

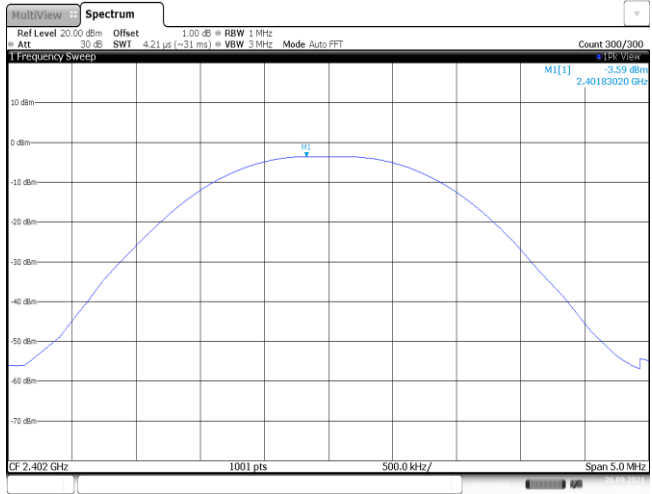
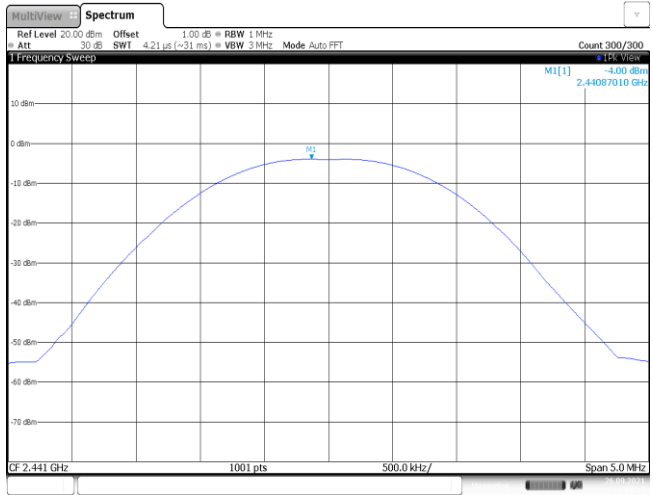
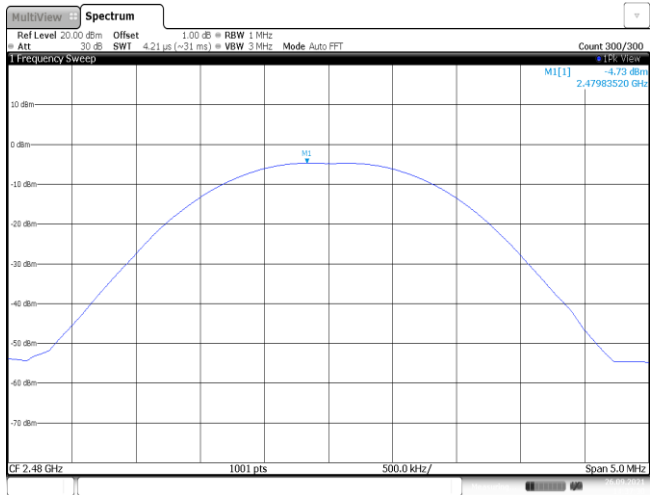
APPENDIX REPORT

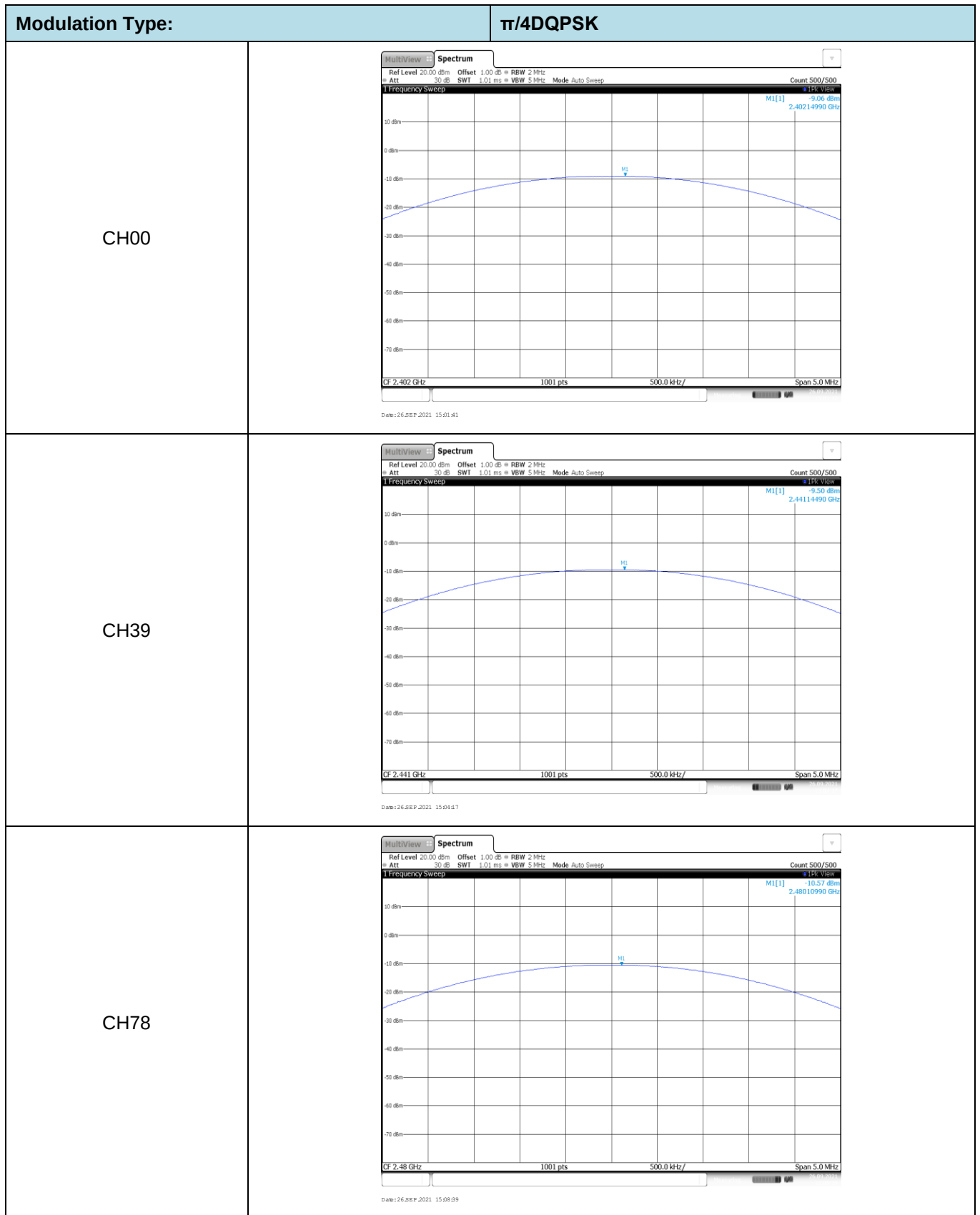
Project No.	SHT2108043802EW	Radio Specification	Bluetooth EDR
Test sample No.	YPHT21080438003	Model No.	VS16340
Start test date	2021-09-26	Finish date	2021-09-26
Temperature	25.9℃	Humidity	32%
Test Engineer	Xiaoqin Li	Auditor	Xiaodong Zhuo

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	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
GFSK	00	-3.59	-5.64	≤ 30.00	Pass
	39	-4.00	-5.84		
	78	-4.73	-6.60		
$\pi/4$ DQPSK	00	-9.06	-12.90	≤ 21.00	Pass
	39	-9.50	-13.26		
	78	-10.57	-14.24		
8DPSK	00	-8.08	-12.28	≤ 21.00	Pass
	39	-8.44	-12.60		
	78	-9.58	-13.80		

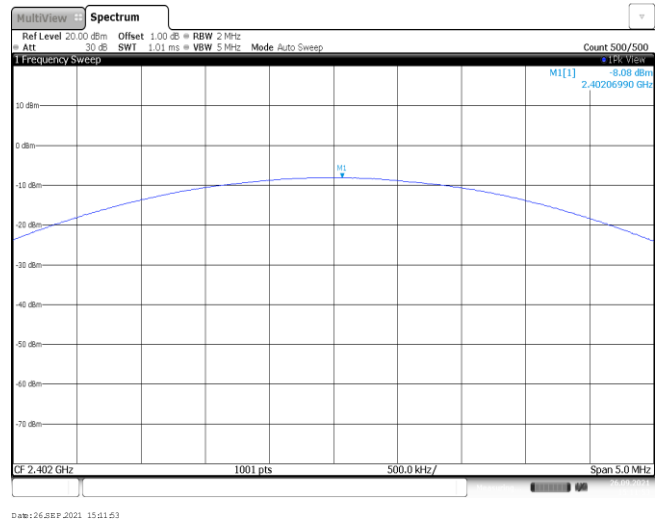
Modulation Type:	GFSK
CH00	 The spectrum plot for CH00 shows a GFSK signal. The frequency span is 5.0 MHz, centered at 2.40183020 GHz. The peak level is -3.59 dBm. The plot includes a grid and a cursor labeled M1 pointing to the peak. The x-axis is labeled 'Frequency Sweep' and the y-axis is labeled 'dBm'. The plot also shows the reference level (20.00 dBm) and the offset (30 dB). The date is 26 SEP 2021 14:20:53.
CH39	 The spectrum plot for CH39 shows a GFSK signal. The frequency span is 5.0 MHz, centered at 2.44087010 GHz. The peak level is -4.00 dBm. The plot includes a grid and a cursor labeled M1 pointing to the peak. The x-axis is labeled 'Frequency Sweep' and the y-axis is labeled 'dBm'. The plot also shows the reference level (20.00 dBm) and the offset (30 dB). The date is 26 SEP 2021 14:24:38.
CH78	 The spectrum plot for CH78 shows a GFSK signal. The frequency span is 5.0 MHz, centered at 2.47983520 GHz. The peak level is -4.73 dBm. The plot includes a grid and a cursor labeled M1 pointing to the peak. The x-axis is labeled 'Frequency Sweep' and the y-axis is labeled 'dBm'. The plot also shows the reference level (20.00 dBm) and the offset (30 dB). The date is 26 SEP 2021 14:27:30.



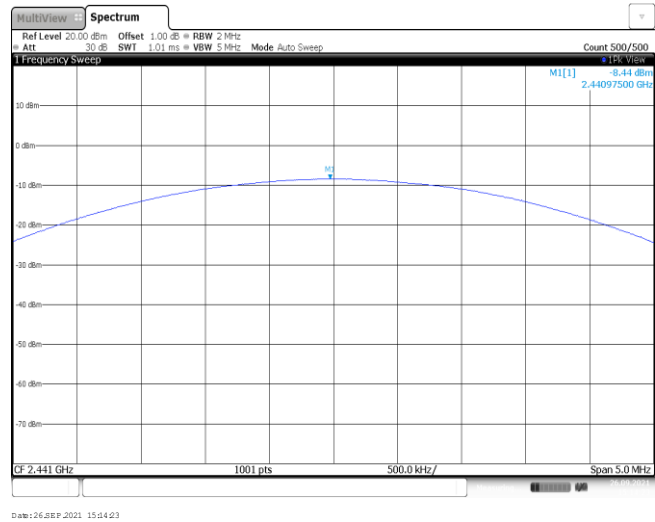
Modulation Type:

8DPSK

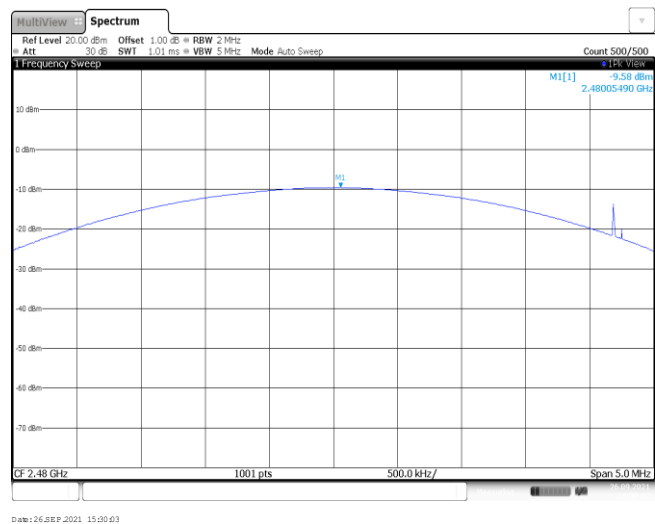
CH00



CH39



CH78



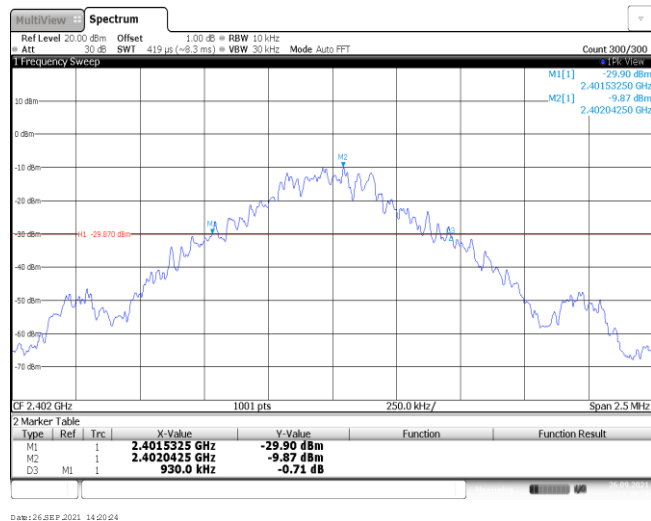
Appendix B : 20 dB Bandwidth

Modulation type	Channel	20 dB Bandwidth (kHz)	Limit (kHz)	Result
GFSK	00	930.00	-	Pass
	39	930.00		
	78	930.00		
$\pi/4$ DQPSK	00	1360.00	-	Pass
	39	1360.00		
	78	1360.00		
8DPSK	00	1345.00	-	Pass
	39	1370.00		
	78	1345.00		

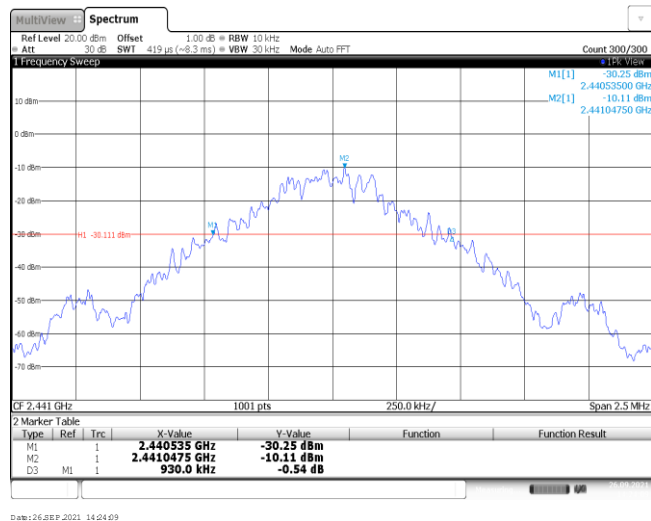
Modulation Type:

GFSK

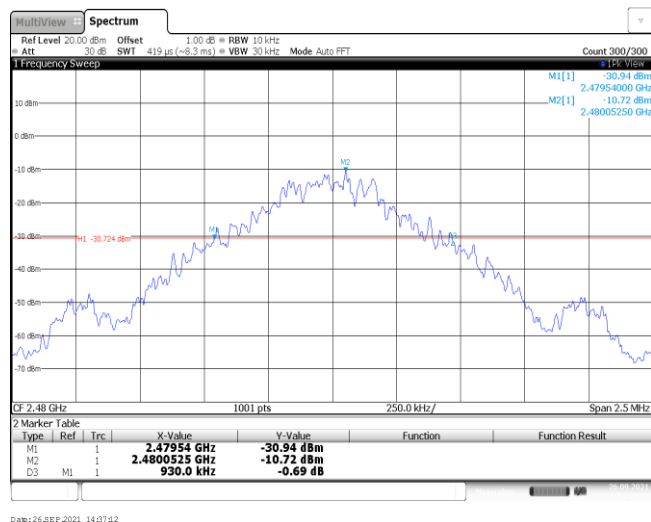
CH00



CH39



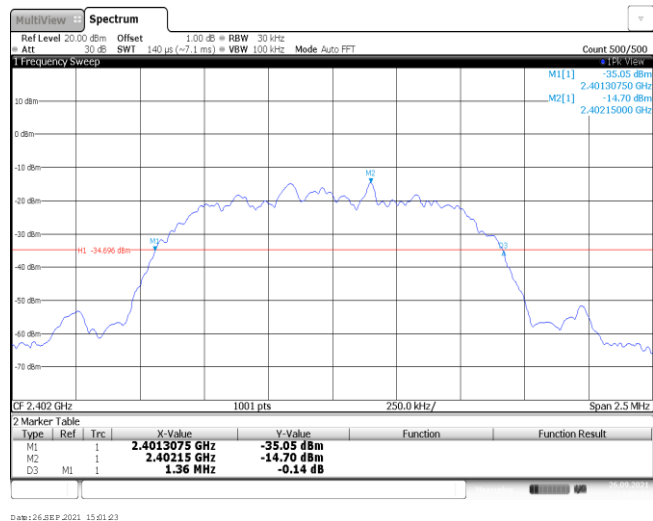
CH78



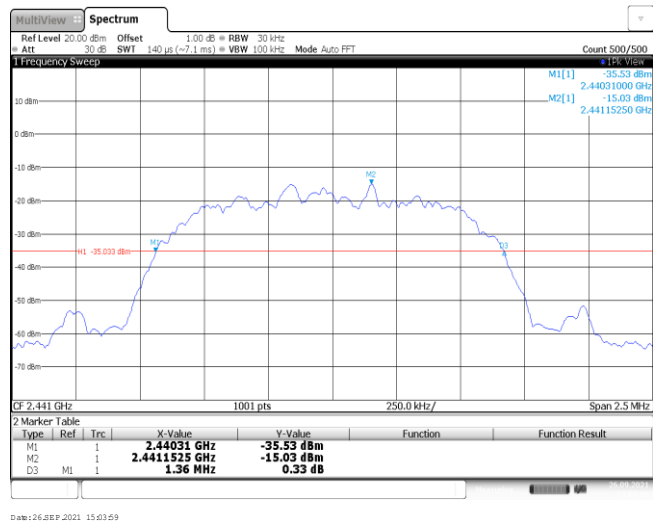
Modulation Type:

 $\pi/4$ DQPSK

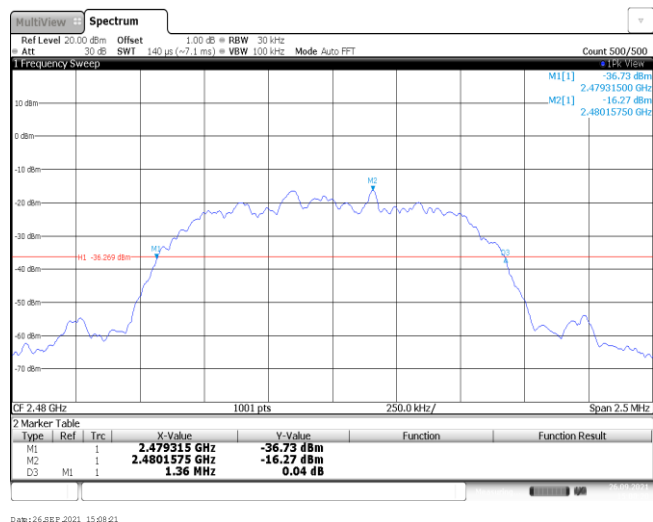
CH00



CH39



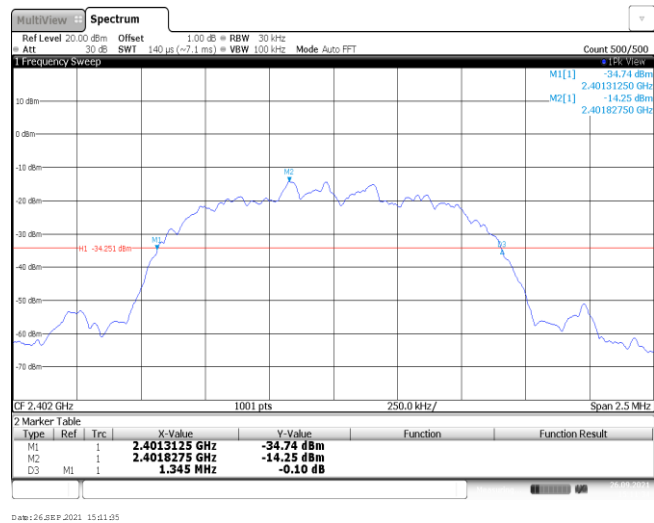
CH78



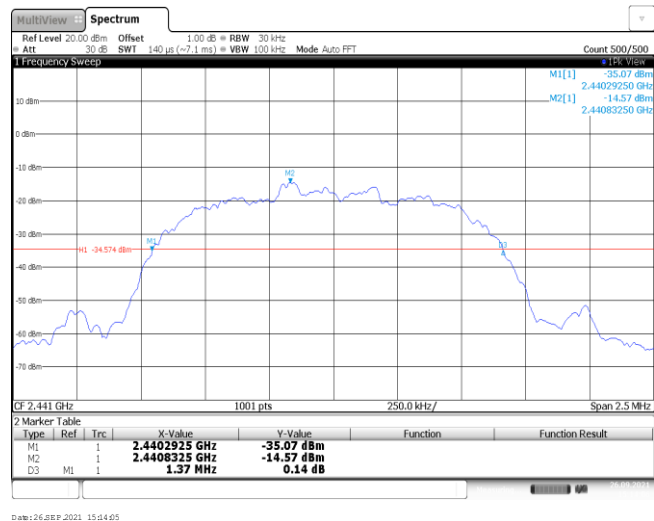
Modulation Type:

8DPSK

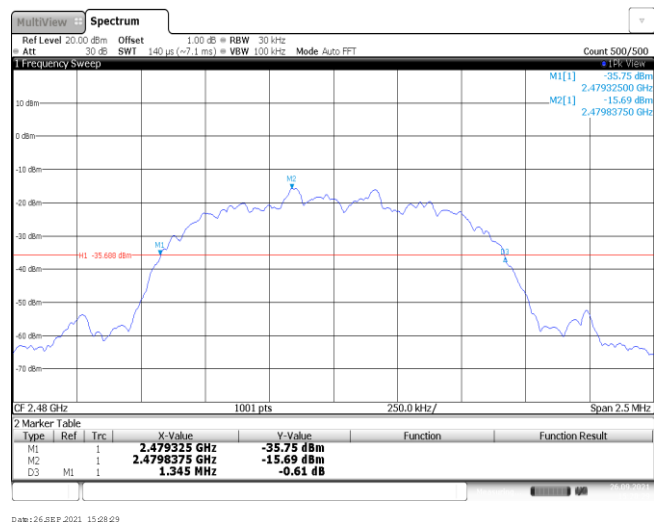
CH00



CH39



CH78



Appendix C: 99% Occupied Bandwidth

Modulation type	Channel	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
GFSK	00	0.92	-	Pass
	39	0.91		
	78	0.91		
$\pi/4$ DQPSK	00	1.21	-	Pass
	39	1.21		
	78	1.21		
8DPSK	00	1.21	-	Pass
	39	1.21		
	78	1.21		

Modulation Type:

GFSK

CH00



Date: 26 SEP 2021 14:20:38

CH39

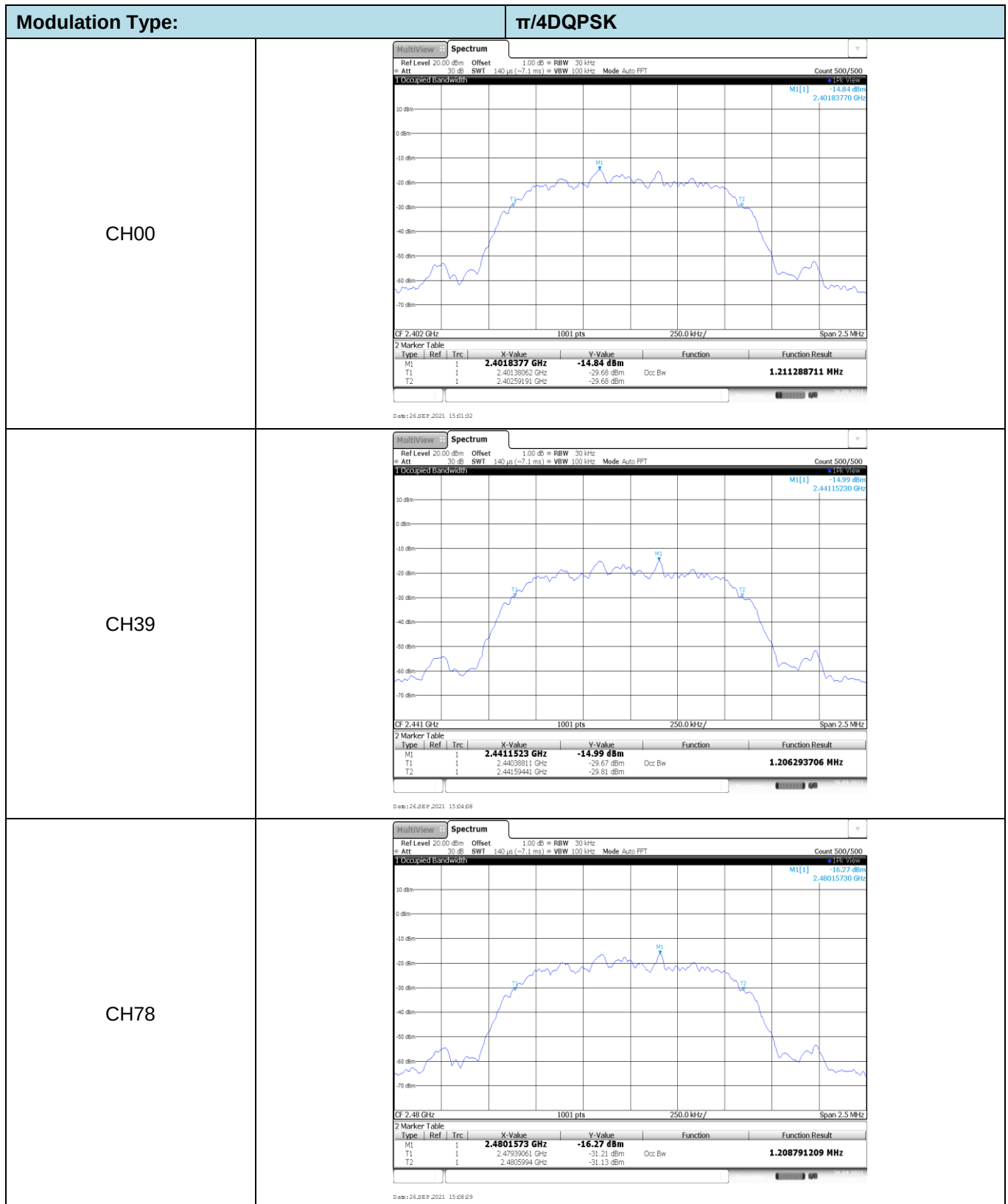


Date: 26 SEP 2021 14:24:23

CH78



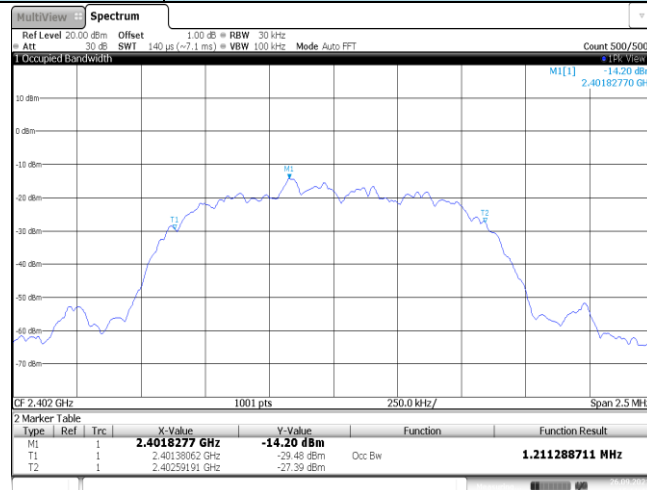
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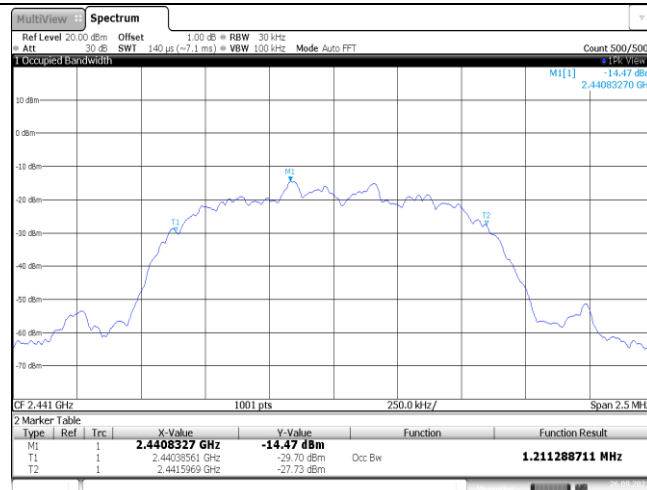
Modulation Type:

8DPSK

CH00



CH39



CH78



Appendix D: Carrier Frequencies Separation

Modulation type	Channel	Carrier Frequencies Separation (MHz)	Limit (kHz) *	Result
GFSK	39	1.00	≥930.00	Pass
π/4DQPSK	39	1.00	≥906.67	Pass
8DPSK	39	1.00	≥913.33	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.

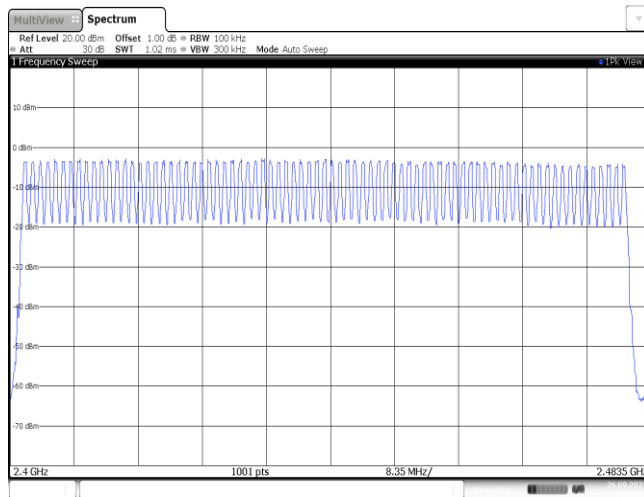
8DPSK limit = 2/3 * The maximum 20 dB Bandwidth for 8DPSK modulation on the appendix B

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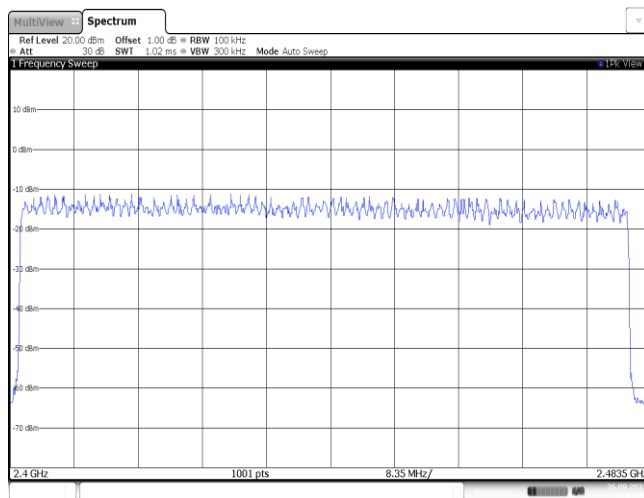
Appendix E: Hopping Channel Number

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

GFSK

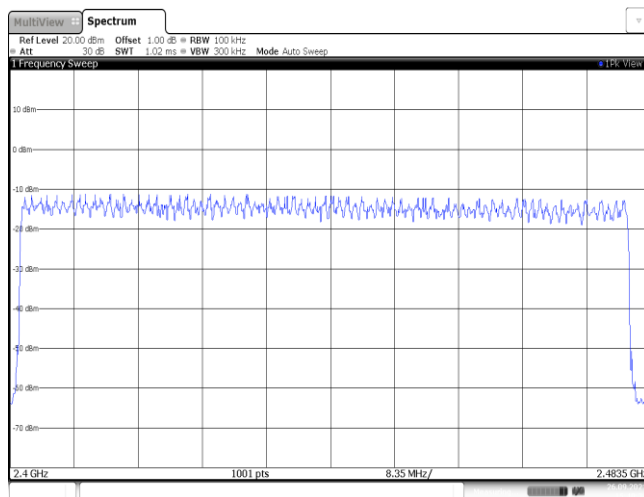


Date: 26 SEP 2021 15:48:04

 $\pi/4$ DQPSK

Date: 26 SEP 2021 15:43:28

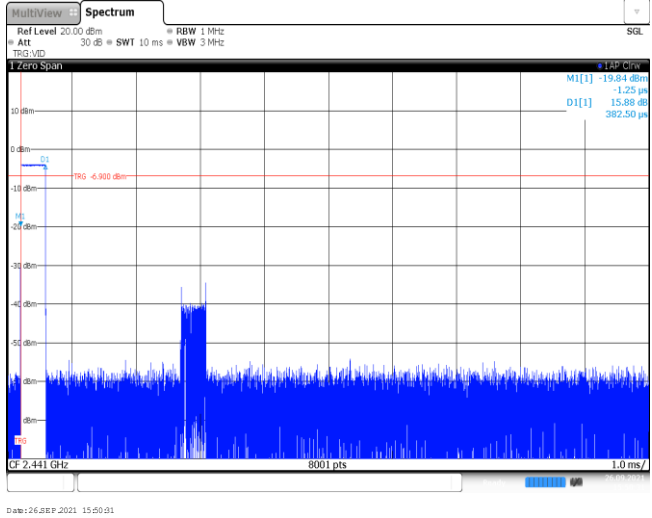
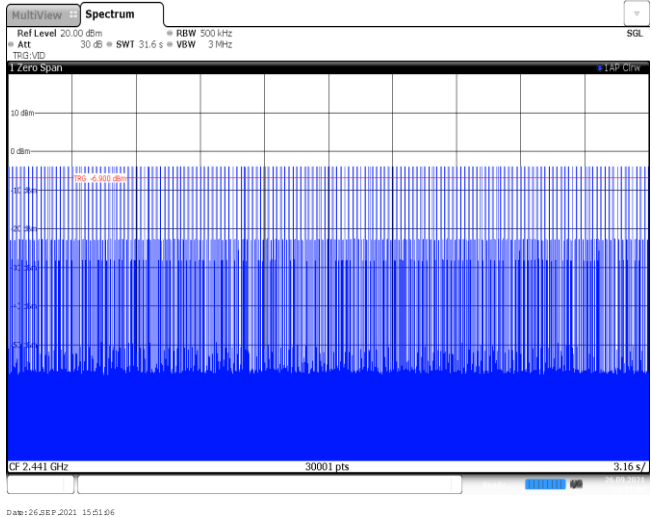
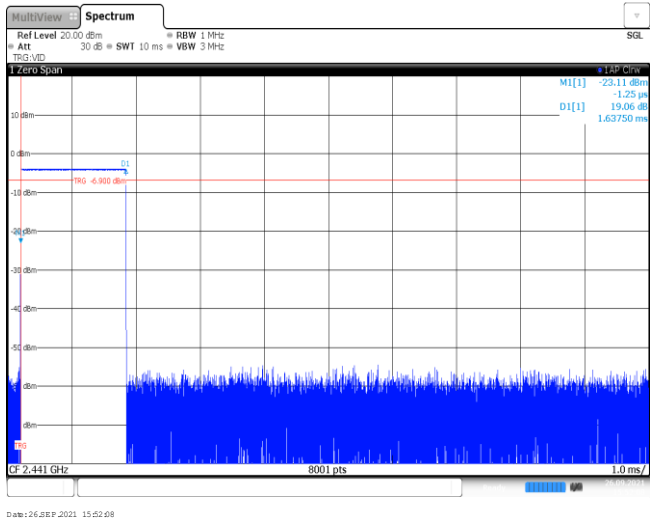
8DPSK



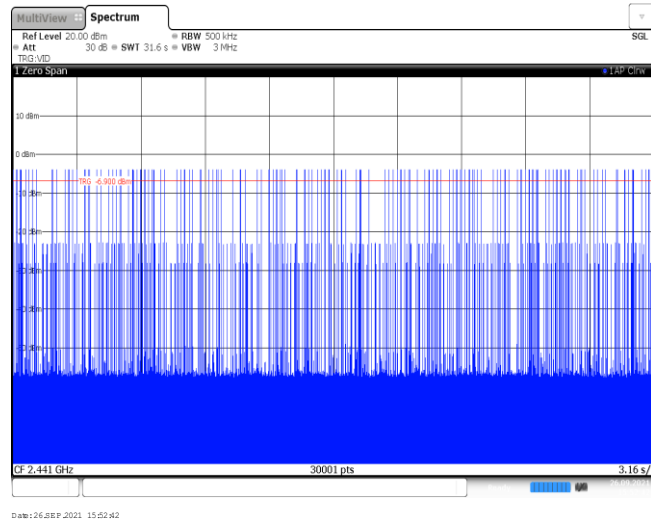
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Appendix F: Dwell Time

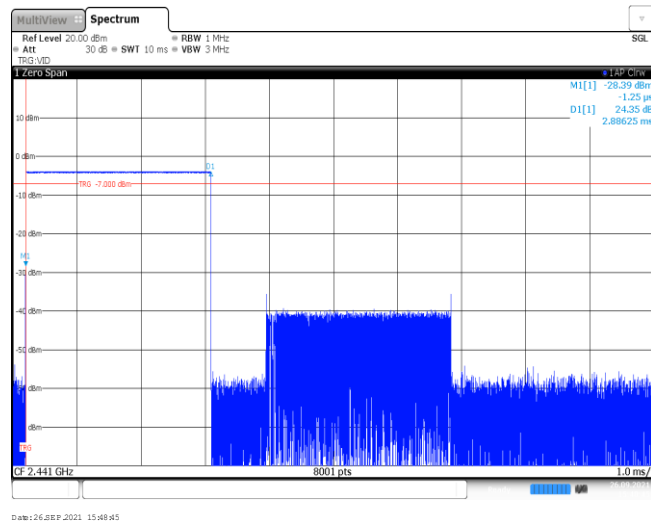
Modulation type	Packet	Burst Width [ms]	Total Hops[hop*ch]	Dwell time (Second)	Limit (Second)	Result
GFSK	DH1	0.38	318	0.12	≤ 0.40	Pass
	DH3	1.64	161	0.26		
	DH5	2.89	120	0.35		
$\pi/4$ DQPSK	2DH1	0.39	317	0.12	≤ 0.40	Pass
	2DH3	1.64	151	0.25		
	2DH5	2.80	118	0.33		
8DPSK	3DH1	0.39	317	0.12	≤ 0.40	Pass
	3DH3	1.64	170	0.28		
	3DH5	2.89	103	0.30		

Modulation Type:	GFSK
DH1 Burst width	 The spectrum plot shows a single burst of signal at 2.441 GHz. 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. A red trace line is set at -4.900 dBm. The plot shows a sharp peak at the center frequency, with a bandwidth of approximately 1 MHz. The signal is identified as M1[1] with a power of -19.84 dBm and a duration of 1.25 µs. The data is identified as D1[1] with a power of 15.88 dB and a duration of 382.50 µs. The plot is titled 'Spectrum' and '1 Zero Span'. The date is 26 SEP 2021 15:50:01.
DH1 Burst number	 The spectrum plot shows a continuous burst of signal at 2.441 GHz. 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. A red trace line is set at -4.900 dBm. The plot shows a continuous signal with a bandwidth of approximately 1 MHz. The signal is identified as M1[1] with a power of -23.11 dBm and a duration of 1.25 µs. The data is identified as D1[1] with a power of 19.06 dB and a duration of 1.63750 ms. The plot is titled 'Spectrum' and '1 Zero Span'. The date is 26 SEP 2021 15:51:06.
DH3 Burst width	 The spectrum plot shows a single burst of signal at 2.441 GHz. 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. A red trace line is set at -4.900 dBm. The plot shows a sharp peak at the center frequency, with a bandwidth of approximately 1 MHz. The signal is identified as M1[1] with a power of -23.11 dBm and a duration of 1.25 µs. The data is identified as D1[1] with a power of 19.06 dB and a duration of 1.63750 ms. The plot is titled 'Spectrum' and '1 Zero Span'. The date is 26 SEP 2021 15:52:08.

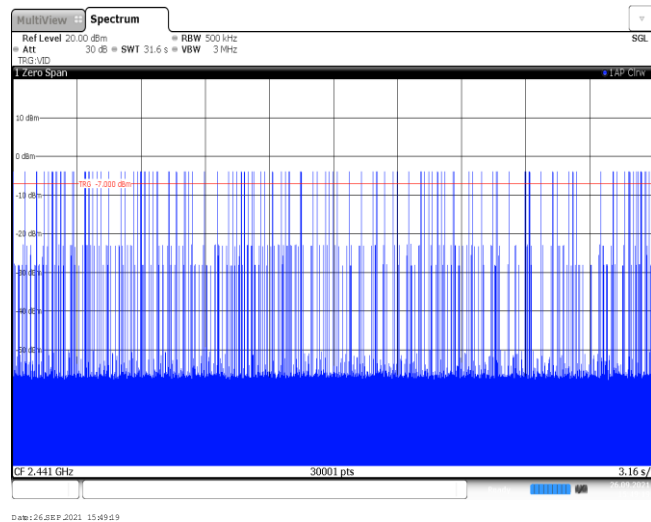
DH3
Burst number

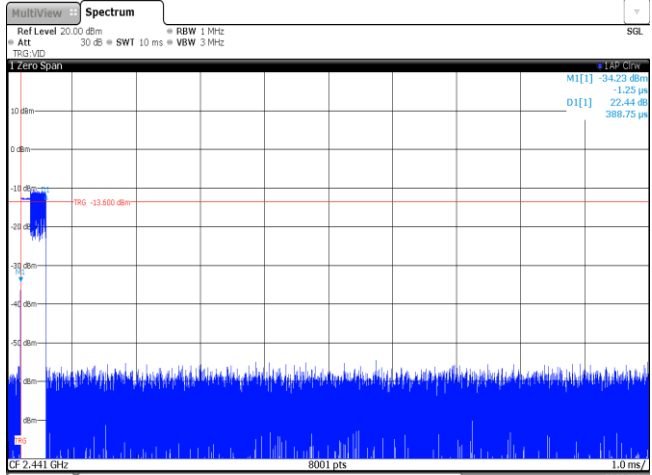
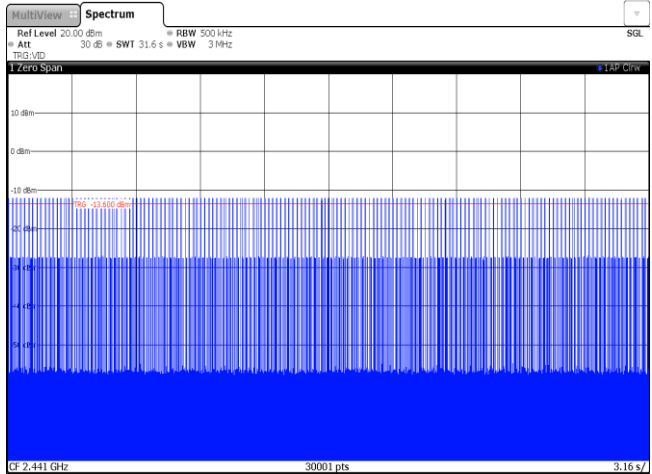
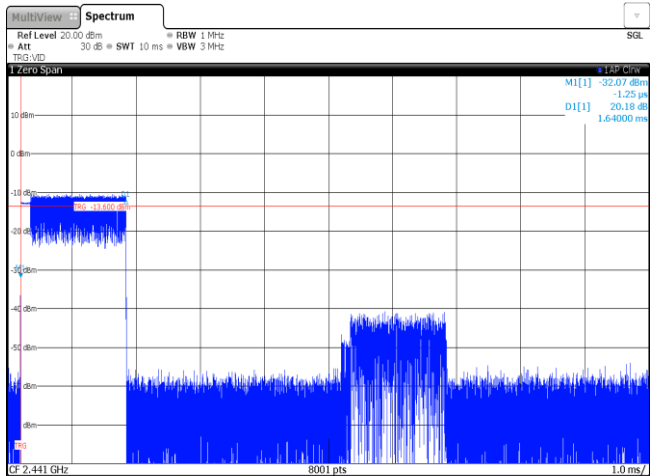


DH5
Burst width

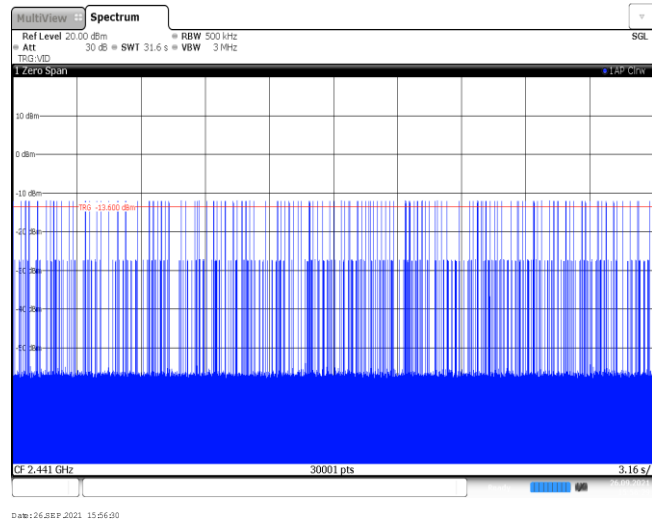


DH5
Burst number

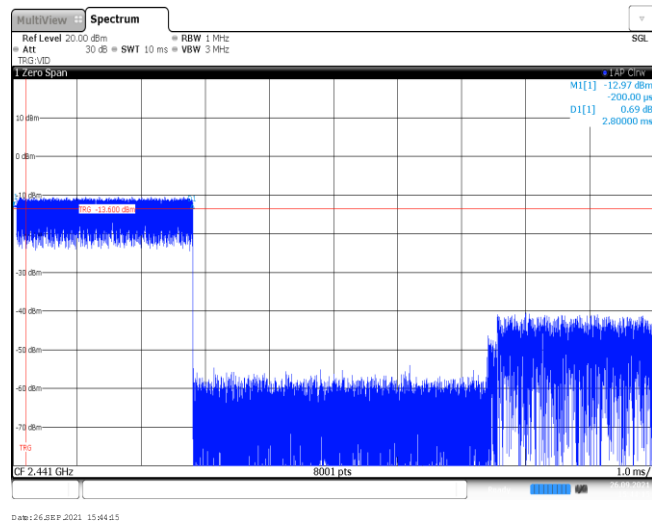


Modulation Type:	$\pi/4$ DQPSK
2DH1 Burst width	 The spectrum plot shows a single burst of signal at 2.441 GHz. The y-axis represents power in dBm, ranging from -60 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. A red horizontal line indicates the noise floor at -13.400 dBm. 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 26 SEP 2021 15:54:07.
2DH1 Burst number	 The spectrum plot shows multiple bursts of signal at 2.441 GHz. 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. A red horizontal line indicates the noise floor at -13.400 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 26 SEP 2021 15:55:11.
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 -60 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. A red horizontal line indicates the noise floor at -13.400 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 26 SEP 2021 15:55:55.

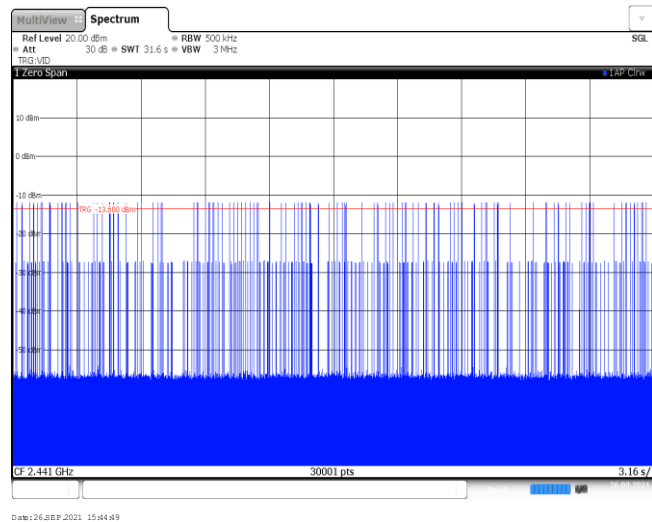
2DH3
Burst number

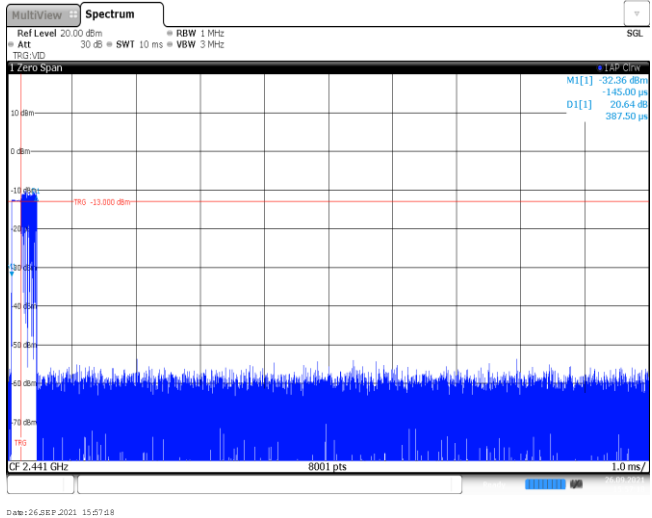
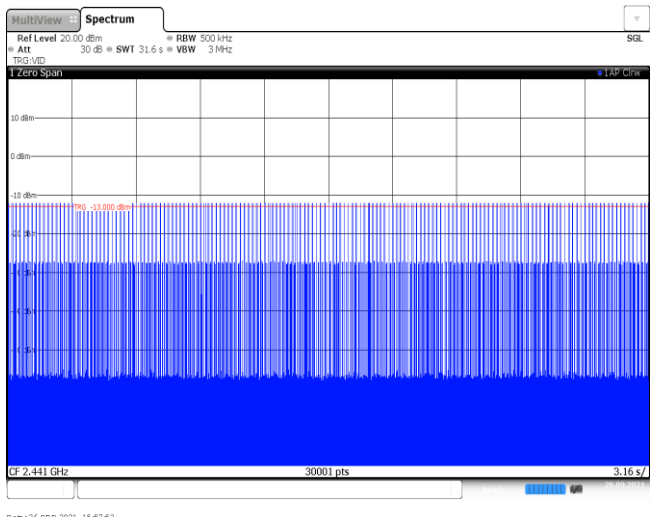
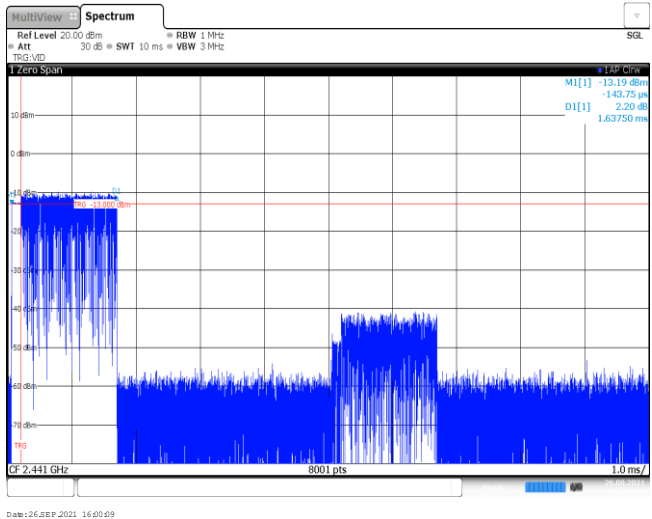


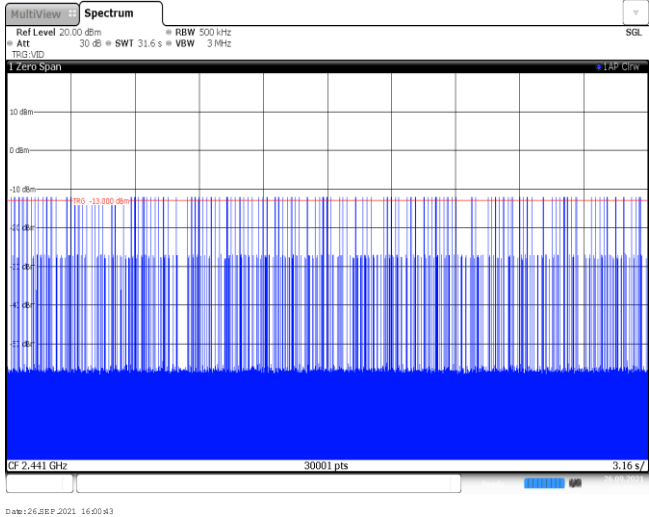
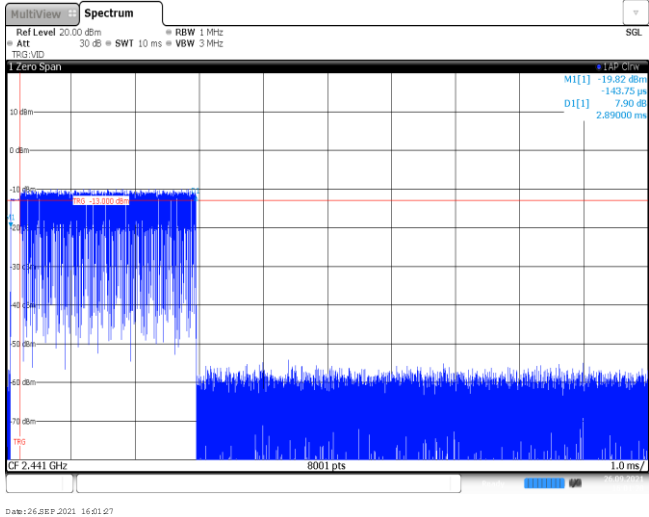
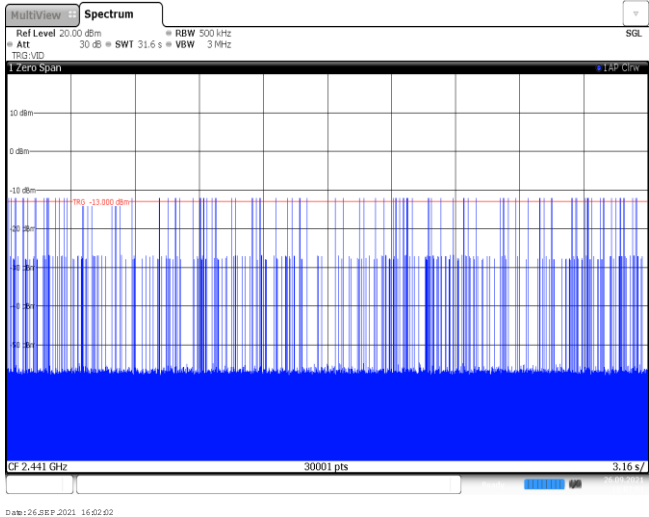
2DH5
Burst width



2DH5
Burst number



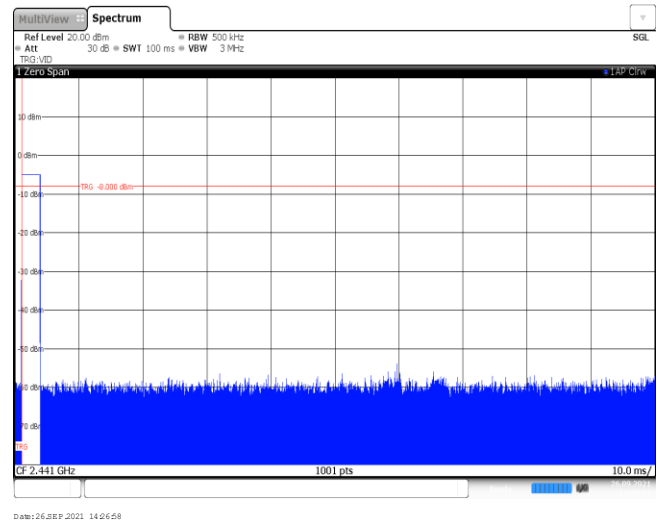
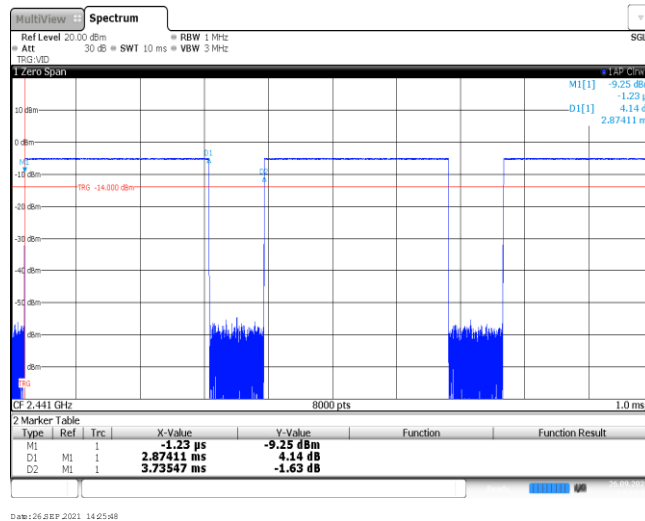
Modulation Type:	8DPSK
3DH1 Burst width	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 1.0 ms. The y-axis represents power in dBm, ranging from -80 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. A red line indicates the signal level at -13.00 dBm. The plot shows a burst of signal at the beginning, followed by a period of low power. The signal is identified as 3DH1.
3DH1 Burst number	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 3.16 s. The y-axis represents power in dBm, ranging from -80 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. A red line indicates the signal level at -13.00 dBm. The plot shows a continuous burst of signal across the entire time range. The signal is identified as 3DH1.
3DH3 Burst width	 The spectrum plot shows a signal at 2.441 GHz with a bandwidth of 1.0 ms. The y-axis represents power in dBm, ranging from -80 to 10. The x-axis represents frequency in MHz, ranging from 2.440 to 2.442. A red line indicates the signal level at -13.00 dBm. The plot shows a burst of signal at the beginning, followed by a period of low power. The signal is identified as 3DH3.

3DH3 Burst number	 The screenshot shows a spectrum analyzer interface with the title 'Spectrum'. The y-axis represents power in dBm, ranging from -10 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. A red horizontal line is drawn at -10.00 dBm. The plot shows a dense, noisy signal across the entire frequency range. The status bar at the bottom indicates 'CF 2.441 GHz', '30001 pts', and '3.16 s'. The date and time are 'Date: 26 SEP 2021 16:00:43'.
3DH5 Burst width	 The screenshot shows a spectrum analyzer interface with the title 'Spectrum'. The y-axis represents power in dBm, ranging from -10 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. A red horizontal line is drawn at -10.00 dBm. The plot shows a burst of signal that starts at approximately 2.441 GHz and ends at approximately 2.442 GHz. The status bar at the bottom indicates 'CF 2.441 GHz', '8001 pts', and '1.0 ms'. The date and time are 'Date: 26 SEP 2021 16:01:27'.
3DH5 Burst number	 The screenshot shows a spectrum analyzer interface with the title 'Spectrum'. The y-axis represents power in dBm, ranging from -10 to 10. The x-axis represents frequency in GHz, centered at 2.441 GHz. A red horizontal line is drawn at -10.00 dBm. The plot shows a dense, noisy signal across the entire frequency range. The status bar at the bottom indicates 'CF 2.441 GHz', '30001 pts', and '3.16 s'. The date and time are 'Date: 26 SEP 2021 16:02:02'.

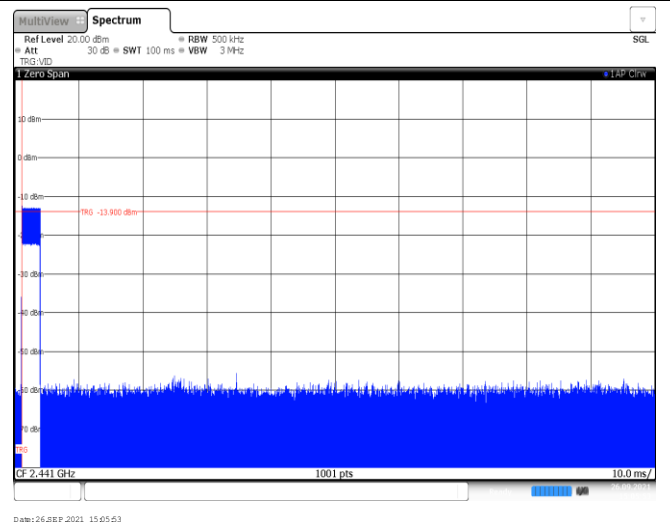
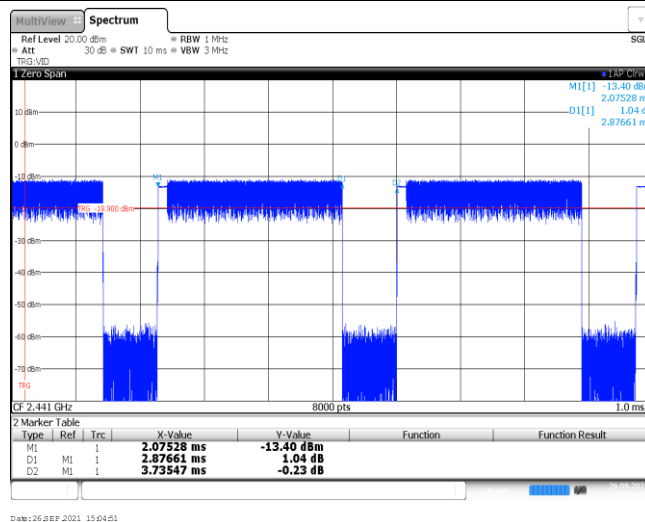
Appendix G: Duty Cycle Correction Factor (DCCF)

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	2.87	100	1	-30.84
$\pi/4$ DQPSK	2441	2.88	100	1	-30.81
8DPSK	2441	2.88	100	2	-24.79

GFSK

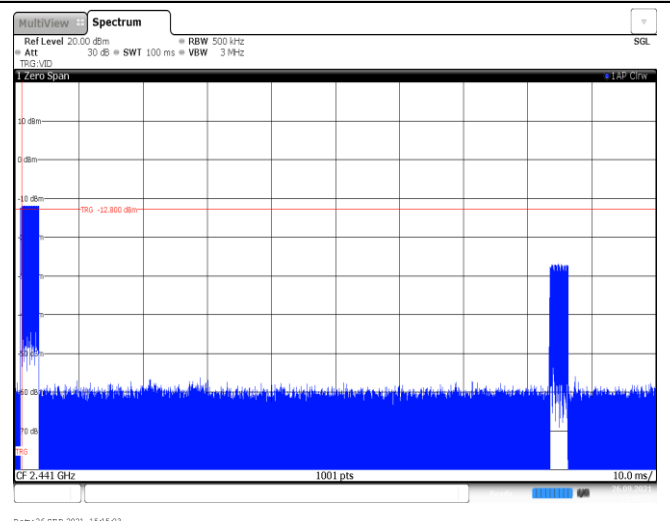
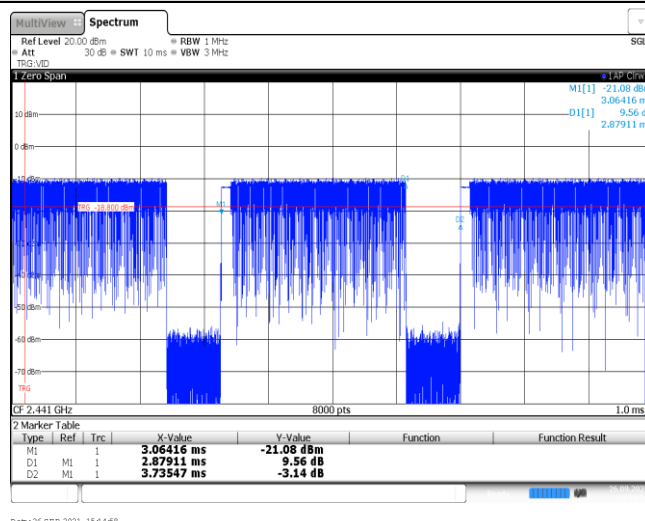
T_{on} time for single burst

Burst Quantity

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

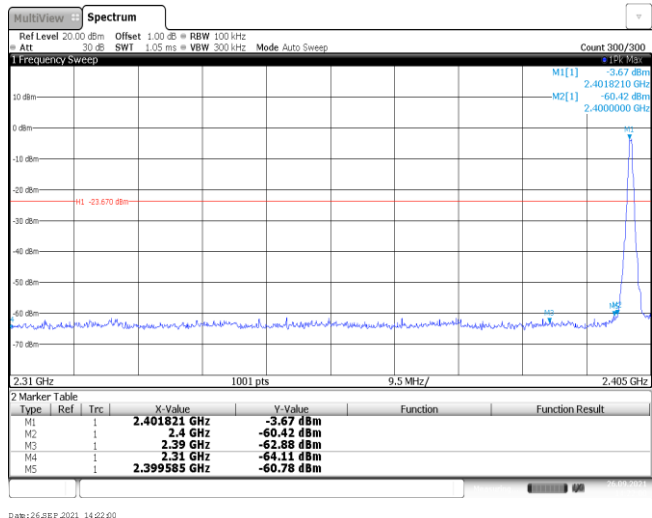
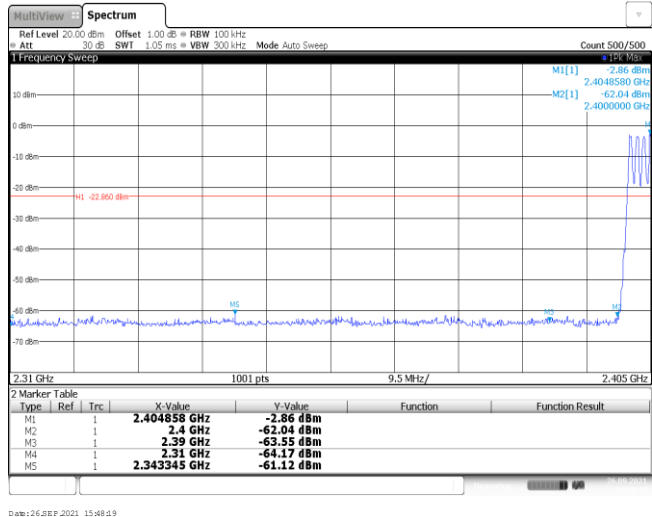
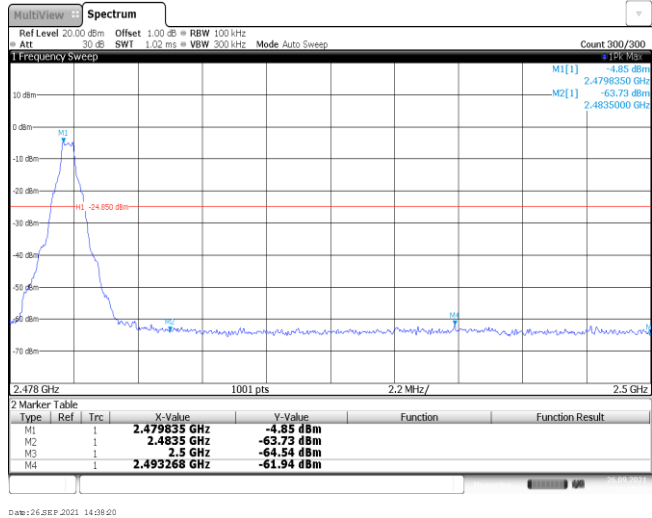
Burst Quantity

8DPSK

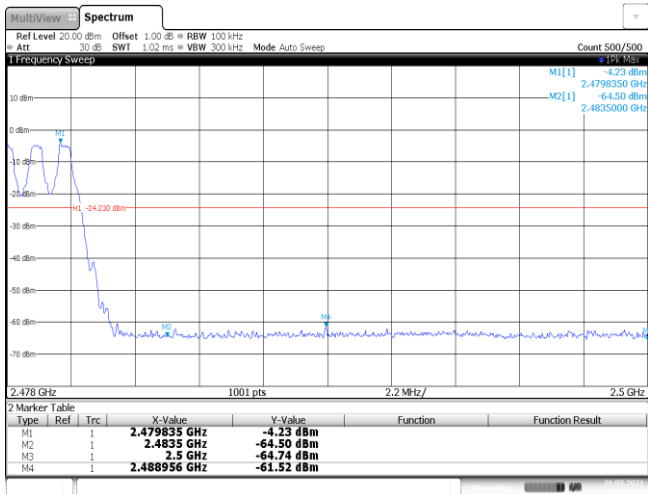
T_{on} time for single burst

Burst Quantity

Appendix H: Band edge and Spurious Emissions (conducted)

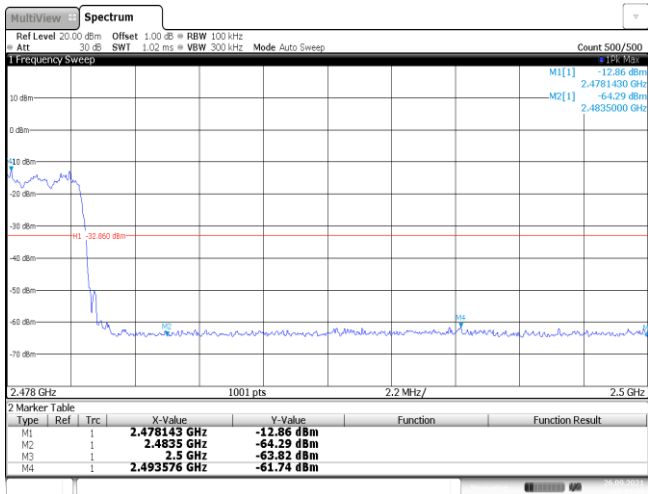
Test Item:	Band edge	Modulation type:	GFSK																																										
CH00 No hopping mode	 2 Marker Table <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.401821 GHz</td><td>-3.67 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-60.42 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-62.88 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-64.11 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399585 GHz</td><td>-60.78 dBm</td><td></td><td></td></tr></table> Date: 26.SEP.2021 14:22:00	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.401821 GHz	-3.67 dBm			M2	1		2.4 GHz	-60.42 dBm			M3	1		2.39 GHz	-62.88 dBm			M4	1		2.31 GHz	-64.11 dBm			M5	1		2.399585 GHz	-60.78 dBm				
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.401821 GHz	-3.67 dBm																																									
M2	1		2.4 GHz	-60.42 dBm																																									
M3	1		2.39 GHz	-62.88 dBm																																									
M4	1		2.31 GHz	-64.11 dBm																																									
M5	1		2.399585 GHz	-60.78 dBm																																									
CH00 Hopping mode	 2 Marker Table <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>2.404858 GHz</td><td>-2.86 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-62.04 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-63.55 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>2.343345 GHz</td><td>-61.12 dBm</td><td></td><td></td></tr></table> Date: 26.SEP.2021 15:48:19	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404858 GHz	-2.86 dBm			M2	1		2.4 GHz	-62.04 dBm			M3	1		2.39 GHz	-63.55 dBm			M4	1		2.31 GHz	-64.17 dBm			M5	1		2.343345 GHz	-61.12 dBm				
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.404858 GHz	-2.86 dBm																																									
M2	1		2.4 GHz	-62.04 dBm																																									
M3	1		2.39 GHz	-63.55 dBm																																									
M4	1		2.31 GHz	-64.17 dBm																																									
M5	1		2.343345 GHz	-61.12 dBm																																									
CH78 No hopping mode	 2 Marker Table <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>-4.85 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-63.73 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-64.54 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.493268 GHz</td><td>-61.94 dBm</td><td></td><td></td></tr></table> Date: 26.SEP.2021 14:38:20	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479835 GHz	-4.85 dBm			M2	1		2.4835 GHz	-63.73 dBm			M3	1		2.5 GHz	-64.54 dBm			M4	1		2.493268 GHz	-61.94 dBm											
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.479835 GHz	-4.85 dBm																																									
M2	1		2.4835 GHz	-63.73 dBm																																									
M3	1		2.5 GHz	-64.54 dBm																																									
M4	1		2.493268 GHz	-61.94 dBm																																									

CH78
Hopping mode



Test Item:	Band edge	Modulation type:	$\pi/4$ DQPSK
CH00 No hopping mode	<		

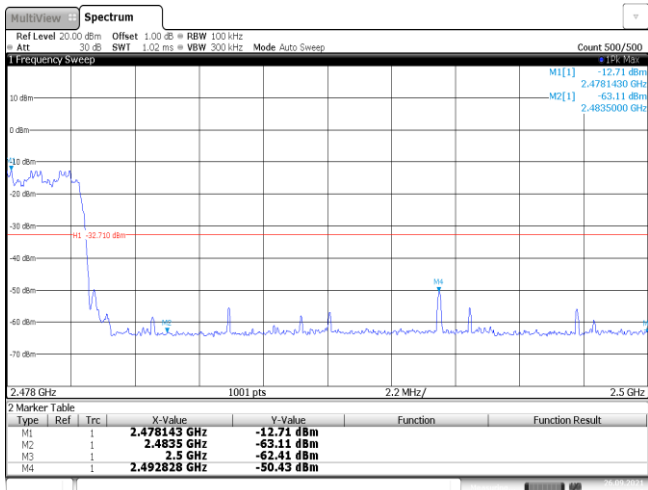
CH78
Hopping mode

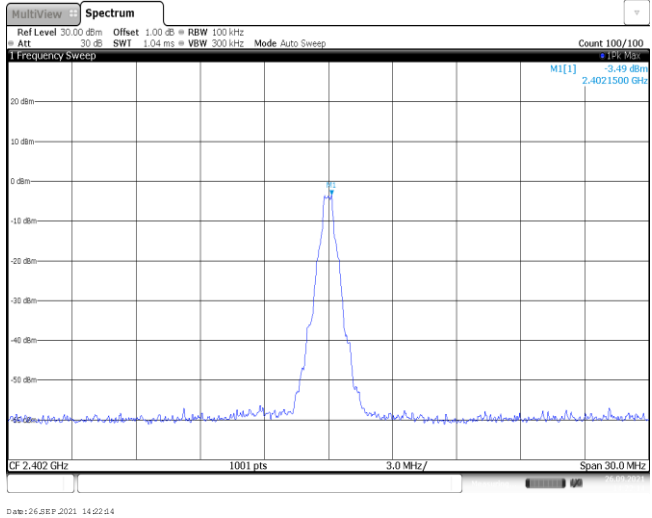
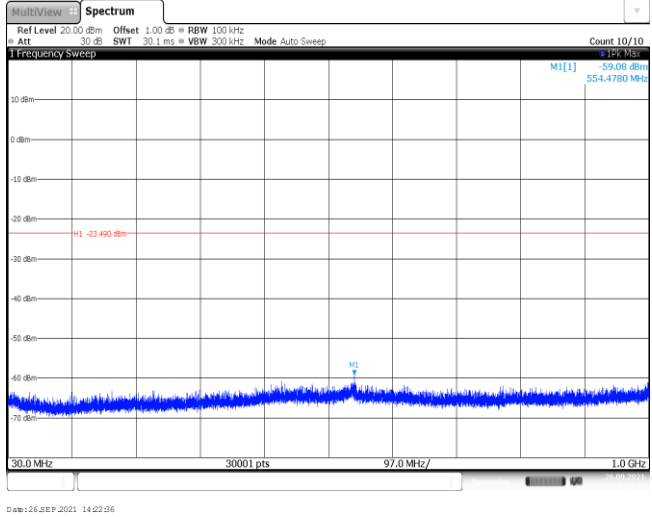
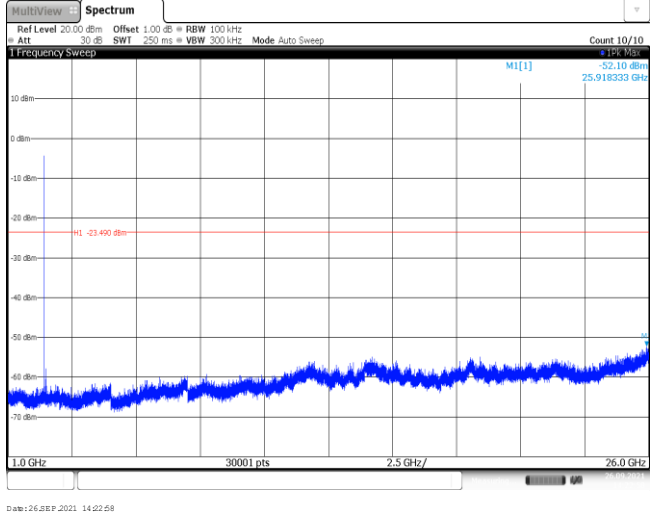


Date: 26 SEP 2021 15:46:29

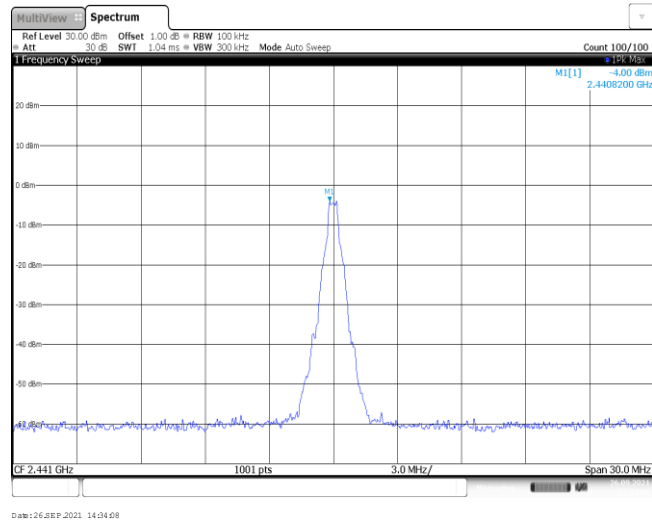
Test Item:	Band edge	Modulation type:	8DPSK																																										
CH00 No hopping mode	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SW 1.05 ms VBW 300 kHz Mode Auto Sweep Count 500/500 Frequency Sweep M1[1] -11.17 dBm 2.401821 GHz M2[1] -62.26 dBm 2.400000 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz 2 Marker Table <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>-11.17 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-62.26 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-62.80 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.92 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.323585 GHz</td><td>-61.60 dBm</td><td></td><td></td></tr></table> Date: 26.SEP.2021 15:22:26			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.401821 GHz	-11.17 dBm			M2	1		2.4 GHz	-62.26 dBm			M3	1		2.39 GHz	-62.80 dBm			M4	1		2.31 GHz	-63.92 dBm			M5	1		2.323585 GHz	-61.60 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.401821 GHz	-11.17 dBm																																									
M2	1		2.4 GHz	-62.26 dBm																																									
M3	1		2.39 GHz	-62.80 dBm																																									
M4	1		2.31 GHz	-63.92 dBm																																									
M5	1		2.323585 GHz	-61.60 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] -11.39 dBm 2.404098 GHz M2[1] -63.27 dBm 2.400000 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 2.31 GHz 1001 pts 9.5 MHz/ 2.405 GHz 2 Marker Table <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>2.404098 GHz</td><td>-11.39 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-63.27 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-63.89 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-64.06 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.35997 GHz</td><td>-60.99 dBm</td><td></td><td></td></tr></table> Date: 26.SEP.2021 15:41:04			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404098 GHz	-11.39 dBm			M2	1		2.4 GHz	-63.27 dBm			M3	1		2.39 GHz	-63.89 dBm			M4	1		2.31 GHz	-64.06 dBm			M5	1		2.35997 GHz	-60.99 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.404098 GHz	-11.39 dBm																																									
M2	1		2.4 GHz	-63.27 dBm																																									
M3	1		2.39 GHz	-63.89 dBm																																									
M4	1		2.31 GHz	-64.06 dBm																																									
M5	1		2.35997 GHz	-60.99 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] -12.73 dBm 2.479835 GHz M2[1] -64.34 dBm 2.483500 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 2.478 GHz 1001 pts 2.2 MHz/ 2.5 GHz 2 Marker Table <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>-12.73 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-64.34 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-62.43 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.49329 GHz</td><td>-61.53 dBm</td><td></td><td></td></tr></table> Date: 26.SEP.2021 15:29:01			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.479835 GHz	-12.73 dBm			M2	1		2.4835 GHz	-64.34 dBm			M3	1		2.5 GHz	-62.43 dBm			M4	1		2.49329 GHz	-61.53 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.479835 GHz	-12.73 dBm																																									
M2	1		2.4835 GHz	-64.34 dBm																																									
M3	1		2.5 GHz	-62.43 dBm																																									
M4	1		2.49329 GHz	-61.53 dBm																																									

CH78
Hoppig mode

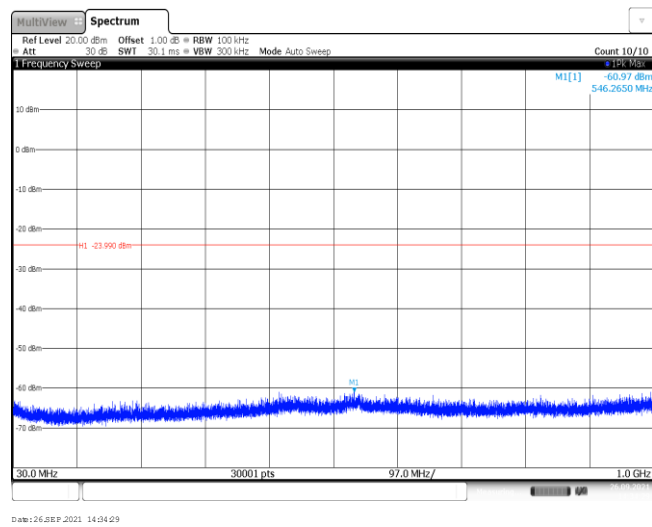


Test Item:	Spurious Emission	Modulation type:	GFSK
CH00 Reference level			
CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

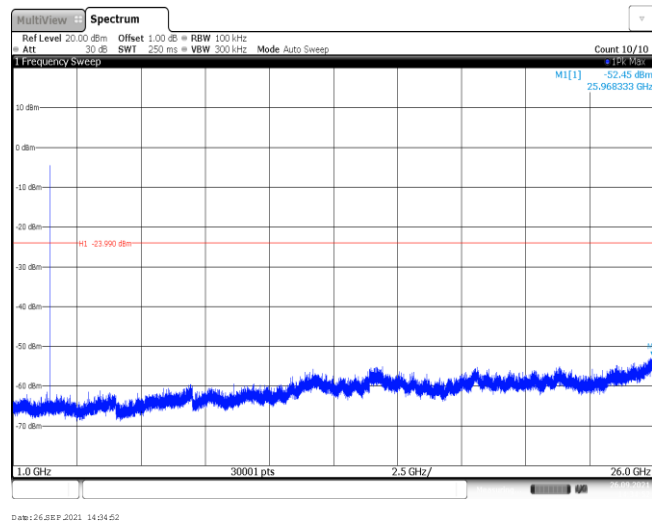
CH39
Reference level



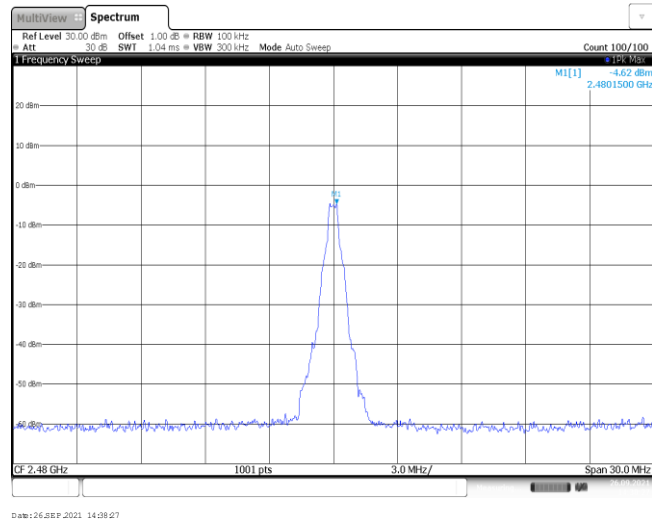
CH39
30MHz~1000MHz



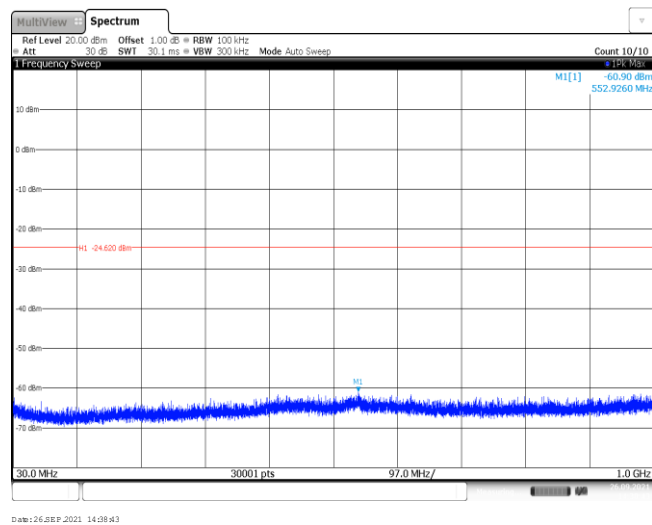
CH39
1GHz~26GHz



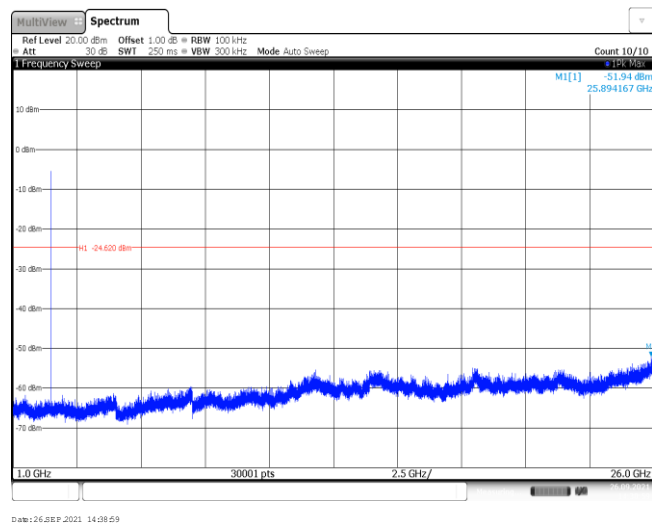
CH78
Reference level

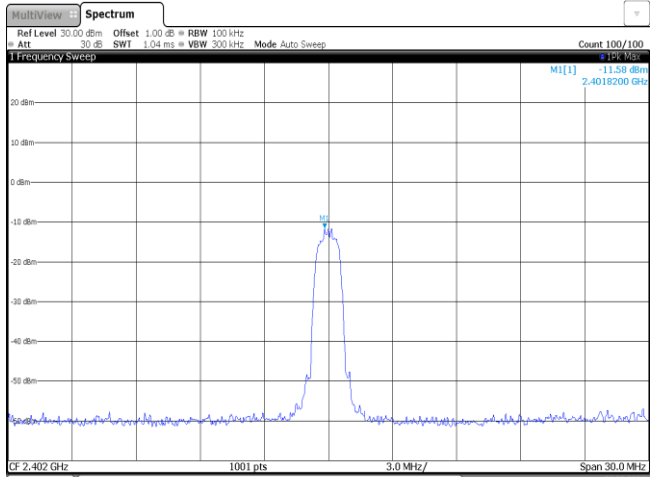
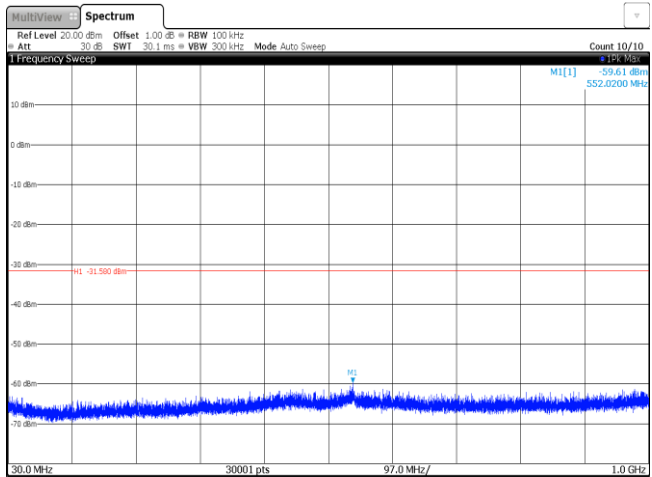
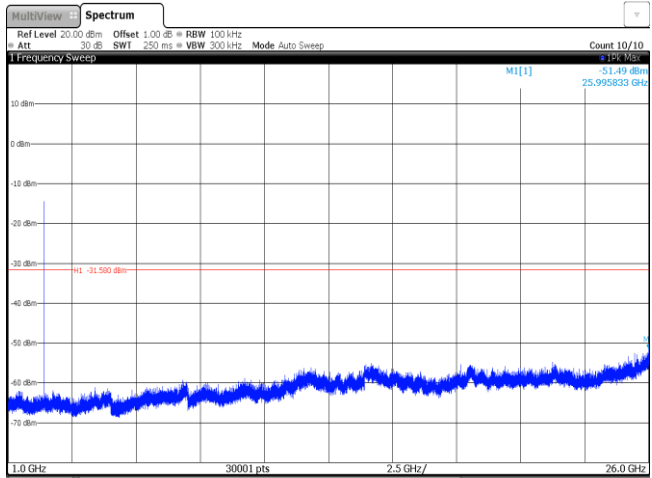


CH78
30MHz~1000MHz

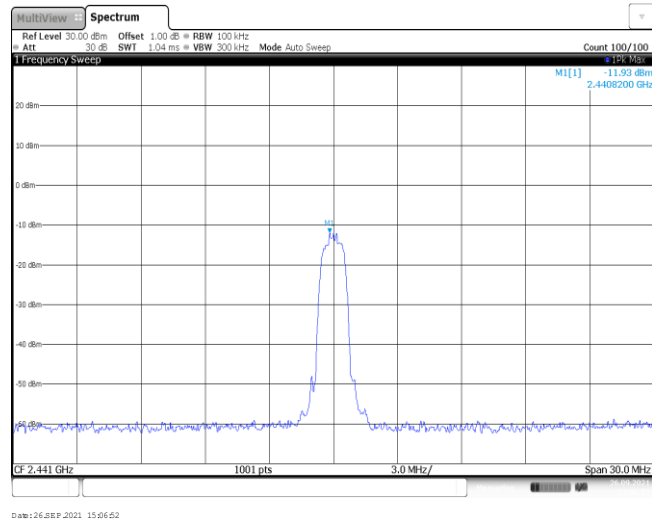


CH78
1GHz~26GHz

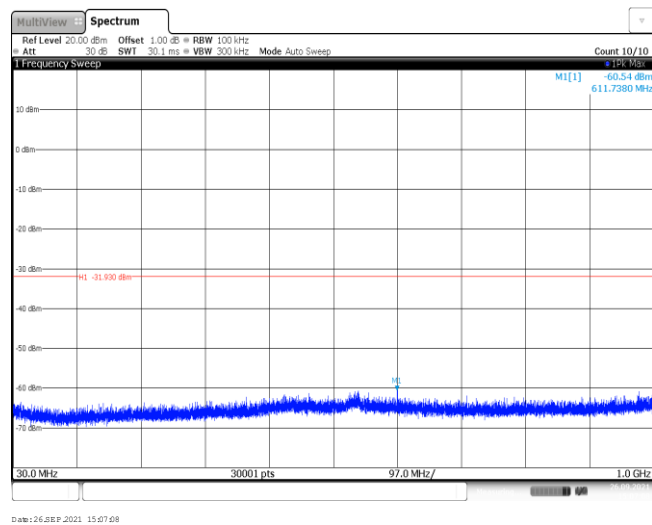


Test Item:	Spurious Emission	Modulation type:	$\pi/4$ DQPSK
CH00 Reference level	 Ref Level 30.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 M1[1] -11.58 dBm 2.4016200 GHz CF 2.402 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 26.SEP.2021 15:02:20		
CH00 30MHz~1000MHz	 Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -59.61 dBm 552.0200 MHz M1 -31.580 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 26.SEP.2021 15:02:46		
CH00 1GHz~26GHz	 Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -51.49 dBm 25.995833 GHz M1 -31.580 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 26.SEP.2021 15:03:03		

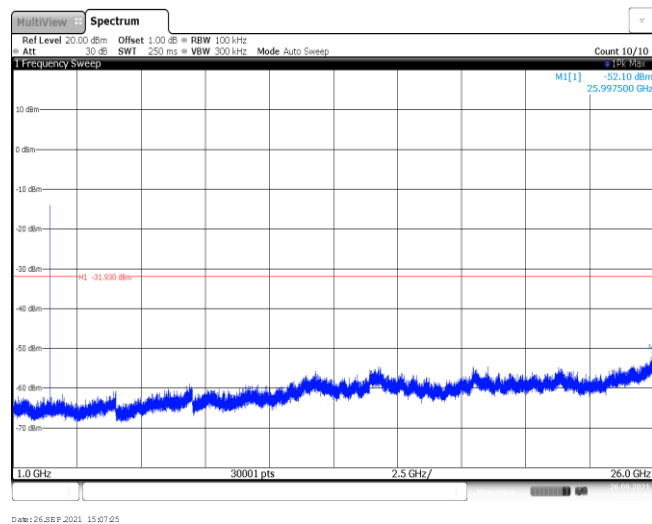
CH39
Reference level



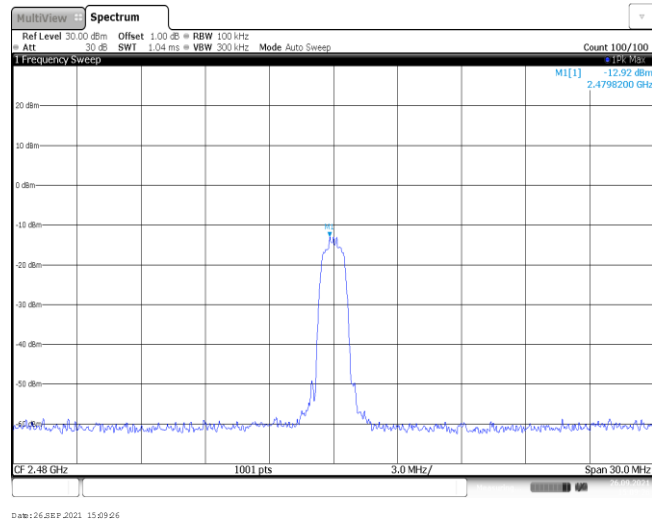
CH39
30MHz~1000MHz



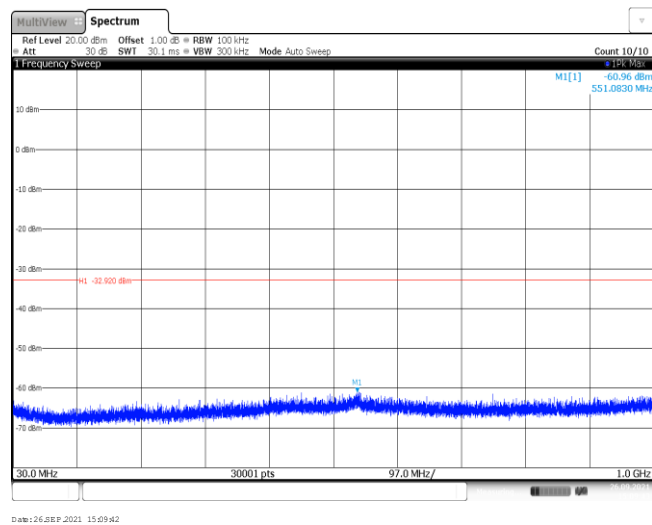
CH39
1GHz~26GHz



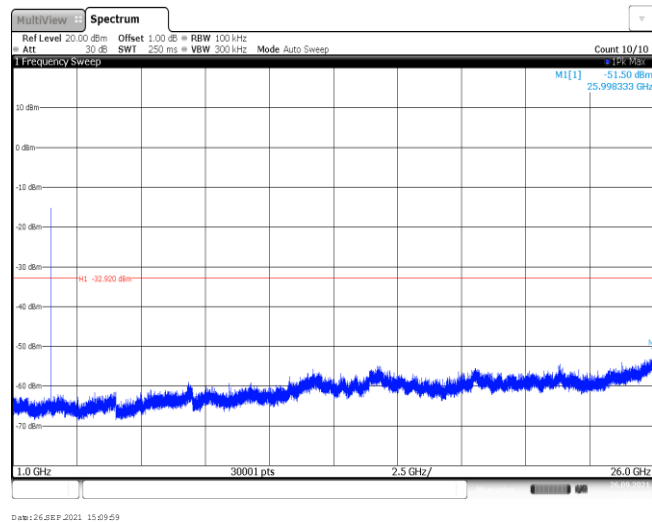
CH78
Reference level

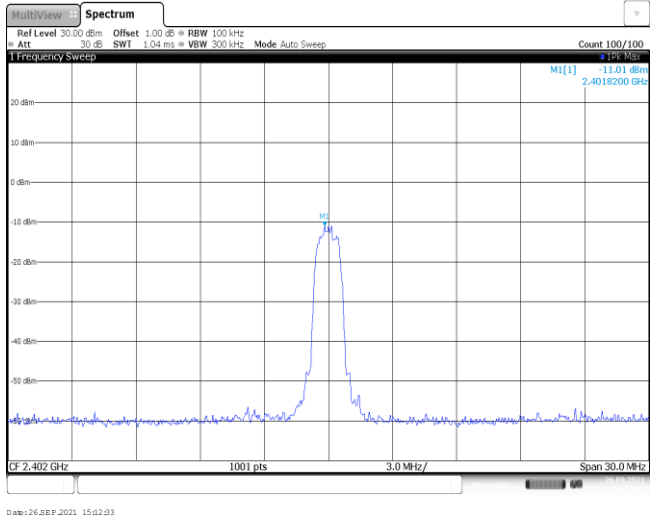
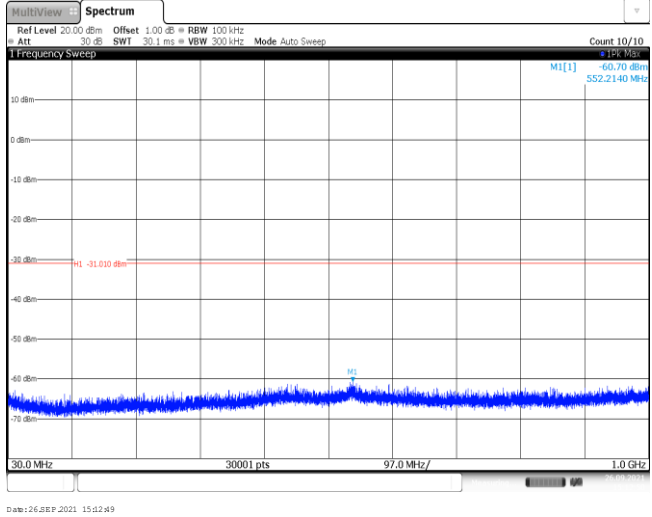
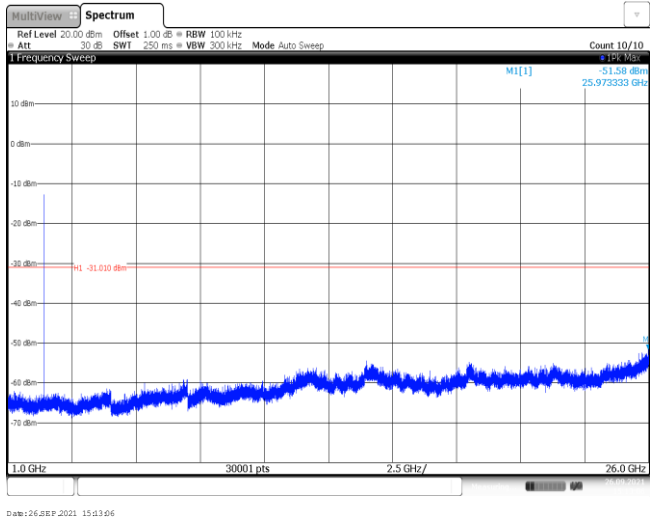


CH78
30MHz~1000MHz

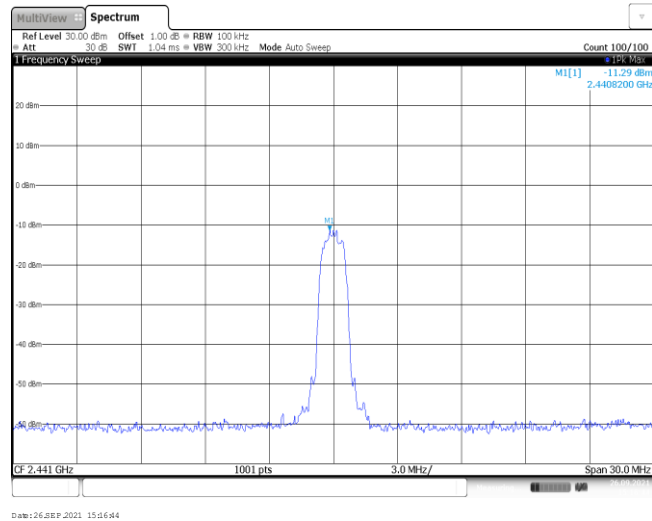


CH78
1GHz~26GHz

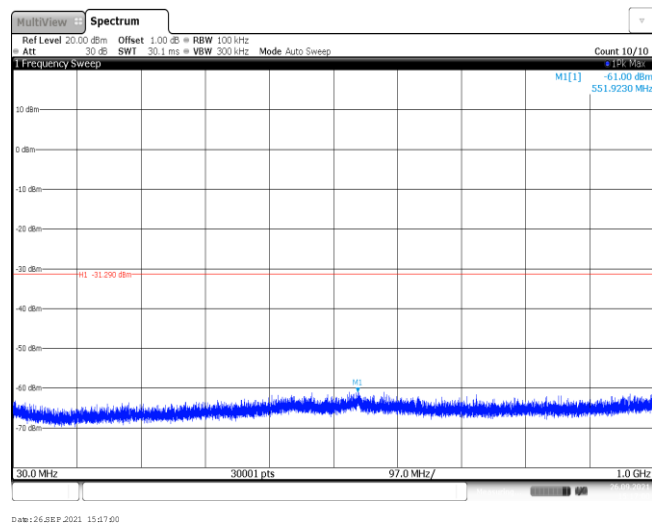


Test Item:	Spurious Emission	Modulation type:	8DPSK
CH00 Reference level			
CH00 30MHz~1000MHz			
CH00 1GHz~26GHz			

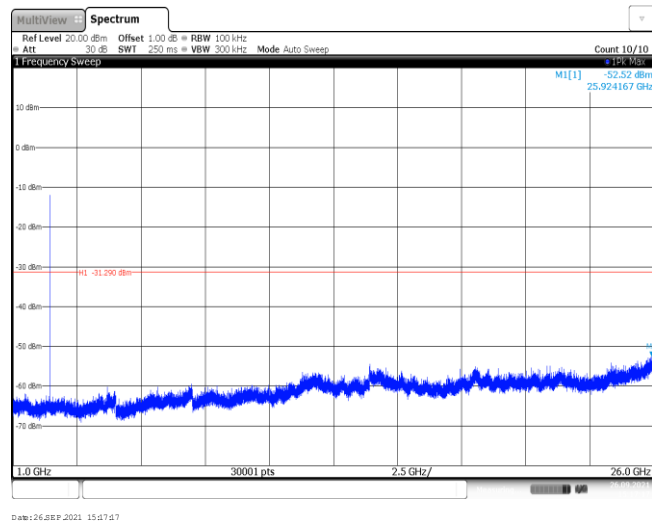
CH39
Reference level

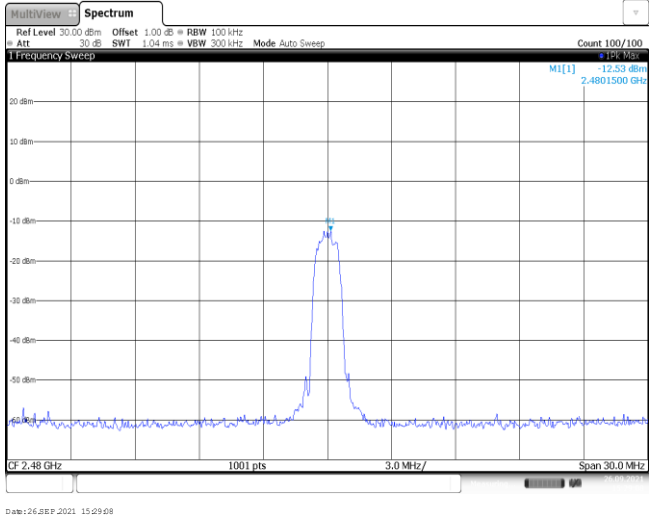
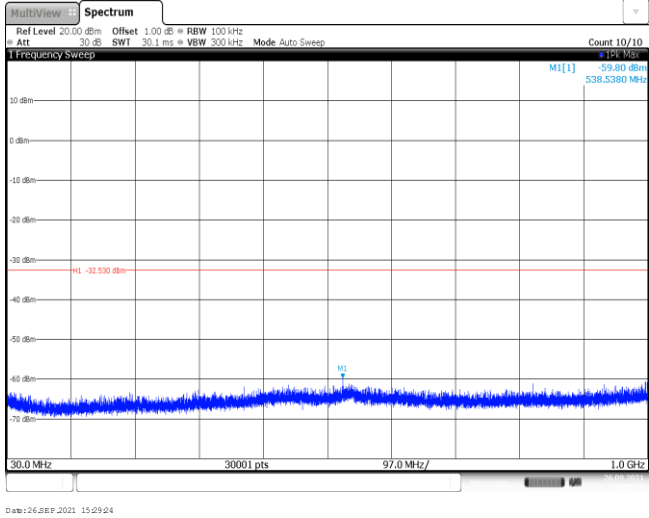
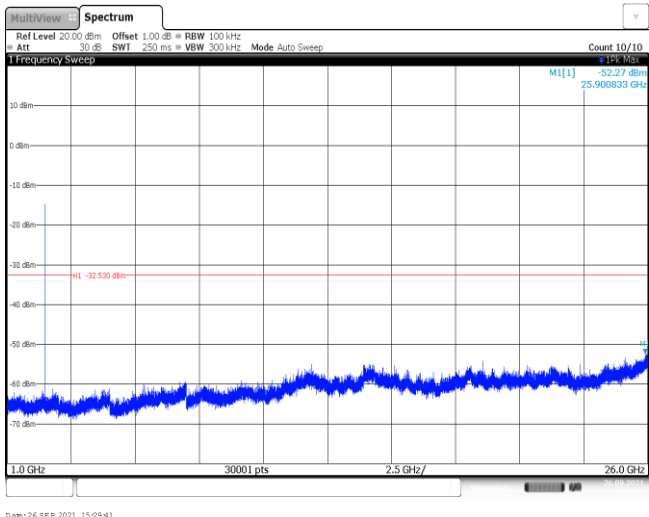


CH39
30MHz~1000MHz



CH39
1GHz~26GHz



CH78 Reference level	
CH78 30MHz~1000MHz	
CH78 1GHz~26GHz	

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