

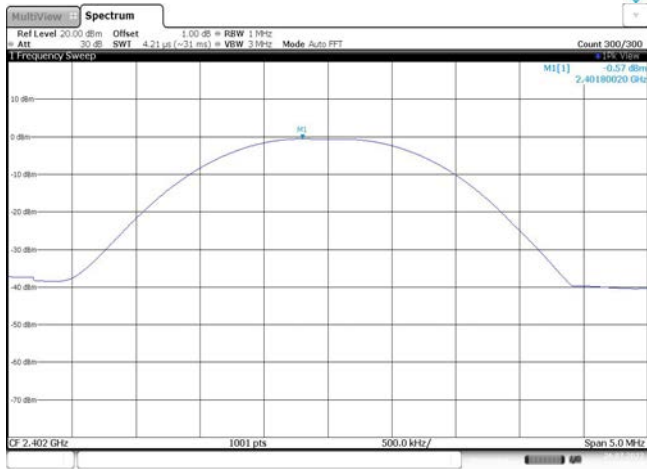
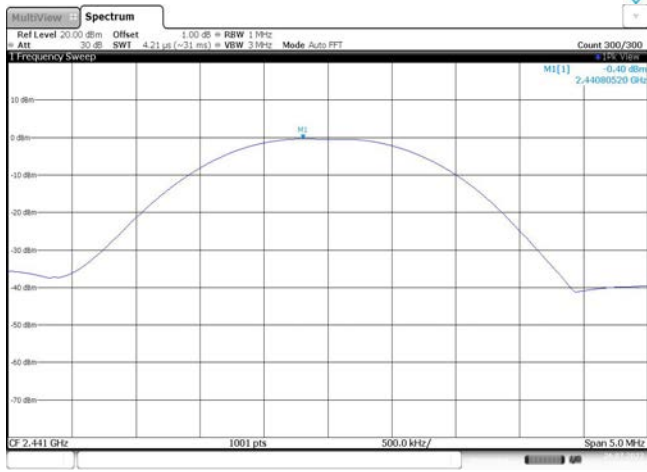
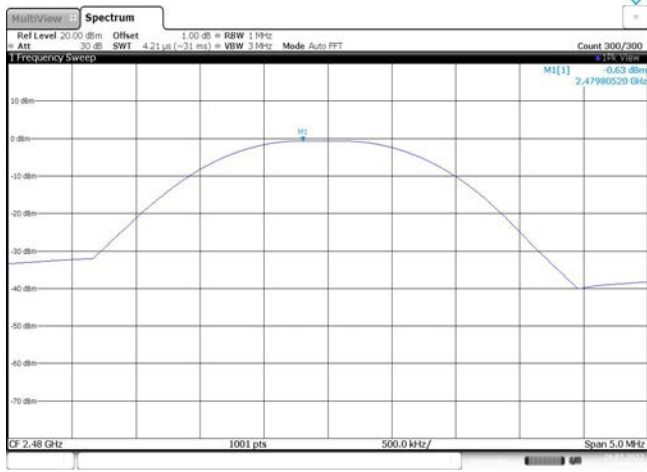
APPENDIX REPORT

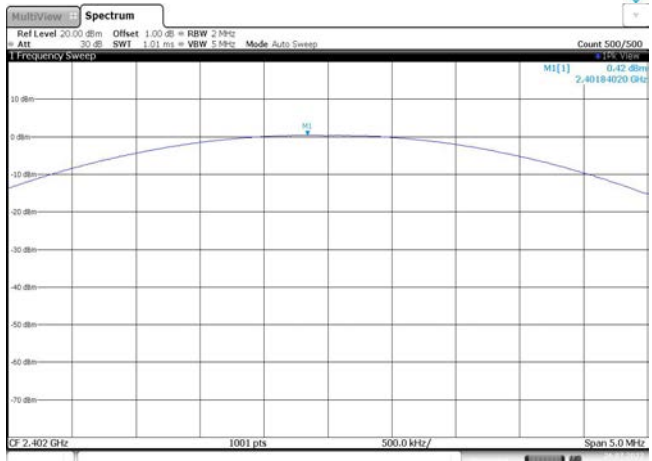
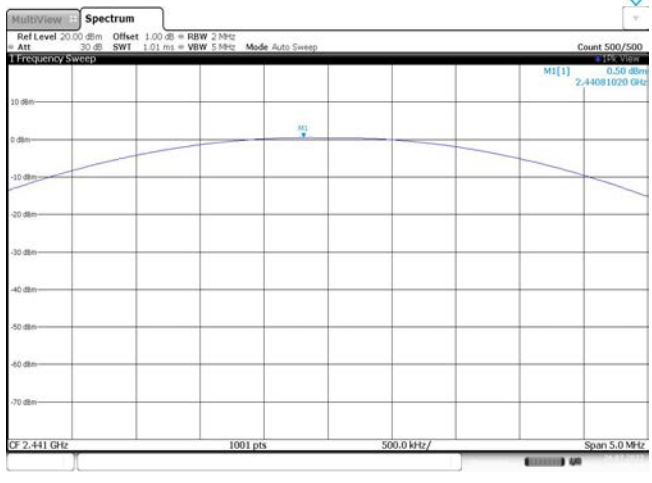
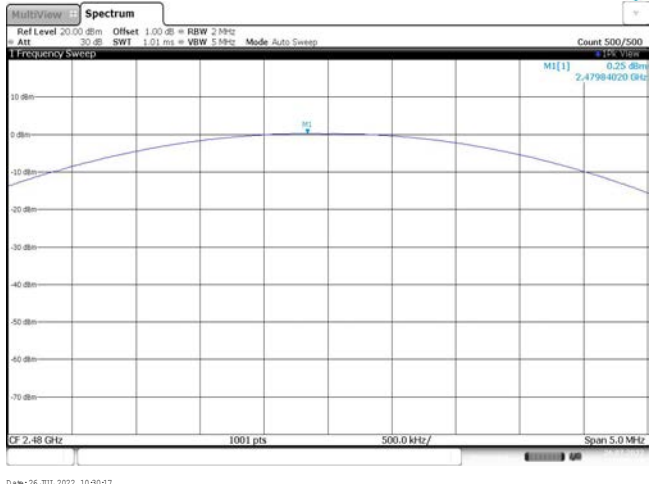
Project No.	SHT2207065102EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT22070651006	Model No.	P280
Start test date	2022-07-26	Finish date	2022-07-26
Temperature	25.4℃	Humidity	36%
Test Engineer	Xiaoxiao Li	Auditor	Xiaodong Zhu

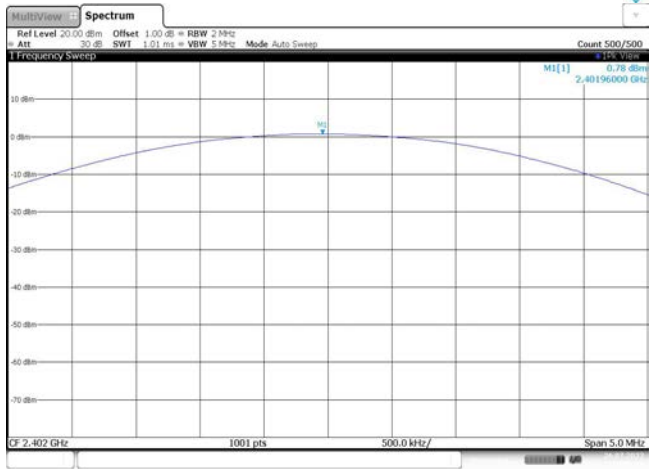
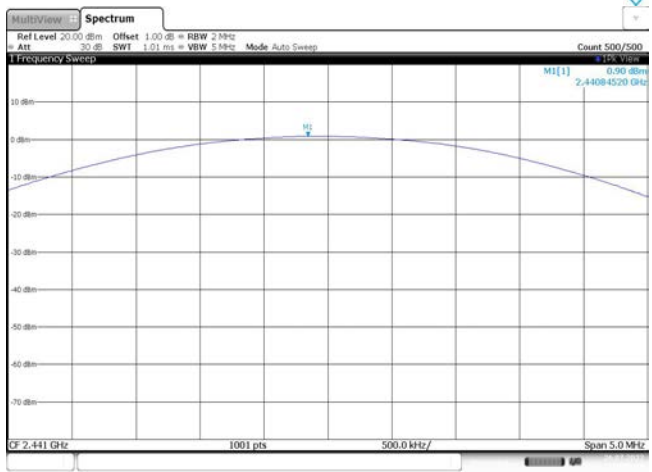
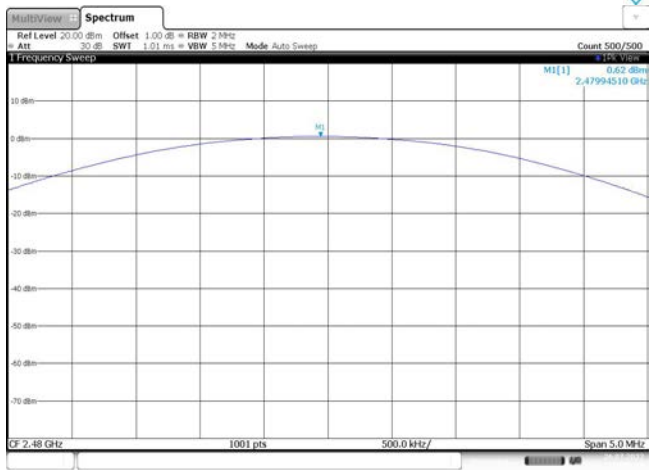
Appendix clause	Test item	Result
A	Peak Output Power	PASS
B	20 dB Bandwidth	PASS
C	99% Occupied Bandwidth	PASS
D	Carrier Frequencies Separation	PASS
E	Hopping Channel Number	PASS
F	Dwell Time	PASS
G	Duty Cycle Correction Factor (DCCF)	PASS
H	Band edge and Spurious Emissions(coducted)	PASS

Appendix A: Peak Output Power

Modulation type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
GFSK	00	-0.57	-0.60	≤ 30.00	Pass
	39	-0.40	-0.41		
	78	-0.63	-0.65		
$\pi/4$ DQPSK	00	0.42	-0.05	≤ 21.00	Pass
	39	0.50	0.05		
	78	0.25	-0.22		
8DPSK	00	0.78	0.19	≤ 21.00	Pass
	39	0.90	0.31		
	78	0.62	0.02		

Modulation Type:	GFSK
CH00	 MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB = RBW 1 kHz Att 30 dB SWI 4.21 μs (~31 ms) = VSW 3 kHz Mode Auto FFT Count 300/300 Frequency Sweep M1[1] -0.57 dBm 2.40180020 GHz CF 2.402 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 26 JUL 2022 10:53:33
CH39	 MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB = RBW 1 kHz Att 30 dB SWI 4.21 μs (~31 ms) = VSW 3 kHz Mode Auto FFT Count 300/300 Frequency Sweep M1[1] -0.40 dBm 2.44080520 GHz CF 2.441 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 26 JUL 2022 10:56:35
CH78	 MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB = RBW 1 kHz Att 30 dB SWI 4.21 μs (~31 ms) = VSW 3 kHz Mode Auto FFT Count 300/300 Frequency Sweep M1[1] -0.62 dBm 2.47980520 GHz CF 2.478 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 26 JUL 2022 10:56:58

Modulation Type:	$\pi/4$ DQPSK
CH00	 Date: 26 JUL 2022 10:21:33
CH39	 Date: 26 JUL 2022 10:24:11
CH78	 Date: 26 JUL 2022 10:30:17

Modulation Type:	8DPSK
CH00	 Ref Level 20.00 dBm Offset 1.00 dB = RBW 2 MHz Att 30 dB SWI 1.01 ms = VBW 5 MHz Mode Auto Sweep Count 500/500 M1[1] -0.78 dBm 2.40196000 GHz CF 2.402 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 26 JUL 2022 10:32:39
CH39	 Ref Level 20.00 dBm Offset 1.00 dB = RBW 2 MHz Att 30 dB SWI 1.01 ms = VBW 5 MHz Mode Auto Sweep Count 500/500 M1[1] -0.50 dBm 2.44084520 GHz CF 2.441 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 26 JUL 2022 10:37:29
CH78	 Ref Level 20.00 dBm Offset 1.00 dB = RBW 2 MHz Att 30 dB SWI 1.01 ms = VBW 5 MHz Mode Auto Sweep Count 500/500 M1[1] -0.62 dBm 2.47994519 GHz CF 2.478 GHz 1001 pts 500.0 kHz/ Span 5.0 MHz Date: 26 JUL 2022 10:39:29

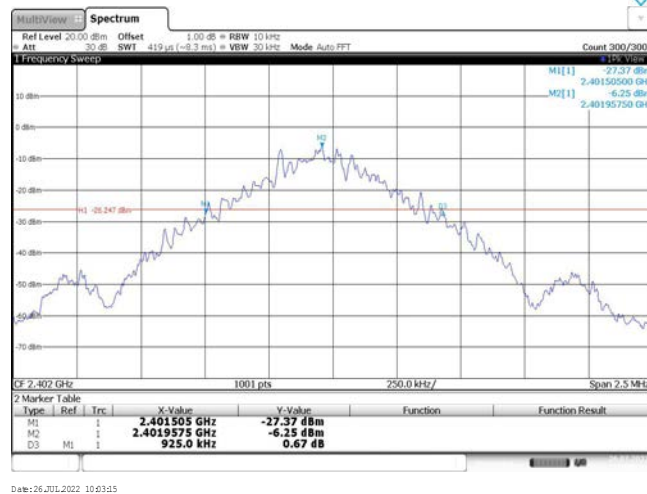
Appendix B : 20 dB Bandwidth

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	1325.00	-	Pass
	39	1322.50		
	78	1320.00		
8DPSK	00	1300.00	-	Pass
	39	1310.00		
	78	1307.50		

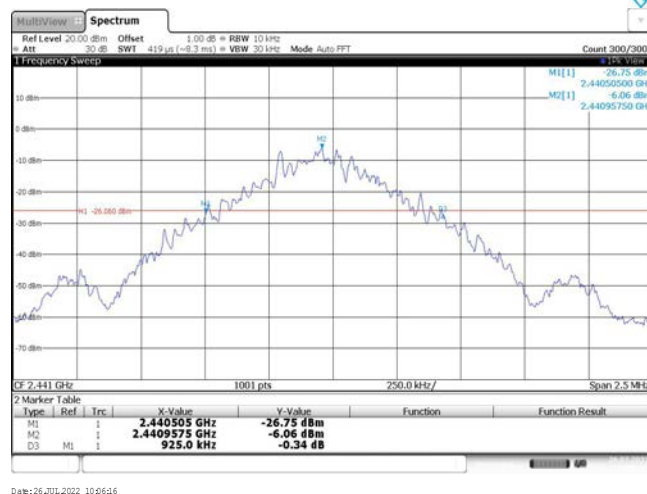
Modulation Type:

GFSK

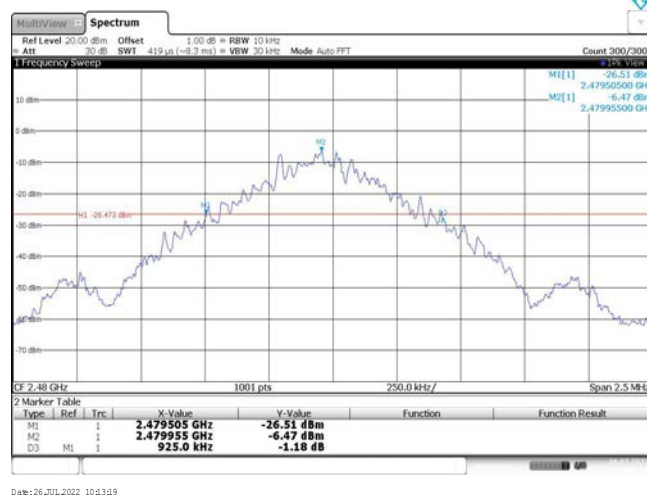
CH00



CH39



CH78

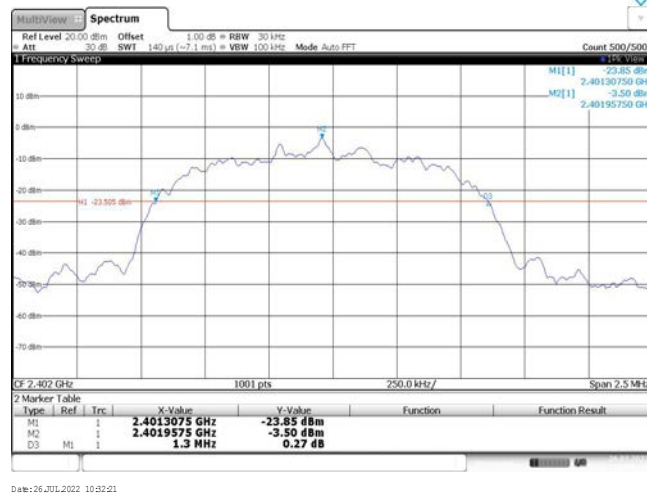


Modulation Type:		$\pi/4$ DQPSK
CH00		

Modulation Type:

8DPSK

CH00



CH39



CH78



Appendix C: 99% Occupied Bandwidth

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.87	-	Pass
	39	0.87		
	78	0.87		
$\pi/4$ DQPSK	00	1.18	-	Pass
	39	1.18		
	78	1.18		
8DPSK	00	1.19	-	Pass
	39	1.19		
	78	1.18		

Modulation Type:

GFSK

CH00



Date: 26 JUL 2022 10:53:24

CH39



Date: 26 JUL 2022 10:56:25

CH78



Date: 26 JUL 2022 10:53:28

Modulation Type:

 $\pi/4$ DQPSK

CH00



Date: 26 JUL 2022 10:21:24

CH39



Date: 26 JUL 2022 10:24:02

CH78



Date: 26 JUL 2022 10:30:08

Modulation Type:

8DPSK

CH00



Date: 26 JUL 2022 10:32:30

CH39



Date: 26 JUL 2022 10:37:19

CH78



Date: 26 JUL 2022 10:39:19

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	≥833.33	Pass
8DPSK	39	1.00	≥873.33	Pass

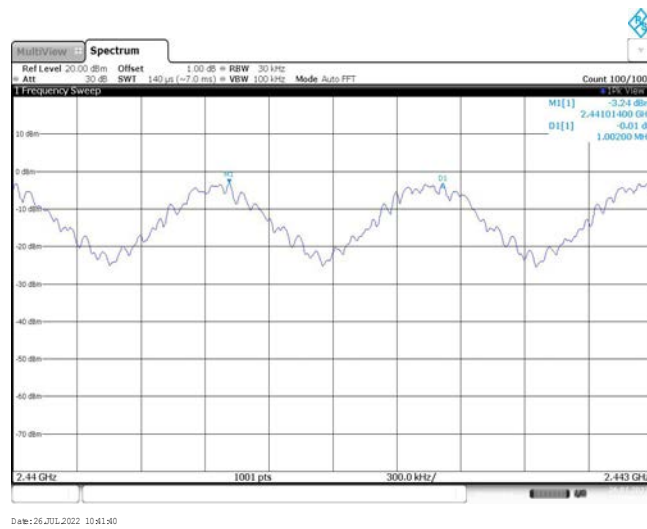
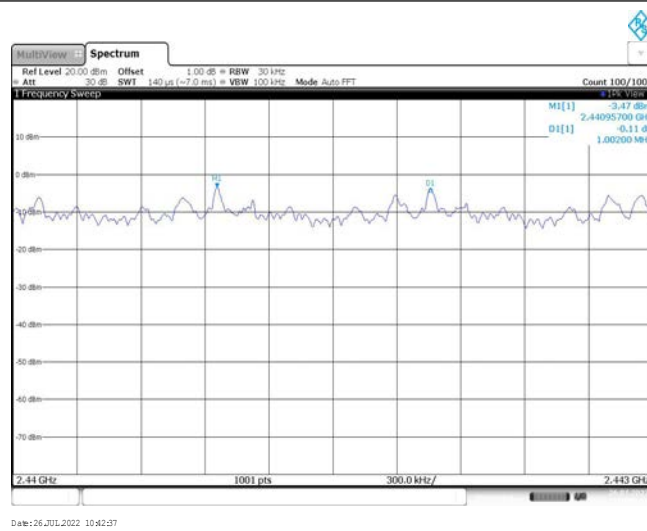
Note:

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

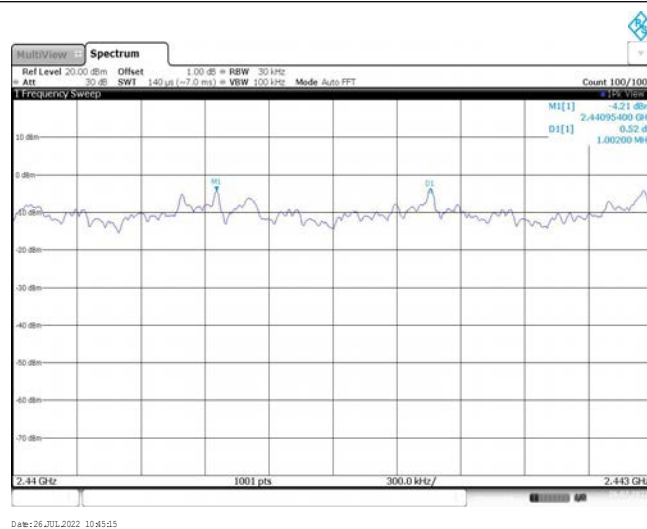
π/4DQPSK limit = $\frac{2}{3}$ * The maximum 20 dB Bandwidth for π/4DQPSK modulation on the appendix B.

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

GFSK

 $\pi/4$ DQPSK

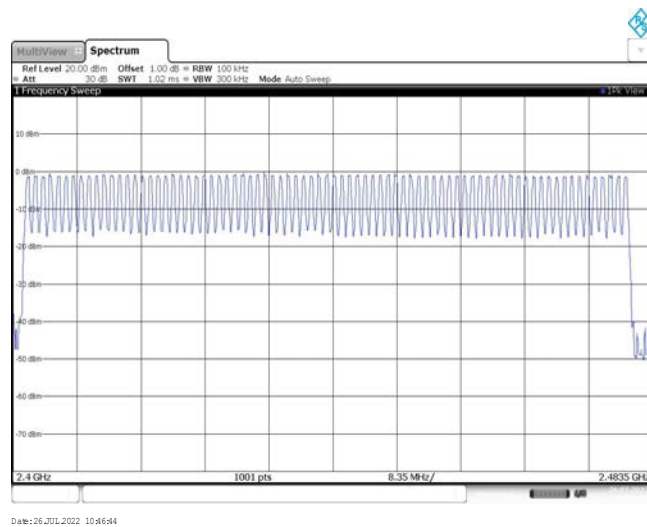
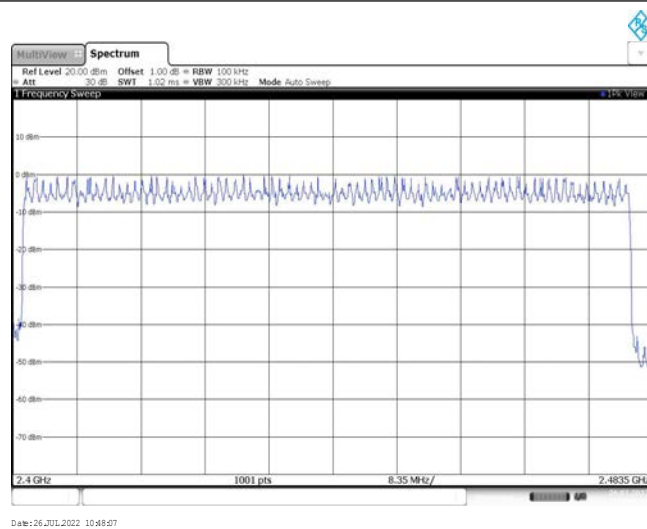
8DPSK



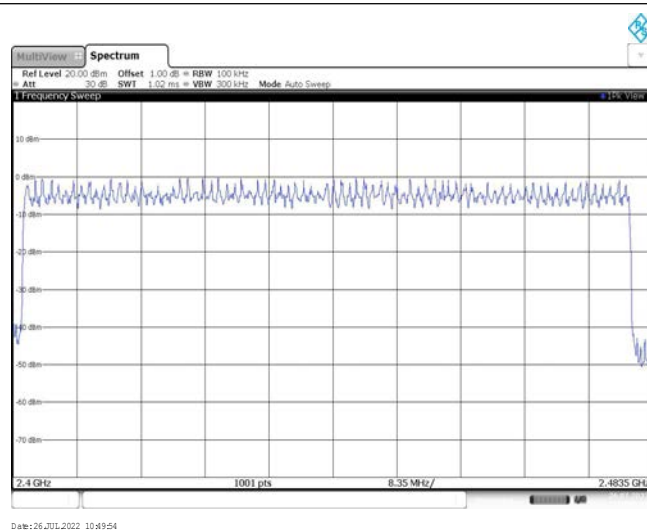
Appendix E: Hopping Channel Number

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

GFSK

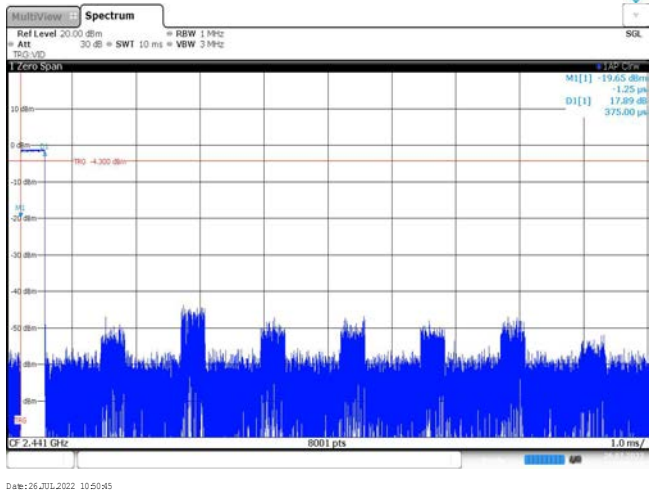
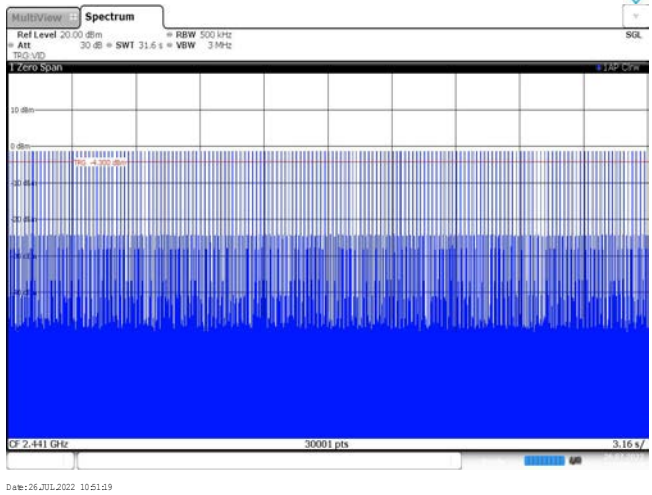
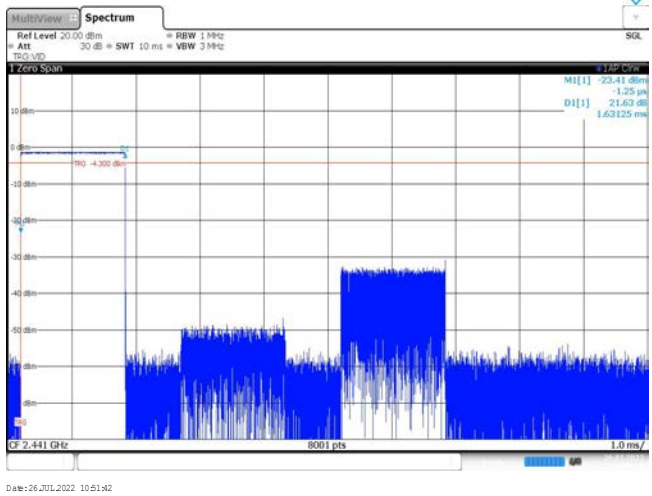
 $\pi/4$ DQPSK

8DPSK

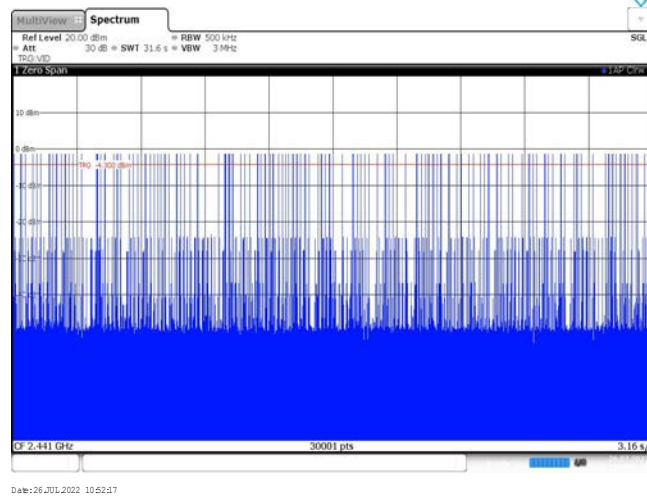


Appendix F: Dwell Time

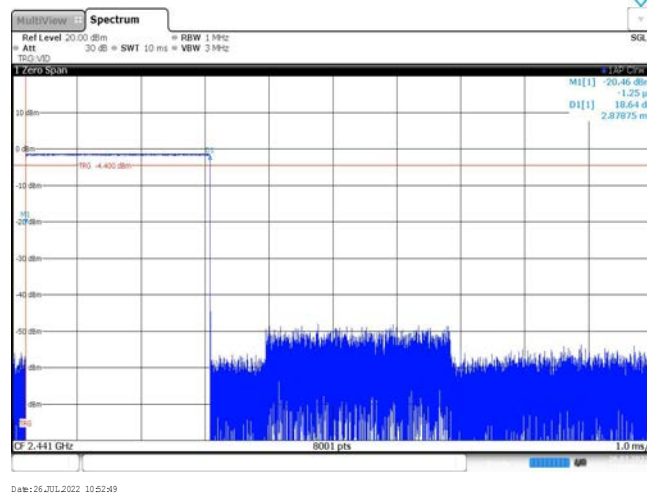
Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.38	319	0.12	≤ 0.40	Pass
	DH3	1.63	154	0.25		
	DH5	2.88	117	0.34		
$\pi/4$ DQPSK	2DH1	0.38	317	0.12	≤ 0.40	Pass
	2DH3	1.64	146	0.24		
	2DH5	2.89	112	0.32		
8DPSK	3DH1	0.38	318	0.12	≤ 0.40	Pass
	3DH3	1.64	155	0.25		
	3DH5	2.89	107	0.31		

Modulation Type:	GFSK
DH1 Burst width	 The spectrum plot shows a signal with a bandwidth of approximately 1 MHz. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. The plot shows a series of bursts of signal. The date and time are 26 JUL 2022 10:50:45.
DH1 Burst number	 The spectrum plot shows a signal with a bandwidth of approximately 1 MHz. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. The plot shows a series of bursts of signal. The date and time are 26 JUL 2022 10:51:19.
DH3 Burst width	 The spectrum plot shows a signal with a bandwidth of approximately 1 MHz. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. The plot shows a series of bursts of signal. The date and time are 26 JUL 2022 10:51:42.

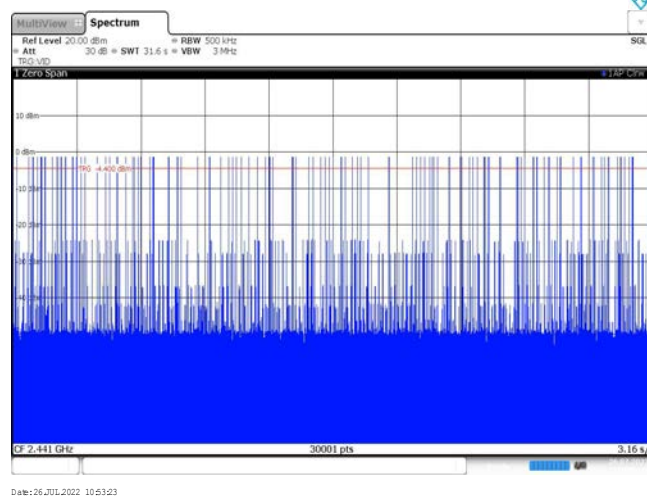
DH3
Burst number

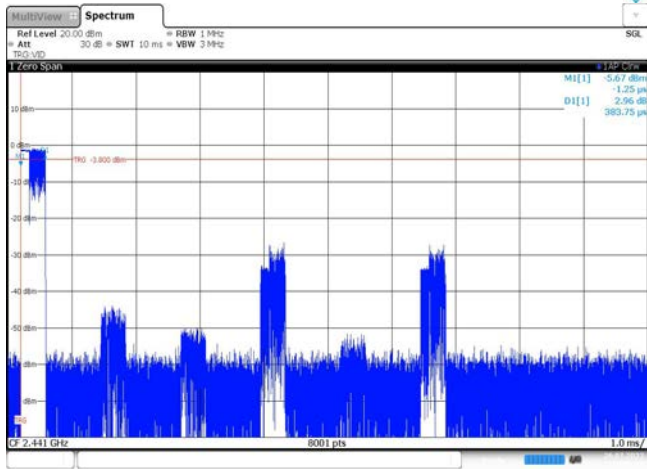
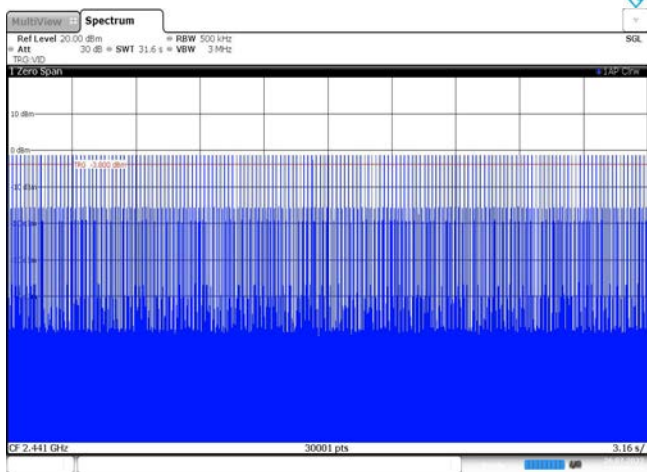
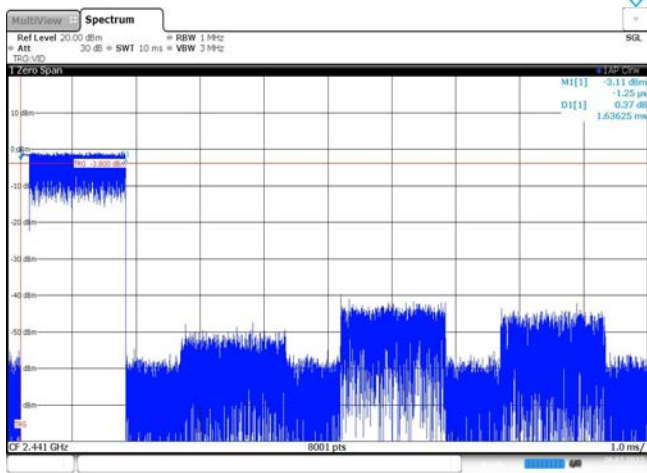


DH5
Burst width

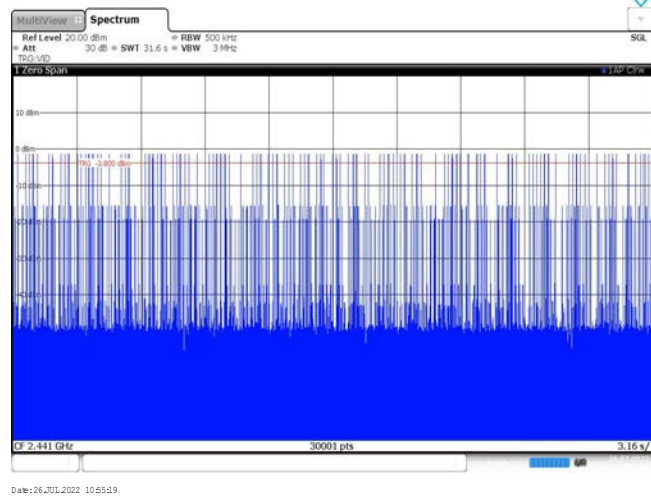


DH5
Burst number

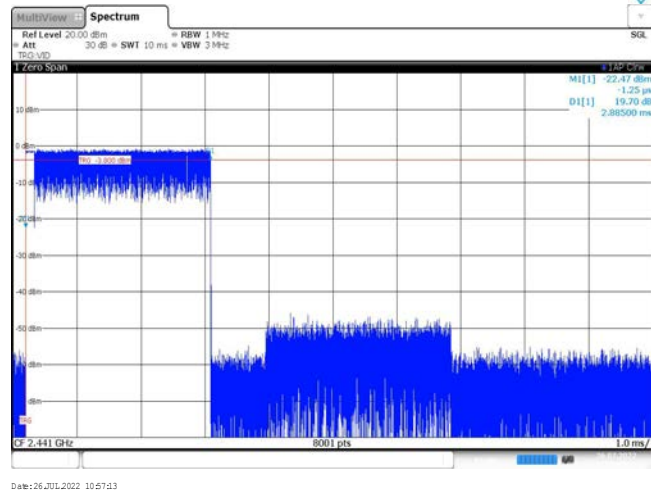


Modulation Type:	$\pi/4$ DQPSK
2DH1 Burst width	 The spectrum plot shows a signal centered at 2.441 GHz. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in MHz, ranging from 2.435 to 2.447. The plot shows a burst of signal with a peak power of approximately -10 dBm. The signal is modulated with $\pi/4$DQPSK. The plot includes a reference level of 20.00 dBm, an attenuation of 30 dB, a resolution bandwidth (RBW) of 1 kHz, a sweep time (SWT) of 10 ms, and a video bandwidth (VBW) of 3 kHz. The plot also shows a 1 Zero Span view. The date is 26 JUL 2022 10:53:45.
2DH1 Burst number	 The spectrum plot shows a signal centered at 2.441 GHz. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in MHz, ranging from 2.435 to 2.447. The plot shows a burst of signal with a peak power of approximately -10 dBm. The signal is modulated with $\pi/4$DQPSK. The plot includes a reference level of 20.00 dBm, an attenuation of 30 dB, a resolution bandwidth (RBW) of 500 kHz, a sweep time (SWT) of 31.6 s, and a video bandwidth (VBW) of 3 MHz. The plot also shows a 1 Zero Span view. The date is 26 JUL 2022 10:54:19.
2DH3 Burst width	 The spectrum plot shows a signal centered at 2.441 GHz. The y-axis represents power in dBm, ranging from -50 to 10. The x-axis represents frequency in MHz, ranging from 2.435 to 2.447. The plot shows a burst of signal with a peak power of approximately -10 dBm. The signal is modulated with $\pi/4$DQPSK. The plot includes a reference level of 20.00 dBm, an attenuation of 30 dB, a resolution bandwidth (RBW) of 1 kHz, a sweep time (SWT) of 10 ms, and a video bandwidth (VBW) of 3 kHz. The plot also shows a 1 Zero Span view. The date is 26 JUL 2022 10:54:46.

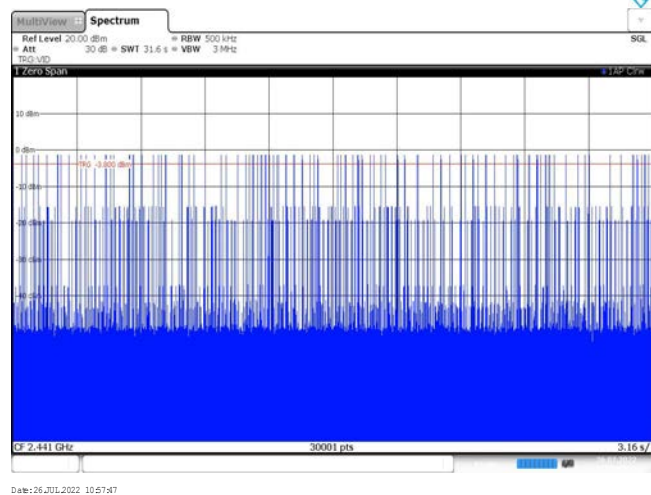
2DH3
Burst number

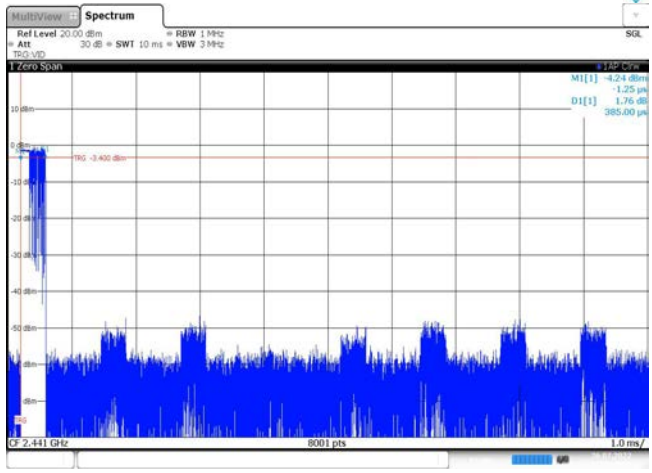
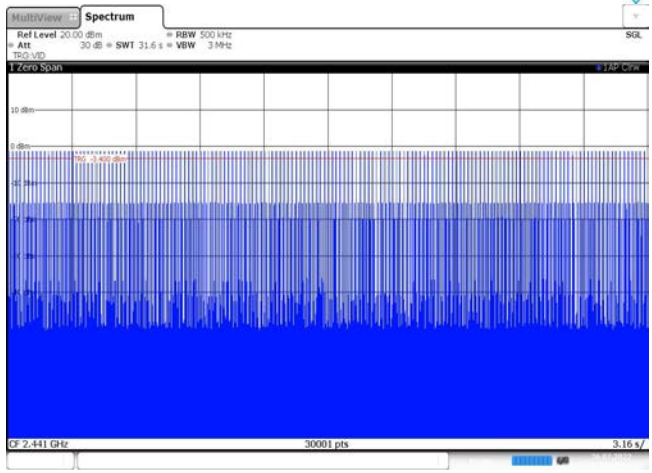
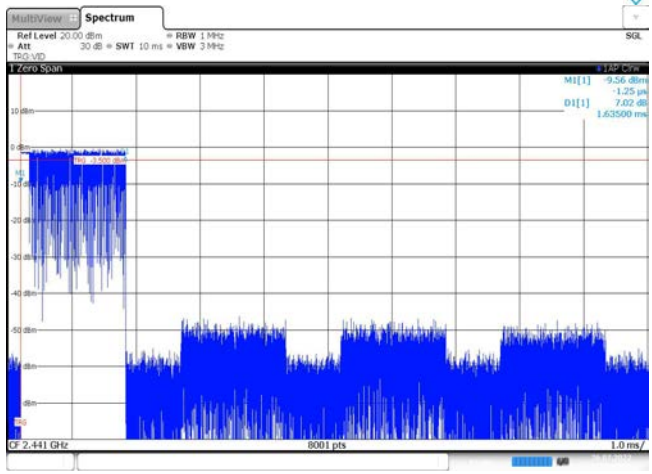


2DH5
Burst width

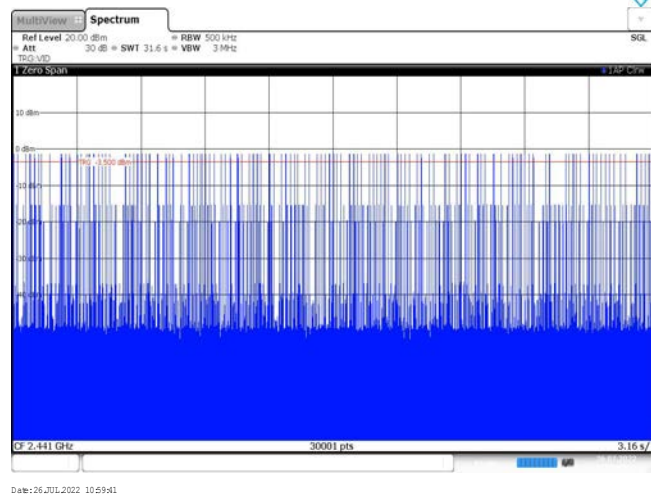


2DH5
Burst number

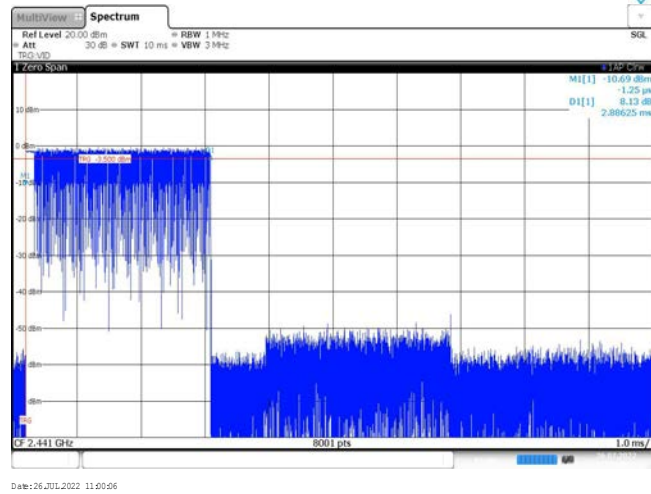


Modulation Type:	8DPSK
3DH1 Burst width	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 8001 pts. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. The plot shows a burst of signal at the start, followed by a series of smaller bursts. The signal is labeled as 3DH1. Ref Level 20.00 dBm Att 30 dB RBW 1 kHz SWT 10 ms VBW 3 kHz TSG V/D 1 Zero Span CF 2.441 GHz 8001 pts 1.0 ms Date: 26 JUL 2022 10:58:09
3DH1 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 frequency in MHz, ranging from 2.440 to 2.442. The plot shows a dense burst of signal at the start, followed by a series of smaller bursts. The signal is labeled as 3DH1. Ref Level 20.00 dBm Att 30 dB RBW 500 kHz SWT 31.6 s VBW 3 kHz TSG V/D 1 Zero Span CF 2.441 GHz 30001 pts 3.16 s Date: 26 JUL 2022 10:58:43
3DH3 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 frequency in MHz, ranging from 2.440 to 2.442. The plot shows a burst of signal at the start, followed by a series of smaller bursts. The signal is labeled as 3DH3. Ref Level 20.00 dBm Att 30 dB RBW 1 kHz SWT 10 ms VBW 3 kHz TSG V/D 1 Zero Span CF 2.441 GHz 8001 pts 1.0 ms Date: 26 JUL 2022 10:59:07

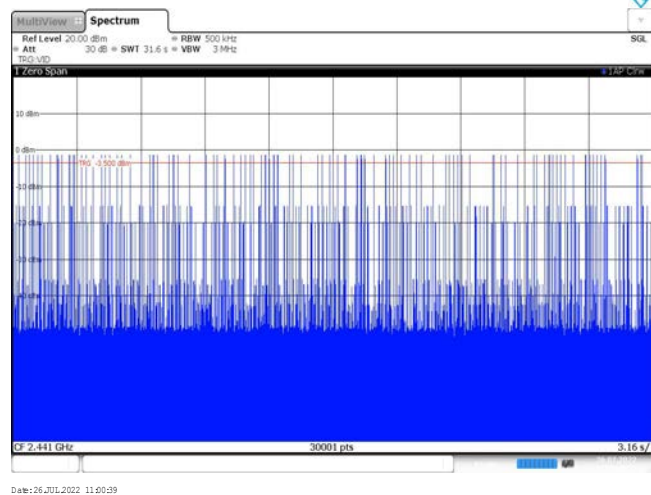
3DH3
Burst number



3DH5
Burst width



3DH5
Burst number

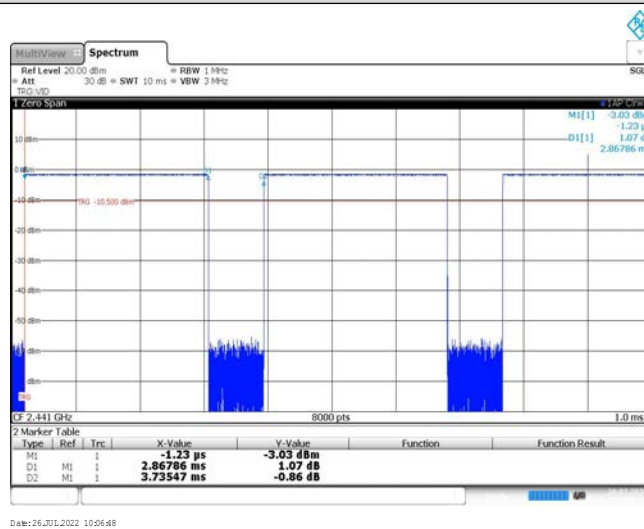


Appendix G: Duty Cycle Correction Factor (DCCF)**DCCF Calculate Formula**

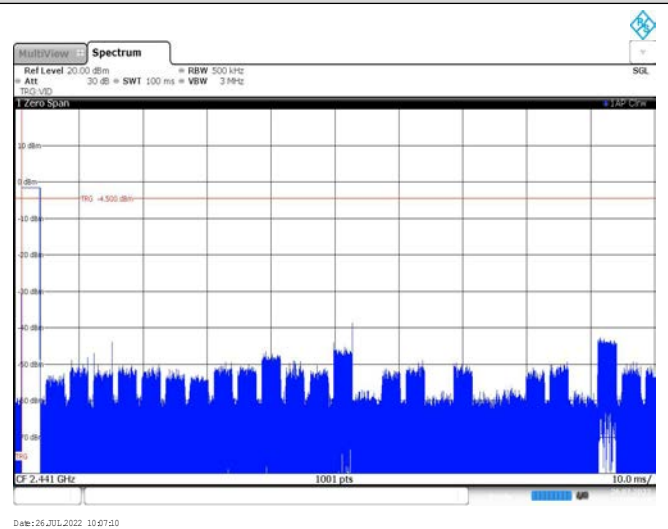
$$\text{DCCF} = 20 * \text{Log}(\text{duty cycle}) = 20 * \text{Log}(T_{\text{on time}} / T_{\text{period}})$$

Modulation type	Test Frequency (MHz)	T _{on time} for single burst [ms]	T _{period} [ms]	Burst Quantity	DCCF [dB]
GFSK	2441	2.87	100	1	-30.84
$\pi/4$ DQPSK	2441	2.87	100	1	-30.84
8DPSK	2441	2.88	100	2	-24.79

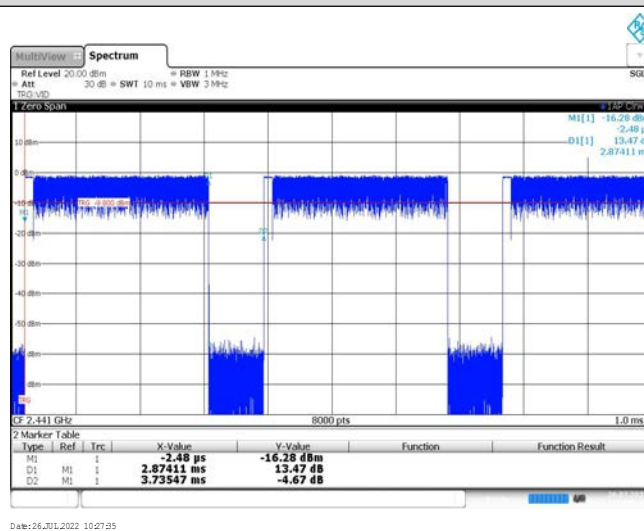
GFSK



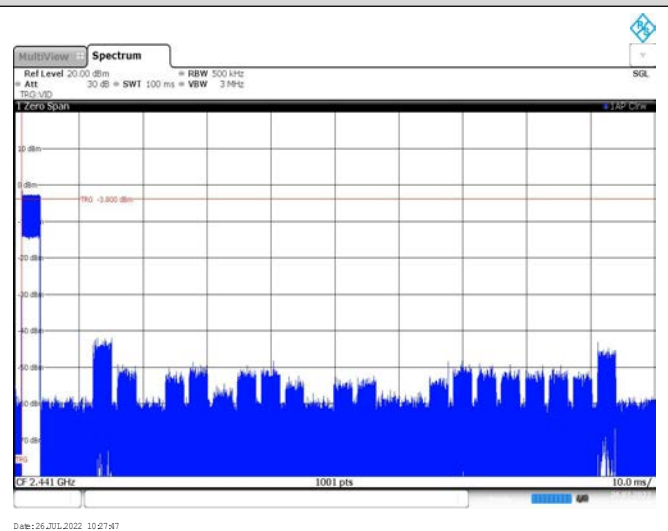
Ton time for single burst



Burst Quantity

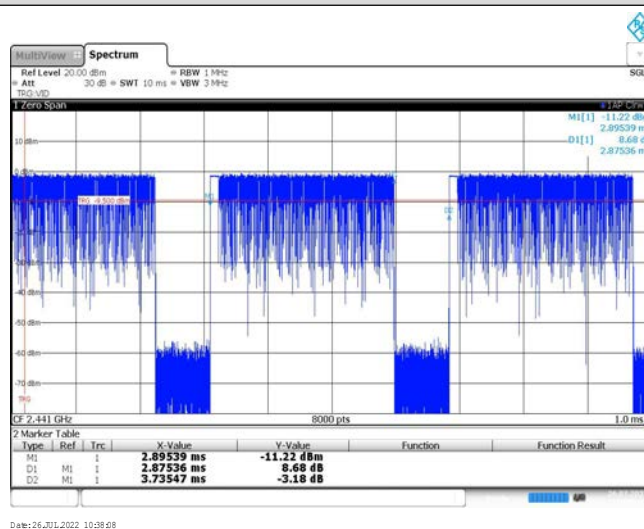
 $\pi/4$ DQPSK

Ton time for single burst

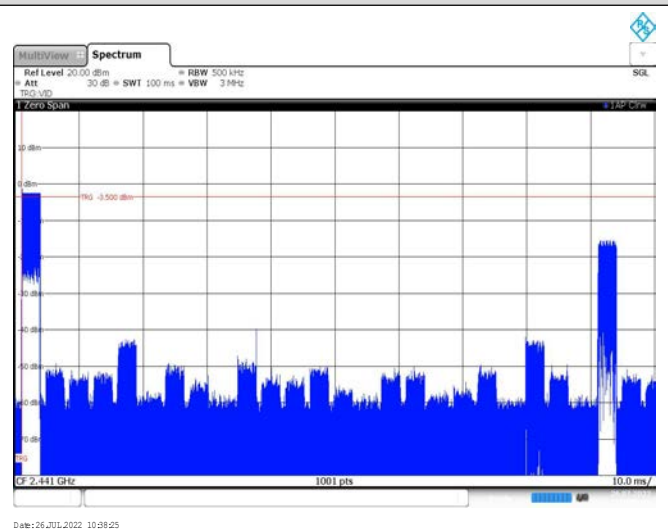


Burst Quantity

8DPSK

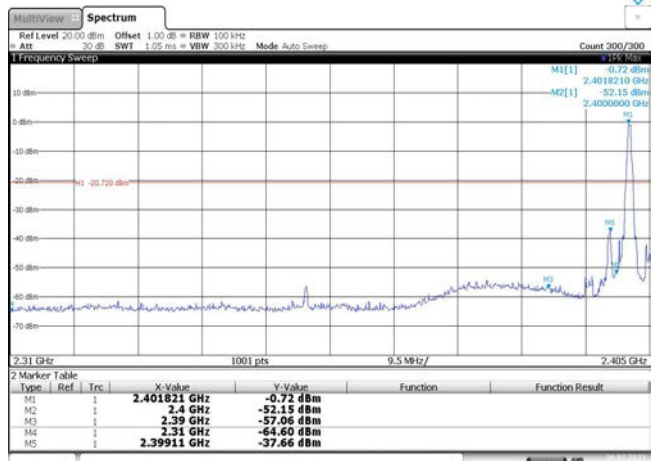
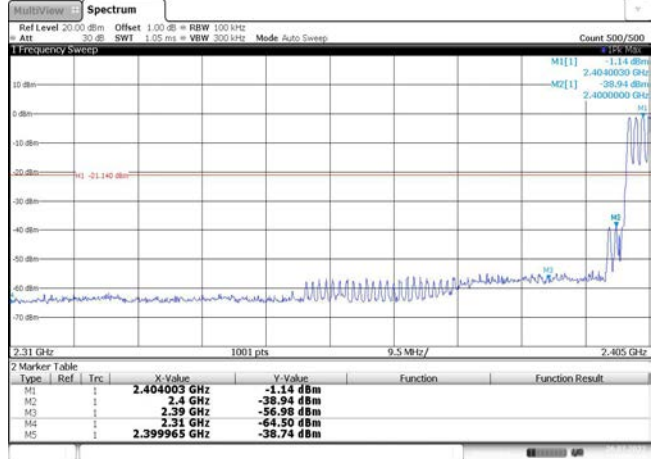
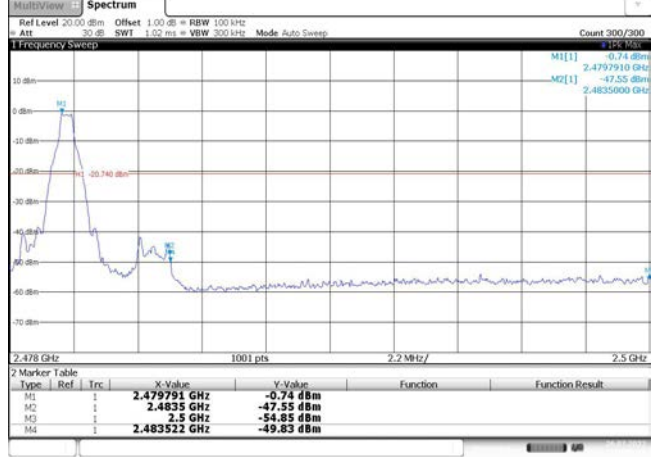


Ton time for single burst

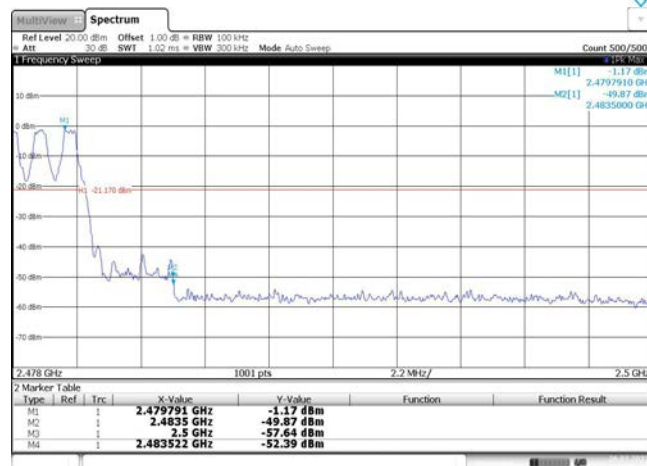


Burst Quantity

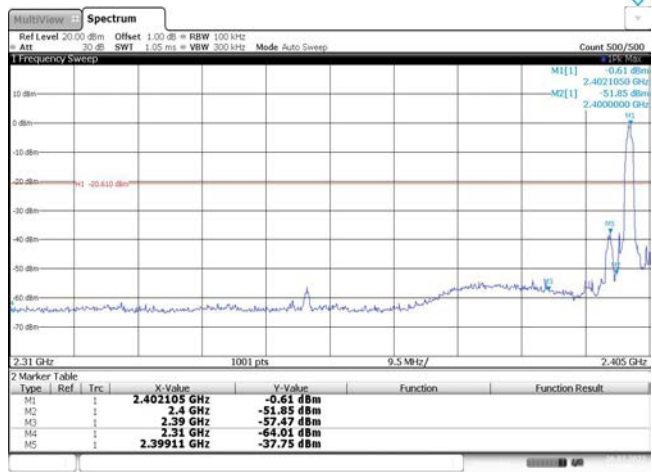
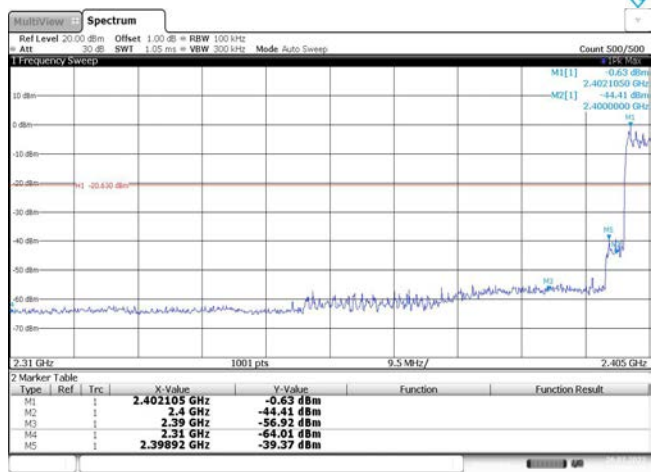
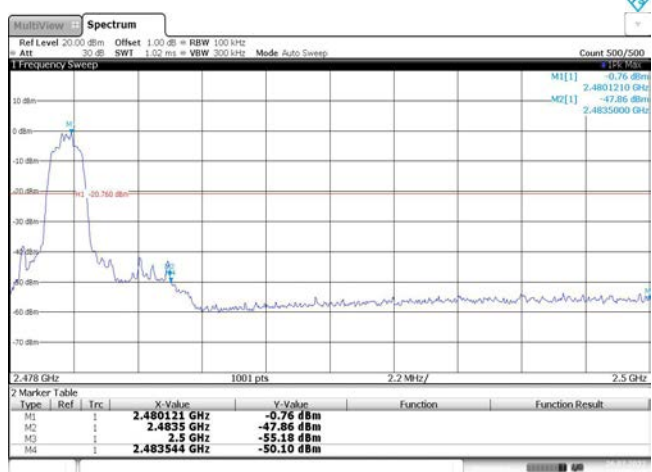
Appendix H: Band edge and Spurious Emissions (conducted)

Test Item:	Band edge	Modulation type:	GFSK																																										
CH00 No hopping mode	 <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>1</td><td>2.401821 GHz</td><td>-0.72 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td>1</td><td>2.4 GHz</td><td>-52.15 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td>1</td><td>2.39 GHz</td><td>-57.06 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td>1</td><td>2.31 GHz</td><td>-64.60 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td>1</td><td>2.39911 GHz</td><td>-37.66 dBm</td><td></td><td></td></tr></table> Date: 26 JUL 2022 10:24:19	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1	1	2.401821 GHz	-0.72 dBm			M2	1	1	2.4 GHz	-52.15 dBm			M3	1	1	2.39 GHz	-57.06 dBm			M4	1	1	2.31 GHz	-64.60 dBm			M5	1	1	2.39911 GHz	-37.66 dBm				
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1	1	2.401821 GHz	-0.72 dBm																																									
M2	1	1	2.4 GHz	-52.15 dBm																																									
M3	1	1	2.39 GHz	-57.06 dBm																																									
M4	1	1	2.31 GHz	-64.60 dBm																																									
M5	1	1	2.39911 GHz	-37.66 dBm																																									
CH00 Hopping mode	 <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>1</td><td>2.404003 GHz</td><td>-1.14 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td>1</td><td>2.4 GHz</td><td>-38.94 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td>1</td><td>2.39 GHz</td><td>-56.98 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td>1</td><td>2.31 GHz</td><td>-64.50 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td>1</td><td>2.399965 GHz</td><td>-38.74 dBm</td><td></td><td></td></tr></table> Date: 26 JUL 2022 10:46:59	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1	1	2.404003 GHz	-1.14 dBm			M2	1	1	2.4 GHz	-38.94 dBm			M3	1	1	2.39 GHz	-56.98 dBm			M4	1	1	2.31 GHz	-64.50 dBm			M5	1	1	2.399965 GHz	-38.74 dBm				
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1	1	2.404003 GHz	-1.14 dBm																																									
M2	1	1	2.4 GHz	-38.94 dBm																																									
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M5	1	1	2.399965 GHz	-38.74 dBm																																									
CH78 No hopping mode	 <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>1</td><td>2.479791 GHz</td><td>-0.74 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td>1</td><td>2.4835 GHz</td><td>-47.55 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td>1</td><td>2.5 GHz</td><td>-54.85 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td>1</td><td>2.483522 GHz</td><td>-49.83 dBm</td><td></td><td></td></tr></table> Date: 26 JUL 2022 10:51:41	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1	1	2.479791 GHz	-0.74 dBm			M2	1	1	2.4835 GHz	-47.55 dBm			M3	1	1	2.5 GHz	-54.85 dBm			M4	1	1	2.483522 GHz	-49.83 dBm											
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1	1	2.479791 GHz	-0.74 dBm																																									
M2	1	1	2.4835 GHz	-47.55 dBm																																									
M3	1	1	2.5 GHz	-54.85 dBm																																									
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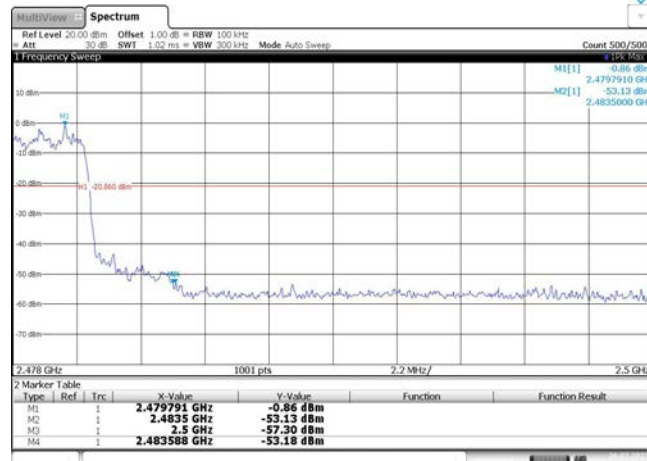
CH78
Hopping mode



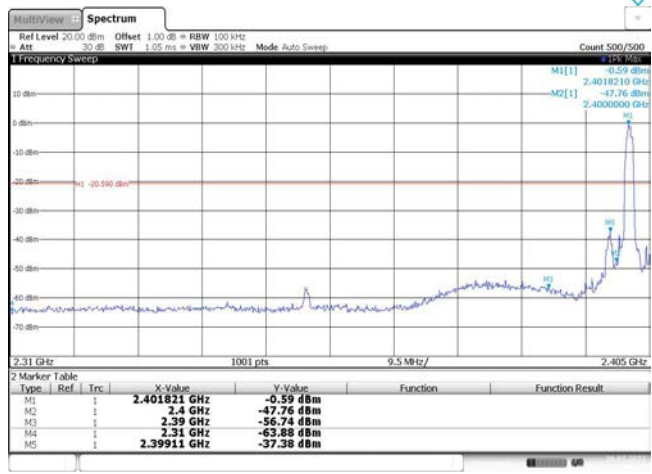
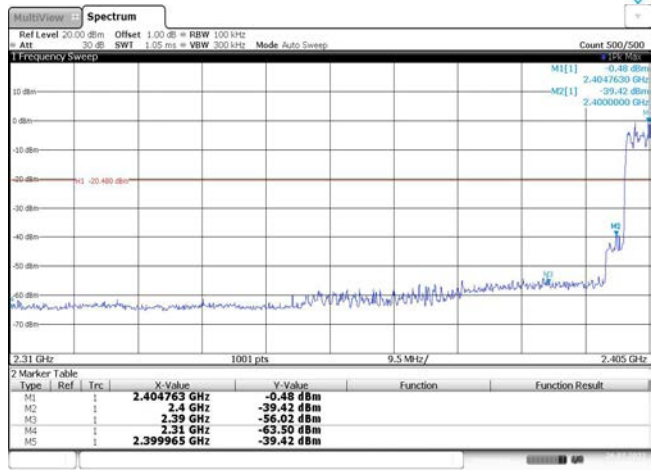
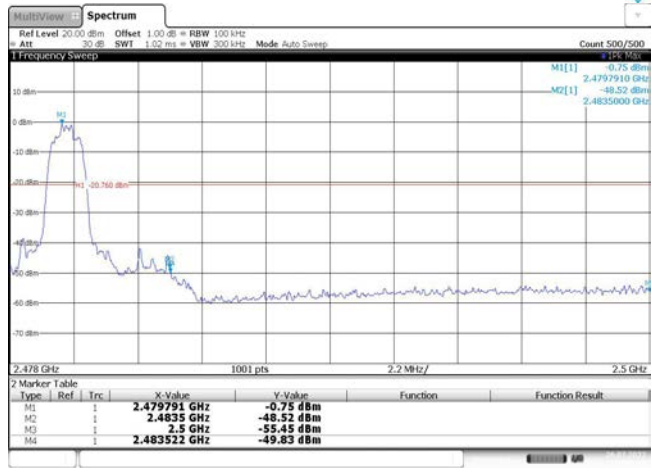
Date: 26 JUL 2022 10:47:13

Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK																																										
CH00 No hopping mode	<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>-0.61 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-51.85 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-57.47 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-64.01 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.39911 GHz</td><td>-37.75 dBm</td><td></td><td></td></tr></table> Date: 26 JUL 2022 10:22:16			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	-0.61 dBm			M2	1		2.4 GHz	-51.85 dBm			M3	1		2.39 GHz	-57.47 dBm			M4	1		2.31 GHz	-64.01 dBm			M5	1		2.39911 GHz	-37.75 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.402105 GHz	-0.61 dBm																																									
M2	1		2.4 GHz	-51.85 dBm																																									
M3	1		2.39 GHz	-57.47 dBm																																									
M4	1		2.31 GHz	-64.01 dBm																																									
M5	1		2.39911 GHz	-37.75 dBm																																									
CH00 Hopping mode	<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>-0.63 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-44.41 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-56.92 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-64.01 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.39892 GHz</td><td>-39.37 dBm</td><td></td><td></td></tr></table> Date: 26 JUL 2022 10:48:21			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.402105 GHz	-0.63 dBm			M2	1		2.4 GHz	-44.41 dBm			M3	1		2.39 GHz	-56.92 dBm			M4	1		2.31 GHz	-64.01 dBm			M5	1		2.39892 GHz	-39.37 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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M2	1		2.4 GHz	-44.41 dBm																																									
M3	1		2.39 GHz	-56.92 dBm																																									
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M5	1		2.39892 GHz	-39.37 dBm																																									
CH78 No hopping mode	<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>2.480121 GHz</td><td>-0.76 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-47.86 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-55.18 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483544 GHz</td><td>-50.10 dBm</td><td></td><td></td></tr></table> Date: 26 JUL 2022 10:30:59			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.480121 GHz	-0.76 dBm			M2	1		2.4835 GHz	-47.86 dBm			M3	1		2.5 GHz	-55.18 dBm			M4	1		2.483544 GHz	-50.10 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.480121 GHz	-0.76 dBm																																									
M2	1		2.4835 GHz	-47.86 dBm																																									
M3	1		2.5 GHz	-55.18 dBm																																									
M4	1		2.483544 GHz	-50.10 dBm																																									

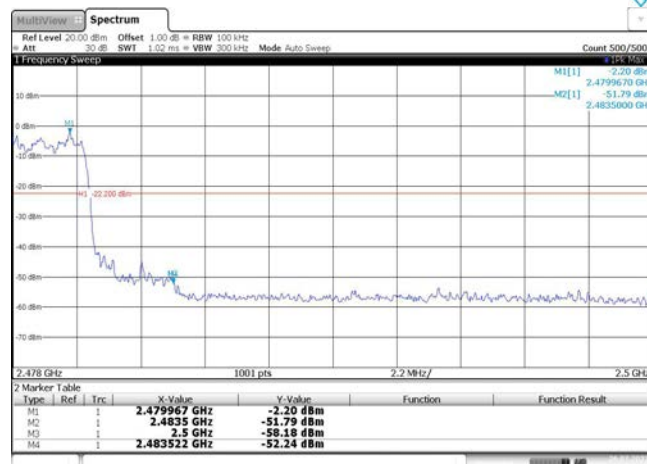
CH78
Hopping mode



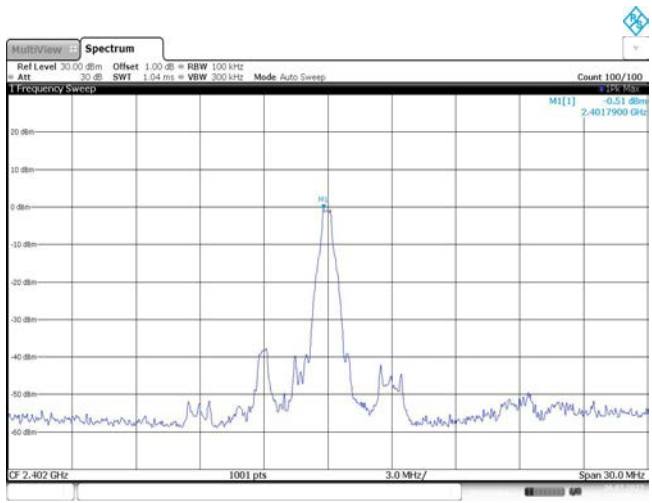
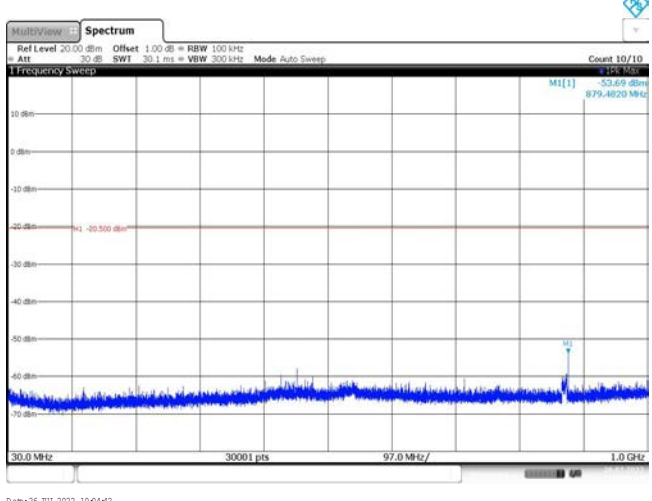
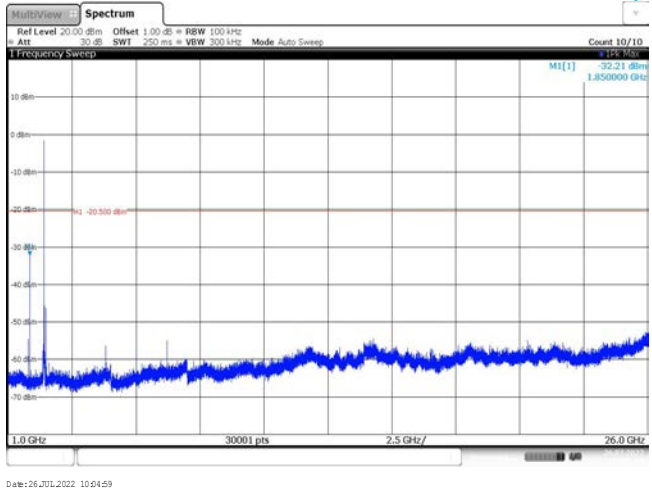
Date: 26 JUL 2022 10:48:36

Test Item:	Band edge	Modulation type:	8DPSK																																										
CH00 No hopping mode	<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>-60.59 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-47.76 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-56.74 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.88 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.39911 GHz</td><td>-37.38 dBm</td><td></td><td></td></tr></table> Date: 26 JUL 2022 10:33:21			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.401821 GHz	-60.59 dBm			M2	1		2.4 GHz	-47.76 dBm			M3	1		2.39 GHz	-56.74 dBm			M4	1		2.31 GHz	-63.88 dBm			M5	1		2.39911 GHz	-37.38 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.401821 GHz	-60.59 dBm																																									
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M3	1		2.39 GHz	-56.74 dBm																																									
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CH00 Hopping mode	<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>2.404763 GHz</td><td>-60.48 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-39.42 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-56.02 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.50 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399965 GHz</td><td>-39.42 dBm</td><td></td><td></td></tr></table> Date: 26 JUL 2022 10:50:09			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404763 GHz	-60.48 dBm			M2	1		2.4 GHz	-39.42 dBm			M3	1		2.39 GHz	-56.02 dBm			M4	1		2.31 GHz	-63.50 dBm			M5	1		2.399965 GHz	-39.42 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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M5	1		2.399965 GHz	-39.42 dBm																																									
CH78 No hopping mode	<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>2.479791 GHz</td><td>-60.75 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-48.52 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-55.45 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483522 GHz</td><td>-49.83 dBm</td><td></td><td></td></tr></table> Date: 26 JUL 2022 10:40:05			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479791 GHz	-60.75 dBm			M2	1		2.4835 GHz	-48.52 dBm			M3	1		2.5 GHz	-55.45 dBm			M4	1		2.483522 GHz	-49.83 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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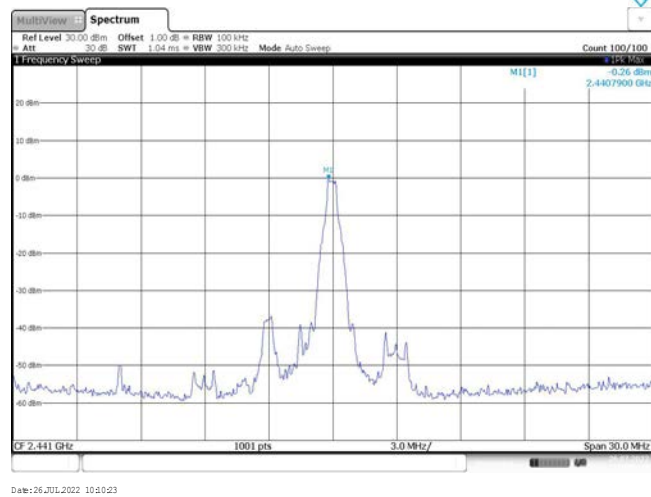
CH78
Hoppig mode



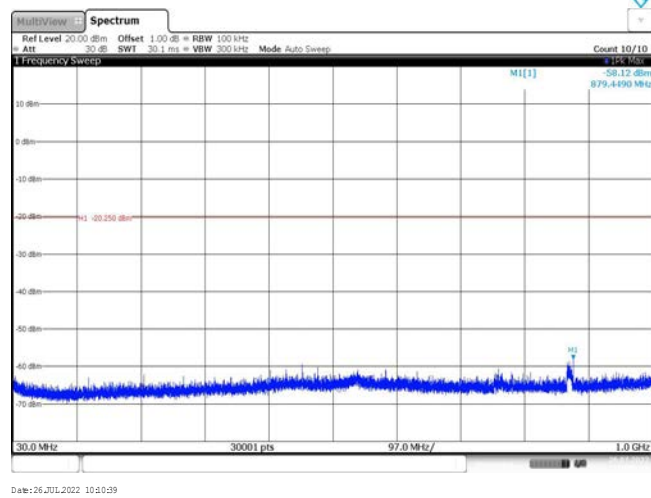
Date: 26 JUL 2022 10:50:23

Test Item:	Spurious Emission	Modulation type:	GFSK
CH00 Reference level	 Date: 26 JUL 2022 10:24:26		
CH00 30MHz~1000MHz	 Date: 26 JUL 2022 10:24:42		
CH00 1GHz~26GHz	 Date: 26 JUL 2022 10:24:59		

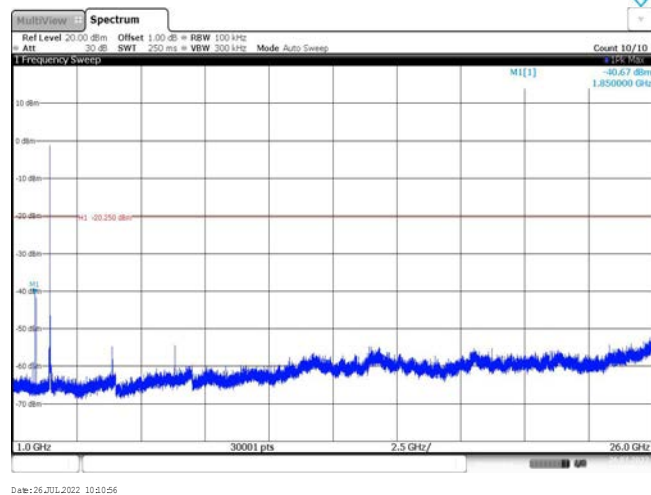
CH39
Reference level



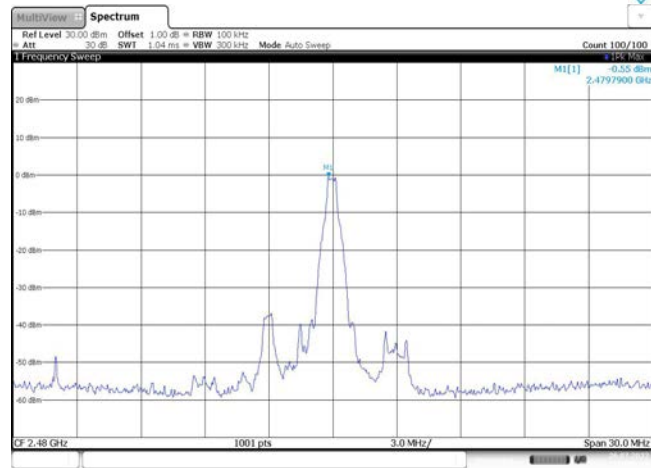
CH39
30MHz~1000MHz



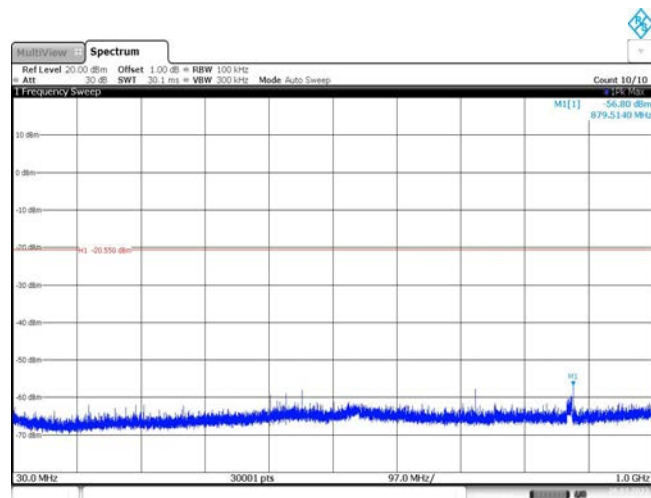
CH39
1GHz~26GHz



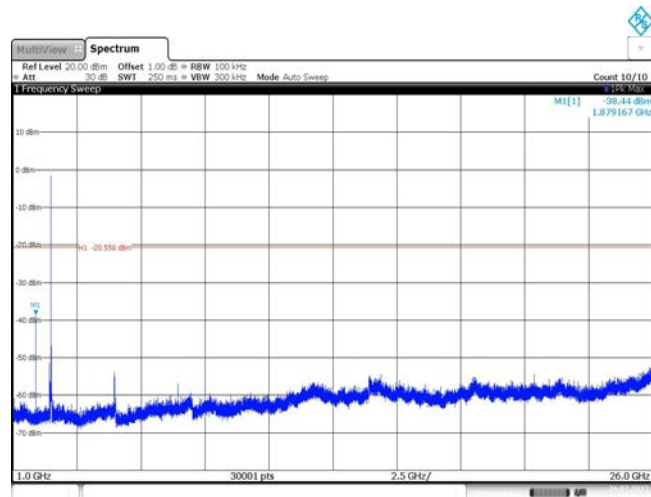
CH78
Reference level

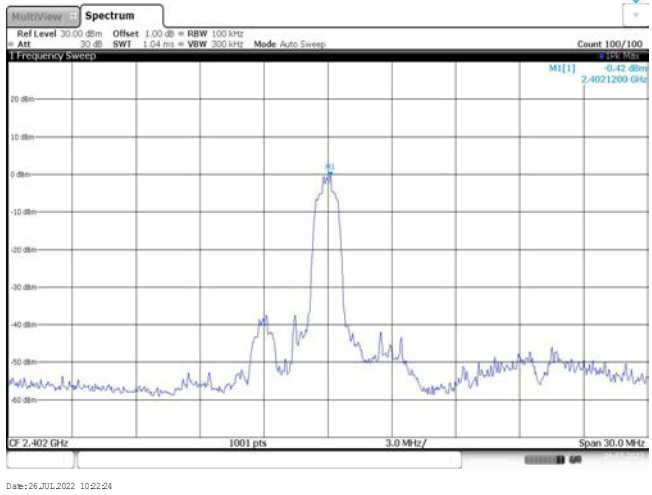
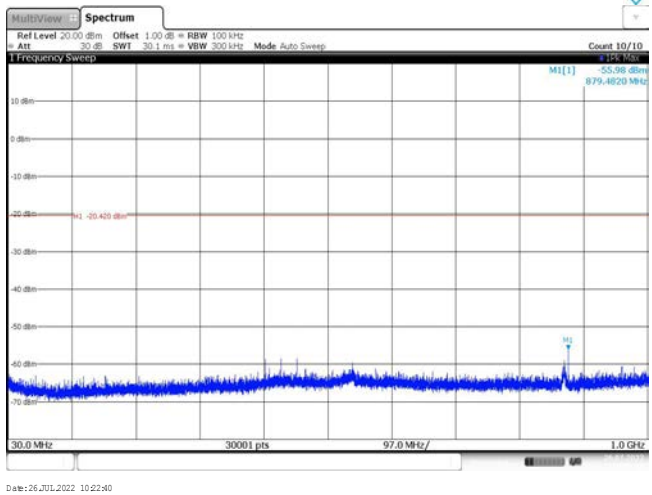
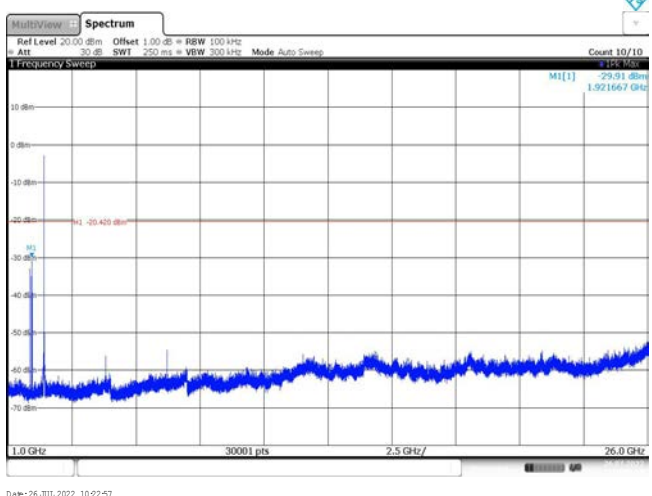


CH78
30MHz~1000MHz

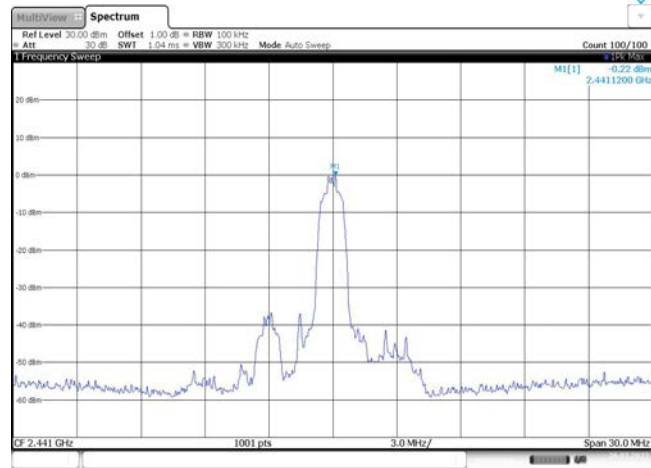


CH78
1GHz~26GHz

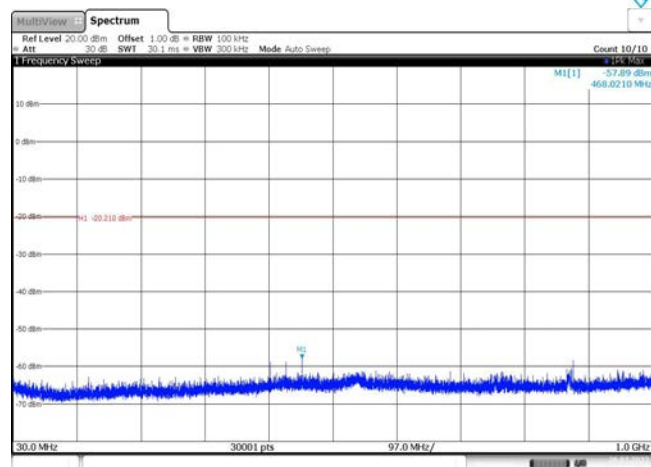


Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
CH00 Reference level	 CH00 Reference level		
CH00 30MHz~1000MHz	 CH00 30MHz~1000MHz		
CH00 1GHz~26GHz	 CH00 1GHz~26GHz		

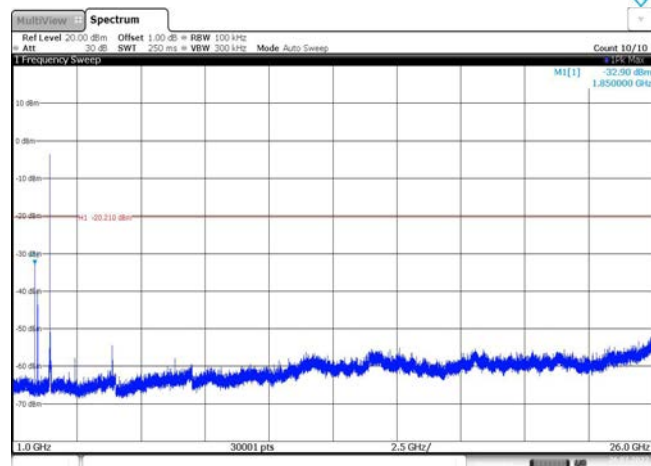
CH39
Reference level



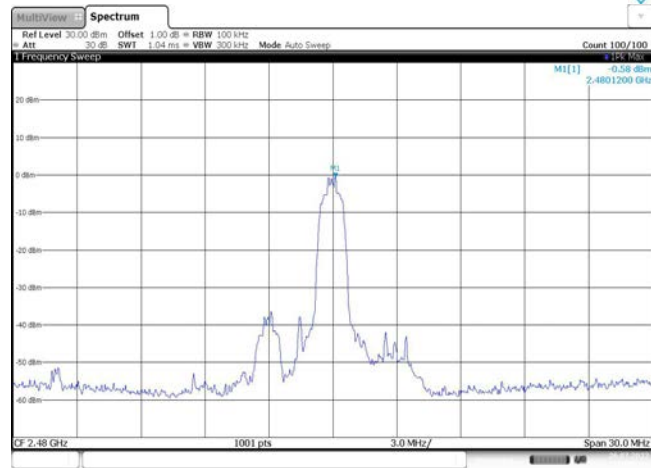
CH39
30MHz~1000MHz



CH39
1GHz~26GHz

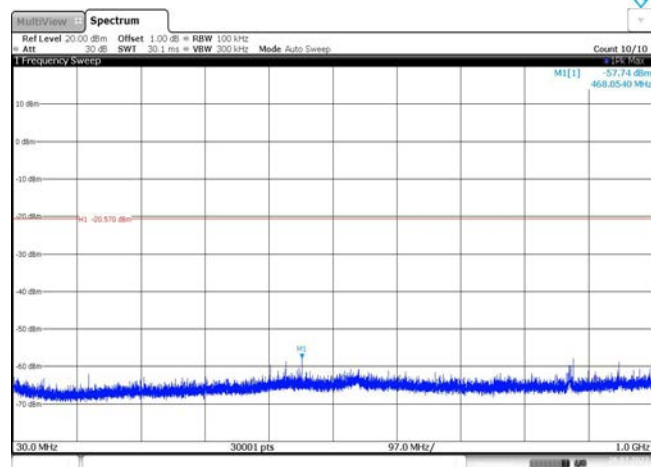


CH78
Reference level



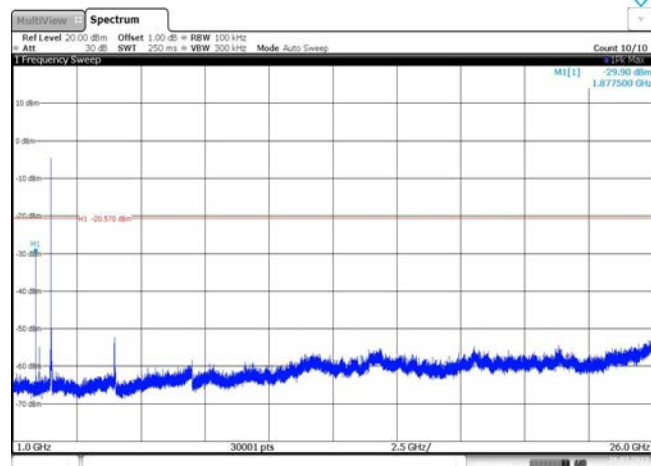
Date: 26 JUL 2022 10:31:06

CH78
30MHz~1000MHz

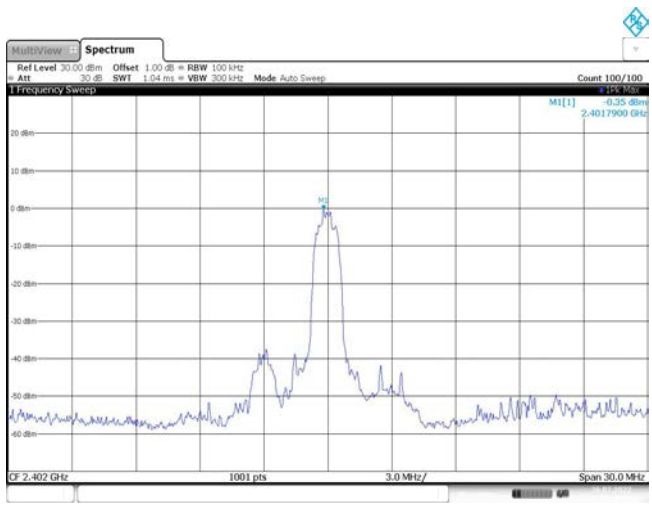
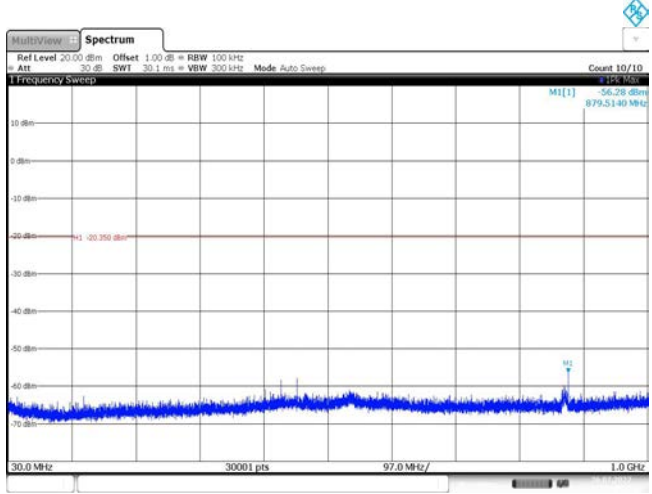
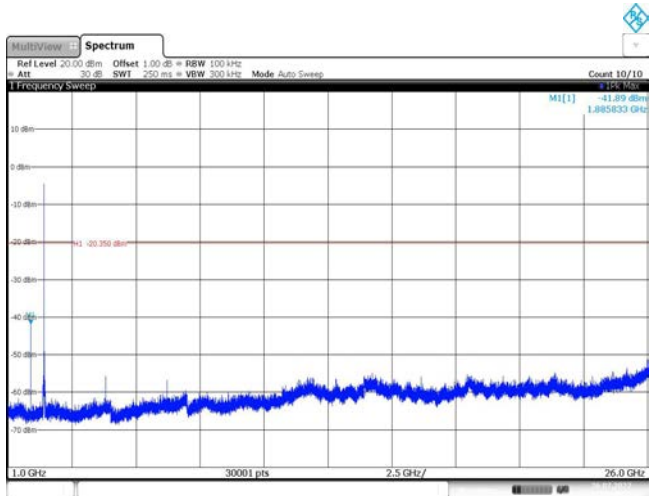


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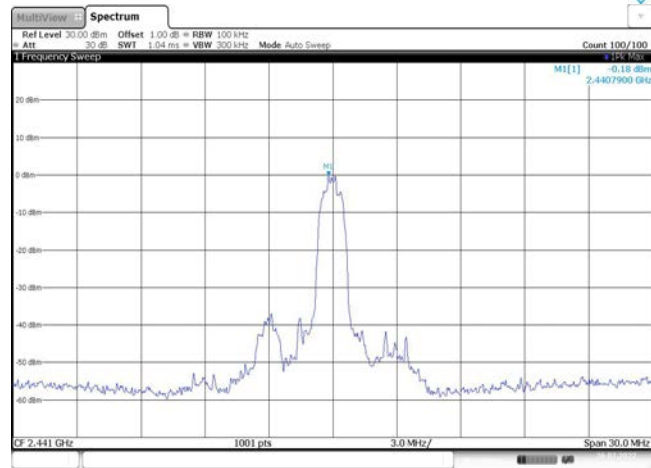
CH78
1GHz~26GHz



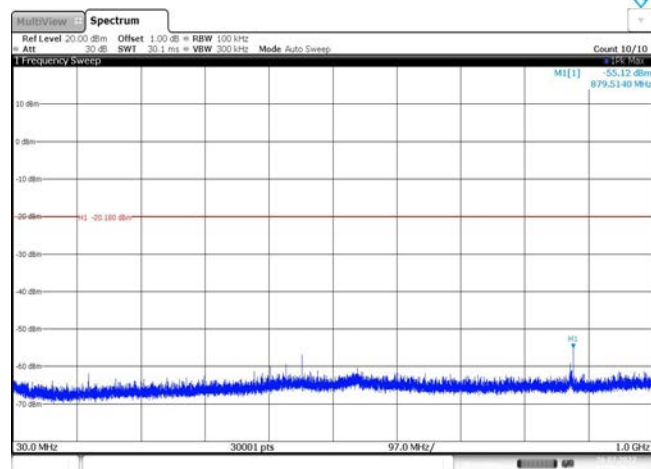
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Test Item:	Spurious Emission	Modulation type:	8DPSK
CH00 Reference level	 CH00 Reference level		
CH00 30MHz~1000MHz	 CH00 30MHz~1000MHz		
CH00 1GHz~26GHz	 CH00 1GHz~26GHz		

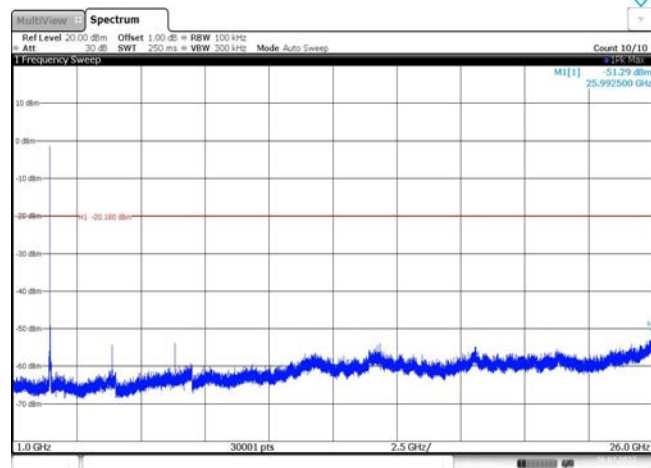
CH39
Reference level



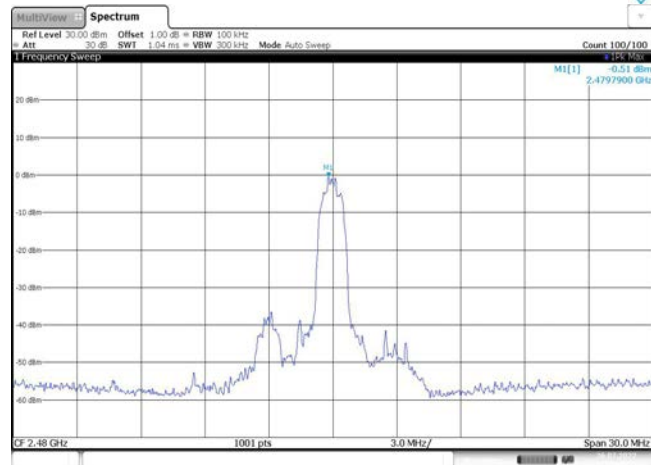
CH39
30MHz~1000MHz



CH39
1GHz~26GHz

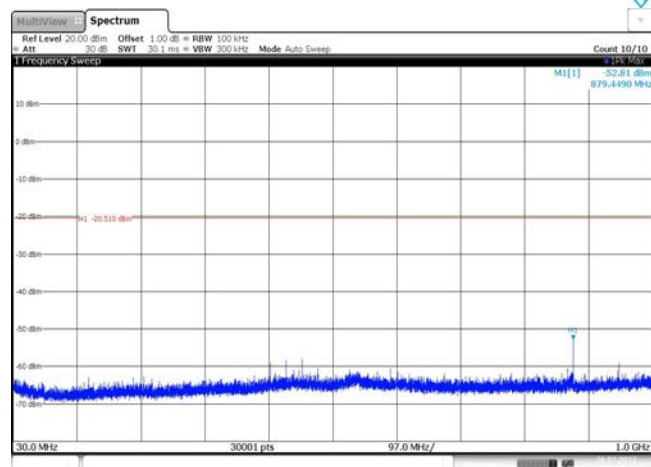


CH78
Reference level



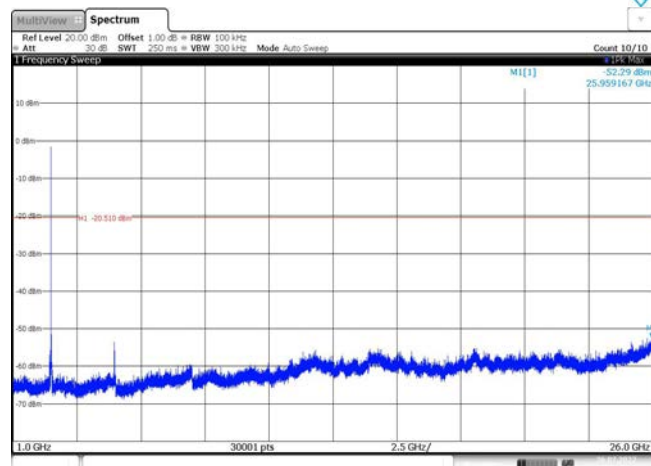
Date: 26 JUL 2022 11:15:25

CH78
30MHz~1000MHz



Date: 26 JUL 2022 11:15:41

CH78
1GHz~26GHz



Date: 26 JUL 2022 11:15:57

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