

APPENDIX REPORT

Project No.	SHT2005116804EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT20051168010	Model No.	CT9E78Q22N
Start test date	2020/5/28	Finish date	2020/6/4
Temperature	25°C	Humidity	50%
Test Engineer	Jess He	Auditor	<i>William.wang</i>

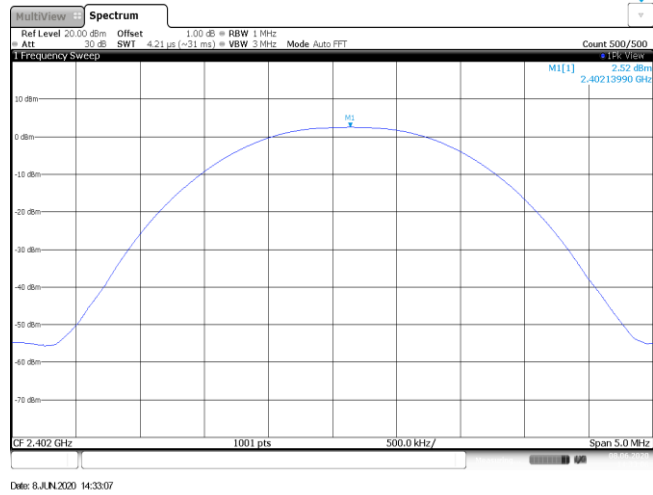
Appendix clause	Test item	Result
A	Peak Output Power	PASS
B	20 dB Bandwidth	PASS
C	99% Occupied Bandwidth	PASS
D	Carrier Frequencies Separation	PASS
E	Hopping Channel Number	PASS
F	Dwell Time	PASS
G	Duty Cycle Correction Factor (DCCF)	PASS
H	Band edge and Spurious Emissions(coducted)	PASS

Appendix A: Peak Output Power

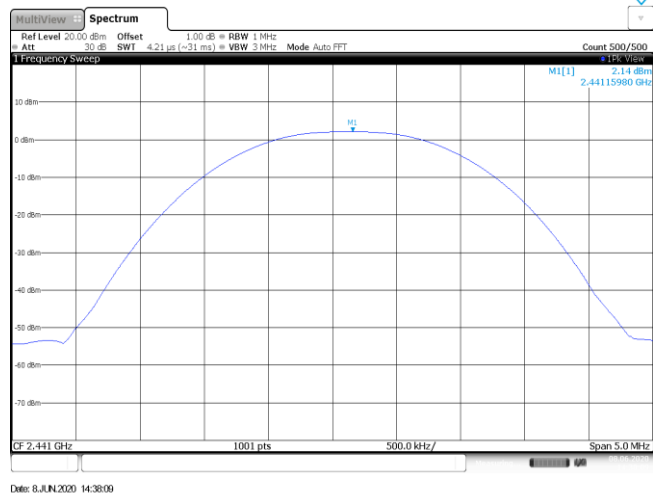
Modulation type	Channel	Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
GFSK	00	2.52	2.43	≤ 30.00	Pass
	39	2.14	2.09		
	78	2.52	2.41		
π/4DQPSK	00	2.00	1.16	≤ 21.00	Pass
	39	1.59	1.04		
	78	2.12	1.52		
8DPSK	00	2.01	1.74	≤ 21.00	Pass
	39	1.60	1.19		
	78	2.16	1.66		

Modulation Type: GFSK

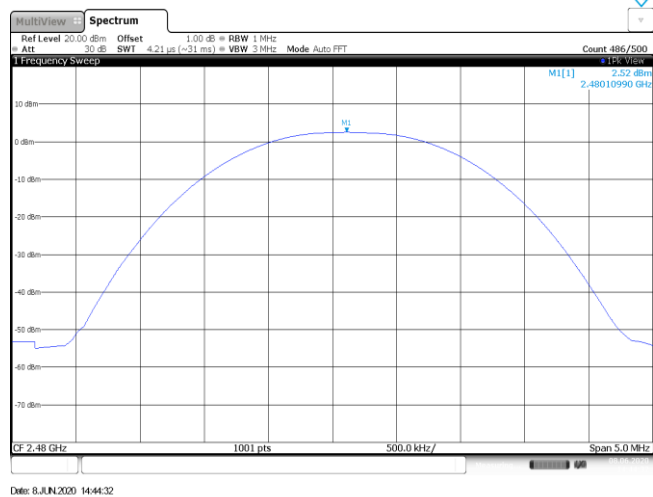
CH00



CH39

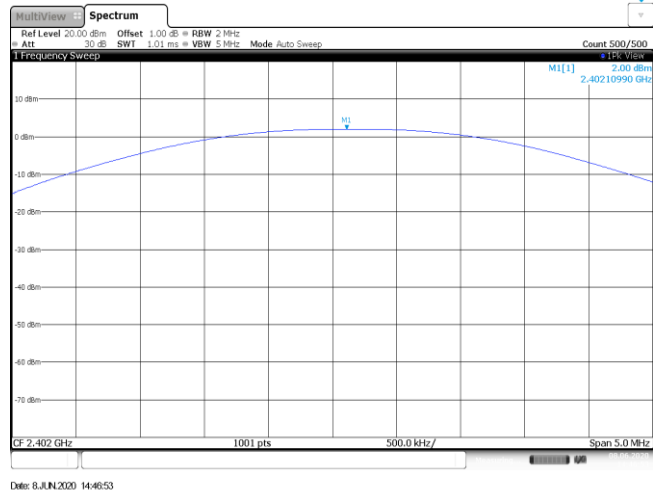


CH78

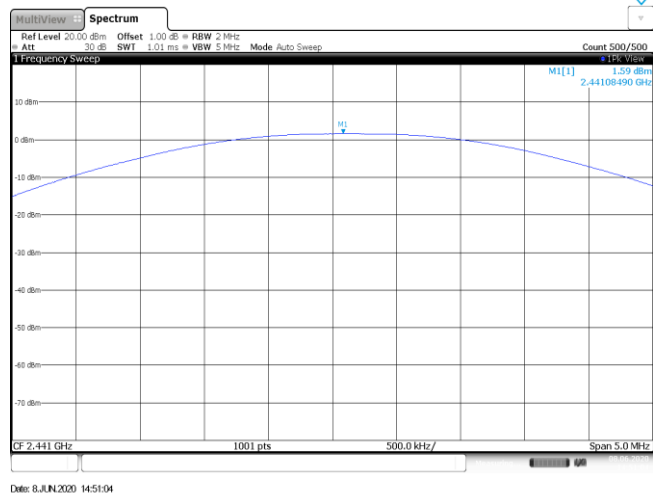


Modulation Type: $\pi/4$ DQPSK

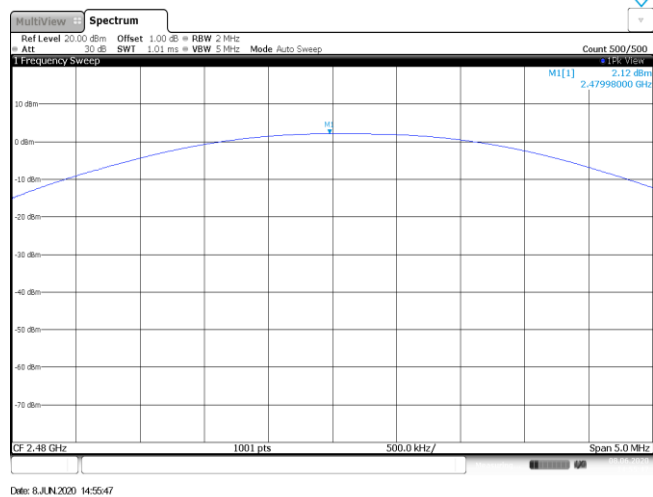
CH00



CH39

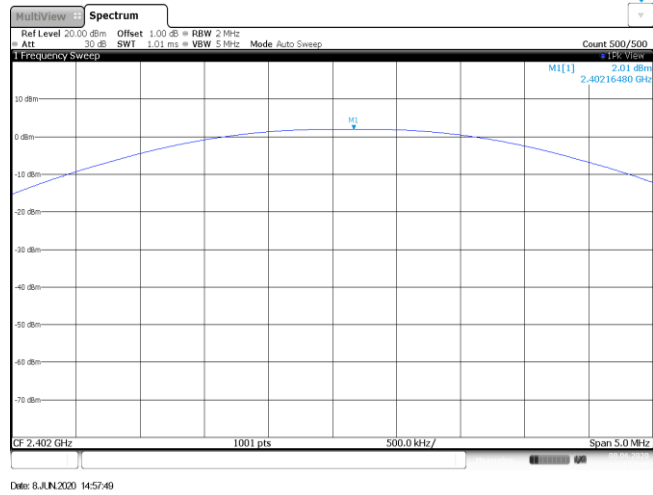


CH78



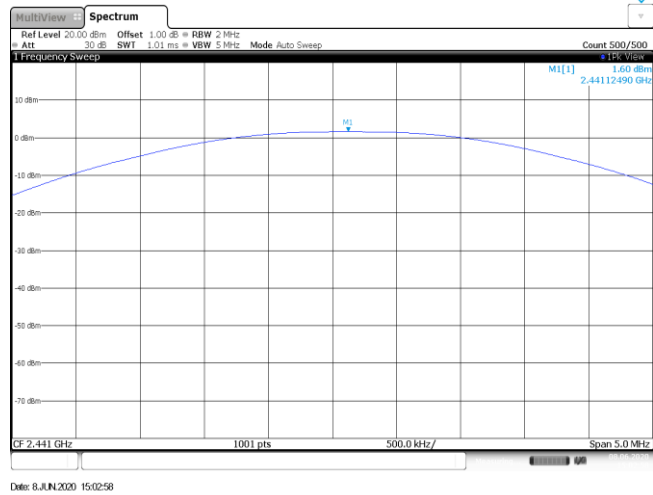
Modulation Type: 8DPSK

CH00



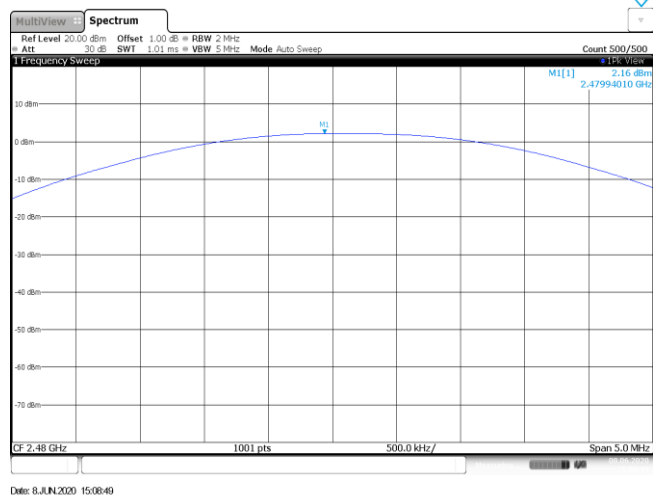
Date: 8 JUN 2020 14:57:49

CH39



Date: 8 JUN 2020 15:02:58

CH78



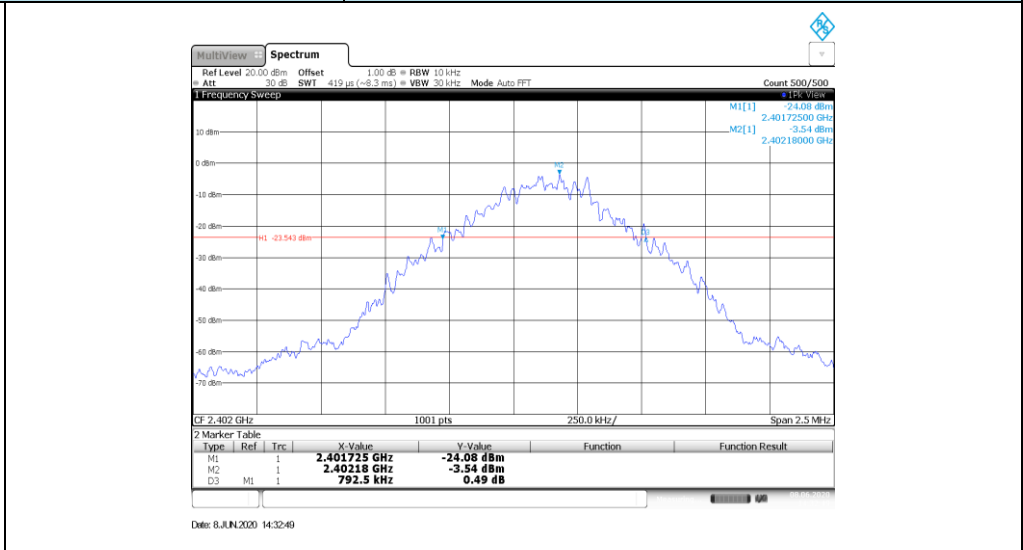
Date: 8 JUN 2020 15:08:49

Appendix B : 20 dB Bandwidth

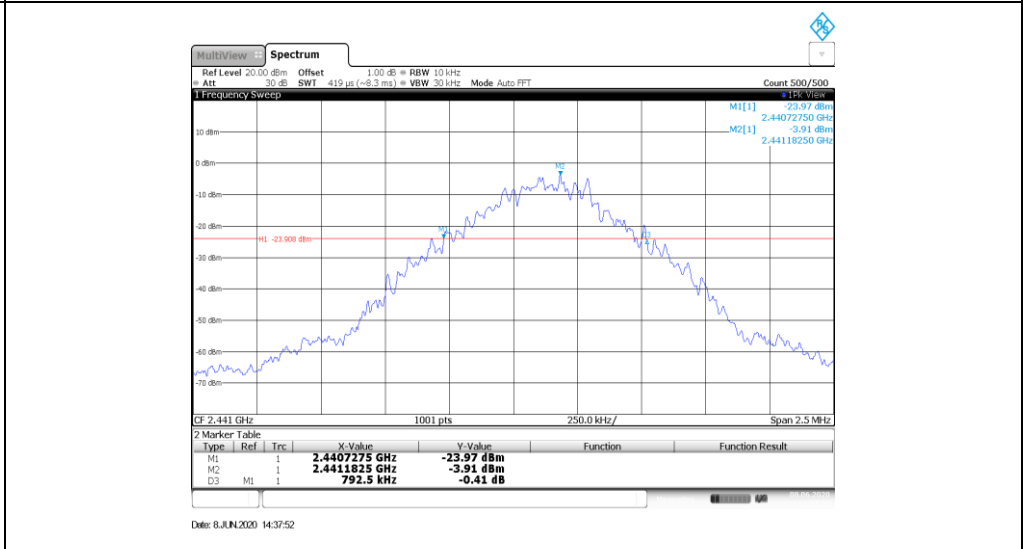
Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	793	-	Pass
	39	793		
	78	843		
$\pi/4$ DQPSK	00	1268	-	Pass
	39	1278		
	78	1260		
8DPSK	00	1270	-	Pass
	39	1265		
	78	1268		

Modulation Type: GFSK

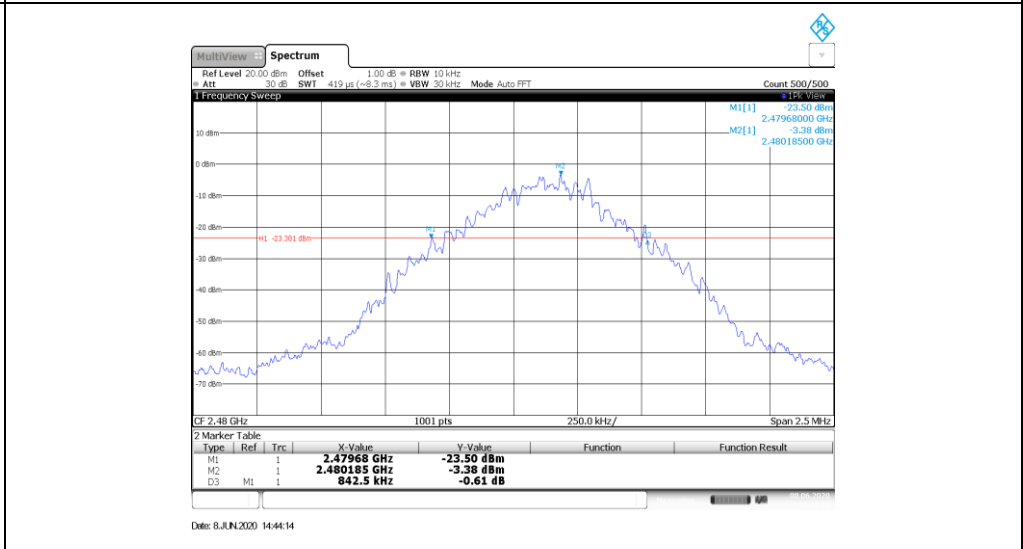
CH00



CH39

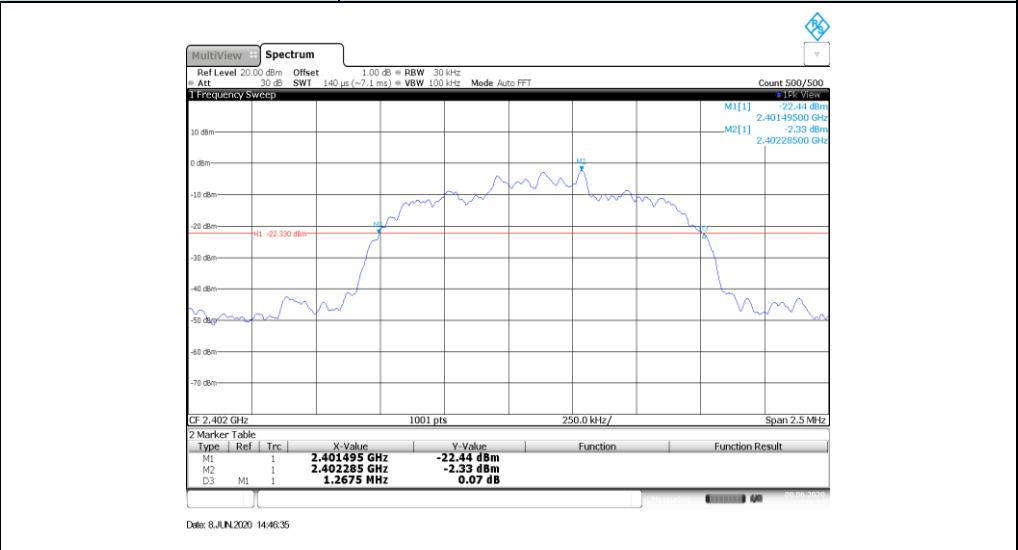


CH78

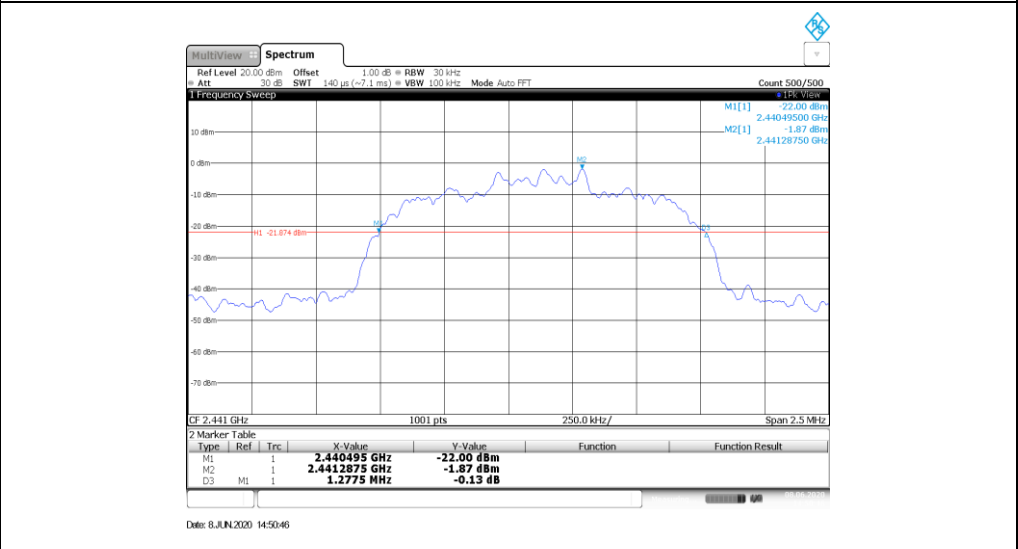


Modulation Type: $\pi/4$ DQPSK

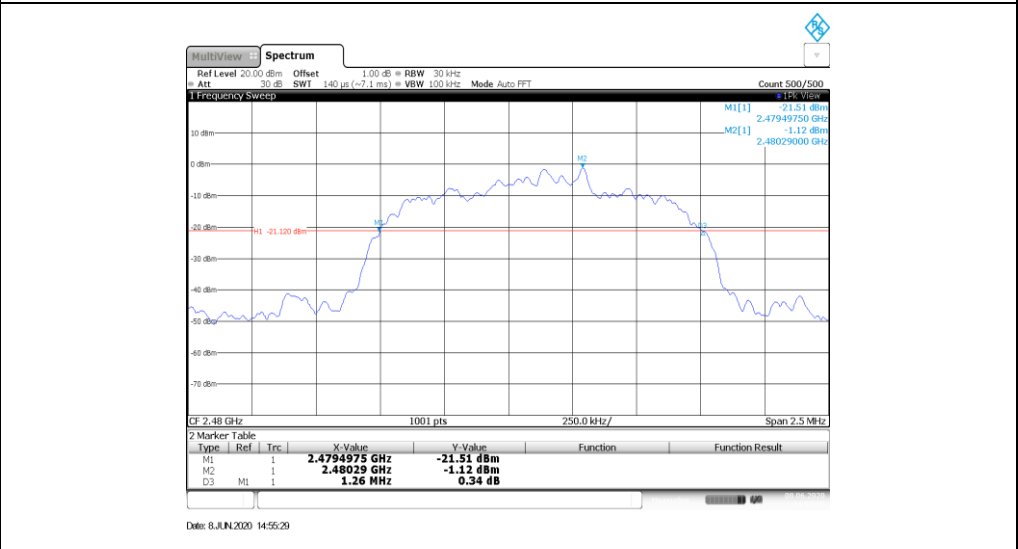
CH00



CH39

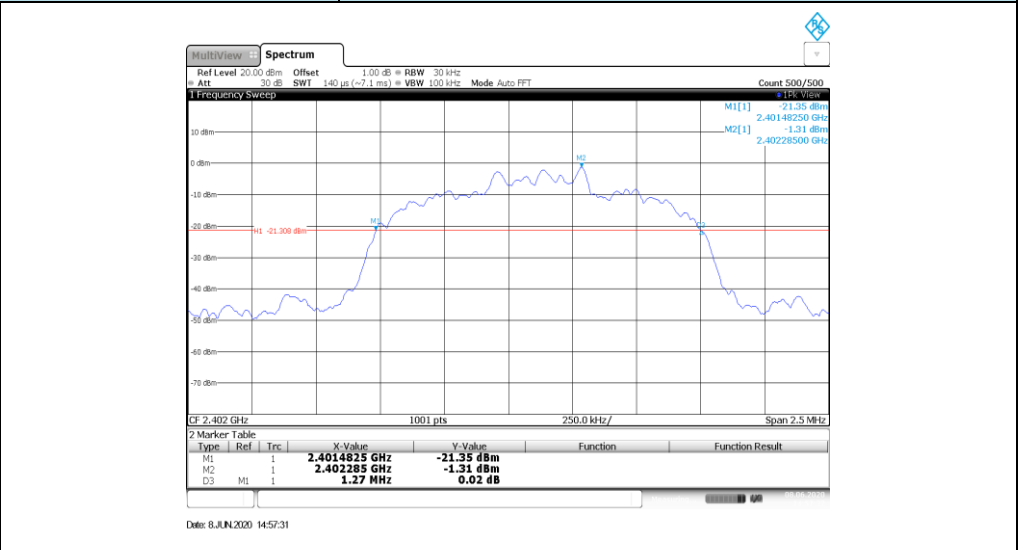


CH78

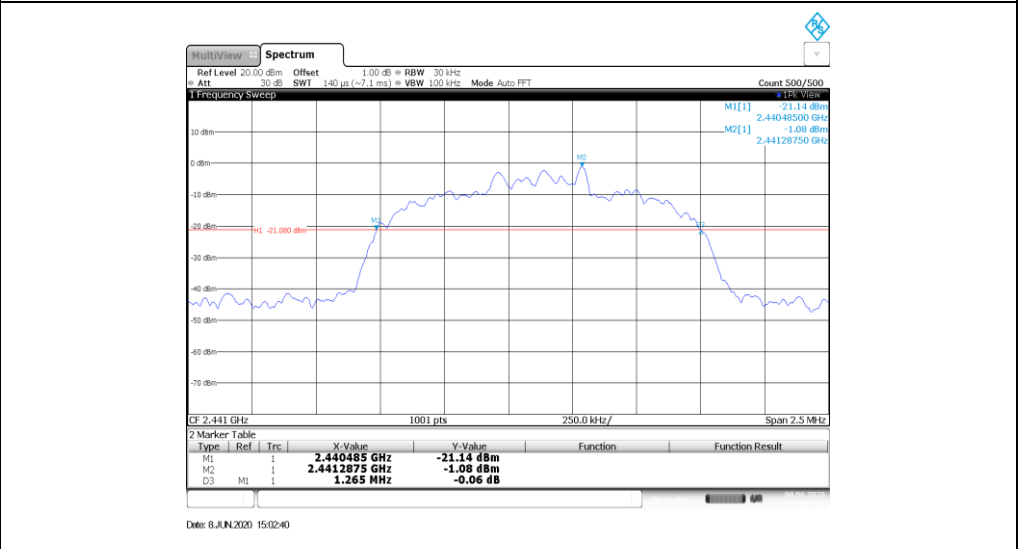


Modulation Type: 8DPSK

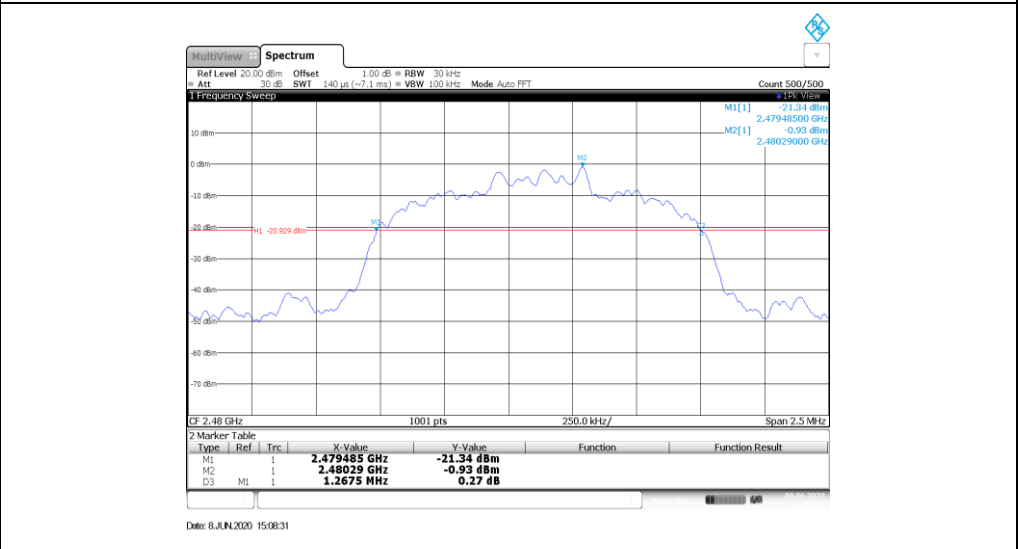
CH00



CH39



CH78

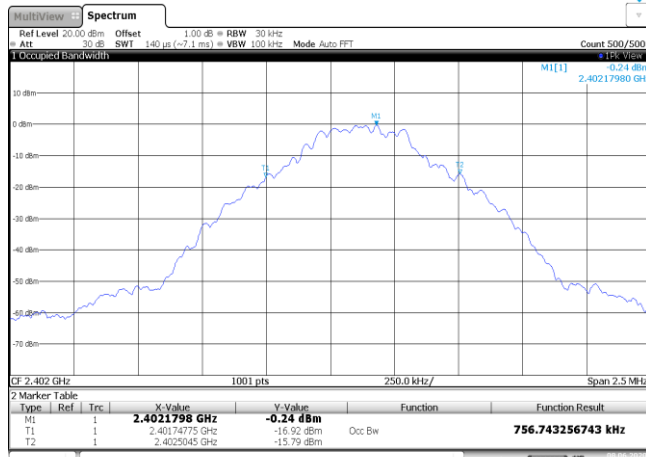


Appendix C: 99% Occupied Bandwidth

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.76	-	Pass
	39	0.75		
	78	0.76		
$\pi/4$ DQPSK	00	1.15	-	Pass
	39	1.15		
	78	1.15		
8DPSK	00	1.15	-	Pass
	39	1.15		
	78	1.15		

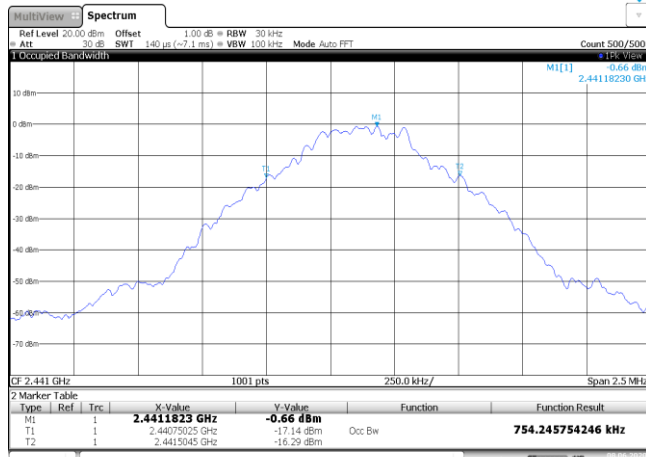
Modulation Type: GFSK

CH00



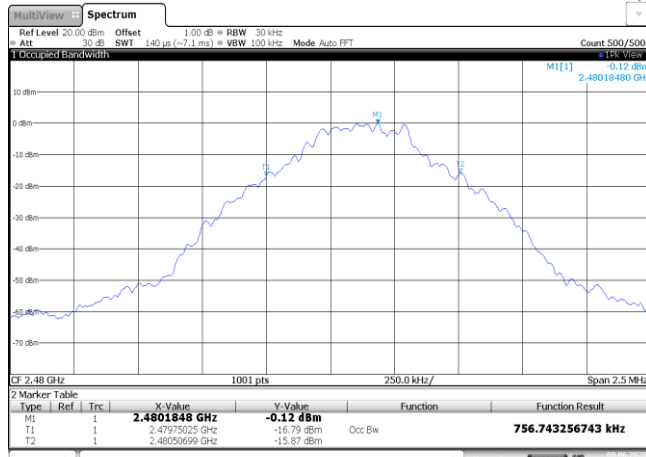
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CH39



Date: 8 JUN 2020 14:38:00

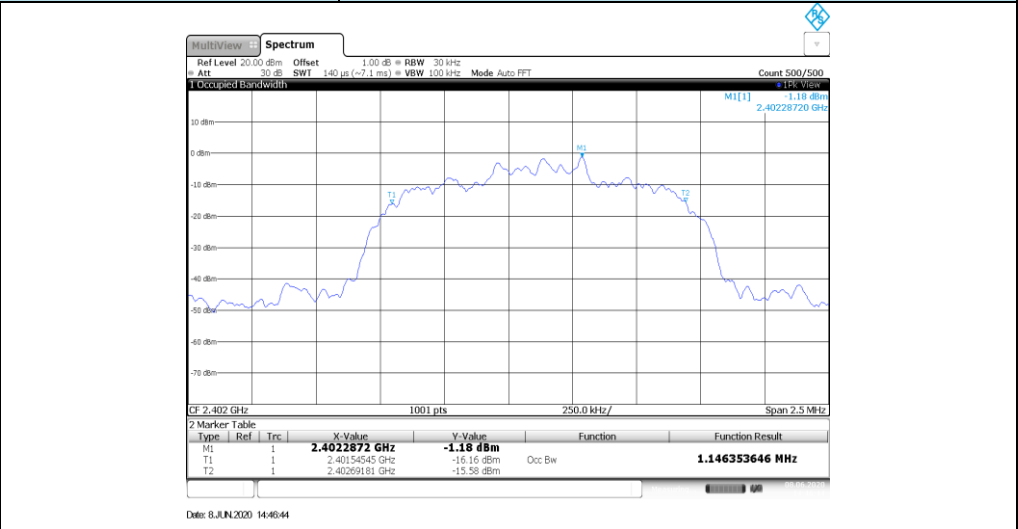
CH78



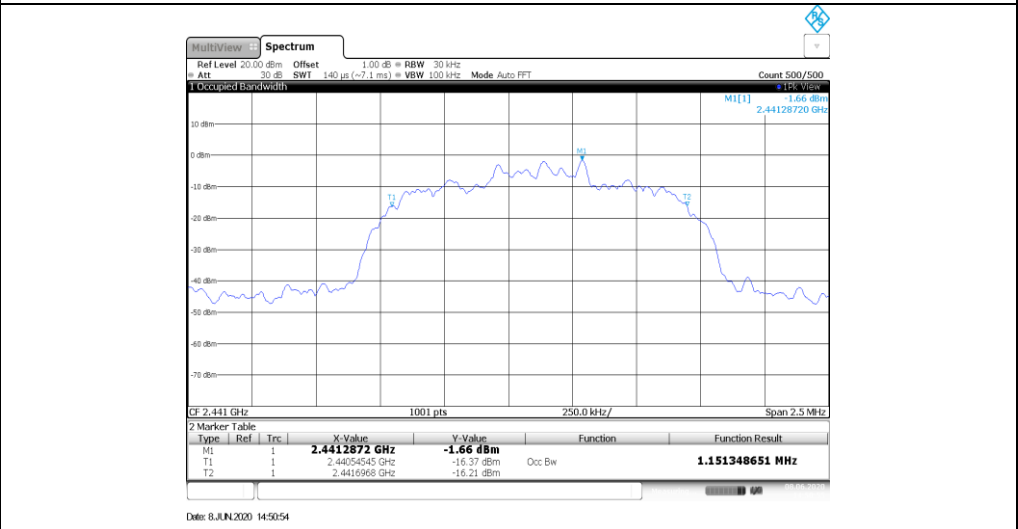
Date: 8 JUN 2020 14:44:23

Modulation Type: $\pi/4$ DQPSK

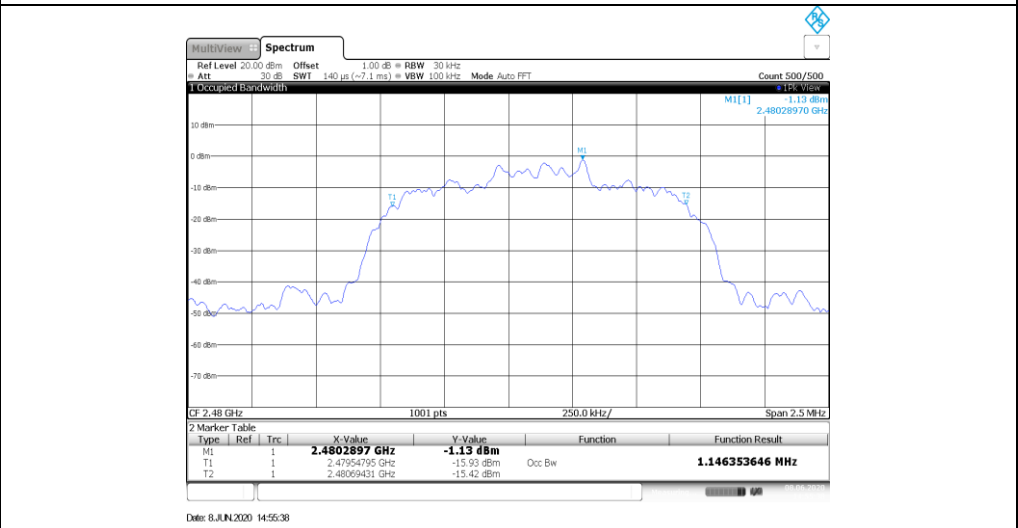
CH00



CH39

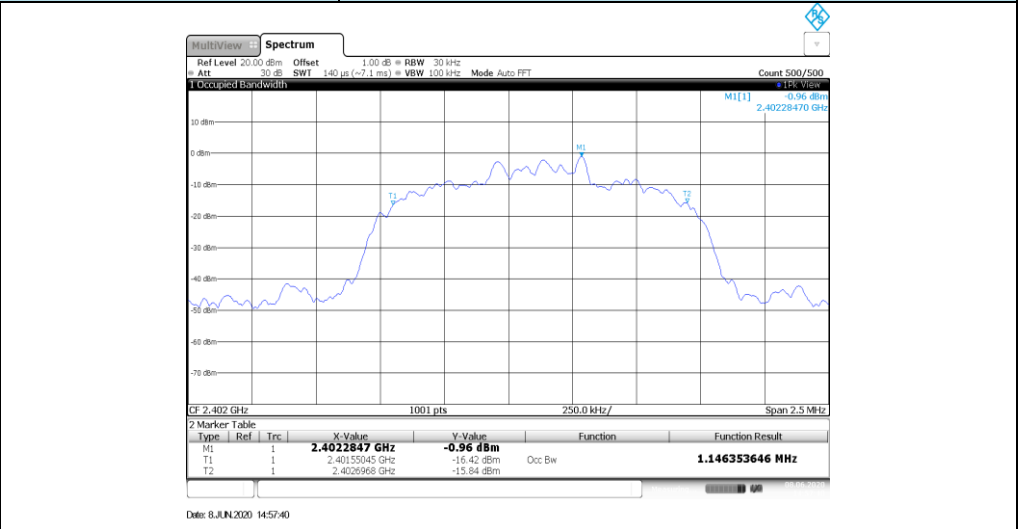


CH78

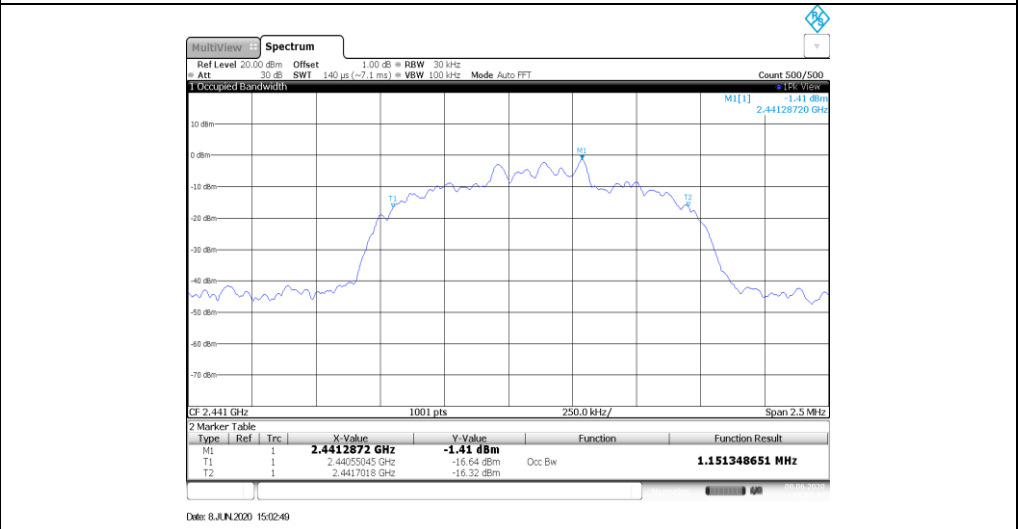


Modulation Type: 8DPSK

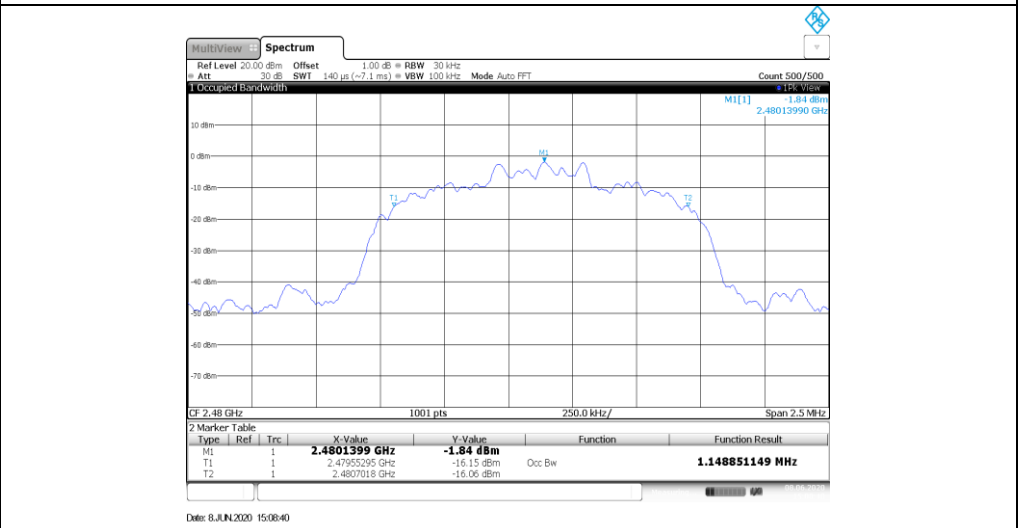
CH00



CH39



CH78



Appendix D: Carrier Frequencies Separation

Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥843	Pass
$\pi/4$ DQPSK	39	1.00	≥852	Pass
8DPSK	39	1.00	≥847	Pass

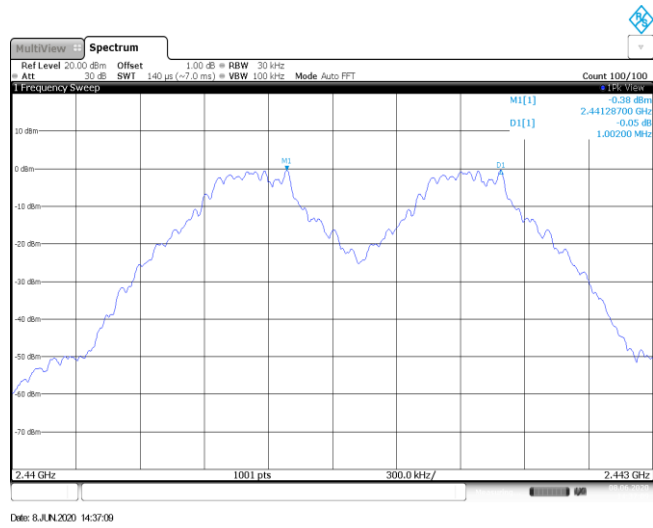
Note:

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

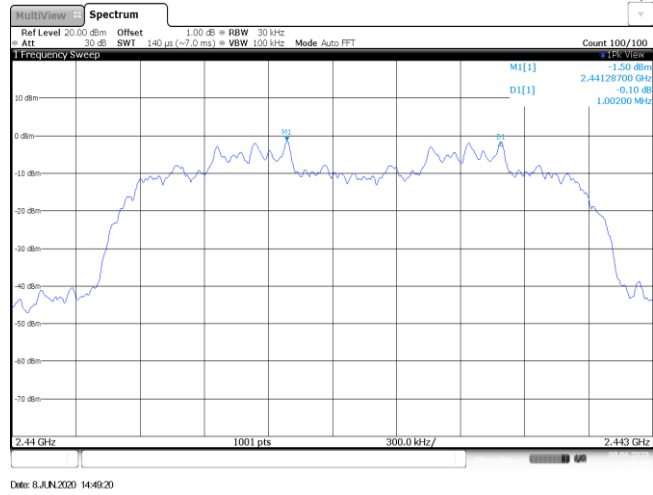
$\pi/4$ DQPSK limit = $2/3$ * The maximum 20 dB Bandwidth for $\pi/4$ DQPSK modulation on the appendix B.

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

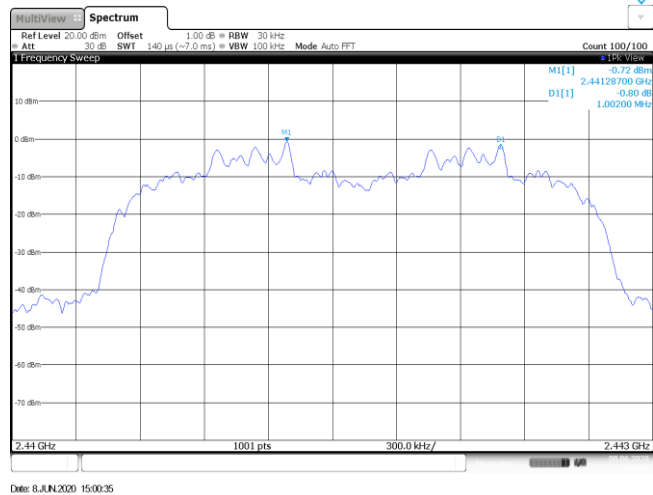
GFSK



$\pi/4$ DQPSK



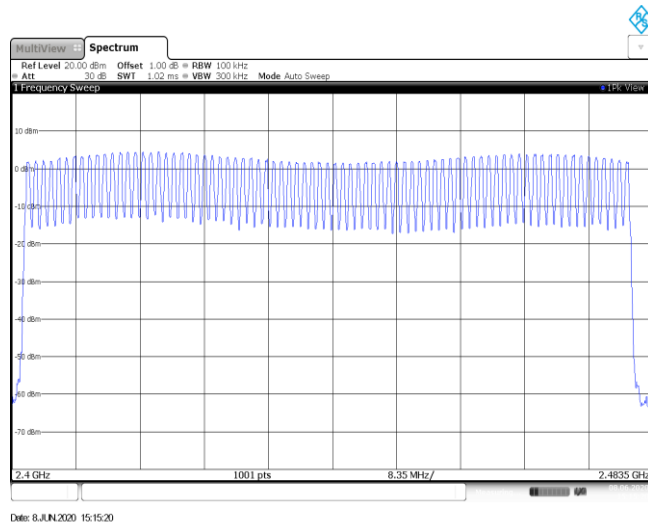
8DPSK



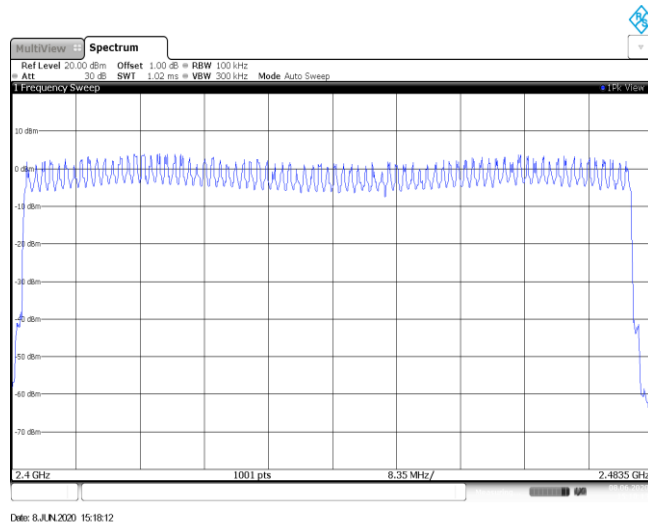
Appendix E: Hopping Channel Number

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

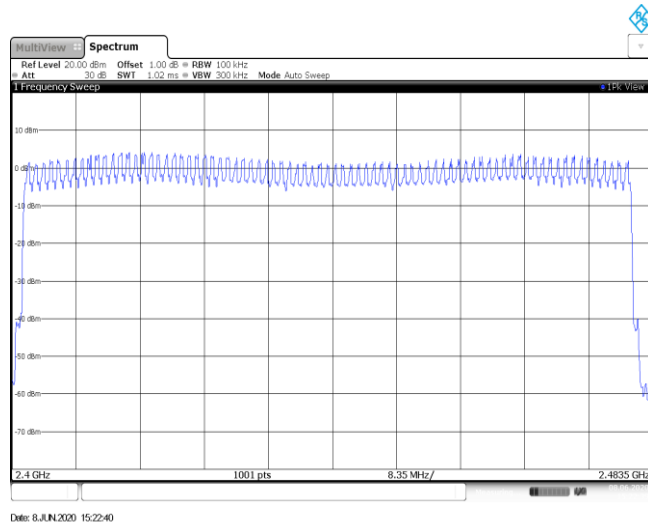
GFSK



$\pi/4$ DQPSK

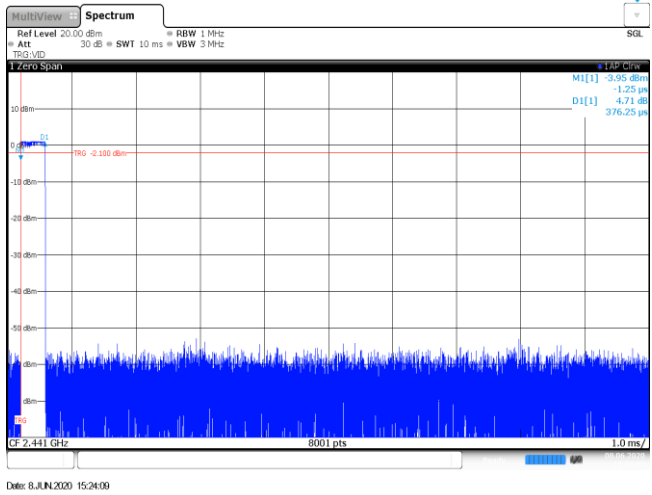
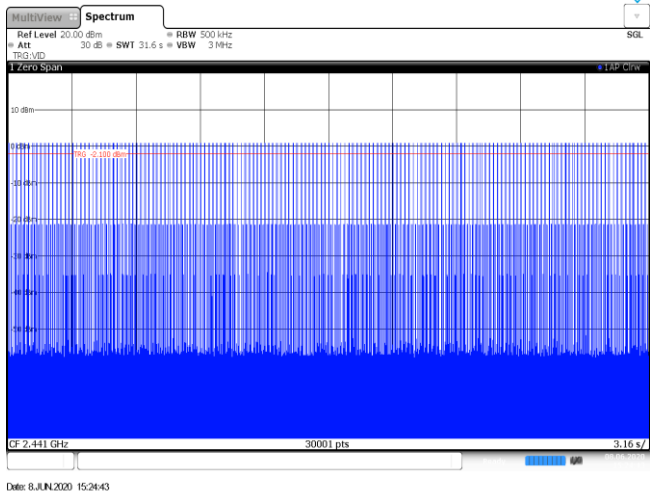
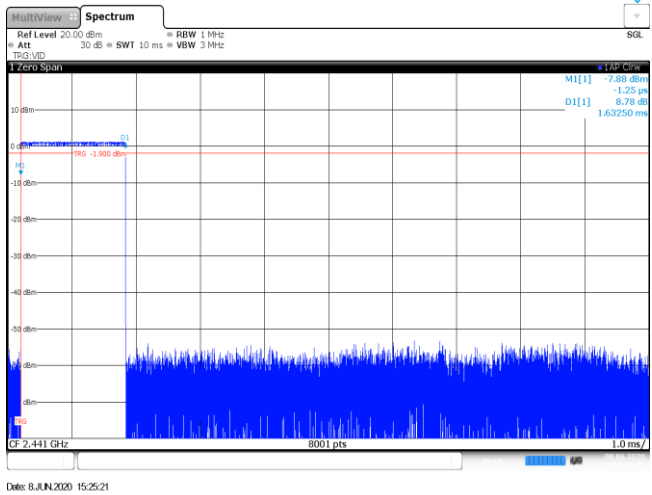


8DPSK

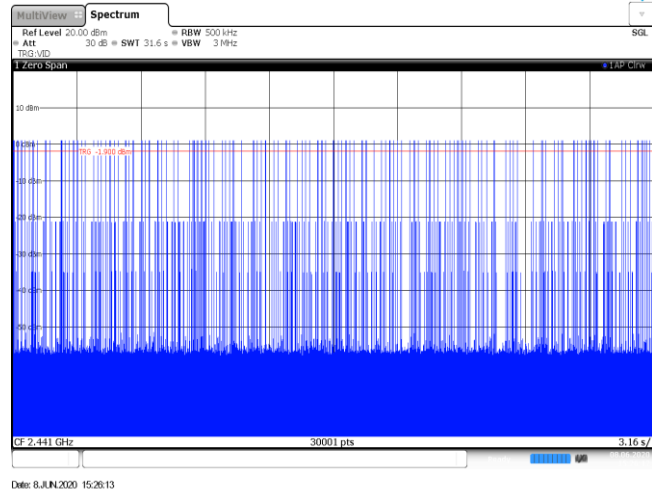


Appendix F: Dwell Time

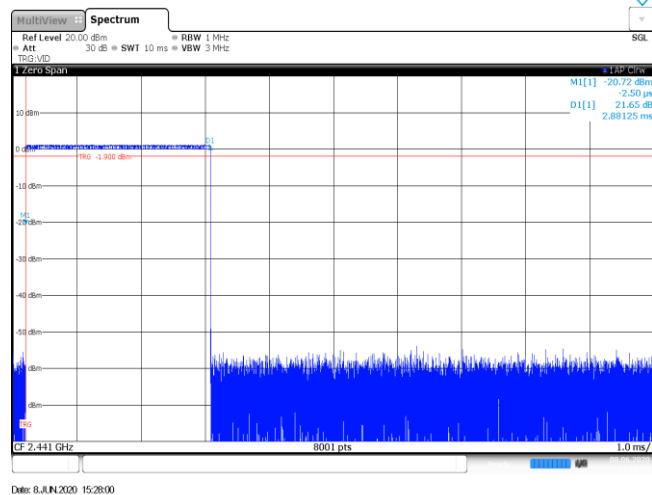
Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.38	315	0.12	≤ 0.40	Pass
	DH3	1.63	162	0.26		
	DH5	2.88	105	0.30		
π/4DQPSK	2DH1	0.38	314	0.12	≤ 0.40	Pass
	2DH3	1.64	158	0.26		
	2DH5	2.88	105	0.30		
8DPSK	3DH1	0.38	314	0.12	≤ 0.40	Pass
	3DH3	1.64	158	0.26		
	3DH5	2.89	103	0.30		

Modulation Type:	GFSK
<p>DH1 Burst width</p>	 <p>The plot shows a spectrum with a reference level of 20.00 dBm, attenuation of 30 dB, and a span of 1 MHz. The signal is centered at 2.441 GHz. A red horizontal line indicates a threshold at -2.100 dBm. The plot shows a burst of signal activity between approximately -10 dBm and 0 dBm. The x-axis is labeled 'CF 2.441 GHz' and '8001 pts'. The y-axis is labeled 'dBm' and ranges from -60 to 10. The date is 8 JUN 2020 15:24:09.</p>
<p>DH1 Burst number</p>	 <p>The plot shows a spectrum with a reference level of 20.00 dBm, attenuation of 30 dB, and a span of 500 kHz. The signal is centered at 2.441 GHz. A red horizontal line indicates a threshold at -2.100 dBm. The plot shows a dense burst of signal activity between approximately -10 dBm and 0 dBm. The x-axis is labeled 'CF 2.441 GHz' and '30001 pts'. The y-axis is labeled 'dBm' and ranges from -60 to 10. The date is 8 JUN 2020 15:24:43.</p>
<p>DH3 Burst width</p>	 <p>The plot shows a spectrum with a reference level of 20.00 dBm, attenuation of 30 dB, and a span of 1 MHz. The signal is centered at 2.441 GHz. A red horizontal line indicates a threshold at -1.900 dBm. The plot shows a burst of signal activity between approximately -10 dBm and 0 dBm. The x-axis is labeled 'CF 2.441 GHz' and '8001 pts'. The y-axis is labeled 'dBm' and ranges from -60 to 10. The date is 8 JUN 2020 15:25:21.</p>

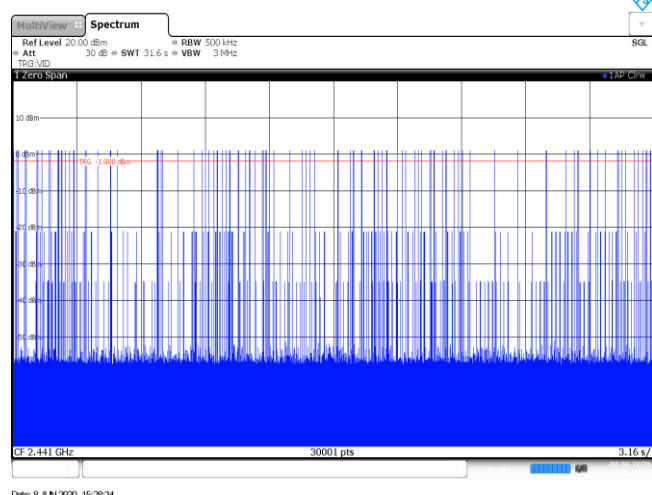
DH3
Burst number



DH5
Burst width

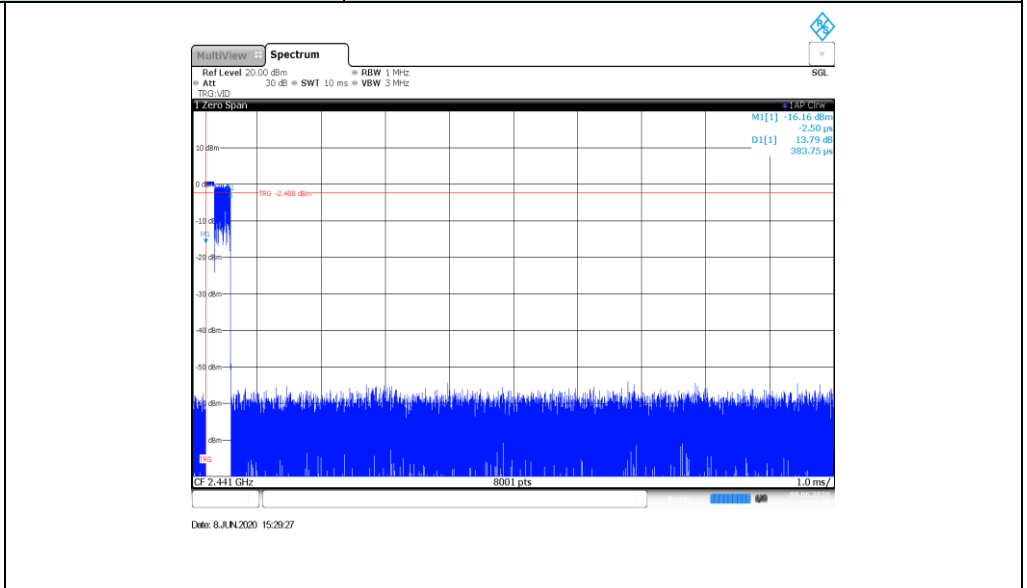


DH5
Burst number

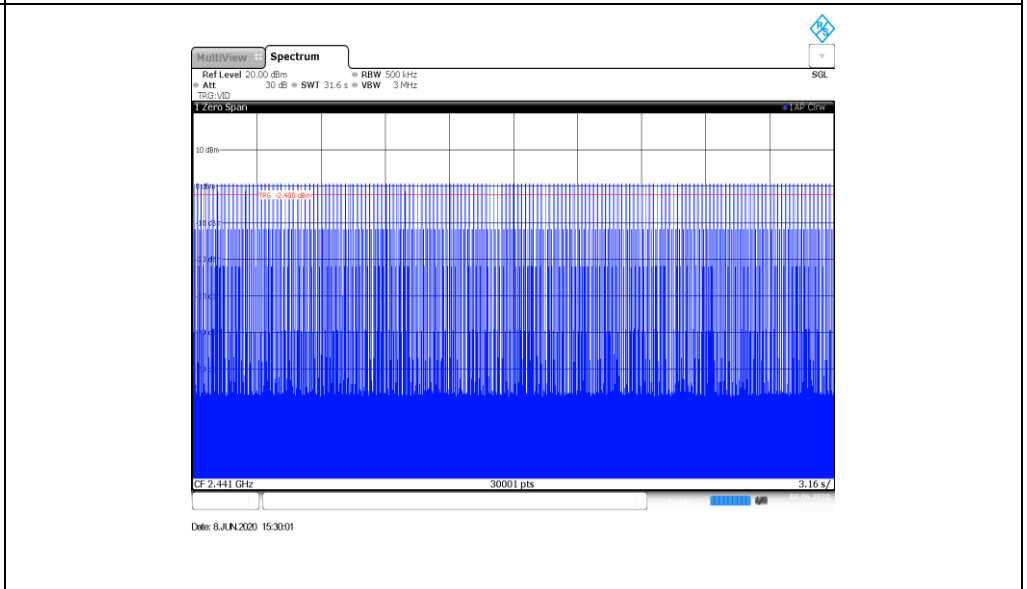


Modulation Type: $\pi/4$ DQPSK

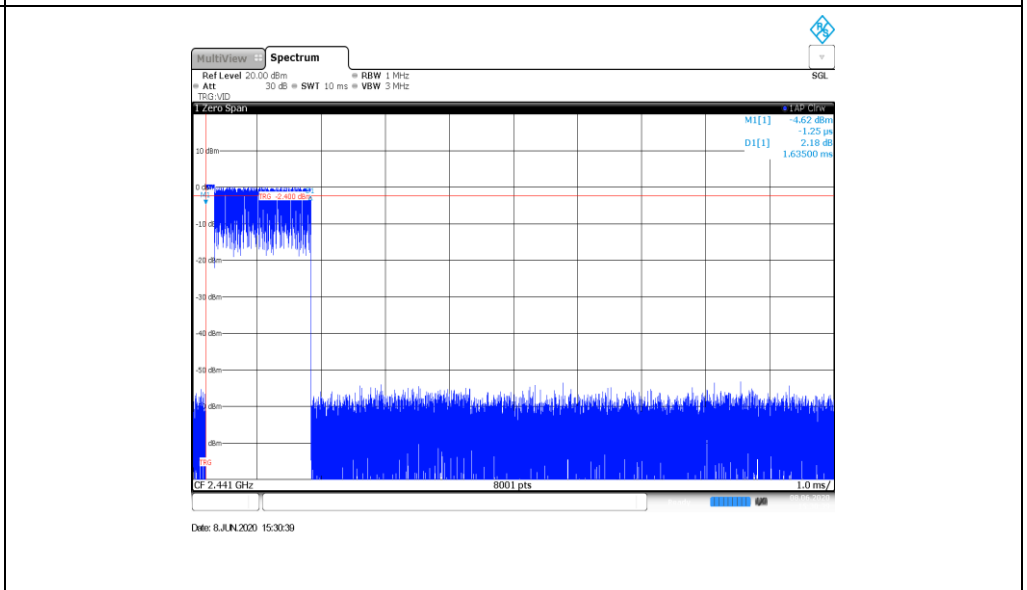
2DH1
Burst width



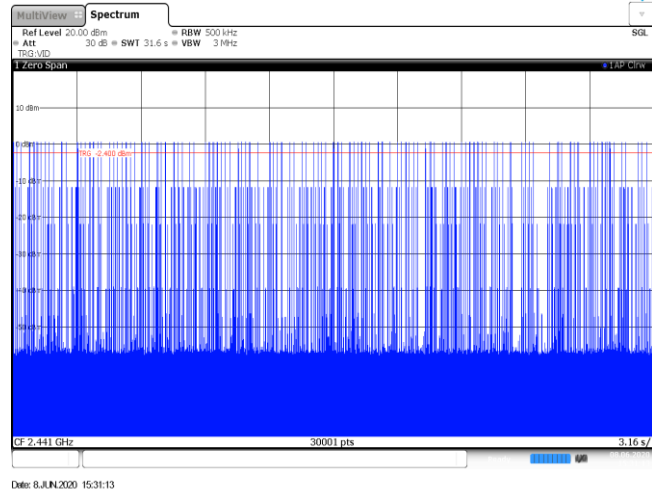
2DH1
Burst number



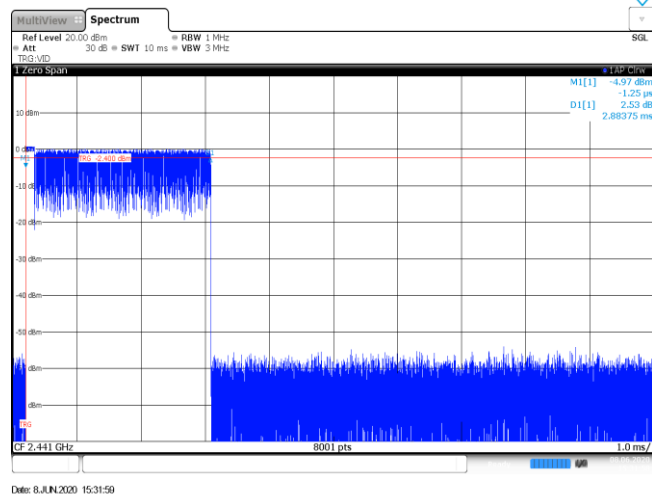
2DH3
Burst width



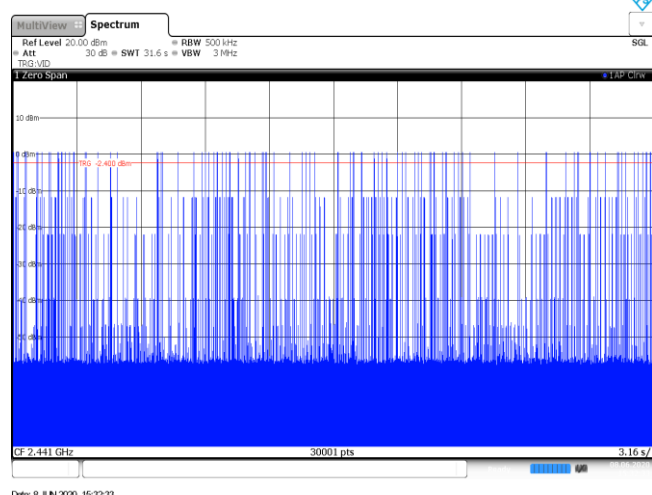
2DH3
Burst number



2DH5
Burst width

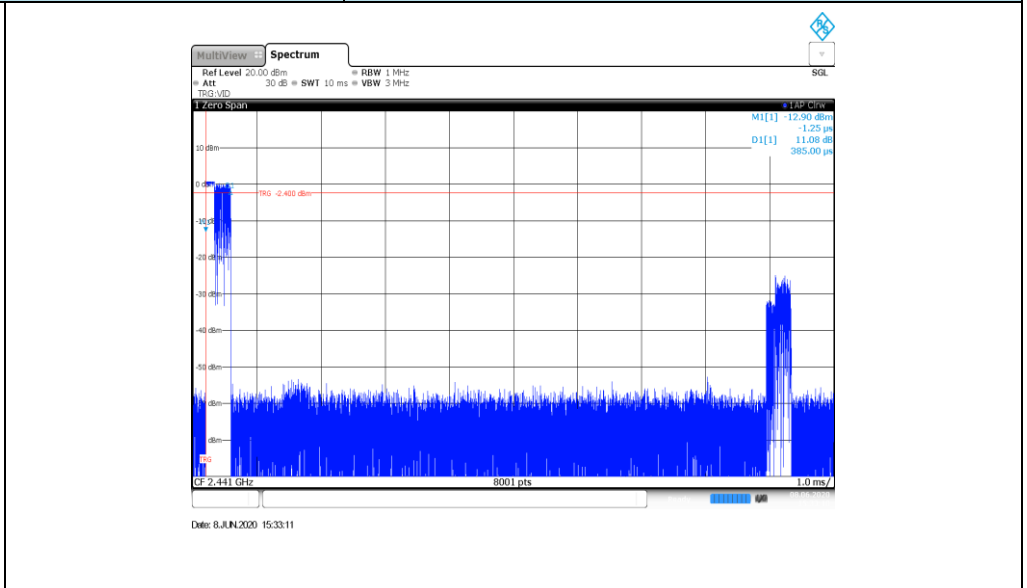


2DH5
Burst number

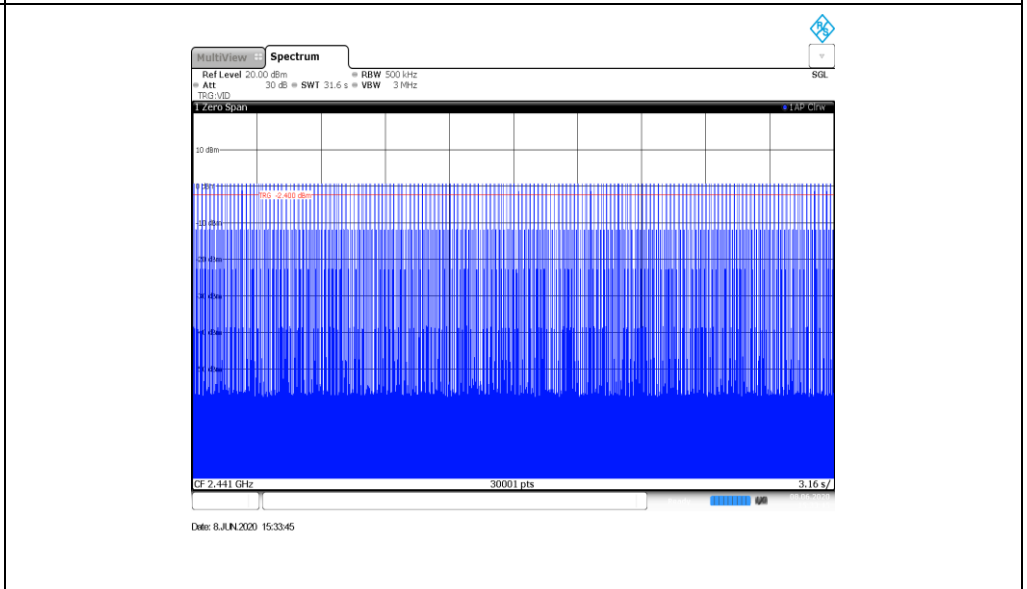


Modulation Type: 8DPSK

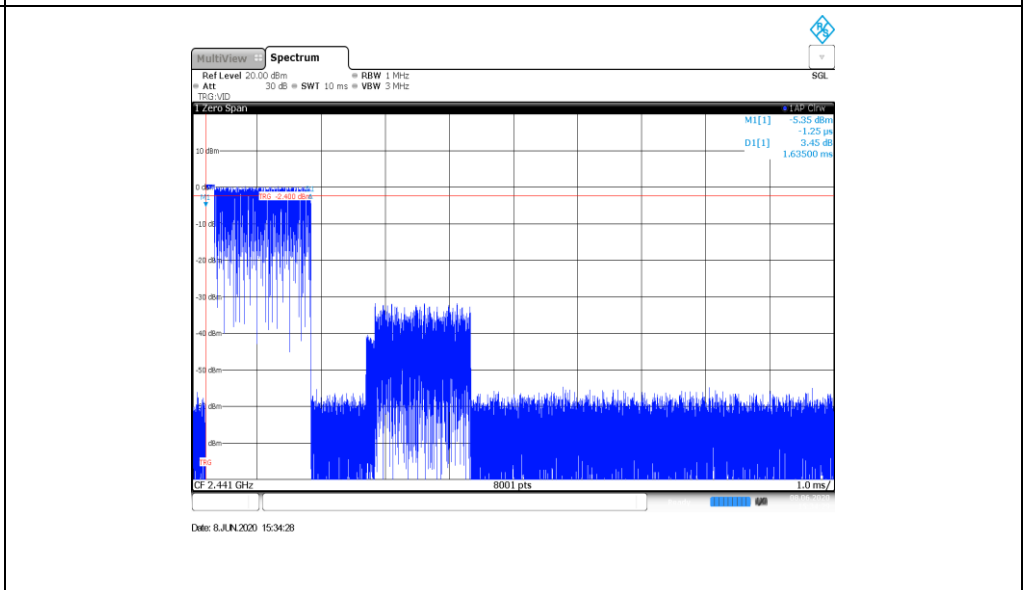
3DH1
Burst width



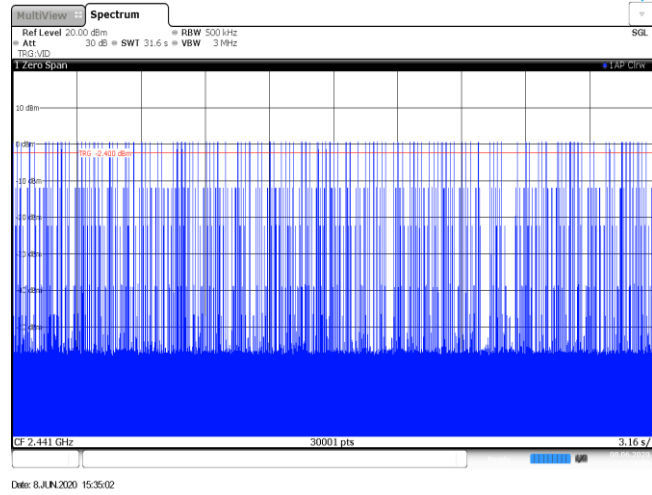
3DH1
Burst number



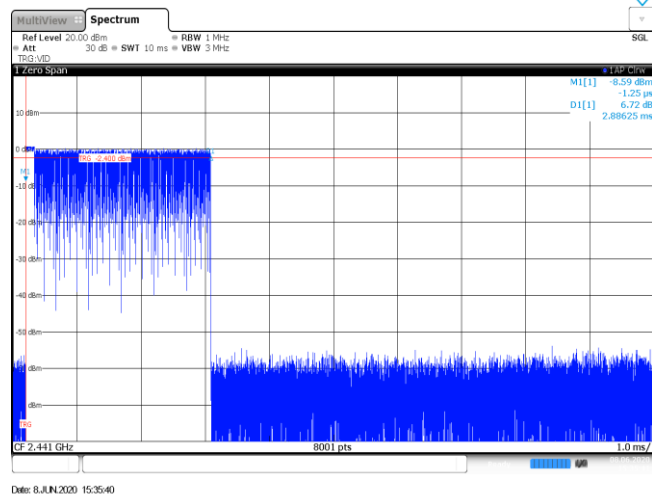
3DH3
Burst width



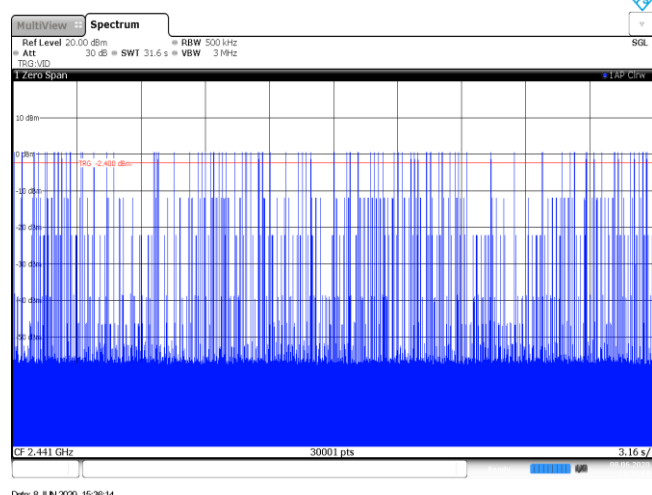
3DH3
Burst number



3DH5
Burst width



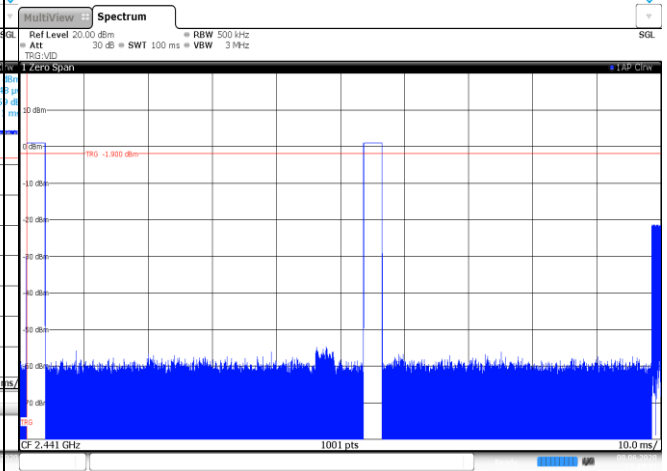
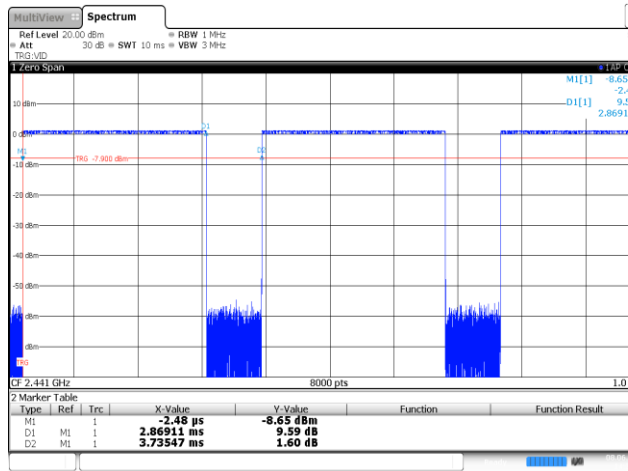
3DH5
Burst number



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	2.87	100	2	-24.82
$\pi/4$ DQPSK	2441	2.87	100	1	-30.84
8DPSK	2441	2.87	100	3	-21.30

GFSK



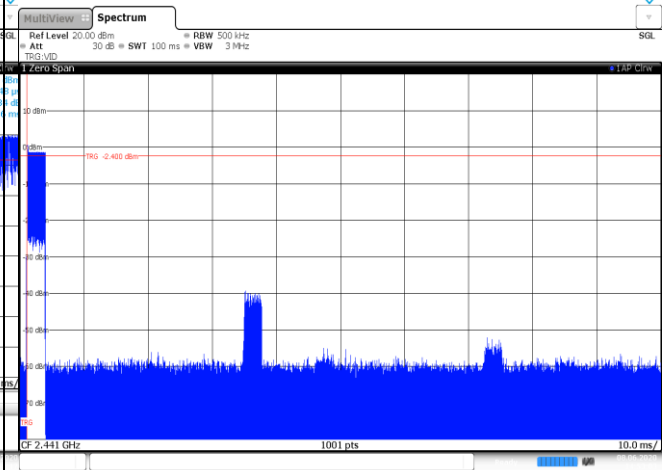
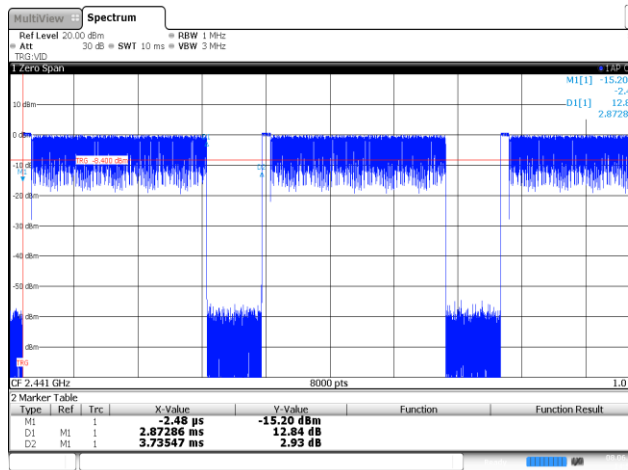
Date: 8.JUN.2020 14:38:23

Date: 8.JUN.2020 14:40:15

T_{on} time for single burst

Burst Quantity

$\pi/4$ DQPSK



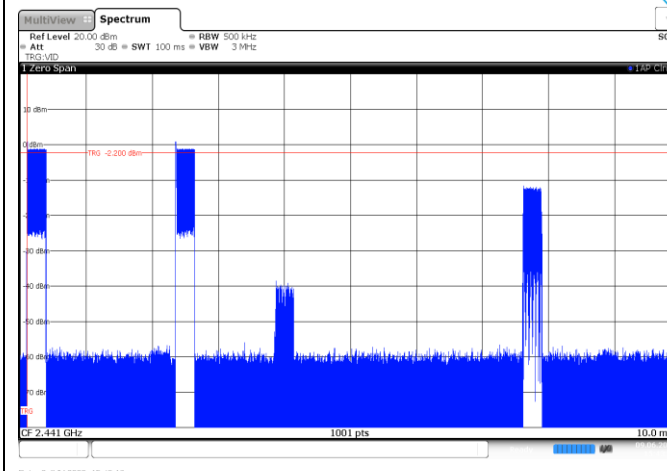
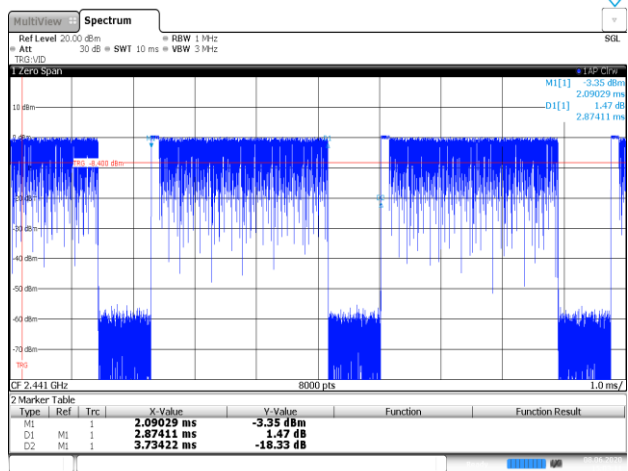
Date: 8.JUN.2020 14:51:17

Date: 8.JUN.2020 14:53:03

T_{on} time for single burst

Burst Quantity

8DPSK



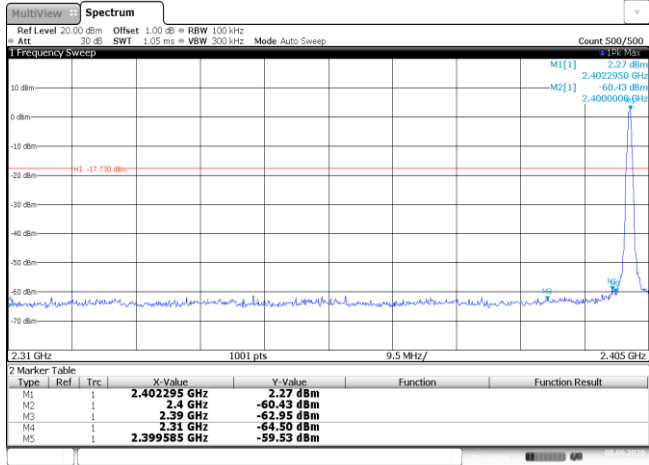
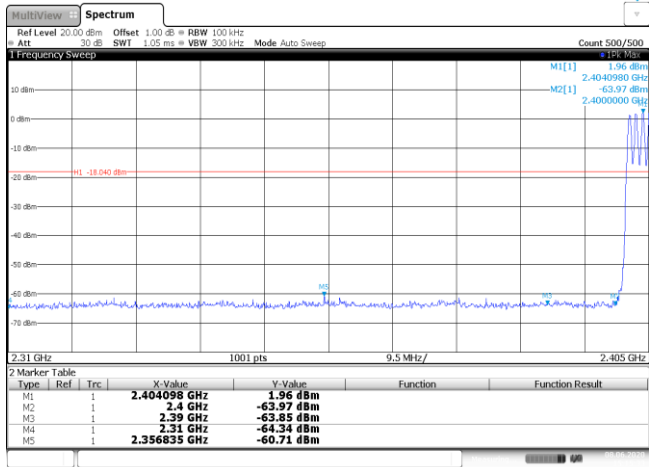
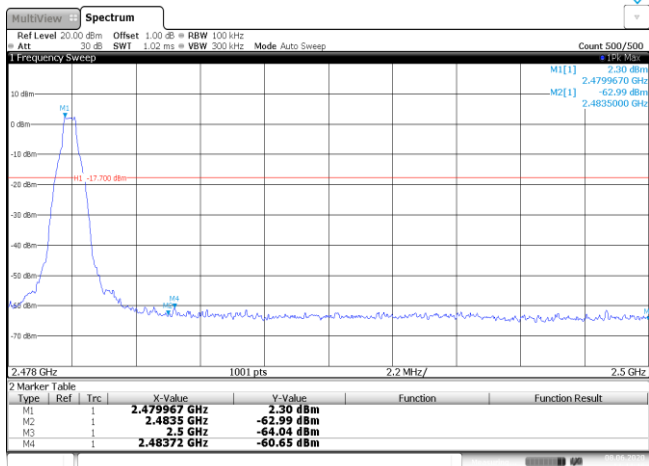
Date: 8.JUN.2020 15:03:11

Date: 9.JUN.2020 15:43:16

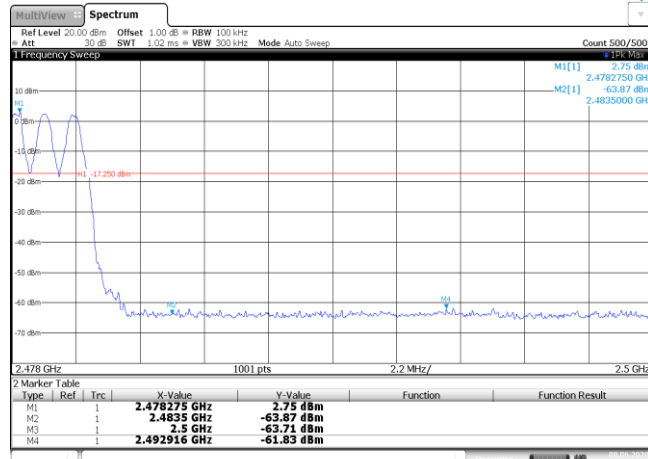
T_{on} time for single burst

Burst Quantity

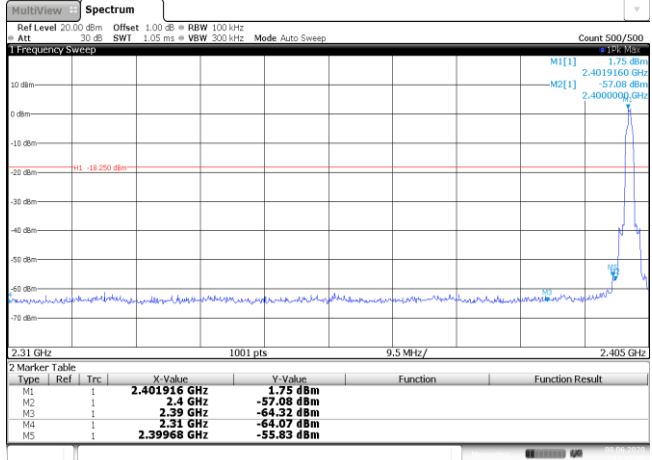
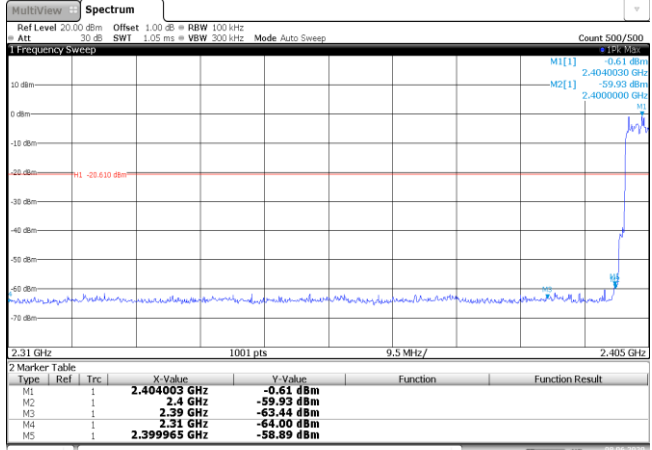
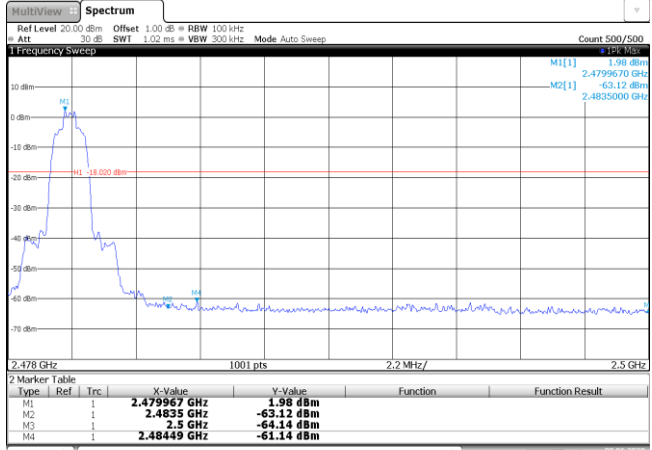
Appendix H: Band edge and Spurious Emissions (conducted)

Test Item:	Band edge	Modulation type:	GFSK
<p>CH00 No hopping mode</p>	 <p>Date: 8.JUN.2020 14:33:21</p>		
<p>CH00 Hopping mode</p>	 <p>Date: 8.JUN.2020 15:15:34</p>		
<p>CH78 No hopping mode</p>	 <p>Date: 8.JUN.2020 14:44:46</p>		

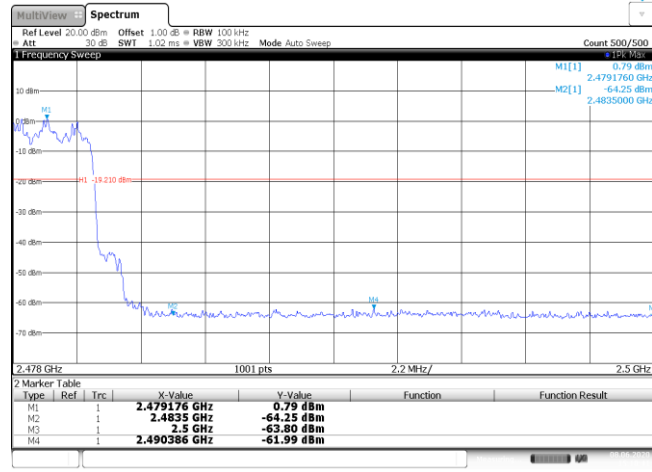
CH78
Hopping mode



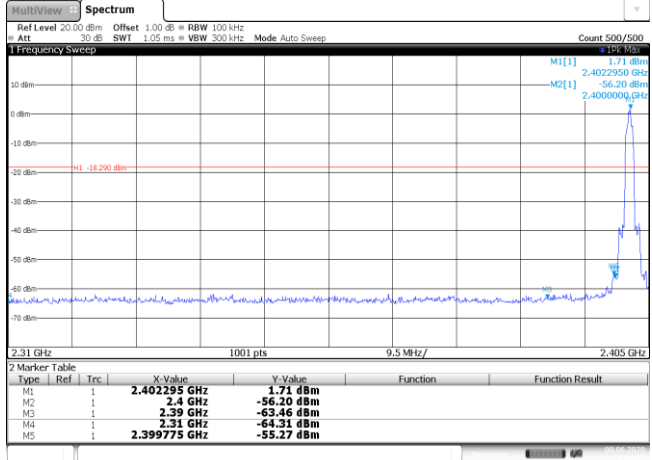
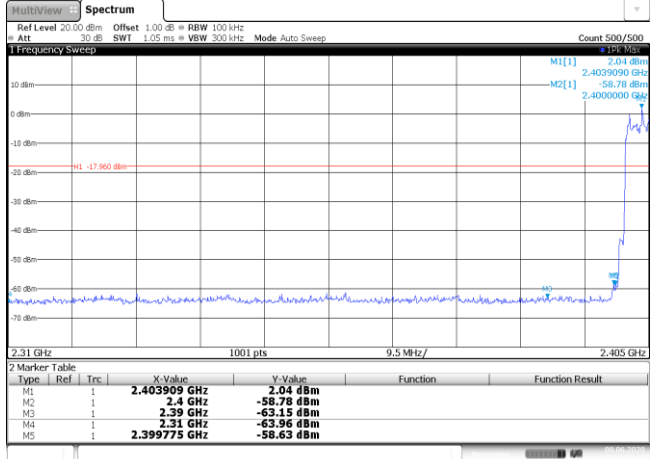
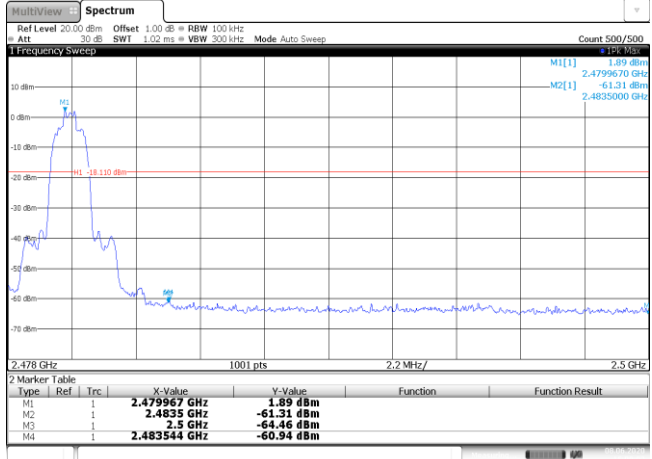
Date: 8.JUN.2020 15:15:40

Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
<p>CH00 No hopping mode</p>	 <table border="1" data-bbox="683 645 1337 743"> <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>2.401916 GHz</td> <td>1.75 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-57.08 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-64.32 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.07 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.39968 GHz</td> <td>-55.83 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 8.JUN.2020 14:47:07</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.401916 GHz	1.75 dBm			M2	1		2.4 GHz	-57.08 dBm			M3	1		2.39 GHz	-64.32 dBm			M4	1		2.31 GHz	-64.07 dBm			M5	1		2.39968 GHz	-55.83 dBm		
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<p>CH00 Hopping mode</p>	 <table border="1" data-bbox="683 1191 1337 1281"> <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>2.404003 GHz</td> <td>-0.61 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-59.93 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.44 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.00 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399965 GHz</td> <td>-58.89 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 8.JUN.2020 15:18:26</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404003 GHz	-0.61 dBm			M2	1		2.4 GHz	-59.93 dBm			M3	1		2.39 GHz	-63.44 dBm			M4	1		2.31 GHz	-64.00 dBm			M5	1		2.399965 GHz	-58.89 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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M5	1		2.399965 GHz	-58.89 dBm																																									
<p>CH78 No hopping mode</p>	 <table border="1" data-bbox="683 1738 1337 1827"> <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>2.479967 GHz</td> <td>1.98 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.48335 GHz</td> <td>-63.12 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-64.14 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.48449 GHz</td> <td>-61.14 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 8.JUN.2020 14:56:01</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479967 GHz	1.98 dBm			M2	1		2.48335 GHz	-63.12 dBm			M3	1		2.5 GHz	-64.14 dBm			M4	1		2.48449 GHz	-61.14 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.479967 GHz	1.98 dBm																																									
M2	1		2.48335 GHz	-63.12 dBm																																									
M3	1		2.5 GHz	-64.14 dBm																																									
M4	1		2.48449 GHz	-61.14 dBm																																									

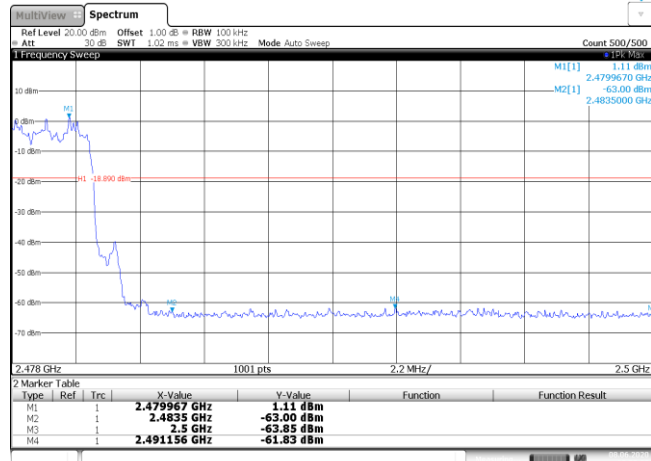
CH78
Hopping mode



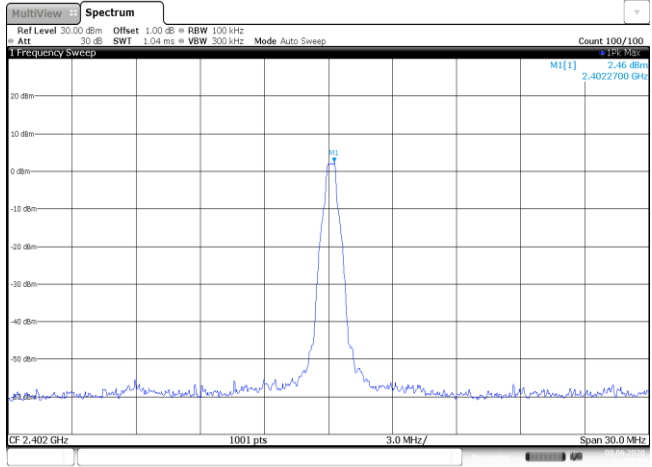
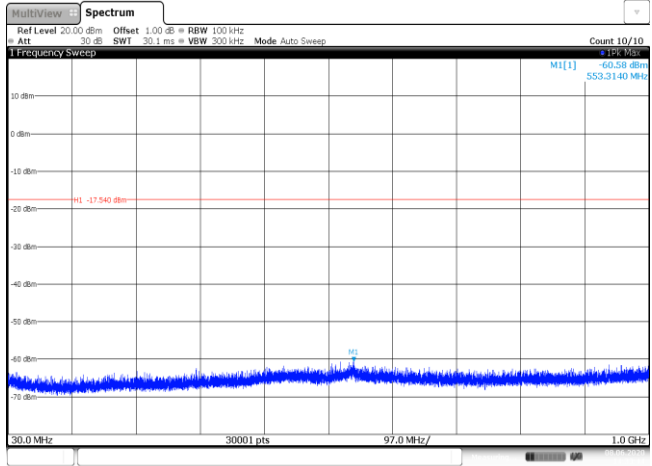
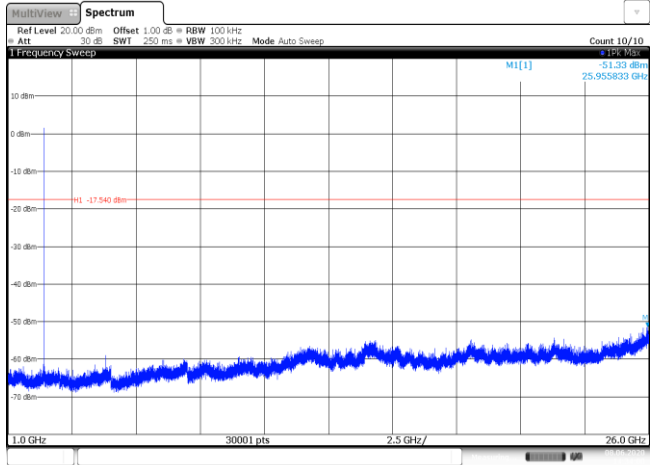
Date: 8.JUN.2020 15:18:41

Test Item:	Band edge	Modulation type:	8DPSK																																										
<p>CH00 No hopping mode</p>	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1 Frequency Sweep</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.402295 GHz</td> <td>-1.71 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-56.20 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.46 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.31 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399775 GHz</td> <td>-55.27 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz</p> <p>2 Marker Table</p> <p>Date: 8 JUN 2020 14:58:03</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402295 GHz	-1.71 dBm			M2	1		2.4 GHz	-56.20 dBm			M3	1		2.39 GHz	-63.46 dBm			M4	1		2.31 GHz	-64.31 dBm			M5	1		2.399775 GHz	-55.27 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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<p>CH00 Hopping mode</p>	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1 Frequency Sweep</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.403909 GHz</td> <td>2.04 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-58.78 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-63.15 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.96 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399775 GHz</td> <td>-58.63 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz</p> <p>2 Marker Table</p> <p>Date: 8 JUN 2020 15:22:54</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.403909 GHz	2.04 dBm			M2	1		2.4 GHz	-58.78 dBm			M3	1		2.39 GHz	-63.15 dBm			M4	1		2.31 GHz	-63.96 dBm			M5	1		2.399775 GHz	-58.63 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.403909 GHz	2.04 dBm																																									
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M3	1		2.39 GHz	-63.15 dBm																																									
M4	1		2.31 GHz	-63.96 dBm																																									
M5	1		2.399775 GHz	-58.63 dBm																																									
<p>CH78 No hopping mode</p>	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.02 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1 Frequency Sweep</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.479967 GHz</td> <td>1.89 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-61.31 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-64.46 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.483544 GHz</td> <td>-60.94 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>2.478 GHz 1001 pts 2.2 MHz/ 2.5 GHz</p> <p>2 Marker Table</p> <p>Date: 8 JUN 2020 15:08:03</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479967 GHz	1.89 dBm			M2	1		2.4835 GHz	-61.31 dBm			M3	1		2.5 GHz	-64.46 dBm			M4	1		2.483544 GHz	-60.94 dBm									
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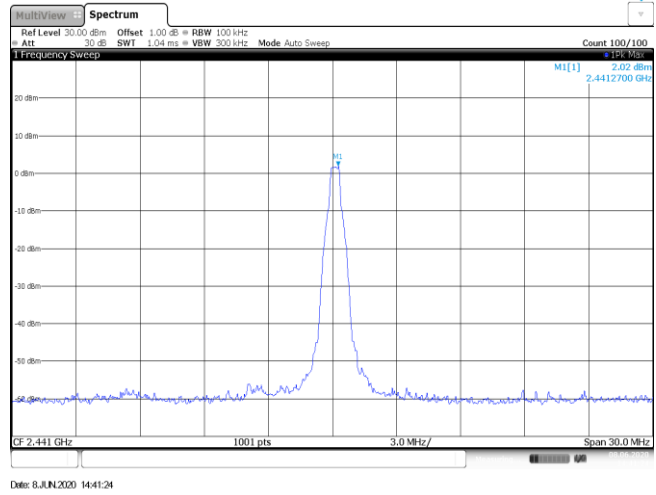
CH78
Hoppig mode



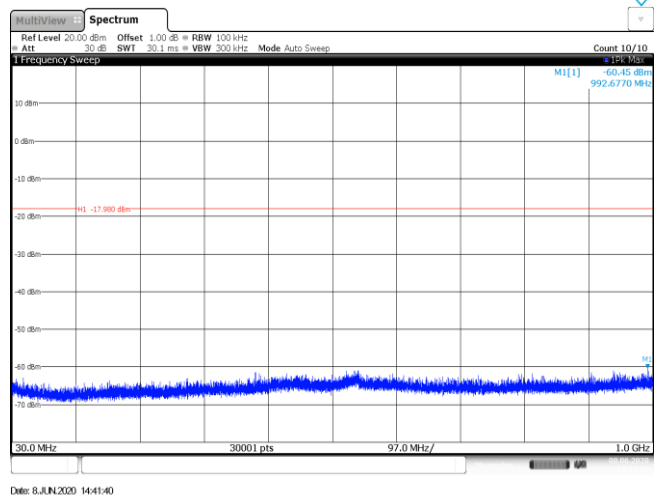
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Test Item:	Spurious Emission	Modulation type:	GFSK
<p>CH00 Reference level</p>	 <p>Date: 8.JUN.2020 14:33:28</p>		
<p>CH00 30MHz~1000MHz</p>	 <p>Date: 8.JUN.2020 14:33:44</p>		
<p>CH00 1GHz~26GHz</p>	 <p>Date: 8.JUN.2020 14:34:00</p>		

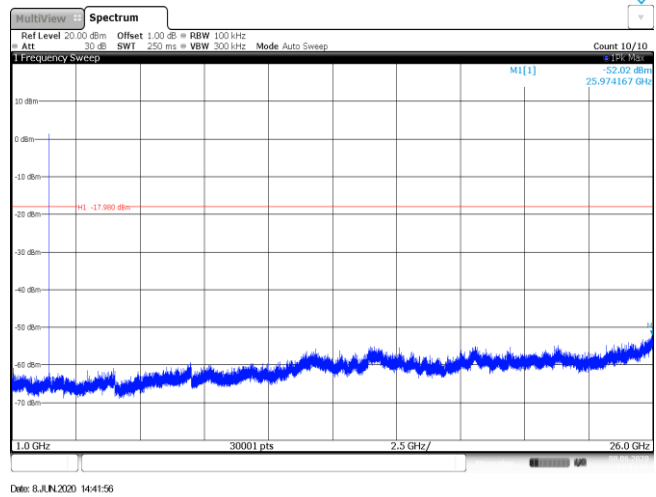
CH39
Reference level

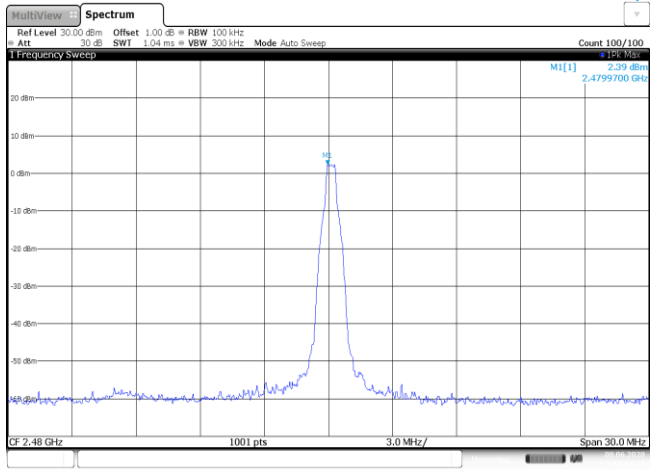
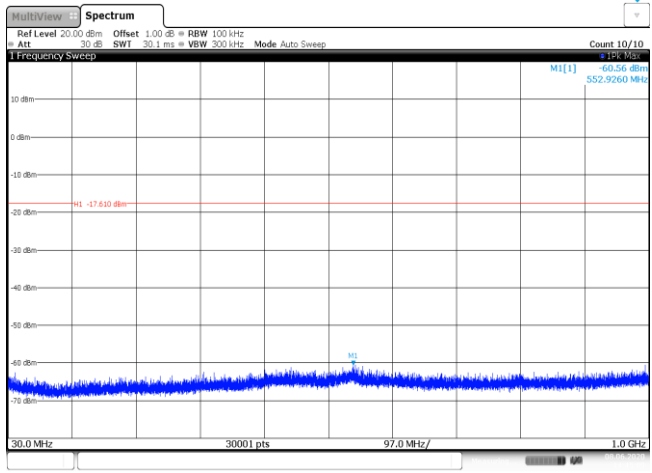
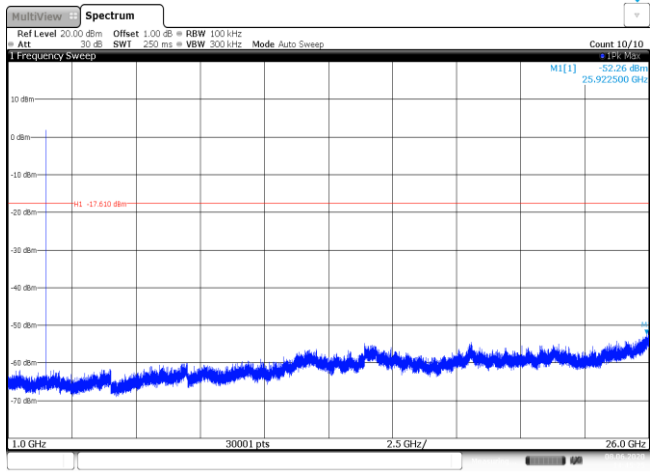


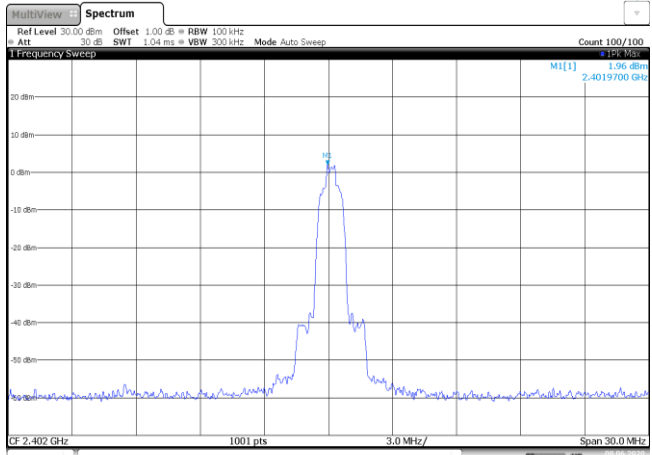
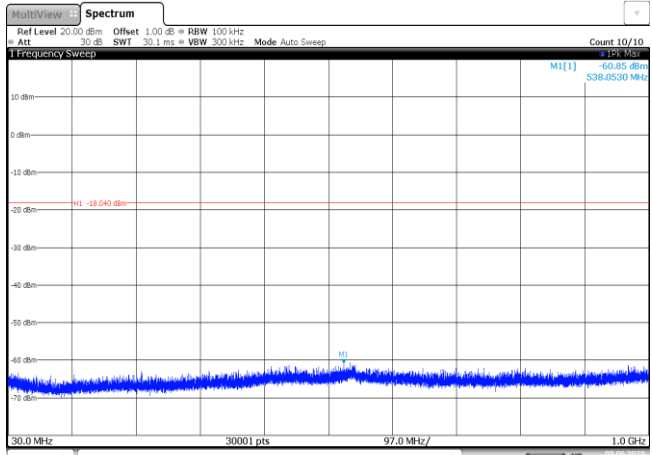
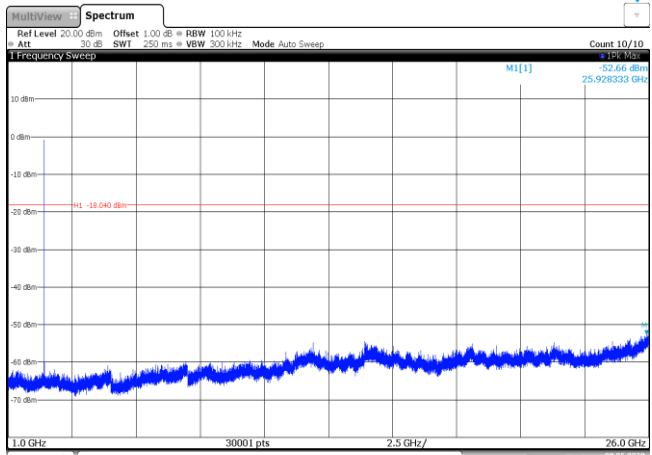
CH39
30MHz~1000MHz



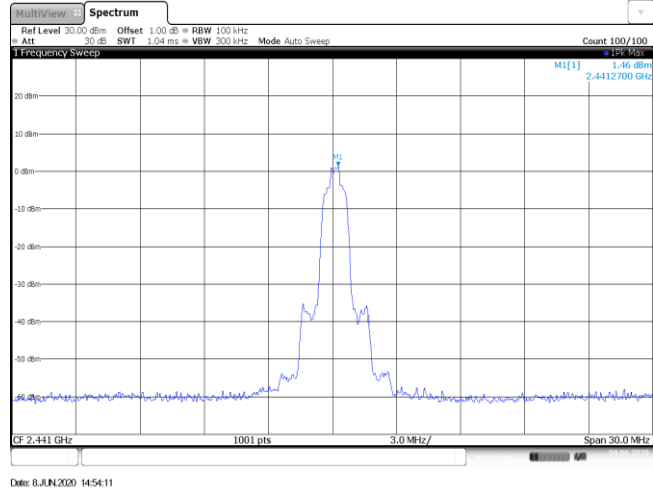
CH39
1GHz~26GHz



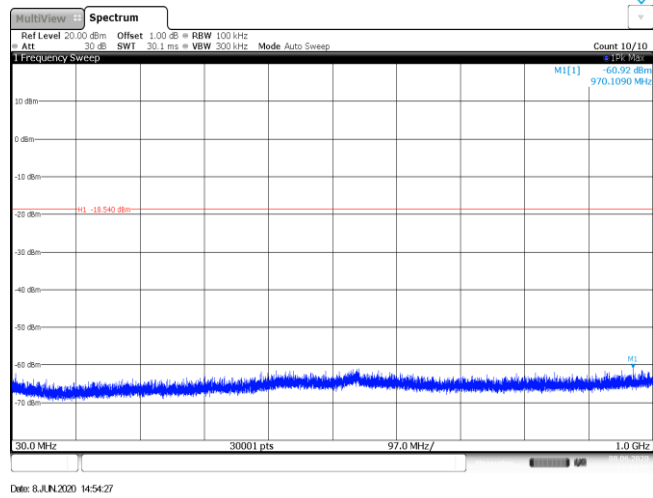
<p>CH78 Reference level</p>	 <p>Date: 8.JUN.2020 14:44:53</p>
<p>CH78 30MHz~1000MHz</p>	 <p>Date: 8.JUN.2020 14:45:09</p>
<p>CH78 1GHz~26GHz</p>	 <p>Date: 8.JUN.2020 14:45:25</p>

Test Item:	Spurious Emission	Modulation type:	π/4DQPSK
<p>CH00 Reference level</p>	 <p>MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 Frequency Sweep M1[1] 1.06 dBm 2.4019700 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 8 JUN 2020 14:47:14</p>		
<p>CH00 30MHz~1000MHz</p>	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 Frequency Sweep M1[1] -60.85 dBm 538.8530 MHz M1 -18.040 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 8 JUN 2020 14:47:30</p>		
<p>CH00 1GHz~26GHz</p>	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 Frequency Sweep M1[1] -62.66 dBm 25.928333 GHz M1 -18.040 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 8 JUN 2020 14:47:46</p>		

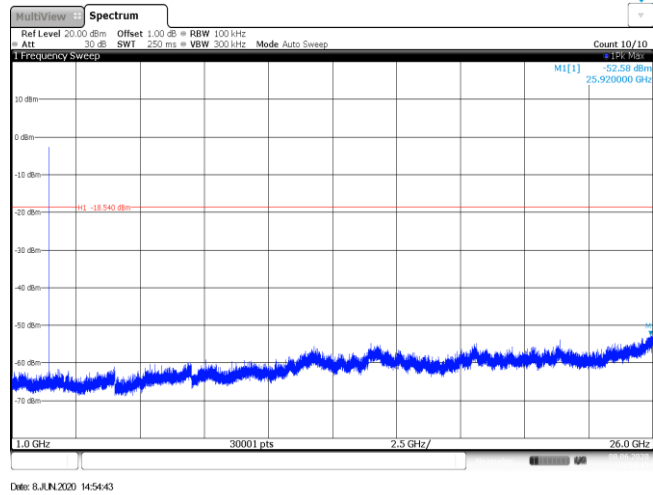
CH39
Reference level



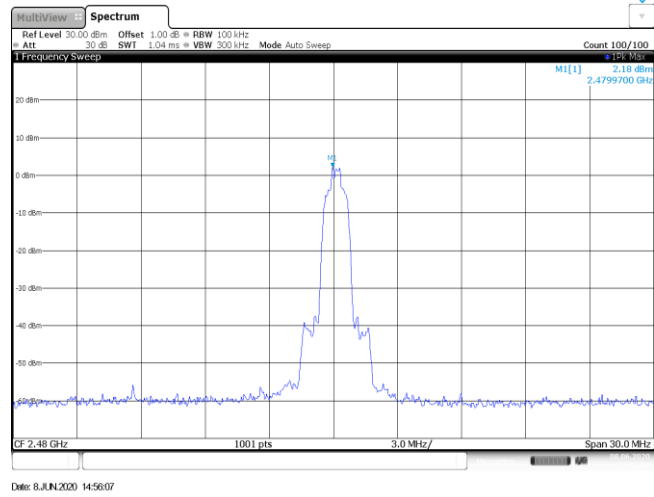
CH39
30MHz~1000MHz



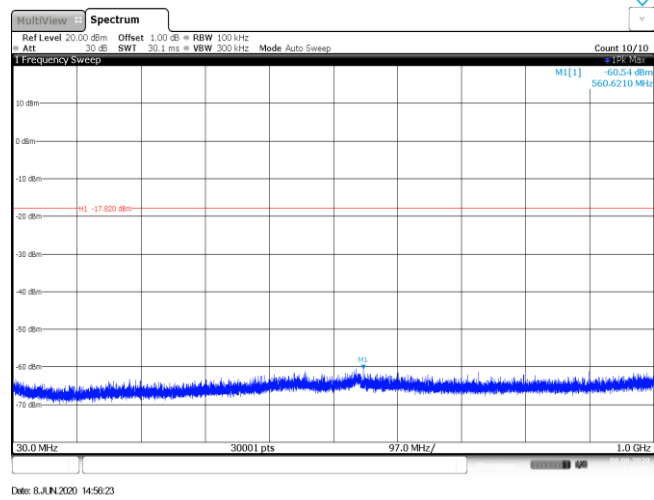
CH39
1GHz~26GHz



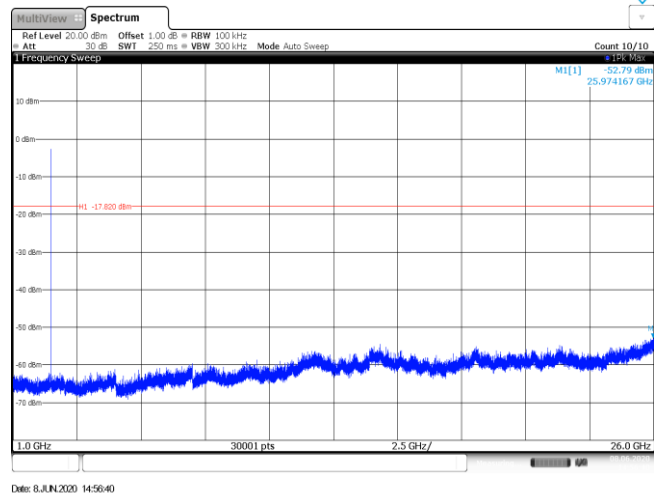
CH78
Reference level

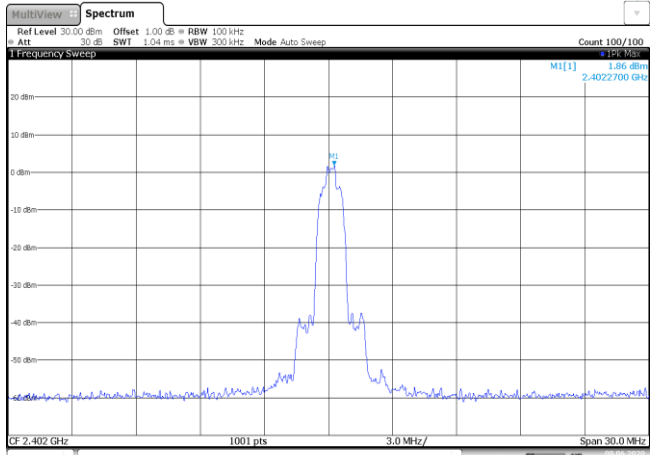
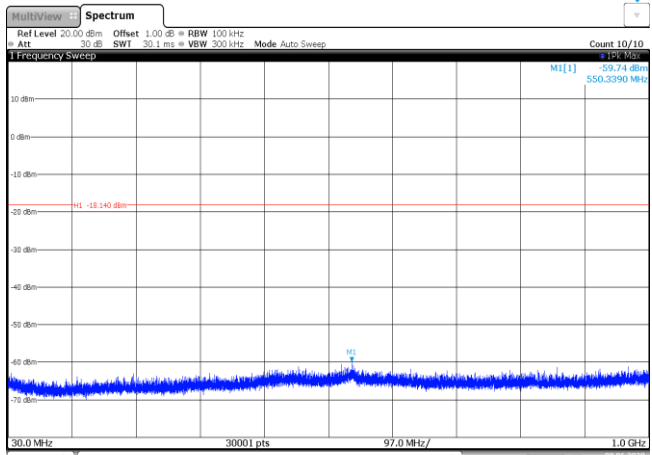
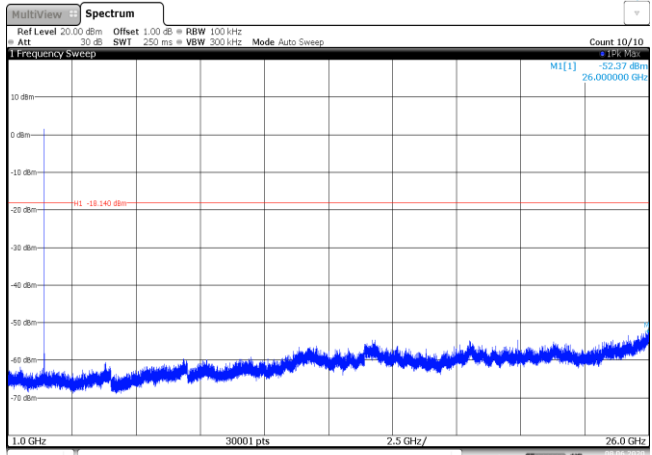


CH78
30MHz~1000MHz

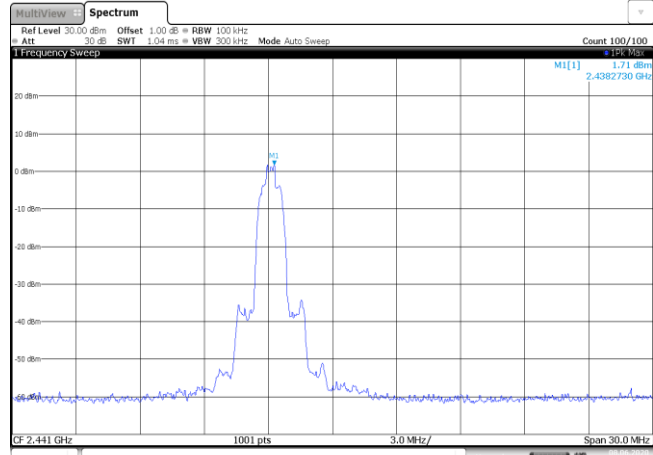


CH78
1GHz~26GHz

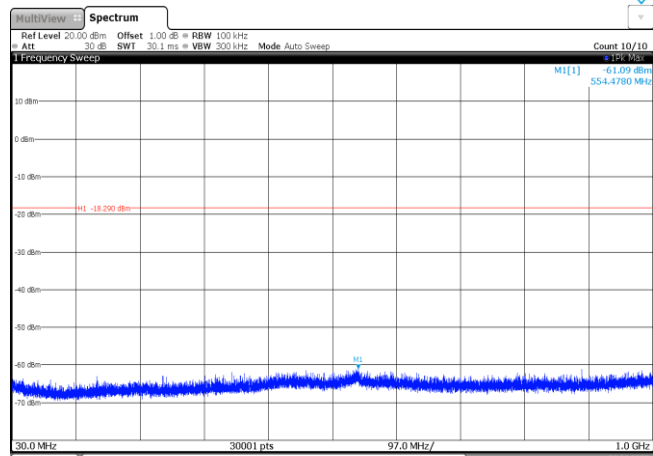


Test Item:	Spurious Emission	Modulation type:	8DPSK
<p>CH00 Reference level</p>	 <p>MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 Frequency Sweep M1[1] 1.86 dBm 2.4022700 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 8 JUN 2020 14:58:10</p>		
<p>CH00 30MHz~1000MHz</p>	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 Frequency Sweep M1[1] -59.74 dBm 550.5390 MHz M1 -18.140 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 8 JUN 2020 14:58:26</p>		
<p>CH00 1GHz~26GHz</p>	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 Frequency Sweep M1[1] -52.57 dBm 26.000000 GHz M1 -18.140 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 8 JUN 2020 14:58:42</p>		

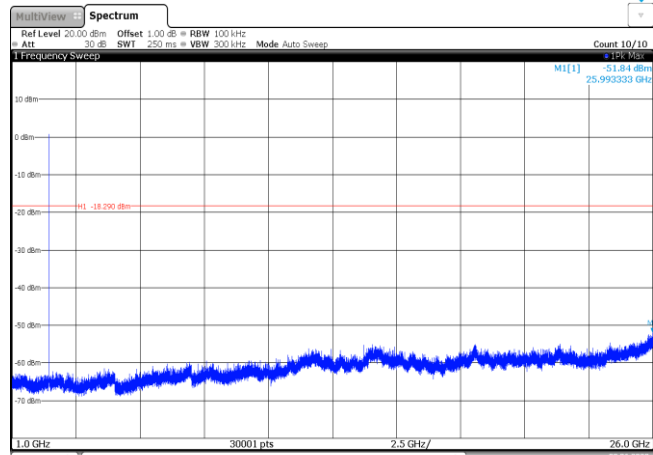
CH39
Reference level



CH39
30MHz~1000MHz



CH39
1GHz~26GHz



<p>CH78 Reference level</p>	<p>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 M1[1] -21.1 dBm 2.4802700 GHz CF 2.48 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 8.JUN.2020 15:08:10</p>
<p>CH78 30MHz~1000MHz</p>	<p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -60.26 dBm 645.5360 MHz M1 -17.00 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 8.JUN.2020 15:09:26</p>
<p>CH78 1GHz~26GHz</p>	<p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -62.79 dBm 25.924167 GHz M1 -17.00 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 8.JUN.2020 15:09:42</p>

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