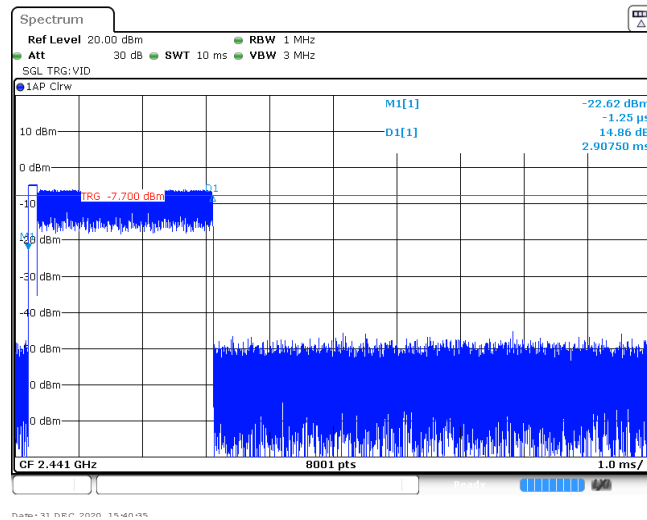


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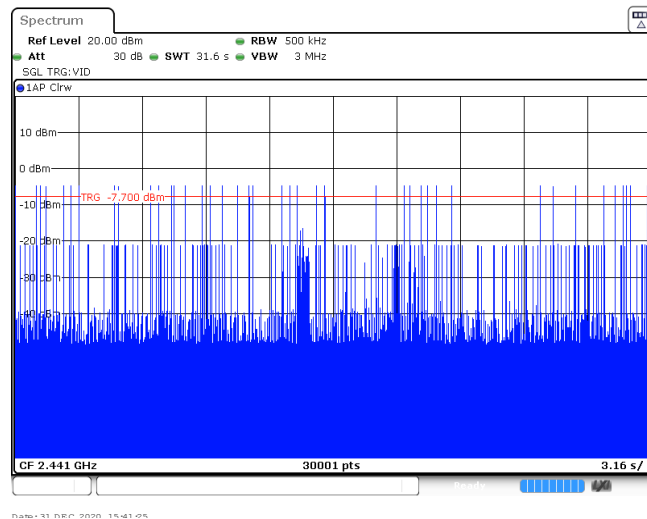
2DH3
Burst number

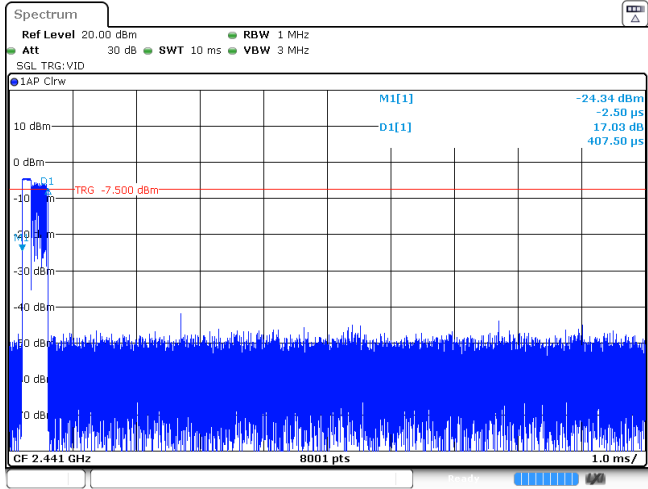
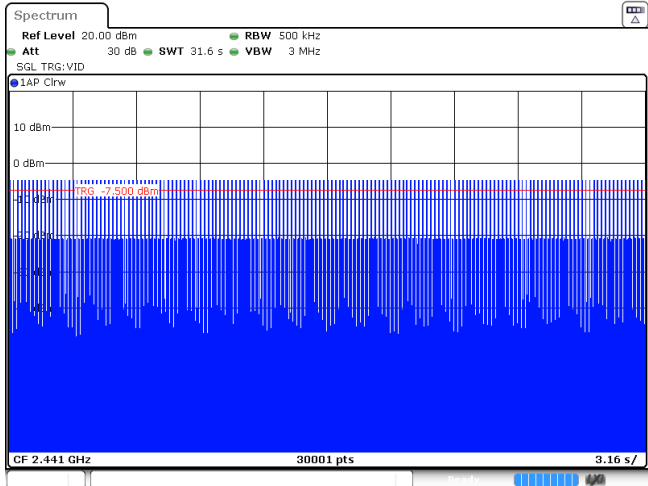
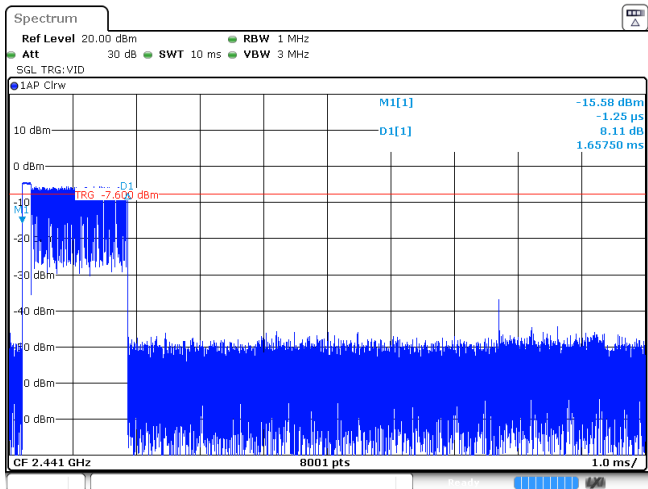


2DH5
Burst width

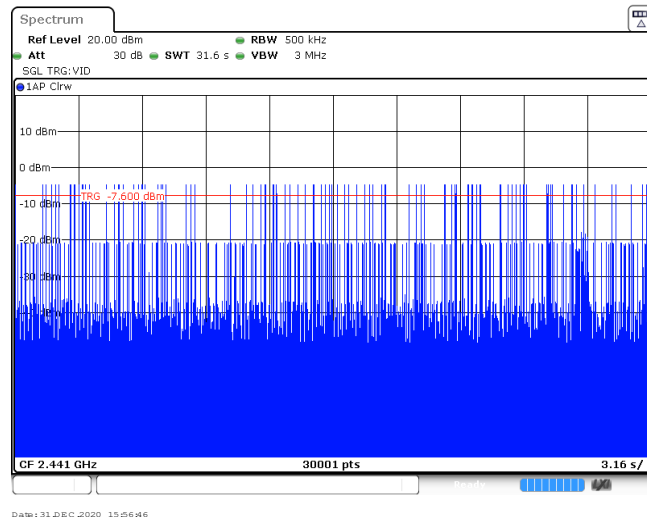


2DH5
Burst number

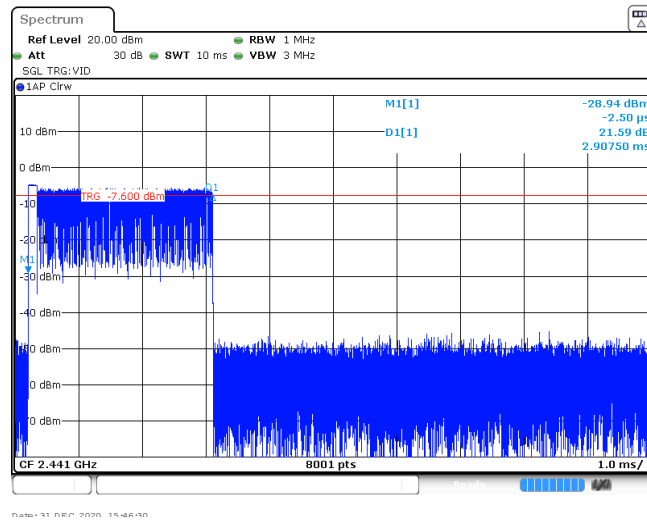


Modulation Type: 8DPSK	
3DH1 Burst width	
3DH1 Burst number	
3DH3 Burst width	

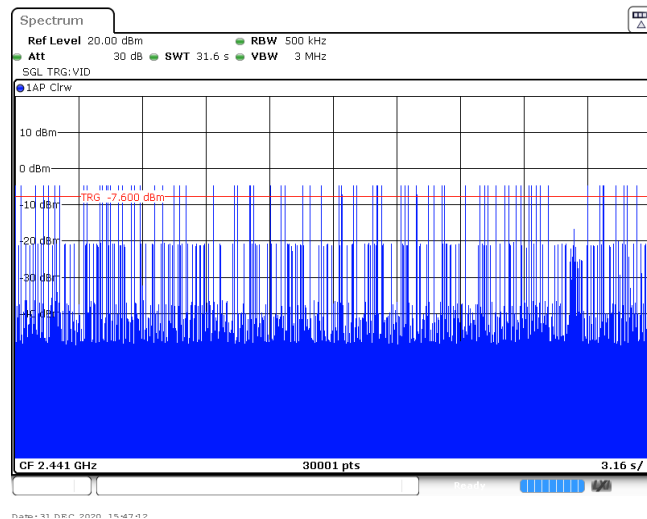
3DH3
Burst number



3DH5
Burst width



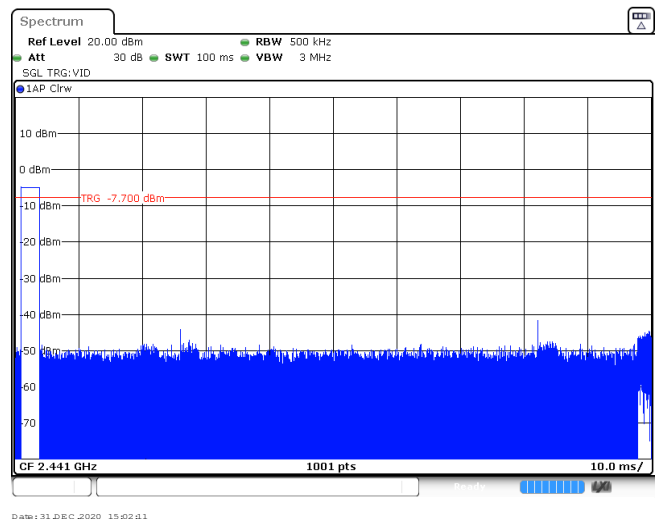
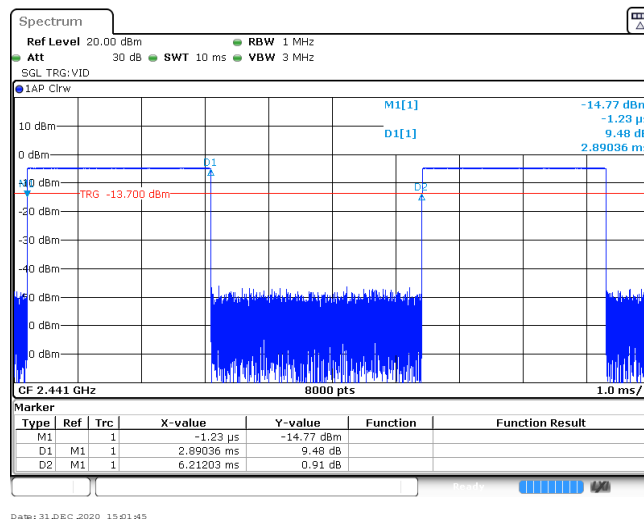
3DH5
Burst number



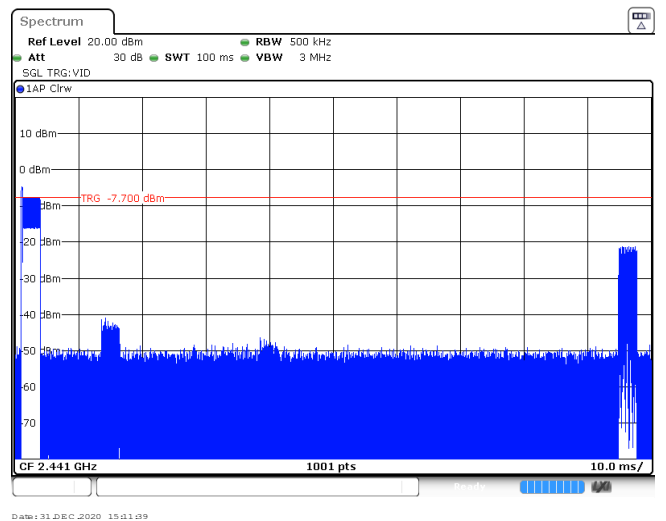
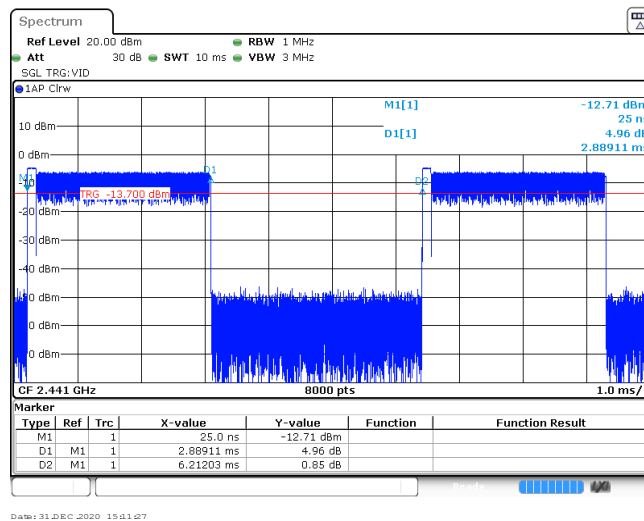
Appendix G: Duty Cycle Correction Factor (DCCF)

DCCF Calculate Formula					
$DCCF = 20 * \text{Log}(\text{duty cycle}) = 20 * \text{Log}(T_{\text{on time}} / T_{\text{period}})$					
Modulation type	Test Frequency (MHz)	$T_{\text{on time}}$ for single burst [ms]	T_{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.89	100	1	-30.78
$\pi/4$ DQPSK	2441	2.89	100	2	-24.76
8DPSK	2441	2.89	100	1	-30.78

GFSK

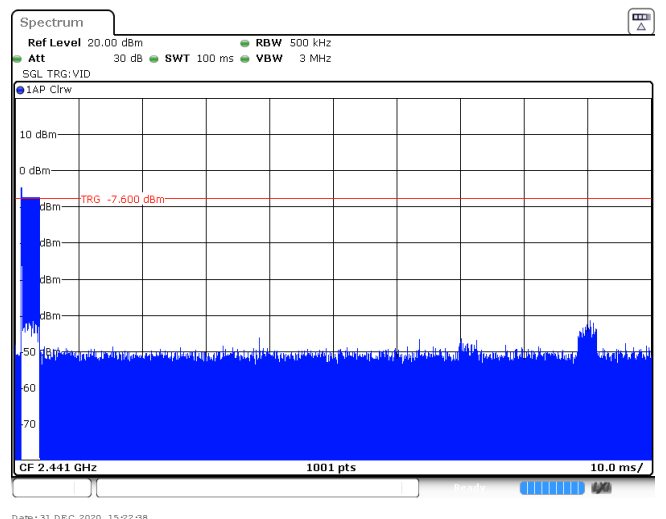
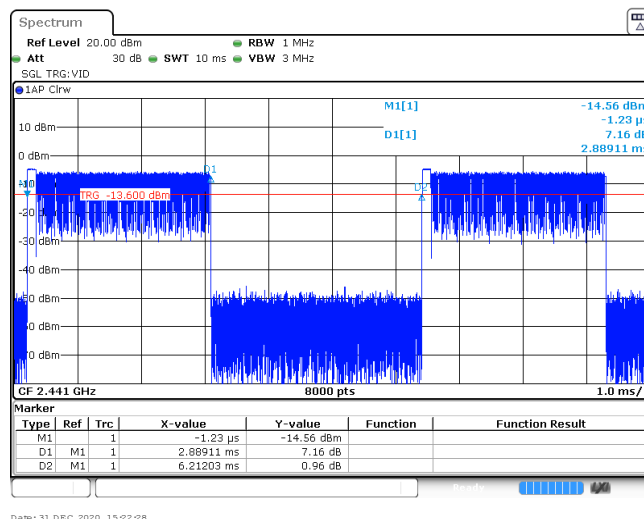
T_{on} time for single burst

Burst Quantity

 $\pi/4$ DQPSKT_{on} time for single burst

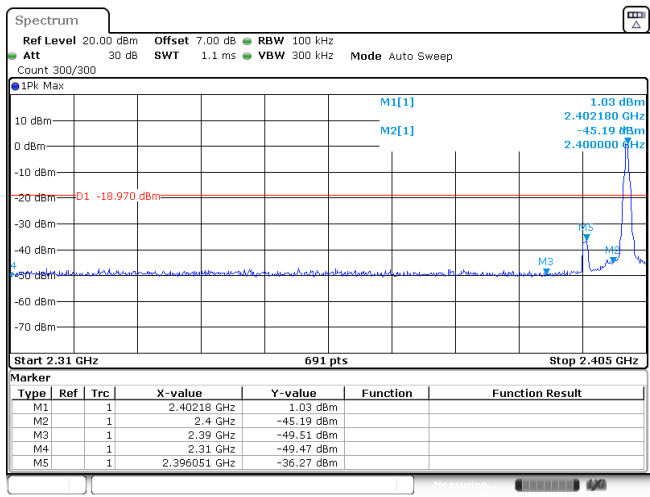
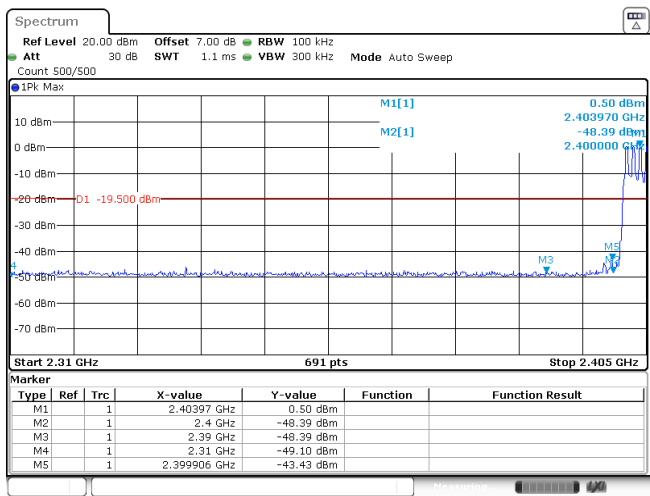
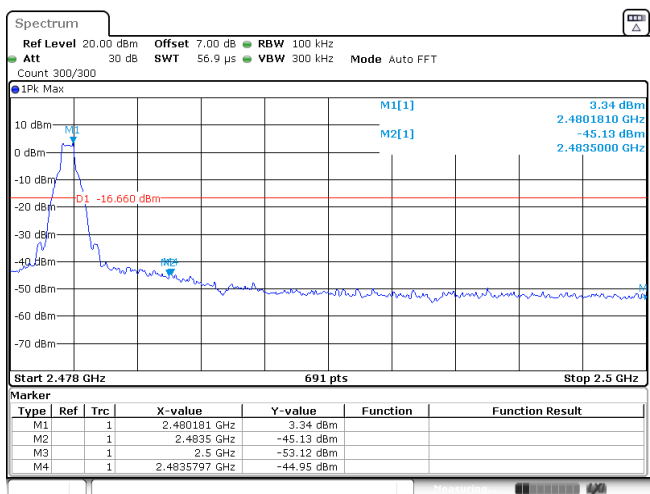
Burst Quantity

8DPSK

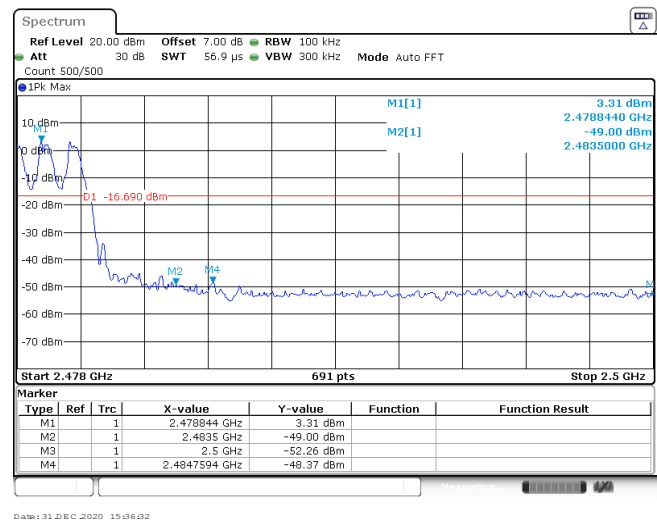
T_{on} time for single burst

Burst Quantity

Appendix H: Band edge and Spurious Emissions (conducted)

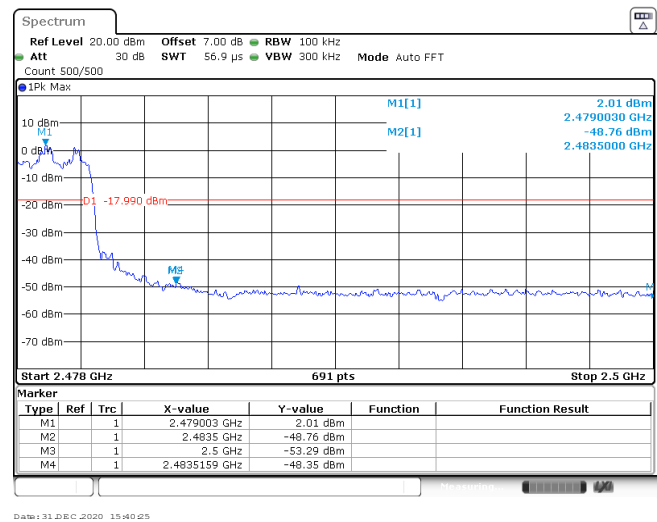
Test Item:	Band edge	Modulation type:	GFSK																																									
CH00 No hopping mode	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 7.00 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 300/300</p> <p>IPk Max</p> <p>10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>Start 2.31 GHz 691 pts Stop 2.405 GHz</p> <p>Marker</p> <table><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><tr><td>M1</td><td>1</td><td></td><td>2.40218 GHz</td><td>1.03 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-45.19 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-49.51 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-49.47 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.396051 GHz</td><td>-36.27 dBm</td><td></td><td></td></tr></table> <p>Date: 31 DEC 2020 15:00:01</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40218 GHz	1.03 dBm			M2	1		2.4 GHz	-45.19 dBm			M3	1		2.39 GHz	-49.51 dBm			M4	1		2.31 GHz	-49.47 dBm			M5	1		2.396051 GHz	-36.27 dBm			
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																						
M1	1		2.40218 GHz	1.03 dBm																																								
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M4	1		2.31 GHz	-49.47 dBm																																								
M5	1		2.396051 GHz	-36.27 dBm																																								
CH00 Hopping mode	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 7.00 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>IPk 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> <p>Marker</p> <table><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><tr><td>M1</td><td>1</td><td></td><td>2.40397 GHz</td><td>0.50 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-48.39 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-48.39 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-49.10 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399906 GHz</td><td>-43.43 dBm</td><td></td><td></td></tr></table> <p>Date: 31 DEC 2020 15:04:08</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40397 GHz	0.50 dBm			M2	1		2.4 GHz	-48.39 dBm			M3	1		2.39 GHz	-48.39 dBm			M4	1		2.31 GHz	-49.10 dBm			M5	1		2.399906 GHz	-43.43 dBm			
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																						
M1	1		2.40397 GHz	0.50 dBm																																								
M2	1		2.4 GHz	-48.39 dBm																																								
M3	1		2.39 GHz	-48.39 dBm																																								
M4	1		2.31 GHz	-49.10 dBm																																								
M5	1		2.399906 GHz	-43.43 dBm																																								
CH78 No hopping mode	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 7.00 dB RBW 100 kHz Att 30 dB SWT 56.9 μs VBW 300 kHz Mode Auto FFT Count 300/300</p> <p>IPk Max</p> <p>10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>Start 2.478 GHz 691 pts Stop 2.5 GHz</p> <p>Marker</p> <table><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><tr><td>M1</td><td>1</td><td></td><td>2.480181 GHz</td><td>3.34 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-45.13 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-53.12 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4835797 GHz</td><td>-44.95 dBm</td><td></td><td></td></tr></table> <p>Date: 31 DEC 2020 15:04:03</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.480181 GHz	3.34 dBm			M2	1		2.4835 GHz	-45.13 dBm			M3	1		2.5 GHz	-53.12 dBm			M4	1		2.4835797 GHz	-44.95 dBm										
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																						
M1	1		2.480181 GHz	3.34 dBm																																								
M2	1		2.4835 GHz	-45.13 dBm																																								
M3	1		2.5 GHz	-53.12 dBm																																								
M4	1		2.4835797 GHz	-44.95 dBm																																								

CH78
Hopping mode



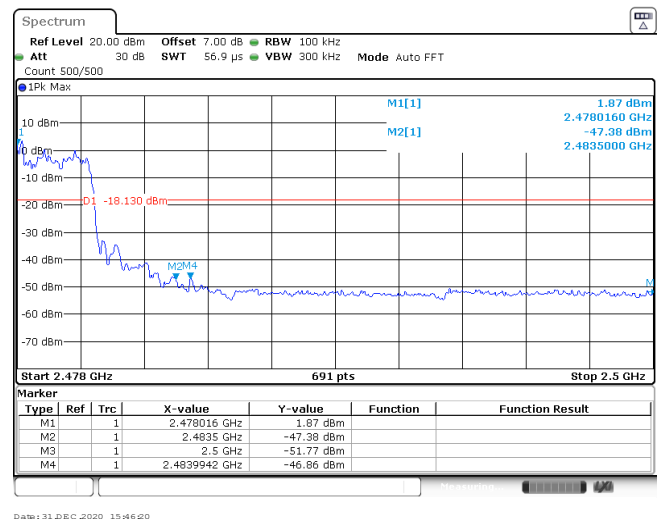
Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
CH00 No hopping mode	<div><div>Spectrum</div><div><div>Ref Level 20.00 dBm</div><div>Offset 7.00 dB</div><div>RBW 100 kHz</div><div>Att 30 dB</div><div>SWT 1.1 ms</div><div>VBW 300 kHz</div><div>Mode Auto Sweep</div><div>Count 500/500</div></div><div><div>1Pk Max</div><div><div><div>10 dBm</div><div>0 dBm</div><div>-10 dBm</div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div><div>-70 dBm</div></div><div><div>M1[1]</div><div>M2[1]</div><div>M3</div><div>M4</div><div>M5</div></div><div><div>1.02 dBm</div><div>2.402180 GHz</div><div>-43.53 dBm</div><div>2.400000 GHz</div><div>-49.47 dBm</div><div>2.399493 GHz</div></div></div><div><div>D1 -18.980 dBm</div></div><div><div>Start 2.31 GHz</div><div>691 pts</div><div>Stop 2.405 GHz</div></div><div><div>Marker</div><table><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>2.40218 GHz</td><td>1.02 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-43.53 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-49.47 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-49.47 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399493 GHz</td><td>-31.20 dBm</td><td></td><td></td></tr></tbody></table></div></div><div>Date: 31 DEC 2020 15:07:48</div></div>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40218 GHz	1.02 dBm			M2	1		2.4 GHz	-43.53 dBm			M3	1		2.39 GHz	-49.47 dBm			M4	1		2.31 GHz	-49.47 dBm			M5	1		2.399493 GHz	-31.20 dBm		
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CH00 Hopping mode	<div><div>Spectrum</div><div><div>Ref Level 20.00 dBm</div><div>Offset 7.00 dB</div><div>RBW 100 kHz</div><div>Att 30 dB</div><div>SWT 1.1 ms</div><div>VBW 300 kHz</div><div>Mode Auto Sweep</div><div>Count 500/500</div></div><div><div>1Pk Max</div><div><div><div>10 dBm</div><div>0 dBm</div><div>-10 dBm</div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div><div>-70 dBm</div></div><div><div>M1[1]</div><div>M2[1]</div><div>M3</div><div>M4</div><div>M5</div></div><div><div>1.00 dBm</div><div>2.404240 GHz</div><div>-47.69 dBm</div><div>2.400000 GHz</div><div>-49.02 dBm</div><div>2.399906 GHz</div></div></div><div><div>D1 -19.000 dBm</div></div><div><div>Start 2.31 GHz</div><div>691 pts</div><div>Stop 2.405 GHz</div></div><div><div>Marker</div><table><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>2.40424 GHz</td><td>1.00 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-47.69 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-49.02 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-48.95 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399906 GHz</td><td>-45.20 dBm</td><td></td><td></td></tr></tbody></table></div></div><div>Date: 31 DEC 2020 15:13:46</div></div>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40424 GHz	1.00 dBm			M2	1		2.4 GHz	-47.69 dBm			M3	1		2.39 GHz	-49.02 dBm			M4	1		2.31 GHz	-48.95 dBm			M5	1		2.399906 GHz	-45.20 dBm		
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CH78 No hopping mode	<div><div>Spectrum</div><div><div>Ref Level 20.00 dBm</div><div>Offset 7.00 dB</div><div>RBW 100 kHz</div><div>Att 30 dB</div><div>SWT 56.9 μs</div><div>VBW 300 kHz</div><div>Mode Auto FFT</div><div>Count 500/500</div></div><div><div>1Pk Max</div><div><div><div>10 dBm</div><div>0 dBm</div><div>-10 dBm</div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div><div>-70 dBm</div></div><div><div>M1[1]</div><div>M2[1]</div><div>M3</div><div>M4</div></div><div><div>3.29 dBm</div><div>2.4801810 GHz</div><div>-47.16 dBm</div><div>2.4835000 GHz</div><div>-54.55 dBm</div><div>2.4835000 GHz</div></div></div><div><div>D1 -16.710 dBm</div></div><div><div>Start 2.478 GHz</div><div>691 pts</div><div>Stop 2.5 GHz</div></div><div><div>Marker</div><table><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>2.480181 GHz</td><td>3.29 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-47.16 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-54.55 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4835478 GHz</td><td>-46.18 dBm</td><td></td><td></td></tr></tbody></table></div></div><div>Date: 31 DEC 2020 15:13:21</div></div>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.480181 GHz	3.29 dBm			M2	1		2.4835 GHz	-47.16 dBm			M3	1		2.5 GHz	-54.55 dBm			M4	1		2.4835478 GHz	-46.18 dBm									
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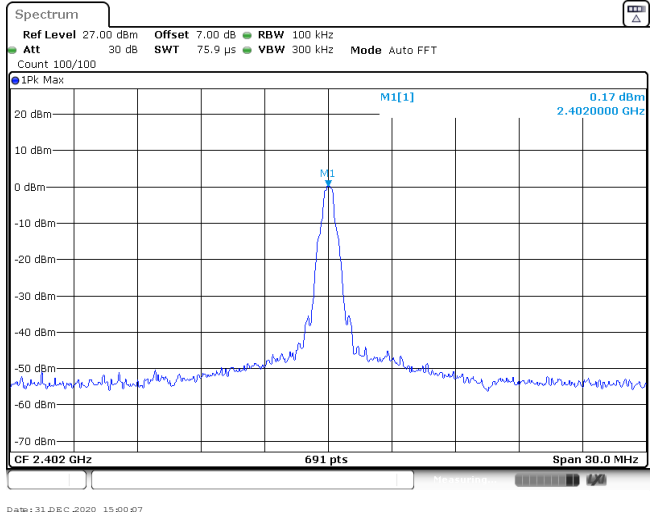
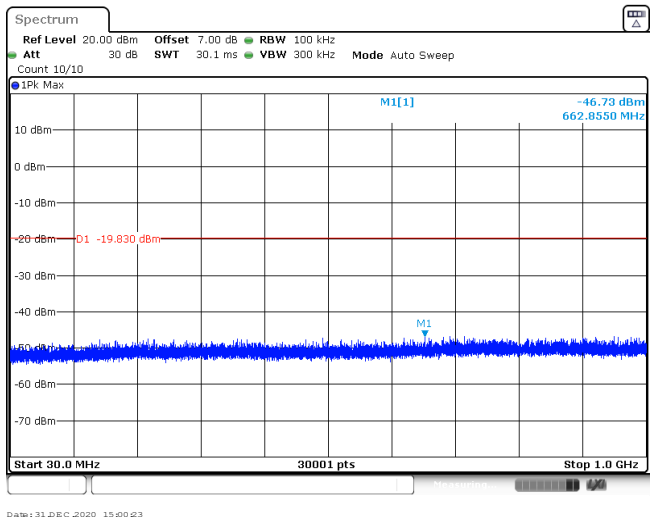
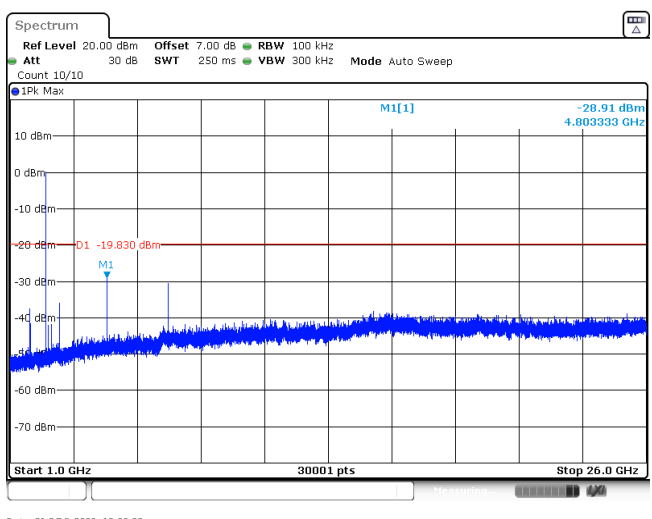
CH78
Hopping mode



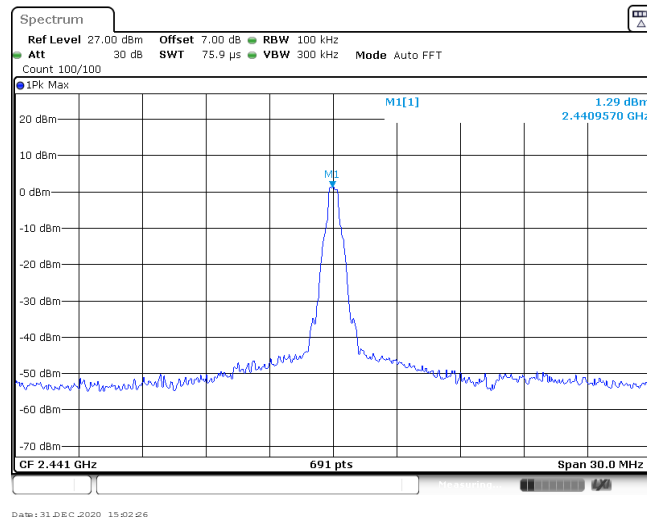
Test Item:	Band edge	Modulation type:	8DPSK																																										
CH00 No hopping mode	<div><div>Spectrum</div><div><div>Ref Level 20.00 dBm Att 30 dB Count 500/500</div><div>Offset 7.00 dB SWT 1.1 ms RBW 100 kHz VBW 300 kHz Mode Auto Sweep</div></div><div><div>1Pk Max</div><div><div><div>10 dBm</div><div>0 dBm</div><div>-10 dBm</div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div><div>-70 dBm</div></div><div><div>M1[1]</div><div>M2[1]</div><div>M3</div><div>M4</div><div>M5</div></div><div><div>1.04 dBm</div><div>2.402180 GHz</div><div>-41.29 dBm</div><div>2.400000 GHz</div><div>-40.62 dBm</div></div></div><div><div>D1 -18.960 dBm</div></div><div><div>Start 2.31 GHz</div><div>691 pts</div><div>Stop 2.405 GHz</div></div><div><div>Marker</div><table><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>2.40218 GHz</td><td>1.04 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-41.29 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-50.12 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-49.49 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399906 GHz</td><td>-40.62 dBm</td><td></td><td></td></tr></tbody></table></div></div></div>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40218 GHz	1.04 dBm			M2	1		2.4 GHz	-41.29 dBm			M3	1		2.39 GHz	-50.12 dBm			M4	1		2.31 GHz	-49.49 dBm			M5	1		2.399906 GHz	-40.62 dBm		
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CH00 Hopping mode	<div><div>Spectrum</div><div><div>Ref Level 20.00 dBm Att 30 dB Count 500/500</div><div>Offset 7.00 dB SWT 1.1 ms RBW 100 kHz VBW 300 kHz Mode Auto Sweep</div></div><div><div>1Pk Max</div><div><div><div>10 dBm</div><div>0 dBm</div><div>-10 dBm</div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div><div>-70 dBm</div></div><div><div>M1[1]</div><div>M2[1]</div><div>M3</div><div>M4</div><div>M5</div></div><div><div>1.14 dBm</div><div>2.403830 GHz</div><div>-45.15 dBm</div><div>2.400000 GHz</div><div>-44.43 dBm</div></div></div><div><div>D1 -18.860 dBm</div></div><div><div>Start 2.31 GHz</div><div>691 pts</div><div>Stop 2.405 GHz</div></div><div><div>Marker</div><table><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>2.40383 GHz</td><td>1.14 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-45.15 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-49.08 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-48.06 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399768 GHz</td><td>-44.43 dBm</td><td></td><td></td></tr></tbody></table></div></div></div>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40383 GHz	1.14 dBm			M2	1		2.4 GHz	-45.15 dBm			M3	1		2.39 GHz	-49.08 dBm			M4	1		2.31 GHz	-48.06 dBm			M5	1		2.399768 GHz	-44.43 dBm		
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CH78 No hopping mode	<div><div>Spectrum</div><div><div>Ref Level 20.00 dBm Att 30 dB Count 500/500</div><div>Offset 7.00 dB SWT 56.9 μs RBW 100 kHz VBW 300 kHz Mode Auto FFT</div></div><div><div>1Pk Max</div><div><div><div>10 dBm</div><div>0 dBm</div><div>-10 dBm</div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div><div>-70 dBm</div></div><div><div>M1[1]</div><div>M2[1]</div><div>M3</div><div>M4</div></div><div><div>3.39 dBm</div><div>2.4801810 GHz</div><div>-44.65 dBm</div><div>2.4835000 GHz</div><div>-36.34 dBm</div></div></div><div><div>D1 -16.610 dBm</div></div><div><div>Start 2.478 GHz</div><div>691 pts</div><div>Stop 2.5 GHz</div></div><div><div>Marker</div><table><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>2.480181 GHz</td><td>3.39 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-44.65 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-53.02 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4856841 GHz</td><td>-36.34 dBm</td><td></td><td></td></tr></tbody></table></div></div></div>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.480181 GHz	3.39 dBm			M2	1		2.4835 GHz	-44.65 dBm			M3	1		2.5 GHz	-53.02 dBm			M4	1		2.4856841 GHz	-36.34 dBm									
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CH78
Hoppig mode

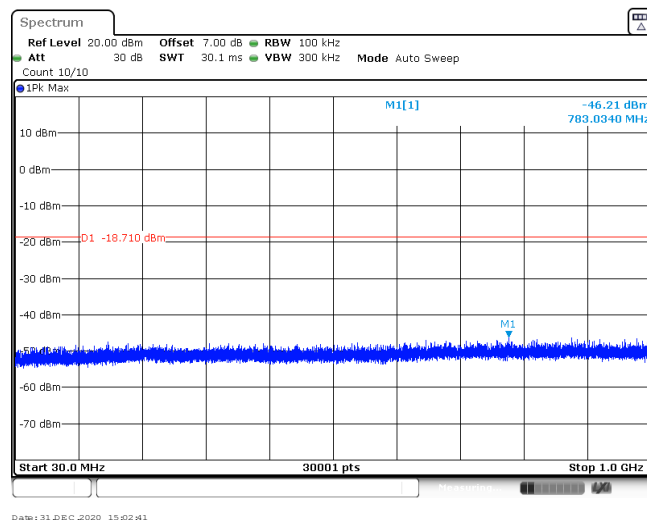


Test Item:	Spurious Emission	Modulation type:	GFSK
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CH00 1GHz~26GHz			

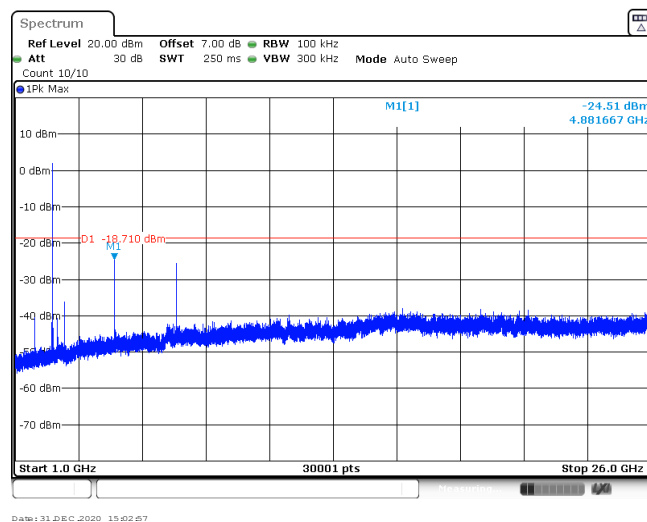
CH39
Reference level



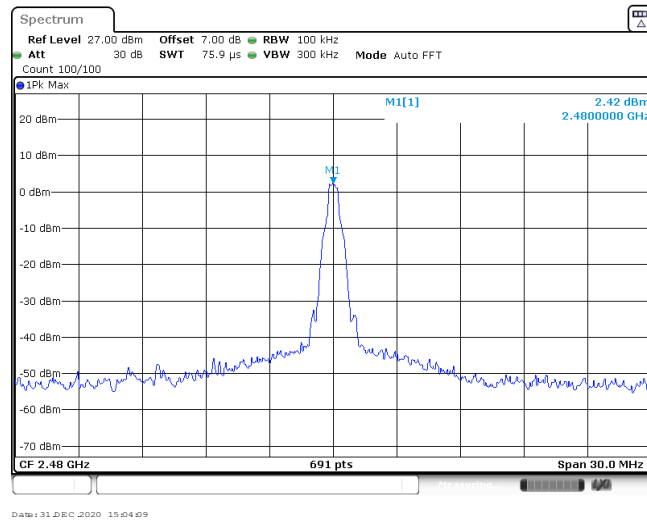
CH39
30MHz~1000MHz



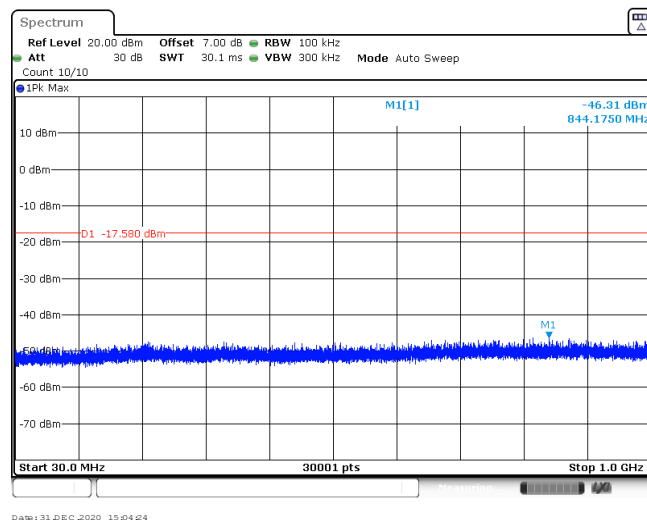
CH39
1GHz~26GHz



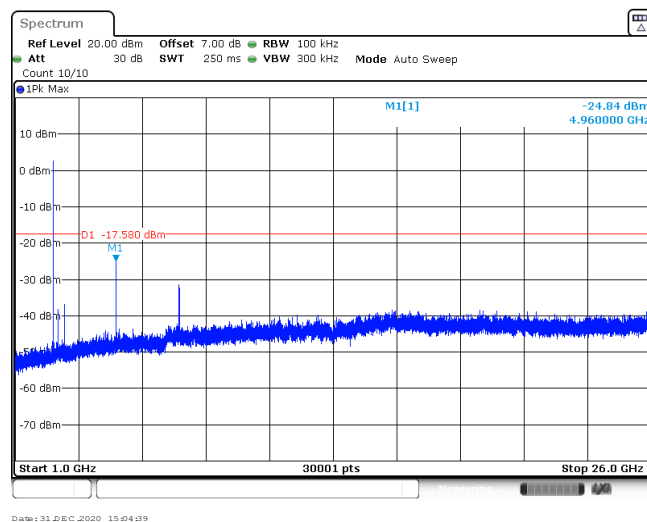
CH78
Reference level

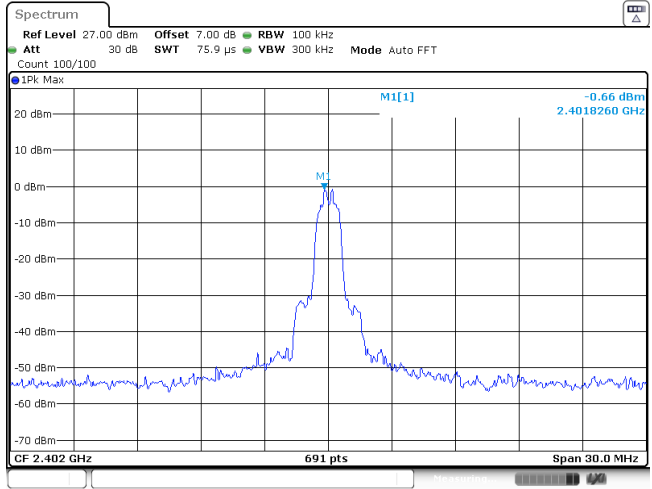
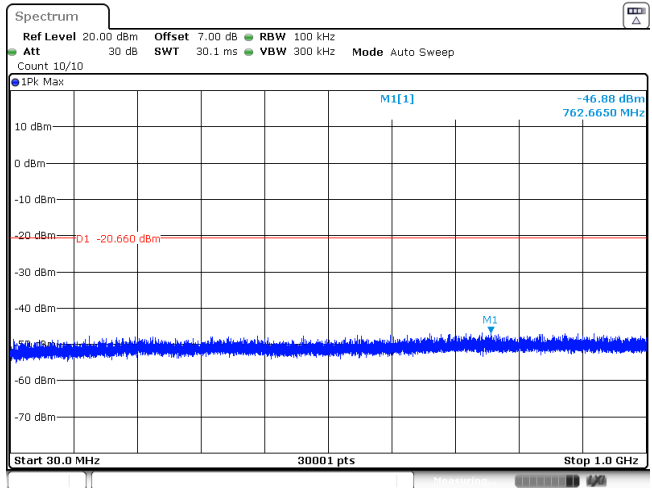
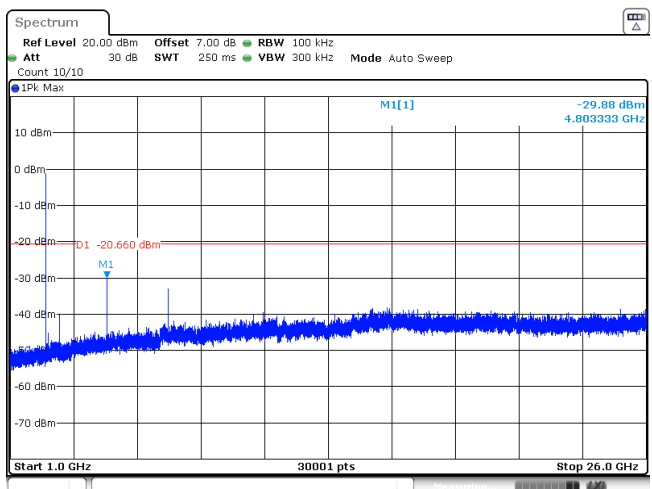


CH78
30MHz~1000MHz

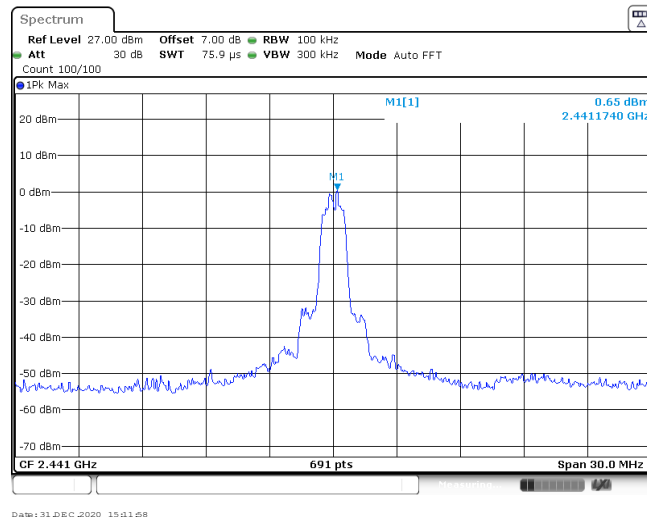


CH78
1GHz~26GHz

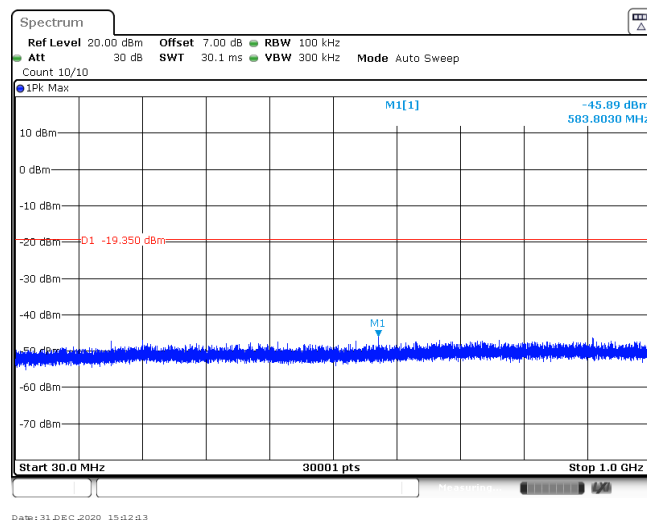


Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
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CH00 1GHz~26GHz			

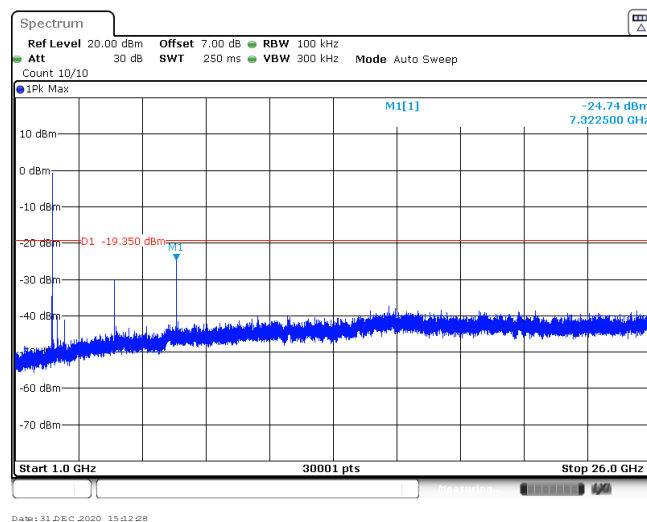
CH39
Reference level



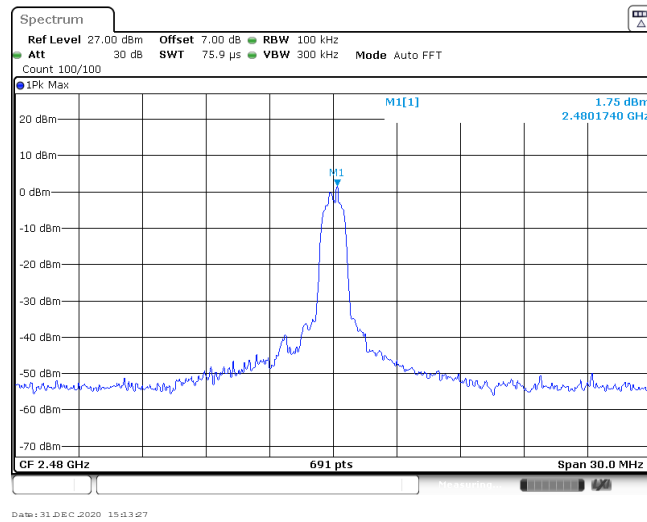
CH39
30MHz~1000MHz



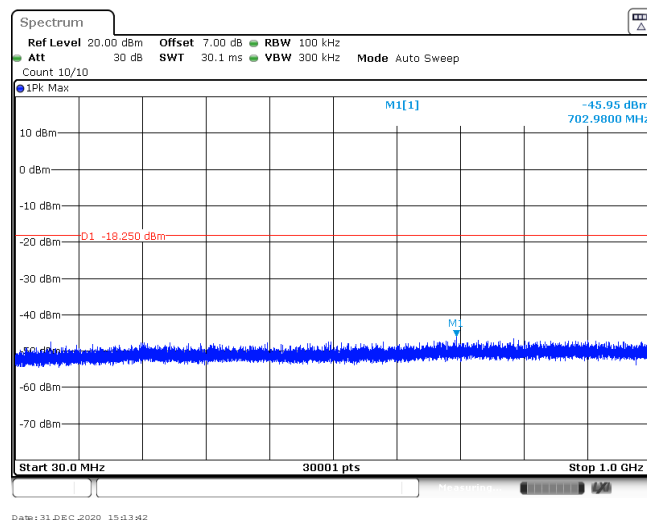
CH39
1GHz~26GHz



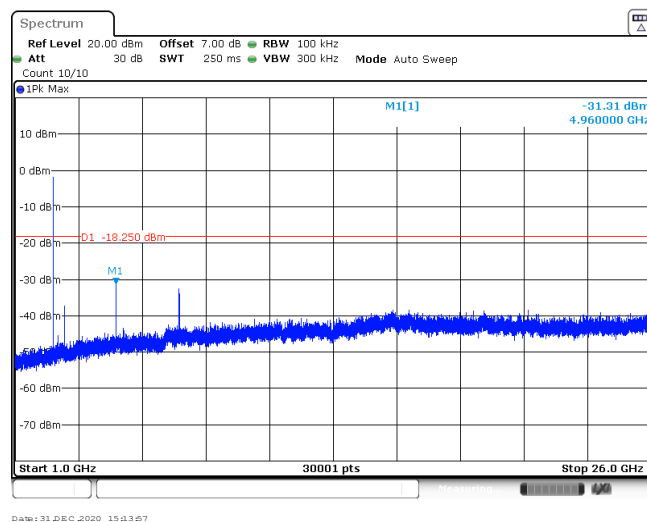
CH78
Reference level

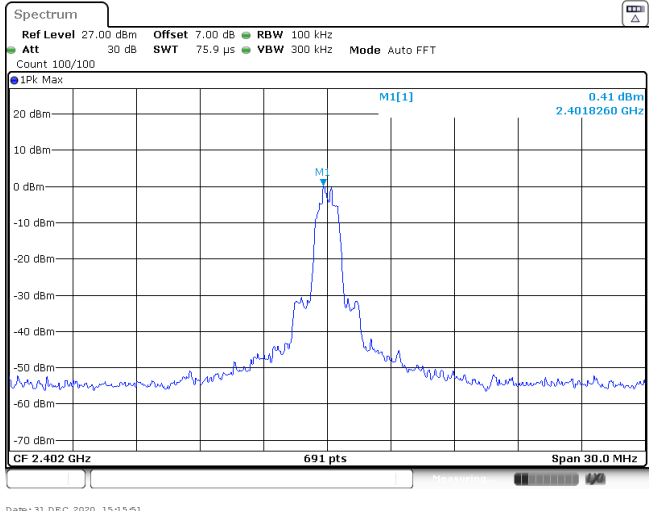
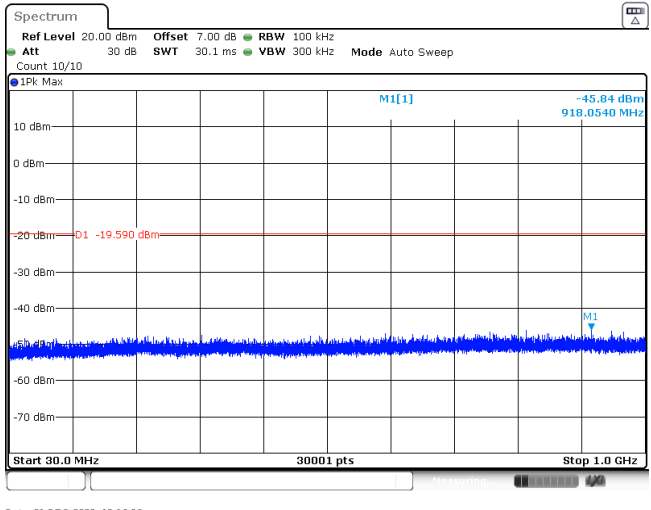
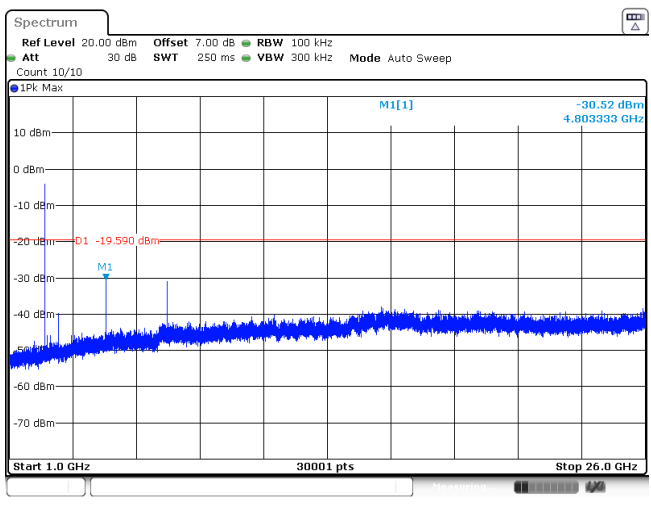


CH78
30MHz~1000MHz

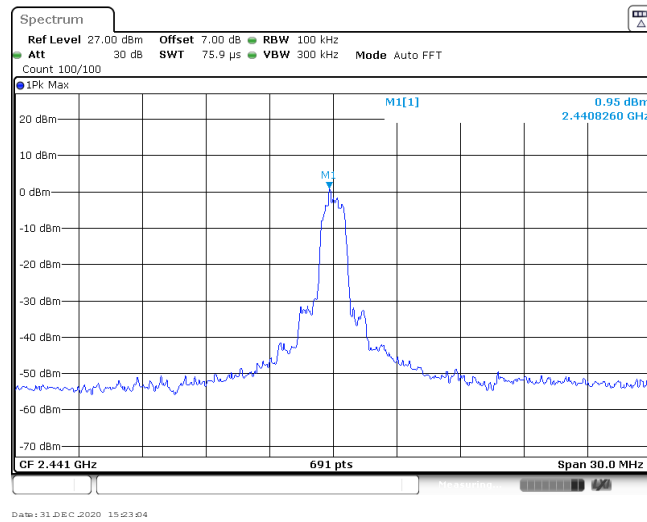


CH78
1GHz~26GHz

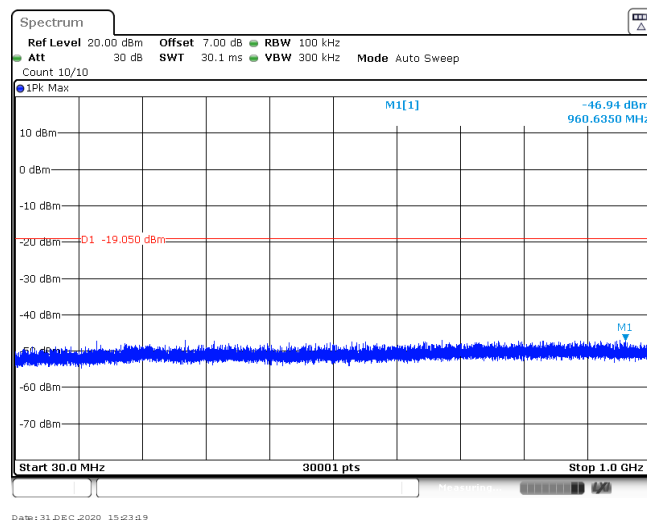


Test Item:	Spurious Emission	Modulation type:	8DPSK
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CH00 1GHz~26GHz			

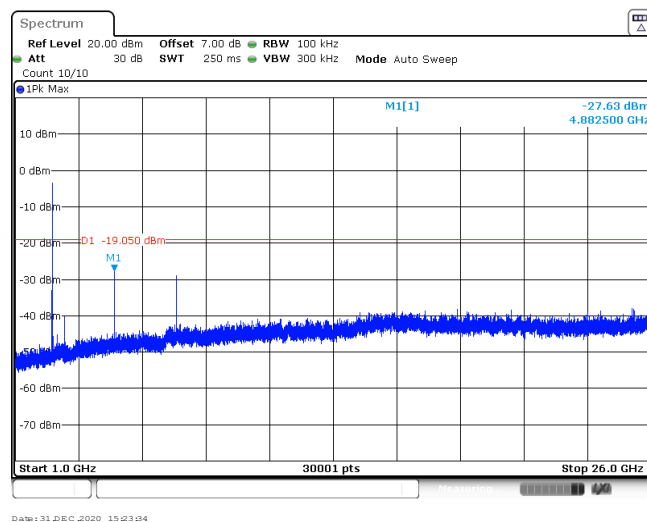
CH39
Reference level

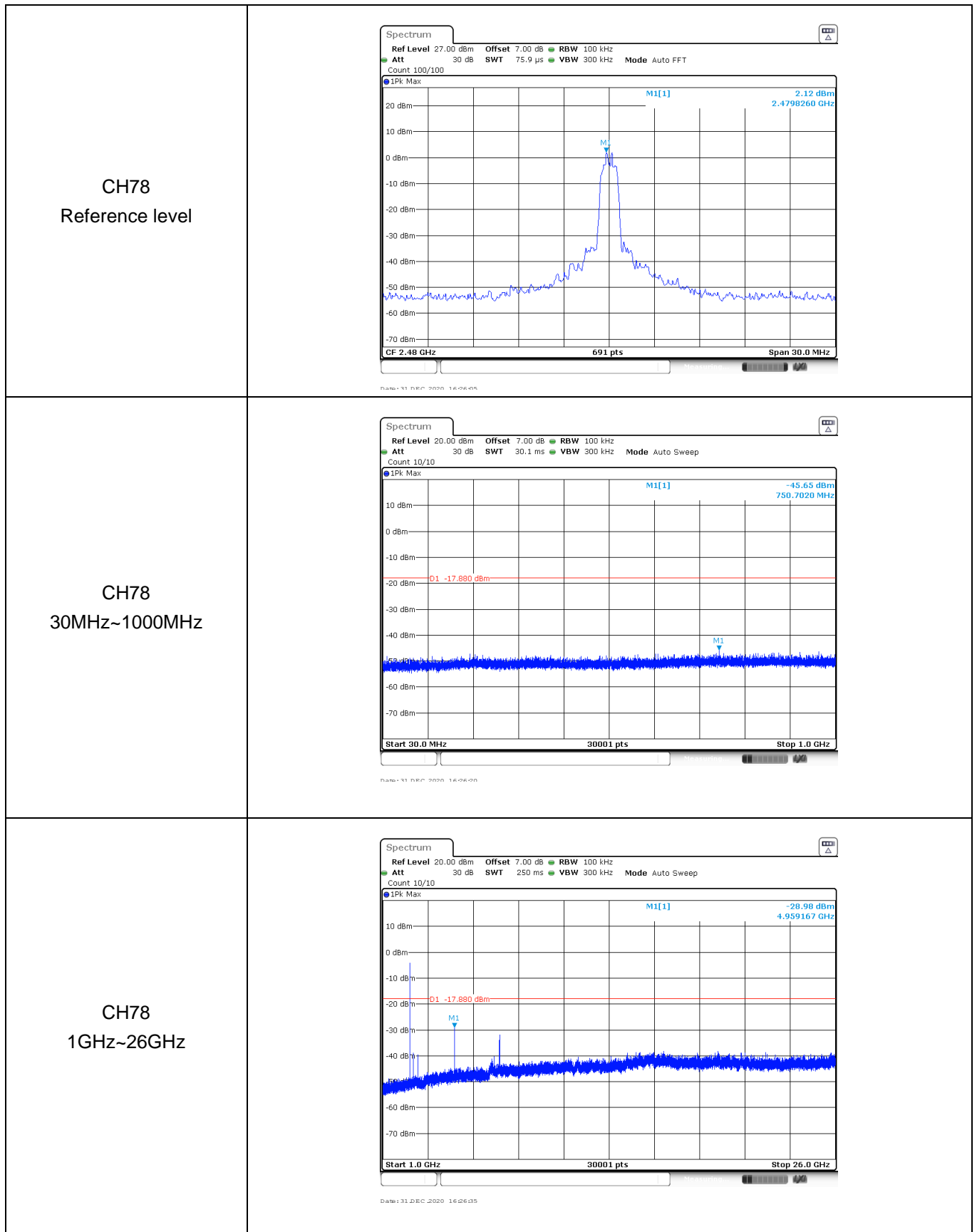


CH39
30MHz~1000MHz



CH39
1GHz~26GHz





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