PUSCH	
低頻道	
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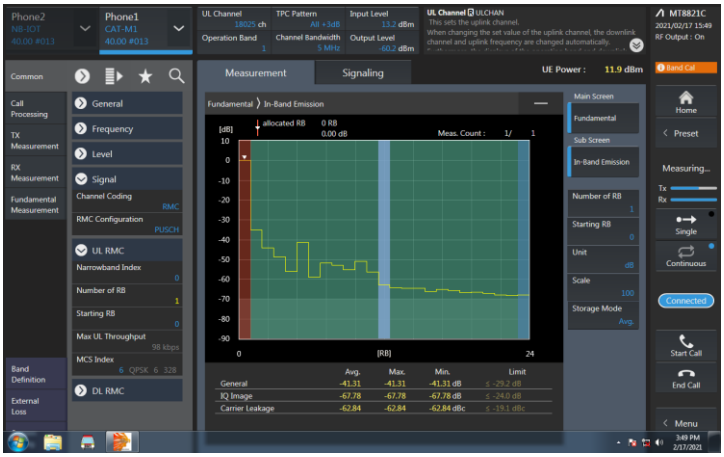	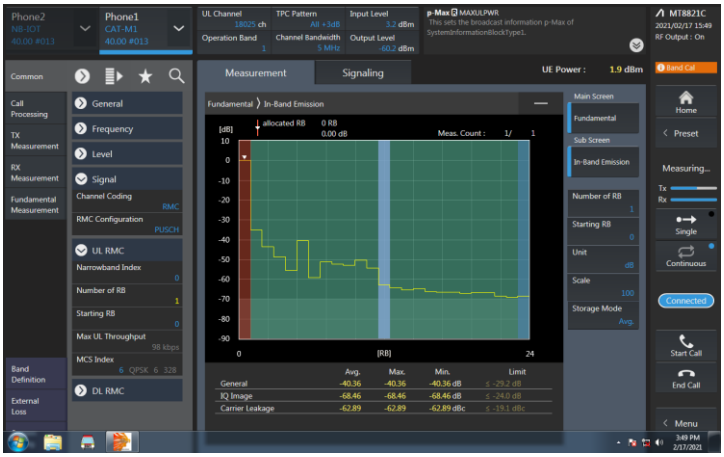
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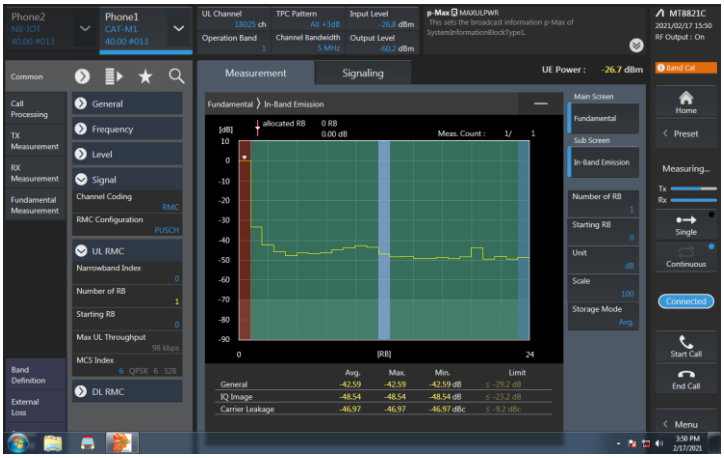	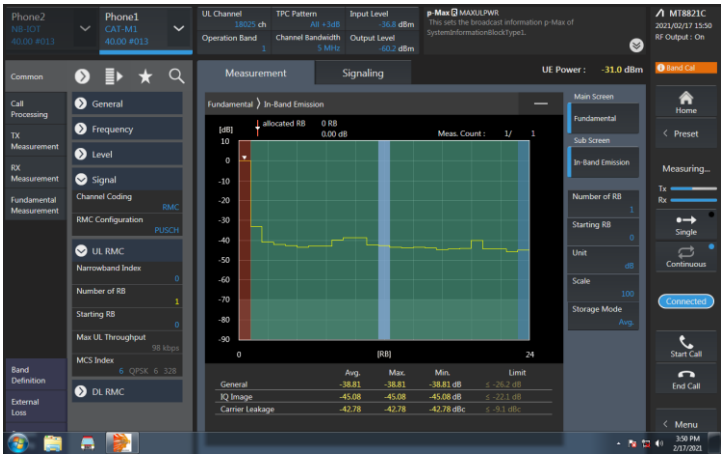

PUSCH	
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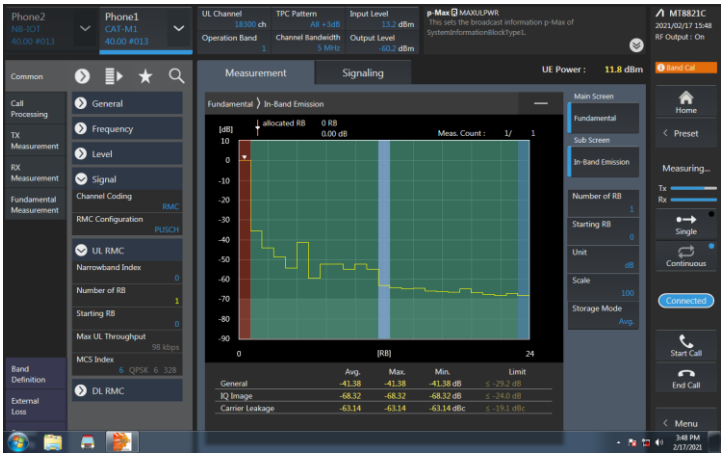	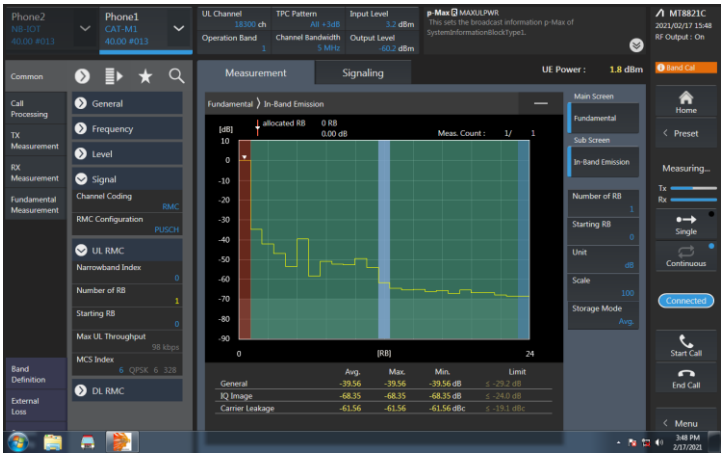
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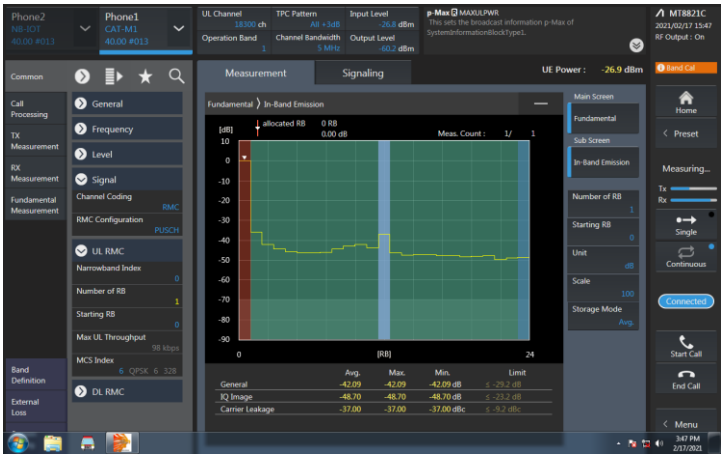	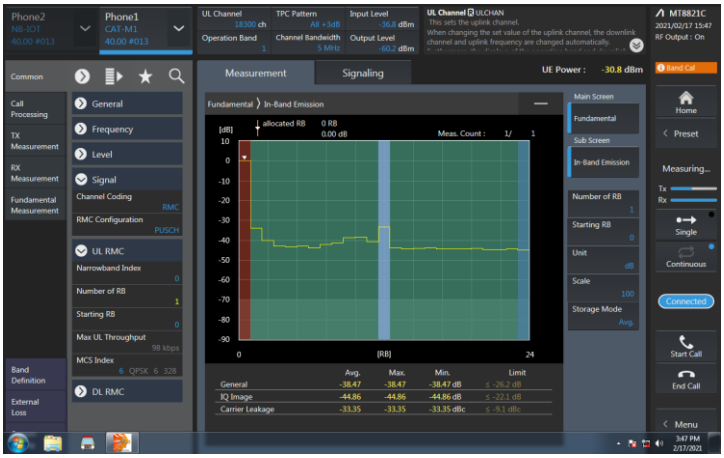

PUSCH	
高頻道	
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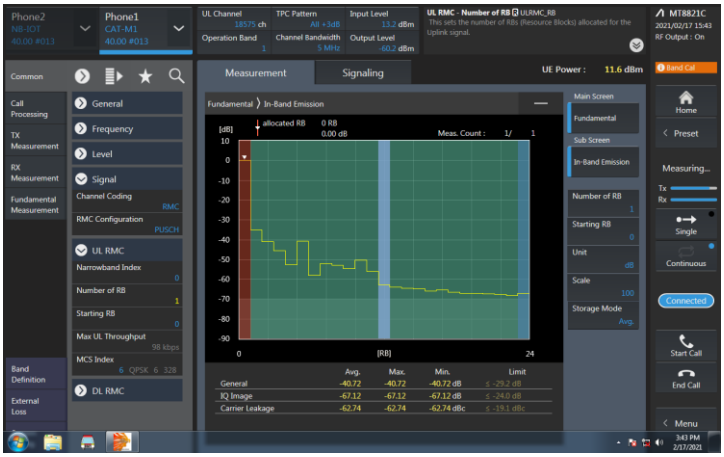
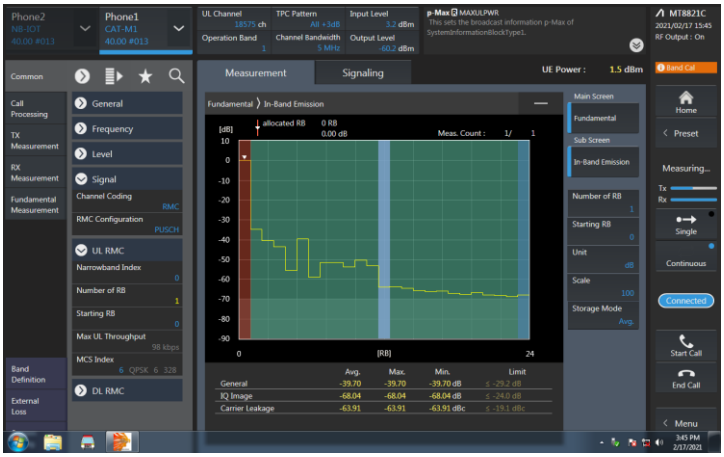
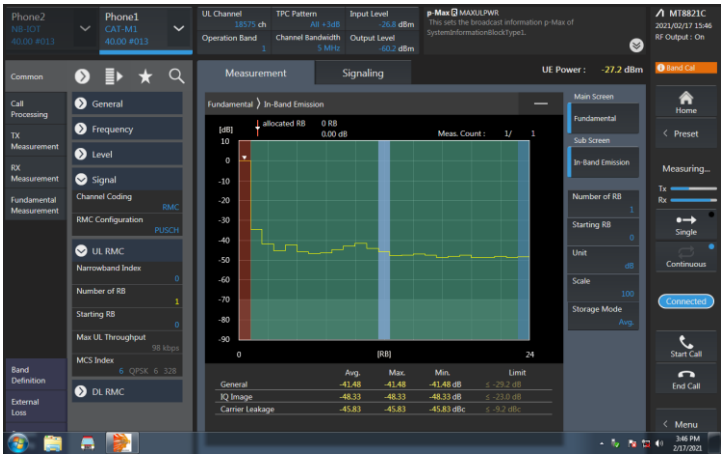
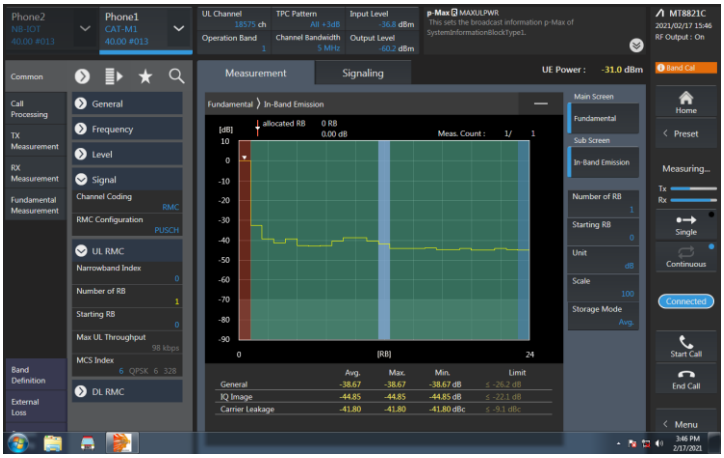
	
Level = -26.8 dbm	Level = -36.8 dbm
	

PUCCH	
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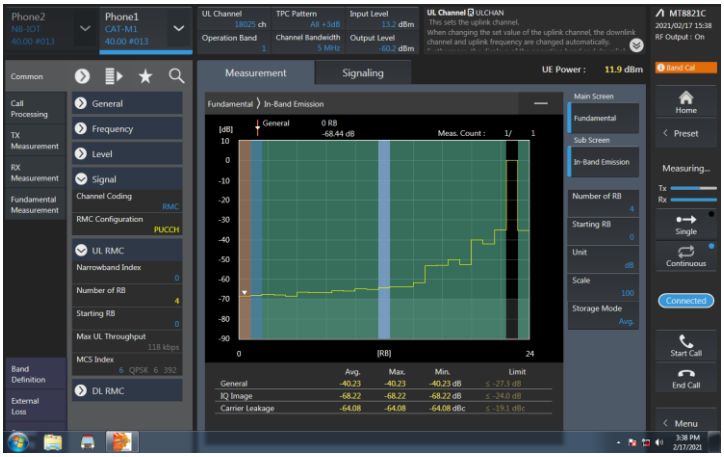	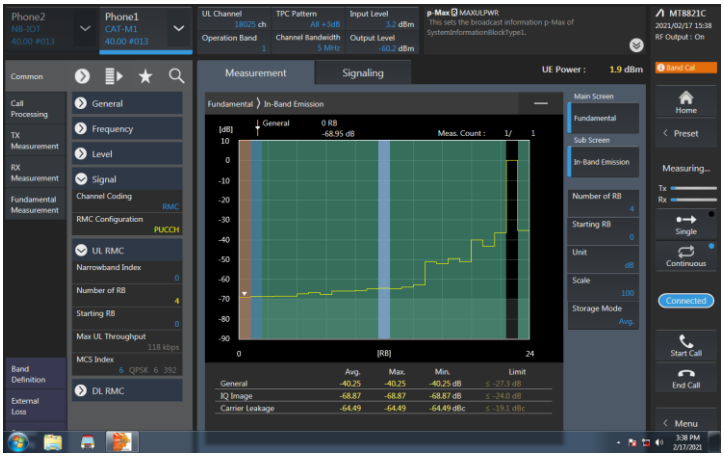
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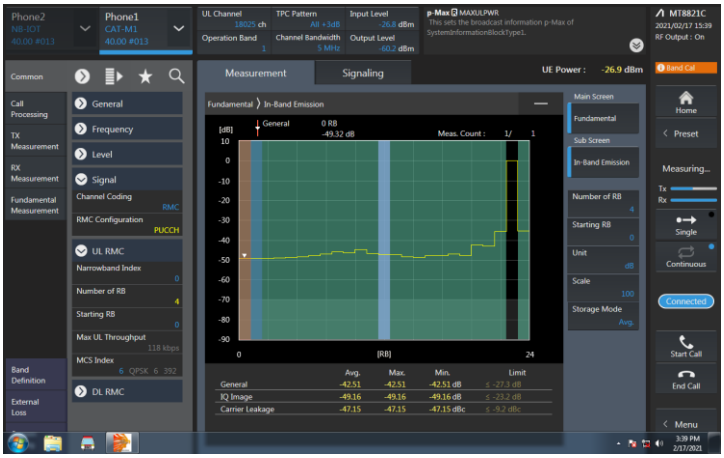	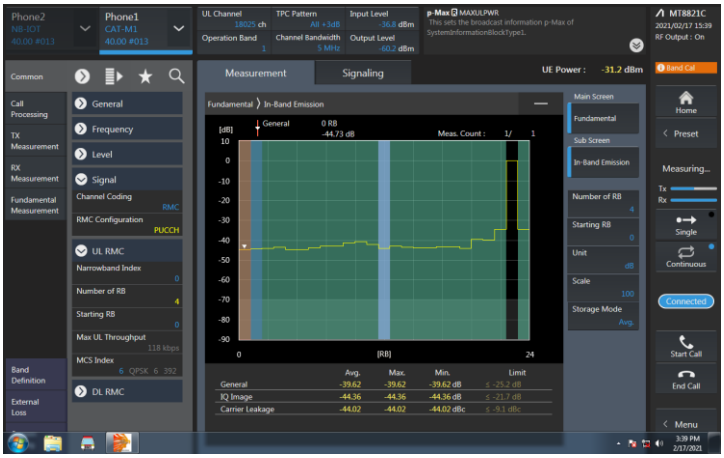

PUCCH	
中頻道	
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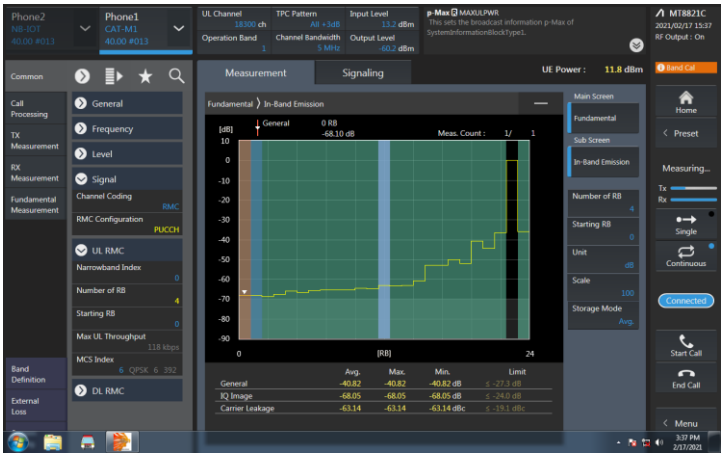	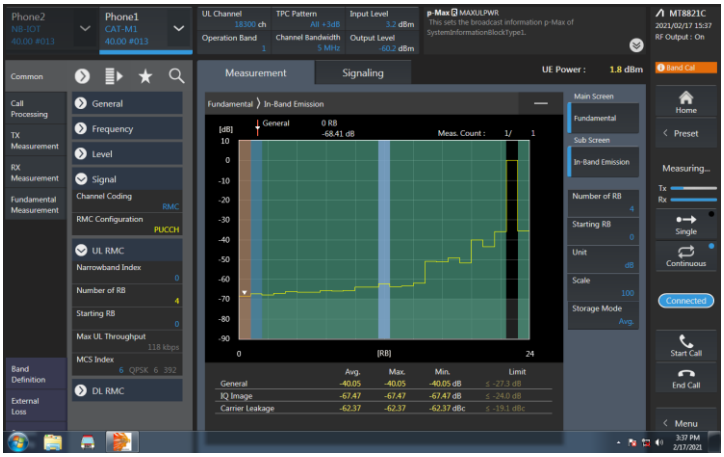
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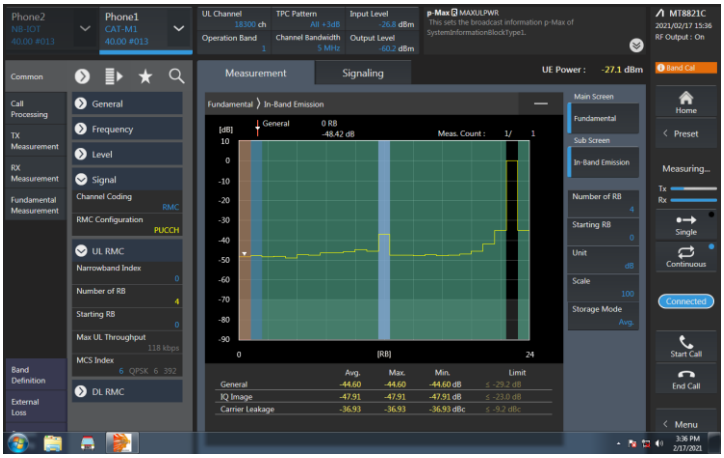	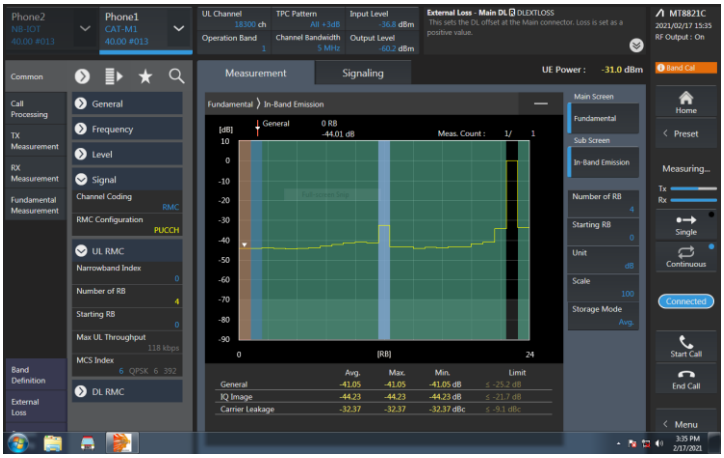

PUCCH	
高頻道	
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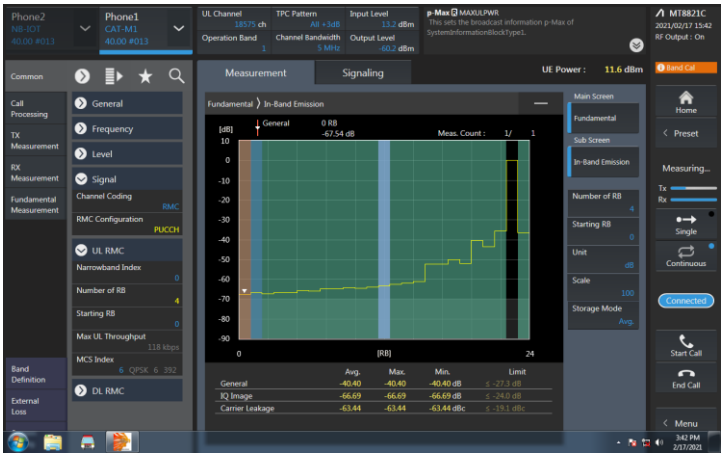	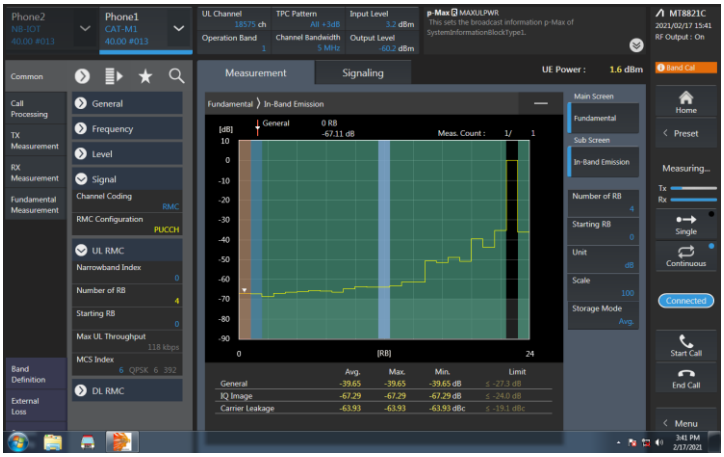
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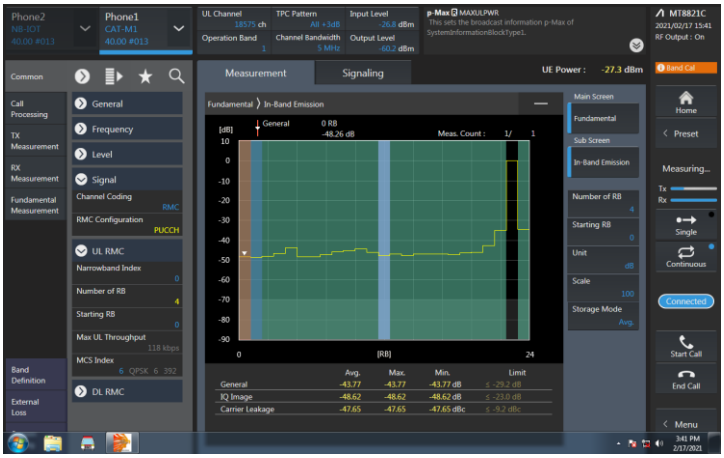
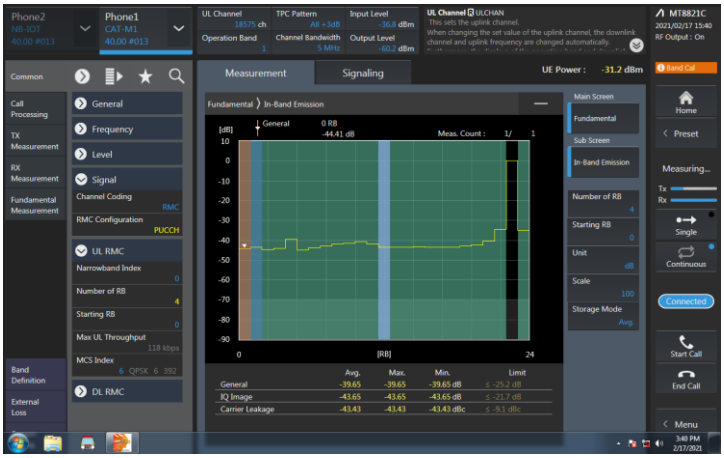
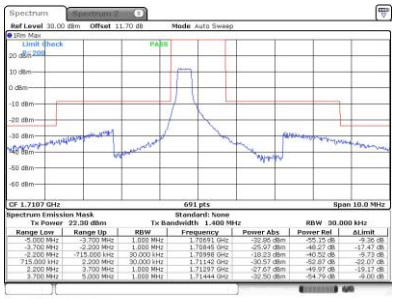
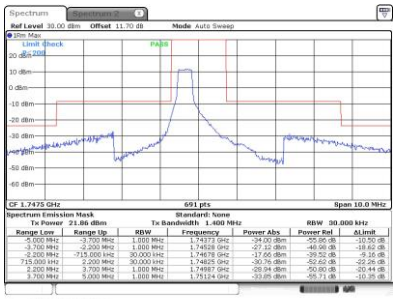
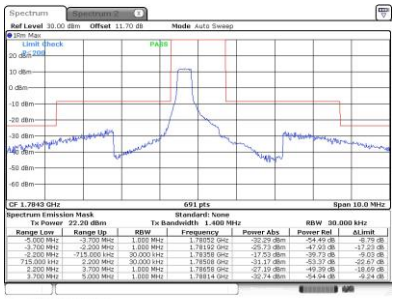
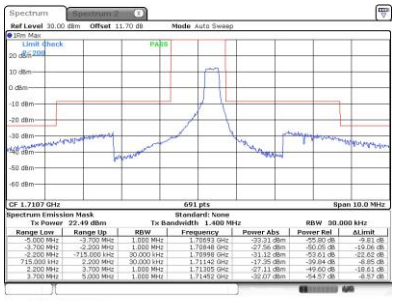
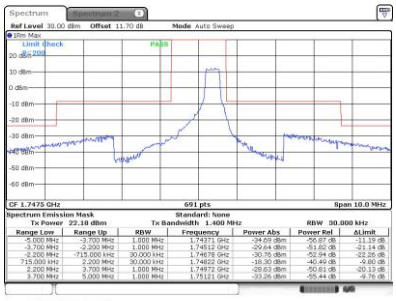
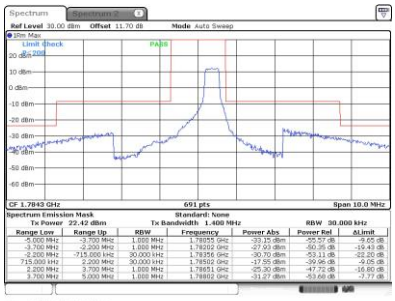
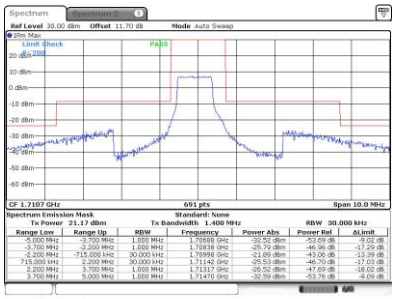
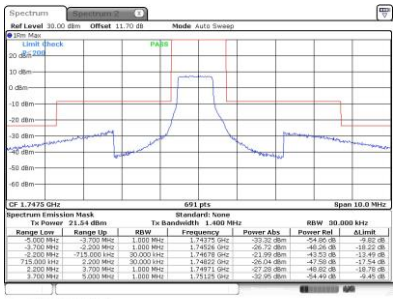
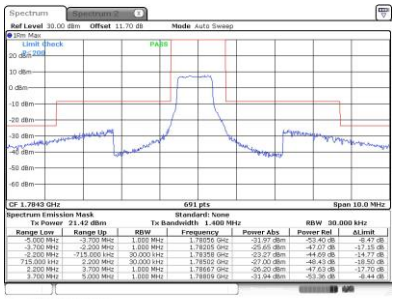
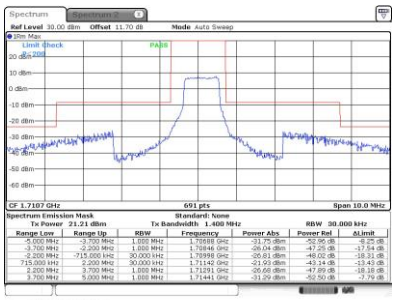
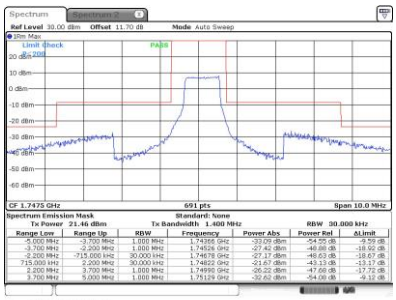
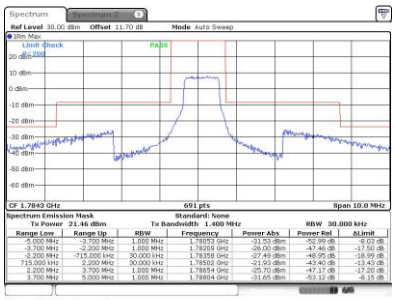
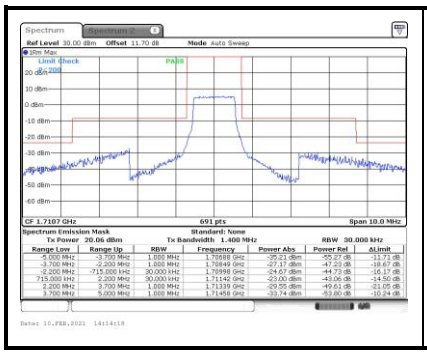
	

B.2. 1.8GHz Band (Band3)

B.2.1. 發射頻譜波罩

工作頻寬	調變	RB 組成	低頻道	中頻道	高頻道
1.4 MHz	QPSK	2RB #0	符合	符合	符合
		2RB # Max	符合	符合	符合
		5RB #0	符合	符合	符合
		5RB # Max	符合	符合	符合
		6RB #0	符合	符合	符合
	16QAM	2RB #0	符合	符合	符合
		2RB # Max	符合	符合	符合
		5RB #0	符合	符合	符合
		5RB # Max	符合	符合	符合
5 MHz	QPSK	6RB #0	符合	符合	符合
	16QAM	1RB #0	符合	符合	符合
		1RB #Max	符合	符合	符合
		3RB #0	符合	符合	符合
		3RB #Max	符合	符合	符合
		5RB #0	符合	符合	符合
		5RB #Max	符合	符合	符合
10 MHz	QPSK	4RB #0	符合	符合	符合
		4RB #Max	符合	符合	符合
		6RB #0	符合	符合	符合
	16QAM	3RB #0	符合	符合	符合
		3RB #Max	符合	符合	符合
		5RB #0	符合	符合	符合
		5RB #Max	符合	符合	符合
15MHz	QPSK	6RB #0	符合	符合	符合
	16QAM	5RB #0	符合	符合	符合
		5RB #Max	符合	符合	符合

最低工作頻寬 = 1.4MHz		
低頻道	中頻道	高頻道
QPSK		
		
		
		
		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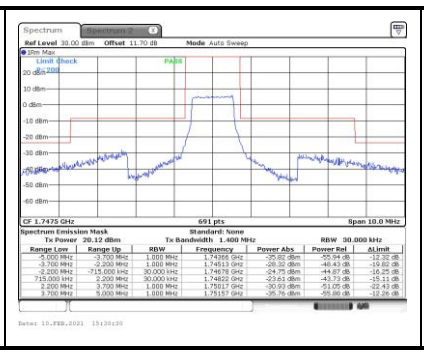
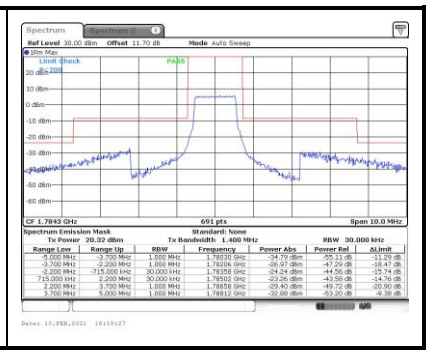
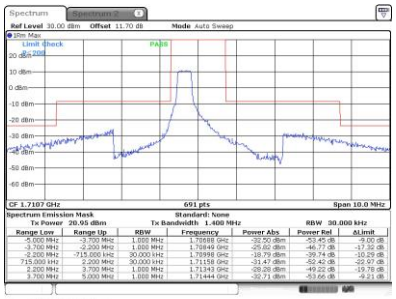
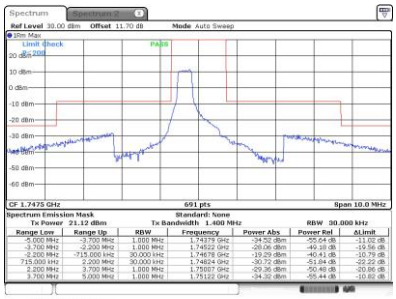
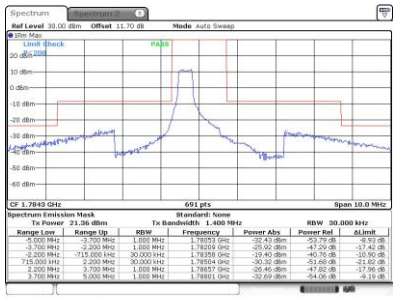
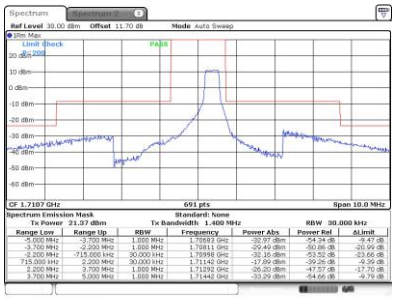
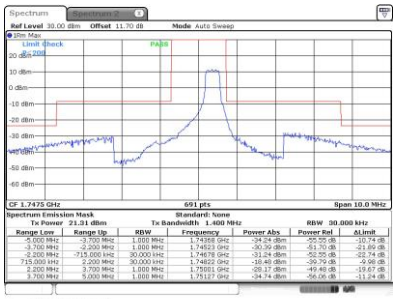
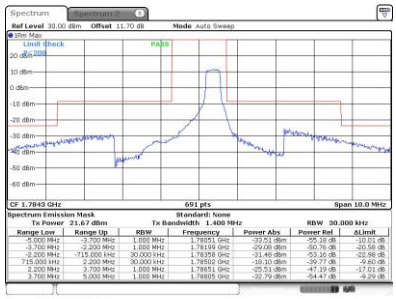
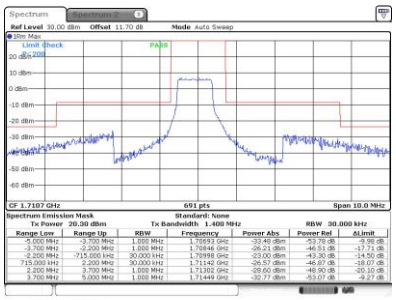
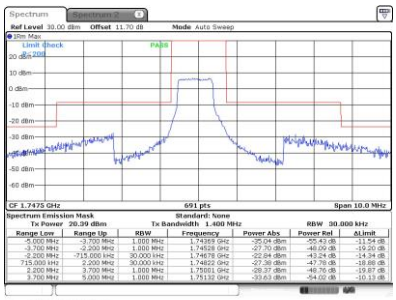
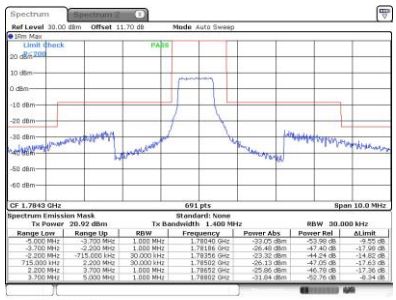
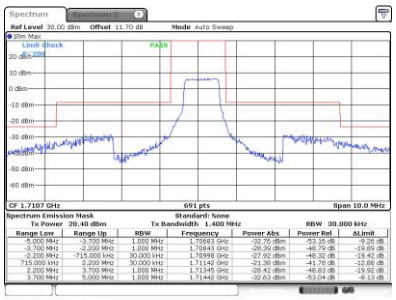
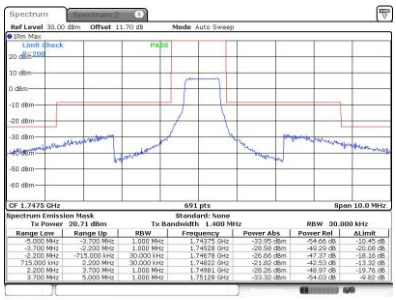
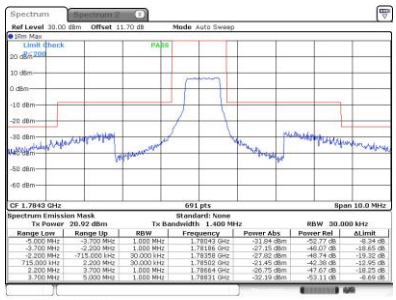
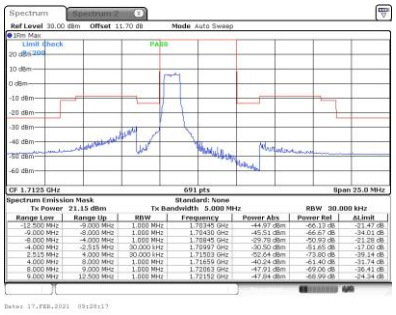
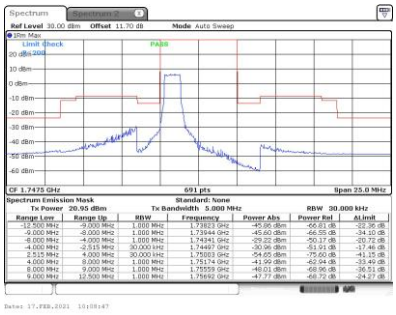
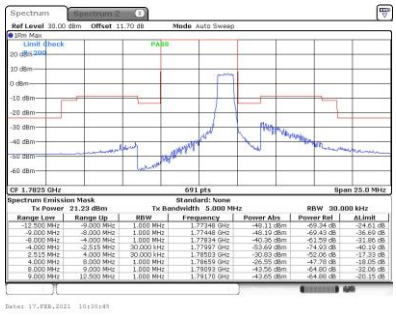
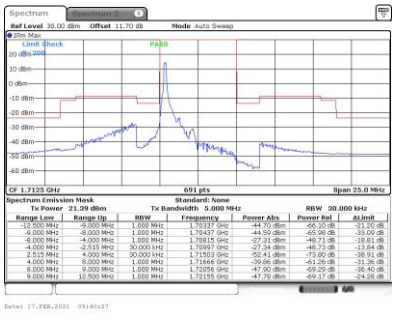
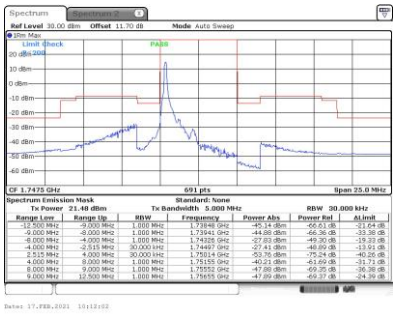
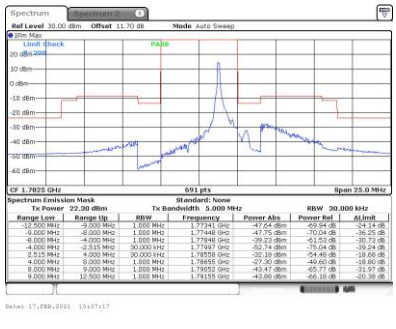
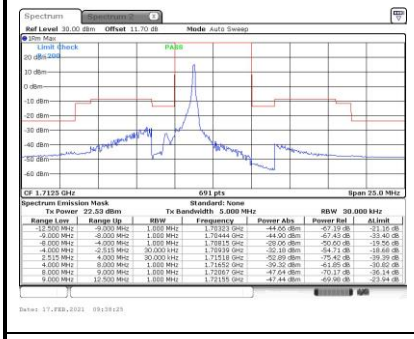
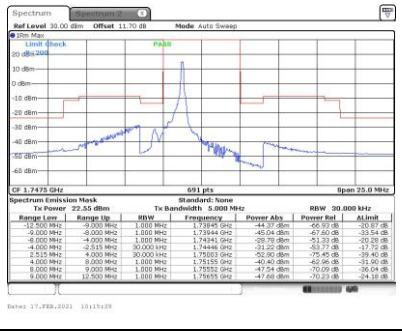
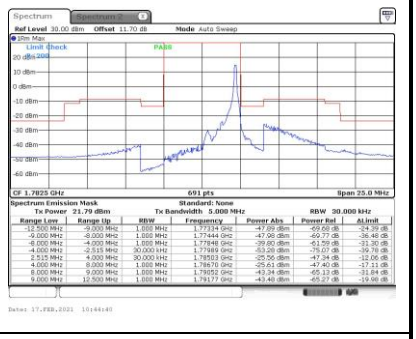
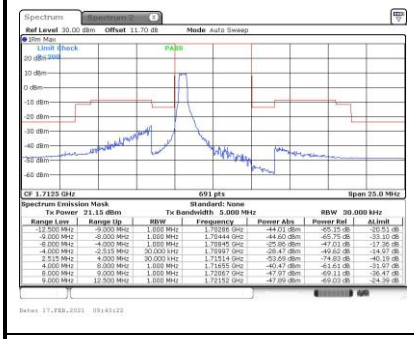
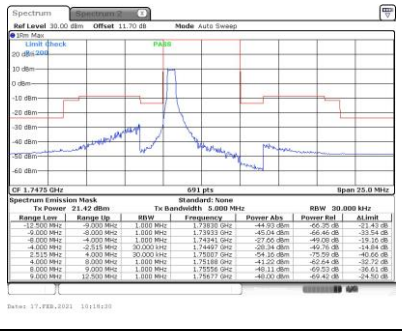
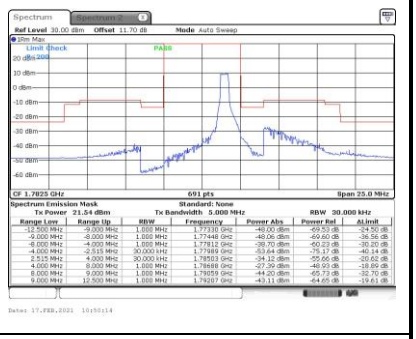
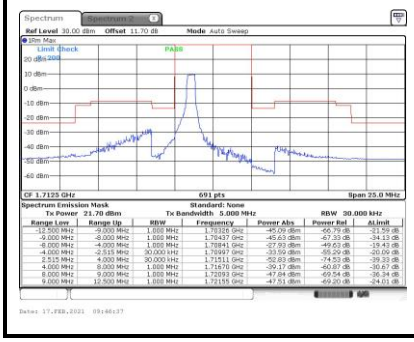
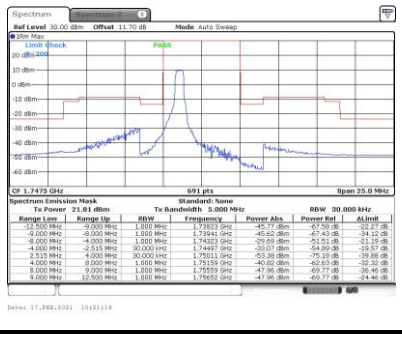
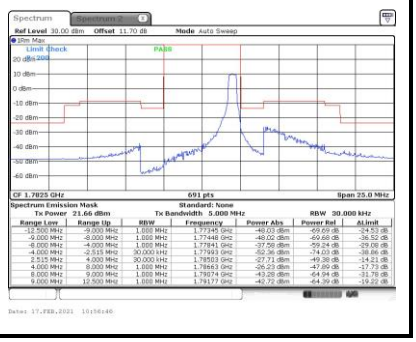
Spectrum 2
Ref Level 30.00 dBm Offset 11.70 dB Mode Auto Sweep
10m Max
Limit Check PASS
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
CF 1.7107 GHz 691 pts Span 10.0 MHz
Spectrum Emission Mask Standard: None
Tx Power 20.06 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz
Range Low Range Up RBW Frequency Power Abs Power Rel ΔLimit
-5.000 MHz -3.700 MHz 1.000 MHz 1.70888 GHz -25.21 dBm -55.27 dB -11.71 dB
-3.700 MHz -2.200 MHz 1.000 MHz 1.70849 GHz -27.17 dBm -47.23 dB -18.67 dB
-2.200 MHz -715.000 kHz 30.000 kHz 1.70998 GHz -24.67 dBm -44.73 dB -16.17 dB
715.000 kHz 2.200 MHz 30.000 kHz 1.71142 GHz -23.00 dBm -43.06 dB -14.50 dB
2.200 MHz 3.700 MHz 1.000 MHz 1.71339 GHz -29.55 dBm -49.61 dB -21.05 dB
3.700 MHz 5.000 MHz 1.000 MHz 1.71458 GHz -33.74 dBm -53.80 dB -10.24 dB
Date: 10.FEB.2021 14:14:18

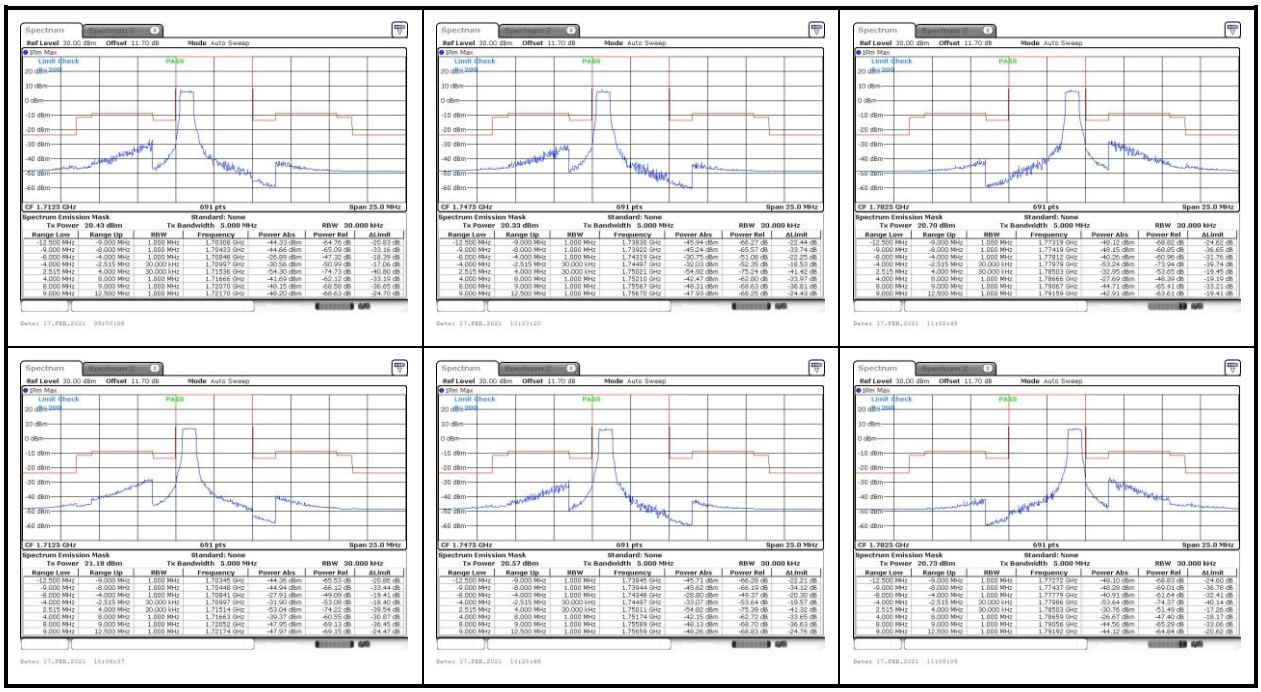

Spectrum
Spectrum 2
Ref Level 30.00 dBm Offset 11.70 dB Mode Auto Sweep
10m Max
Limit Check PASS
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
CF 1.7475 GHz 691 pts Span 10.0 MHz
Spectrum Emission Mask Standard: None
Tx Power 20.12 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz
Range Low Range Up RBW Frequency Power Abs Power Rel ΔLimit
-5.000 MHz -3.700 MHz 1.000 MHz 1.74366 GHz -35.82 dBm -55.94 dB -12.32 dB
-3.700 MHz -2.200 MHz 1.000 MHz 1.74513 GHz -28.32 dBm -48.43 dB -19.82 dB
-2.200 MHz -715.000 kHz 30.000 kHz 1.74678 GHz -24.75 dBm -44.87 dB -16.25 dB
715.000 kHz 2.200 MHz 30.000 kHz 1.74822 GHz -23.61 dBm -43.73 dB -15.11 dB
2.200 MHz 3.700 MHz 1.000 MHz 1.75017 GHz -30.93 dBm -51.05 dB -22.43 dB
3.700 MHz 5.000 MHz 1.000 MHz 1.75157 GHz -35.76 dBm -55.88 dB -12.26 dB
Date: 10.FEB.2021 15:30:20

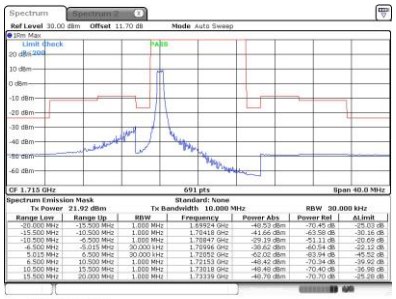
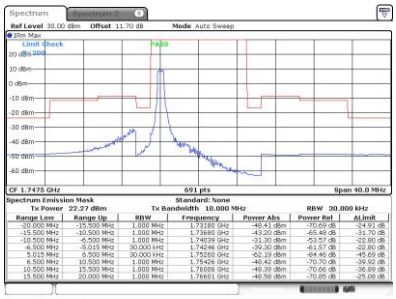
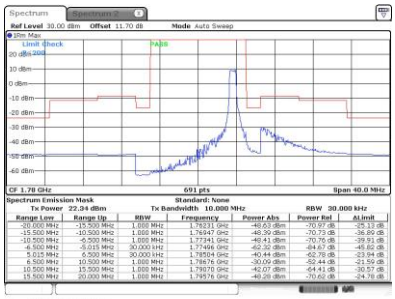
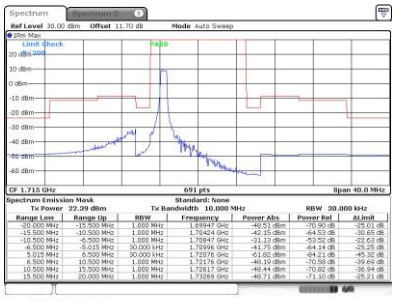
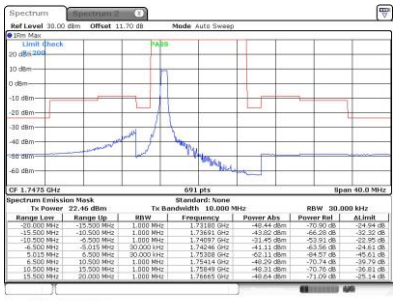
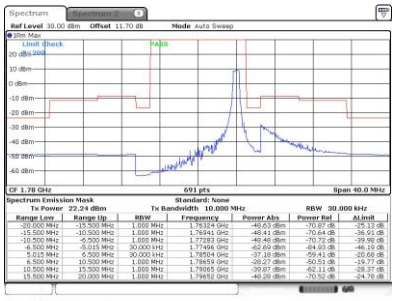
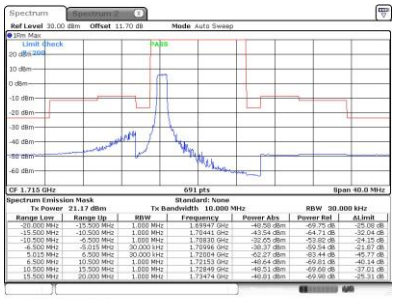
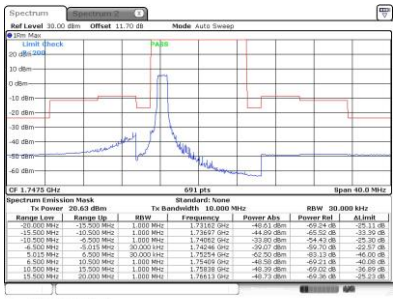
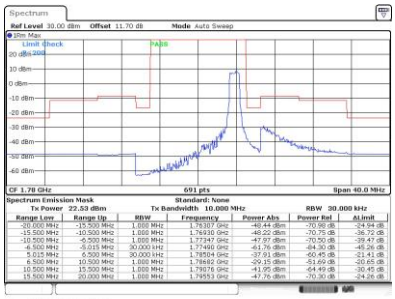

Spectrum
Spectrum 2
Ref Level 30.00 dBm Offset 11.70 dB Mode Auto Sweep
10m Max
Limit Check PASS
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
CF 1.7843 GHz 691 pts Span 10.0 MHz
Spectrum Emission Mask Standard: None
Tx Power 20.32 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz
Range Low Range Up RBW Frequency Power Abs Power Rel ΔLimit
-5.000 MHz -3.700 MHz 1.000 MHz 1.78030 GHz -34.79 dBm -55.11 dB -11.29 dB
-3.700 MHz -2.200 MHz 1.000 MHz 1.78206 GHz -26.97 dBm -47.29 dB -18.47 dB
-2.200 MHz -715.000 kHz 30.000 kHz 1.78358 GHz -24.24 dBm -44.56 dB -15.74 dB
715.000 kHz 2.200 MHz 30.000 kHz 1.78502 GHz -23.26 dBm -43.58 dB -14.76 dB
2.200 MHz 3.700 MHz 1.000 MHz 1.78658 GHz -29.40 dBm -49.72 dB -20.90 dB
3.700 MHz 5.000 MHz 1.000 MHz 1.78812 GHz -32.88 dBm -53.20 dB -9.38 dB
Date: 10.FEB.2021 16:19:27

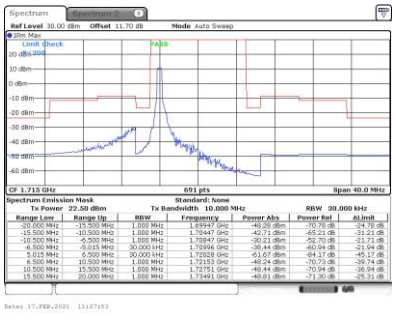
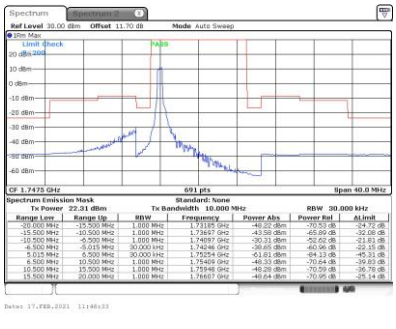
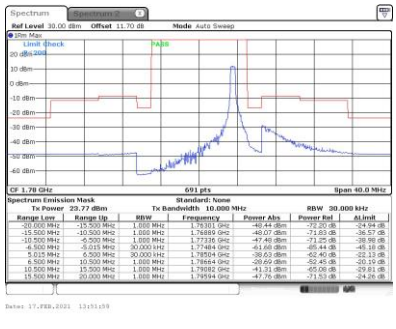
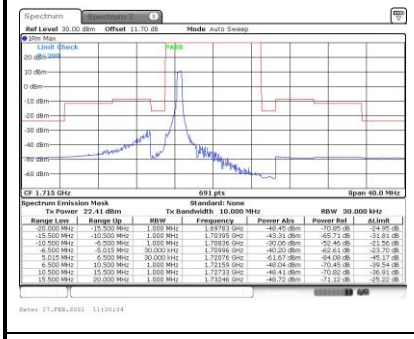
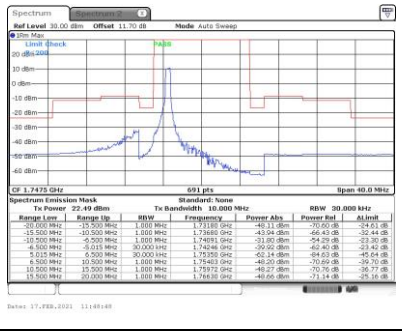
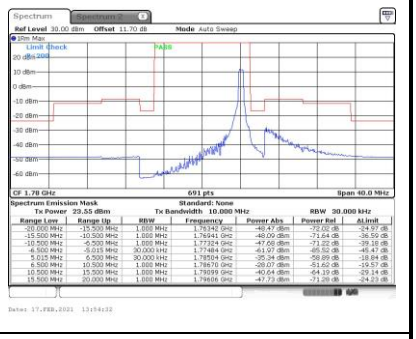
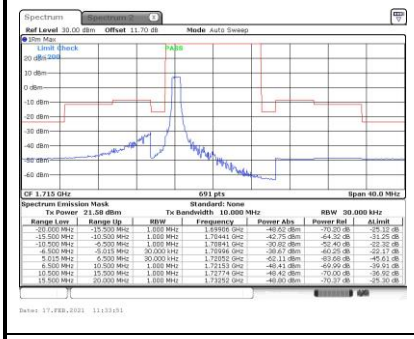
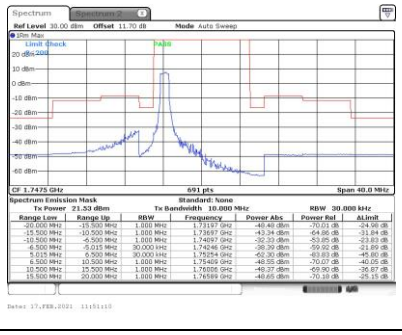
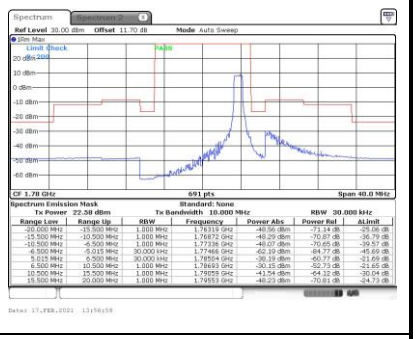
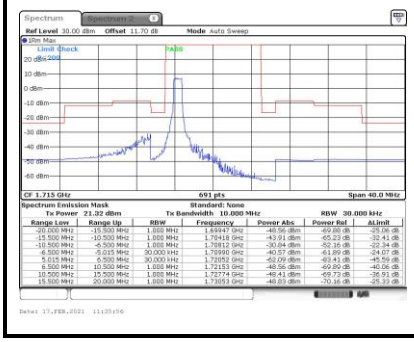
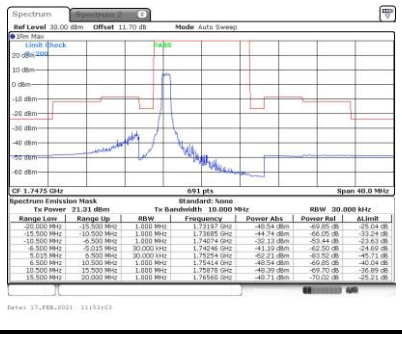
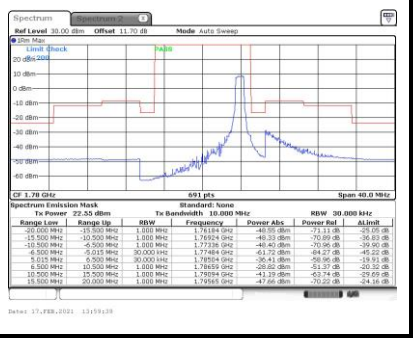
最低工作頻寬 = 1.4MHz		
低頻道	中頻道	高頻道
16QAM		
		
		
		
		

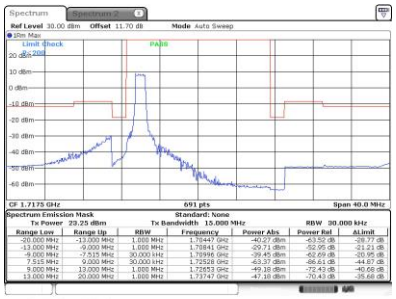
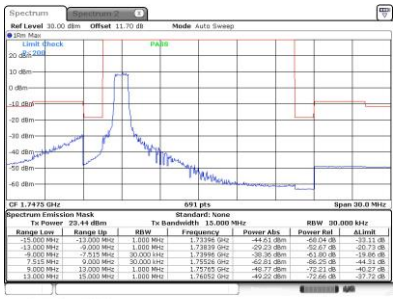
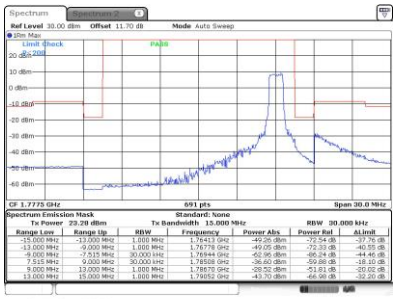
工作頻寬 = 5MHz		
低頻道	中頻道	高頻道
QPSK		
		

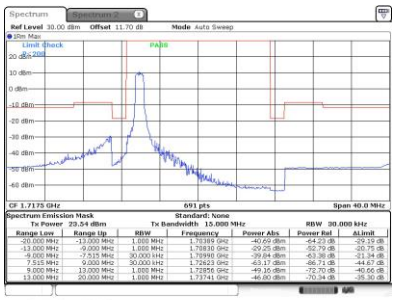
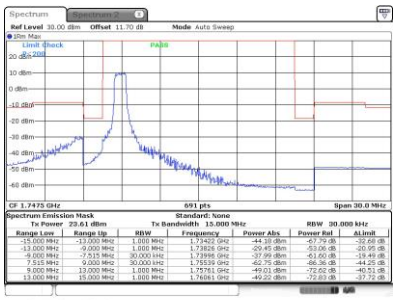
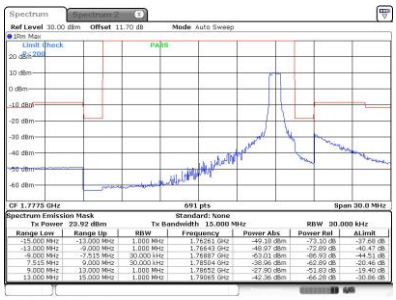
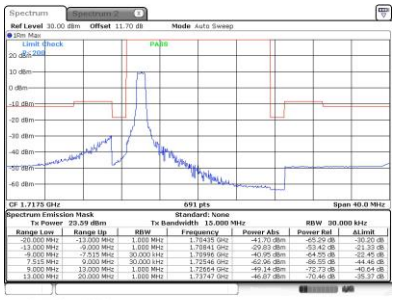
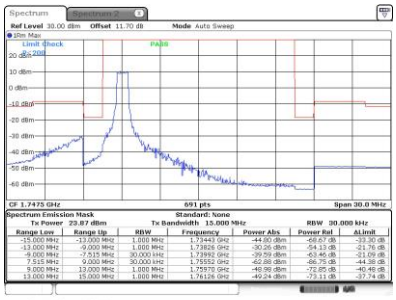
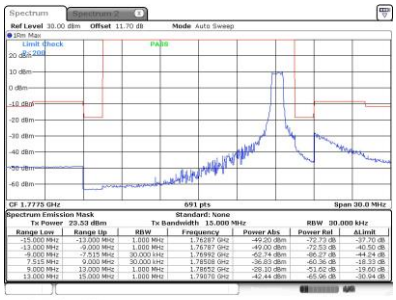
工作頻寬 = 5MHz		
低頻道	中頻道	高頻道
16QAM		
		
		
		
		


Spectrum
Ref Level 30.00 dBm Offset 11.70 dB Mode Auto Sweep
Limit Check PASS
CF 1.7125 GHz 691 pts Span 25.0 MHz
Spectrum Emission Mask Standard: None
Tx Power 20.43 dBm Tx Bandwidth 5.000 MHz RBW 30.000 kHz
Spectrum
Ref Level 30.00 dBm Offset 11.70 dB Mode Auto Sweep
Limit Check PASS
CF 1.7475 GHz 691 pts Span 25.0 MHz
Spectrum Emission Mask Standard: None
Tx Power 20.30 dBm Tx Bandwidth 5.000 MHz RBW 30.000 kHz
Spectrum
Ref Level 30.00 dBm Offset 11.70 dB Mode Auto Sweep
Limit Check PASS
CF 1.7825 GHz 691 pts Span 25.0 MHz
Spectrum Emission Mask Standard: None
Tx Power 20.70 dBm Tx Bandwidth 5.000 MHz RBW 30.000 kHz
Spectrum
Ref Level 30.00 dBm Offset 11.70 dB Mode Auto Sweep
Limit Check PASS
CF 1.7125 GHz 691 pts Span 25.0 MHz
Spectrum Emission Mask Standard: None
Tx Power 21.18 dBm Tx Bandwidth 5.000 MHz RBW 30.000 kHz
Spectrum
Ref Level 30.00 dBm Offset 11.70 dB Mode Auto Sweep
Limit Check PASS
CF 1.7475 GHz 691 pts Span 25.0 MHz
Spectrum Emission Mask Standard: None
Tx Power 20.57 dBm Tx Bandwidth 5.000 MHz RBW 30.000 kHz
Spectrum
Ref Level 30.00 dBm Offset 11.70 dB Mode Auto Sweep
Limit Check PASS
CF 1.7825 GHz 691 pts Span 25.0 MHz
Spectrum Emission Mask Standard: None
Tx Power 20.73 dBm Tx Bandwidth 5.000 MHz RBW 30.000 kHz

工作頻寬 = 10MHz		
低頻道	中頻道	高頻道
QPSK		
		
		
		

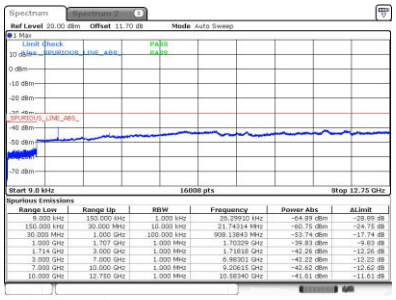
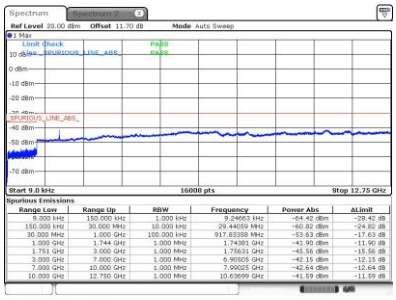
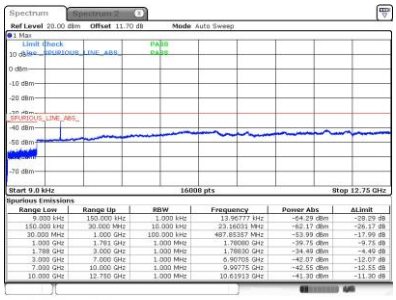
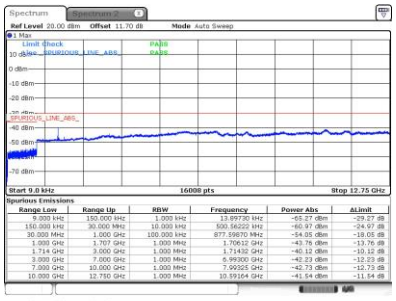
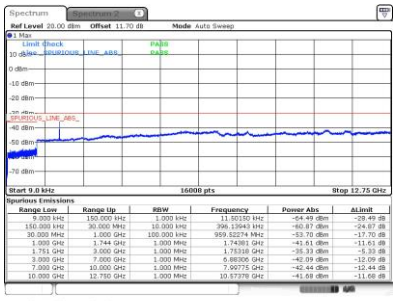
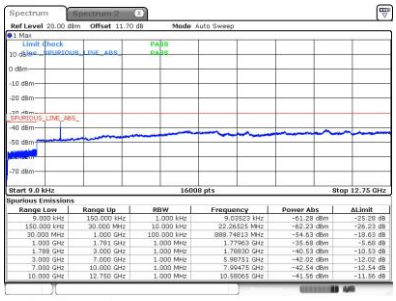
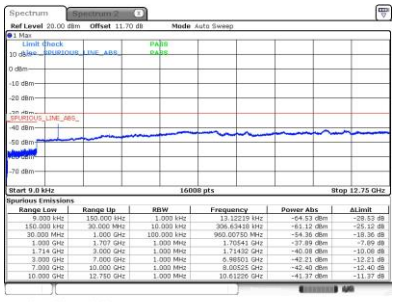
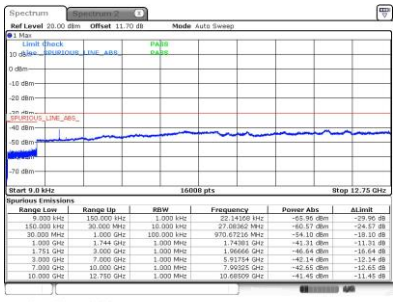
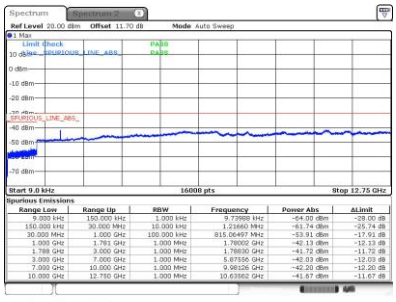
工作頻寬 = 10MHz		
低頻道	中頻道	高頻道
16QAM		
		
		
		
		

工作頻寬 = 15MHz		
低頻道	中頻道	高頻道
QPSK		
		

工作頻寬 = 15MHz		
低頻道	中頻道	高頻道
16QAM		
		
		

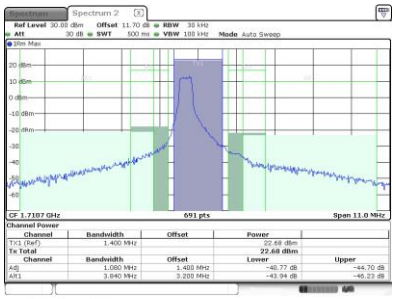
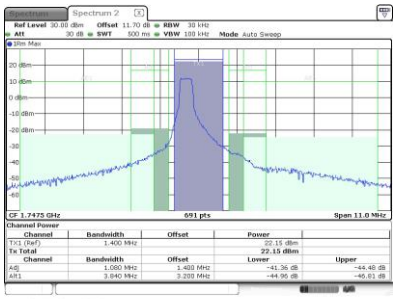
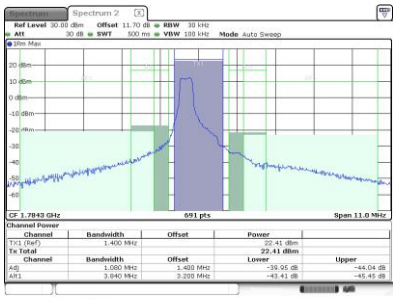
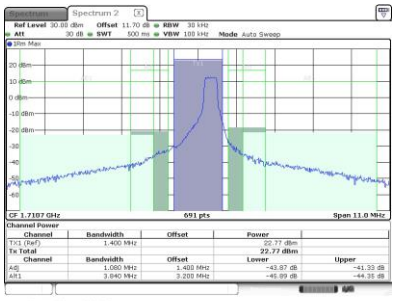
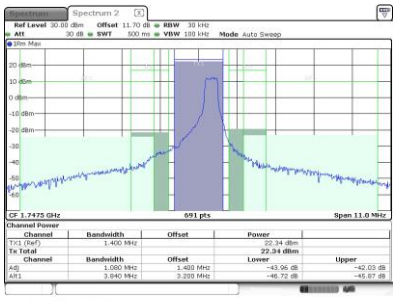
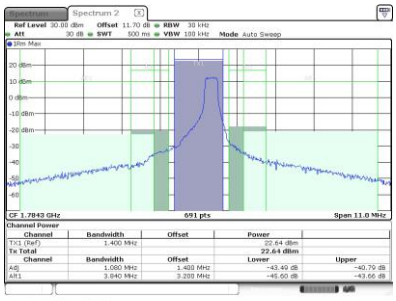
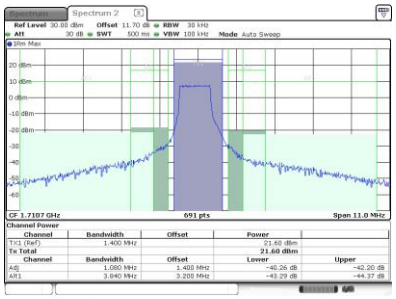
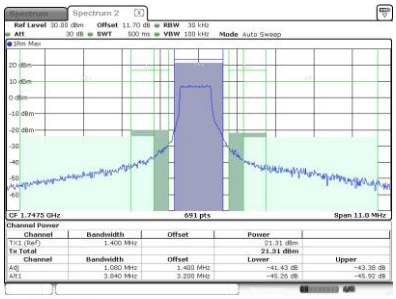
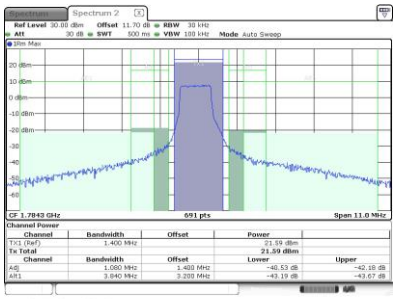
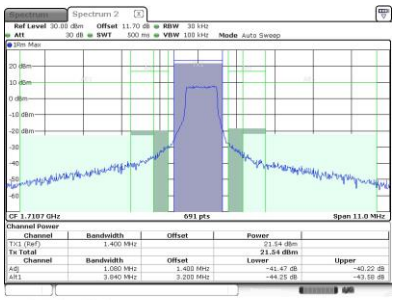
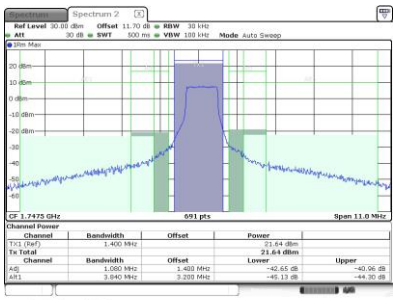
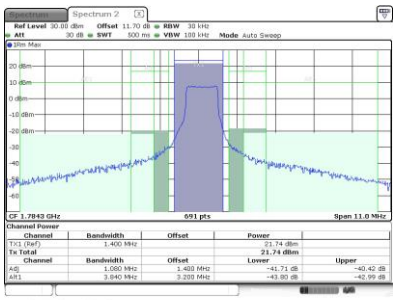
B.1.1. 傳導帶外輻射發射限制

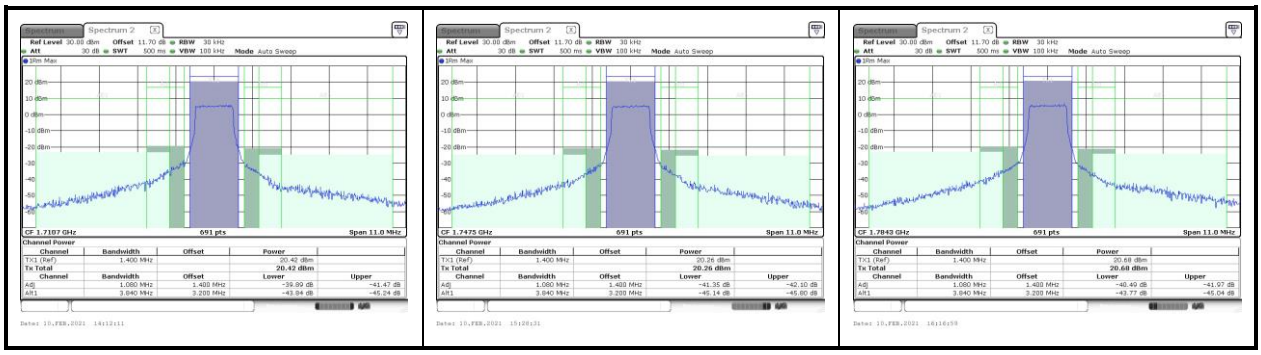
工作頻寬	調變	RB 組成	低頻道	中頻道	高頻道
1.4 MHz	QPSK	1RB #0	符合	符合	符合
		1RB #Max	符合	符合	符合
		6RB #0	符合	符合	符合

工作頻寬 = 1.4 MHz		
低頻道	中頻道	高頻道
		
		
		

B.1.2. 相鄰頻道洩漏功率比

工作頻寬	調變	RB 組成	低頻道	中頻道	高頻道
1.4 MHz	QPSK	2RB #0	符合	符合	符合
		2RB # Max	符合	符合	符合
		5RB #0	符合	符合	符合
		5RB # Max	符合	符合	符合
		6RB #0	符合	符合	符合
	16QAM	2RB #0	符合	符合	符合
		2RB # Max	符合	符合	符合
		5RB #0	符合	符合	符合
		5RB # Max	符合	符合	符合
5 MHz	QPSK	6RB #0	符合	符合	符合
	16QAM	1RB #0	符合	符合	符合
		1RB #Max	符合	符合	符合
		3RB #0	符合	符合	符合
		3RB #Max	符合	符合	符合
		5RB #0	符合	符合	符合
		5RB #Max	符合	符合	符合
10 MHz	QPSK	4RB #0	符合	符合	符合
		4RB #Max	符合	符合	符合
		6RB #0	符合	符合	符合
	16QAM	3RB #0	符合	符合	符合
		3RB #Max	符合	符合	符合
		5RB #0	符合	符合	符合
		5RB #Max	符合	符合	符合
20 MHz	16QAM	5RB #0	符合	符合	符合
		5RB #Max	符合	符合	符合

最低工作頻寬 = 1.4MHz		
低頻道	中頻道	高頻道
QPSK		
		
		
		
		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Spectrum 2
Ref Level 30.00 dBm Offset 11.70 dB RBW 30 kHz
Att 30 dB SWT 500 ms VBW 100 kHz Mode Auto Sweep
1Rm Max
CF 1.7107 GHz 691 pts Span 11.0 MHz
Channel Power
Channel Bandwidth Offset Power
Tx1 (Ref) 1.400 MHz 20.42 dBm
Tx Total 20.42 dBm
Channel Bandwidth Offset Lower Upper
Adj 1.080 MHz 1.400 MHz -39.89 dB -41.47 dB
Alt1 3.840 MHz 3.200 MHz -43.94 dB -45.24 dB
Date: 10.FEB.2021 14:12:11
Spectrum
Spectrum 2
Ref Level 30.00 dBm Offset 11.70 dB RBW 30 kHz
Att 30 dB SWT 500 ms VBW 100 kHz Mode Auto Sweep
1Rm Max
CF 1.7475 GHz 691 pts Span 11.0 MHz
Channel Power
Channel Bandwidth Offset Power
Tx1 (Ref) 1.400 MHz 20.26 dBm
Tx Total 20.26 dBm
Channel Bandwidth Offset Lower Upper
Adj 1.080 MHz 1.400 MHz -41.35 dB -42.10 dB
Alt1 3.840 MHz 3.200 MHz -46.14 dB -45.60 dB
Date: 10.FEB.2021 15:26:31
Spectrum
Spectrum 2
Ref Level 30.00 dBm Offset 11.70 dB RBW 30 kHz
Att 30 dB SWT 500 ms VBW 100 kHz Mode Auto Sweep
1Rm Max
CF 1.7843 GHz 691 pts Span 11.0 MHz
Channel Power
Channel Bandwidth Offset Power
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Tx Total 20.68 dBm
Channel Bandwidth Offset Lower Upper
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Alt1 3.840 MHz 3.200 MHz -43.77 dB -45.04 dB
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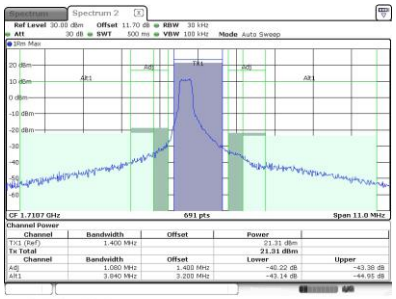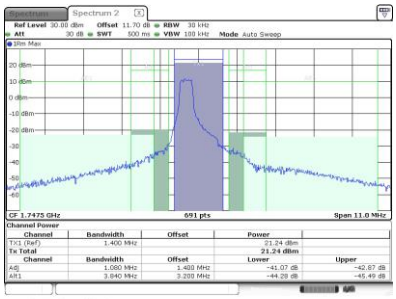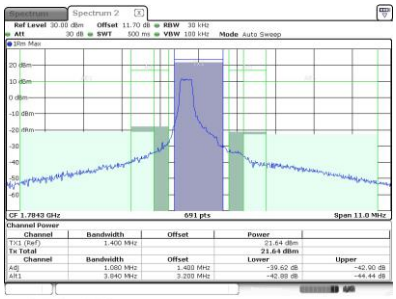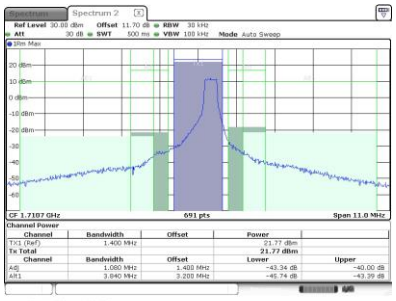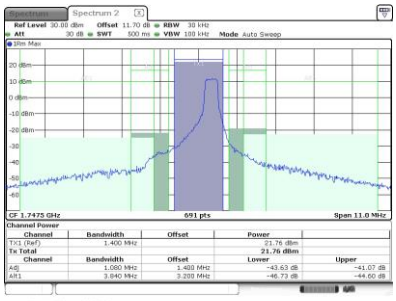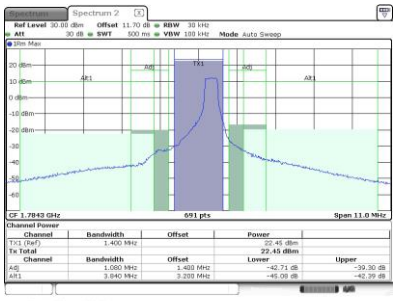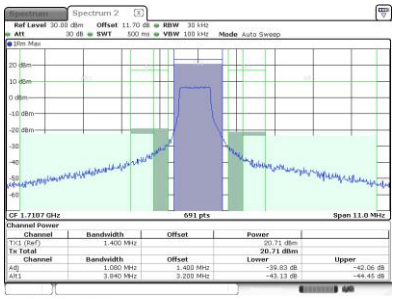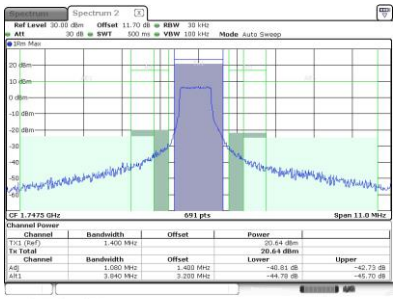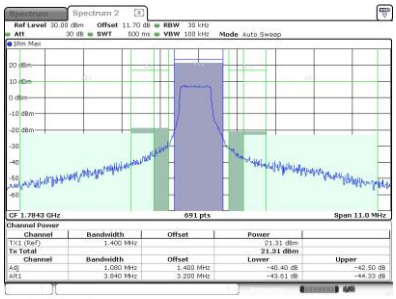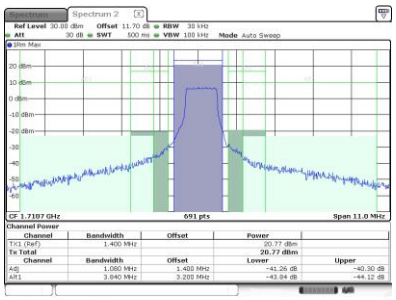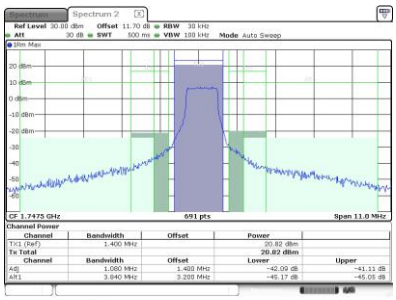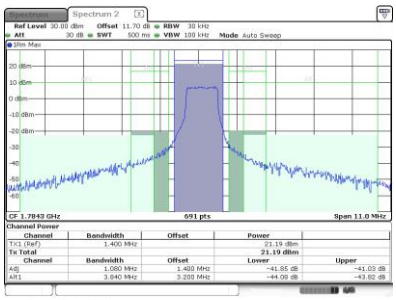
最低工作頻寬 = 1.4MHz		
低頻道	中頻道	高頻道
16QAM