

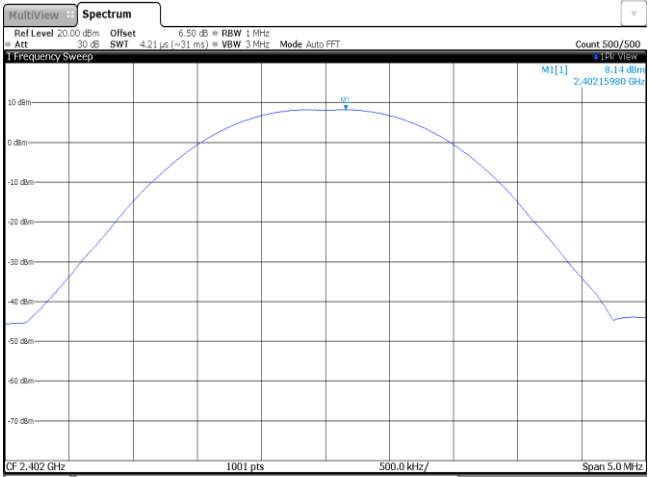
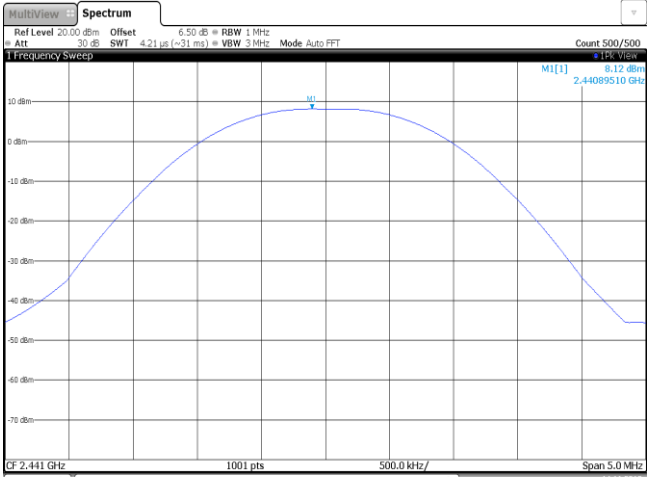
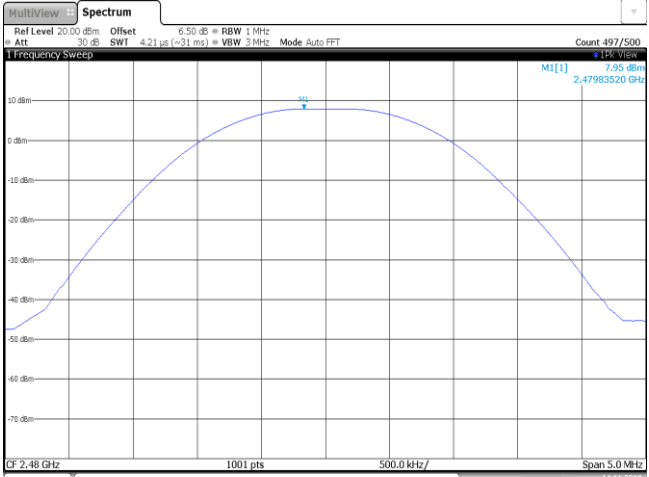
APPENDIX REPORT

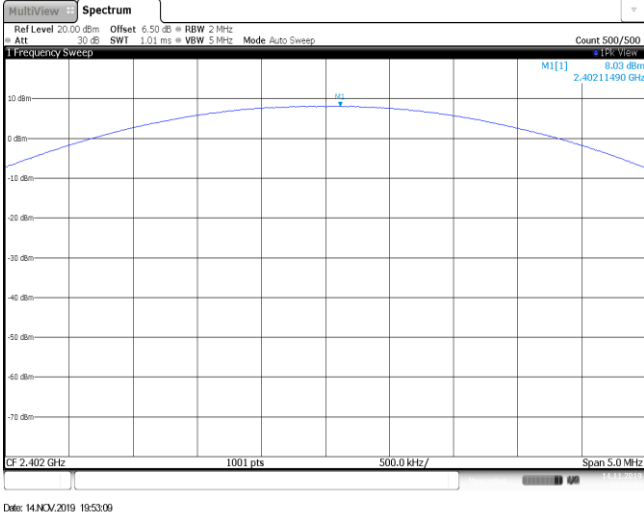
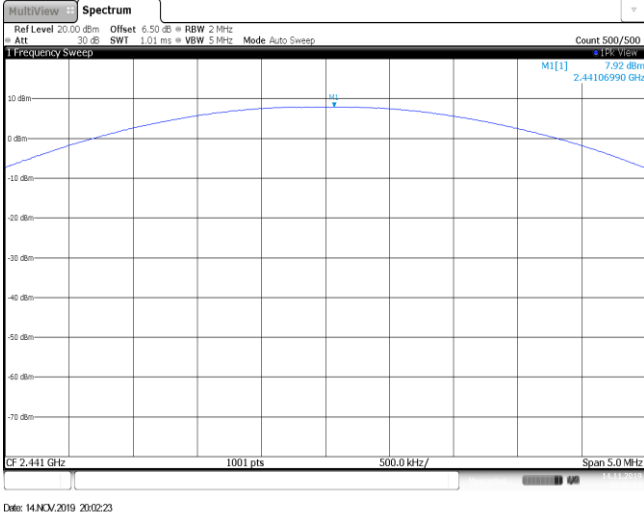
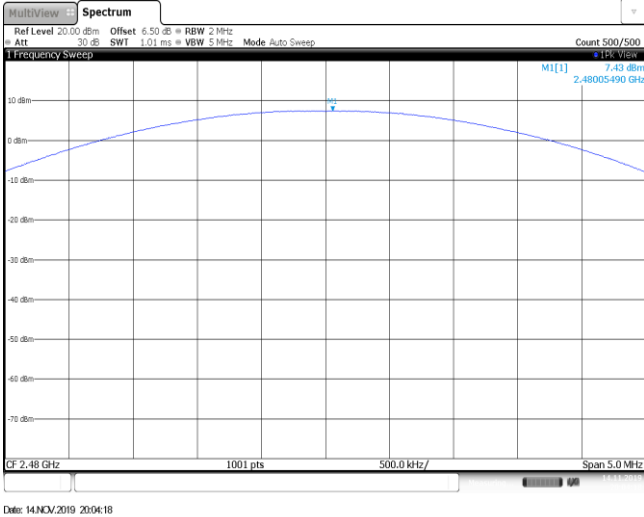
Project No.	SHT1911030001EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT19110300002	Model No.	K402
Start test date	2019/11/14	Finish date	2019/11/14
Temperature	25°C	Humidity	50%
Test Engineer	JiongSheng.Feng	Auditor	<i>William.wang</i>

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	8.14	8.12	≤ 30.00	Pass
	39	8.12	8.10		
	78	7.95	7.93		
$\pi/4$ DQPSK	00	8.03	7.4	≤ 21.00	Pass
	39	7.92	7.33		
	78	7.43	6.83		
8DPSK	00	8.24	7.6	≤ 21.00	Pass
	39	8.21	7.47		
	78	8.13	7.4		

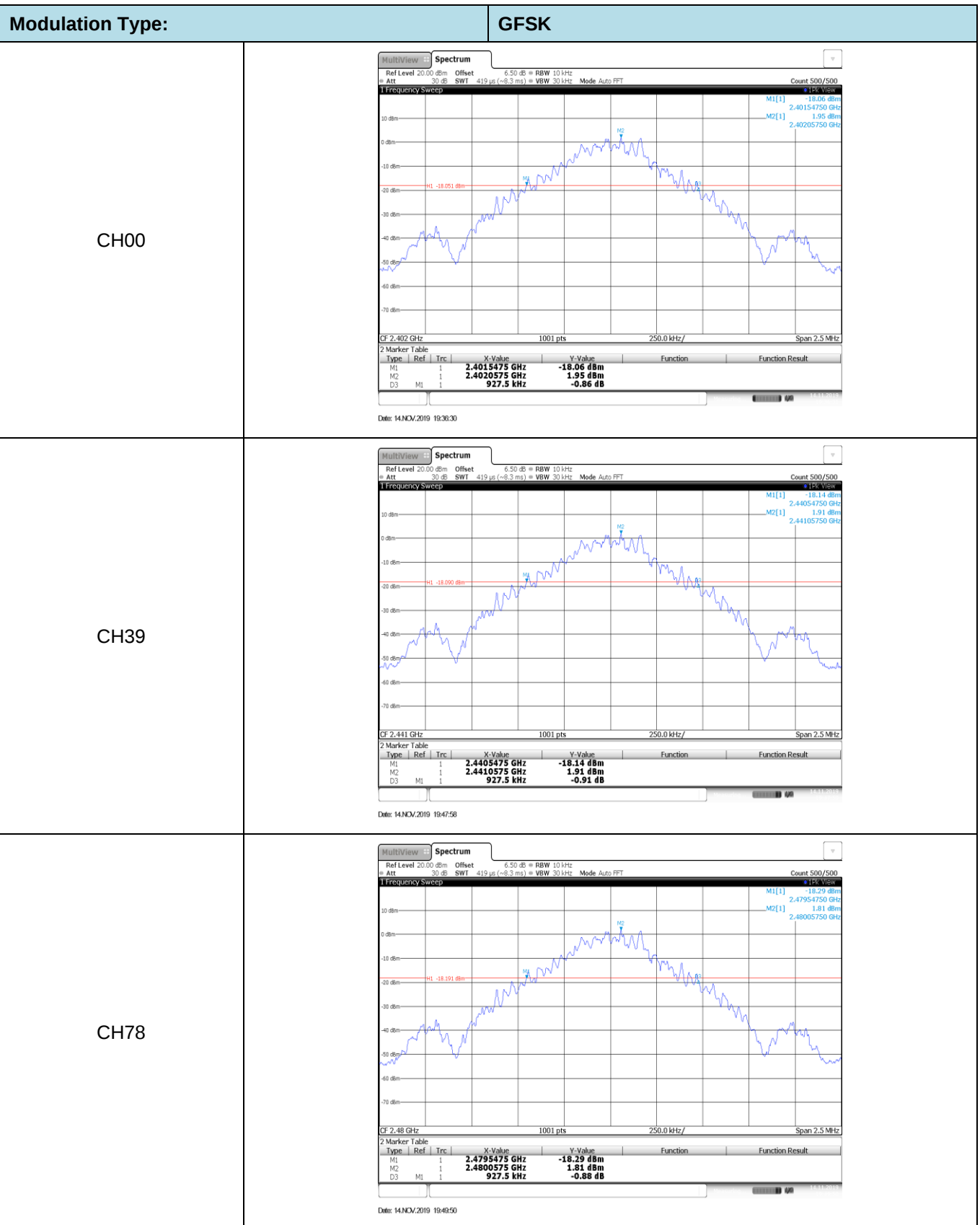
Modulation Type:	GFSK
CH00	 14.NOV.2019 19:36:48
CH39	 14.NOV.2019 19:48:16
CH78	 14.NOV.2019 19:50:08

Modulation Type:	$\pi/4$ DQPSK
CH00	 14/NOV/2019 19:53:09
CH39	 14/NOV/2019 20:02:23
CH78	 14/NOV/2019 20:04:18

Modulation Type:		8DPSK
CH00	Ref Level 20.00 dBm Offset 6.50 dB BW 2 MHz Att 30 dB SW 1.01 ms VBW 5 kHz Mode Auto Sweep Count 500/500 M1[1] 8.24 dBm 2.40196000 GHz CF 2.402 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 14 NOV/2019 20:09:40	
CH39	Ref Level 20.00 dBm Offset 6.50 dB BW 2 MHz Att 30 dB SW 1.01 ms VBW 5 kHz Mode Auto Sweep Count 500/500 M1[1] 8.21 dBm 2.44102000 GHz CF 2.441 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 14 NOV/2019 20:11:34	
CH78	Ref Level 20.00 dBm Offset 6.50 dB BW 2 MHz Att 30 dB SW 1.01 ms VBW 5 kHz Mode Auto Sweep Count 500/500 M1[1] 8.19 dBm 2.48000000 GHz CF 2.48 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 14 NOV/2019 20:15:09	

Appendix B : 20 dB Bandwidth

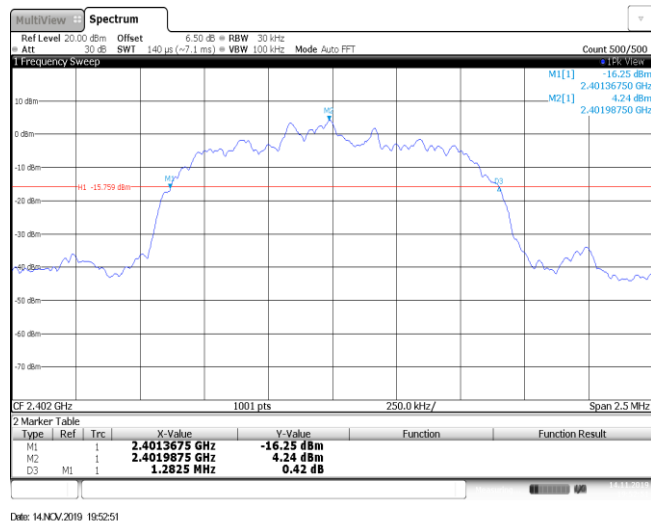
Modulation type	Channel	20 dB Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.93	-	Pass
	39	0.93		
	78	0.93		
$\pi/4$ DQPSK	00	1.28	-	Pass
	39	1.28		
	78	1.29		
8DPSK	00	1.29	-	Pass
	39	1.29		
	78	1.29		



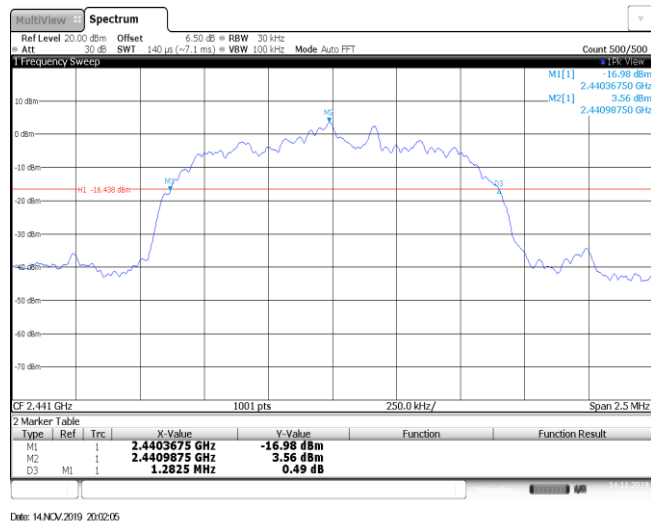
Modulation Type:

 $\pi/4$ DQPSK

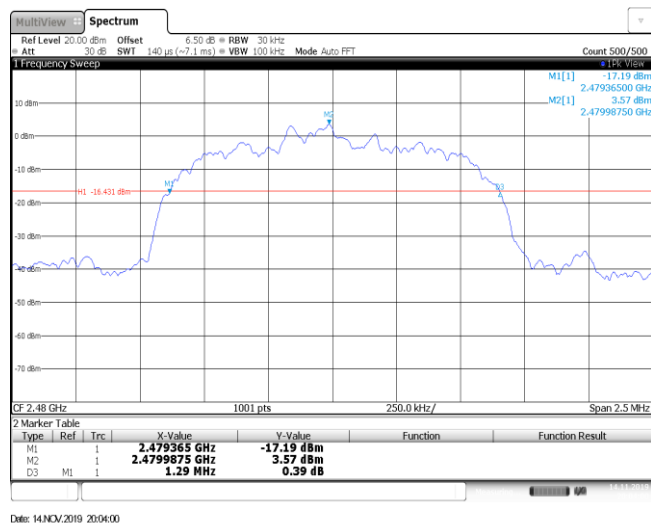
CH00



CH39



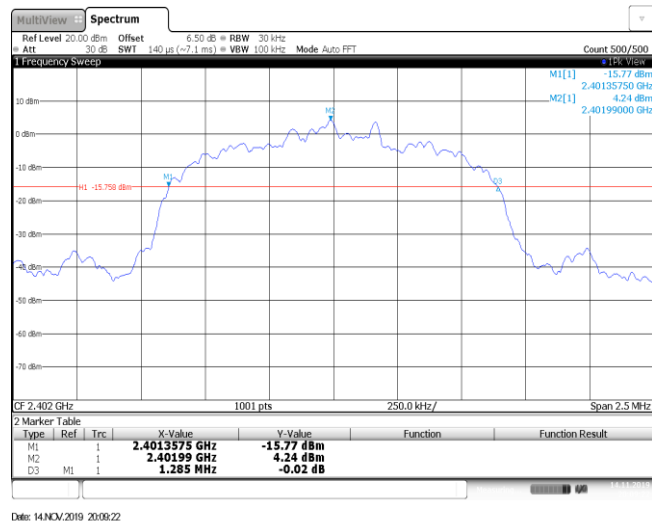
CH78



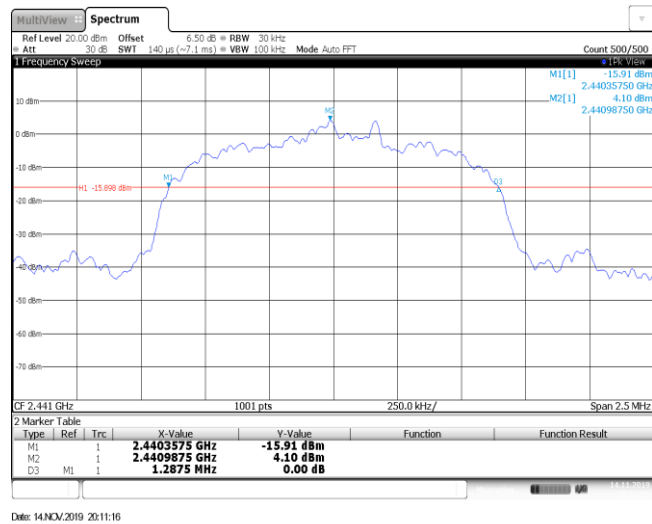
Modulation Type:

8DPSK

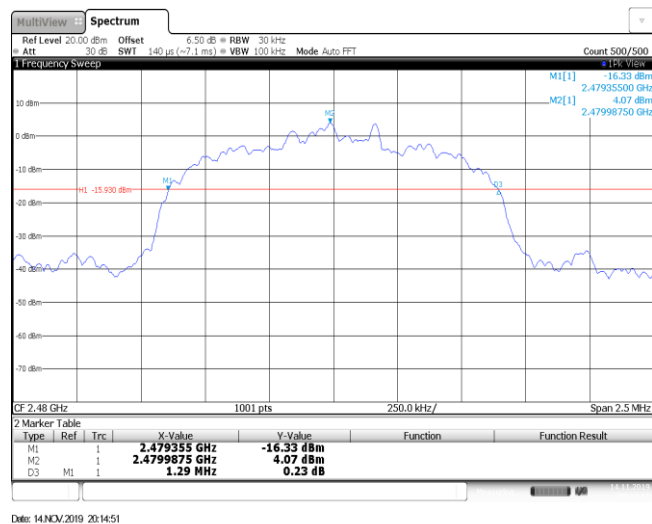
CH00



CH39

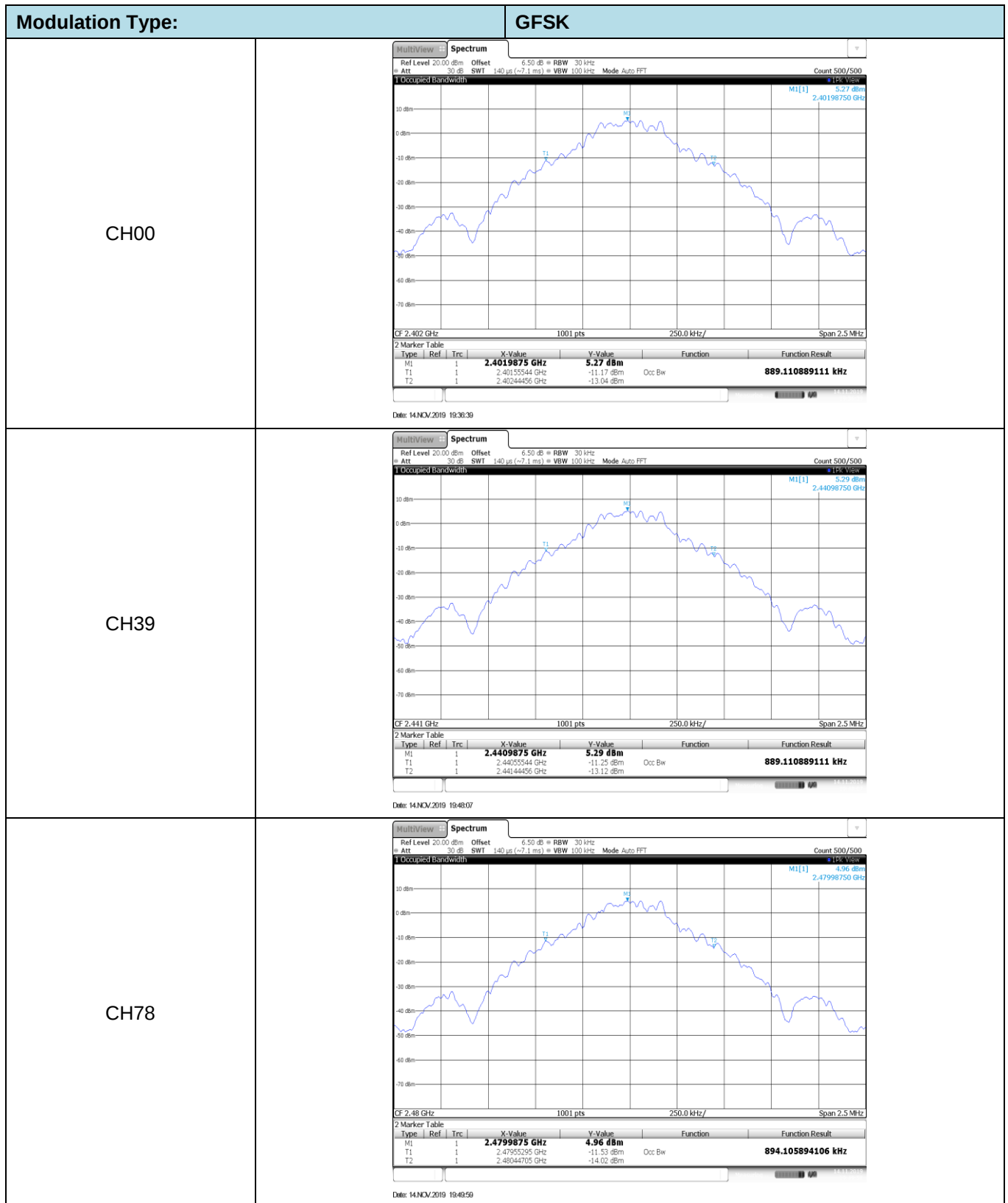


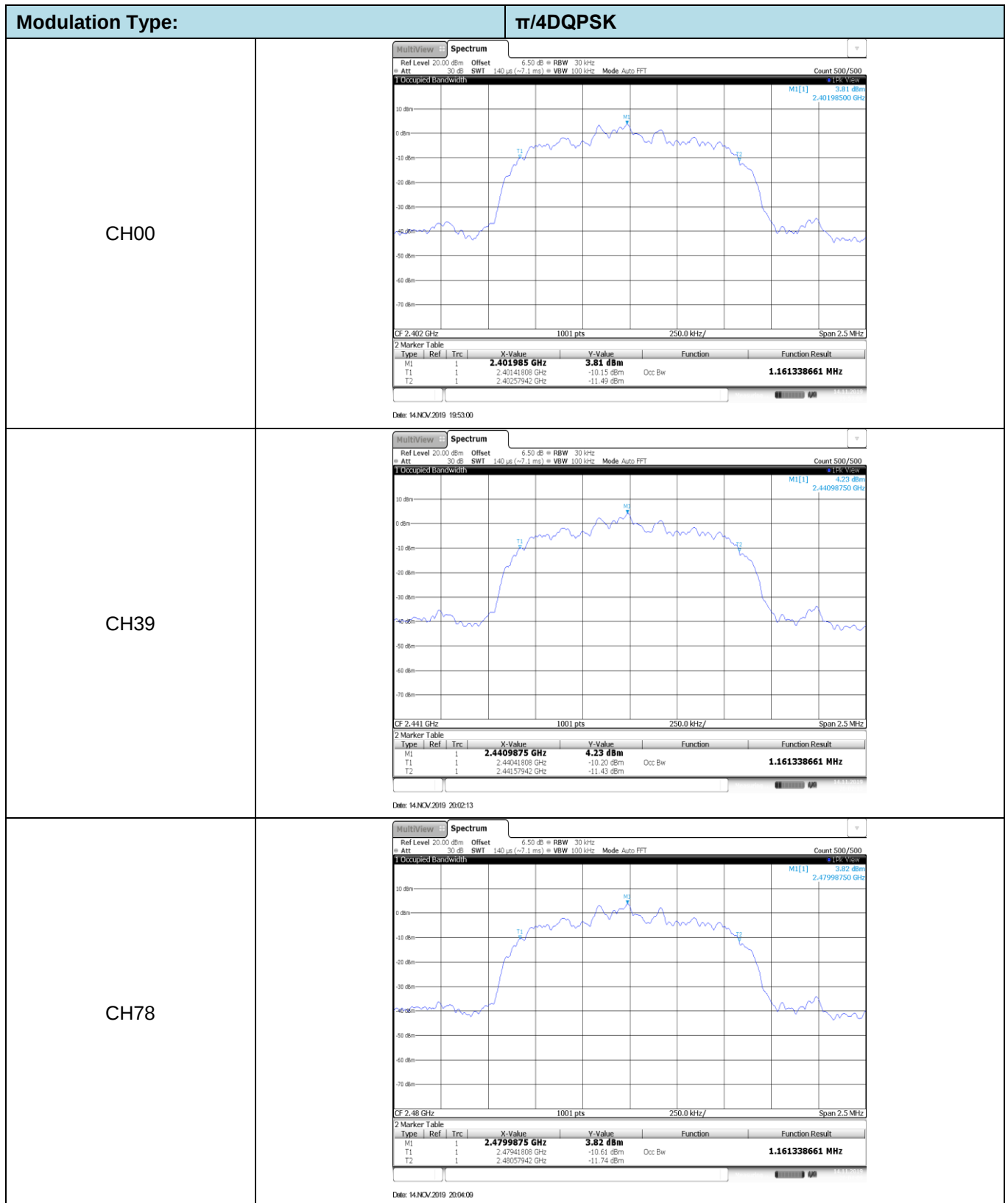
CH78

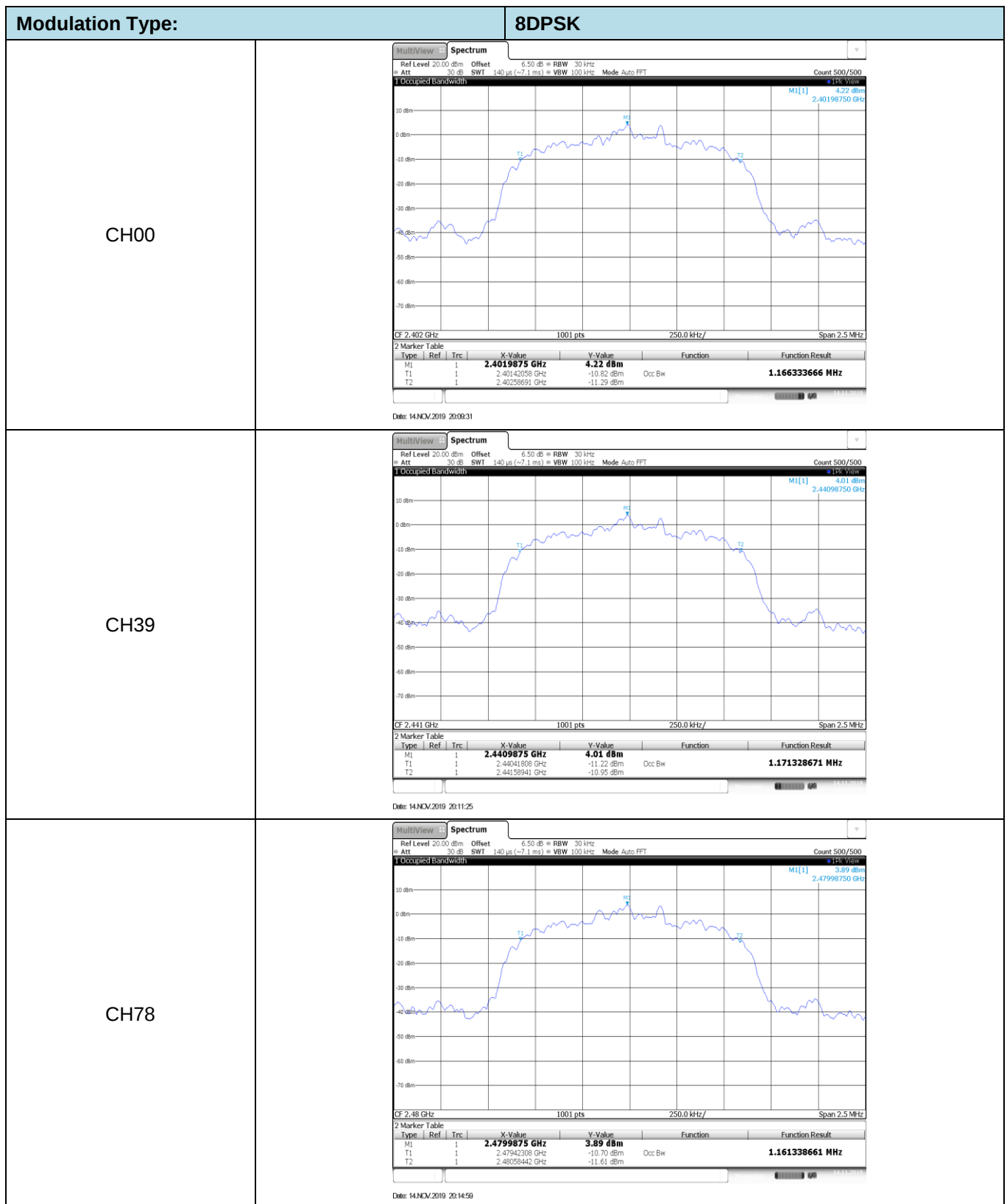


Appendix C: 99% Occupied Bandwidth

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.89	-	Pass
	39	0.89		
	78	0.89		
$\pi/4$ DQPSK	00	1.16	-	Pass
	39	1.16		
	78	1.16		
8DPSK	00	1.17	-	Pass
	39	1.17		
	78	1.16		







Appendix D: Carrier Frequencies Separation

Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (MHz) *	Result
GFSK	39	1.00	≥ 0.93	Pass
$\pi/4$ DQPSK	39	1.00	≥ 0.86	Pass
8DPSK	39	1.00	≥ 0.86	Pass

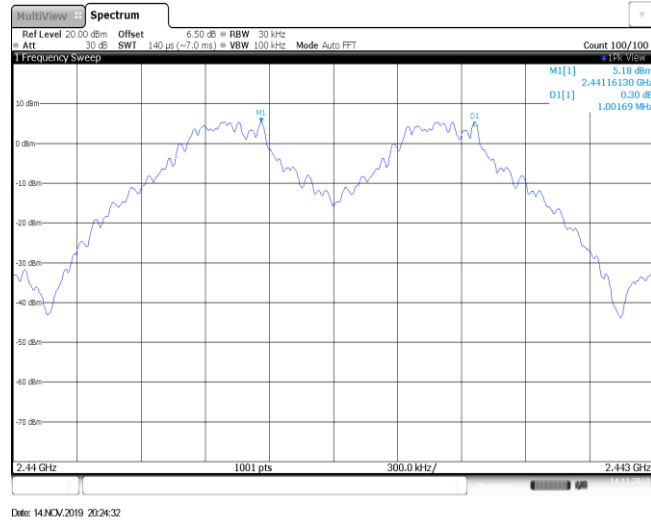
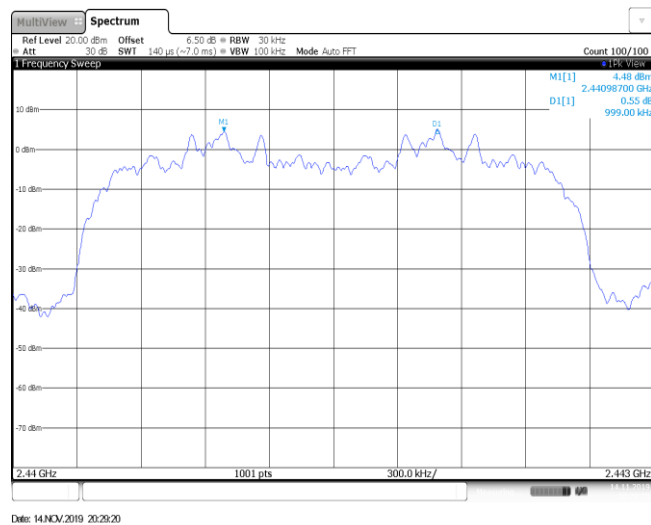
Note:

*: GFSK limit = The maximum 20 dB Bandwidth for GFSK modulation on the section 5.4.

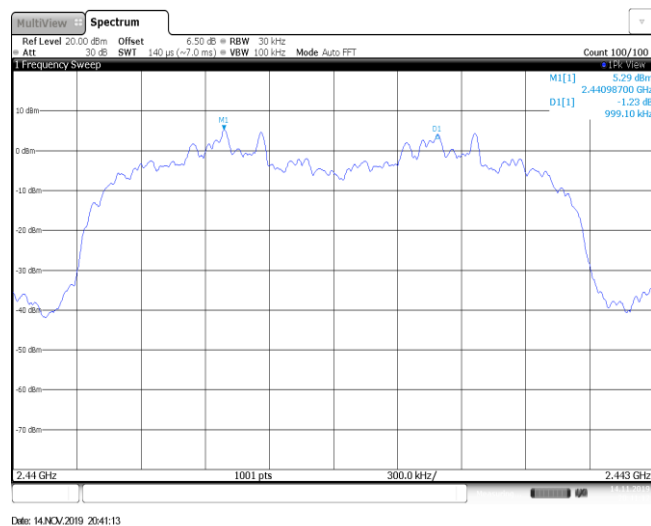
$\pi/4$ DQPSK limit = $2/3$ * The maximum 20 dB Bandwidth for $\pi/4$ DQPSK modulation on the section 5.4.

8DPSK limit = $2/3$ * The maximum 20 dB Bandwidth for 8DPSK modulation on the section 5.4

GFSK

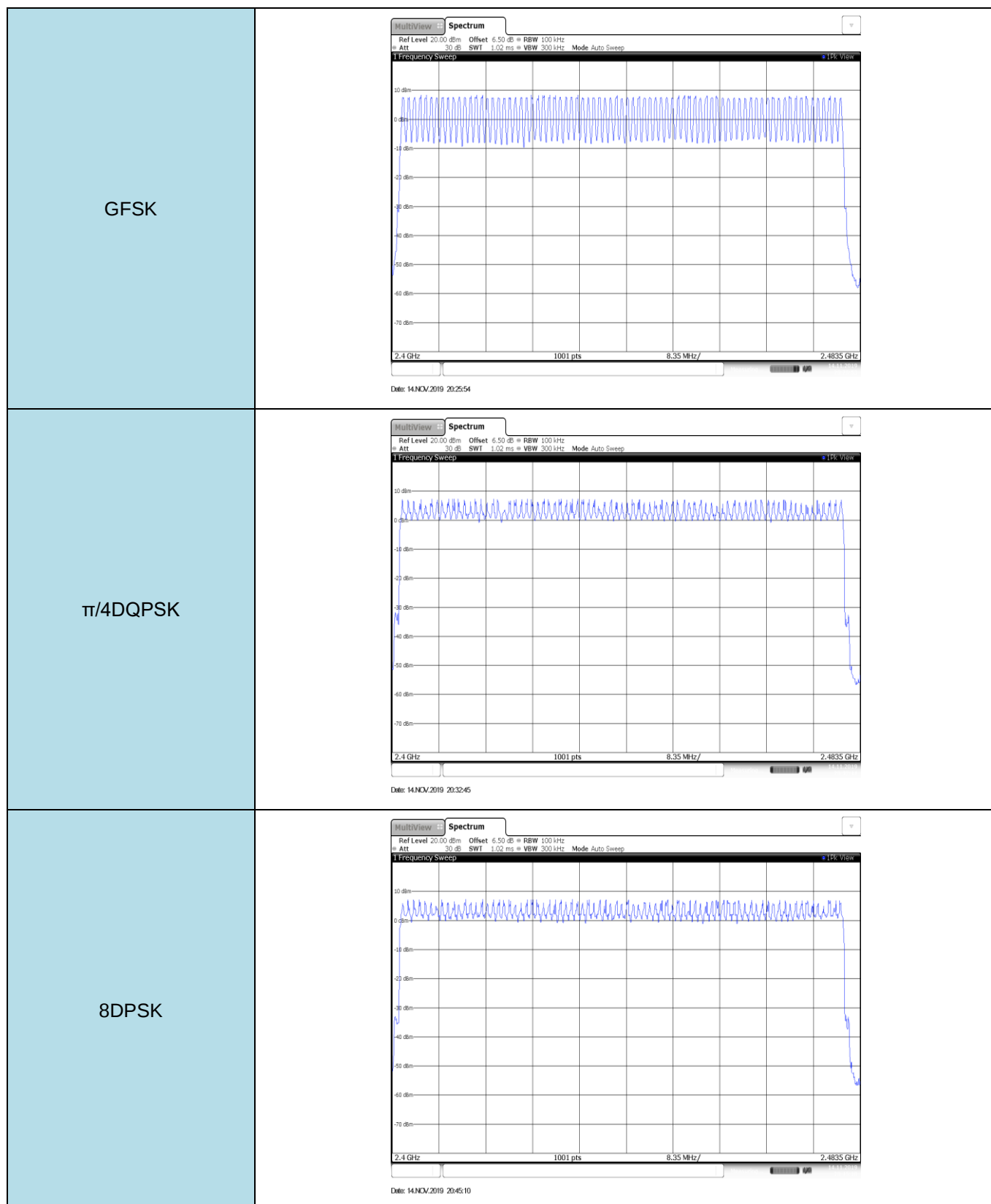
 $\pi/4$ DQPSK

8DPSK



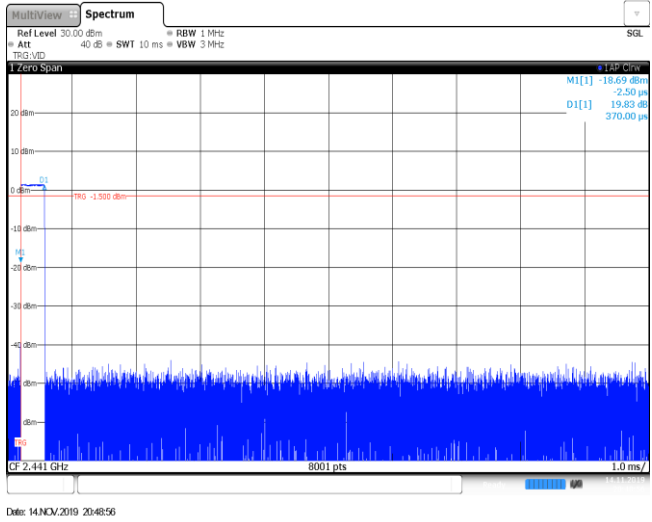
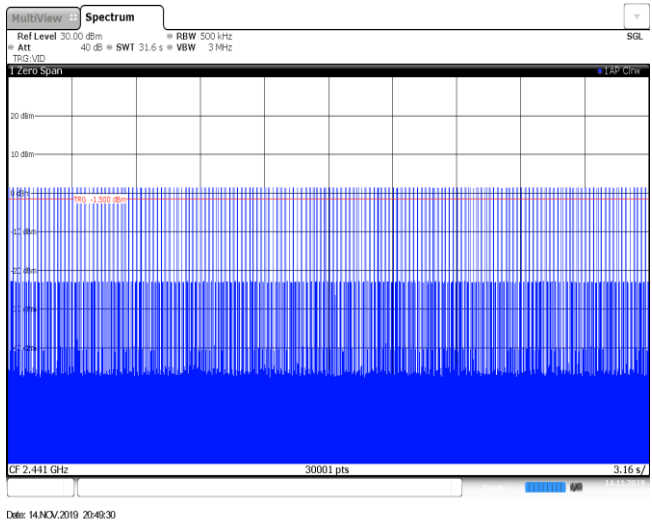
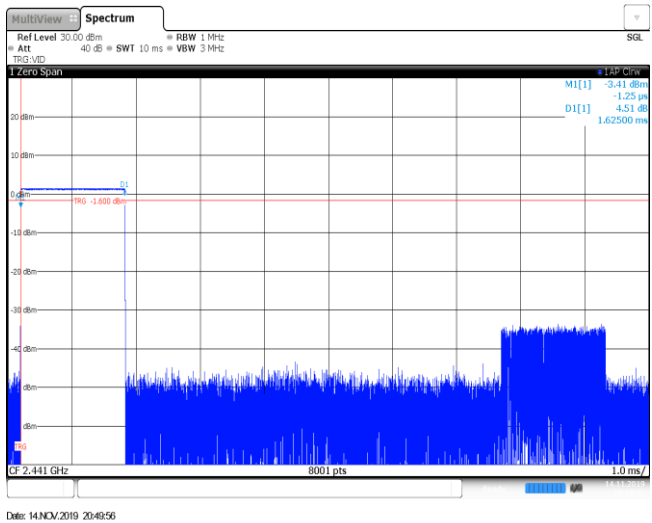
Appendix E: Hopping Channel Number

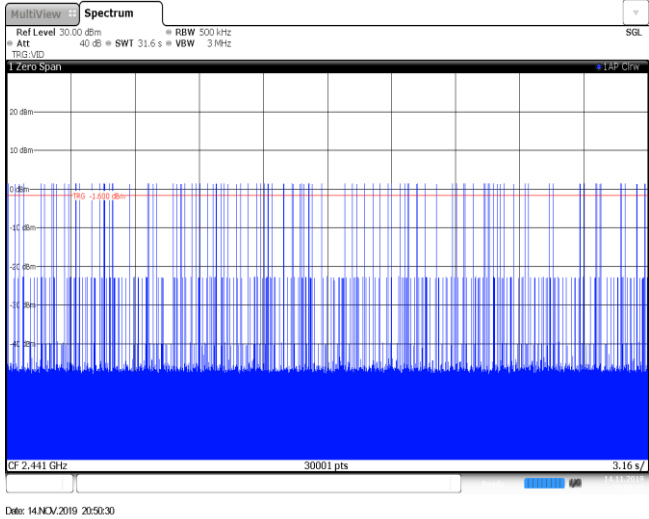
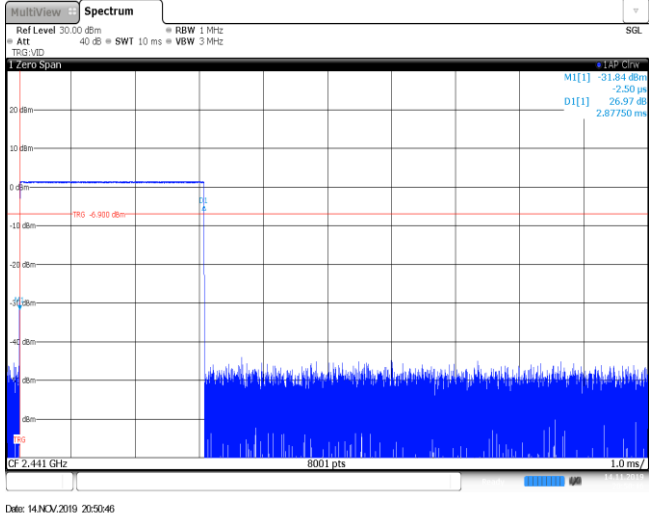
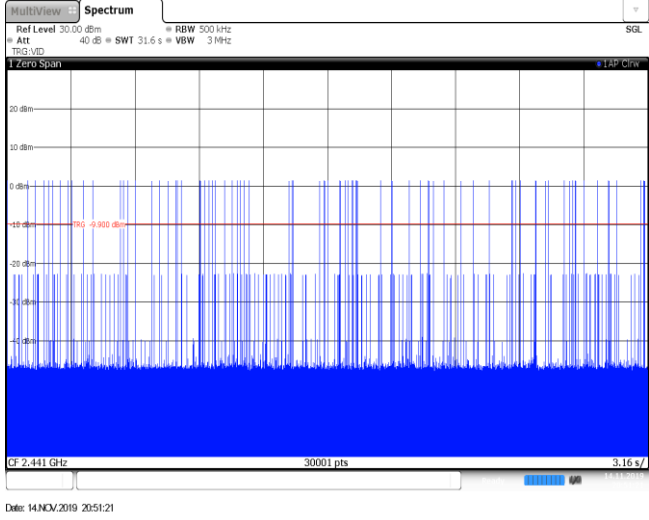
Modulation type	Channel number	Limit	Result
GFSK	79	≥15.00	Pass
π/4DQPSK	79		
8DPSK	79		

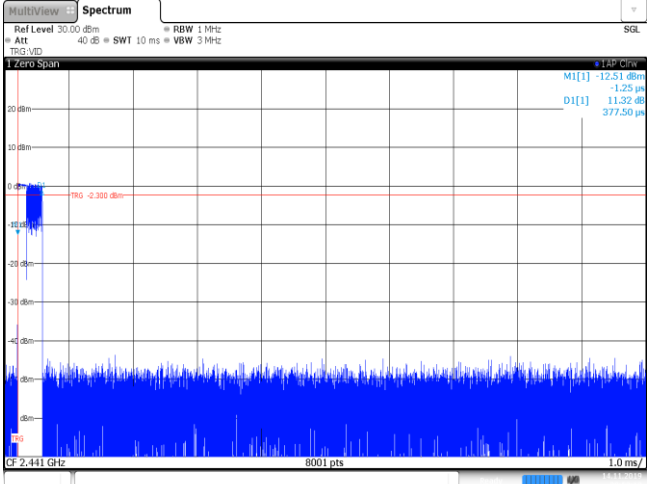
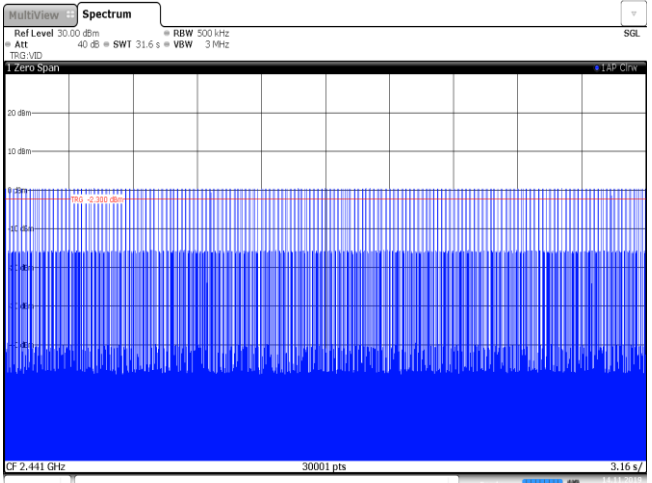
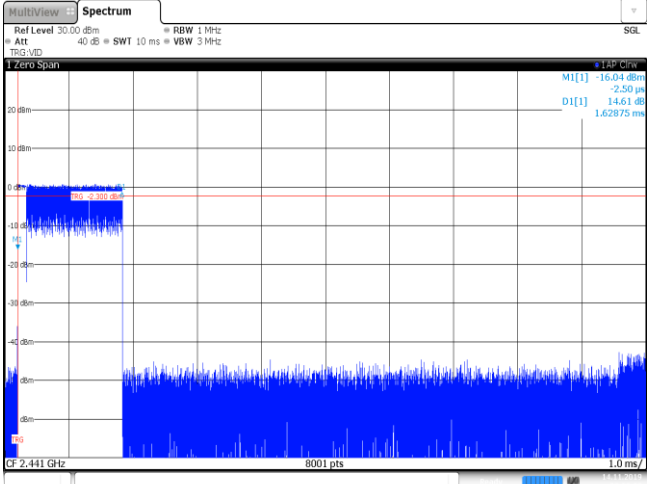


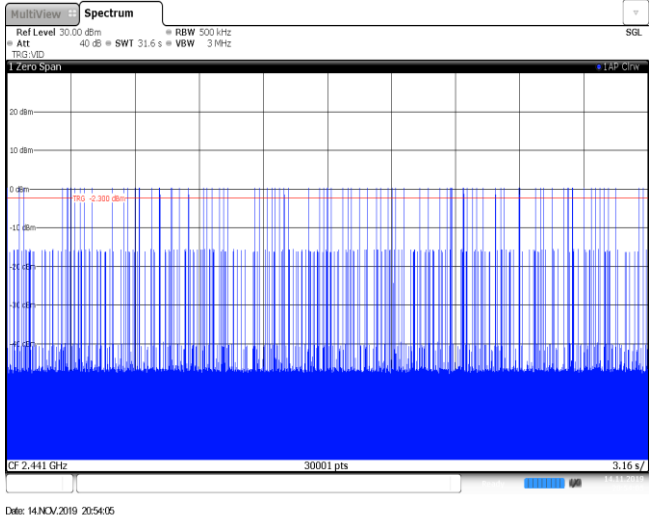
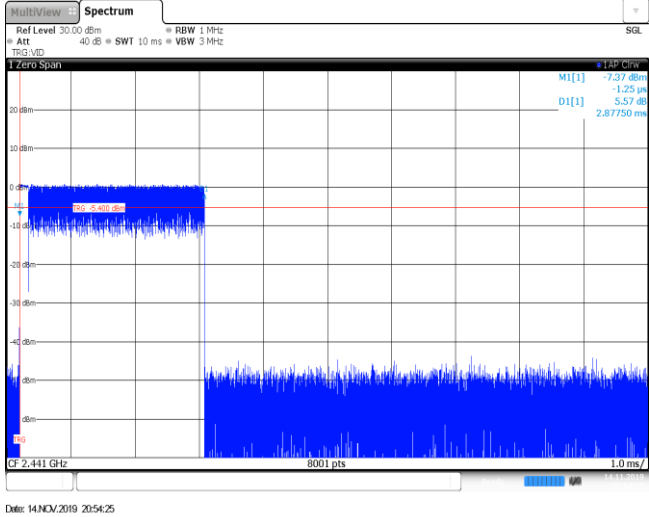
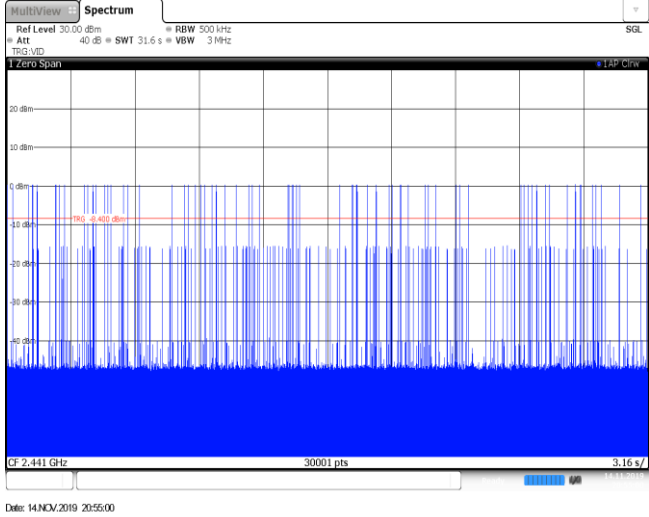
Appendix F: Dwell Time

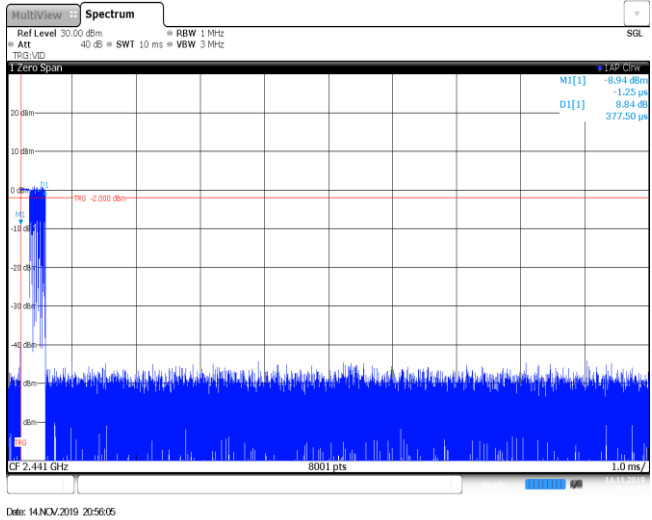
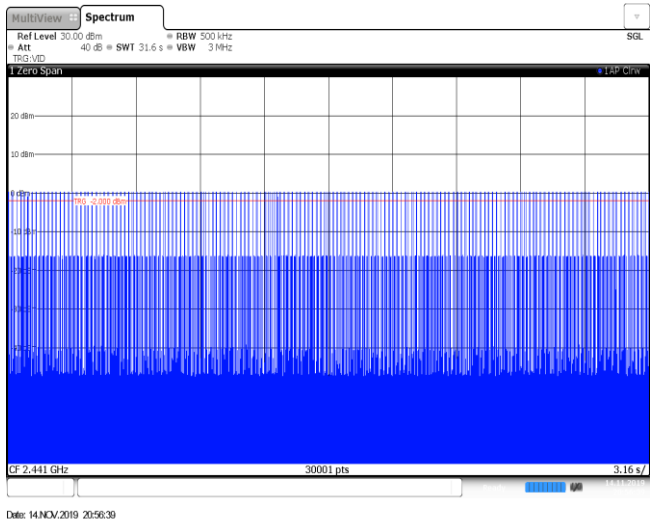
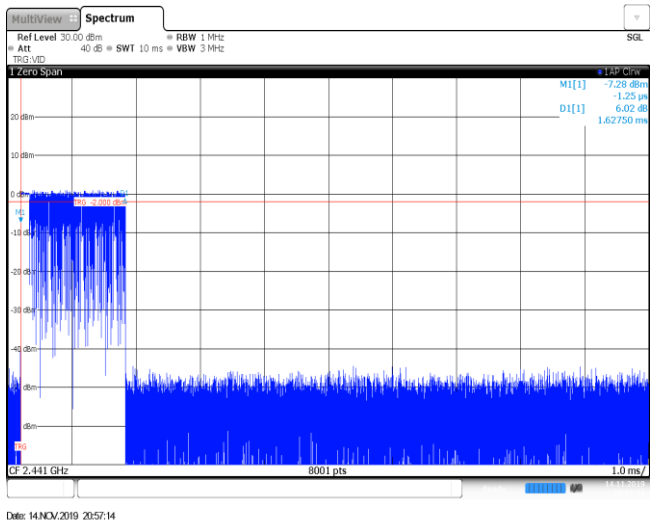
Modulation type	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.37	317.00	0.12	≤ 0.40	Pass
	DH3	1.63	105.00	0.17		
	DH5	2.88	74.00	0.21		
$\pi/4$ DQPSK	2DH1	0.38	321.00	0.12	≤ 0.40	Pass
	2DH3	1.63	91.00	0.15		
	2DH5	2.88	72.00	0.21		
8DPSK	3DH1	0.38	321.00	0.12	≤ 0.40	Pass
	3DH3	1.63	102.00	0.17		
	3DH5	2.88	62.00	0.18		

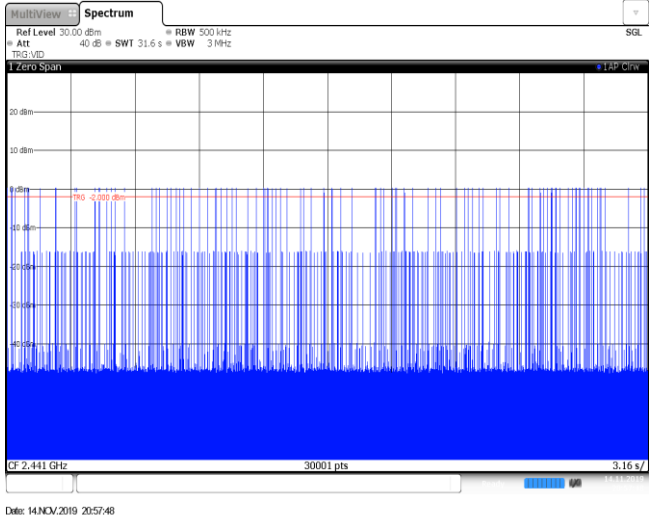
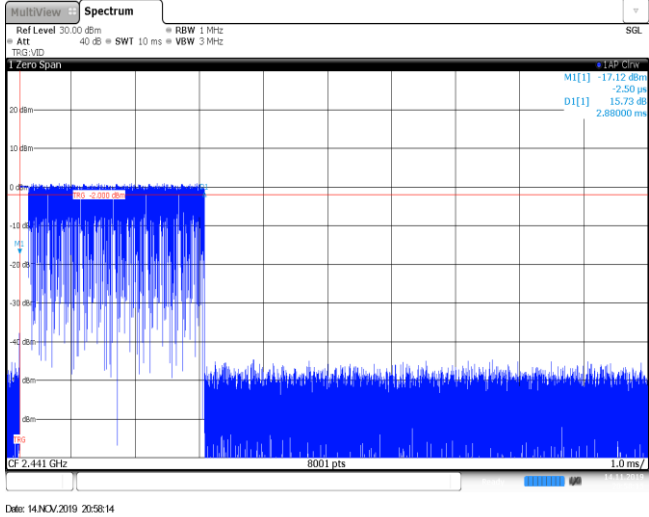
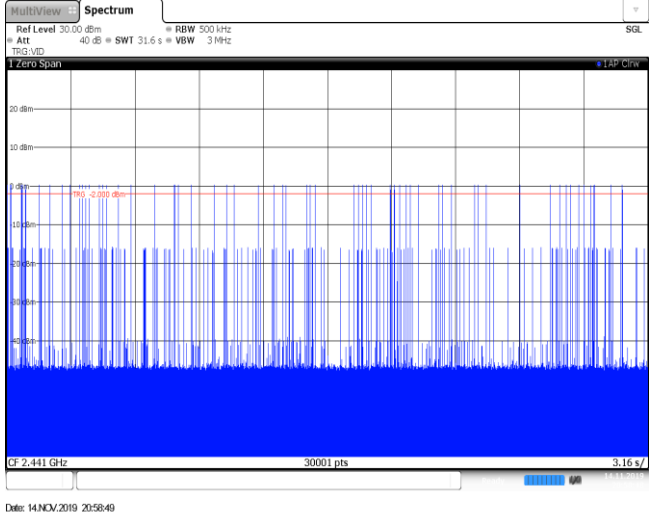
Modulation Type:	GFSK
DH1 Burst width	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 1.0 ms. The plot displays a narrowband signal with a peak level of -16.69 dBm. The plot also shows a noise floor at -19.83 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 30.00 dBm, Att 40 dB, SWT 10 ms, VBW 3 MHz, RBW 1 MHz. The plot is dated 14 NOV 2019 20:48:56.
DH1 Burst number	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 3.16 s. The plot displays a narrowband signal with a peak level of -16.69 dBm. The plot also shows a noise floor at -19.83 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 30.00 dBm, Att 40 dB, SWT 31.6 s, VBW 3 MHz, RBW 500 kHz. The plot is dated 14 NOV 2019 20:49:30.
DH3 Burst width	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 1.0 ms. The plot displays a narrowband signal with a peak level of -3.41 dBm. The plot also shows a noise floor at -1.25 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 30.00 dBm, Att 40 dB, SWT 10 ms, VBW 3 MHz, RBW 1 MHz. The plot is dated 14 NOV 2019 20:49:56.

DH3 Burst number	 The screenshot shows a spectrum plot titled 'Spectrum' with a frequency range from 2.441 GHz to 3.16 GHz. The y-axis represents power in dBm, ranging from -40 to 20. A red horizontal line is drawn at -10.00 dBm. The plot shows a dense blue area representing the signal spectrum. The date and time at the bottom are 14/NOV/2019 20:50:30.
DH5 Burst width	 The screenshot shows a spectrum plot titled 'Spectrum' with a frequency range from 2.441 GHz to 1.0 ms. The y-axis represents power in dBm, ranging from -40 to 20. A red horizontal line is drawn at -10.00 dBm. The plot shows a dense blue area representing the signal spectrum. The date and time at the bottom are 14/NOV/2019 20:50:46.
DH5 Burst number	 The screenshot shows a spectrum plot titled 'Spectrum' with a frequency range from 2.441 GHz to 3.16 GHz. The y-axis represents power in dBm, ranging from -40 to 20. A red horizontal line is drawn at -10.00 dBm. The plot shows a dense blue area representing the signal spectrum. The date and time at the bottom are 14/NOV/2019 20:51:21.

Modulation Type:	$\pi/4$ DQPSK
2DH1 Burst width	 The spectrum plot shows a single burst of signal at 2.441 GHz. The y-axis represents power in dBm, ranging from -40 to 20. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. A red horizontal line is drawn at -2.300 dBm. The plot shows a sharp peak at the center frequency, with a bandwidth of approximately 1 MHz. The signal is labeled with 'M1[1] -12.51 dBm', 'D1[1] -1.25 dBm', '11.32 dB', and '377.50 ps'. Date: 14/NOV/2019 20:52:19
2DH1 Burst number	 The spectrum plot shows a continuous signal at 2.441 GHz. The y-axis represents power in dBm, ranging from -40 to 20. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. A red horizontal line is drawn at -2.300 dBm. The plot shows a dense, continuous signal across the entire frequency range. The signal is labeled with 'M1[1] -12.51 dBm', 'D1[1] -1.25 dBm', '11.32 dB', and '377.50 ps'. Date: 14/NOV/2019 20:52:53
2DH3 Burst width	 The spectrum plot shows a single burst of signal at 2.441 GHz. The y-axis represents power in dBm, ranging from -40 to 20. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. A red horizontal line is drawn at -2.300 dBm. The plot shows a sharp peak at the center frequency, with a bandwidth of approximately 1 MHz. The signal is labeled with 'M1[1] -16.04 dBm', 'D1[1] 14.61 dB', and '1.62875 ms'. Date: 14/NOV/2019 20:53:31

2DH3 Burst number	 The spectrum plot shows a dense, continuous signal across the frequency range from 2.441 GHz to 3.16 GHz. The signal level is relatively flat, with a peak around -10 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 30.00 dBm, Att 40 dB, RBW 500 kHz, and VSW 3 MHz. The date is 14/NOV/2019 20:54:05.
2DH5 Burst width	 The spectrum plot shows a signal that is concentrated in a narrow frequency band around 2.441 GHz, with a peak level of approximately -10 dBm. The signal is labeled 'M[1]' with a value of -1.25 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 30.00 dBm, Att 40 dB, RBW 1 MHz, and VSW 3 MHz. The date is 14/NOV/2019 20:54:25.
2DH5 Burst number	 The spectrum plot shows a dense, continuous signal across the frequency range from 2.441 GHz to 3.16 GHz. The signal level is relatively flat, with a peak around -10 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 30.00 dBm, Att 40 dB, RBW 500 kHz, and VSW 3 MHz. The date is 14/NOV/2019 20:55:00.

Modulation Type:	8DPSK
3DH1 Burst width	 The spectrum plot shows a signal burst at 2.441 GHz. The y-axis represents power in dBm, ranging from -50 to 20. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. The signal is centered at 2.441 GHz. The plot shows a sharp peak at the center frequency, with a bandwidth of approximately 1 MHz. The signal level is around -10 dBm. The plot also shows a noise floor around -40 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 30.00 dBm, Att 40 dB, SWT 10 ms, RBW 1 MHz, VBW 3 MHz. The plot is dated 14/NOV/2019 20:56:05.
3DH1 Burst number	 The spectrum plot shows a signal burst at 2.441 GHz. The y-axis represents power in dBm, ranging from -50 to 20. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. The signal is centered at 2.441 GHz. The plot shows a sharp peak at the center frequency, with a bandwidth of approximately 1 MHz. The signal level is around -10 dBm. The plot also shows a noise floor around -40 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 30.00 dBm, Att 40 dB, SWT 31.6 s, RBW 500 kHz, VBW 3 MHz. The plot is dated 14/NOV/2019 20:56:30.
3DH3 Burst width	 The spectrum plot shows a signal burst at 2.441 GHz. The y-axis represents power in dBm, ranging from -50 to 20. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. The signal is centered at 2.441 GHz. The plot shows a sharp peak at the center frequency, with a bandwidth of approximately 1 MHz. The signal level is around -10 dBm. The plot also shows a noise floor around -40 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 30.00 dBm, Att 40 dB, SWT 10 ms, RBW 1 MHz, VBW 3 MHz. The plot is dated 14/NOV/2019 20:57:14.

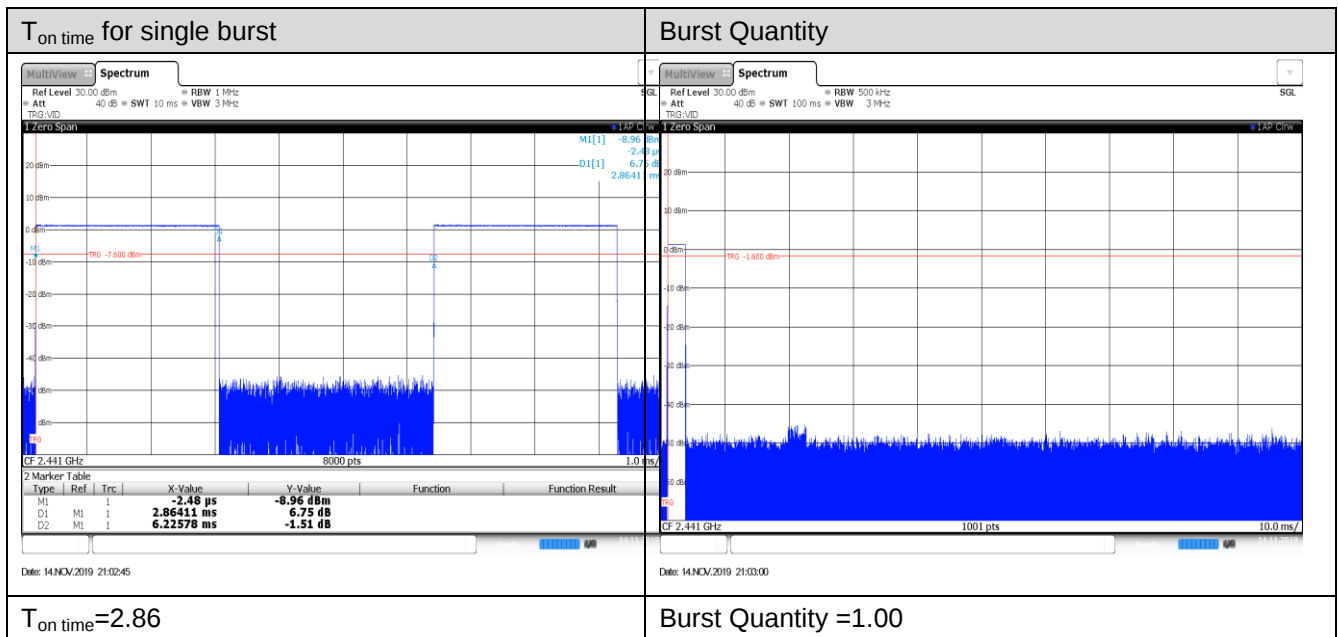
3DH3 Burst number	
3DH5 Burst width	
3DH5 Burst number	

Appendix G: Duty Cycle Correction Factor (DCCF)

DCCF Calculate Formula

$DCCF = 20 * \log(\text{duty cycle}) = 20 * \log(T_{\text{on time}} / T_{\text{period}}) = 20 * \log(T_{\text{on time}} / 100\text{ms}) = 20 * \log(2.86 \text{ ms} * 1/100\text{ms})$

Modulation type	Test Frequency (MHz)	$T_{\text{on time}}$ for single burst	T_{period}	Burst Quantity	DCCF
GFSK	2441	2.86	100ms	1.00	-30.87

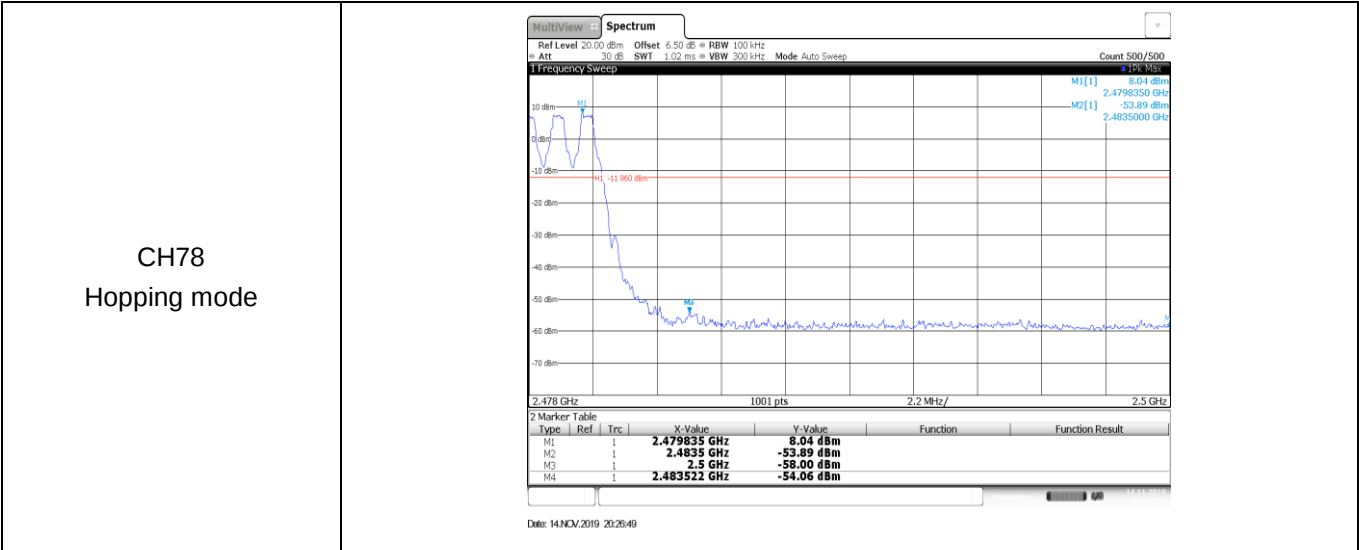


DCCF Calculate Formula:

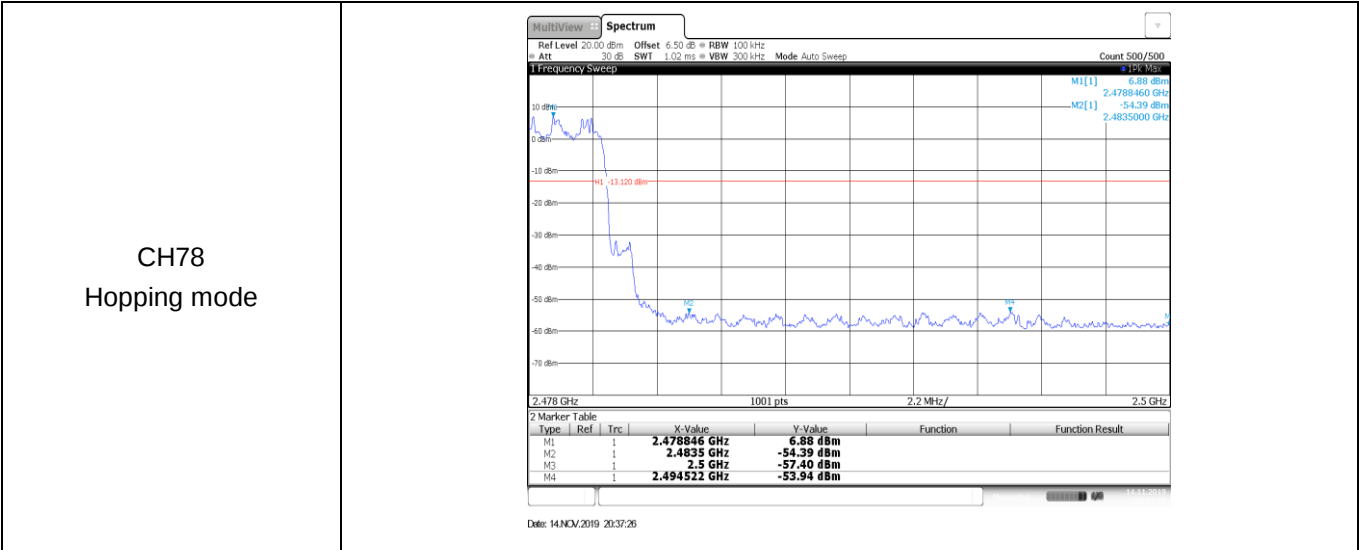
$$DCCF = 20 * \log(\text{duty cycle}) = 20 * \log(T_{\text{on time}} / T_{\text{period}}) = 20 * \log(T_{\text{on time}} / 100\text{ms})$$

Appendix H: Band edge and Spurious Emissions (conducted)

Test Item:	Band edge	Modulation type:	GFSK
CH00 No hopping mode	<		

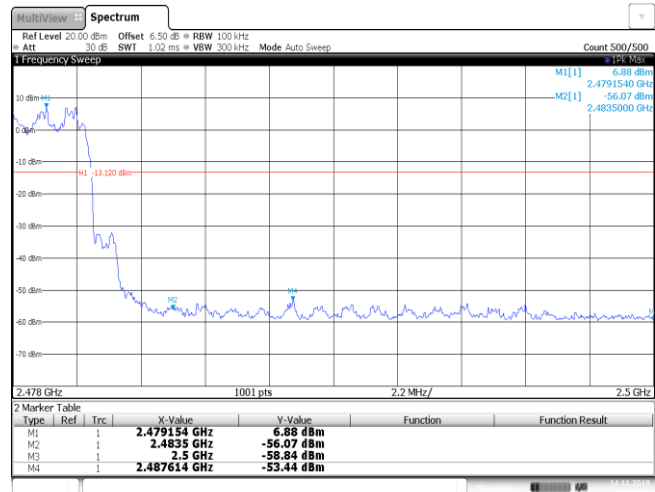


Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
CH00 No hopping mode	MultiView Spectrum Ref Level 20.00 dBm Offset 6.50 dB RBW 100 kHz Att 30 dB SWT 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep M1[1] 7.02 dBm 2.4021050 GHz M2[1] -48.19 dBm 2.4000000 GHz -12.800 dBm M1 2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz 2 Marker Table <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>2.402105 GHz</td><td>7.02 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-48.13 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-58.50 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-58.91 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399965 GHz</td><td>-50.70 dBm</td><td></td><td></td></tr></tbody></table> Date: 14/NOV/2019 19:54:03			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	7.02 dBm			M2	1		2.4 GHz	-48.13 dBm			M3	1		2.39 GHz	-58.50 dBm			M4	1		2.31 GHz	-58.91 dBm			M5	1		2.399965 GHz	-50.70 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.402105 GHz	7.02 dBm																																									
M2	1		2.4 GHz	-48.13 dBm																																									
M3	1		2.39 GHz	-58.50 dBm																																									
M4	1		2.31 GHz	-58.91 dBm																																									
M5	1		2.399965 GHz	-50.70 dBm																																									
CH00 Hopping mode	MultiView Spectrum Ref Level 20.00 dBm Offset 6.50 dB RBW 100 kHz Att 30 dB SWT 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep M1[1] 7.26 dBm 2.4040980 GHz M2[1] -49.25 dBm 2.4000000 GHz -12.740 dBm M1 2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz 2 Marker Table <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>2.404098 GHz</td><td>7.26 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-49.25 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-57.69 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-58.02 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399965 GHz</td><td>-50.67 dBm</td><td></td><td></td></tr></tbody></table> Date: 14/NOV/2019 20:36:15			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404098 GHz	7.26 dBm			M2	1		2.4 GHz	-49.25 dBm			M3	1		2.39 GHz	-57.69 dBm			M4	1		2.31 GHz	-58.02 dBm			M5	1		2.399965 GHz	-50.67 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.404098 GHz	7.26 dBm																																									
M2	1		2.4 GHz	-49.25 dBm																																									
M3	1		2.39 GHz	-57.69 dBm																																									
M4	1		2.31 GHz	-58.02 dBm																																									
M5	1		2.399965 GHz	-50.67 dBm																																									
CH78 No hopping mode	MultiView Spectrum Ref Level 20.00 dBm Offset 6.50 dB RBW 100 kHz Att 30 dB SWT 1.02 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep M1[1] 6.93 dBm 2.4801650 GHz M2[1] -55.94 dBm 2.4835000 GHz -13.070 dBm M1 2.478 GHz 1001 pts 2.2 MHz/ 2.5 GHz 2 Marker Table <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>2.480165 GHz</td><td>6.93 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-55.94 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-57.95 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483698 GHz</td><td>-53.60 dBm</td><td></td><td></td></tr></tbody></table> Date: 14/NOV/2019 21:31:35			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.480165 GHz	6.93 dBm			M2	1		2.4835 GHz	-55.94 dBm			M3	1		2.5 GHz	-57.95 dBm			M4	1		2.483698 GHz	-53.60 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.480165 GHz	6.93 dBm																																									
M2	1		2.4835 GHz	-55.94 dBm																																									
M3	1		2.5 GHz	-57.95 dBm																																									
M4	1		2.483698 GHz	-53.60 dBm																																									

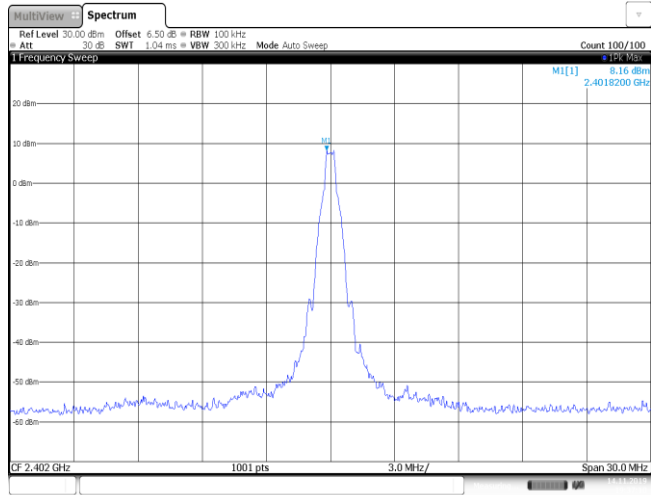
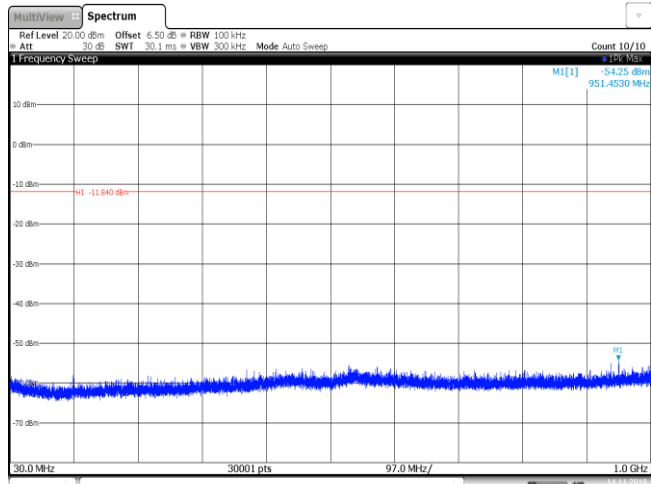
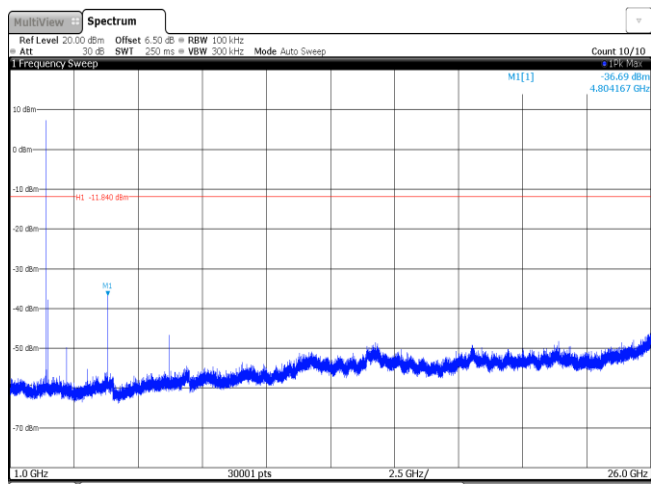


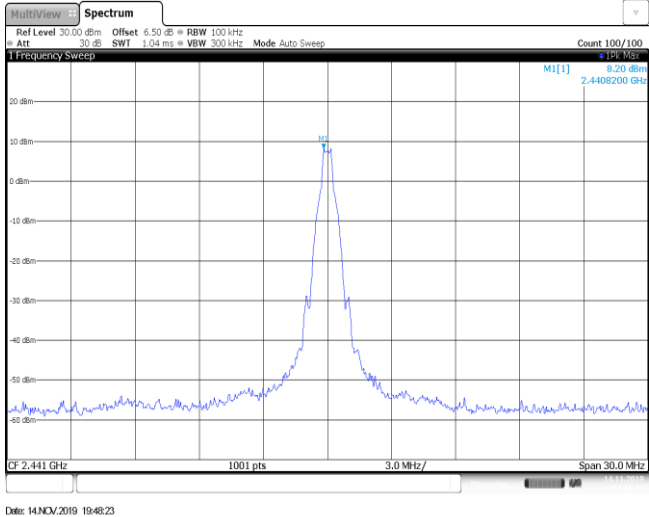
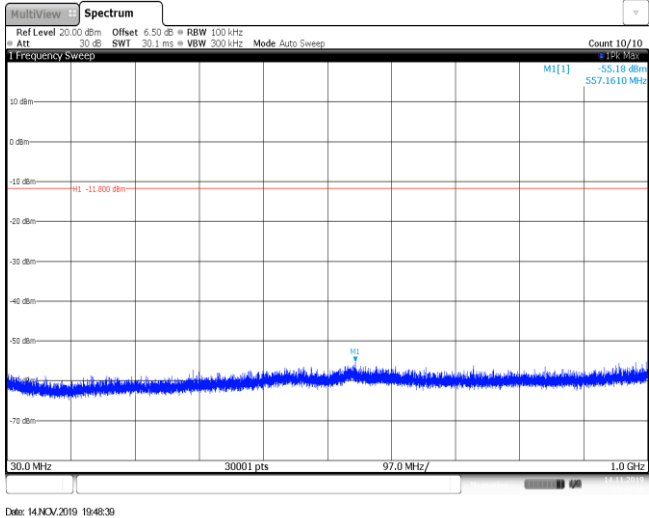
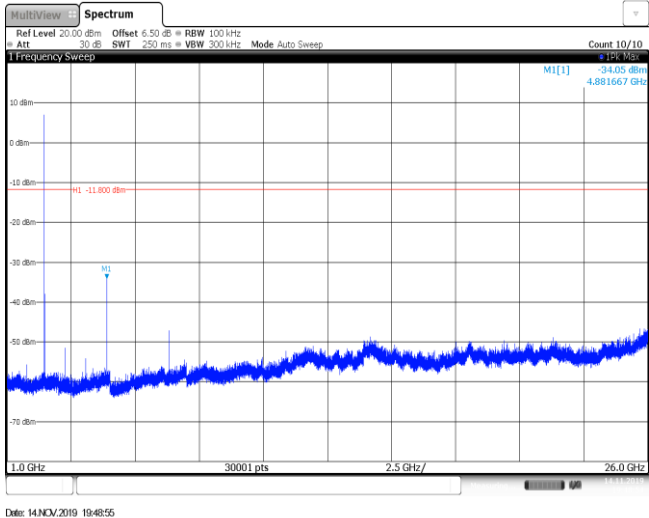
Test Item:	Band edge	Modulation type:	8DPSK
CH00 No hopping mode	</		

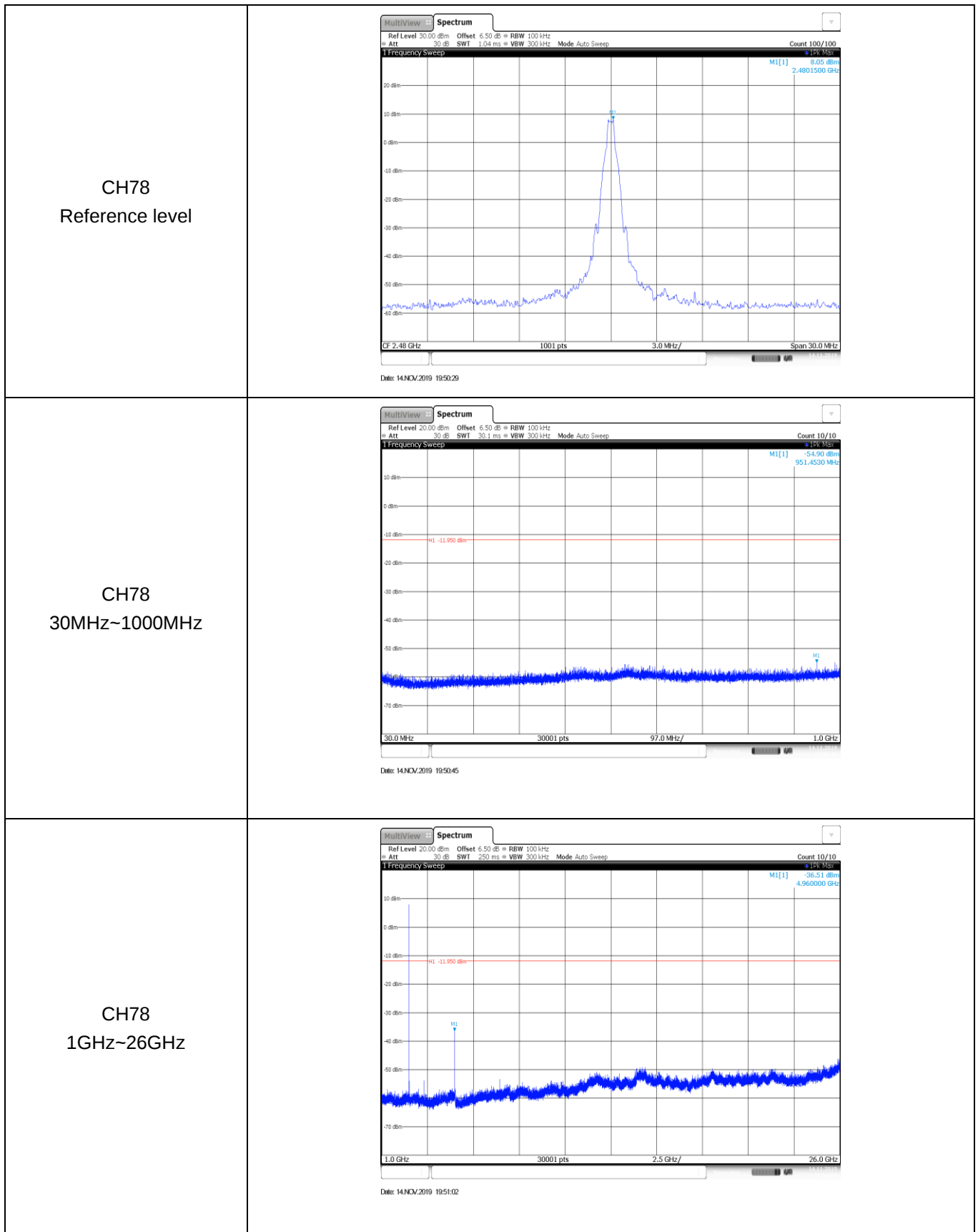
CH78
Hoppig mode

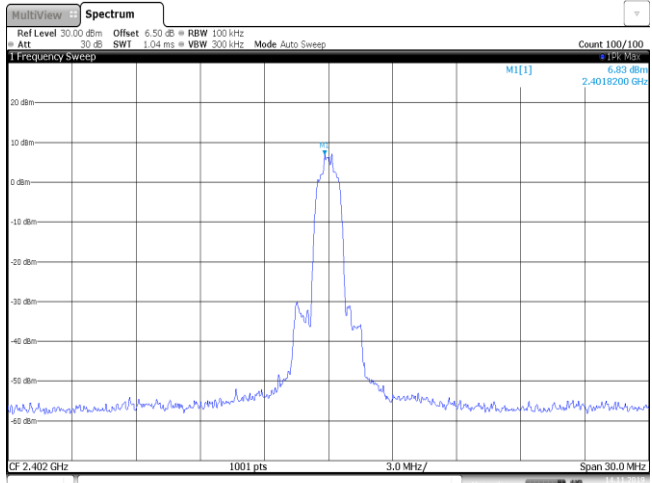
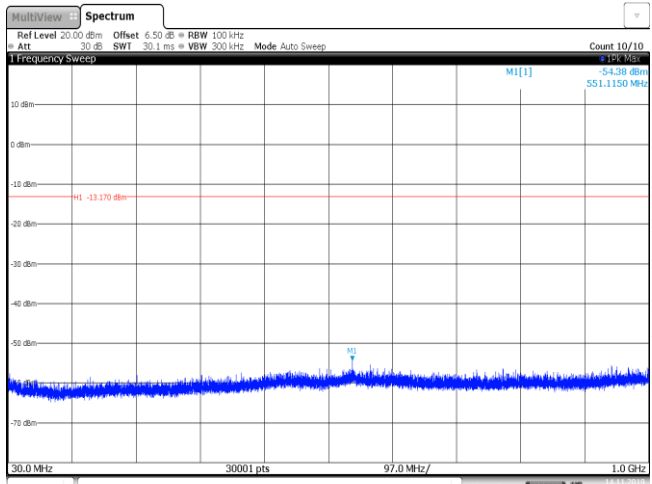
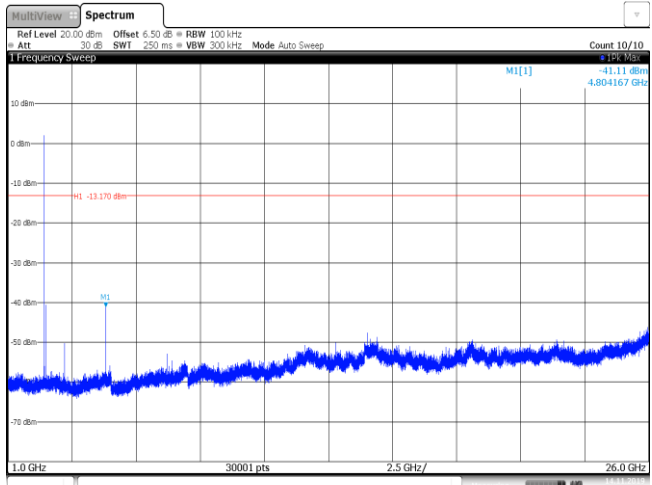


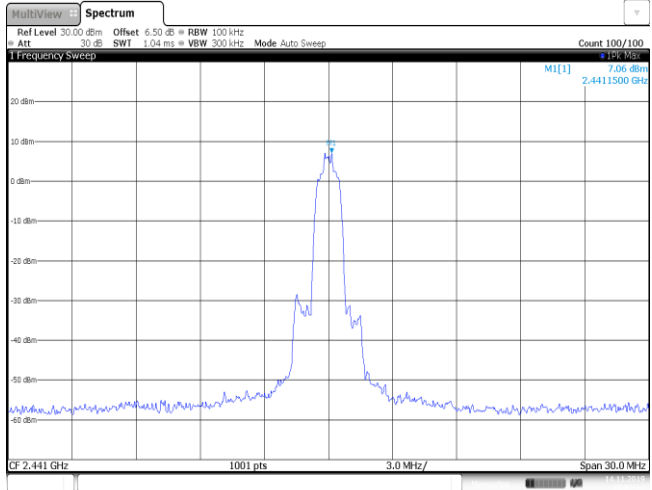
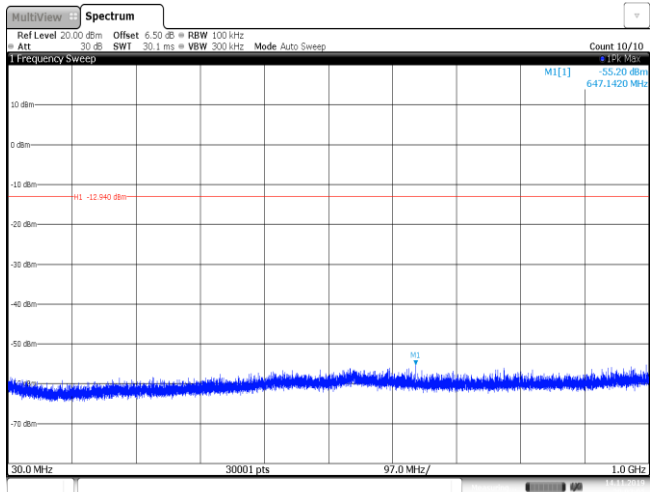
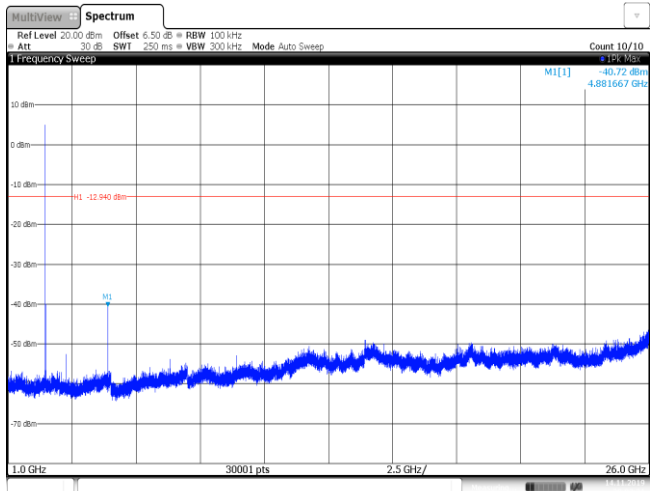
Date: 14/May/2019 20:46:31

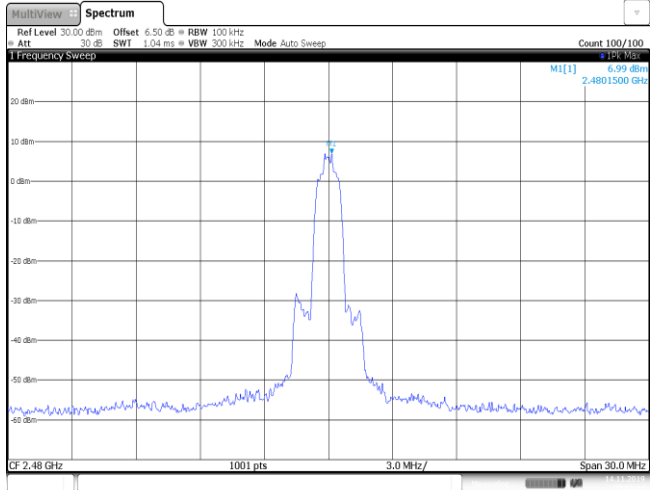
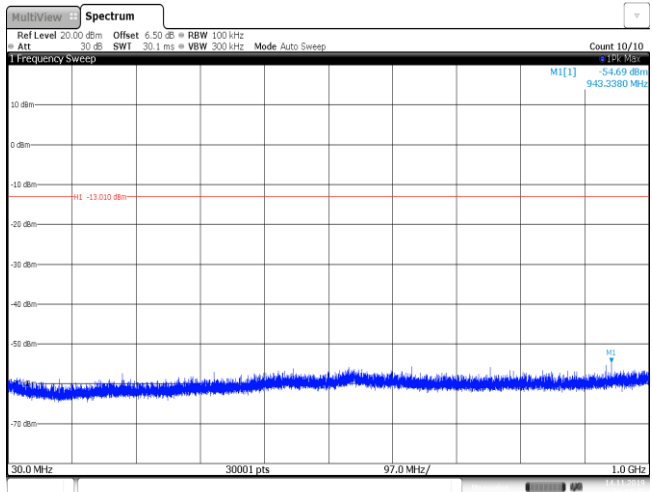
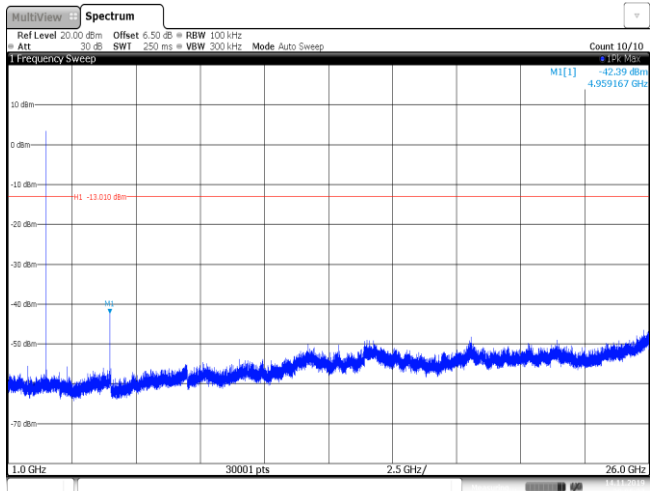
Test Item:	Spurious Emission	Modulation type:	GFSK
CH00 Reference level	 Date: 14/NOV/2019 19:37:10		
CH00 30MHz~1000MHz	 Date: 14/NOV/2019 19:37:26		
CH00 1GHz~26GHz	 Date: 14/NOV/2019 19:38:47		

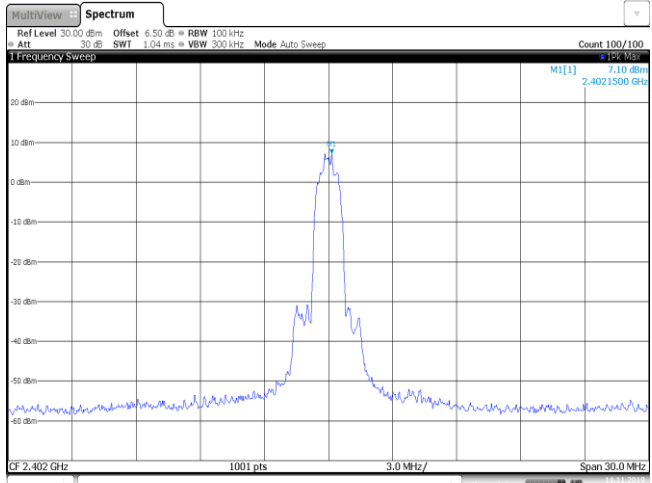
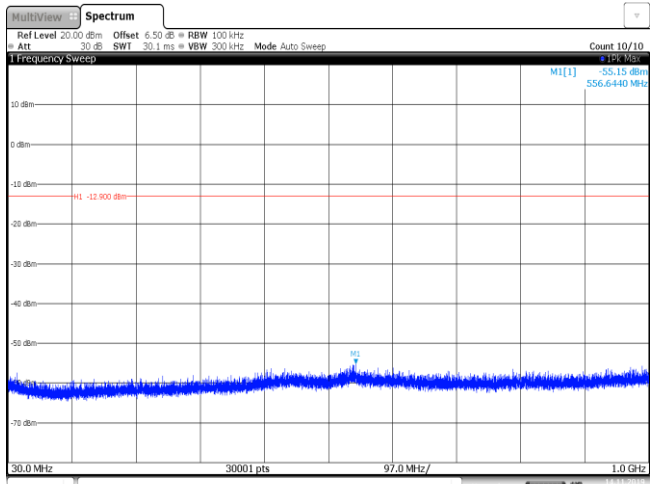
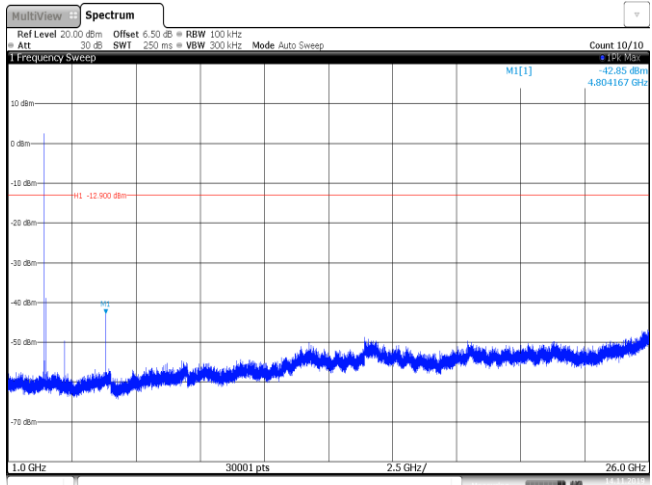
CH39 Reference level	 1 Frequency Sweep Ref Level 30.00 dBm Offset 6.50 dB RBW 100 kHz Att 30 dB SWF 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 M1[1] 8.20 dBm 2.4408200 GHz CF 2.441 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 14/NOV/2019 19:48:23
CH39 30MHz~1000MHz	 1 Frequency Sweep Ref Level 20.00 dBm Offset 6.50 dB RBW 100 kHz Att 30 dB SWF 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -55.18 dBm 557.1610 MHz M1 -11.000 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 14/NOV/2019 19:48:39
CH39 1GHz~26GHz	 1 Frequency Sweep Ref Level 20.00 dBm Offset 6.50 dB RBW 100 kHz Att 30 dB SWF 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -34.05 dBm 4.881667 GHz M1 -11.000 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 14/NOV/2019 19:48:55

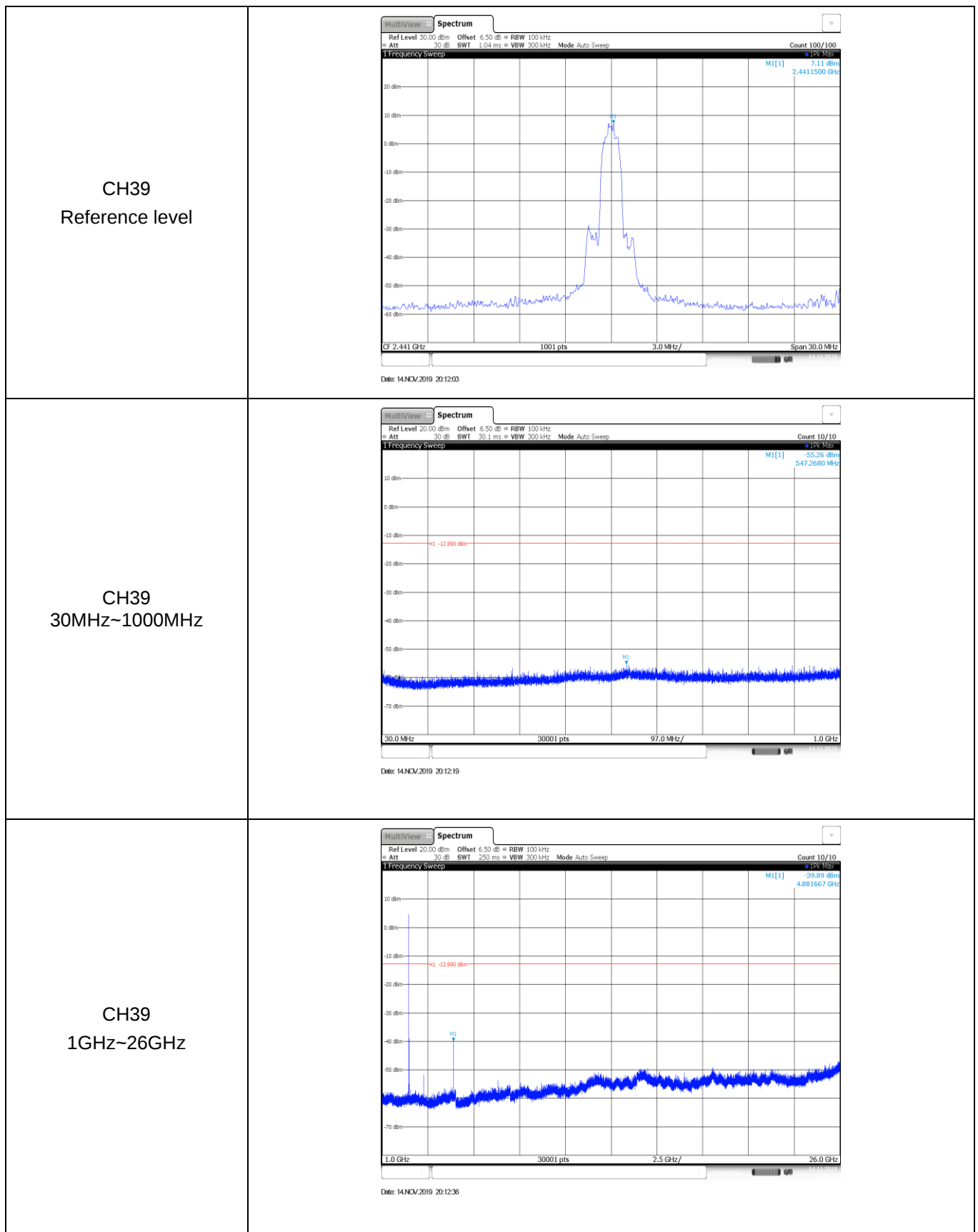


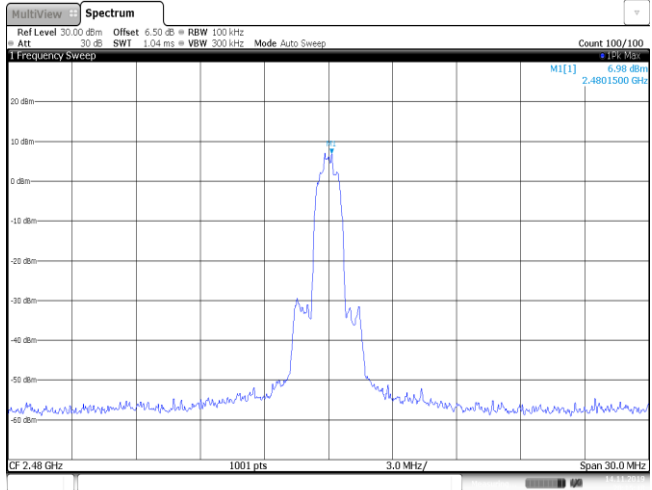
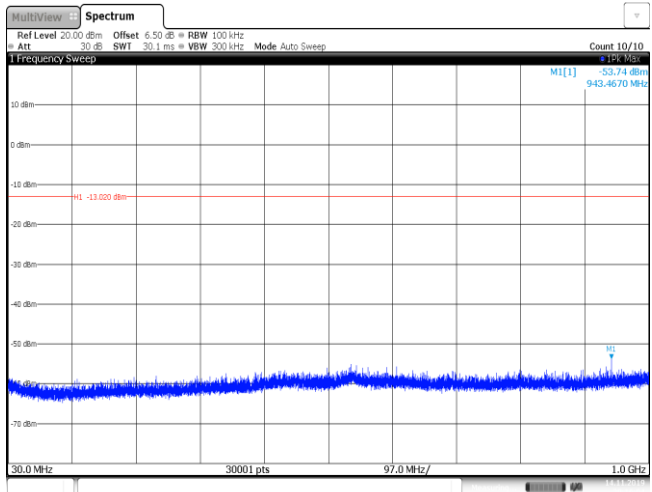
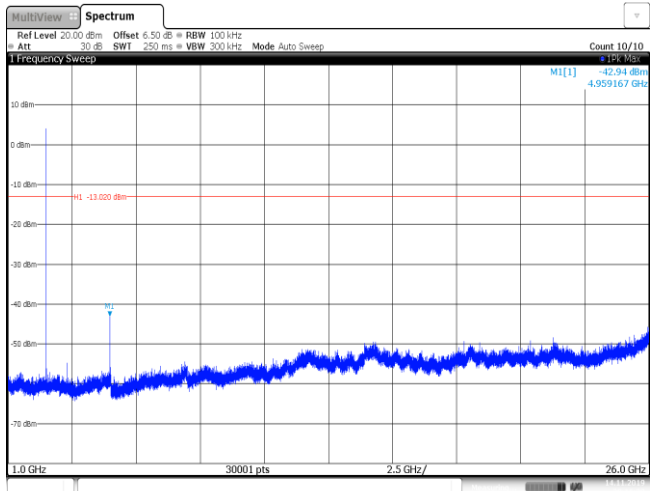
Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
CH00 Reference level	 Ref Level 30.00 dBm Offset 6.50 dB BW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 M1[1] 6.53 dBm 2.4016200 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 14/NOV/2019 20:00:43		
CH00 30MHz~1000MHz	 Ref Level 20.00 dBm Offset 6.50 dB BW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -54.38 dBm 551.1150 MHz M1 -13.170 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 14/NOV/2019 20:00:59		
CH00 1GHz~26GHz	 Ref Level 20.00 dBm Offset 6.50 dB BW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -41.11 dBm 4.804167 GHz M1 -13.170 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 14/NOV/2019 20:01:16		

CH39 Reference level	 The spectrum plot shows a single sharp peak at 2.441 GHz. The y-axis represents power in dBm, ranging from -60 to 20. The x-axis represents frequency in MHz, with a span of 30.0 MHz. The peak is labeled with a count of 100/100 and a value of 7.06 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 30.00 dBm, Offset 6.50 dB, RBW 100 kHz, Att 30 dB, SWF 1.04 ms, VBW 300 kHz, Mode Auto Sweep. The date is 14 NOV 2019 20:02:50.
CH39 30MHz~1000MHz	 The spectrum plot shows a noise floor across the 30 MHz to 1000 MHz range. The y-axis represents power in dBm, ranging from -70 to 10. The x-axis represents frequency in MHz, with a span of 1.0 GHz. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Offset 6.50 dB, RBW 100 kHz, Att 30 dB, SWF 30.1 ms, VBW 300 kHz, Mode Auto Sweep. The date is 14 NOV 2019 20:03:06.
CH39 1GHz~26GHz	 The spectrum plot shows a noise floor across the 1 GHz to 26 GHz range. The y-axis represents power in dBm, ranging from -70 to 10. The x-axis represents frequency in GHz, with a span of 26.0 GHz. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Offset 6.50 dB, RBW 100 kHz, Att 30 dB, SWF 250 ms, VBW 300 kHz, Mode Auto Sweep. The date is 14 NOV 2019 20:03:22.

CH78 Reference level	 The spectrum plot shows a single sharp peak at 2.48 GHz. The y-axis represents power in dBm, ranging from -60 to 20. The x-axis represents frequency in MHz, with a span of 30.0 MHz. The peak is labeled with a count of 100/100 and a value of 6.99 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 30.00 dBm, Offset 6.50 dB, RBW 100 kHz, Att 30 dB, SWF 1.04 ms, VBW 300 kHz, Mode Auto Sweep. The date is 14 NOV 2019 20:05:04.
CH78 30MHz~1000MHz	 The spectrum plot shows a noisy baseline across the 30 MHz to 1000 MHz range. The y-axis ranges from -70 to 10 dBm. The x-axis ranges from 30.0 MHz to 1.0 GHz. A horizontal red line is drawn at -13.010 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Offset 6.50 dB, RBW 100 kHz, Att 30 dB, SWF 30.1 ms, VBW 300 kHz, Mode Auto Sweep. The date is 14 NOV 2019 20:05:20.
CH78 1GHz~26GHz	 The spectrum plot shows a noisy baseline across the 1 GHz to 26 GHz range. The y-axis ranges from -70 to 10 dBm. The x-axis ranges from 1.0 GHz to 26.0 GHz. A horizontal red line is drawn at -13.010 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Offset 6.50 dB, RBW 100 kHz, Att 30 dB, SWF 250 ms, VBW 300 kHz, Mode Auto Sweep. The date is 14 NOV 2019 20:05:36.

Test Item:	Spurious Emission	Modulation type:	8DPSK
CH00 Reference level	 Ref Level 30.00 dBm Offset 6.50 dB BW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 M1[1] 7.10 dBm 2.4021500 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 14/NOV/2019 20:10:05		
CH00 30MHz~1000MHz	 Ref Level 20.00 dBm Offset 6.50 dB BW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -55.15 dBm 556.6440 MHz M1 -12.900 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 14/NOV/2019 20:10:21		
CH00 1GHz~26GHz	 Ref Level 20.00 dBm Offset 6.50 dB BW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -42.85 dBm 4.804167 GHz M1 -12.900 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 14/NOV/2019 20:10:37		



CH78 Reference level	 The spectrum plot shows a single sharp peak at 2.48 GHz. The y-axis represents power in dBm, ranging from -60 to 20. The x-axis represents frequency in MHz, with a span of 30.0 MHz. The peak is labeled with a count of 100/100 and a value of 6.98 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 30.00 dBm, Offset 6.50 dB, RBW 100 kHz, Att 30 dB, SWF 1.04 ms, VBW 300 kHz, Mode Auto Sweep. The date is 14 NOV 2019 20:15:48.
CH78 30MHz~1000MHz	 The spectrum plot shows a noisy baseline across the 30 MHz to 1000 MHz range. The y-axis ranges from -70 to 10 dBm. The x-axis ranges from 30.0 MHz to 1.0 GHz. A red horizontal line is drawn at -13.000 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Offset 6.50 dB, RBW 100 kHz, Att 30 dB, SWF 30.1 ms, VBW 300 kHz, Mode Auto Sweep. The date is 14 NOV 2019 20:16:04.
CH78 1GHz~26GHz	 The spectrum plot shows a noisy baseline across the 1 GHz to 26 GHz range. The y-axis ranges from -70 to 10 dBm. The x-axis ranges from 1.0 GHz to 26.0 GHz. A red horizontal line is drawn at -13.000 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Offset 6.50 dB, RBW 100 kHz, Att 30 dB, SWF 250 ms, VBW 300 kHz, Mode Auto Sweep. The date is 14 NOV 2019 20:16:20.

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