

APPENDIX REPORT

Project No.	SHT2105073301EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT21050733005	Model No.	S1
Start test date	2021-05-27	Finish date	2021-05-27
Temperature	26.5°C	Humidity	65%
Test Engineer	Qizhi Zhang	Auditor	Xiaodong Zhuo

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

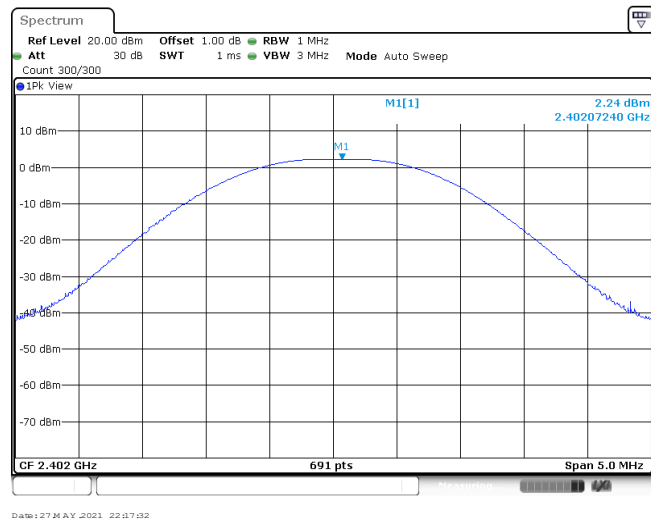
Appendix A: Peak Output Power

Modulation type	Channel	Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
GFSK	00	2.24	2.23	≤ 30.00	Pass
	39	2.18	2.16		
	78	2.22	2.20		
$\pi/4$ DQPSK	00	2.11	1.51	≤ 21.00	Pass
	39	2.04	1.51		
	78	2.01	1.41		
8DPSK	00	2.21	1.54	≤ 21.00	Pass
	39	2.19	1.52		
	78	2.18	1.45		

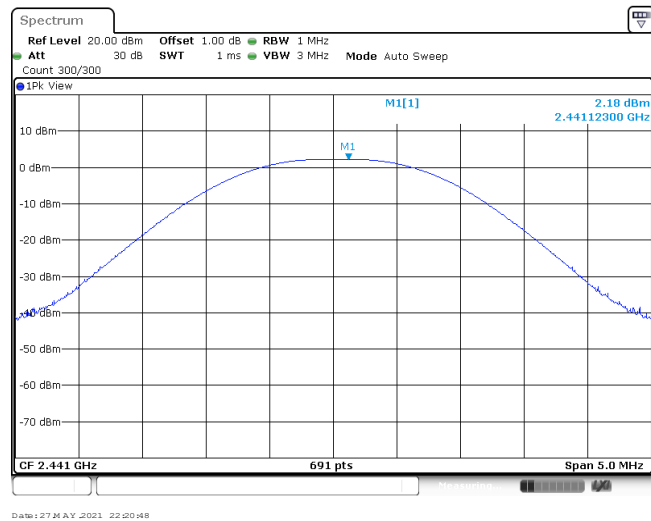
Modulation Type:

GFSK

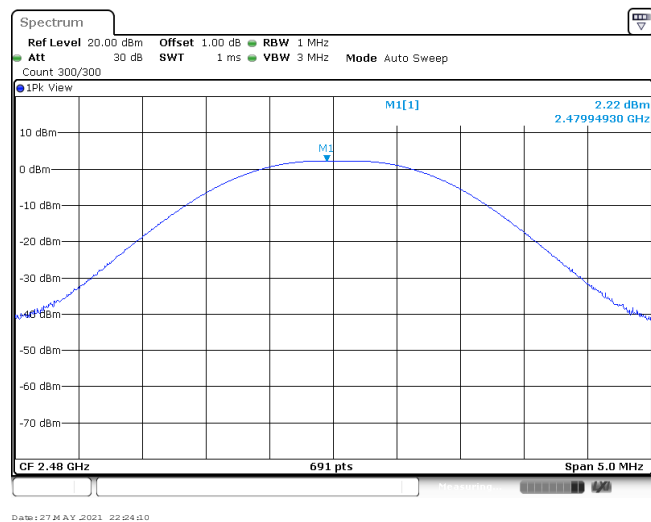
CH00



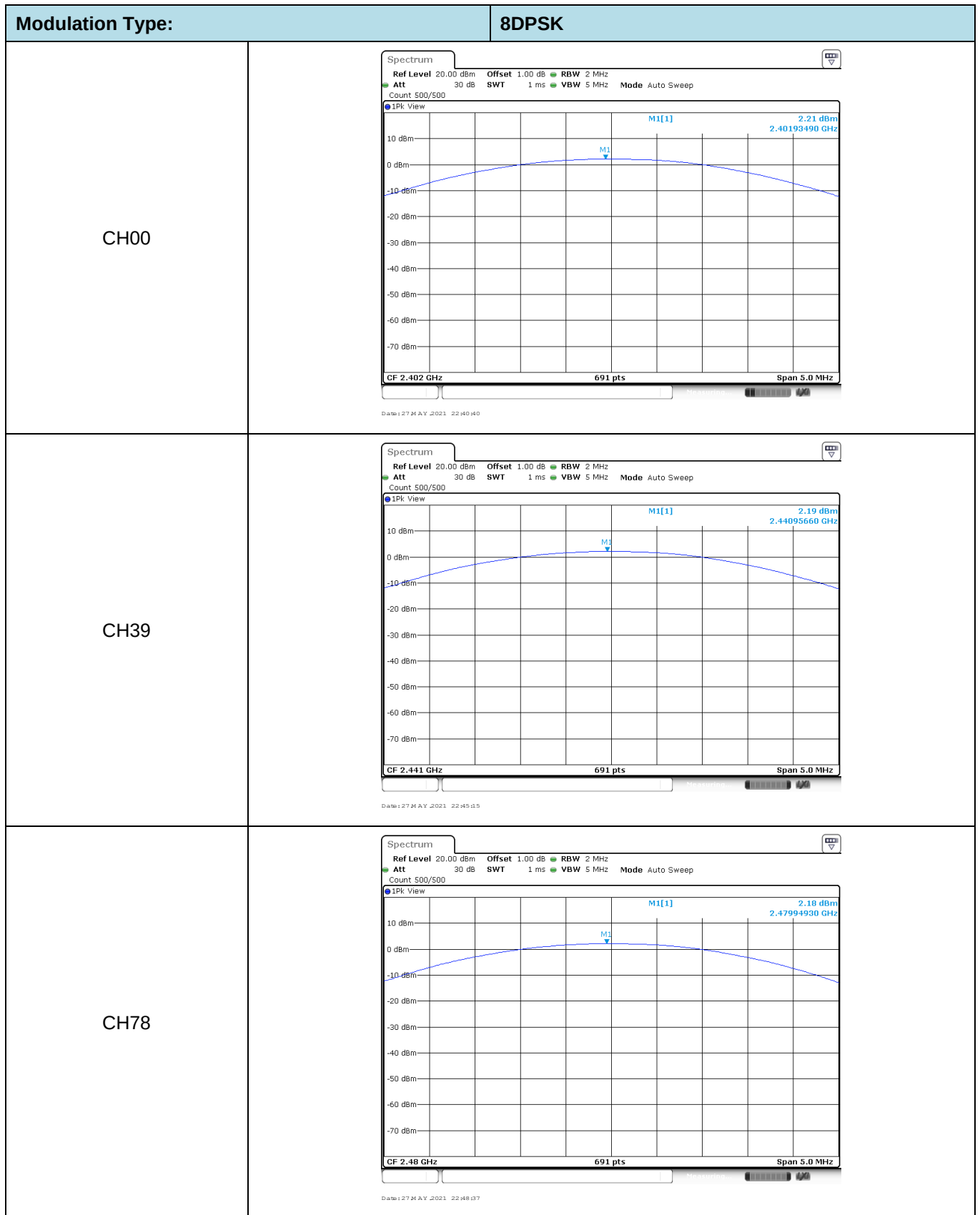
CH39



CH78

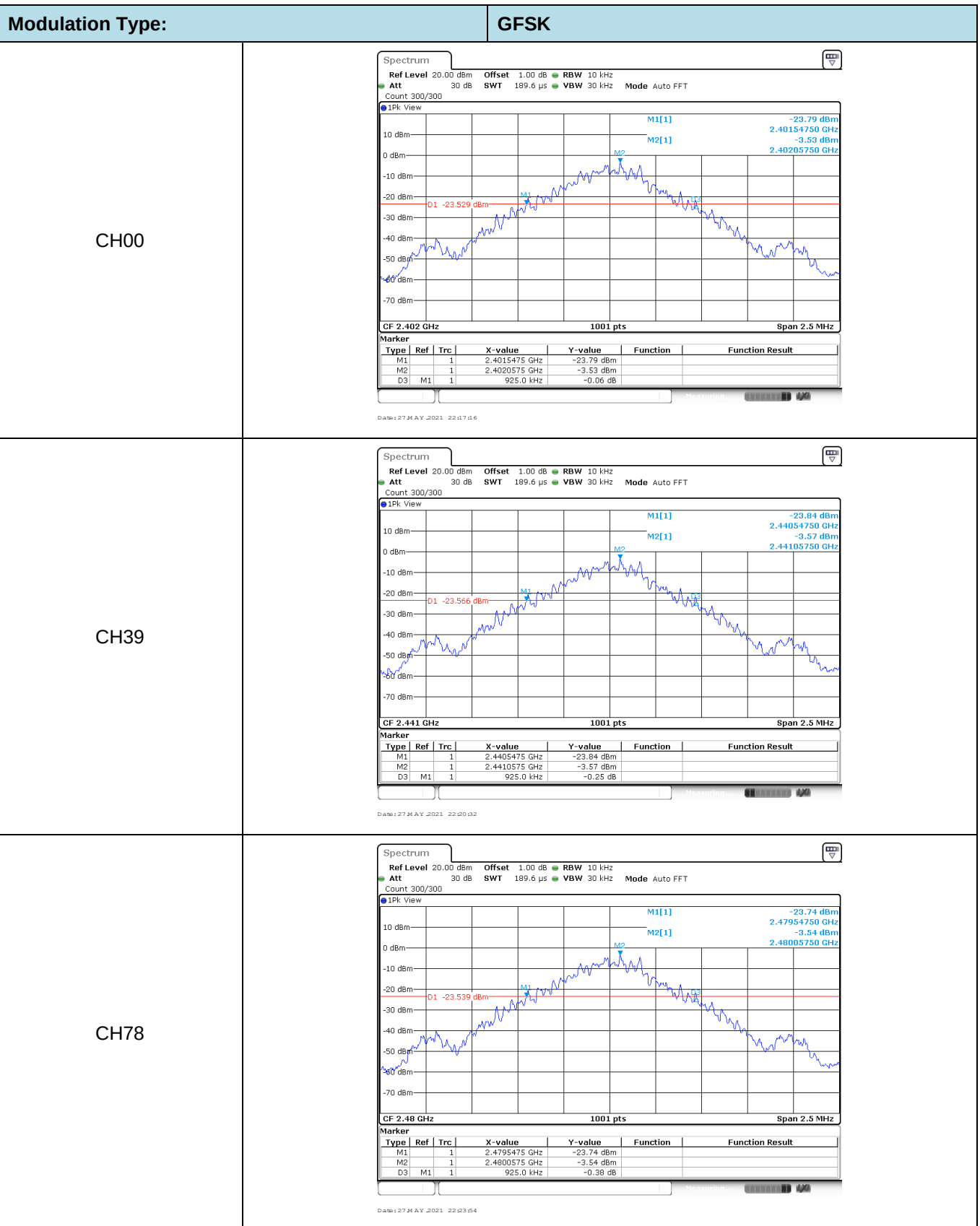


Modulation Type: π /4DQPSK	
CH00	Spectrum Ref Level 20.00 dBm Att 30 dB Count 500/500 Offset 1.00 dB SWT 1 ms RBW 2 MHz VBW 5 MHz Mode Auto Sweep 1Pk View M1[1] 2.11 dBm 2.40208680 GHz M1 CF 2.402 GHz 691 pts Span 5.0 MHz Date: 27 MAY 2021 22:56:21
CH39	Spectrum Ref Level 20.00 dBm Att 30 dB Count 500/500 Offset 1.00 dB SWT 1 ms RBW 2 MHz VBW 5 MHz Mode Auto Sweep 1Pk View M1[1] 2.04 dBm 2.44105070 GHz M1 CF 2.441 GHz 691 pts Span 5.0 MHz Date: 27 MAY 2021 22:51:26
CH78	Spectrum Ref Level 20.00 dBm Att 30 dB Count 500/500 Offset 1.00 dB SWT 1 ms RBW 2 MHz VBW 5 MHz Mode Auto Sweep 1Pk View M1[1] 2.01 dBm 2.48013020 GHz M1 CF 2.48 GHz 691 pts Span 5.0 MHz Date: 27 MAY 2021 22:52:34



Appendix B : 20 dB Bandwidth

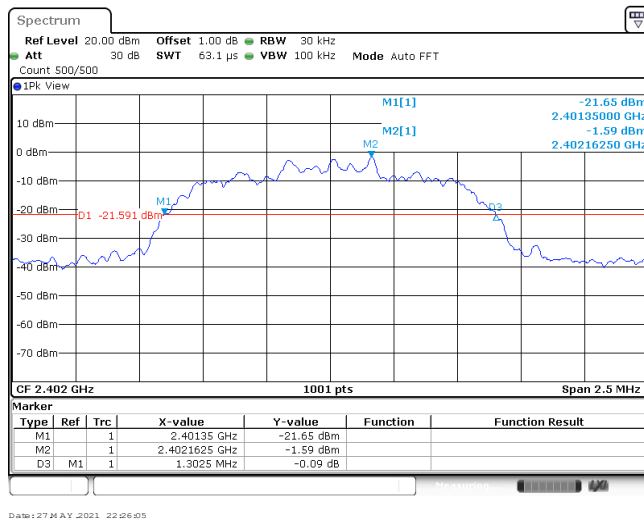
Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	925.00	-	Pass
	39	925.00		
	78	925.00		
$\pi/4$ DQPSK	00	1302.50	-	Pass
	39	1305.00		
	78	1300.00		
8DPSK	00	1292.50	-	Pass
	39	1292.50		
	78	1292.50		



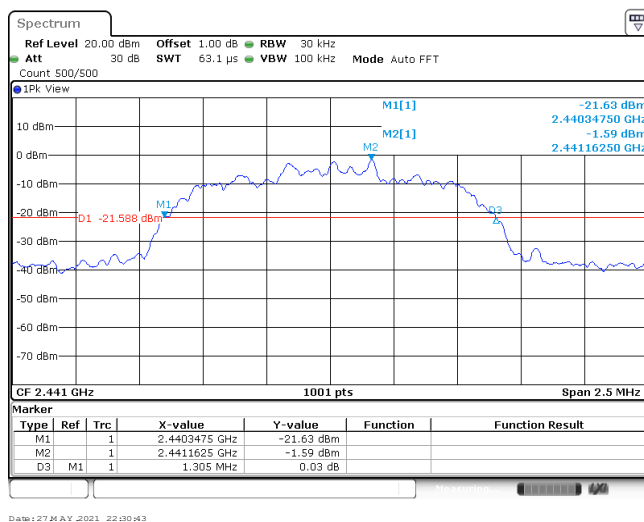
Modulation Type:

 $\pi/4$ DQPSK

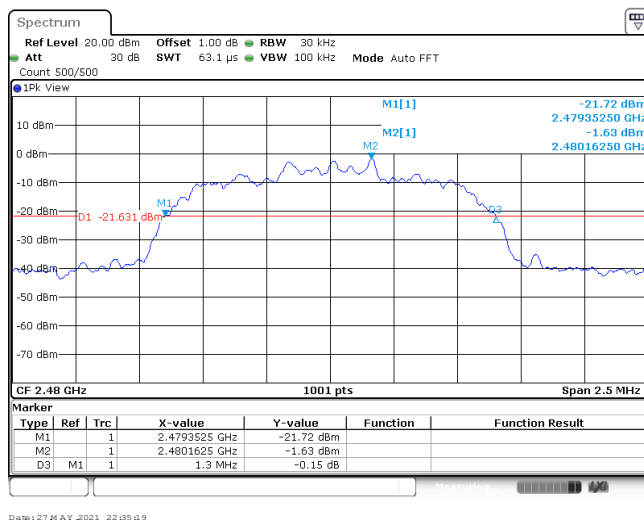
CH00



CH39



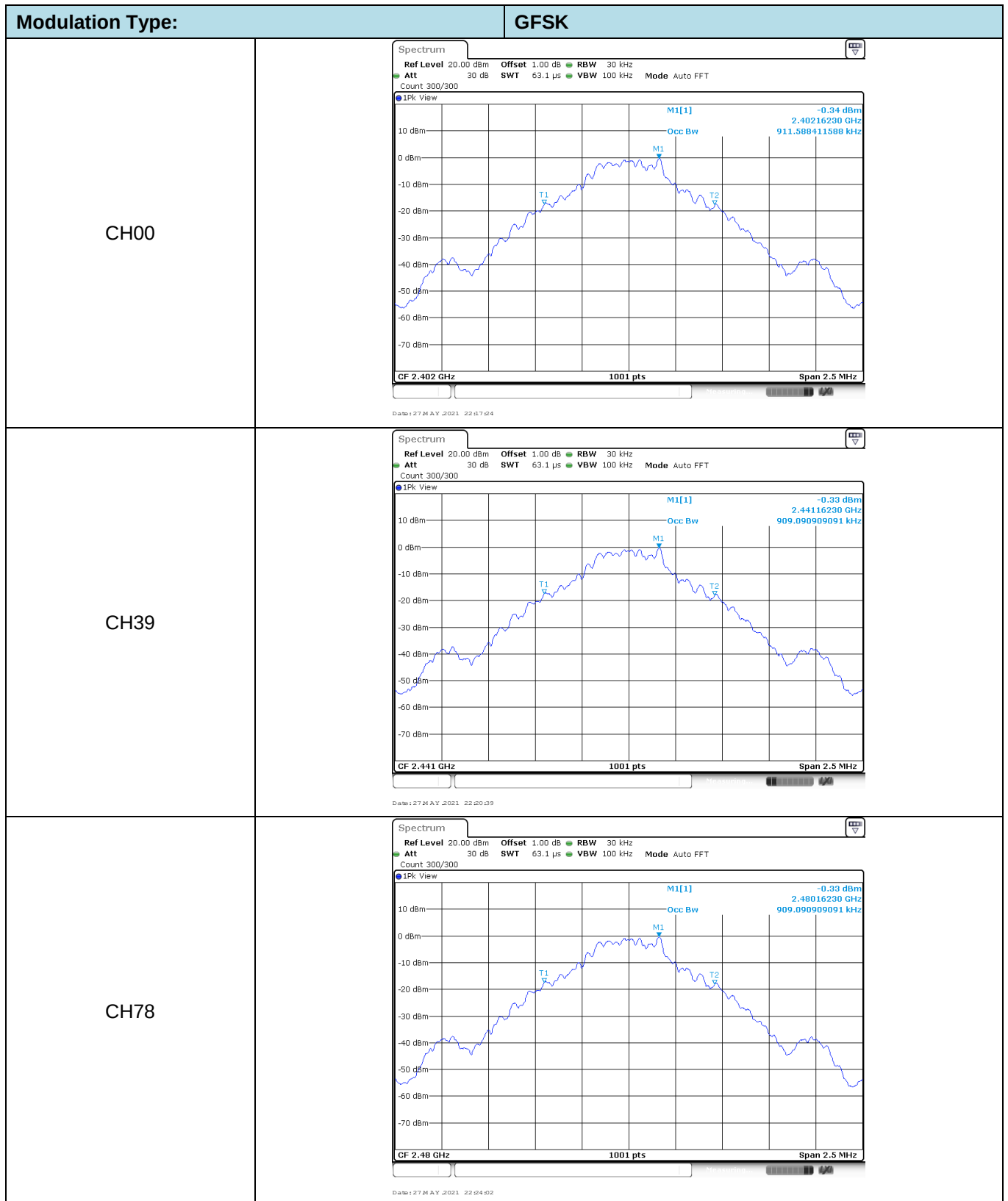
CH78

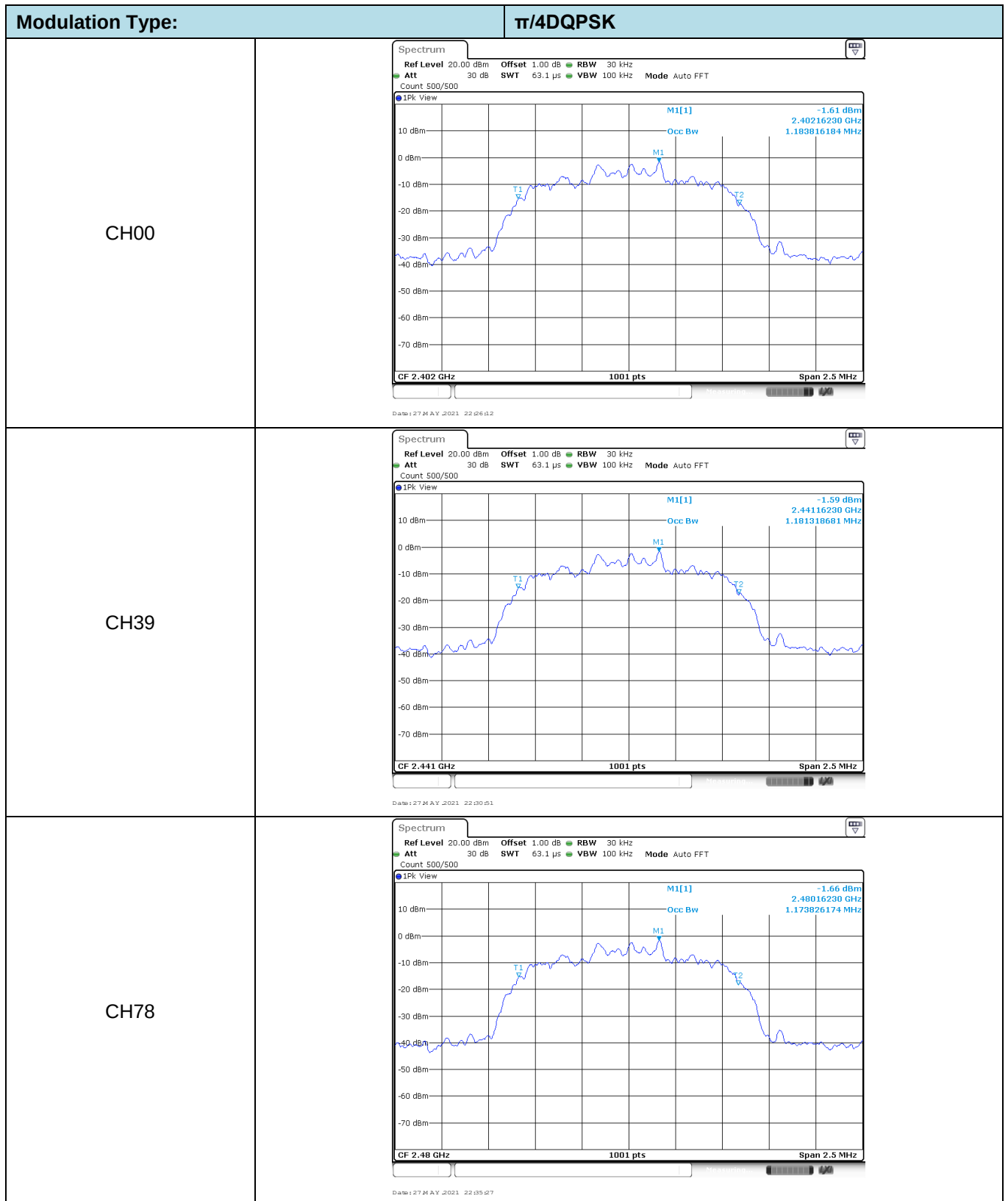


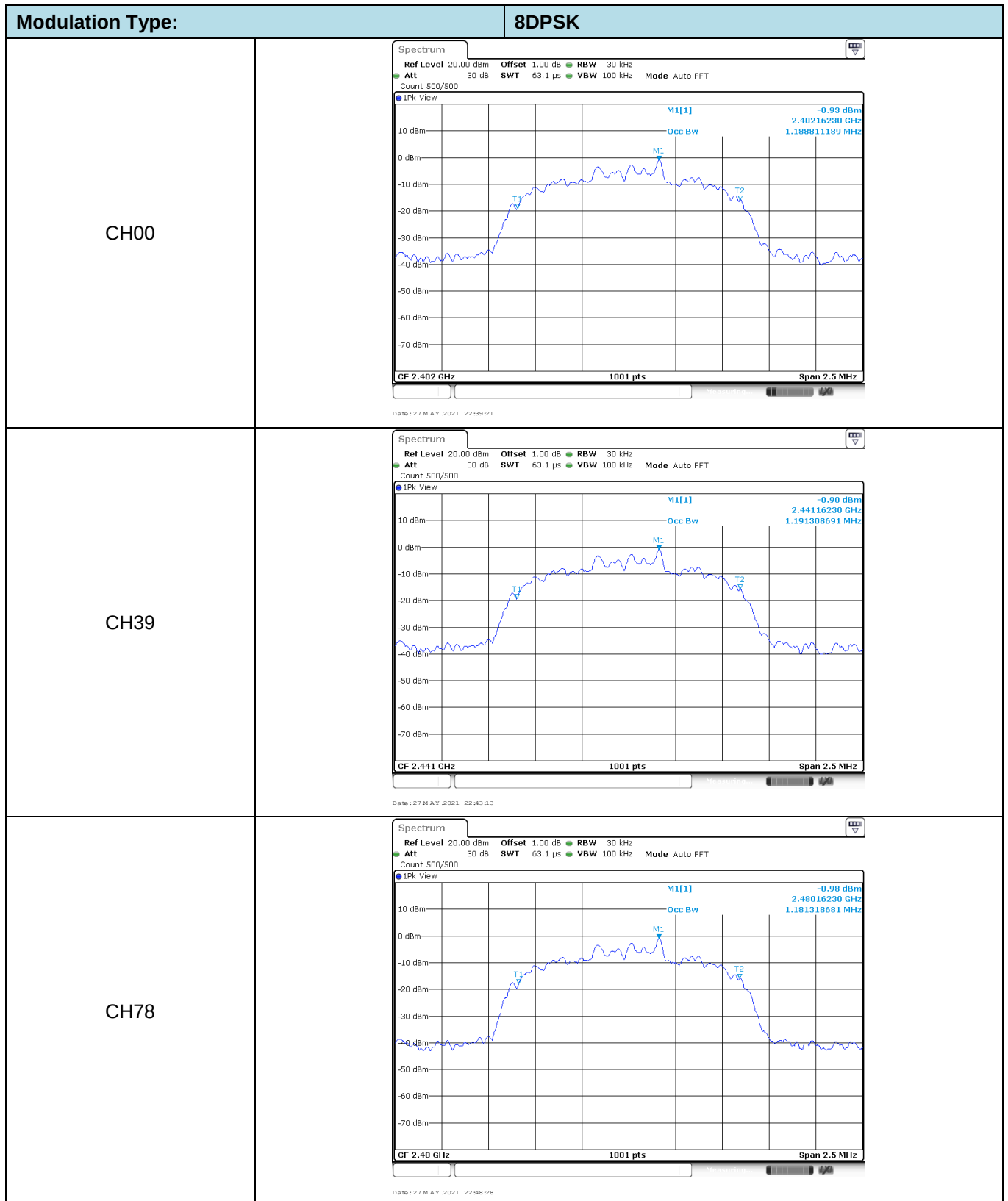
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Appendix C: 99% Occupied Bandwidth

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	1.18	-	Pass
	39	1.18		
	78	1.17		
8DPSK	00	1.19	-	Pass
	39	1.19		
	78	1.18		







Appendix D: Carrier Frequencies Separation

Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥925.00	Pass
π/4DQPSK	39	1.00	≥870.00	Pass
8DPSK	39	1.00	≥861.67	Pass

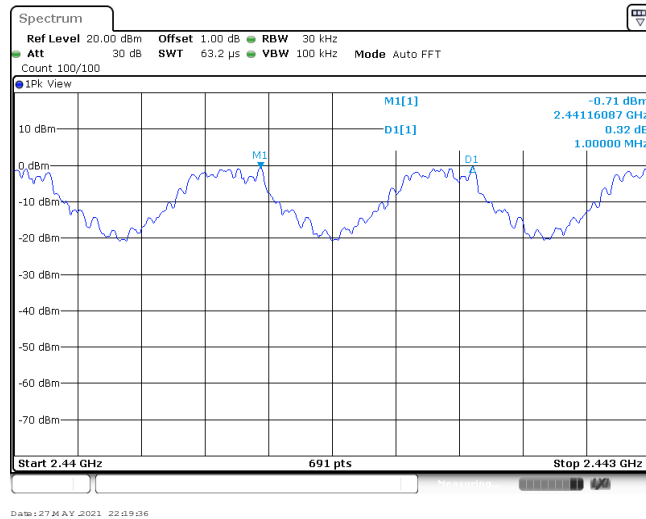
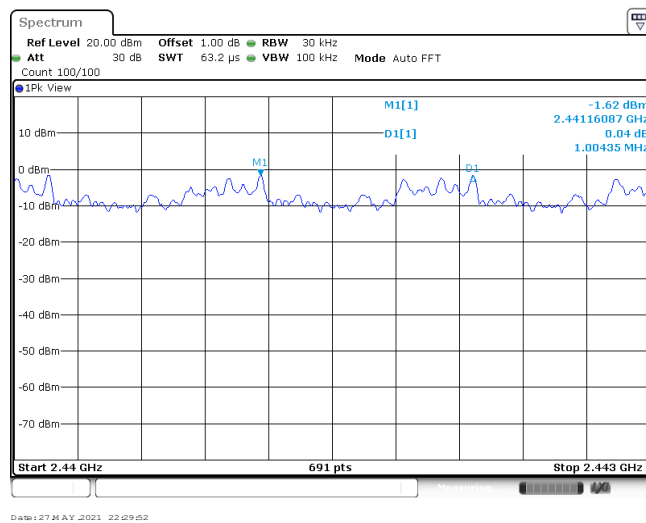
Note:

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

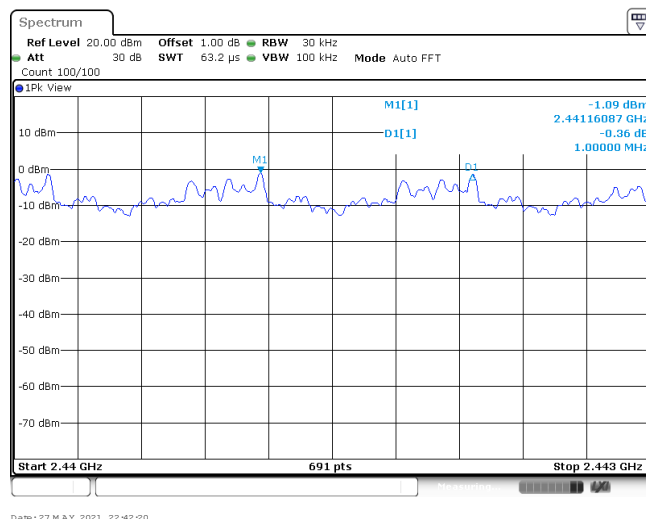
π/4DQPSK limit = 2/3 * The maximum 20 dB Bandwidth for π/4DQPSK modulation on the appendix B.

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

GFSK

 $\pi/4$ DQPSK

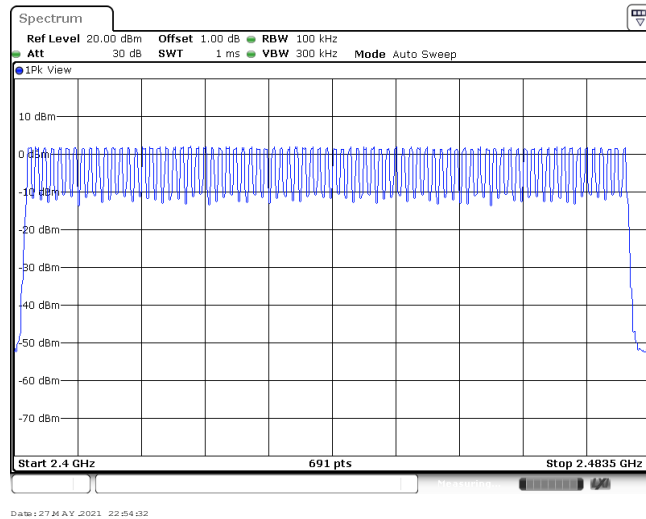
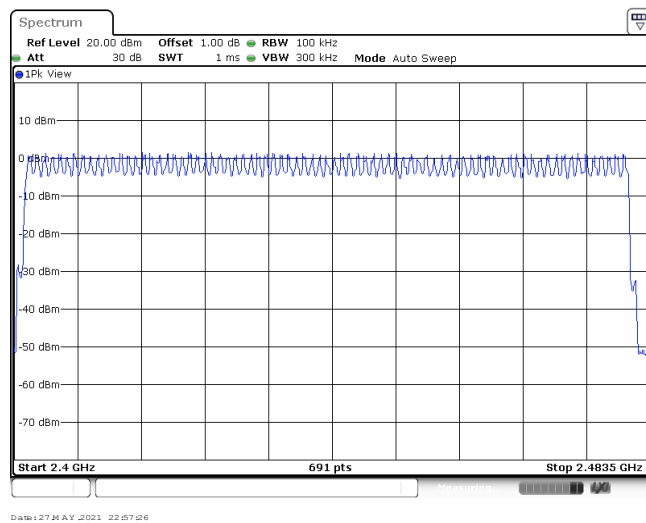
8DPSK



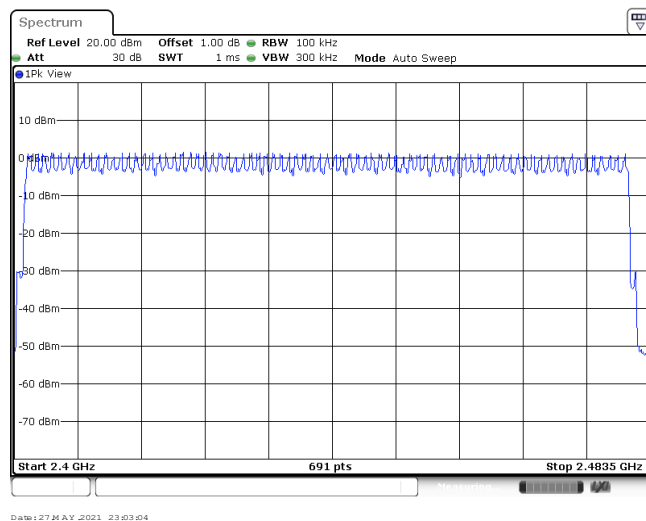
Appendix E: Hopping Channel Number

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

GFSK

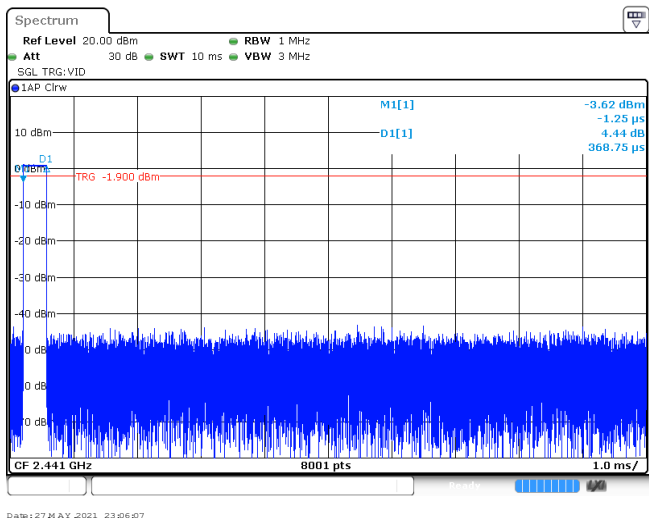
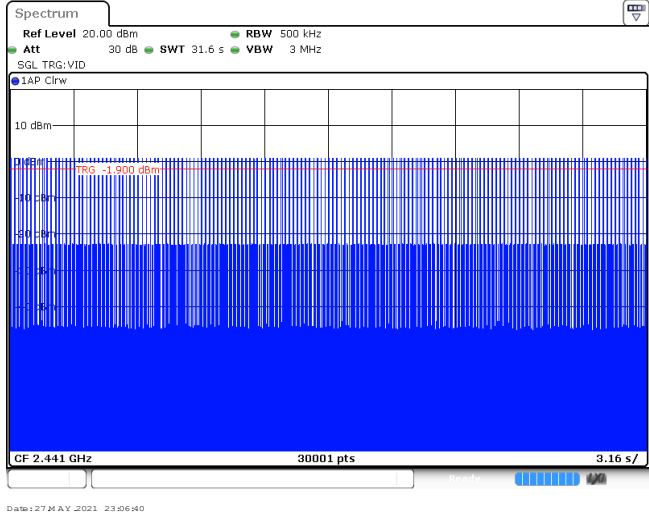
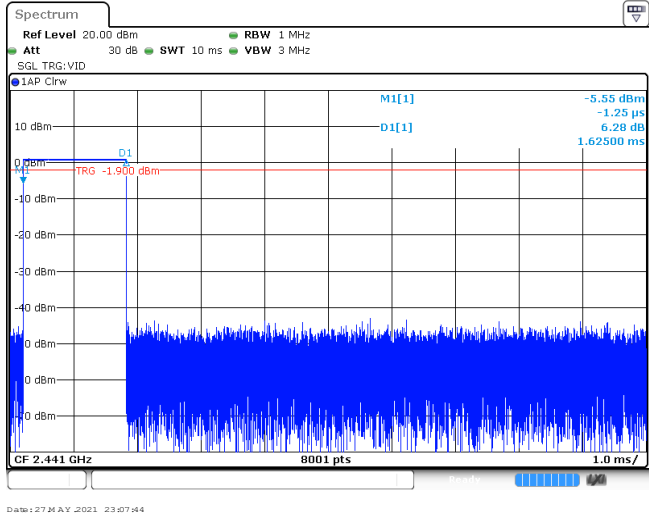
 $\pi/4$ DQPSK

8DPSK

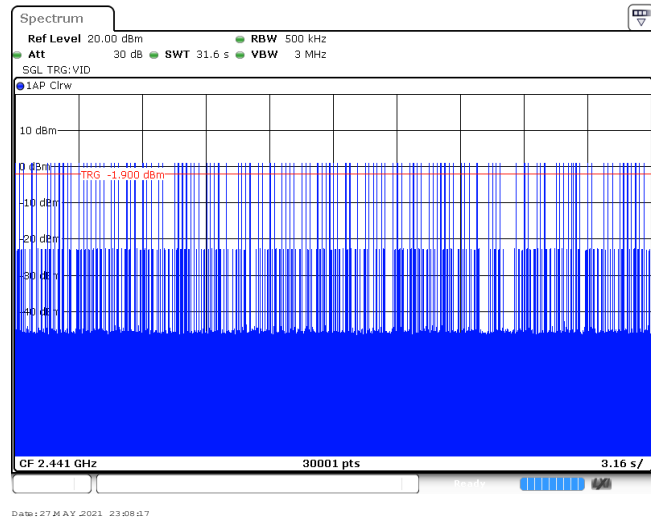


Appendix F: Dwell Time

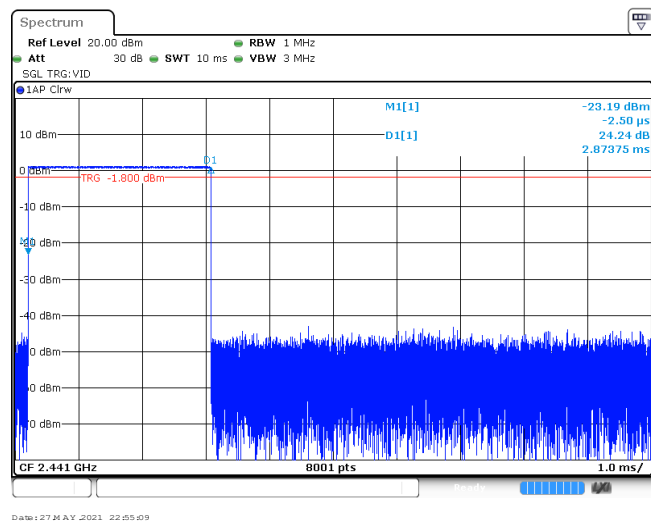
Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.37	313	0.12	≤ 0.40	Pass
	DH3	1.63	158	0.26		
	DH5	2.87	109	0.31		
$\pi/4$ DQPSK	2DH1	0.38	315	0.12	≤ 0.40	Pass
	2DH3	1.63	158	0.26		
	2DH5	2.88	100	0.29		
8DPSK	3DH1	0.38	315	0.12	≤ 0.40	Pass
	3DH3	1.63	159	0.26		
	3DH5	2.88	111	0.32		

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

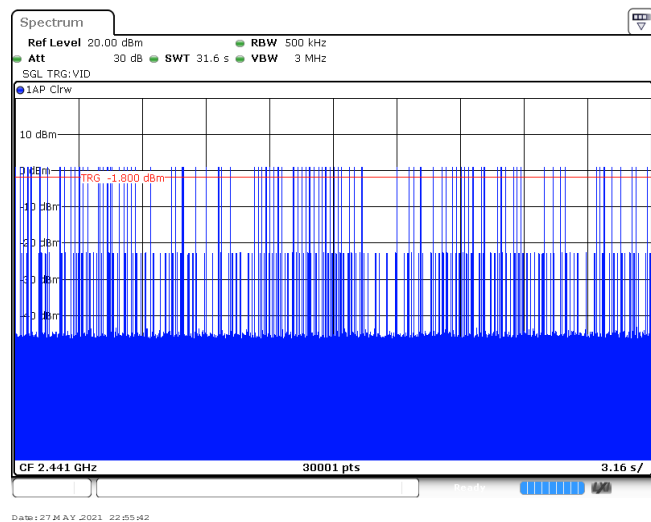
DH3
Burst number

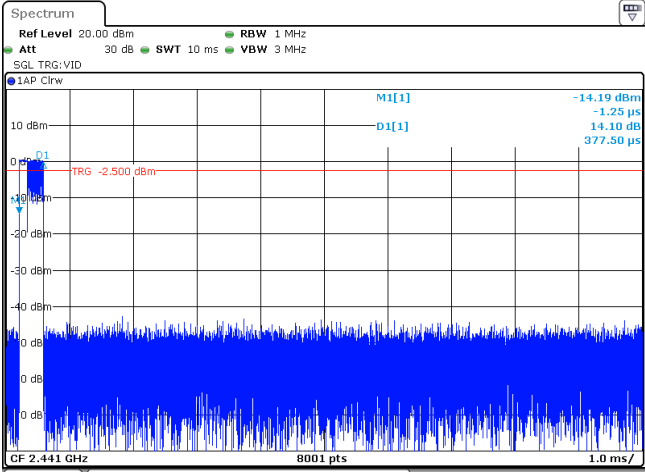
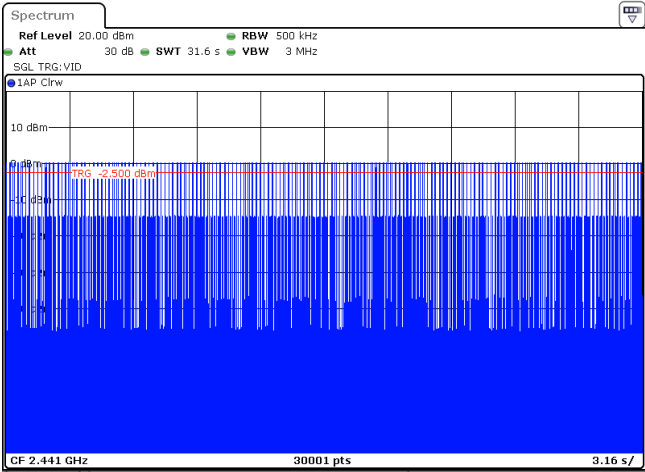
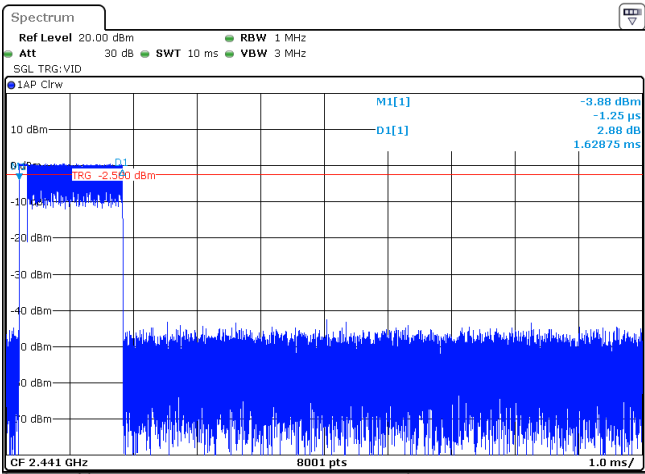


DH5
Burst width

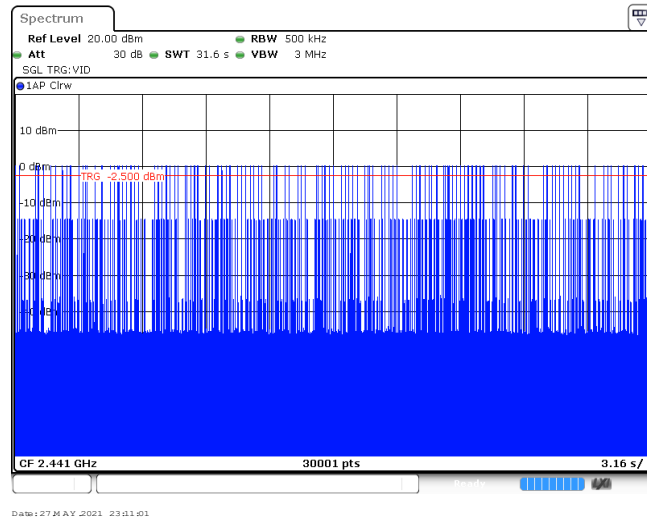


DH5
Burst number

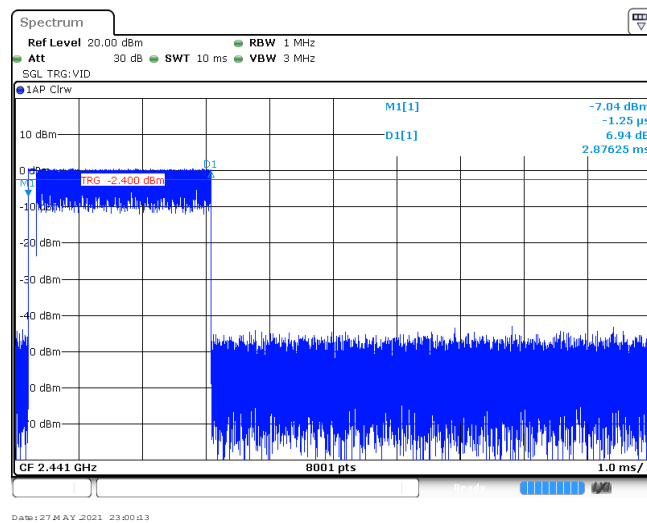


Modulation Type:	$\pi/4$ DQPSK
2DH1 Burst width	 Spectrum plot showing the frequency spectrum for 2DH1 Burst width. The plot displays a signal centered at 2.441 GHz. The y-axis represents power in dBm, ranging from -40 dBm to 10 dBm. The x-axis represents frequency in MHz, ranging from 2.435 GHz to 2.447 GHz. The plot shows a signal with a peak power of approximately -14.19 dBm and a bandwidth of approximately 1.25 MHz. The plot also shows a noise floor at approximately -14.10 dBm. The plot includes a red line indicating the TRG level at -2.500 dBm. The plot also shows the M1[1] and D1[1] signals. Ref Level 20.00 dBm Att 30 dB RBW 1 MHz SWT 10 ms VBW 3 MHz SGL TRG:VID 1AP Clrw M1[1] -14.19 dBm D1[1] -1.25 MHz -14.10 dB 377.50 MHz CF 2.441 GHz 8001 pts 1.0 ms/ Date: 27 MAY 2021 23:09:07
2DH1 Burst number	 Spectrum plot showing the frequency spectrum for 2DH1 Burst number. The plot displays a signal centered at 2.441 GHz. The y-axis represents power in dBm, ranging from -40 dBm to 10 dBm. The x-axis represents frequency in MHz, ranging from 2.435 GHz to 2.447 GHz. The plot shows a signal with a peak power of approximately -14.19 dBm and a bandwidth of approximately 1.25 MHz. The plot also shows a noise floor at approximately -14.10 dBm. The plot includes a red line indicating the TRG level at -2.500 dBm. The plot also shows the M1[1] and D1[1] signals. Ref Level 20.00 dBm Att 30 dB RBW 500 kHz SWT 31.6 s VBW 3 MHz SGL TRG:VID 1AP Clrw CF 2.441 GHz 30001 pts 3.16 s/ Date: 27 MAY 2021 23:09:40
2DH3 Burst width	 Spectrum plot showing the frequency spectrum for 2DH3 Burst width. The plot displays a signal centered at 2.441 GHz. The y-axis represents power in dBm, ranging from -40 dBm to 10 dBm. The x-axis represents frequency in MHz, ranging from 2.435 GHz to 2.447 GHz. The plot shows a signal with a peak power of approximately -3.88 dBm and a bandwidth of approximately 1.25 MHz. The plot also shows a noise floor at approximately -1.25 dBm. The plot includes a red line indicating the TRG level at -2.500 dBm. The plot also shows the M1[1] and D1[1] signals. Ref Level 20.00 dBm Att 30 dB RBW 1 MHz SWT 10 ms VBW 3 MHz SGL TRG:VID 1AP Clrw M1[1] -3.88 dBm D1[1] -1.25 MHz 2.88 dB 1.62875 MHz CF 2.441 GHz 8001 pts 1.0 ms/ Date: 27 MAY 2021 23:10:27

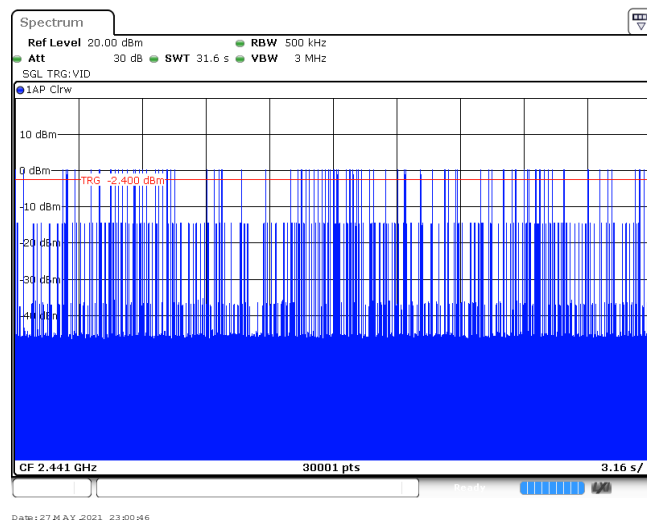
2DH3
Burst number

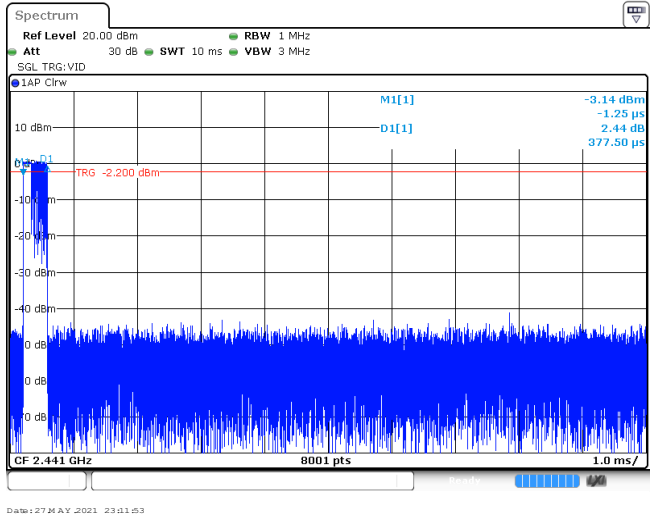
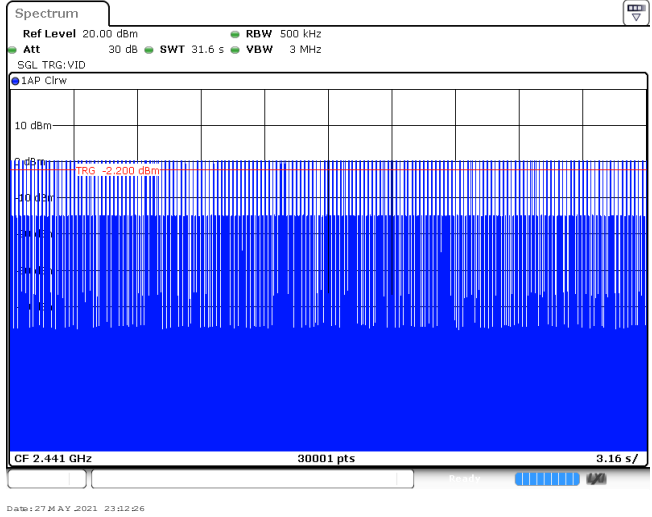
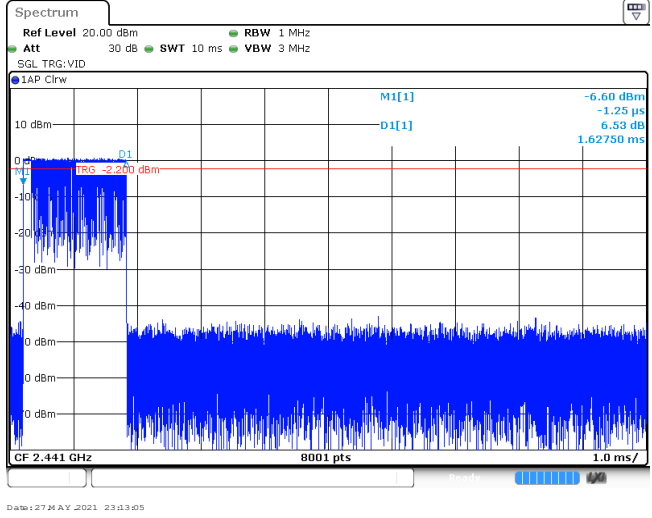


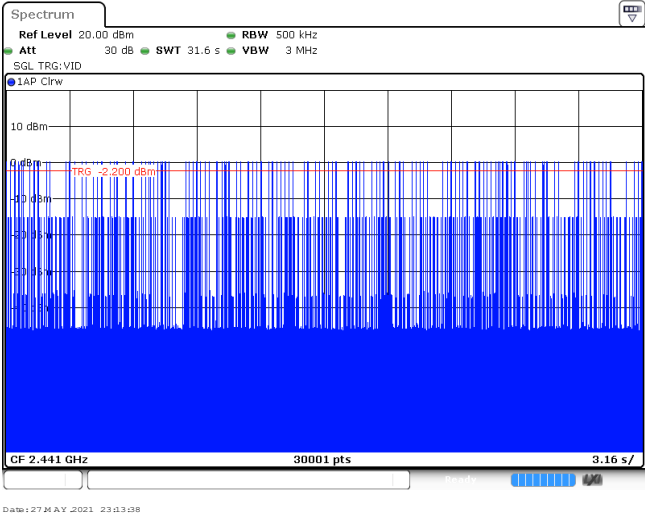
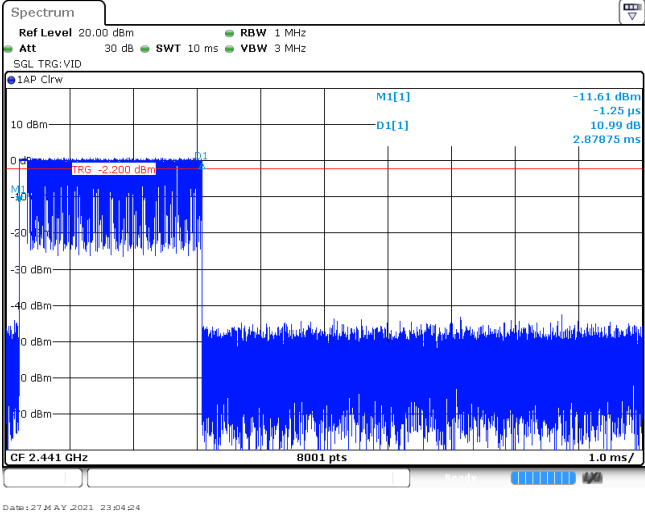
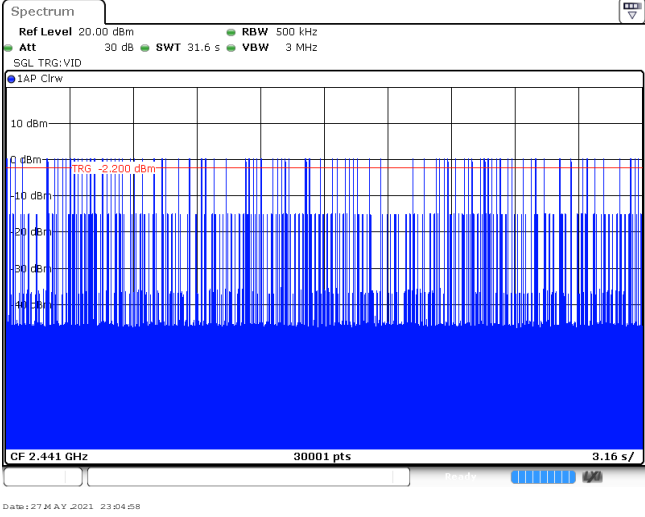
2DH5
Burst width



2DH5
Burst number



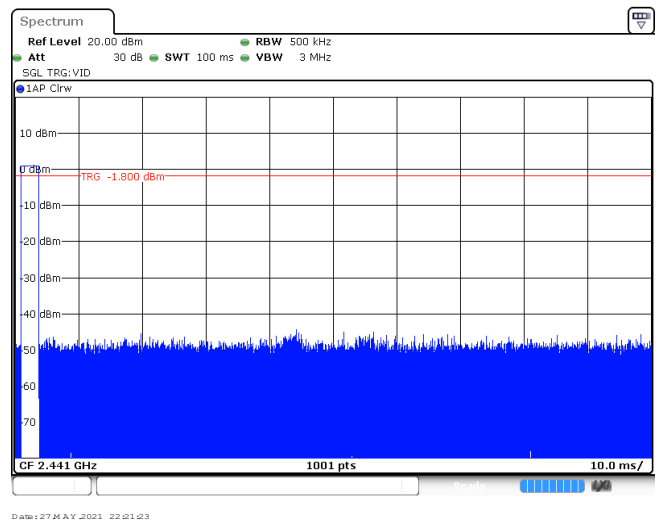
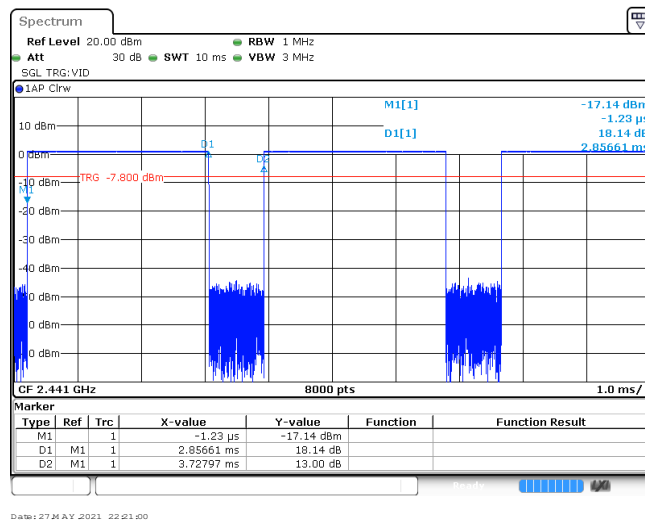
Modulation Type: 8DPSK	
3DH1 Burst width	
3DH1 Burst number	
3DH3 Burst width	

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

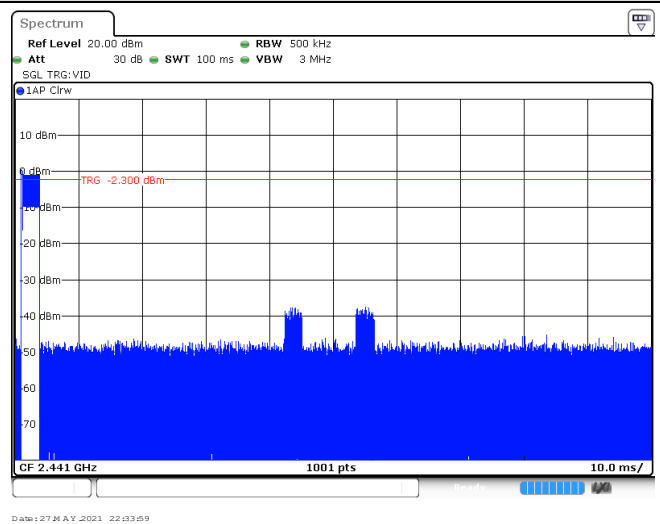
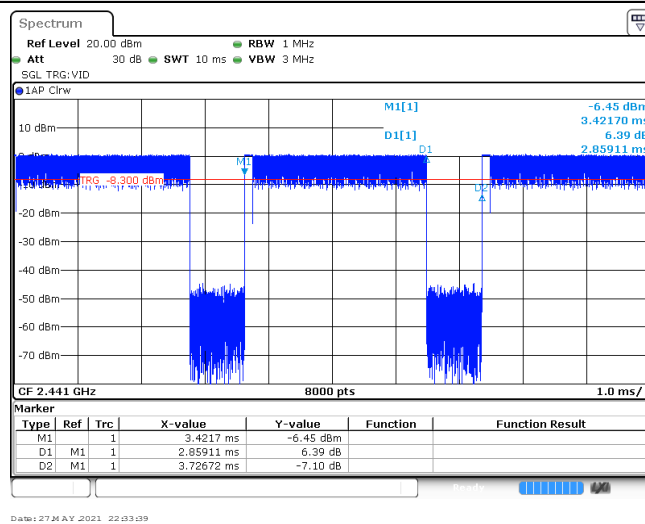
Appendix G: Duty Cycle Correction Factor (DCCF)

DCCF Calculate Formula					
$DCCF = 20 * \text{Log}(\text{duty cycle}) = 20 * \text{Log}(T_{\text{on time}} / T_{\text{period}})$					
Modulation type	Test Frequency (MHz)	$T_{\text{on time}}$ for single burst [ms]	T_{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.86	100	1	-30.87
$\pi/4$ DQPSK	2441	2.86	100	1	-30.87
8DPSK	2441	2.86	100	2	-24.85

GFSK

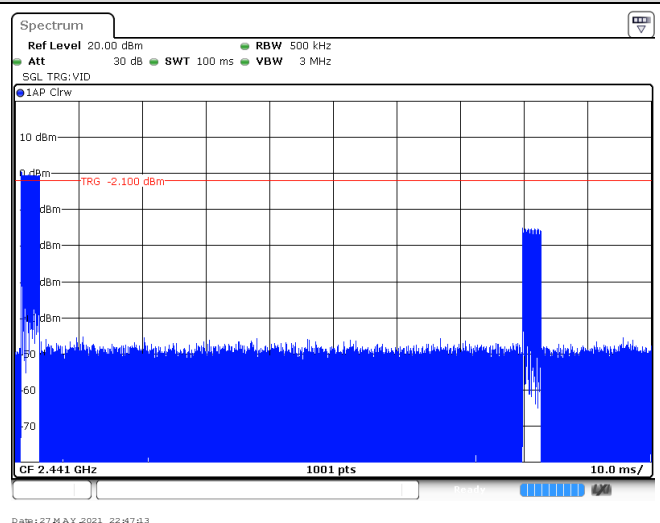
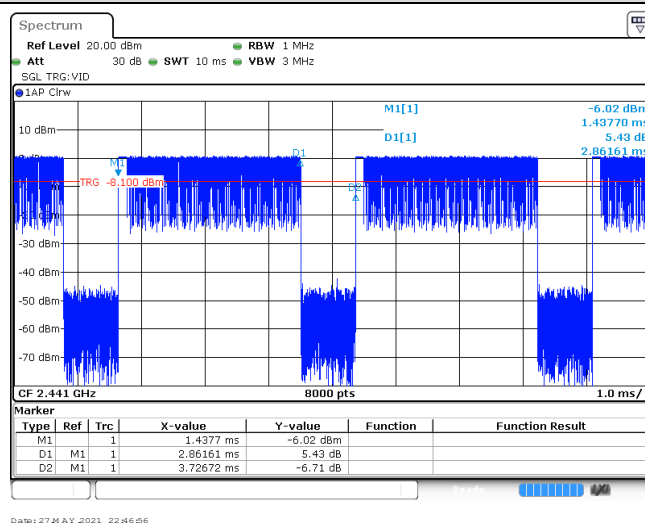
T_{on} time for single burst

Burst Quantity

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

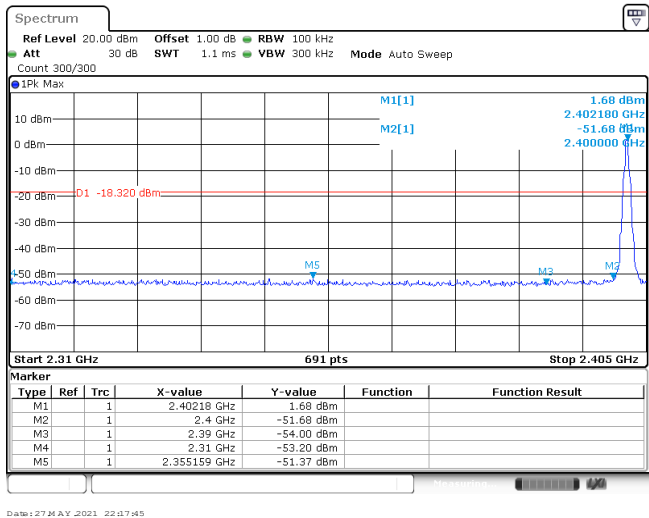
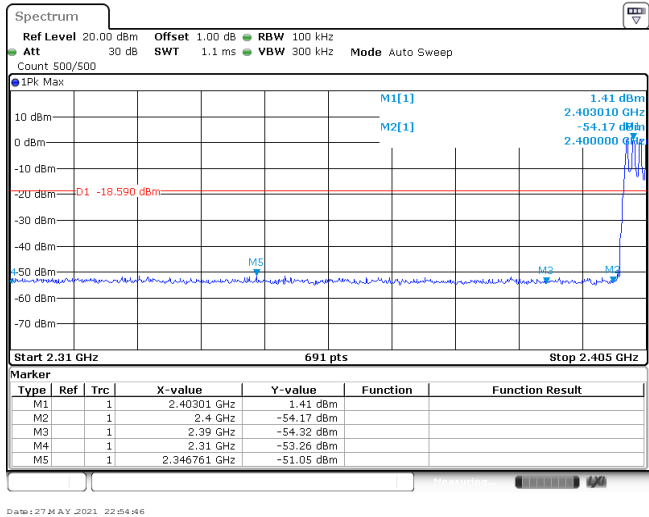
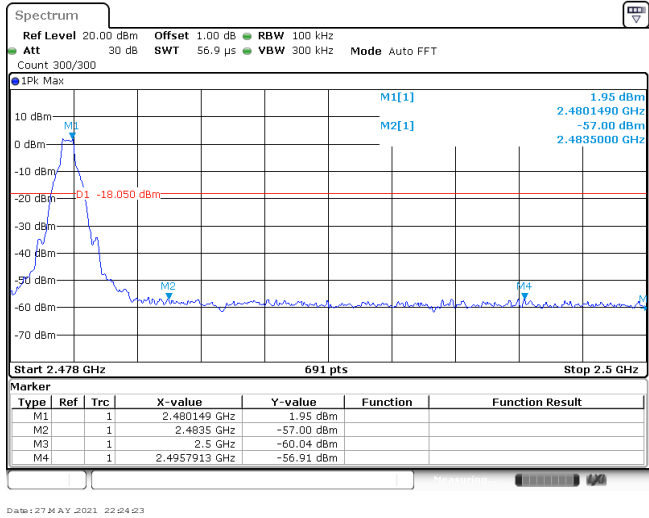
Burst Quantity

8DPSK

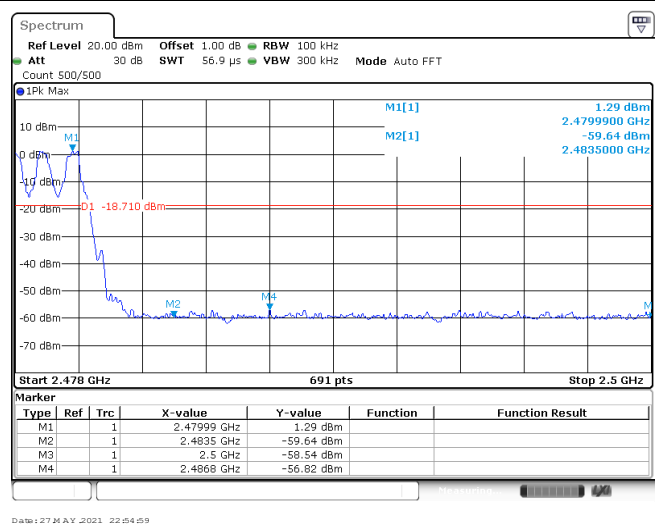
T_{on} time for single burst

Burst Quantity

Appendix H: Band edge and Spurious Emissions (conducted)

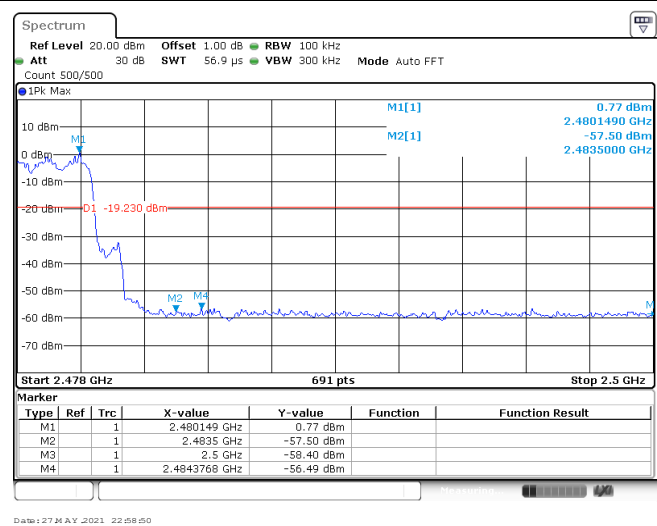
Test Item:	Band edge	Modulation type:	GFSK																																										
CH00 No hopping mode	 Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 300/300 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] 1.68 dBm 2.402180 GHz M2[1] -51.68 dBm 2.400000 GHz D1 -19.320 dBm Start 2.31 GHz 691 pts Stop 2.405 GHz Marker <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.40218 GHz</td><td>1.68 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-51.68 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-54.00 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-53.20 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.35519 GHz</td><td>-51.37 dBm</td><td></td><td></td></tr></table> Date: 27 MAY 2021 22:17:45	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40218 GHz	1.68 dBm			M2	1		2.4 GHz	-51.68 dBm			M3	1		2.39 GHz	-54.00 dBm			M4	1		2.31 GHz	-53.20 dBm			M5	1		2.35519 GHz	-51.37 dBm				
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40218 GHz	1.68 dBm																																									
M2	1		2.4 GHz	-51.68 dBm																																									
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M4	1		2.31 GHz	-53.20 dBm																																									
M5	1		2.35519 GHz	-51.37 dBm																																									
CH00 Hopping mode	 Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 500/500 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] 1.41 dBm 2.403010 GHz M2[1] -54.17 dBm 2.400000 GHz D1 -18.590 dBm Start 2.31 GHz 691 pts Stop 2.405 GHz Marker <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>2.40301 GHz</td><td>1.41 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-54.17 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-54.32 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-53.26 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.34676 GHz</td><td>-51.05 dBm</td><td></td><td></td></tr></table> Date: 27 MAY 2021 22:54:46	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40301 GHz	1.41 dBm			M2	1		2.4 GHz	-54.17 dBm			M3	1		2.39 GHz	-54.32 dBm			M4	1		2.31 GHz	-53.26 dBm			M5	1		2.34676 GHz	-51.05 dBm				
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40301 GHz	1.41 dBm																																									
M2	1		2.4 GHz	-54.17 dBm																																									
M3	1		2.39 GHz	-54.32 dBm																																									
M4	1		2.31 GHz	-53.26 dBm																																									
M5	1		2.34676 GHz	-51.05 dBm																																									
CH78 No hopping mode	 Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 56.9 μs VBW 300 kHz Mode Auto FFT Count 300/300 IPk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] 1.95 dBm 2.480149 GHz M2[1] -57.00 dBm 2.4835000 GHz D1 -18.050 dBm Start 2.478 GHz 691 pts Stop 2.5 GHz Marker <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>2.480149 GHz</td><td>1.95 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-57.00 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-60.04 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4957913 GHz</td><td>-56.91 dBm</td><td></td><td></td></tr></table> Date: 27 MAY 2021 22:24:23	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.480149 GHz	1.95 dBm			M2	1		2.4835 GHz	-57.00 dBm			M3	1		2.5 GHz	-60.04 dBm			M4	1		2.4957913 GHz	-56.91 dBm											
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.480149 GHz	1.95 dBm																																									
M2	1		2.4835 GHz	-57.00 dBm																																									
M3	1		2.5 GHz	-60.04 dBm																																									
M4	1		2.4957913 GHz	-56.91 dBm																																									

CH78
Hopping mode



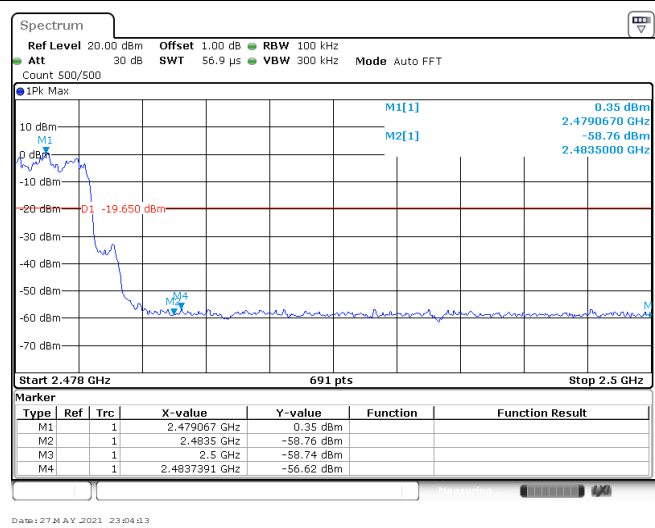
Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
CH00 No hopping mode	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] D1 -19.020 dBm M3 M4 M5 0.98 dBm 2.402180 GHz -49.14 dBm 2.400000 GHz Start 2.31 GHz 691 pts Stop 2.405 GHz Marker <table><thead><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.40218 GHz</td><td>0.98 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-49.14 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-53.92 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-54.08 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399906 GHz</td><td>-50.67 dBm</td><td></td><td></td></tr></tbody></table> Date: 27 MAY 2021 22:27:10			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40218 GHz	0.98 dBm			M2	1		2.4 GHz	-49.14 dBm			M3	1		2.39 GHz	-53.92 dBm			M4	1		2.31 GHz	-54.08 dBm			M5	1		2.399906 GHz	-50.67 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40218 GHz	0.98 dBm																																									
M2	1		2.4 GHz	-49.14 dBm																																									
M3	1		2.39 GHz	-53.92 dBm																																									
M4	1		2.31 GHz	-54.08 dBm																																									
M5	1		2.399906 GHz	-50.67 dBm																																									
CH00 Hopping mode	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] D1 -19.190 dBm M3 M4 M5 0.81 dBm 2.402870 GHz -52.05 dBm 2.400000 GHz Start 2.31 GHz 691 pts Stop 2.405 GHz Marker <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>2.40287 GHz</td><td>0.81 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-52.05 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-53.70 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-52.66 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.341254 GHz</td><td>-51.15 dBm</td><td></td><td></td></tr></tbody></table> Date: 27 MAY 2021 22:58:02			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40287 GHz	0.81 dBm			M2	1		2.4 GHz	-52.05 dBm			M3	1		2.39 GHz	-53.70 dBm			M4	1		2.31 GHz	-52.66 dBm			M5	1		2.341254 GHz	-51.15 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40287 GHz	0.81 dBm																																									
M2	1		2.4 GHz	-52.05 dBm																																									
M3	1		2.39 GHz	-53.70 dBm																																									
M4	1		2.31 GHz	-52.66 dBm																																									
M5	1		2.341254 GHz	-51.15 dBm																																									
CH78 No hopping mode	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 56.9 μs VBW 300 kHz Mode Auto FFT Count 500/500 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 M2 D1 -18.930 dBm M3 M4 1.07 dBm 2.480149 GHz -58.55 dBm 2.4835000 GHz Start 2.478 GHz 691 pts Stop 2.5 GHz Marker <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>2.480149 GHz</td><td>1.07 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-58.55 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-59.23 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4844725 GHz</td><td>-55.74 dBm</td><td></td><td></td></tr></tbody></table> Date: 27 MAY 2021 22:35:48			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.480149 GHz	1.07 dBm			M2	1		2.4835 GHz	-58.55 dBm			M3	1		2.5 GHz	-59.23 dBm			M4	1		2.4844725 GHz	-55.74 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
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M2	1		2.4835 GHz	-58.55 dBm																																									
M3	1		2.5 GHz	-59.23 dBm																																									
M4	1		2.4844725 GHz	-55.74 dBm																																									

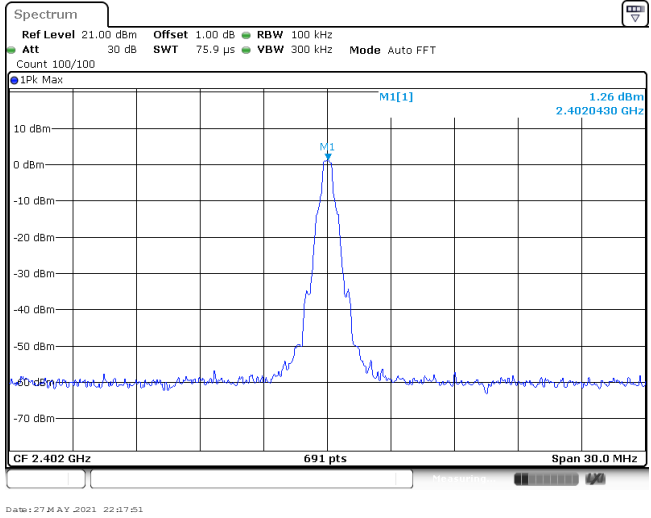
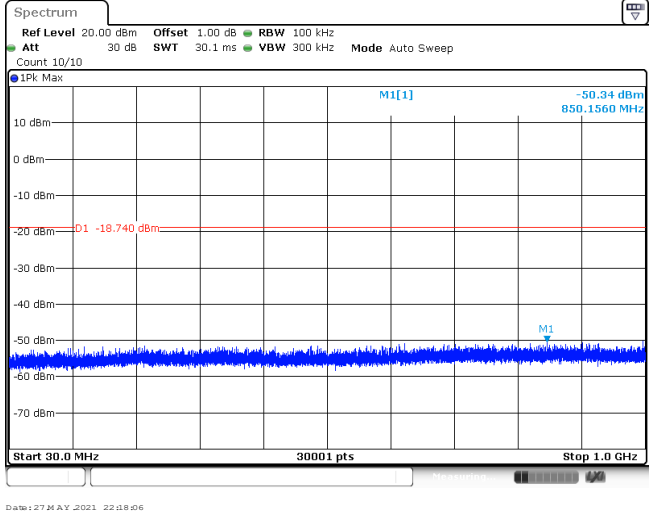
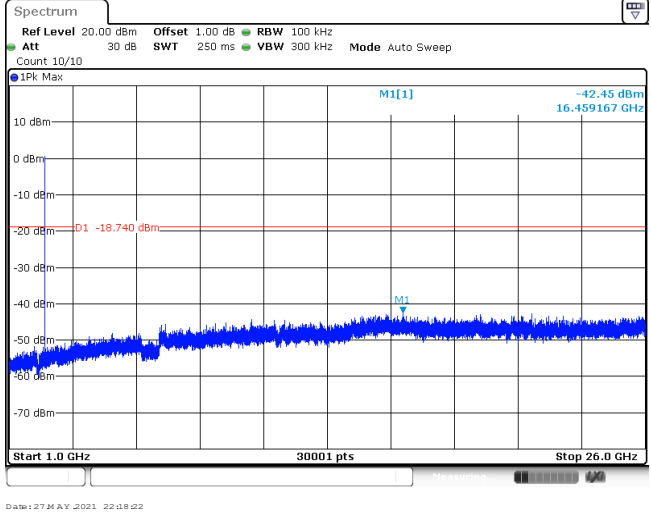
CH78
Hopping mode



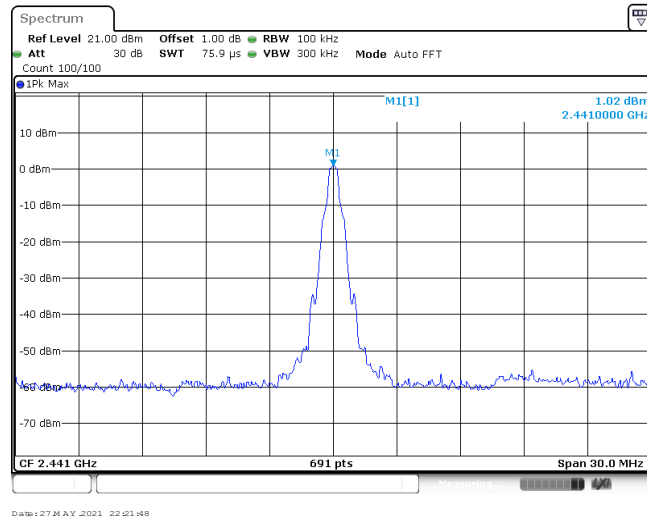
Test Item:	Band edge	Modulation type:	8DPSK																																										
CH00 No hopping mode	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] D1 -18.940 dBm M3 M4 Start 2.31 GHz 691 pts Stop 2.405 GHz Marker <table><thead><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.40218 GHz</td><td>1.06 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-49.63 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-53.74 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-53.51 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399768 GHz</td><td>-50.94 dBm</td><td></td><td></td></tr></tbody></table> Date: 27 MAY 2021 22:39:43			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40218 GHz	1.06 dBm			M2	1		2.4 GHz	-49.63 dBm			M3	1		2.39 GHz	-53.74 dBm			M4	1		2.31 GHz	-53.51 dBm			M5	1		2.399768 GHz	-50.94 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40218 GHz	1.06 dBm																																									
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CH00 Hopping mode	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] D1 -19.710 dBm M3 M4 M5 Start 2.31 GHz 691 pts Stop 2.405 GHz Marker <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>2.40411 GHz</td><td>0.29 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-49.77 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-54.05 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-53.14 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.371268 GHz</td><td>-50.99 dBm</td><td></td><td></td></tr></tbody></table> Date: 27 MAY 2021 23:03:22			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40411 GHz	0.29 dBm			M2	1		2.4 GHz	-49.77 dBm			M3	1		2.39 GHz	-54.05 dBm			M4	1		2.31 GHz	-53.14 dBm			M5	1		2.371268 GHz	-50.99 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40411 GHz	0.29 dBm																																									
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M3	1		2.39 GHz	-54.05 dBm																																									
M4	1		2.31 GHz	-53.14 dBm																																									
M5	1		2.371268 GHz	-50.99 dBm																																									
CH78 No hopping mode	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 56.9 μs VBW 300 kHz Mode Auto FFT Count 500/500 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 M1[1] M2[1] D1 -18.850 dBm M3 M4 Start 2.478 GHz 691 pts Stop 2.5 GHz Marker <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>2.479831 GHz</td><td>1.15 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-56.20 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-59.56 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4940377 GHz</td><td>-55.92 dBm</td><td></td><td></td></tr></tbody></table> Date: 27 MAY 2021 22:49:09			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.479831 GHz	1.15 dBm			M2	1		2.4835 GHz	-56.20 dBm			M3	1		2.5 GHz	-59.56 dBm			M4	1		2.4940377 GHz	-55.92 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
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M2	1		2.4835 GHz	-56.20 dBm																																									
M3	1		2.5 GHz	-59.56 dBm																																									
M4	1		2.4940377 GHz	-55.92 dBm																																									

CH78
Hoppig mode

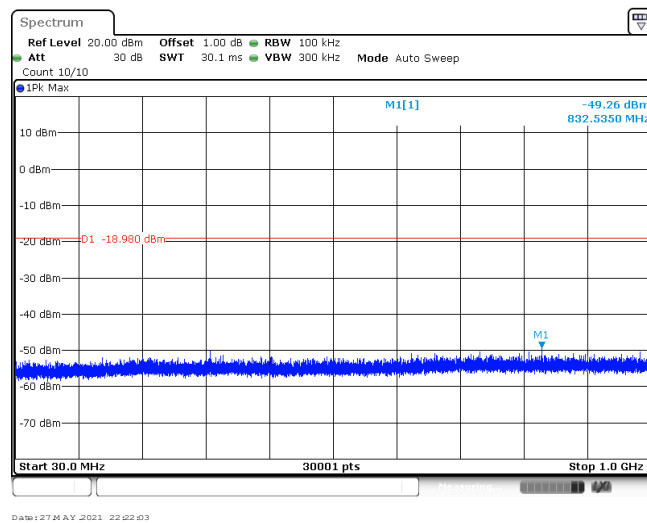


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CH00 1GHz~26GHz			

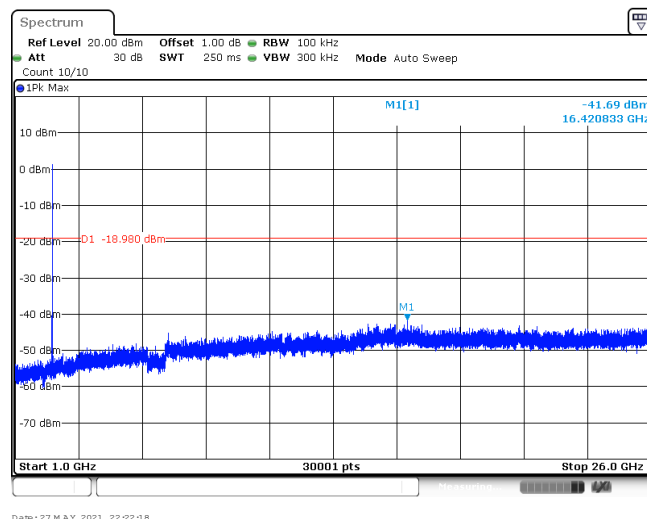
CH39
Reference level



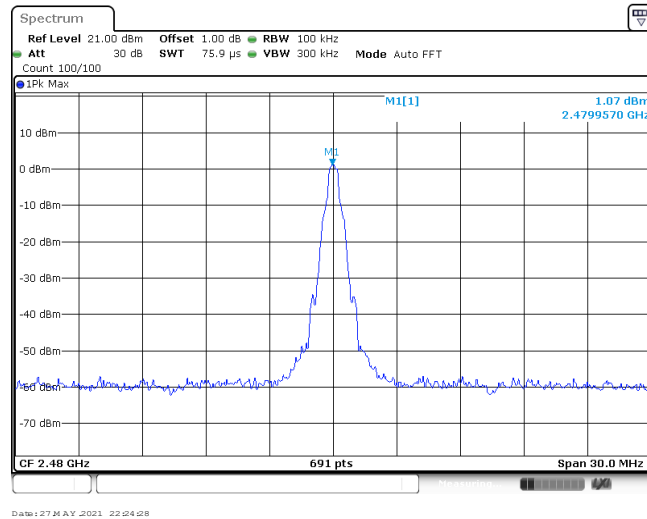
CH39
30MHz~1000MHz



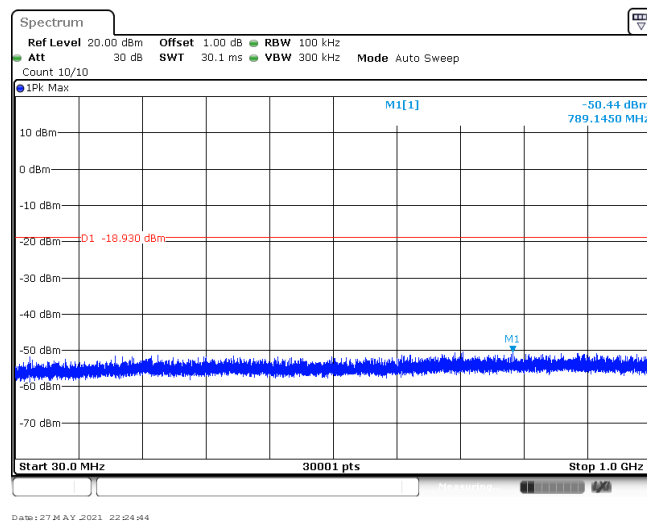
CH39
1GHz~26GHz



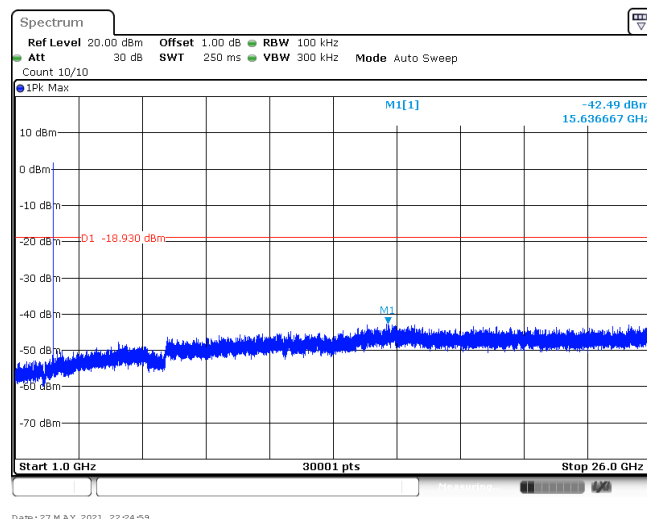
CH78
Reference level

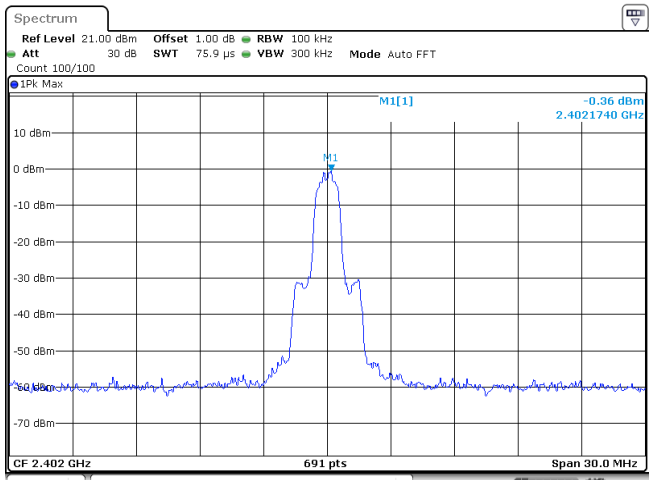
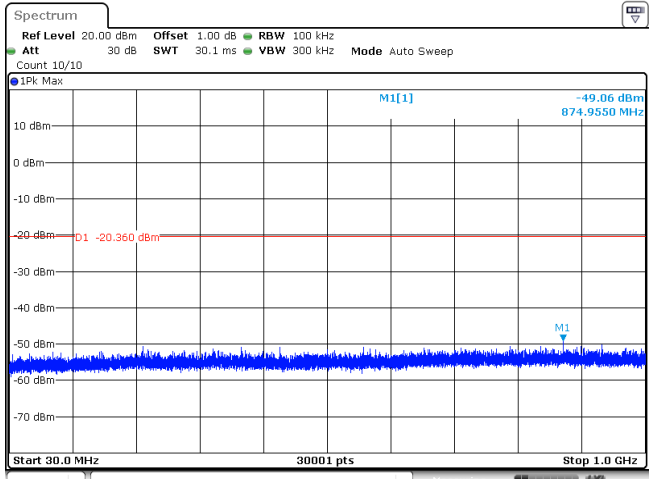
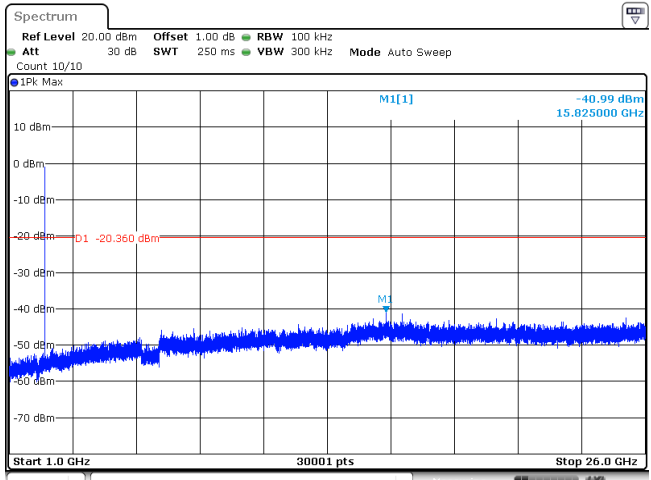


CH78
30MHz~1000MHz

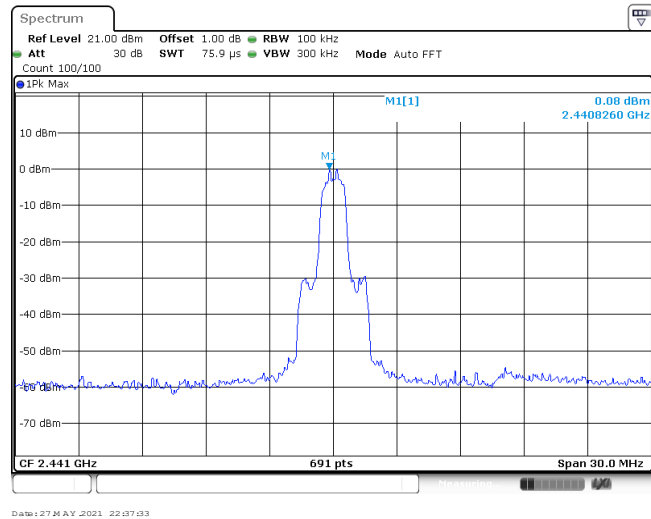


CH78
1GHz~26GHz

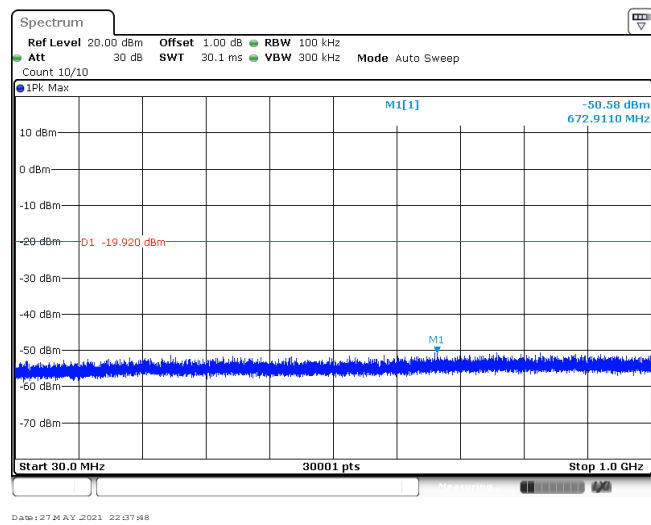


Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
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CH00 1GHz~26GHz			

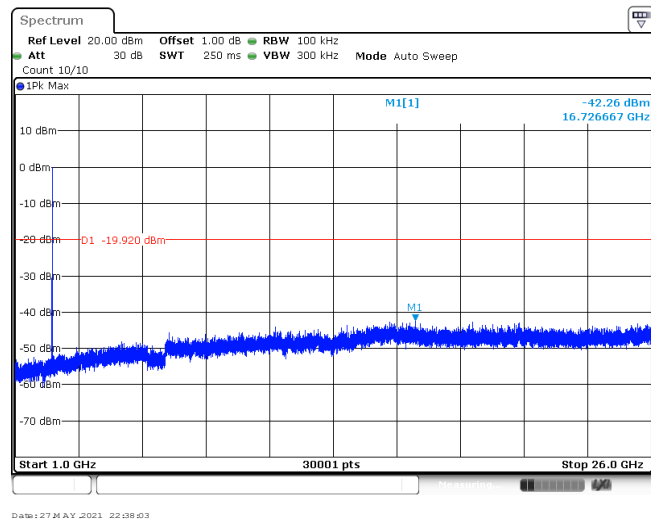
CH39
Reference level



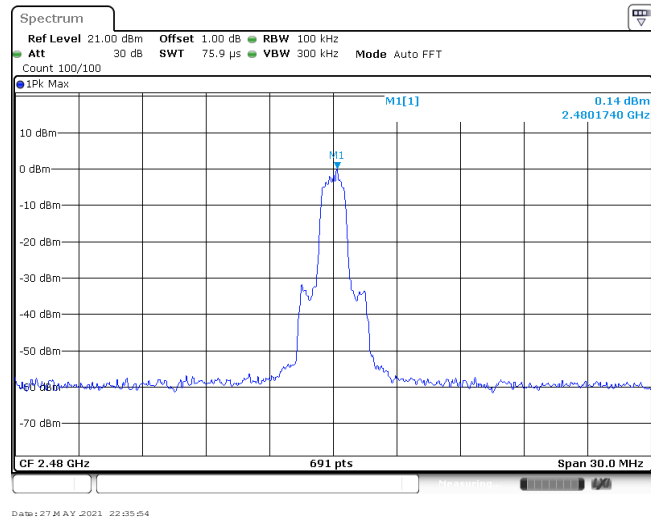
CH39
30MHz~1000MHz



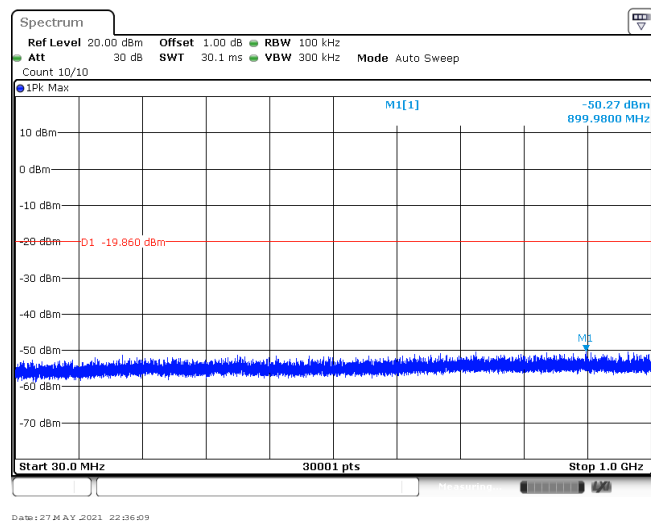
CH39
1GHz~26GHz



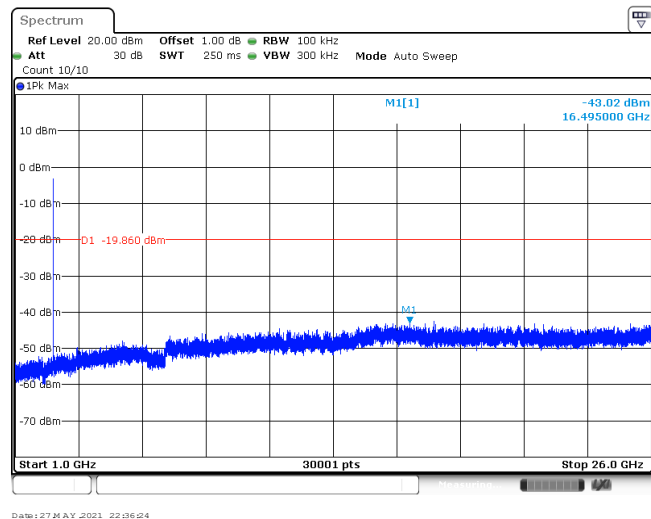
CH78
Reference level

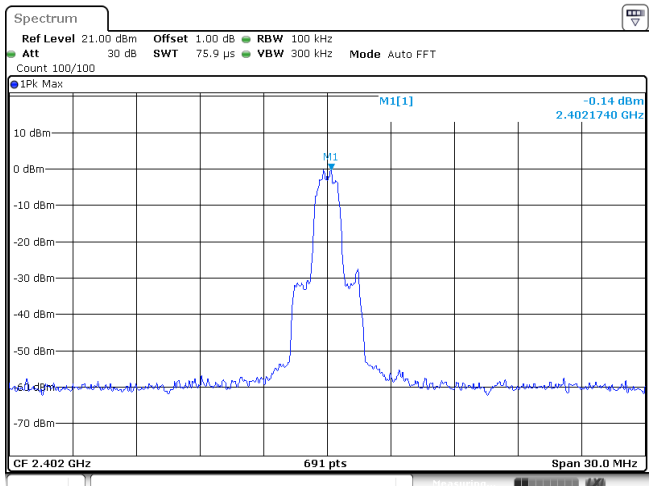
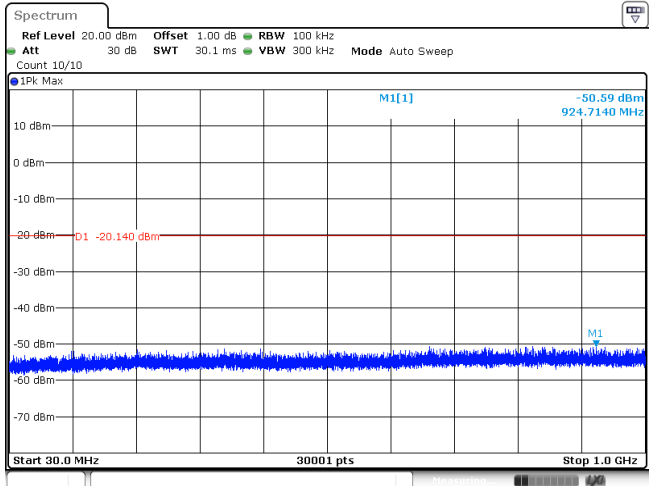
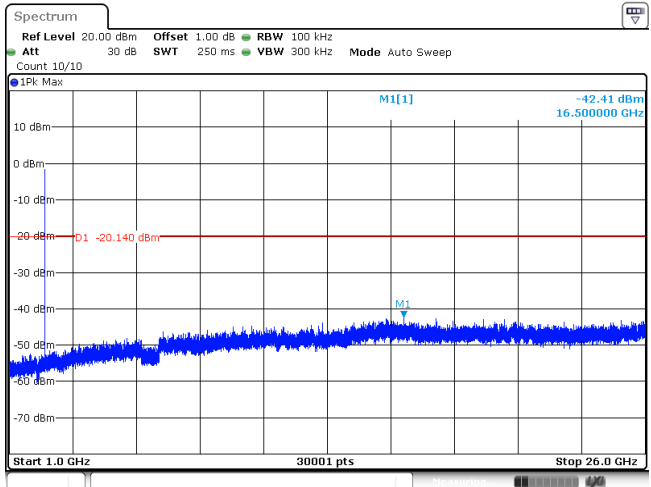


CH78
30MHz~1000MHz

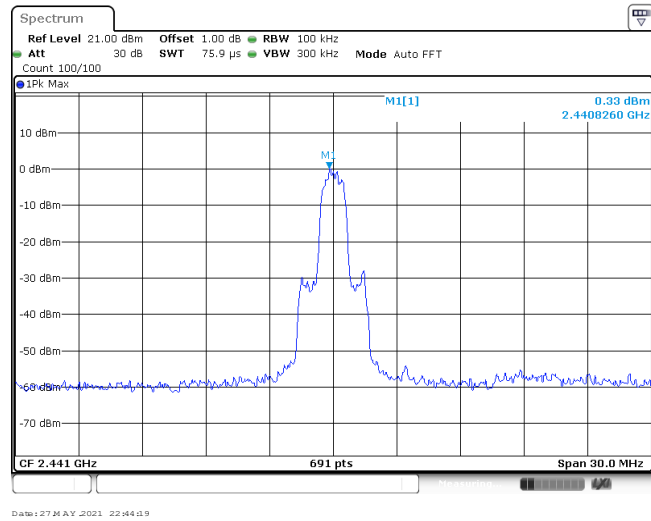


CH78
1GHz~26GHz

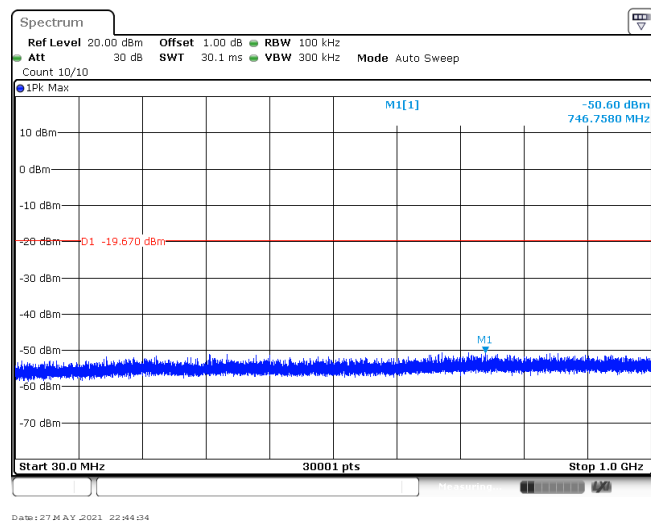


Test Item:	Spurious Emission	Modulation type:	8DPSK
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CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

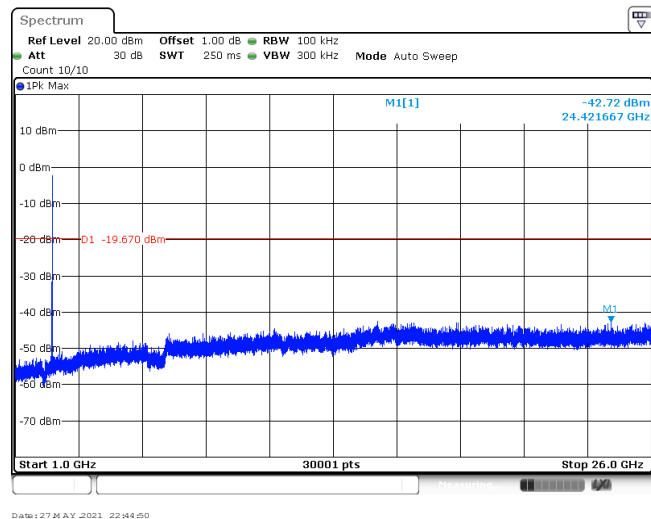
CH39
Reference level



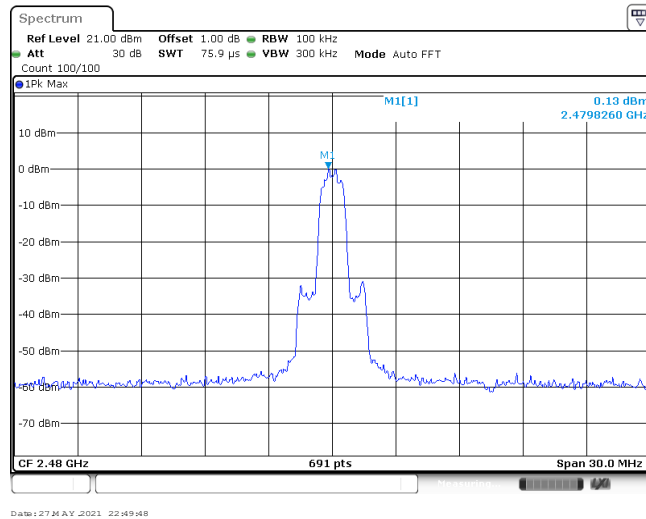
CH39
30MHz~1000MHz



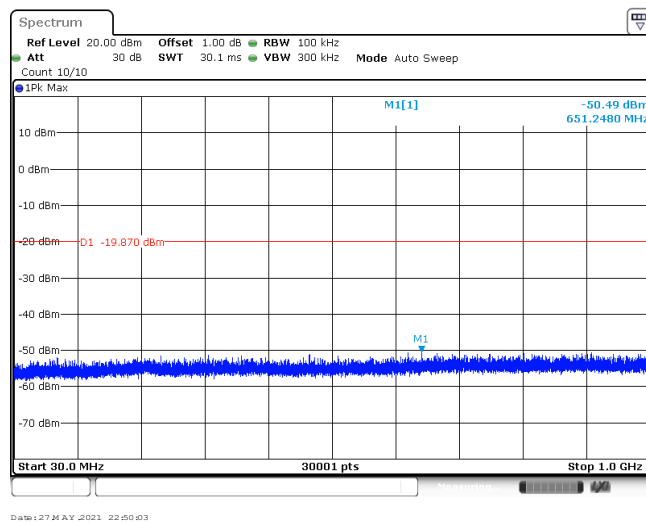
CH39
1GHz~26GHz



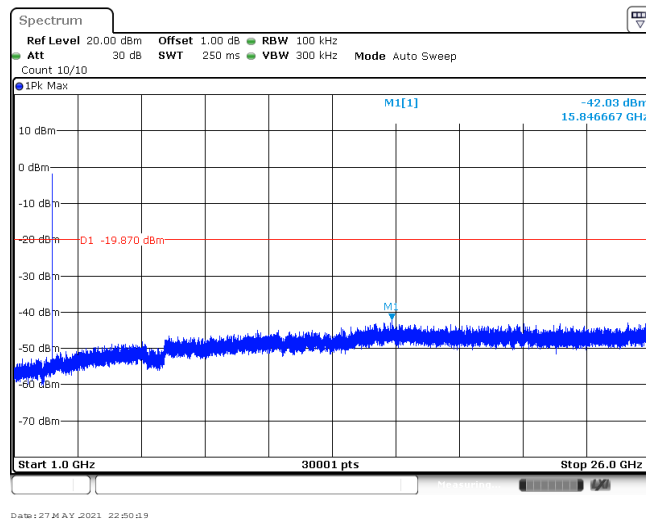
CH78
Reference level



CH78
30MHz~1000MHz



CH78
1GHz~26GHz



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