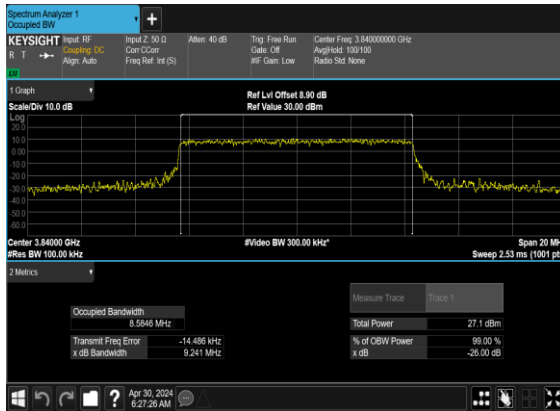
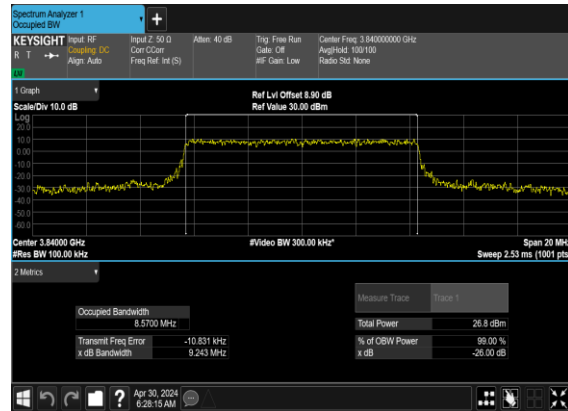


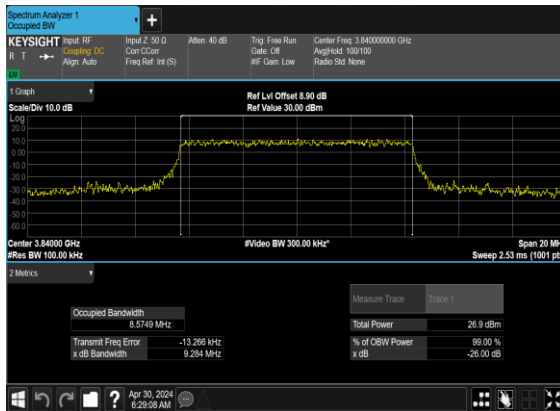
N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



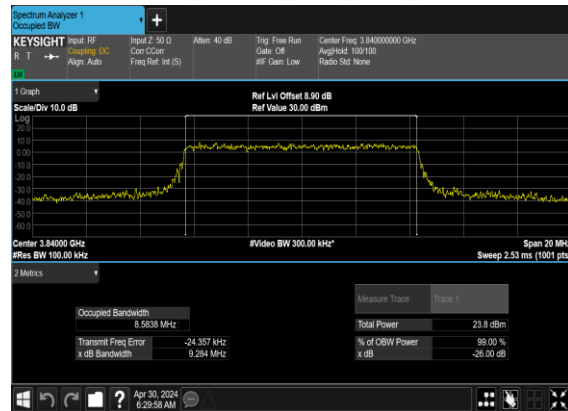
N77(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



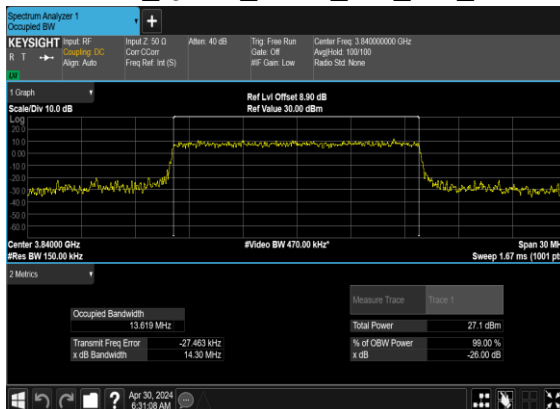
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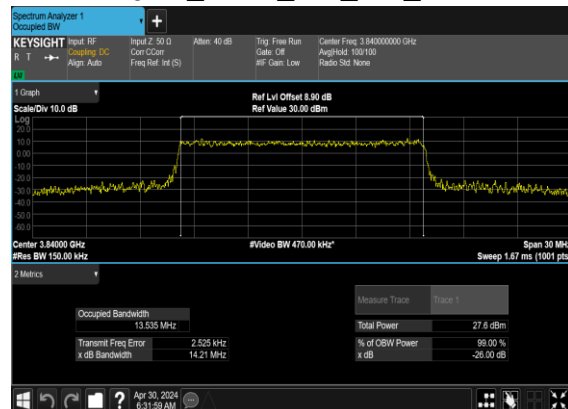
N77(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



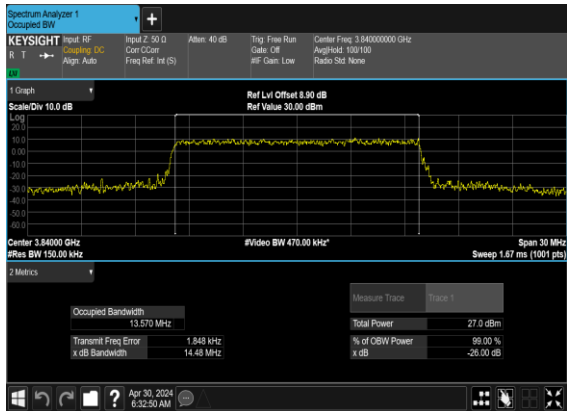
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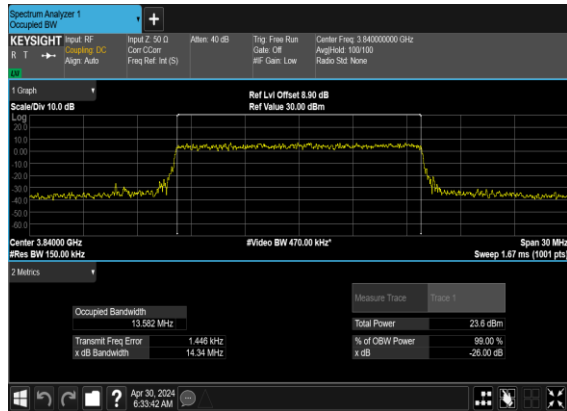
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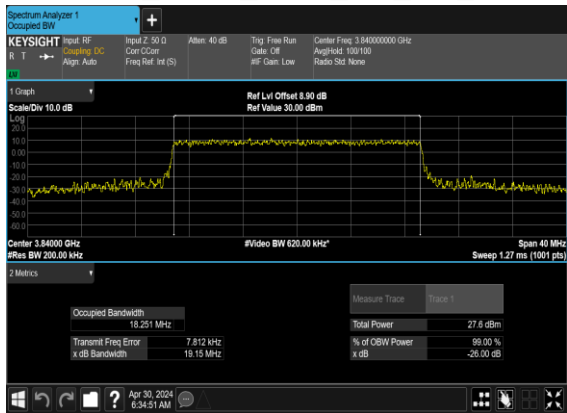
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QAM_Outer_Full_Mid_CH



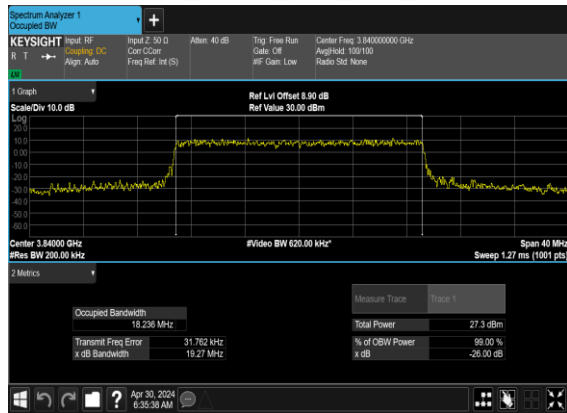
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QAM_Outer_Full_Mid_CH



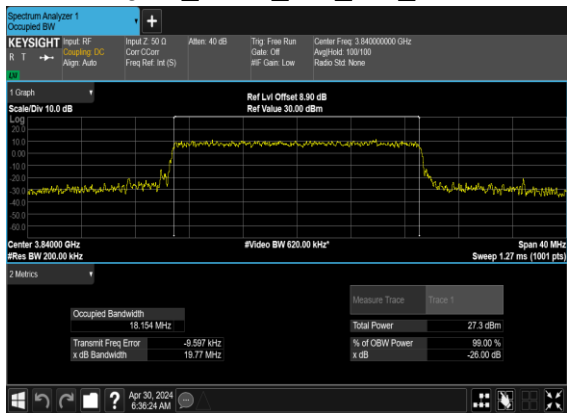
N77(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



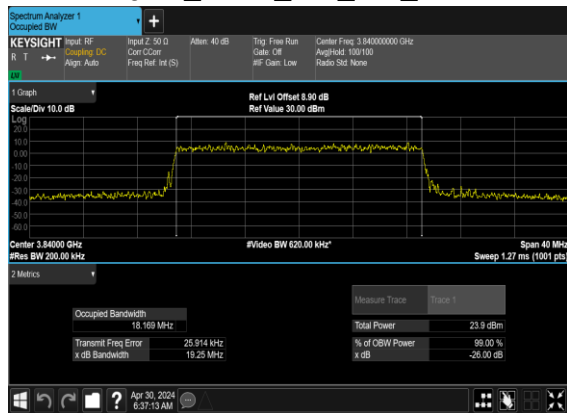
N77(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



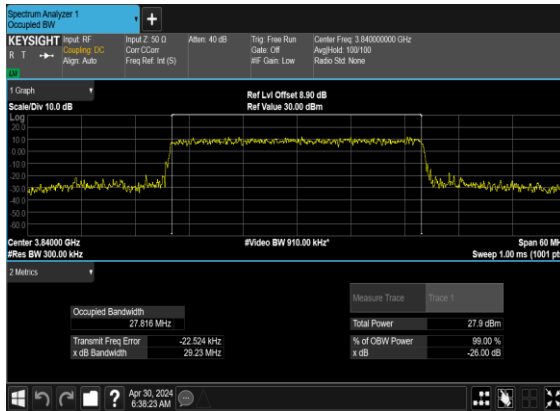
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QAM_Outer_Full_Mid_CH



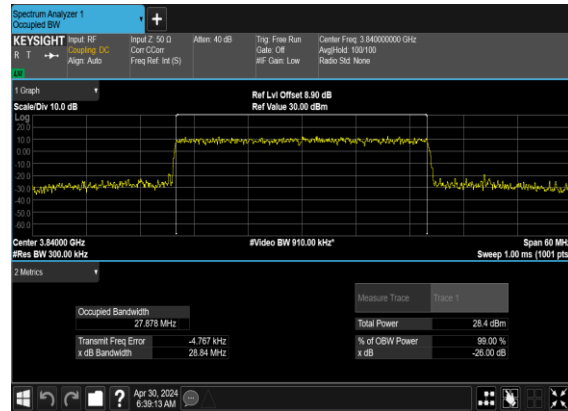
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QAM_Outer_Full_Mid_CH



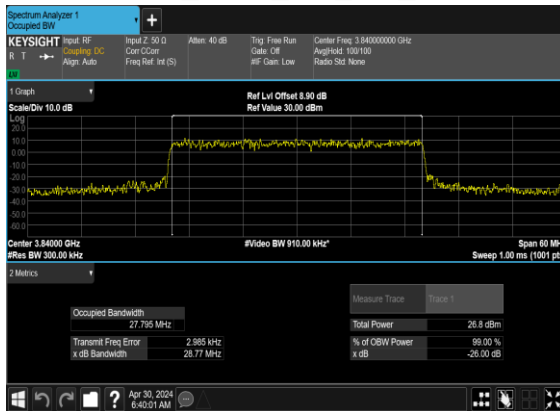
N77(30M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



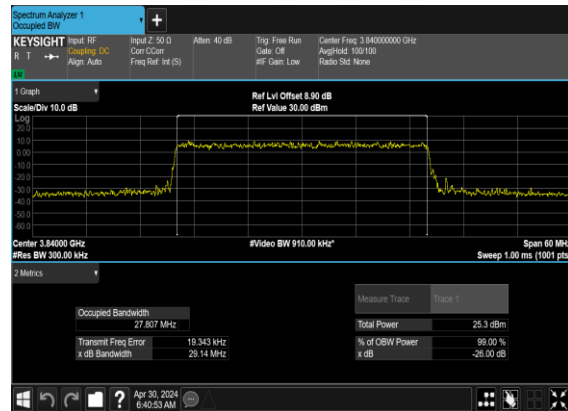
N77(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



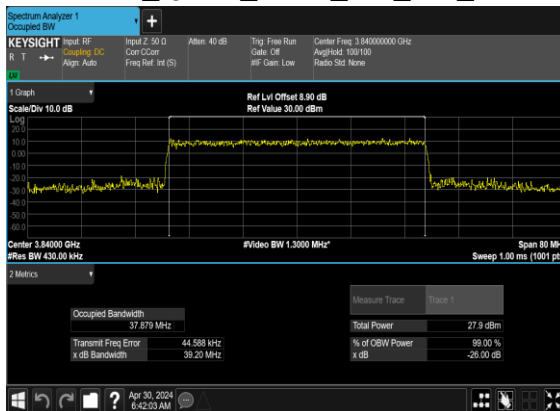
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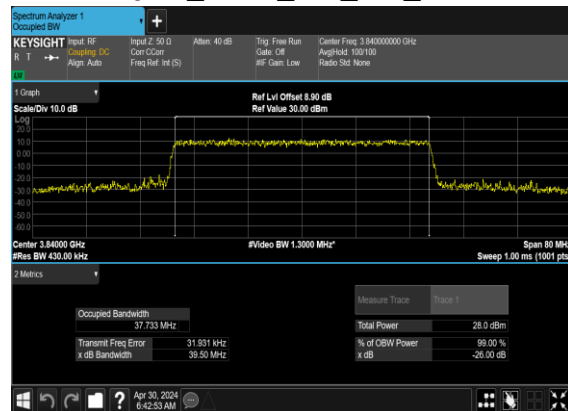
N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



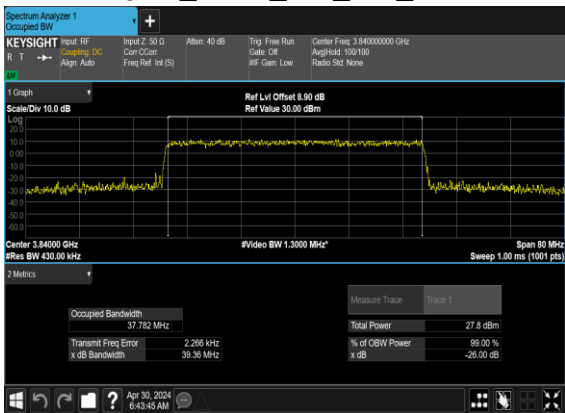
N77(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



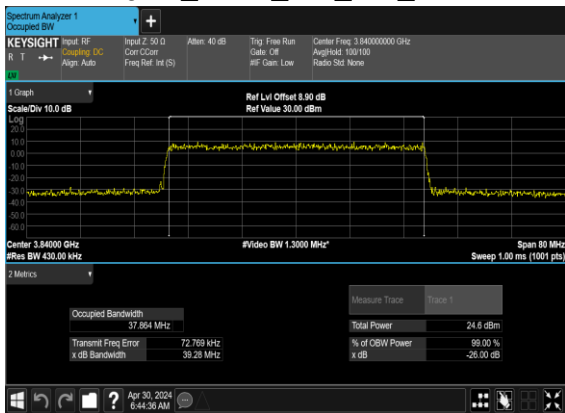
N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



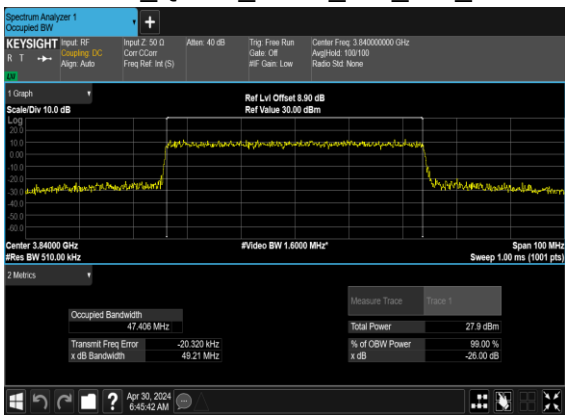
N77(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



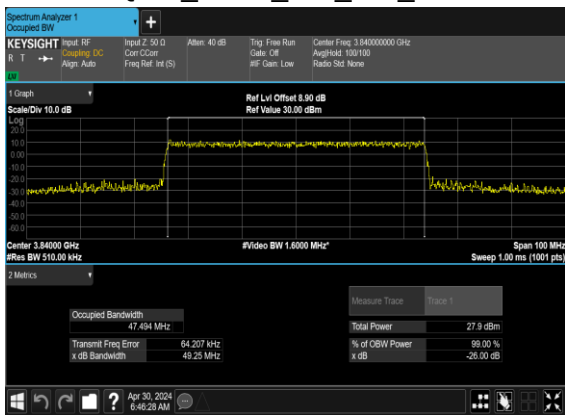
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QAM_Outer_Full_Mid_CH



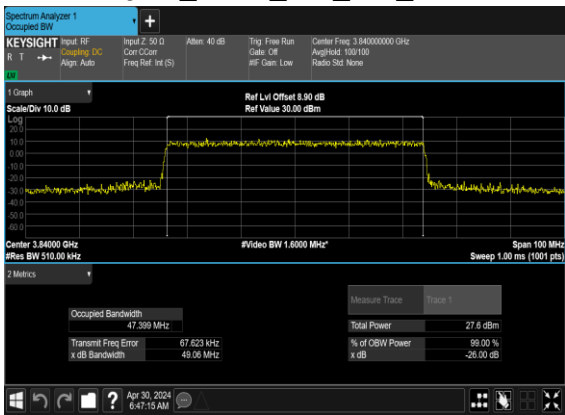
N77(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



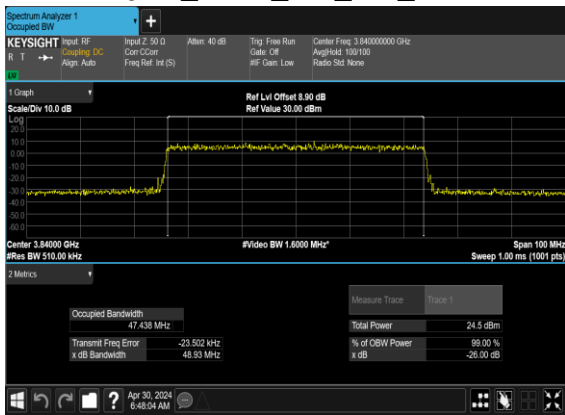
N77(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



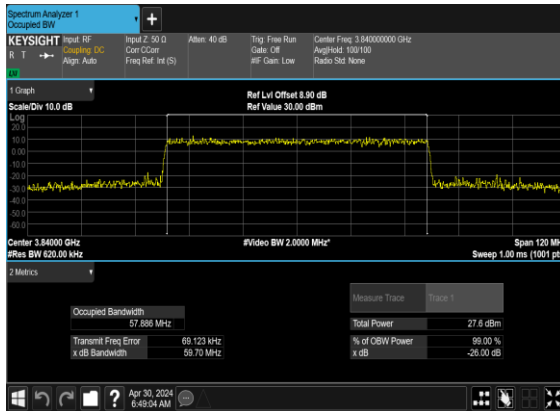
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QAM_Outer_Full_Mid_CH



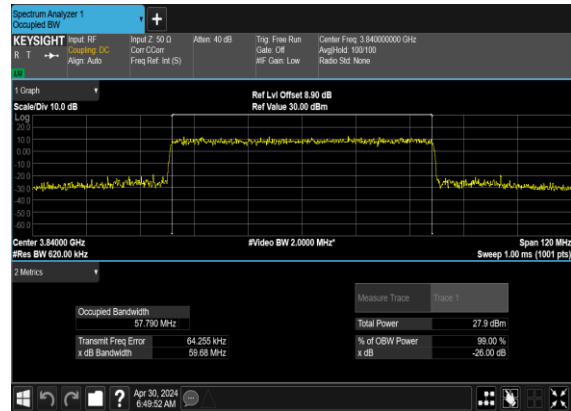
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QAM_Outer_Full_Mid_CH



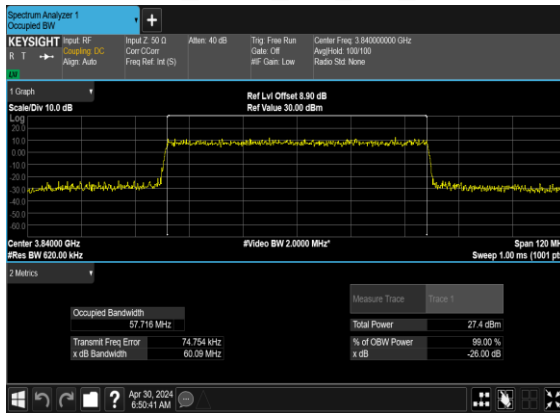
N77(60M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



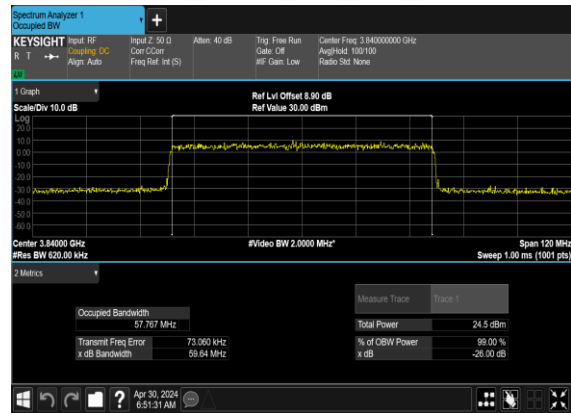
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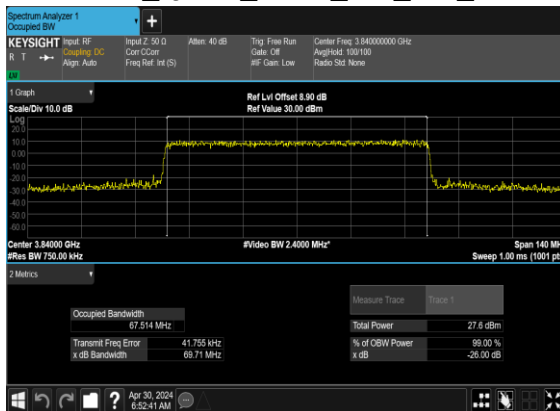
N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



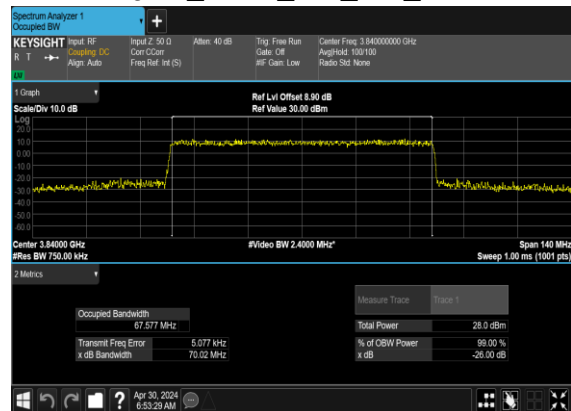
N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N77(70M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



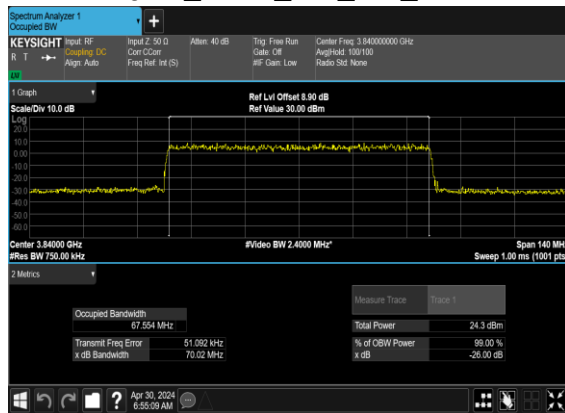
N77(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N77(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



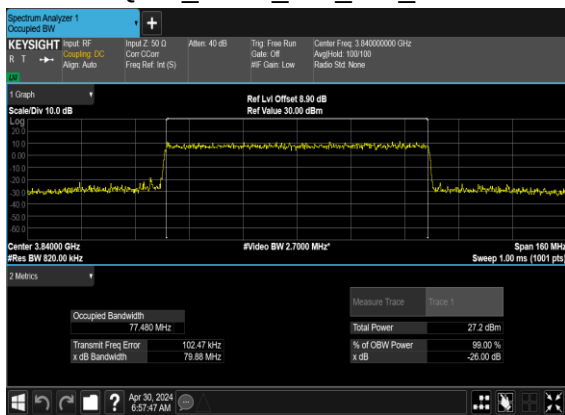
N77(80M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



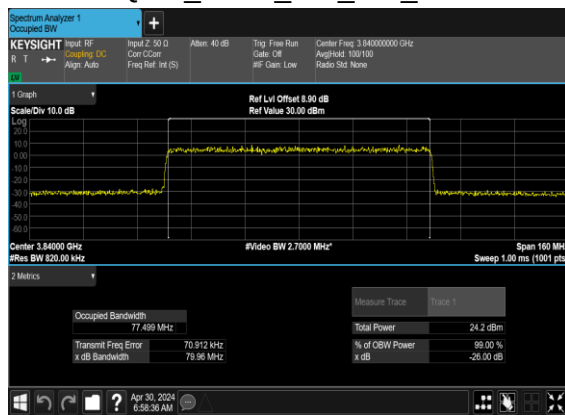
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QAM_Outer_Full_Mid_CH



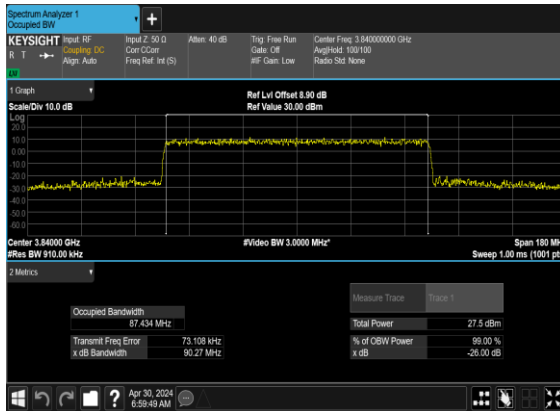
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QAM_Outer_Full_Mid_CH



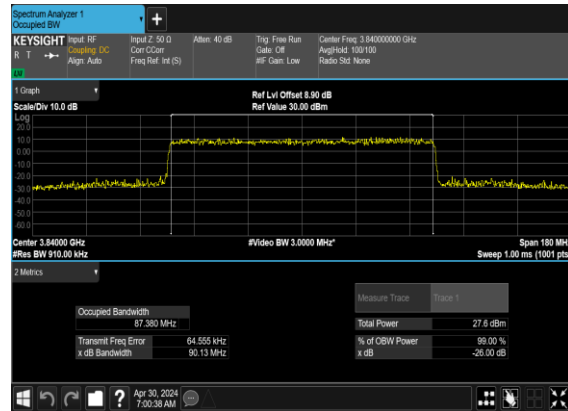
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QAM_Outer_Full_Mid_CH



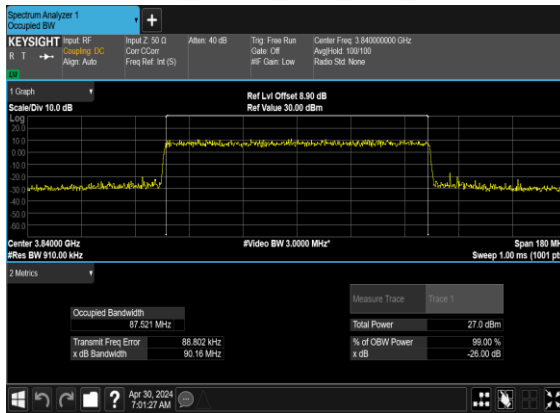
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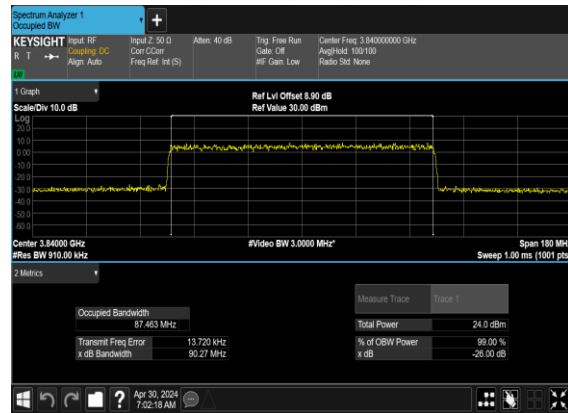
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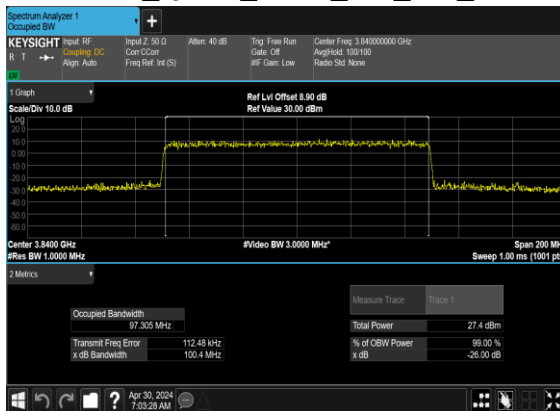
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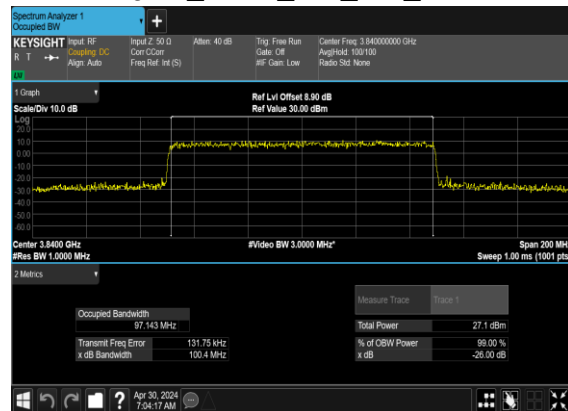
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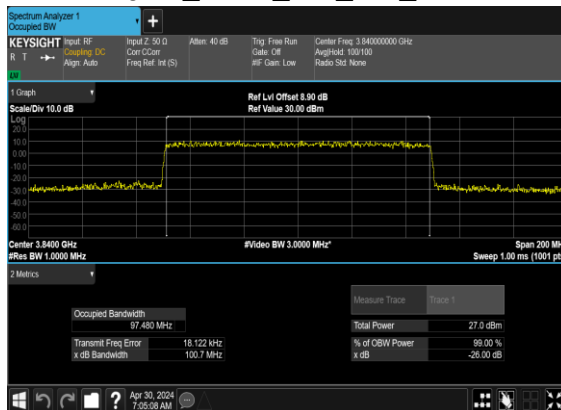
N77(100M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



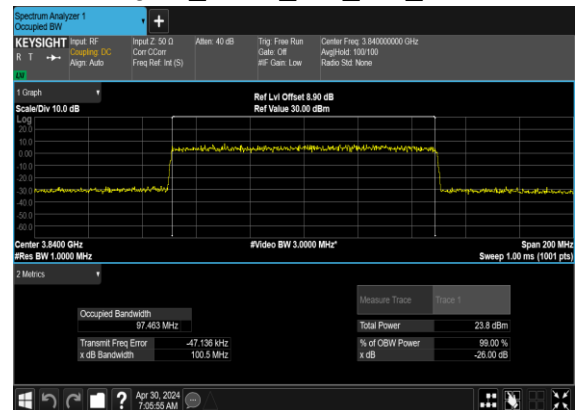
N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



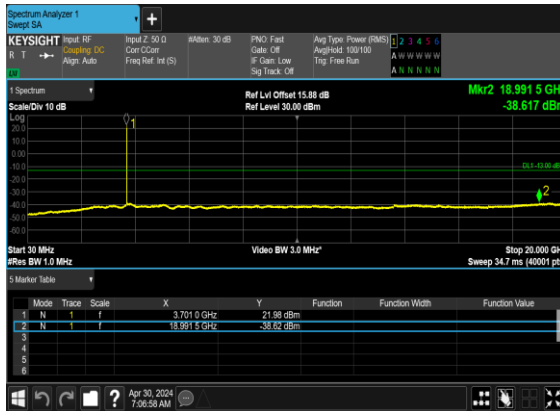
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	---

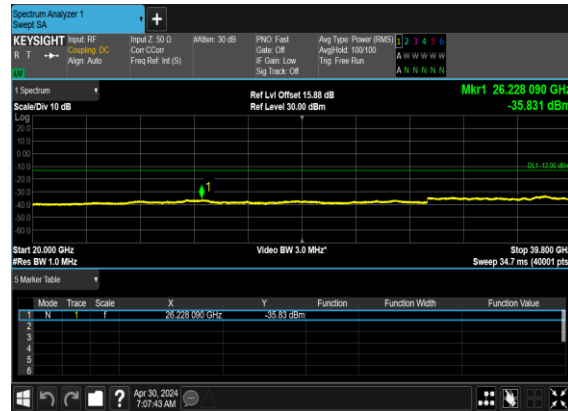
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---

77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

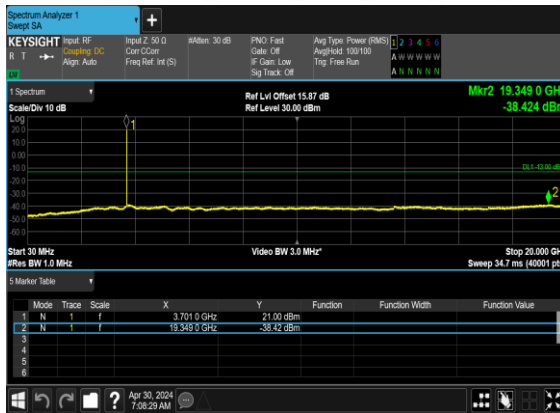
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



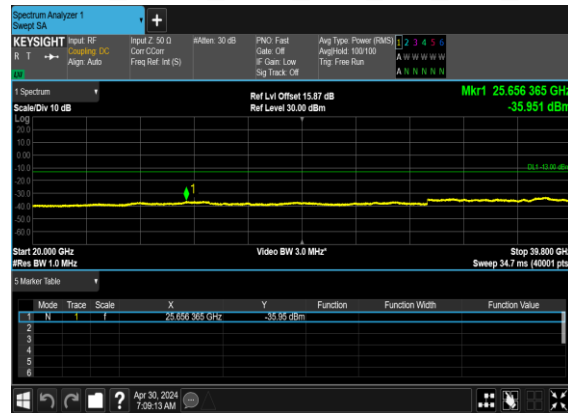
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



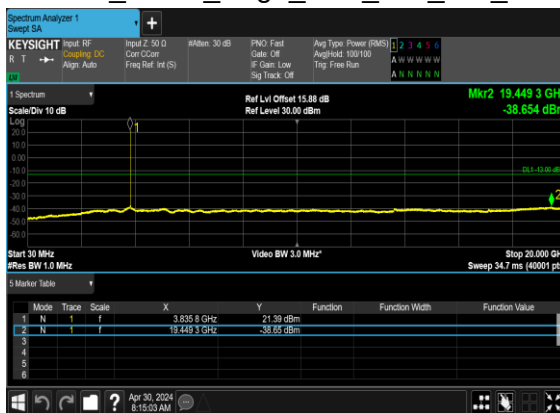
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



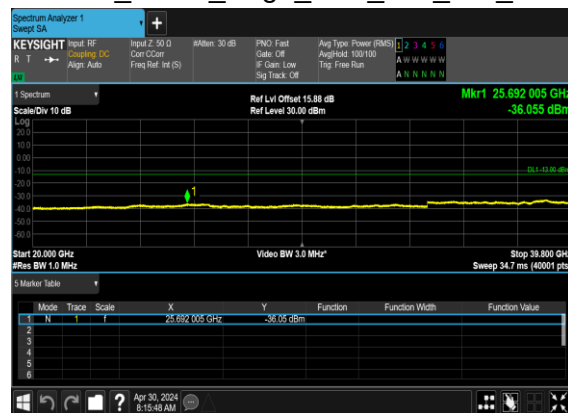
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



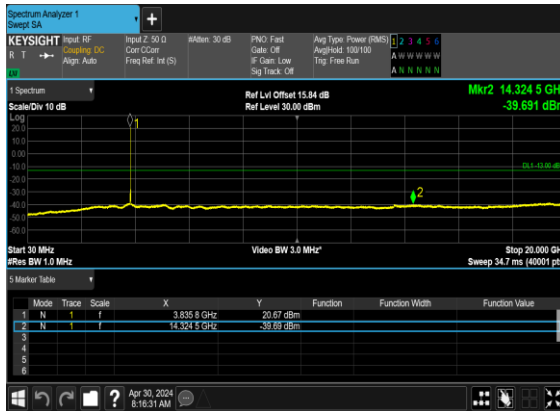
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



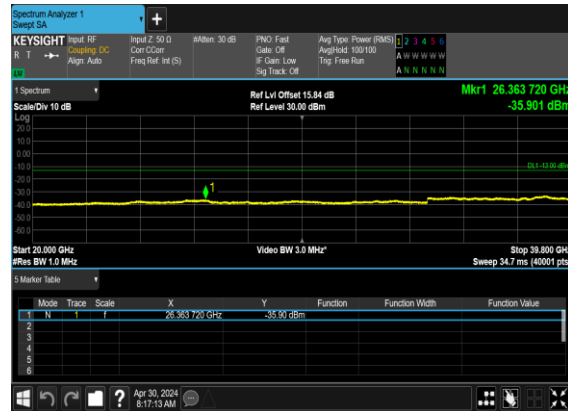
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



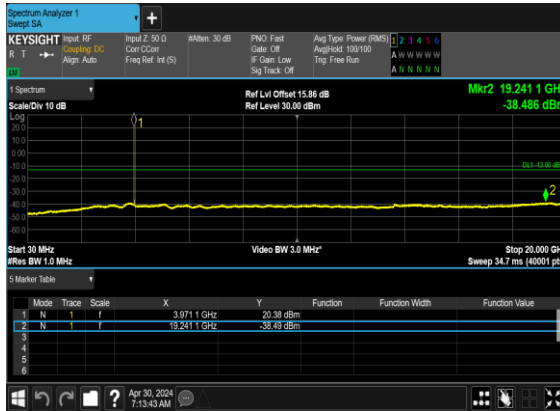
N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



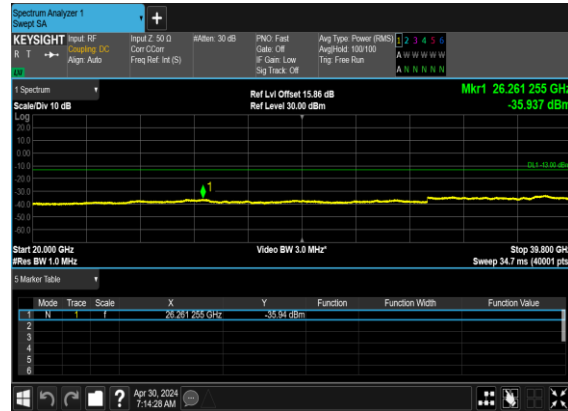
N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



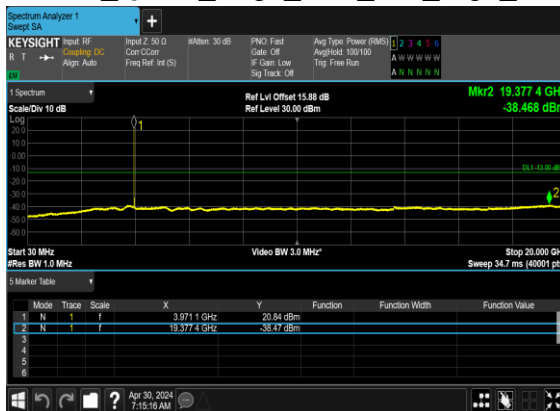
N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



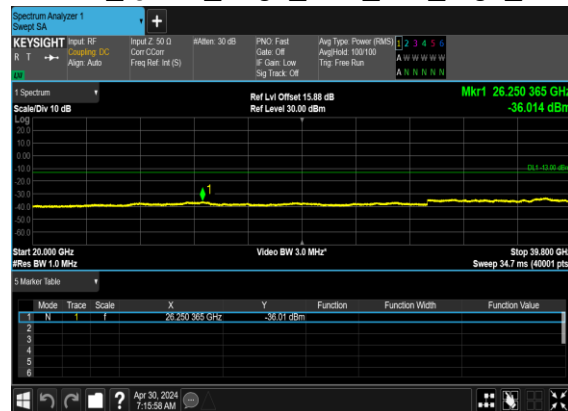
N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



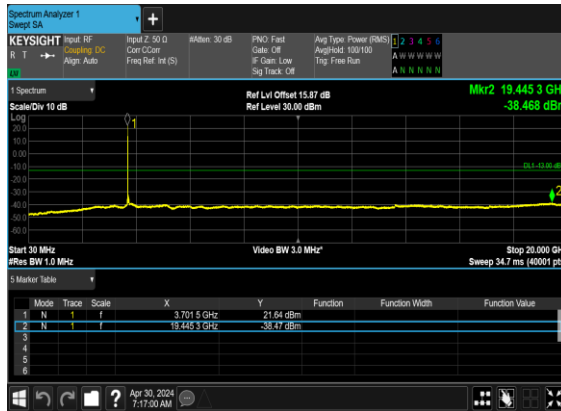
N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



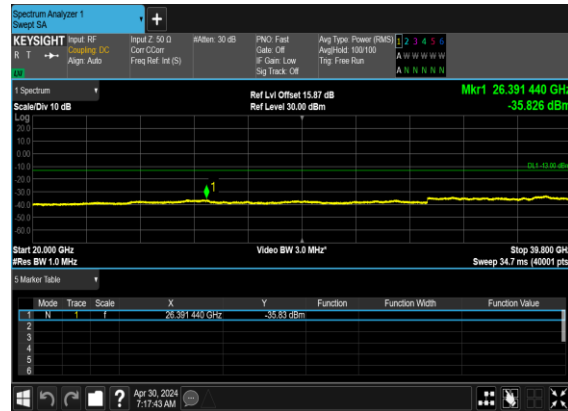
N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



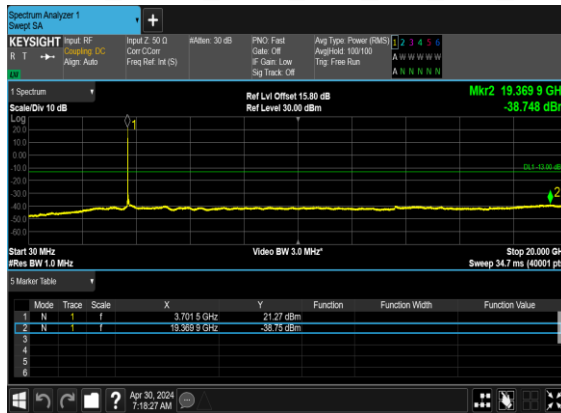
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



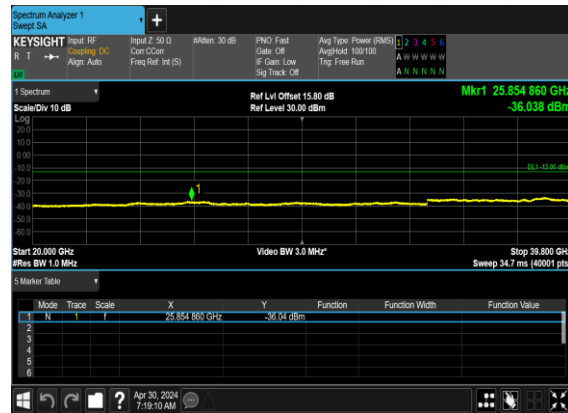
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



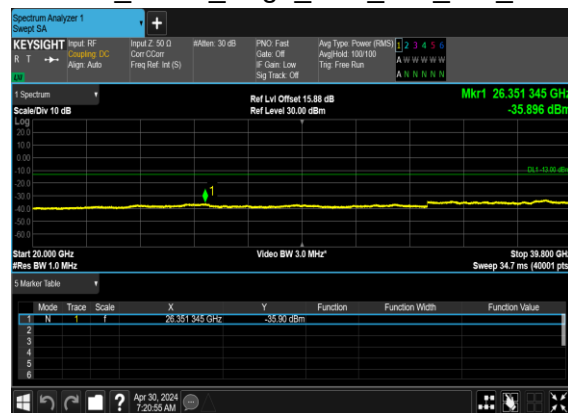
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



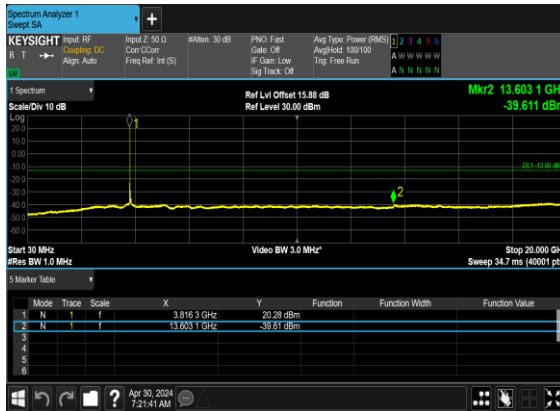
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



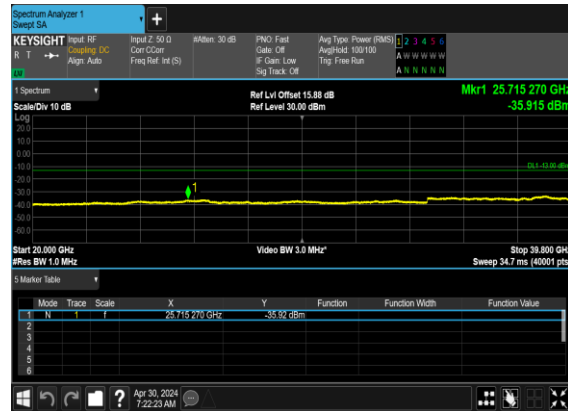
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



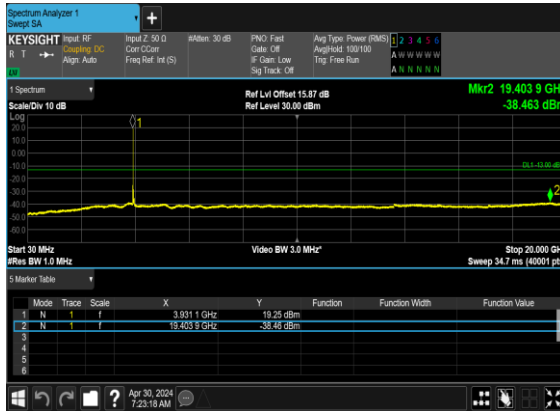
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



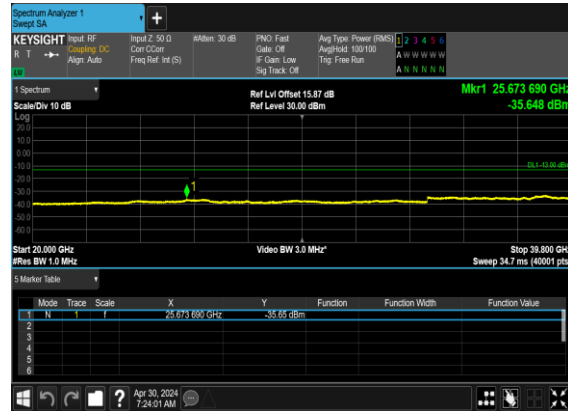
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



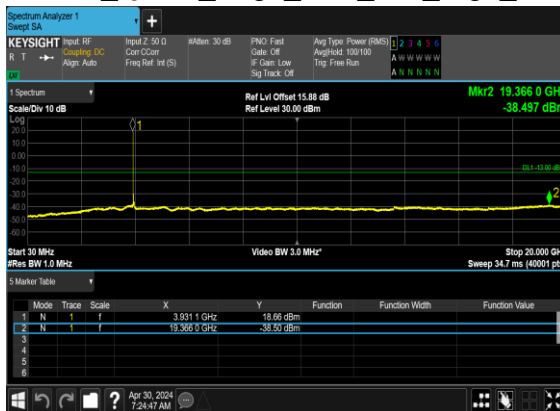
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



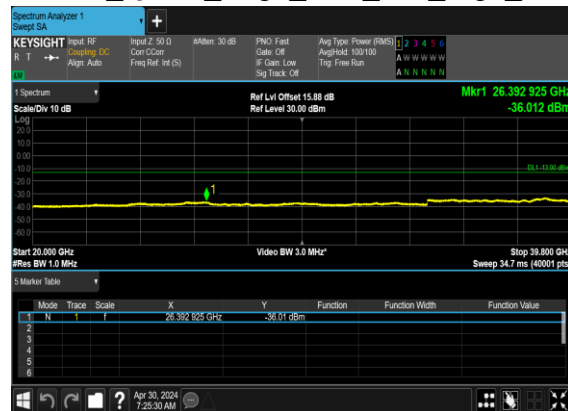
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



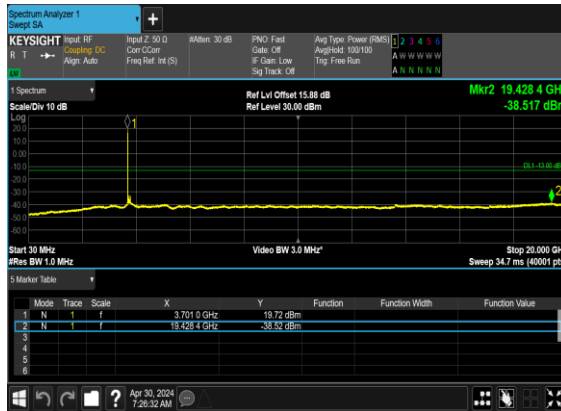
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



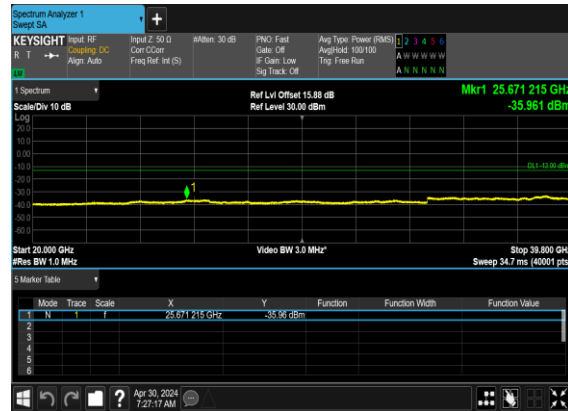
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



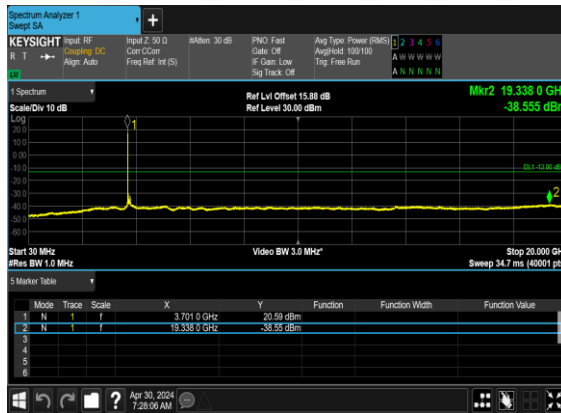
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



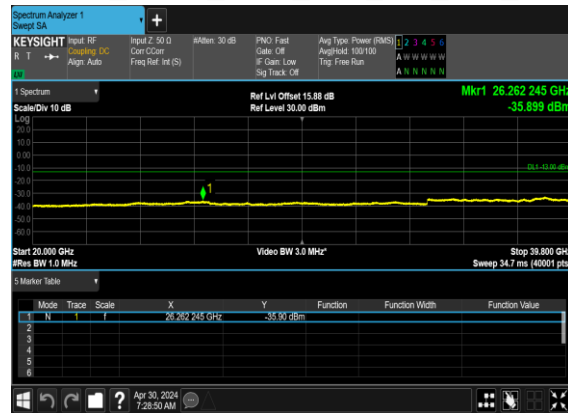
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



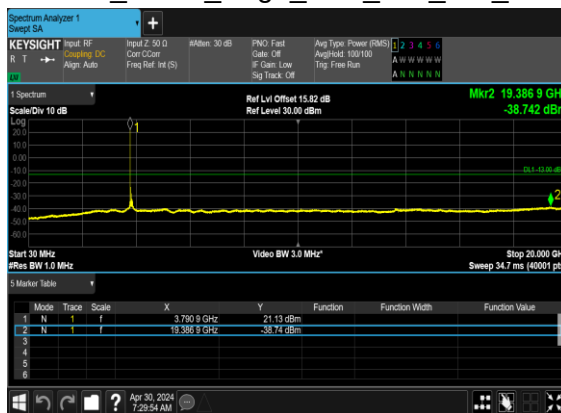
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



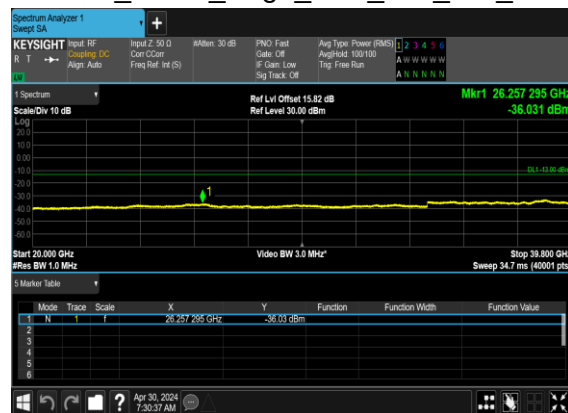
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



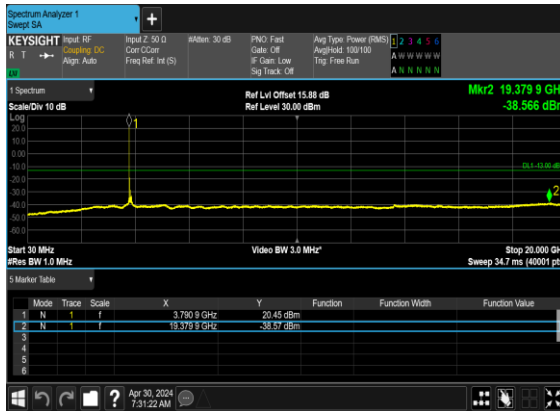
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



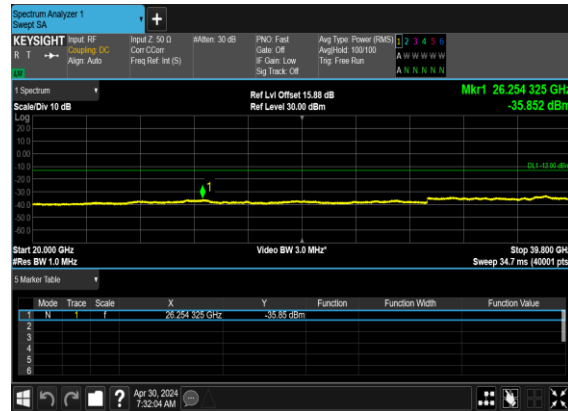
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



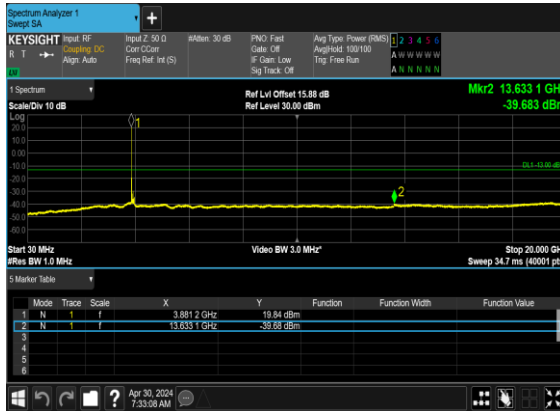
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



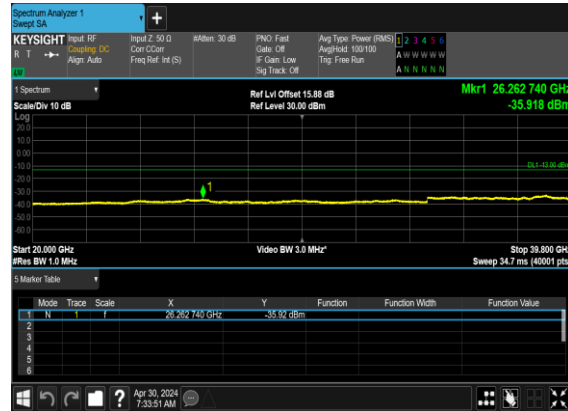
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



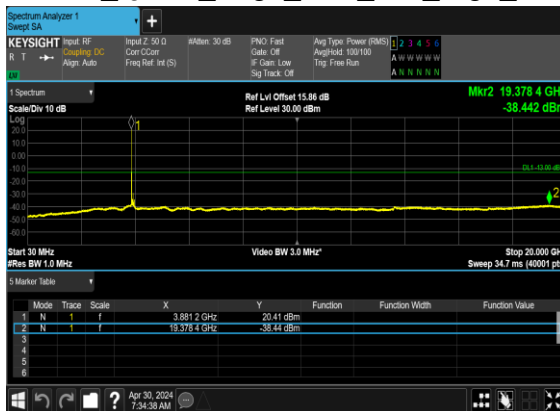
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



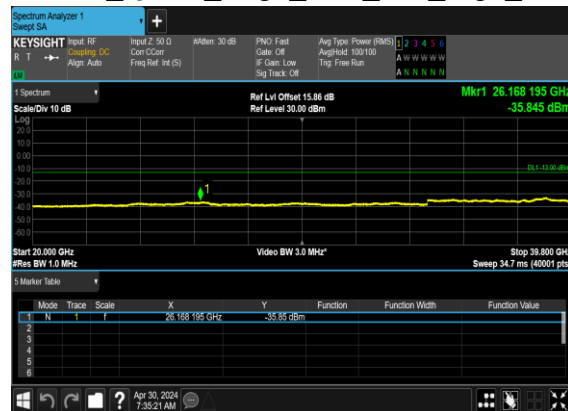
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



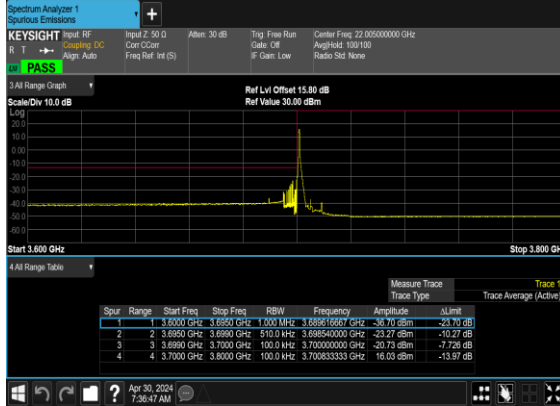
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



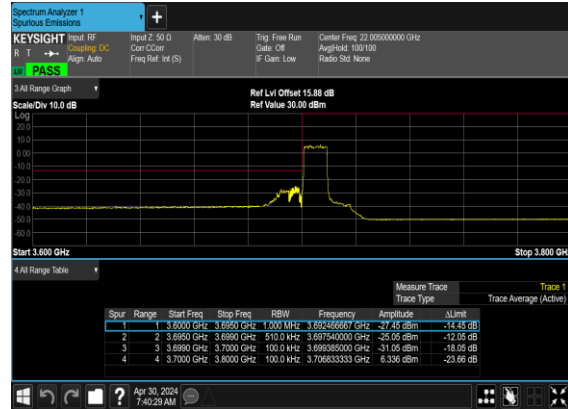
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



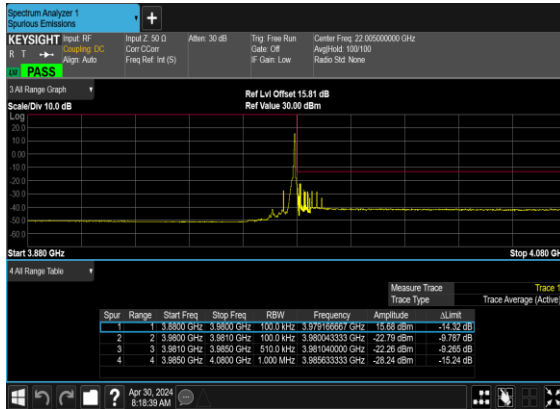
N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



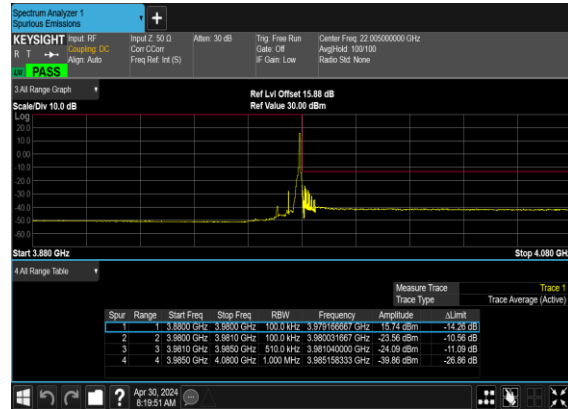
N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



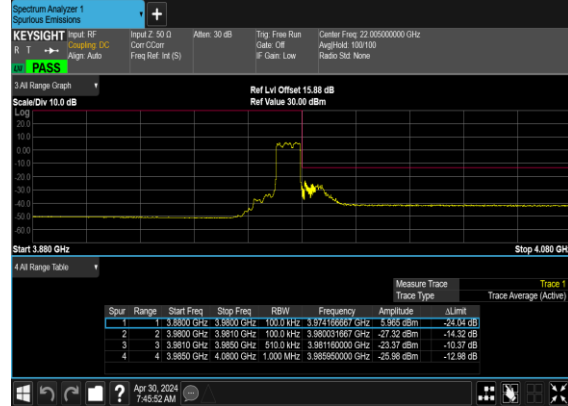
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



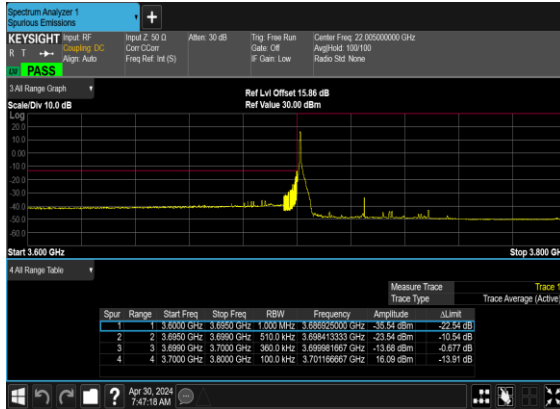
N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



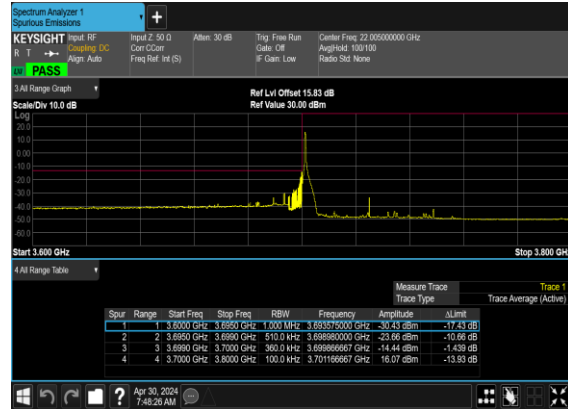
N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



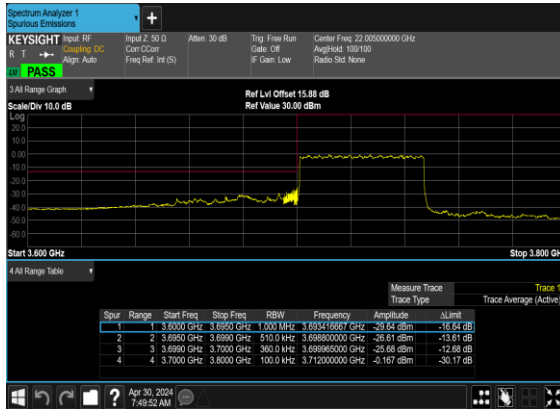
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



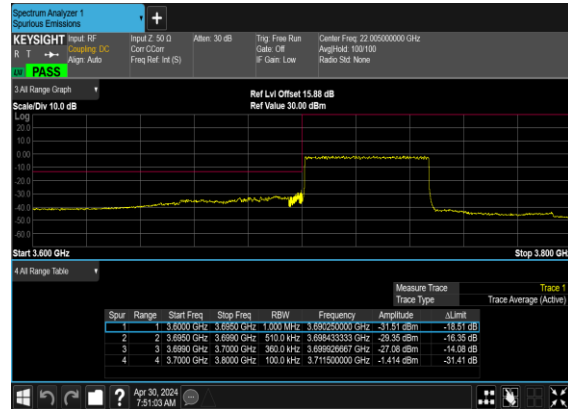
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



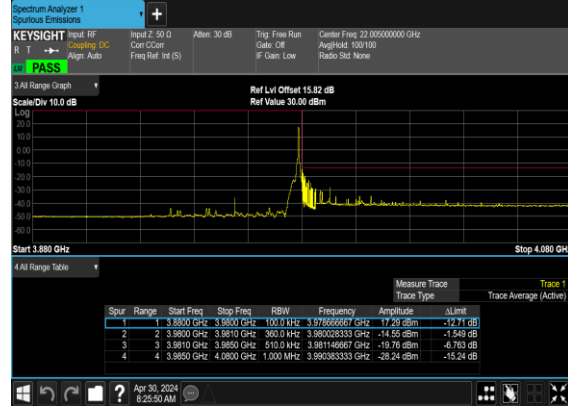
N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



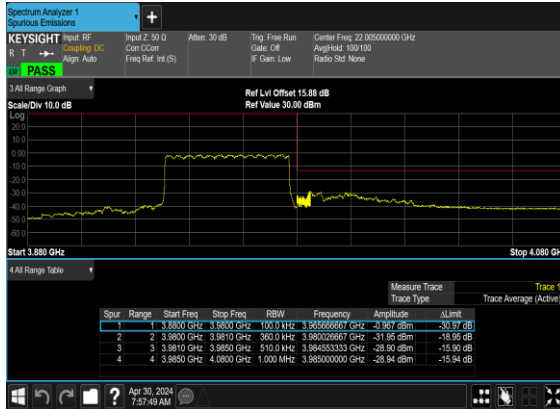
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



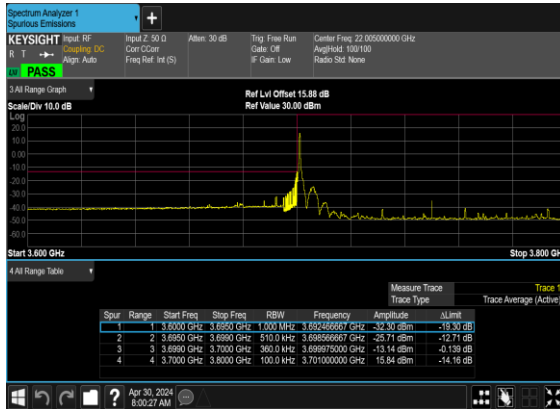
N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



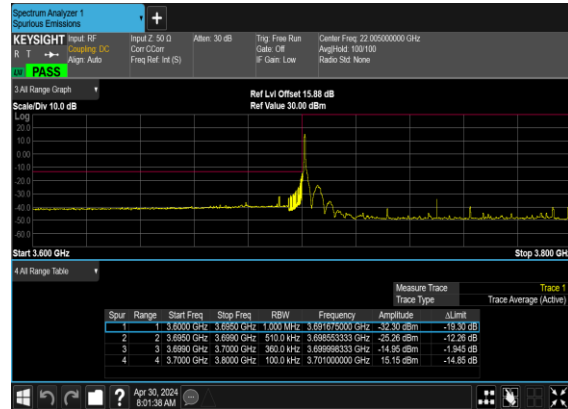
N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



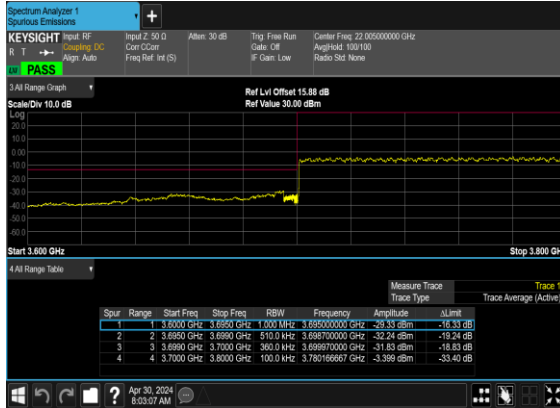
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



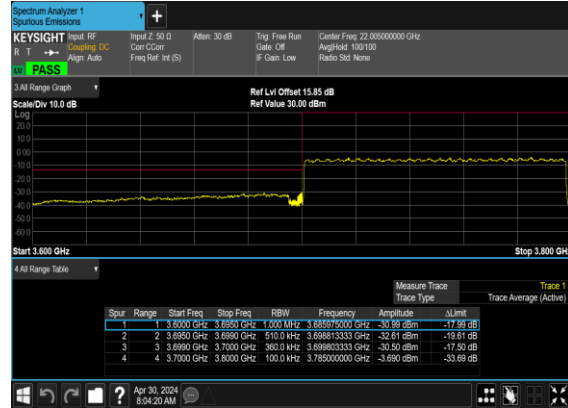
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



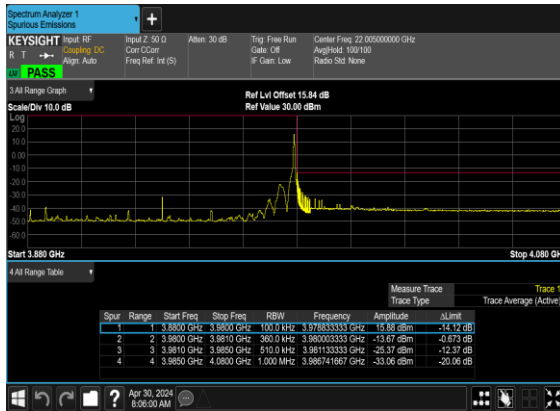
N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



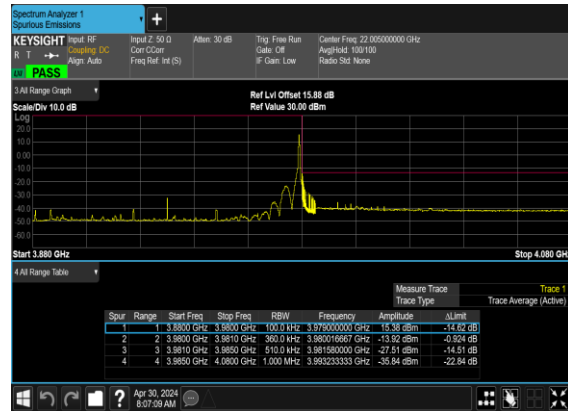
N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



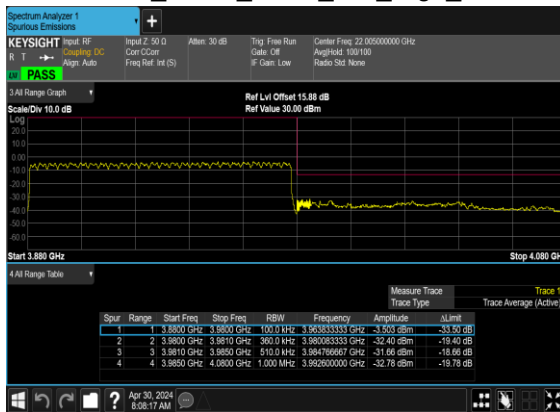
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



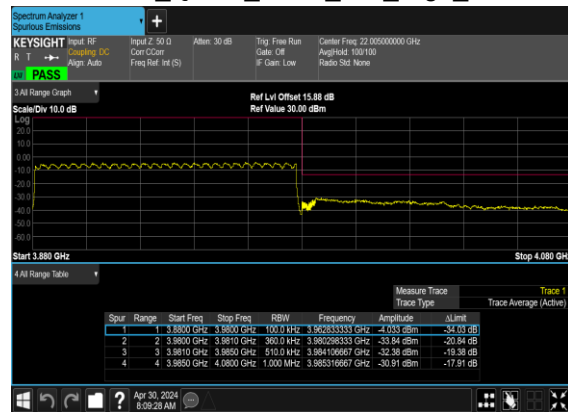
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N78-SCS 30K

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=3dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	25.41	28.41	0.6934
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	24.37	27.37	0.5458
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	25.35	28.35	0.6839
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.4	27.4	0.5495
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	25.43	28.43	0.6966
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	24.52	27.52	0.5649
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	25.38	28.38	0.6887
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	24.14	27.14	0.5176
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	25.35	28.35	0.6839
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.42	27.42	0.5521
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	25.26	28.26	0.6699
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	24.37	27.37	0.5458
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.33	28.33	0.6808
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	24.19	27.19	0.5236
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	25.46	28.46	0.7015
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.29	27.29	0.5358
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	25.35	28.35	0.6839
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	24.07	27.07	0.5093
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	25.38	28.38	0.6887
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	24.23	27.23	0.5284
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	25.34	28.34	0.6823
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.16	27.16	0.5200
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	25.08	28.08	0.6427
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	24.01	27.01	0.5023
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	25.1	28.1	0.6457
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	23.77	26.77	0.4753
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	25.07	28.07	0.6412
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.06	27.06	0.5082
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	24.83	27.83	0.6067
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	23.72	26.72	0.4699
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	25.29	28.29	0.6745
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	23.99	26.99	0.5000
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	25.46	28.46	0.7015
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.27	27.27	0.5333
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	25.1	28.1	0.6457
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	23.97	26.97	0.4977

78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	25.16	28.16	0.6546
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	24.15	27.15	0.5188
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	25.37	28.37	0.6871
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.09	27.09	0.5117
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	25.45	28.45	0.6998
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	24.25	27.25	0.5309
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	25.11	28.11	0.6471
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	24.08	27.08	0.5105
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	25.2	28.2	0.6607
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	24	27	0.5012
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	25.22	28.22	0.6637
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	24.12	27.12	0.5152
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	25.01	28.01	0.6324
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	23.89	26.89	0.4887
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	25.13	28.13	0.6501
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.86	26.86	0.4853
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	25.08	28.08	0.6427
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	23.84	26.84	0.4831
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	24.87	27.87	0.6124
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	23.73	26.73	0.4710
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	24.97	27.97	0.6266
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.73	26.73	0.4710
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	24.84	27.84	0.6081
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	23.87	26.87	0.4864
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.4	28.4	0.6918
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	24.72	27.72	0.5916
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	24.92	27.92	0.6194
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	25.58	28.58	0.7211
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	24.68	27.68	0.5861
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	25.17	28.17	0.6561
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	24.52	27.52	0.5649
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.68	26.68	0.4656
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	23.83	26.83	0.4819
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.01	26.01	0.3990
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.33	25.33	0.3412
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	22.51	25.51	0.3556
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.11	24.11	0.2576
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.84	23.84	0.2421
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	21.21	24.21	0.2636
78	30	100	650000	3750	CP-OFDM QPSK	137@68	24	27	0.5012
78	30	100	650000	3750	CP-OFDM QPSK	1@1	23.25	26.25	0.4217
78	30	100	650000	3750	CP-OFDM QPSK	1@271	23.4	26.4	0.4365



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Qingsheng He	Temperature :	22~25°C
		Relative Humidity :	48~52%

n77 SA / NR 100MHz / QPSK / Sample 1 & Monopole Antenna									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7582.36	-56.04	-13	-43.04	-64.35	-59.34	8.30	11.60	H
	11373.54	-54.37	-13	-41.37	-68.71	-55.89	10.48	12.00	H
	15164.72	-51.20	-13	-38.20	-69.29	-52.90	11.80	13.50	H
	7582.36	-47.75	-13	-34.75	-56.06	-51.05	8.30	11.60	V
	11373.54	-50.35	-13	-37.35	-68.77	-51.87	10.48	12.00	V
	15164.72	-51.51	-13	-38.51	-69.59	-53.21	11.80	13.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_30A_n77A / LTE 10MHz + NR 100MHz / Sample 1 & Monopole Antenna									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n77 Middle	7582.36	-55.79	-13	-42.79	-64.10	-59.09	8.30	11.60	H
	11373.54	-54.49	-13	-41.49	-68.83	-56.01	10.48	12.00	H
	15164.72	-51.13	-13	-38.13	-69.22	-52.83	11.80	13.50	H
	7582.36	-51.82	-13	-38.82	-60.13	-55.12	8.30	11.60	V
	11373.54	-50.44	-13	-37.44	-68.86	-51.96	10.48	12.00	V
	15164.72	-51.80	-13	-38.80	-69.88	-53.50	11.80	13.50	V
LTE Band30 Middle	4611.00	-57.91	-40	-17.91	-82.47	-64.16	6.45	12.70	H
	6916.50	-58.27	-40	-18.27	-65.77	-61.67	8.40	11.80	H
	9222.00	-59.67	-40	-19.67	-69.19	-62.02	9.65	12.00	H
	4611.00	-57.79	-40	-17.79	-82.48	-64.04	6.45	12.70	V
	6916.50	-57.13	-40	-17.13	-65.73	-60.53	8.40	11.80	V
	9222.00	-57.45	-40	-17.45	-69.2	-59.80	9.65	12.00	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.