

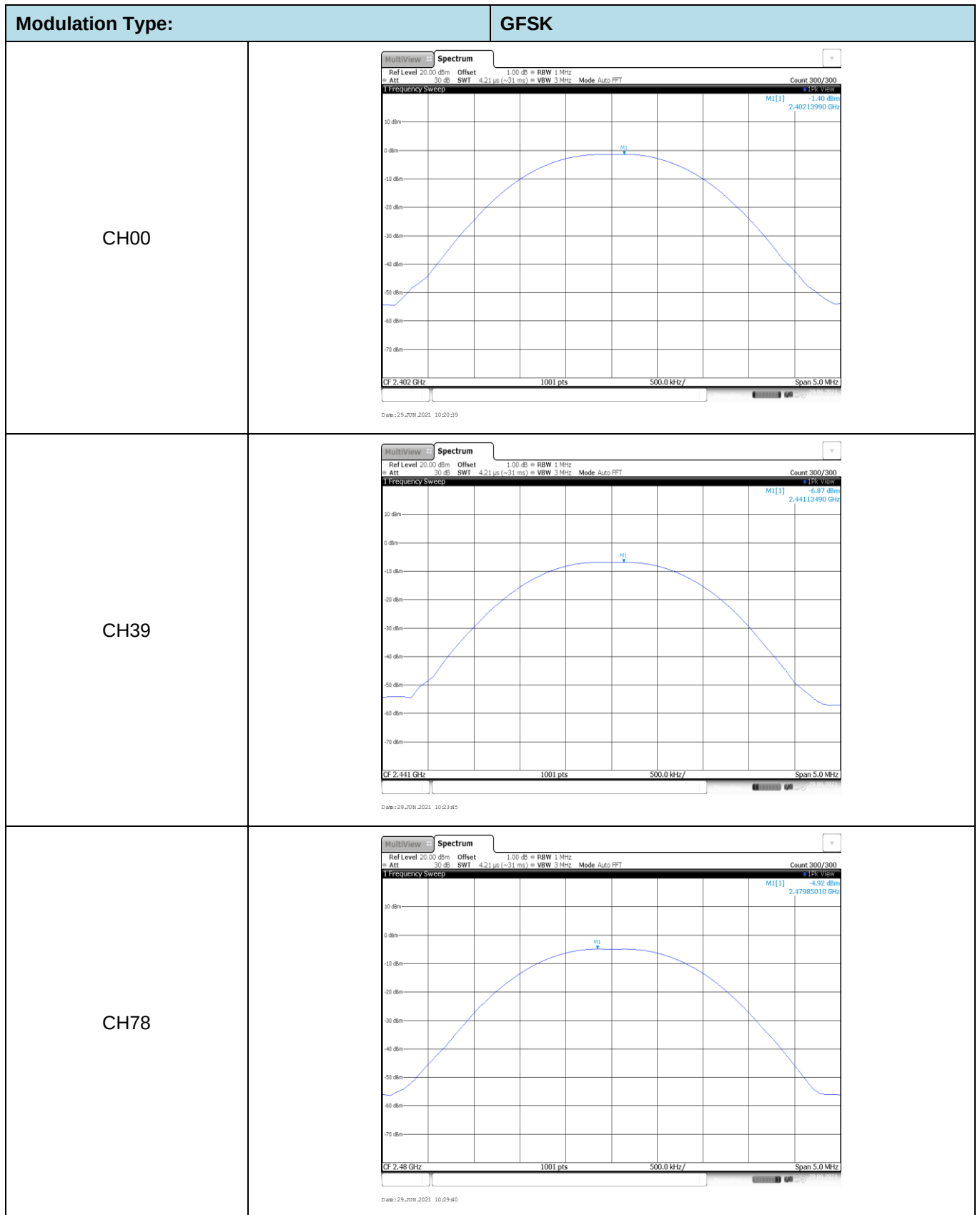
APPENDIX REPORT

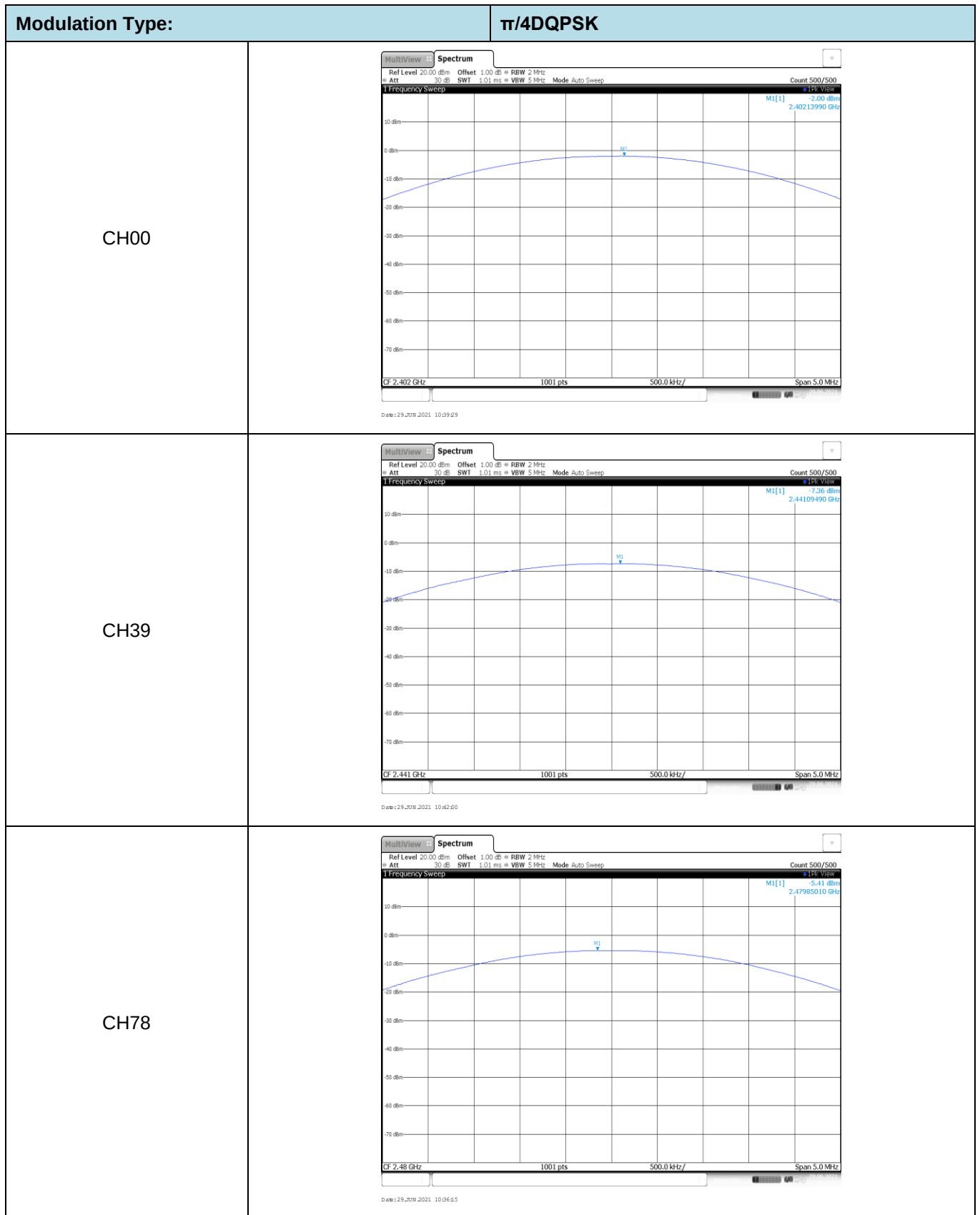
Project No.	SHT2105011002EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT21050110007	Model No.	S020
Start test date	2021-06-30	Finish date	2021-06-30
Temperature	26.4°C	Humidity	40%
Test Engineer	Hailey Chen	Auditor	Xiaodong Zhu

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	-1.41	≤ 30.00	Pass
	39	-6.87	-6.89		
	78	-4.92	-4.95		
$\pi/4$ DQPSK	00	-2.00	-2.50	≤ 21.00	Pass
	39	-7.36	-7.78		
	78	-5.41	-5.82		
8DPSK	00	-2.25	-2.68	≤ 21.00	Pass
	39	-7.25	-7.64		
	78	-5.27	-5.72		

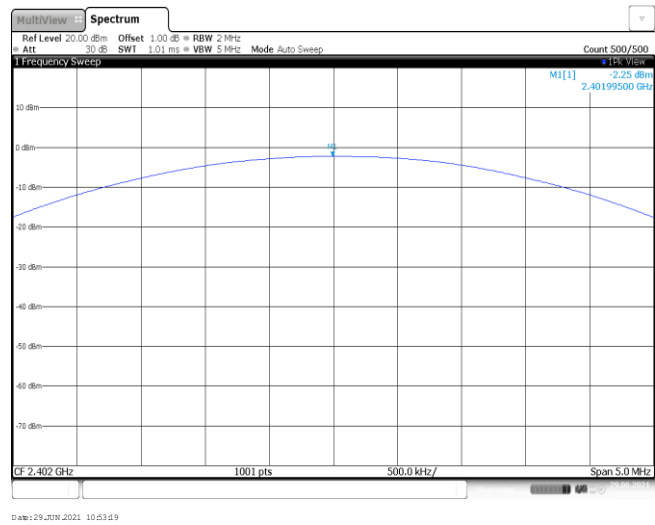




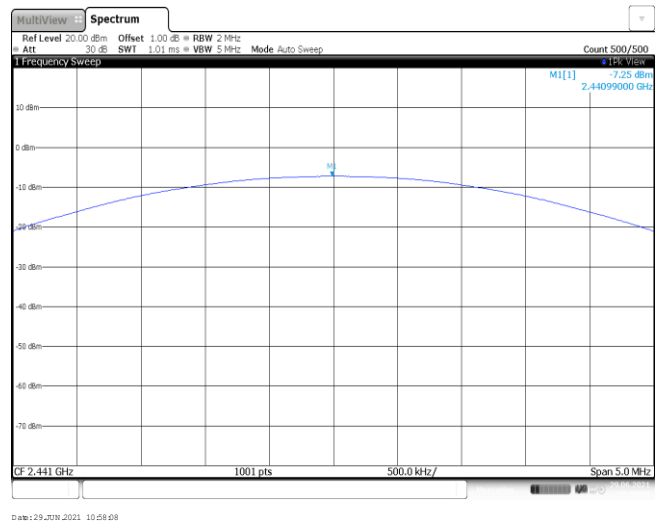
Modulation Type:

8DPSK

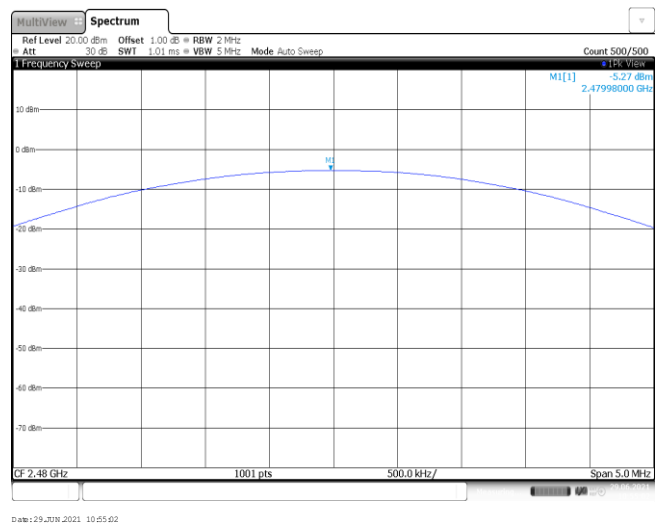
CH00



CH39

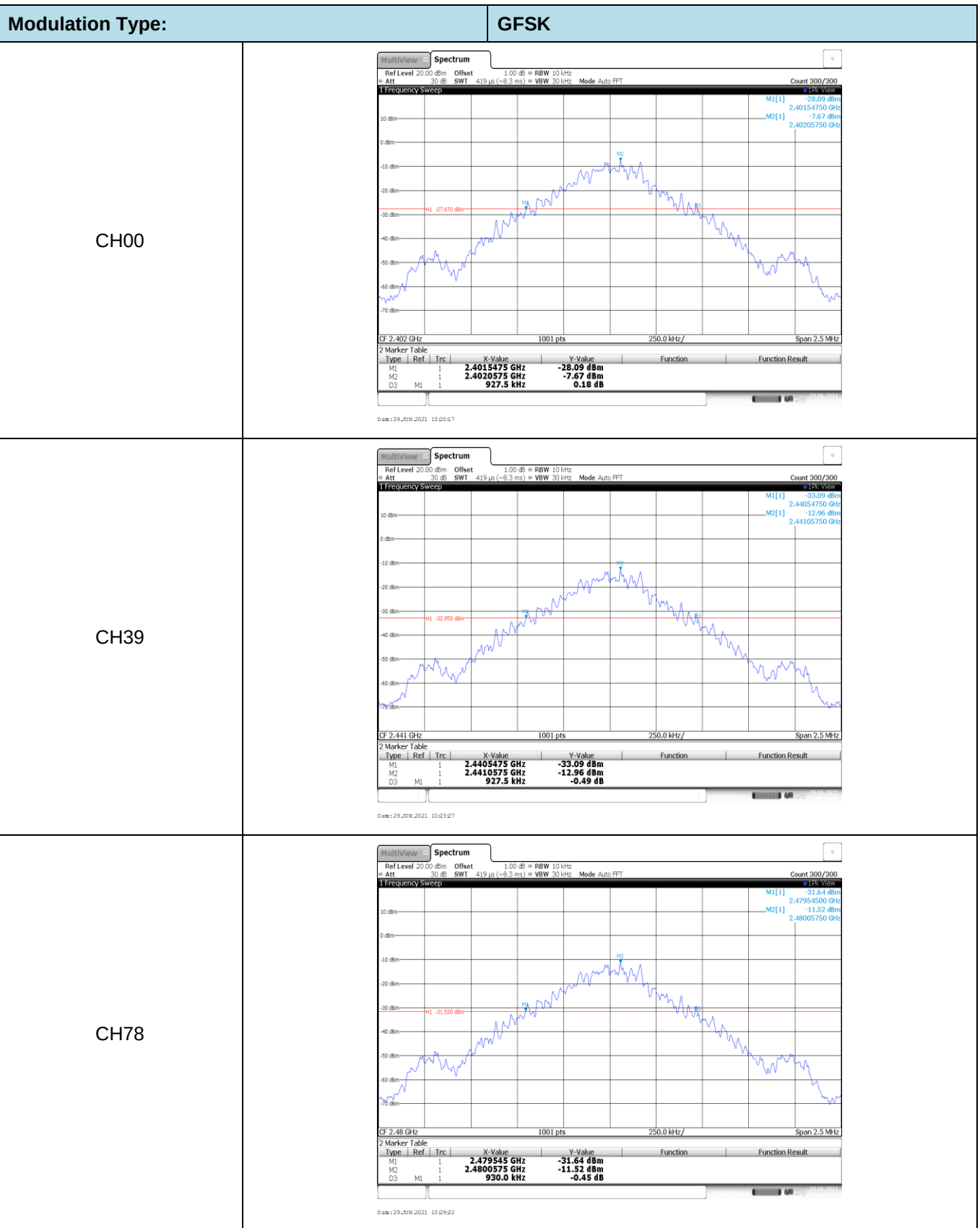


CH78



Appendix B : 20 dB Bandwidth

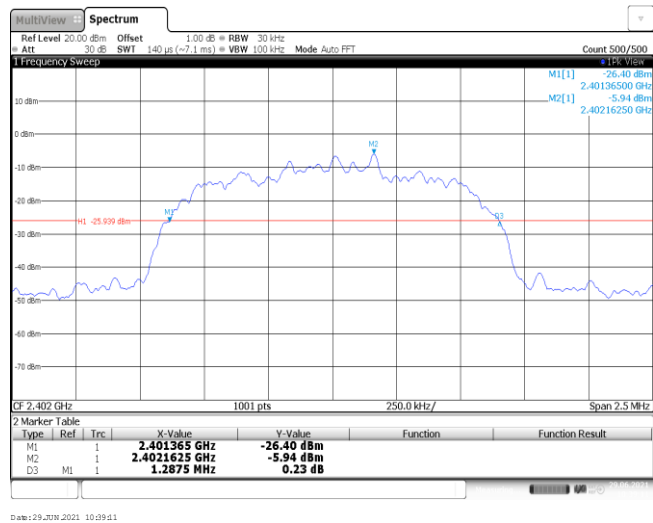
Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	927.50	-	Pass
	39	927.50		
	78	930.00		
$\pi/4$ DQPSK	00	1287.50	-	Pass
	39	1317.50		
	78	1312.50		
8DPSK	00	1300.00	-	Pass
	39	1320.00		
	78	1300.00		



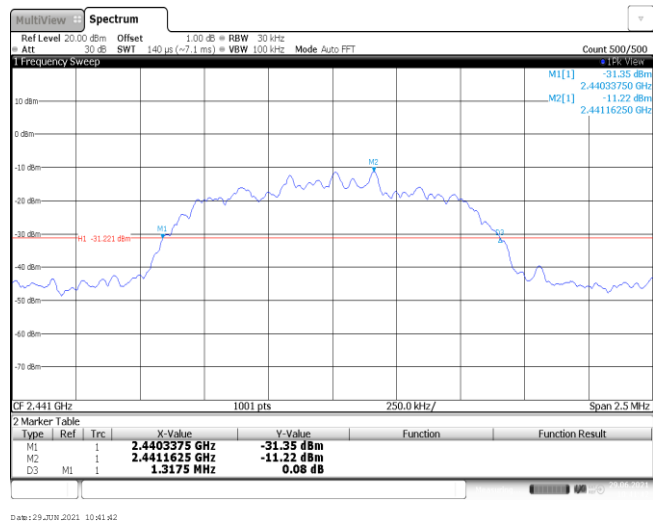
Modulation Type:

 $\pi/4$ DQPSK

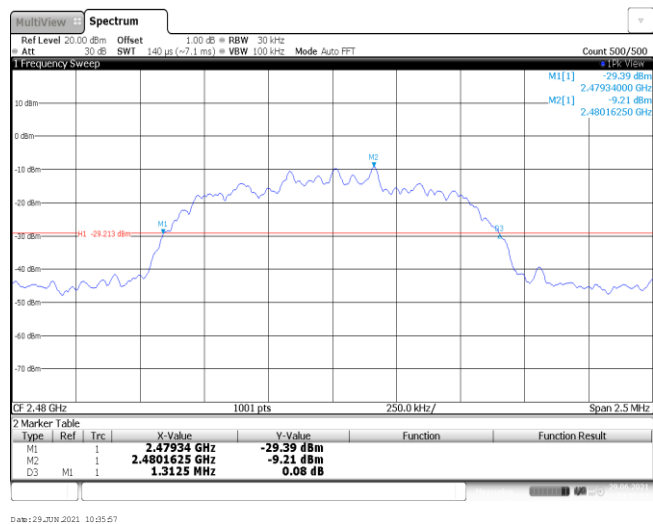
CH00



CH39



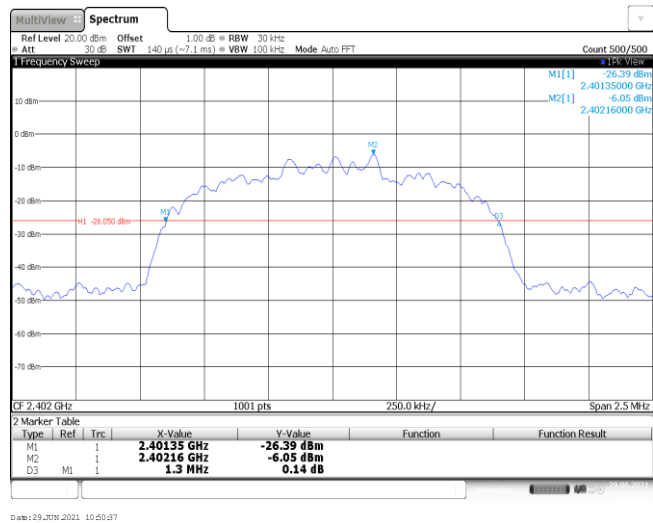
CH78



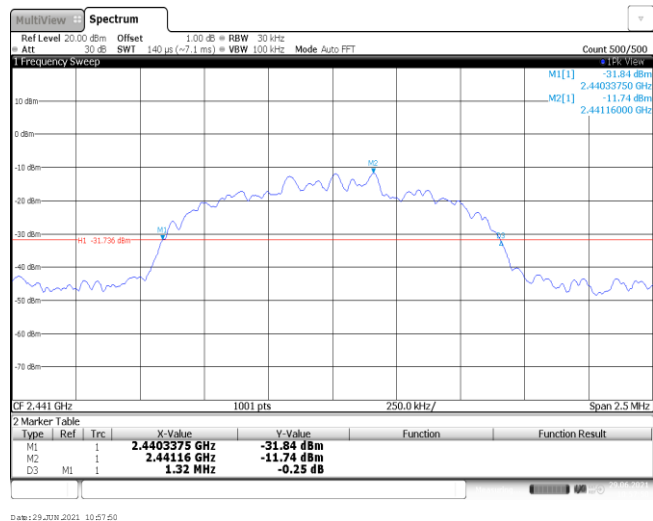
Modulation Type:

8DPSK

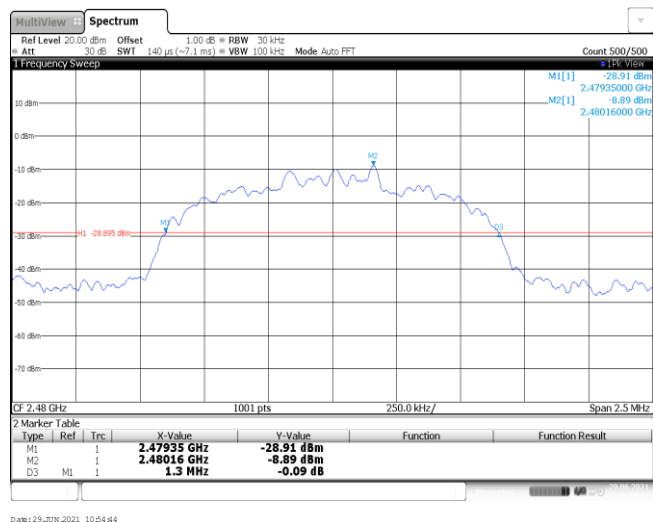
CH00



CH39



CH78



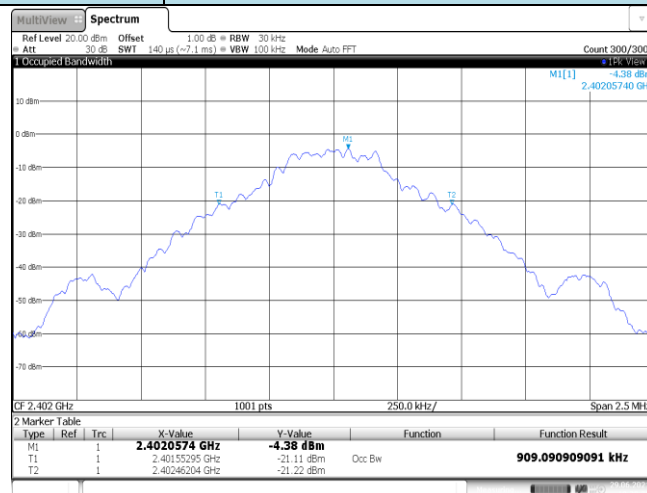
Appendix C: 99% Occupied Bandwidth

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.91	-	Pass
	39	0.91		
	78	0.91		
$\pi/4$ DQPSK	00	1.17	-	Pass
	39	1.19		
	78	1.19		
8DPSK	00	1.18	-	Pass
	39	1.21		
	78	1.20		

Modulation Type:

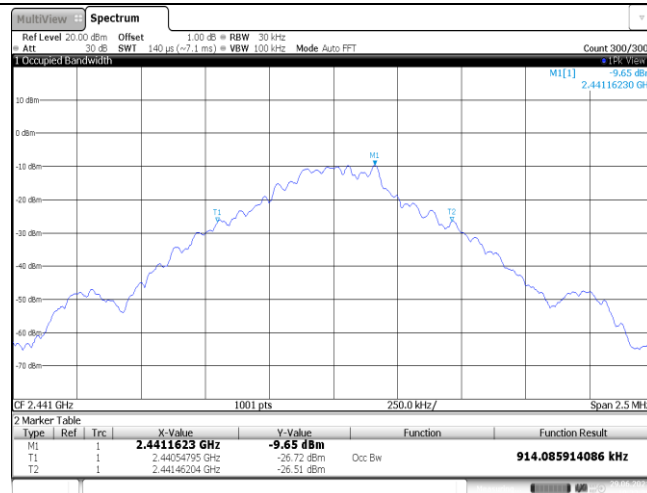
GFSK

CH00



Date: 29_JUN 2021 10:20:29

CH39

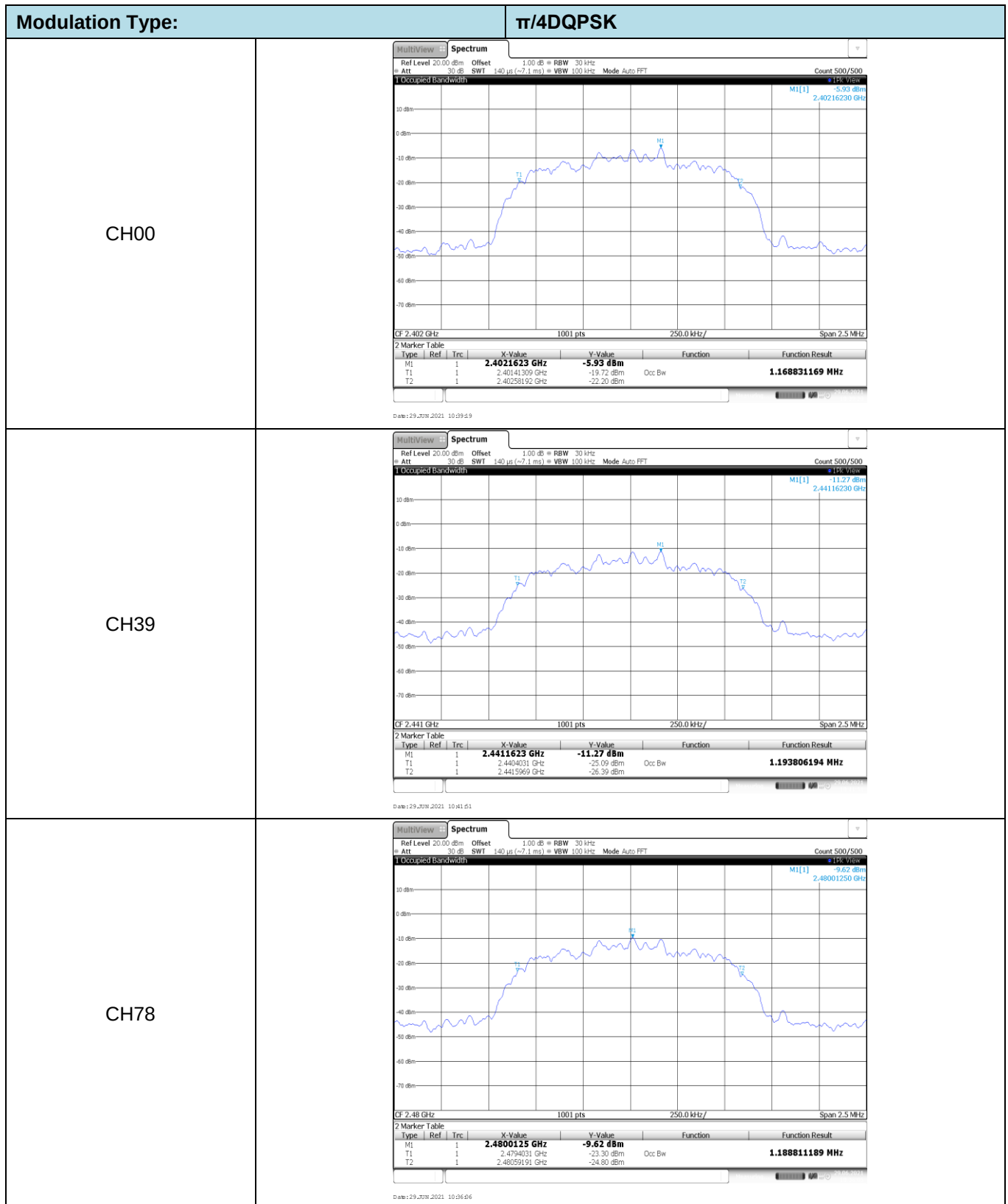


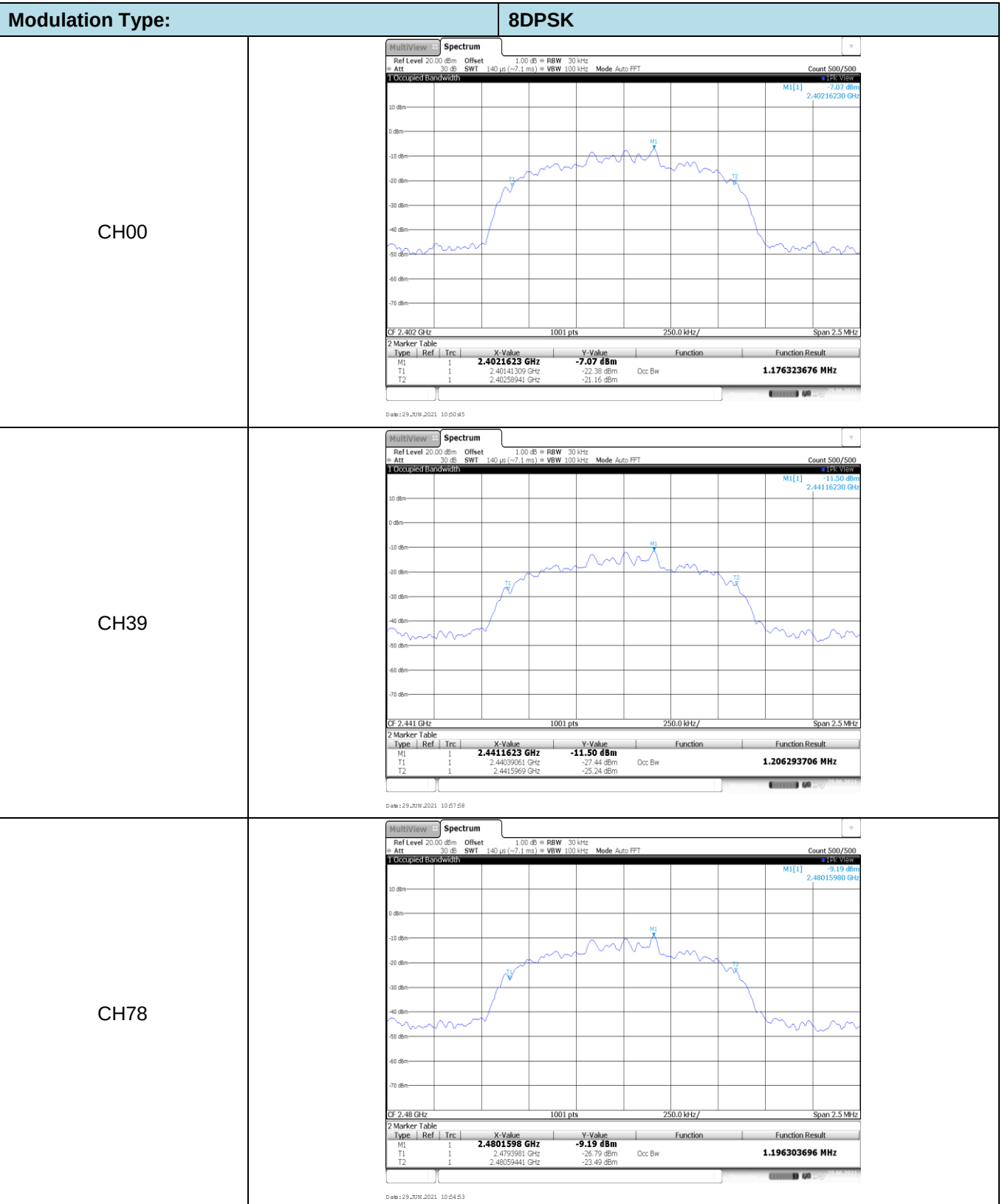
Date: 29_JUN 2021 10:23:05

CH78



Date: 29_JUN 2021 10:29:01





Appendix D: Carrier Frequencies Separation

Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥930.00	Pass
π/4DQPSK	39	1.00	≥878.33	Pass
8DPSK	39	1.00	≥880.00	Pass

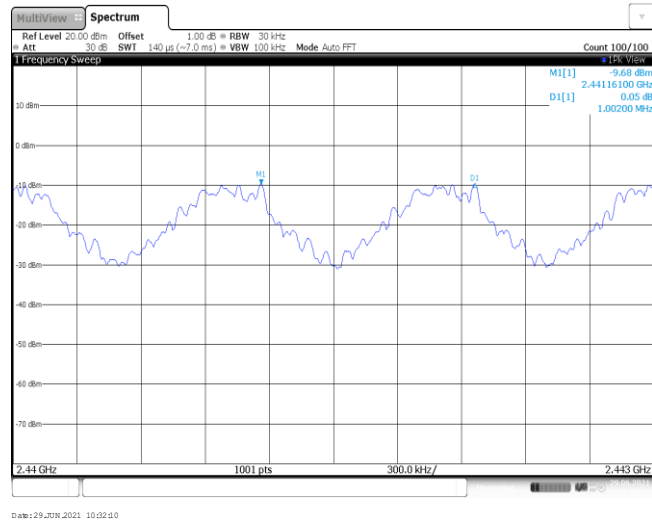
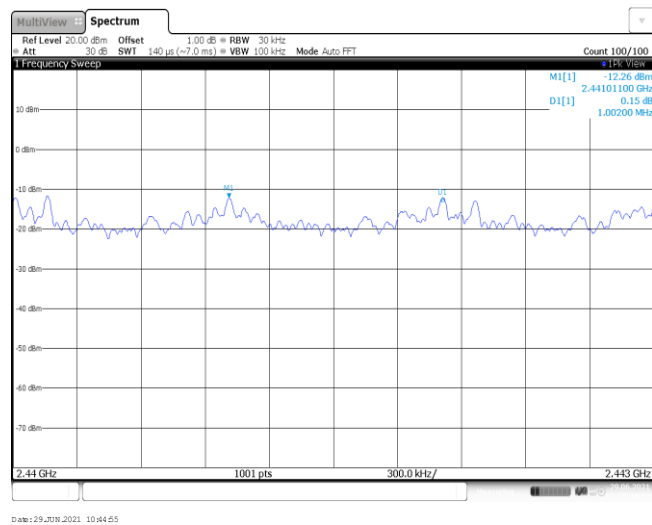
Note:

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

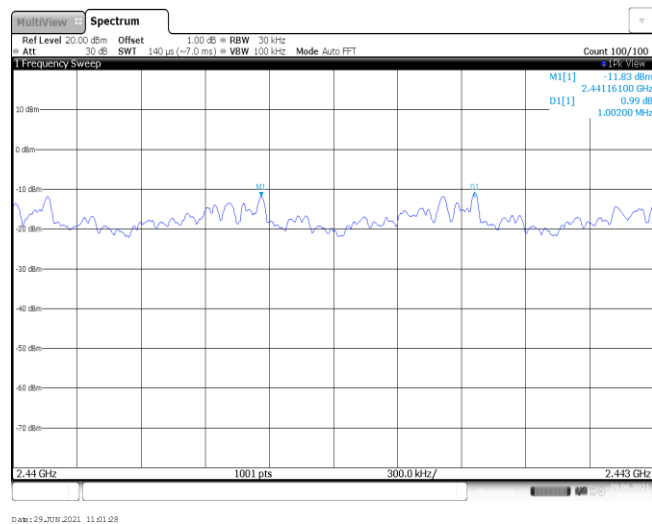
π/4DQPSK limit = 2/3 * The maximum 20 dB Bandwidth for π/4DQPSK modulation on the appendix B.

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

GFSK

 $\pi/4$ DQPSK

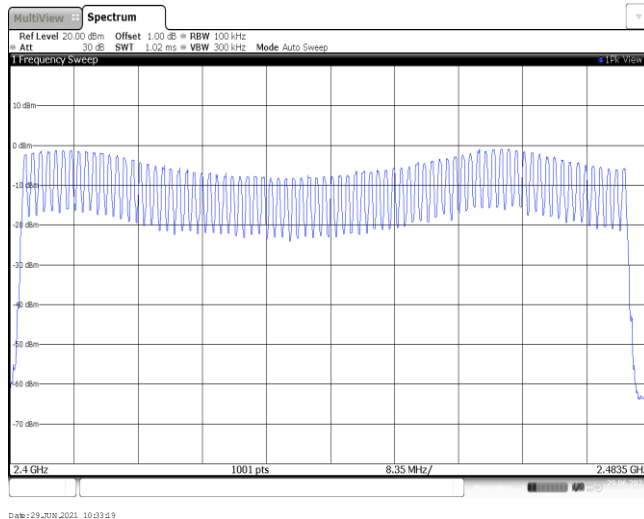
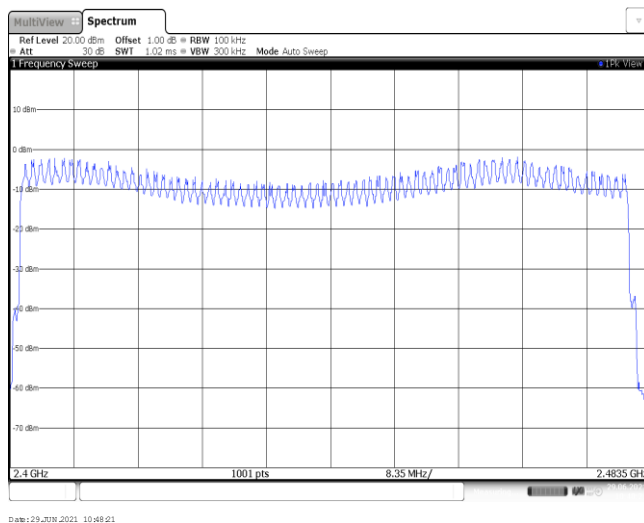
8DPSK



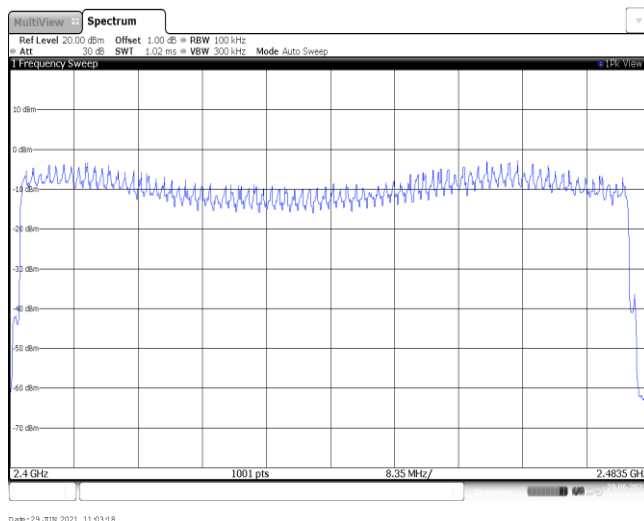
Appendix E: Hopping Channel Number

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

GFSK

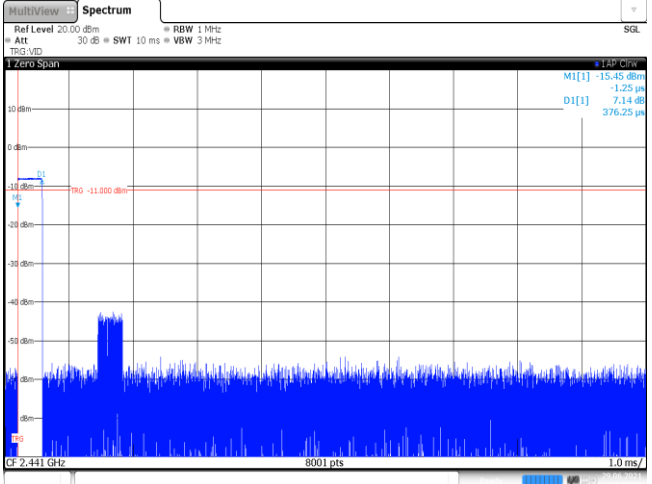
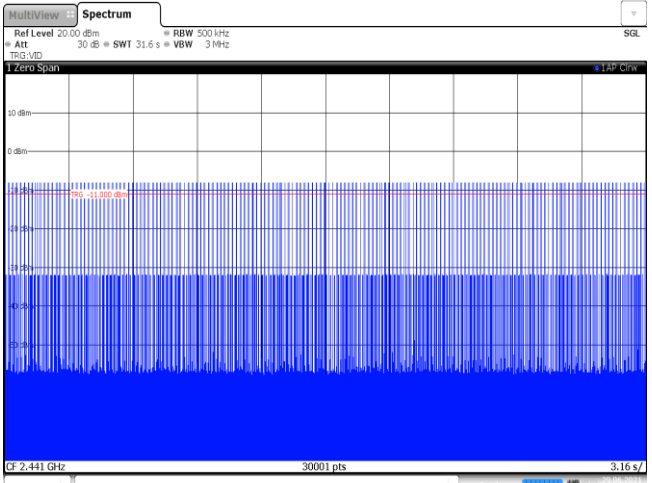
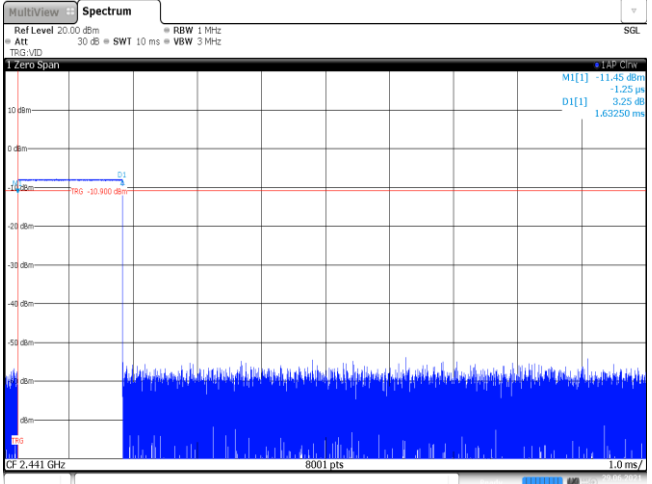
 $\pi/4$ DQPSK

8DPSK

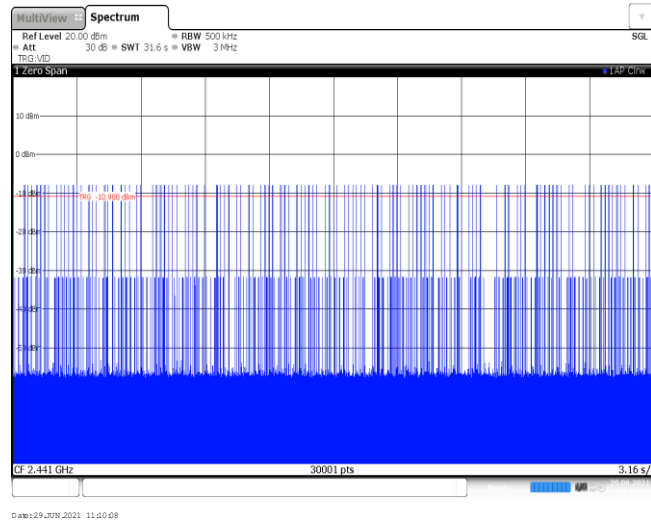


Appendix F: Dwell Time

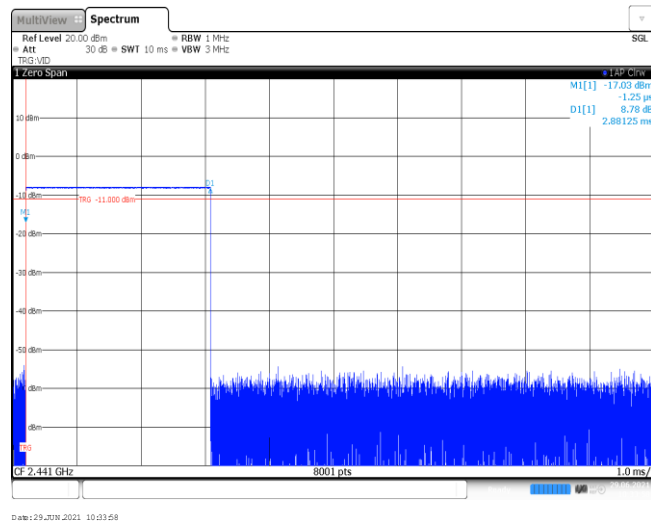
Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.38	315	0.12	≤ 0.40	Pass
	DH3	1.63	159	0.26		
	DH5	2.88	95	0.27		
$\pi/4$ DQPSK	2DH1	0.38	317	0.12	≤ 0.40	Pass
	2DH3	1.64	153	0.25		
	2DH5	2.89	112	0.32		
8DPSK	3DH1	0.39	318	0.12	≤ 0.40	Pass
	3DH3	1.84	103	0.19		
	3DH5	2.89	110	0.32		

Modulation Type:	GFSK
DH1 Burst width	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 8001 pts. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents time in ms, ranging from 0 to 1.0 ms. The plot shows a burst of signal at approximately 0.5 ms. The signal level is around -11.00 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, SWT 10 ms, RBW 1 MHz, VBW 3 MHz. The plot also shows a trigger level at -11.00 dBm and a trigger delay of 1.00 ms. The plot is dated 29 JUN 2021 11:07:49.
DH1 Burst number	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 30001 pts. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents time in s, ranging from 0 to 3.16 s. The plot shows a burst of signal at approximately 0.5 s. The signal level is around -11.00 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, SWT 31.6 s, RBW 500 kHz, VBW 3 MHz. The plot also shows a trigger level at -11.00 dBm and a trigger delay of 1.00 ms. The plot is dated 29 JUN 2021 11:08:23.
DH3 Burst width	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 8001 pts. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents time in ms, ranging from 0 to 1.0 ms. The plot shows a burst of signal at approximately 0.5 ms. The signal level is around -11.45 dBm. The plot is titled 'Spectrum' and includes parameters: Ref Level 20.00 dBm, Att 30 dB, SWT 10 ms, RBW 1 MHz, VBW 3 MHz. The plot also shows a trigger level at -11.45 dBm and a trigger delay of 1.63250 ms. The plot is dated 29 JUN 2021 11:09:04.

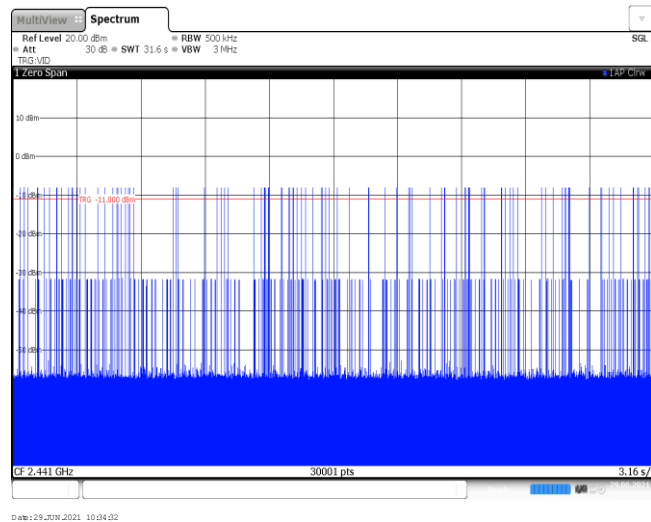
DH3
Burst number

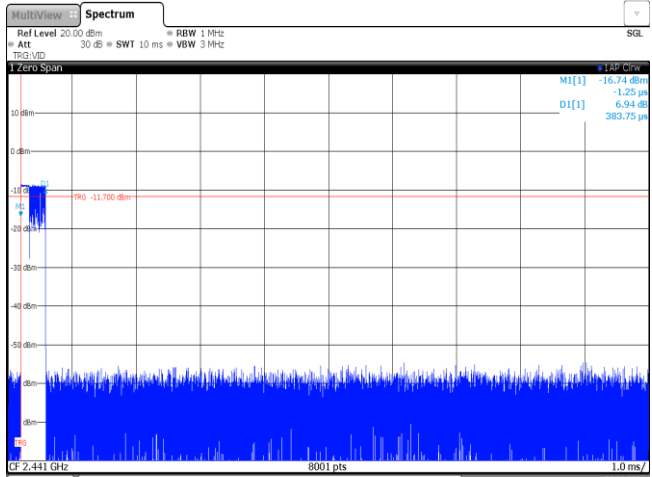
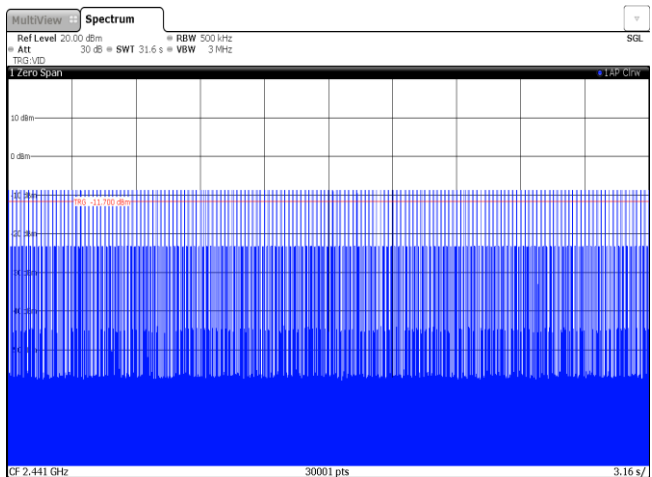
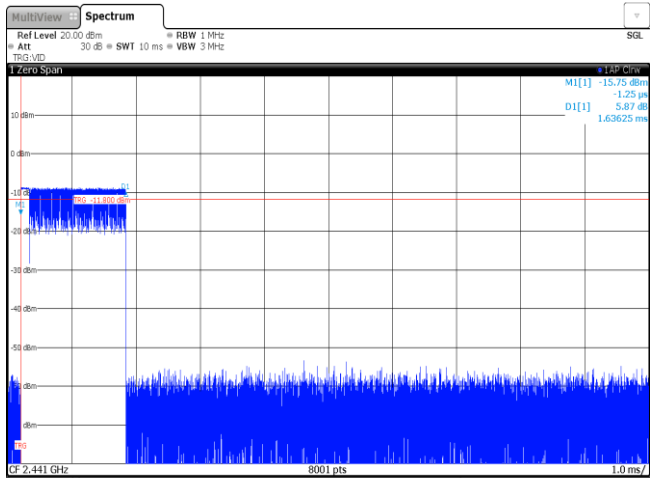


DH5
Burst width

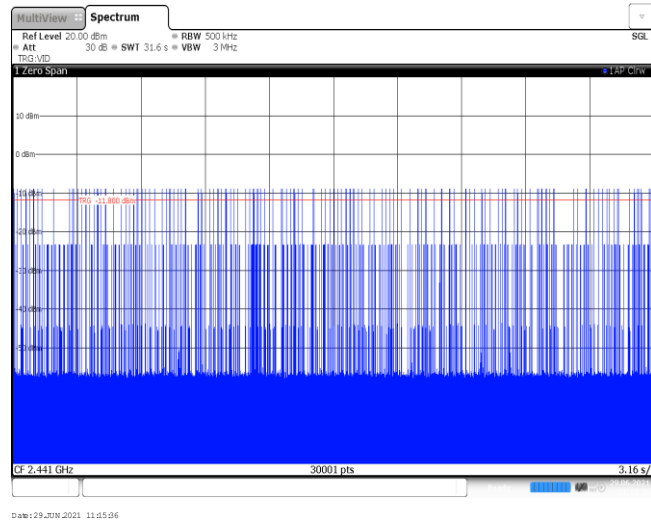


DH5
Burst number

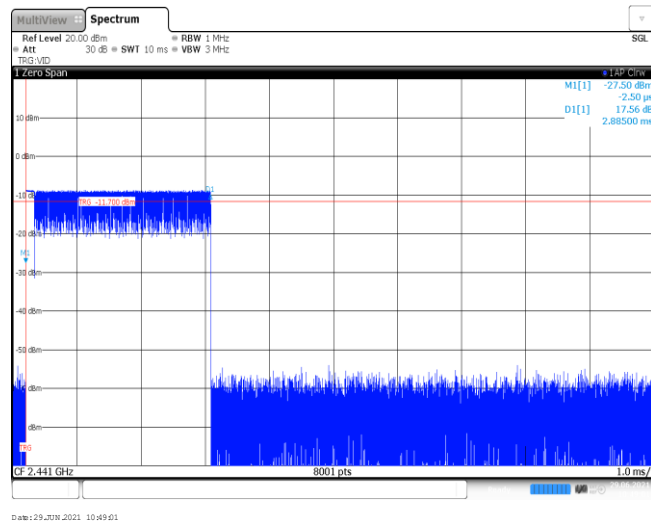


Modulation Type:	$\pi/4$ DQPSK
2DH1 Burst width	 The spectrum plot shows a single burst of signal at 2.441 GHz. The y-axis represents power in dBm, ranging from -80 to 10. The x-axis represents frequency in MHz, ranging from 2.435 to 2.447. A red horizontal line indicates the noise floor at approximately -11.700 dBm. The signal burst is visible as a blue trace. The plot includes parameters: Ref Level 20.00 dBm, Att 30 dB, RBW 1 MHz, SWT 10 ms, VBW 3 MHz. The date is 29 JUN 2021 11:12:11.
2DH1 Burst number	 The spectrum plot shows multiple bursts of signal at 2.441 GHz. The y-axis represents power in dBm, ranging from -80 to 10. The x-axis represents frequency in MHz, ranging from 2.435 to 2.447. A red horizontal line indicates the noise floor at approximately -11.700 dBm. The signal bursts are visible as blue traces. The plot includes parameters: Ref Level 20.00 dBm, Att 30 dB, RBW 500 kHz, SWT 31.6 s, VBW 3 MHz. The date is 29 JUN 2021 11:12:45.
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 -80 to 10. The x-axis represents frequency in MHz, ranging from 2.435 to 2.447. A red horizontal line indicates the noise floor at approximately -11.400 dBm. The signal burst is visible as a blue trace. The plot includes parameters: Ref Level 20.00 dBm, Att 30 dB, RBW 1 MHz, SWT 10 ms, VBW 3 MHz. The date is 29 JUN 2021 11:15:02.

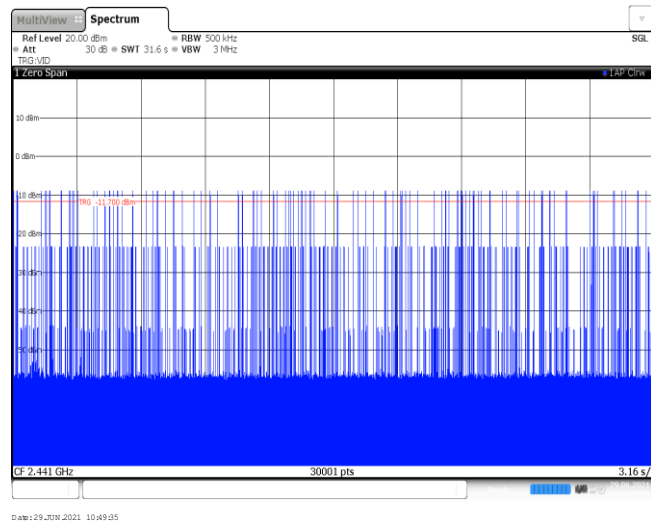
2DH3
Burst number



2DH5
Burst width

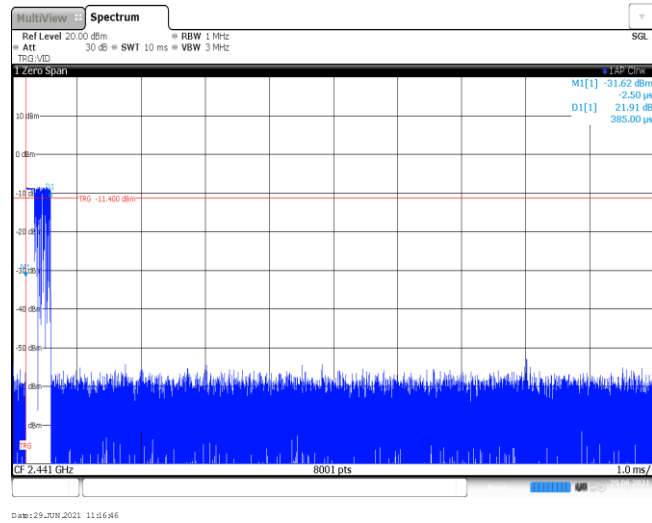
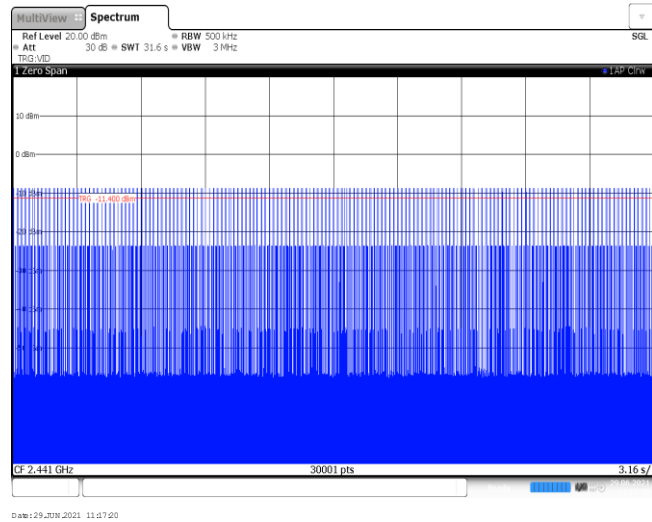
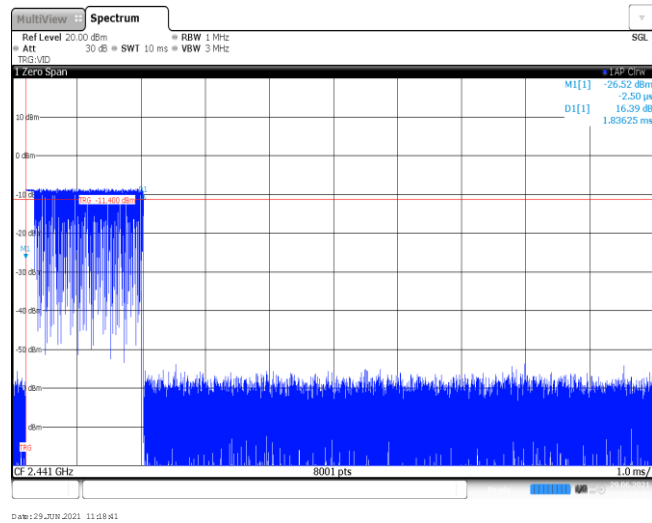


2DH5
Burst number

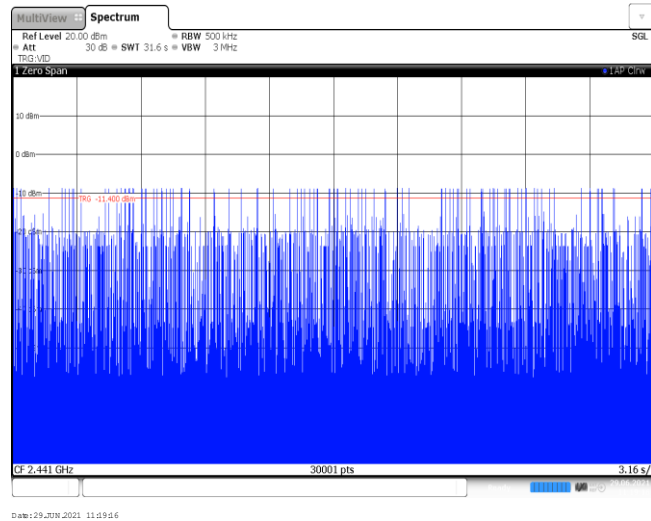


Modulation Type:

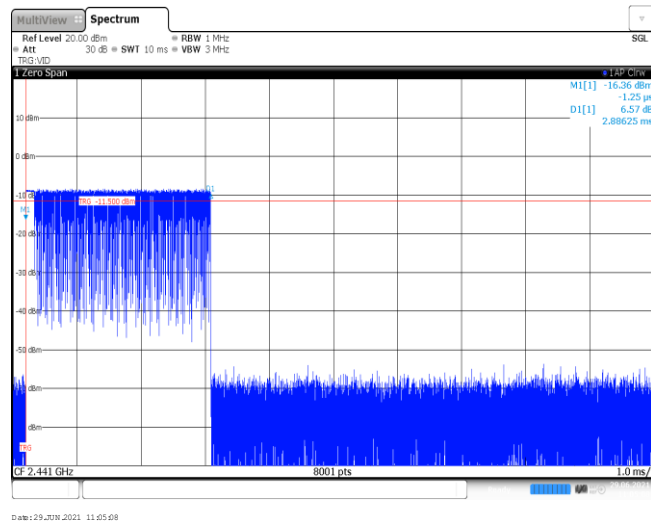
8DPSK

3DH1
Burst width3DH1
Burst number3DH3
Burst width

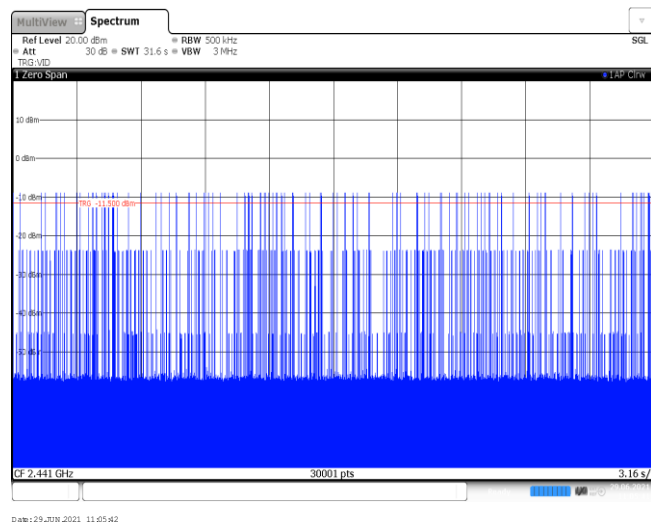
3DH3
Burst number



3DH5
Burst width



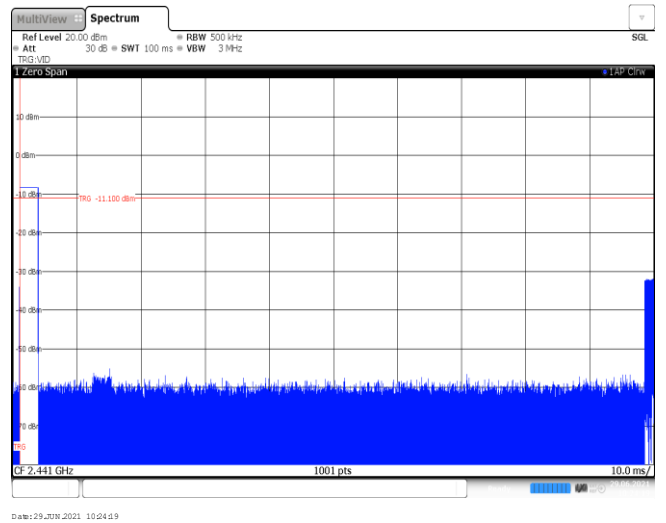
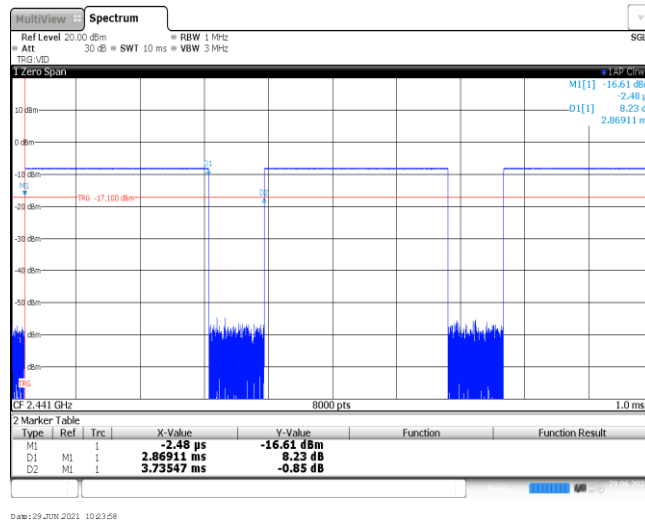
3DH5
Burst number



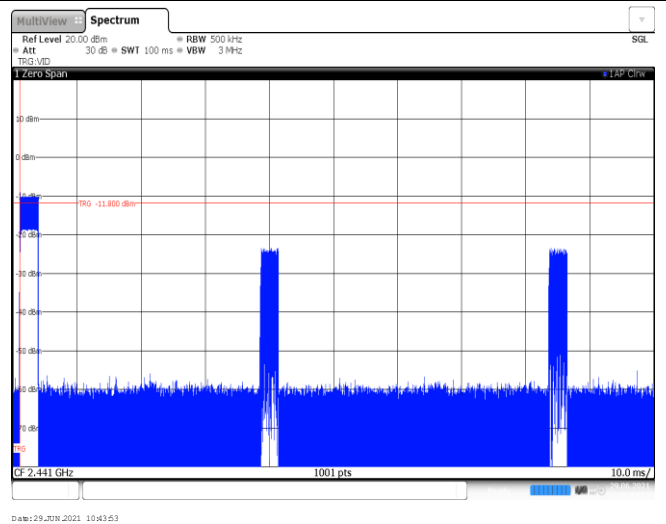
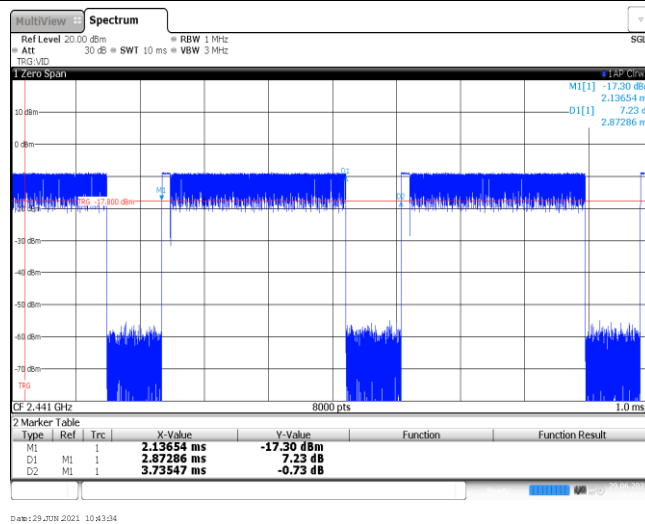
Appendix G: Duty Cycle Correction Factor (DCCF)

DCCF Calculate Formula					
DCCF=20 * Log(duty cycle) = 20 * Log($T_{\text{on time}} / T_{\text{period}}$)					
Modulation type	Test Frequency (MHz)	$T_{\text{on time}}$ for single burst [ms]	T_{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.87	100	2	-24.82
$\pi/4$ DQPSK	2441	2.87	100	3	-21.30
8DPSK	2441	2.88	100	3	-21.27

GFSK

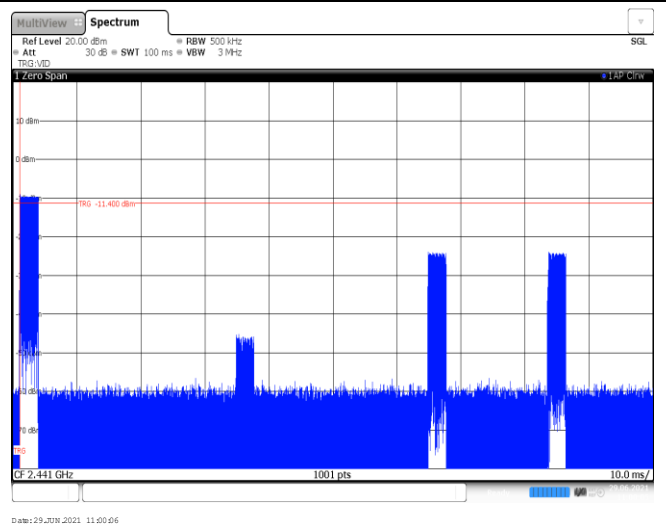
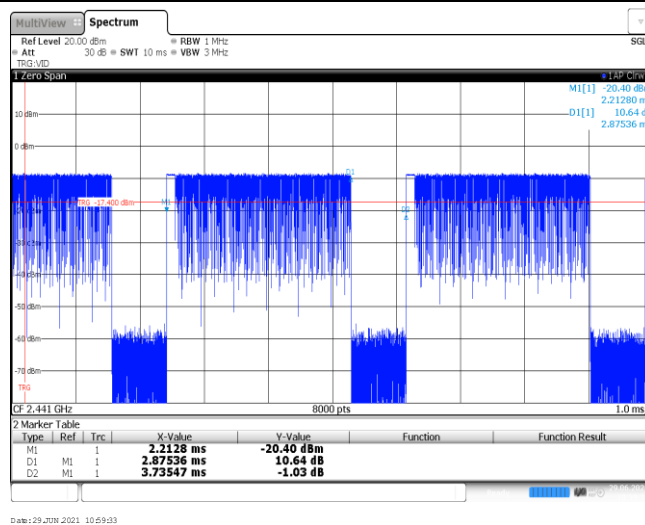
T_{on} time for single burst

Burst Quantity

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

Burst Quantity

8DPSK

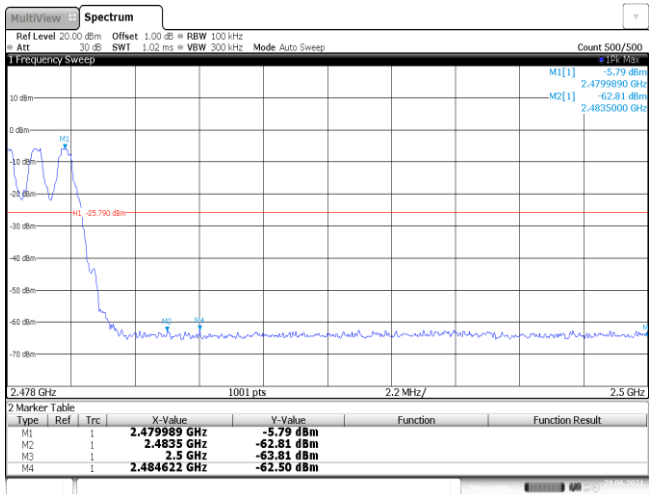
T_{on} time for single burst

Burst Quantity

Appendix H: Band edge and Spurious Emissions (conducted)

Test Item:	Band edge	Modulation type:	GFSK																																										
CH00 No hopping mode	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWT 1.05 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 -21.510 dBm M2 -1.51 dBm M3 2.4021050 GHz M4 58.94 dBm M5 2.4000000 GHz 2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz <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>2.402105 GHz</td><td>-1.51 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-58.94 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-63.54 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-64.24 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399965 GHz</td><td>-58.95 dBm</td><td></td><td></td></tr></table> Date: 29 JUN 2021 10:21:14			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	-1.51 dBm			M2	1		2.4 GHz	-58.94 dBm			M3	1		2.39 GHz	-63.54 dBm			M4	1		2.31 GHz	-64.24 dBm			M5	1		2.399965 GHz	-58.95 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.402105 GHz	-1.51 dBm																																									
M2	1		2.4 GHz	-58.94 dBm																																									
M3	1		2.39 GHz	-63.54 dBm																																									
M4	1		2.31 GHz	-64.24 dBm																																									
M5	1		2.399965 GHz	-58.95 dBm																																									
CH00 Hopping mode	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWT 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1 Frequency Sweep 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 -22.000 dBm M2 -2.00 dBm M3 2.4049530 GHz M4 -62.84 dBm M5 2.4000000 GHz 2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz <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>2.404953 GHz</td><td>-2.00 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-62.84 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-63.70 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-64.17 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.35788 GHz</td><td>-60.96 dBm</td><td></td><td></td></tr></table> Date: 29 JUN 2021 10:23:23			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404953 GHz	-2.00 dBm			M2	1		2.4 GHz	-62.84 dBm			M3	1		2.39 GHz	-63.70 dBm			M4	1		2.31 GHz	-64.17 dBm			M5	1		2.35788 GHz	-60.96 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.404953 GHz	-2.00 dBm																																									
M2	1		2.4 GHz	-62.84 dBm																																									
M3	1		2.39 GHz	-63.70 dBm																																									
M4	1		2.31 GHz	-64.17 dBm																																									
M5	1		2.35788 GHz	-60.96 dBm																																									
CH78 No hopping mode	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWT 1.02 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 -25.130 dBm M2 -5.13 dBm M3 2.4801430 GHz M4 -64.27 dBm M5 2.4835000 GHz 2.478 GHz 1001 pts 2.2 MHz/ 2.5 GHz <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>2.480143 GHz</td><td>-5.13 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-64.27 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-64.41 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.491838 GHz</td><td>-61.87 dBm</td><td></td><td></td></tr></table> Date: 29 JUN 2021 10:30:17			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.480143 GHz	-5.13 dBm			M2	1		2.4835 GHz	-64.27 dBm			M3	1		2.5 GHz	-64.41 dBm			M4	1		2.491838 GHz	-61.87 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.480143 GHz	-5.13 dBm																																									
M2	1		2.4835 GHz	-64.27 dBm																																									
M3	1		2.5 GHz	-64.41 dBm																																									
M4	1		2.491838 GHz	-61.87 dBm																																									

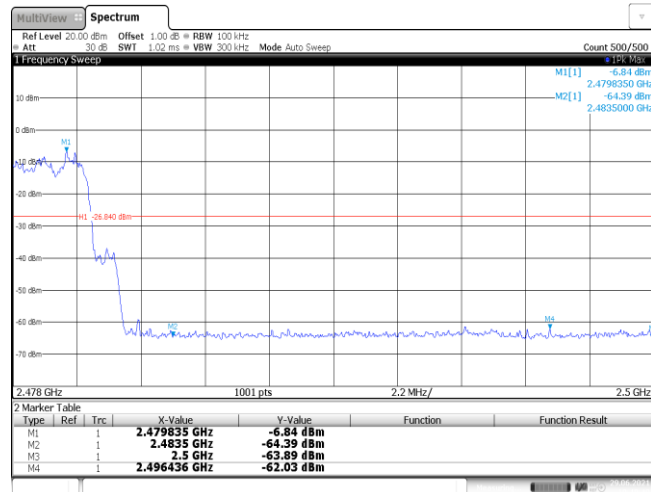
CH78
Hopping mode



Date: 29_JUN 2021 10:33:47

Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
CH00 No hopping mode	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SW 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep M1[1] -3.03 dBm 2.401821 GHz M2[1] -57.65 dBm 2.400000 GHz 2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz <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>2.401821 GHz</td><td>-3.03 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-57.65 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-63.94 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.68 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399965 GHz</td><td>-58.50 dBm</td><td></td><td></td></tr></table> Date: 29_JUN 2021 10:40:16			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.401821 GHz	-3.03 dBm			M2	1		2.4 GHz	-57.65 dBm			M3	1		2.39 GHz	-63.94 dBm			M4	1		2.31 GHz	-63.68 dBm			M5	1		2.399965 GHz	-58.50 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.401821 GHz	-3.03 dBm																																									
M2	1		2.4 GHz	-57.65 dBm																																									
M3	1		2.39 GHz	-63.94 dBm																																									
M4	1		2.31 GHz	-63.68 dBm																																									
M5	1		2.399965 GHz	-58.50 dBm																																									
CH00 Hopping mode	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SW 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep M1[1] -4.30 dBm 2.403054 GHz M2[1] -61.67 dBm 2.400000 GHz 2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz <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>2.403054 GHz</td><td>-4.30 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-61.67 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-62.95 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.48 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399775 GHz</td><td>-60.81 dBm</td><td></td><td></td></tr></table> Date: 29_JUN 2021 10:48:05			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.403054 GHz	-4.30 dBm			M2	1		2.4 GHz	-61.67 dBm			M3	1		2.39 GHz	-62.95 dBm			M4	1		2.31 GHz	-63.48 dBm			M5	1		2.399775 GHz	-60.81 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.403054 GHz	-4.30 dBm																																									
M2	1		2.4 GHz	-61.67 dBm																																									
M3	1		2.39 GHz	-62.95 dBm																																									
M4	1		2.31 GHz	-63.48 dBm																																									
M5	1		2.399775 GHz	-60.81 dBm																																									
CH78 No hopping mode	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SW 1.02 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep M1[1] -6.04 dBm 2.479835 GHz M2[1] -63.99 dBm 2.483500 GHz 2.478 GHz 1001 pts 2.2 MHz/ 2.5 GHz <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>2.479835 GHz</td><td>-6.04 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-63.99 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-64.37 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.492388 GHz</td><td>-61.91 dBm</td><td></td><td></td></tr></table> Date: 29_JUN 2021 10:36:53			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479835 GHz	-6.04 dBm			M2	1		2.4835 GHz	-63.99 dBm			M3	1		2.5 GHz	-64.37 dBm			M4	1		2.492388 GHz	-61.91 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.479835 GHz	-6.04 dBm																																									
M2	1		2.4835 GHz	-63.99 dBm																																									
M3	1		2.5 GHz	-64.37 dBm																																									
M4	1		2.492388 GHz	-61.91 dBm																																									

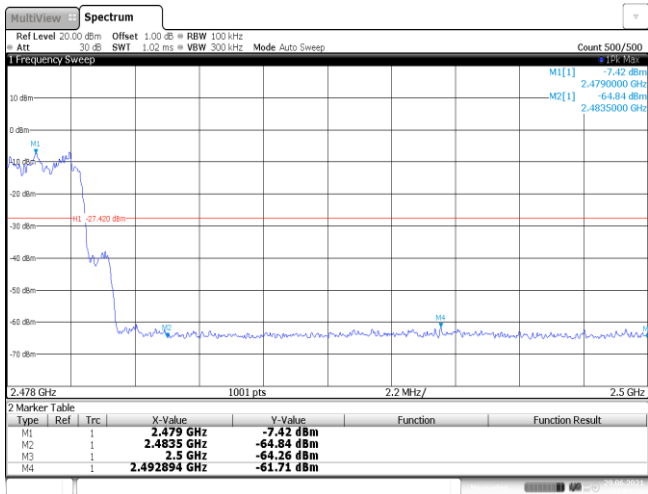
CH78
Hopping mode

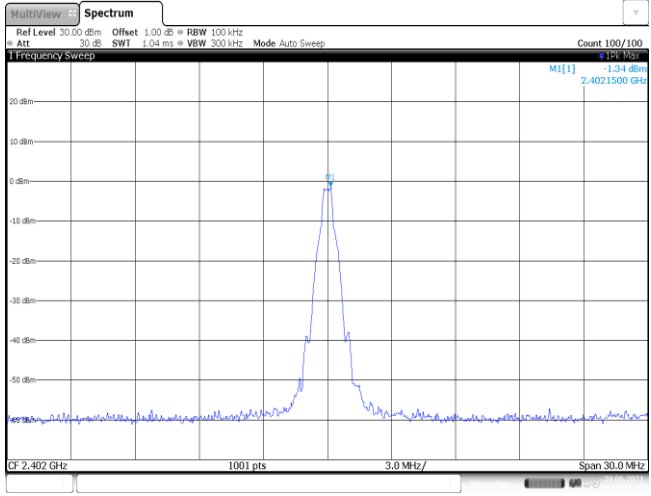
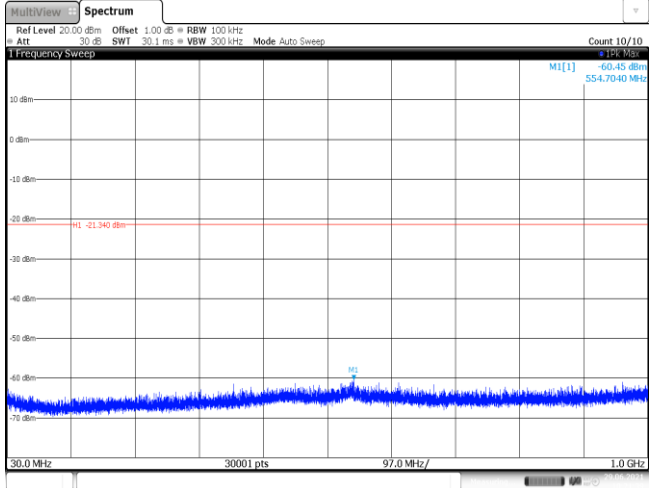
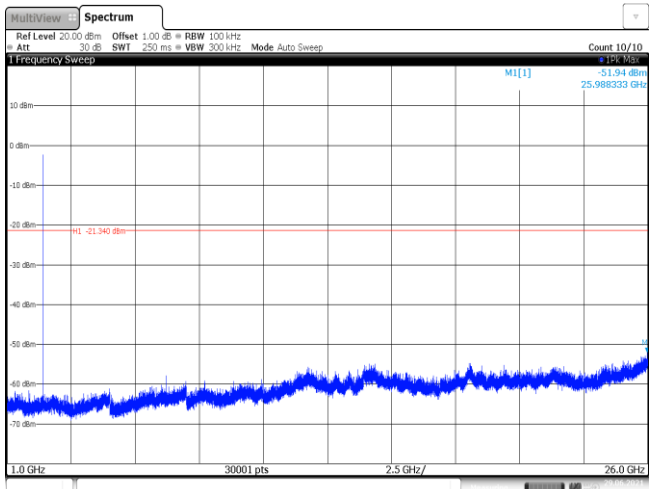


Date: 29_JUN 2021 10:48:50

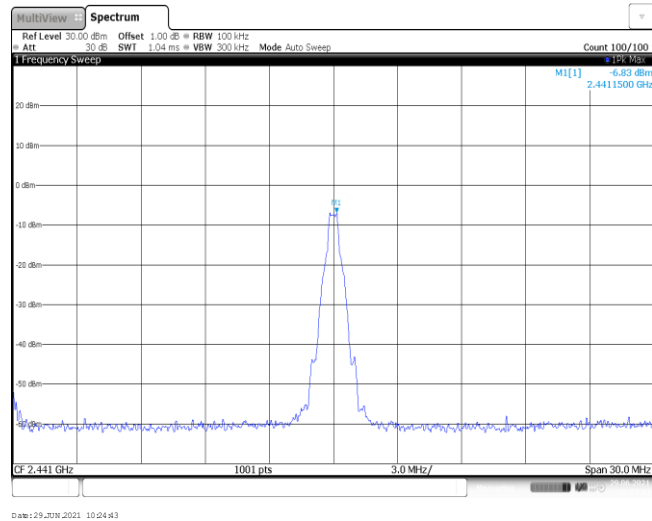
Test Item:	Band edge	Modulation type:	8DPSK
CH00 No hopping mode			

CH78
Hoppig mode

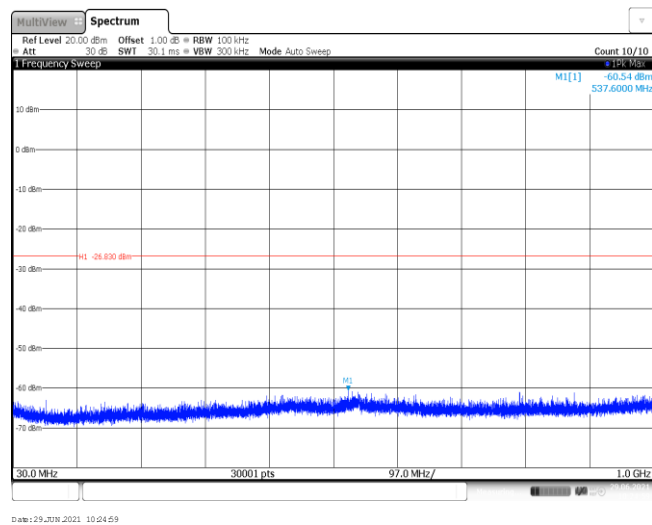


Test Item:	Spurious Emission	Modulation type:	GFSK
CH00 Reference level			
CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

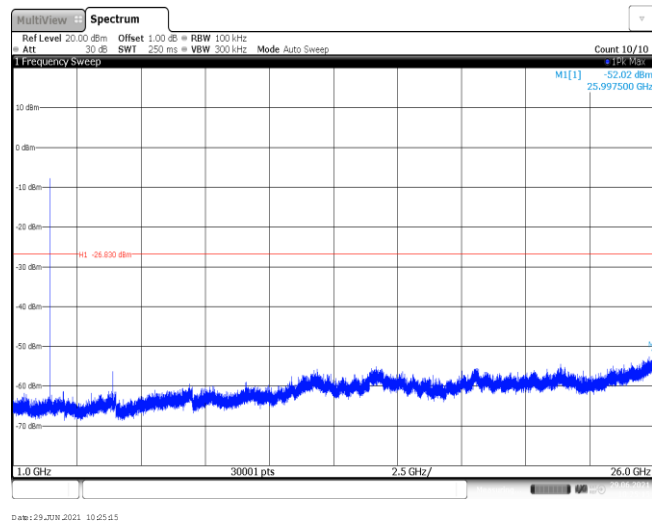
CH39
Reference level



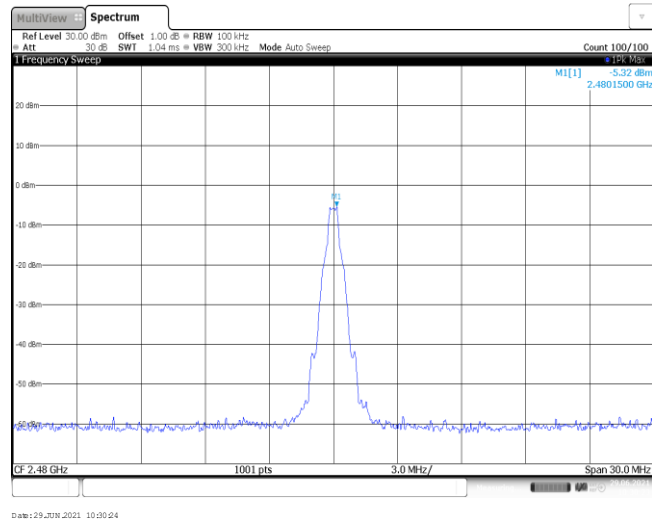
CH39
30MHz~1000MHz



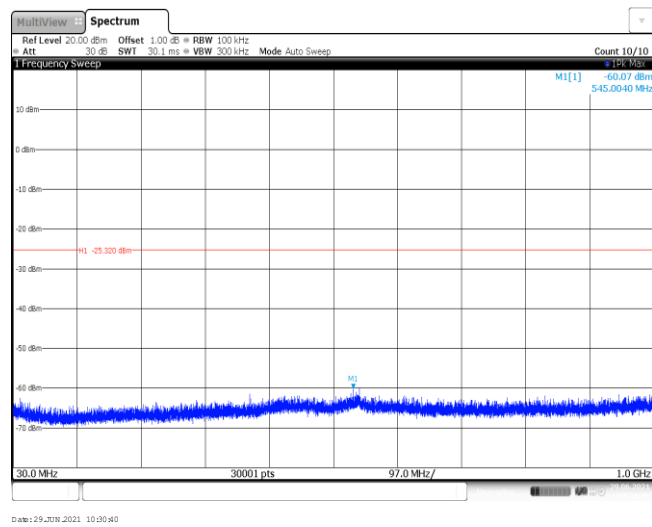
CH39
1GHz~26GHz



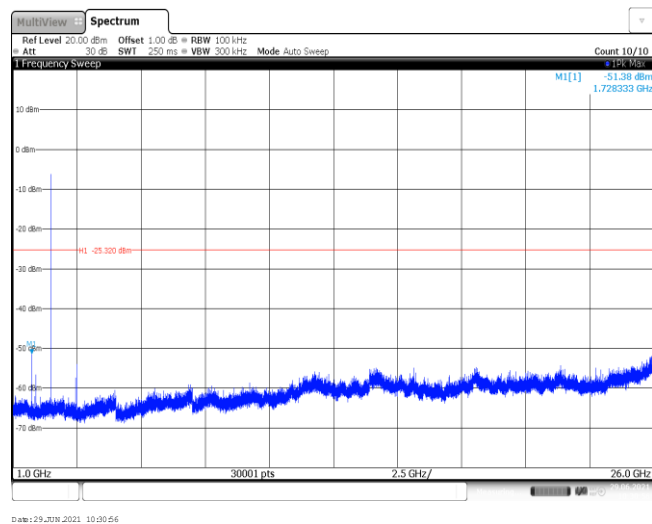
CH78
Reference level

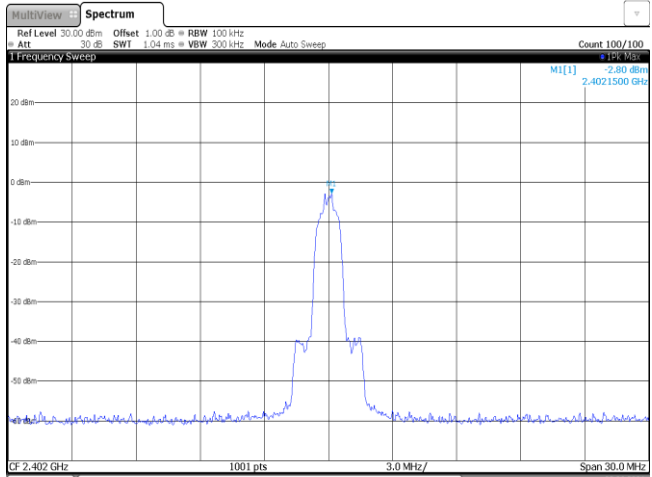
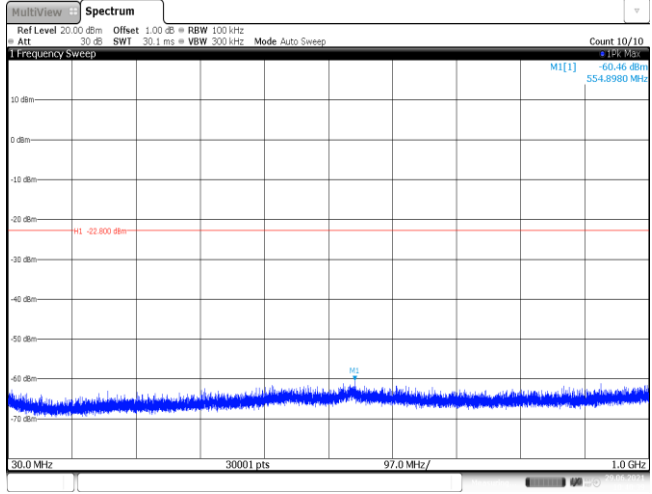
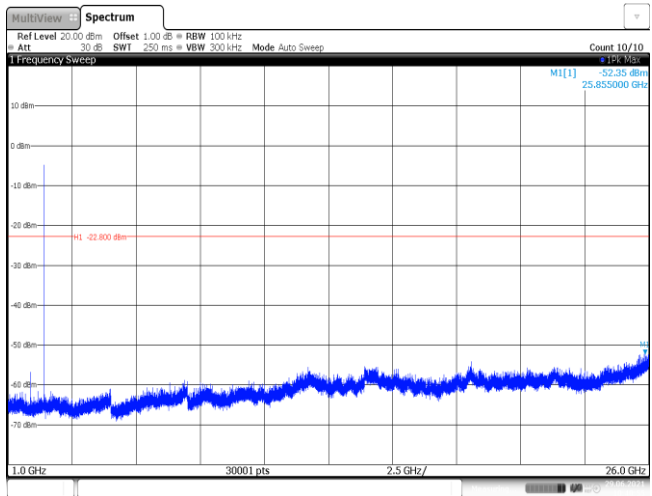


CH78
30MHz~1000MHz

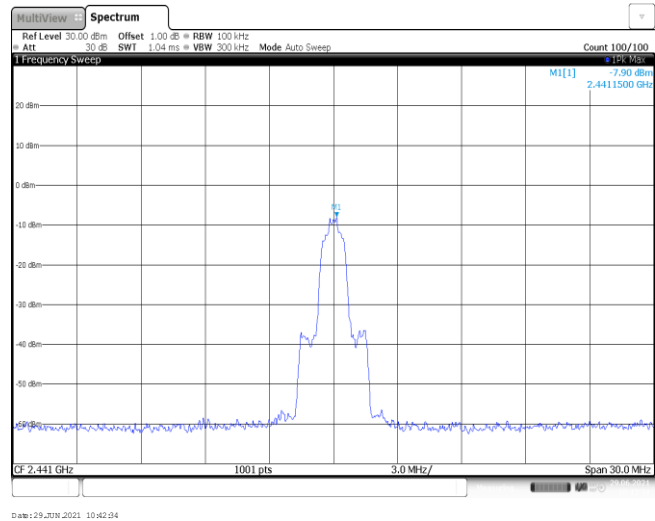


CH78
1GHz~26GHz

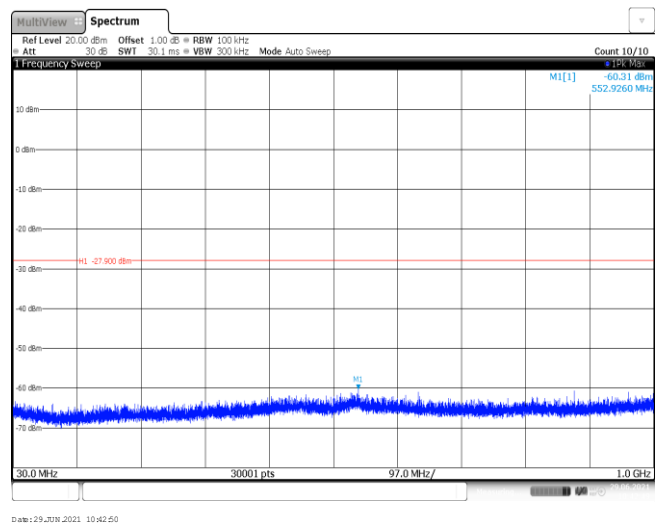


Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
CH00 Reference level	 Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 M1[1] -2.90 dBm 2.4021500 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 29 JUN 2021 10:40:23		
CH00 30MHz~1000MHz	 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] -60.46 dBm 554.8980 MHz H1 -22.800 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 29 JUN 2021 10:40:39		
CH00 1GHz~26GHz	 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] -52.35 dBm 25.855000 GHz H1 -22.800 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 29 JUN 2021 10:40:56		

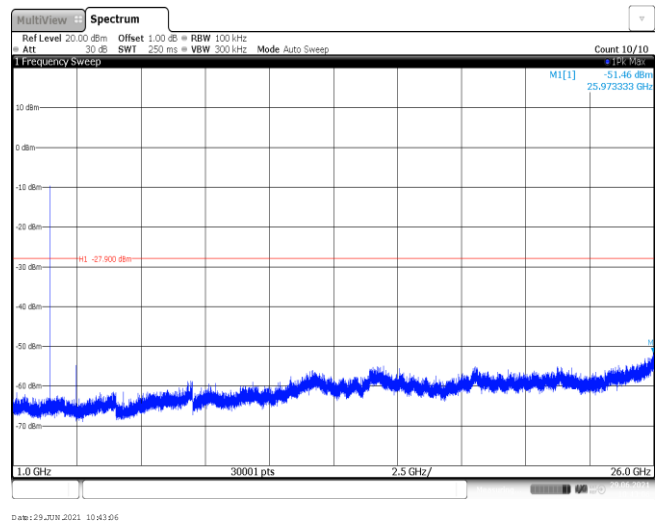
CH39
Reference level



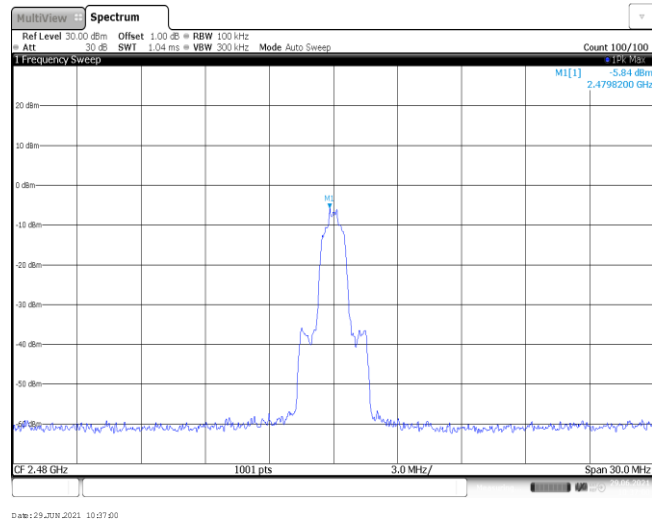
CH39
30MHz~1000MHz



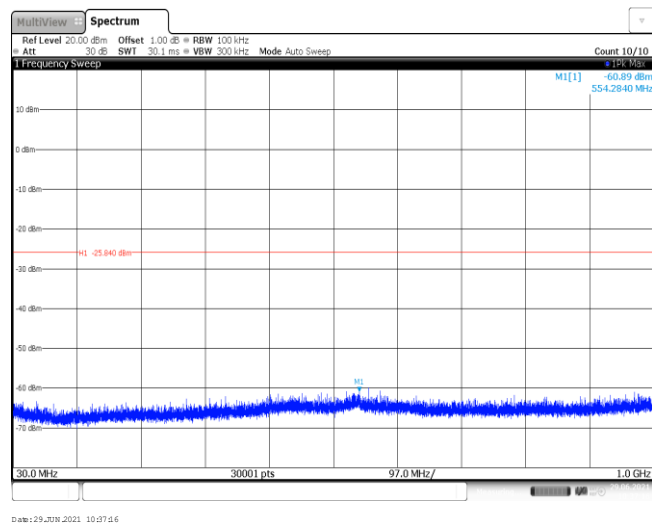
CH39
1GHz~26GHz



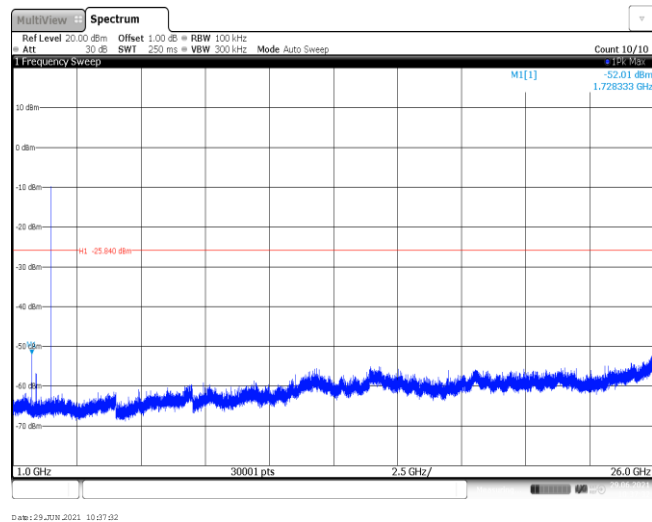
CH78
Reference level

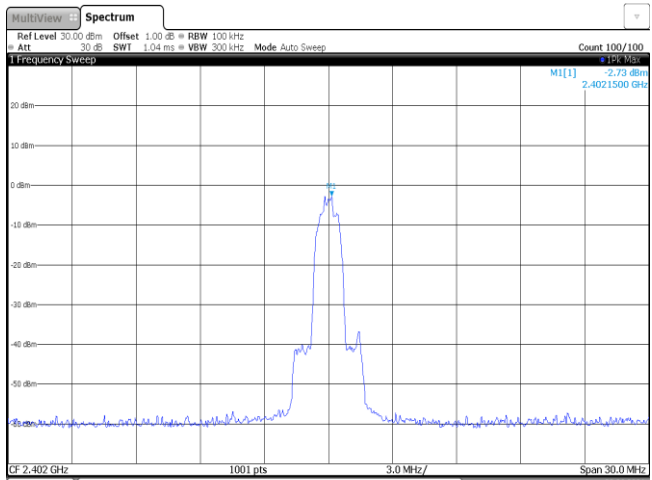
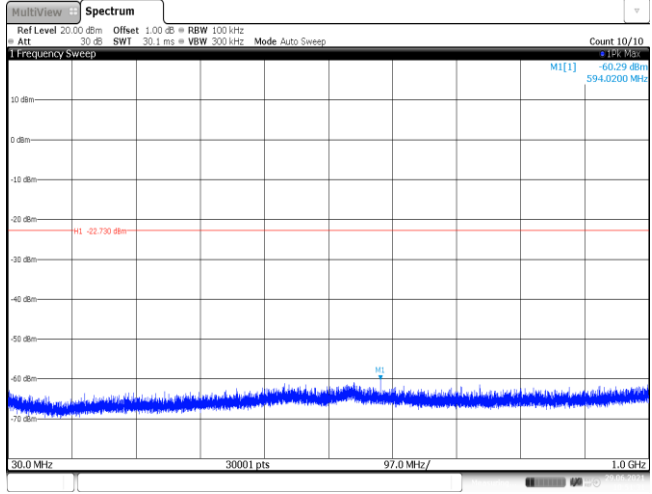
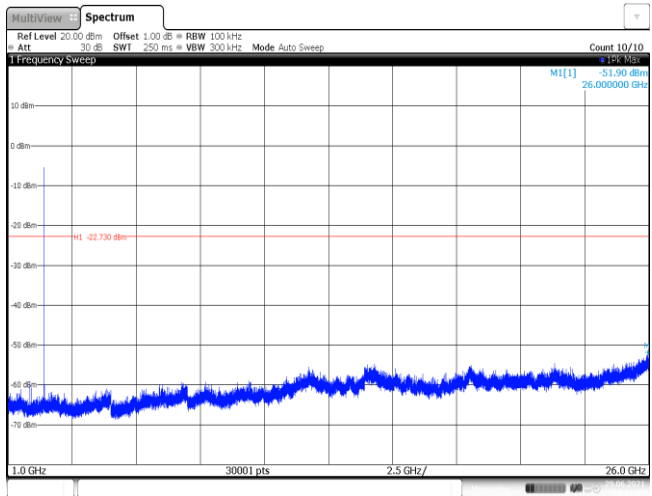


CH78
30MHz~1000MHz

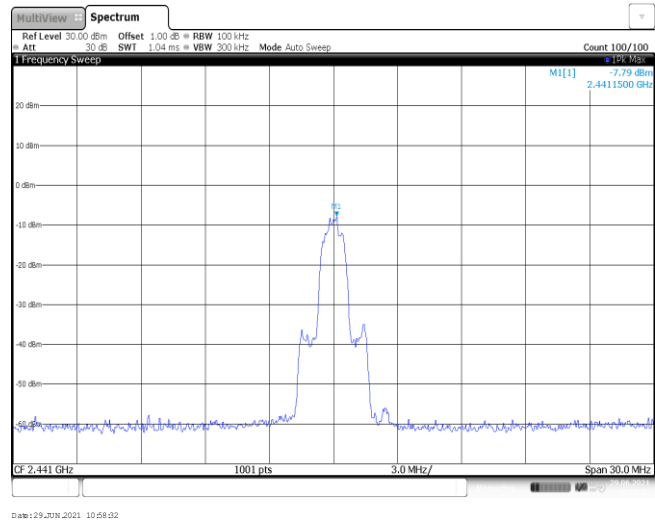


CH78
1GHz~26GHz

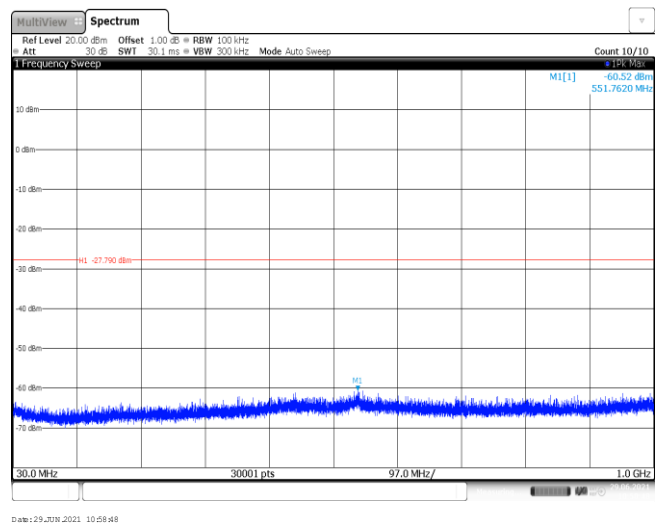


Test Item:	Spurious Emission	Modulation type:	8DPSK
CH00 Reference level	 Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 M1[1] -2.73 dBm 2.4021500 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 29 JUN 2021 10:51:45		
CH00 30MHz~1000MHz	 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] -60.29 dBm 594.0200 MHz H1 -22.730 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 29 JUN 2021 10:51:01		
CH00 1GHz~26GHz	 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] -51.90 dBm 26.000000 GHz H1 -22.730 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 29 JUN 2021 10:51:47		

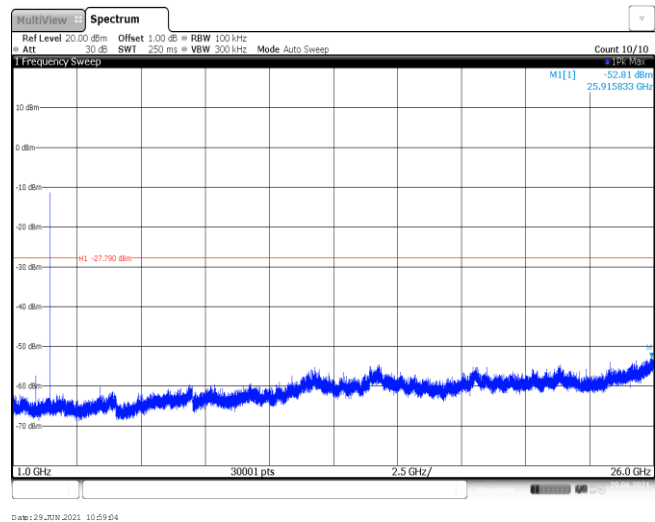
CH39
Reference level



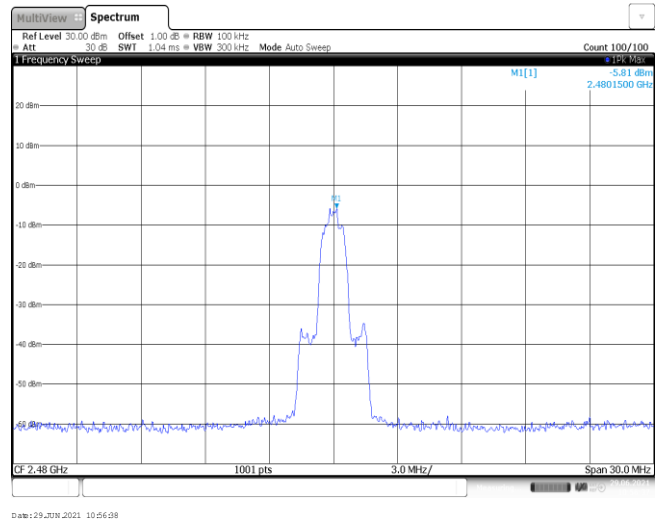
CH39
30MHz~1000MHz



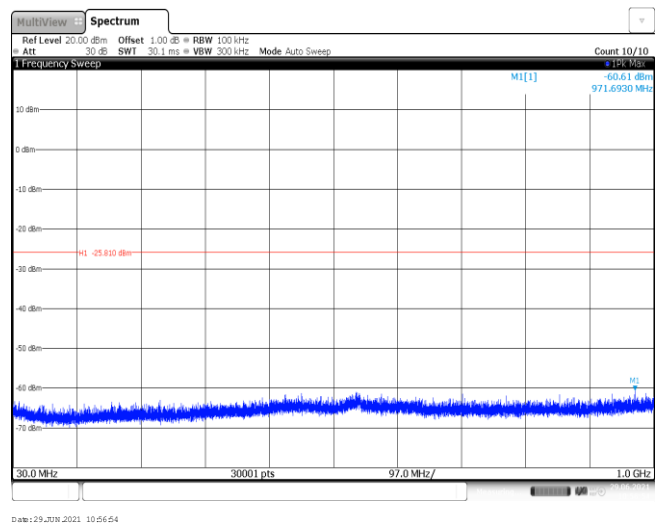
CH39
1GHz~26GHz



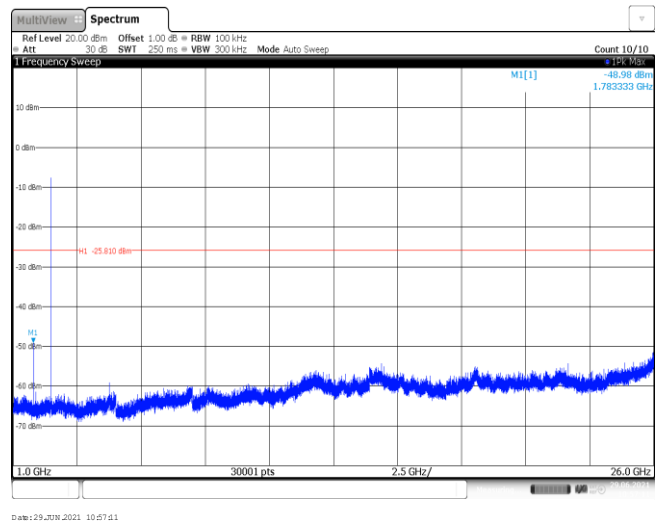
CH78
Reference level



CH78
30MHz~1000MHz



CH78
1GHz~26GHz



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