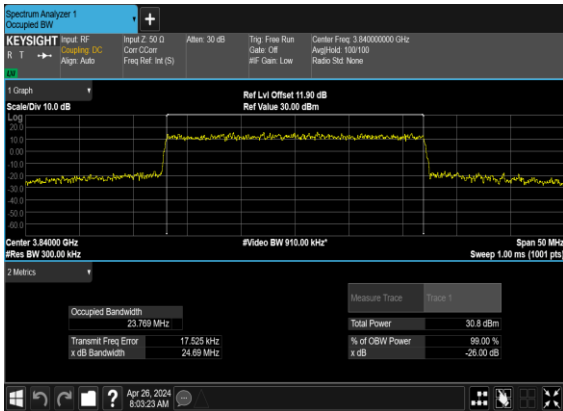
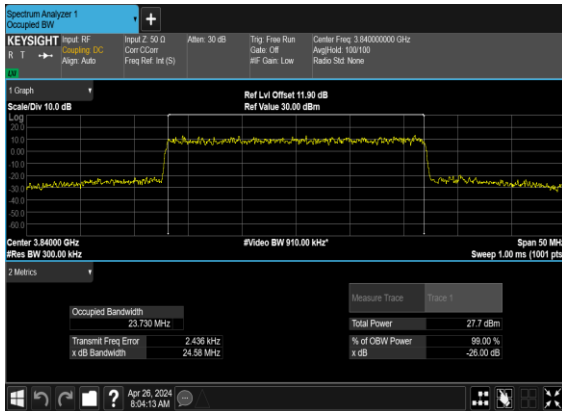


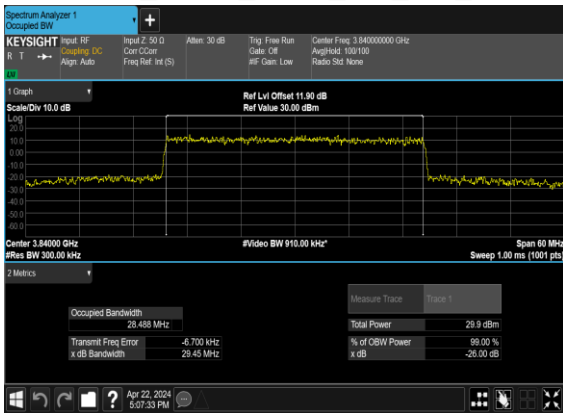
N77(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



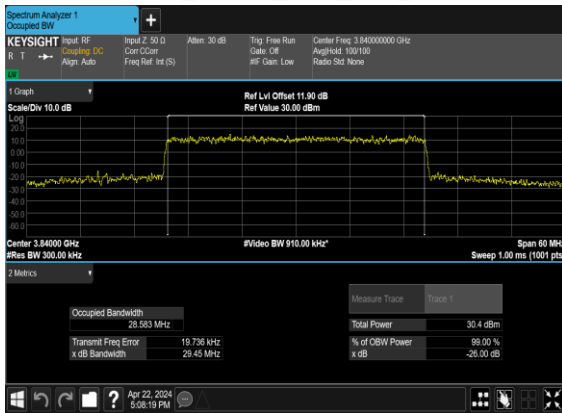
N77(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



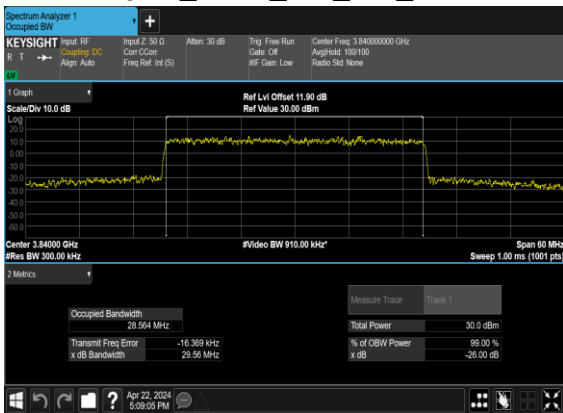
N77(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



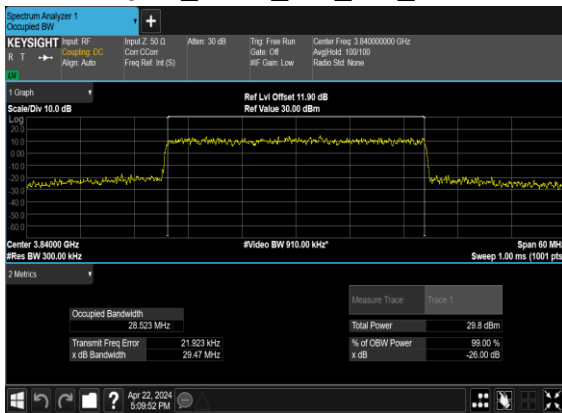
N77(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



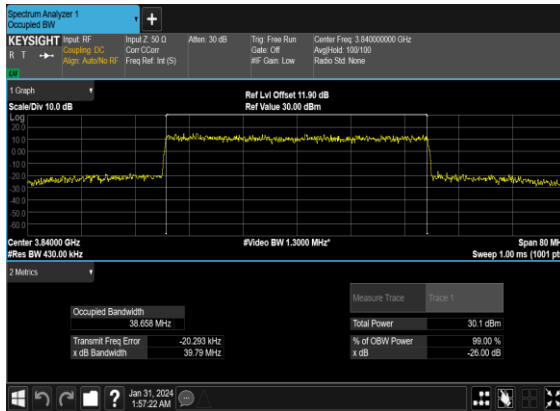
N77(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



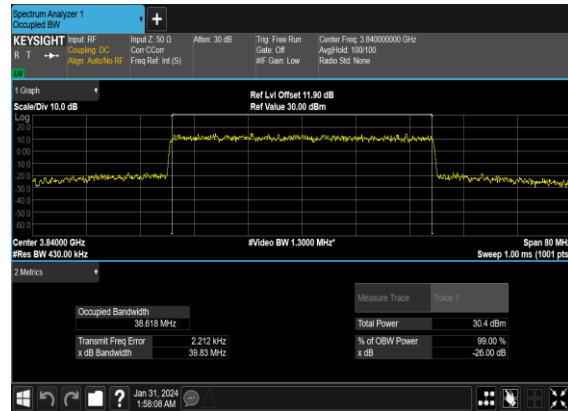
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QAM_Outer_Full_Mid_CH



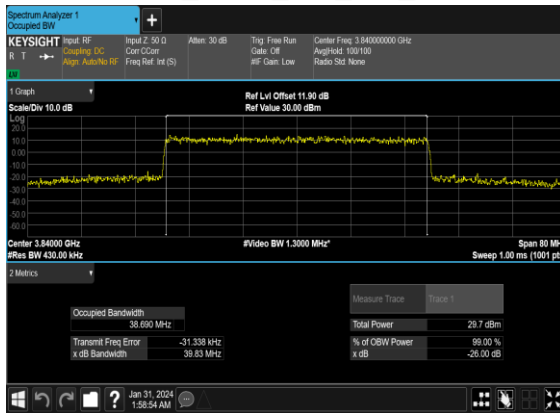
N77(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



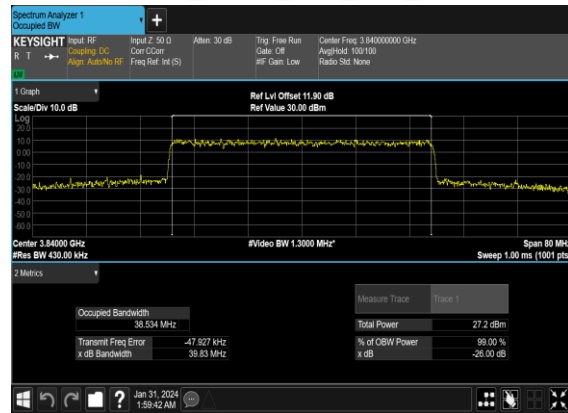
N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



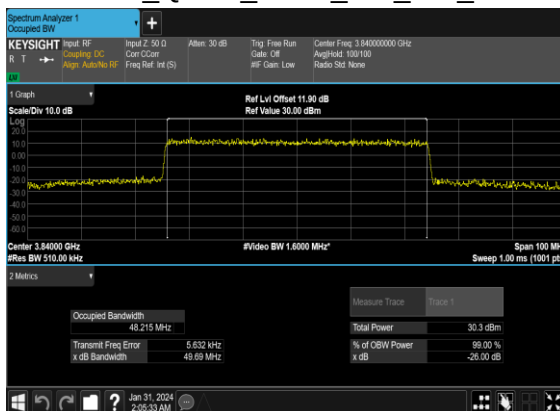
N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



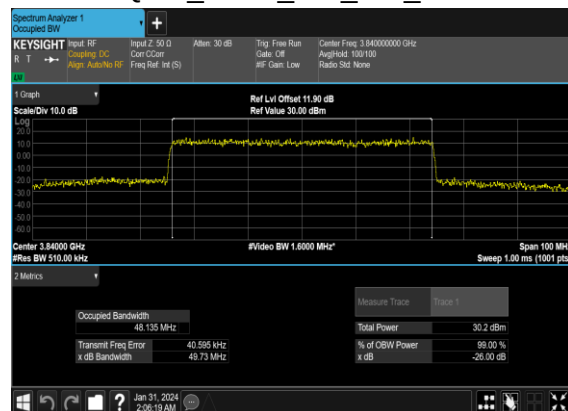
N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



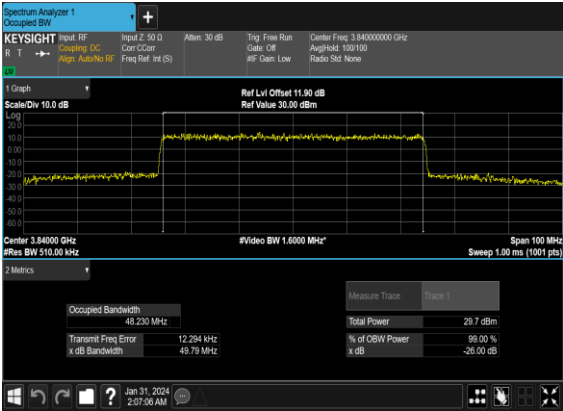
N77(50M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



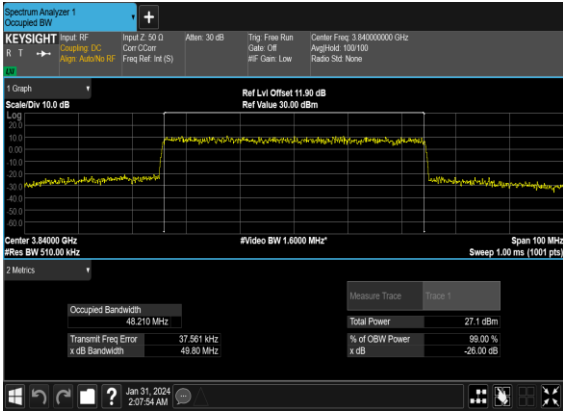
N77(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

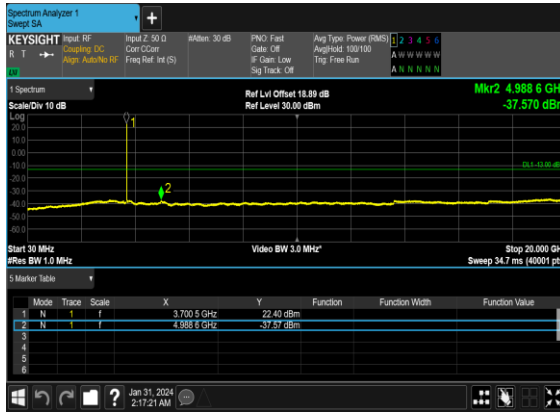


Conducted Spurious Emissions

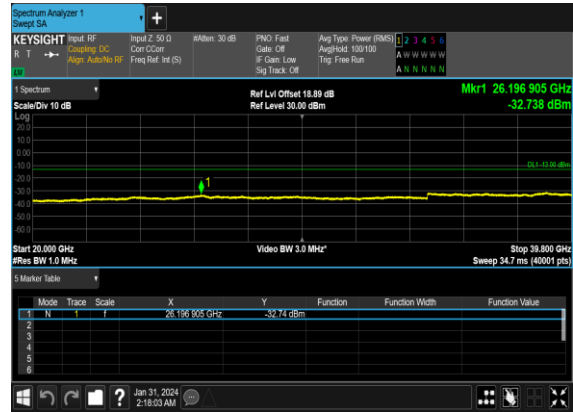
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	25	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	25	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	25	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	25	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	25	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	25	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	---

77	15	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	PASS

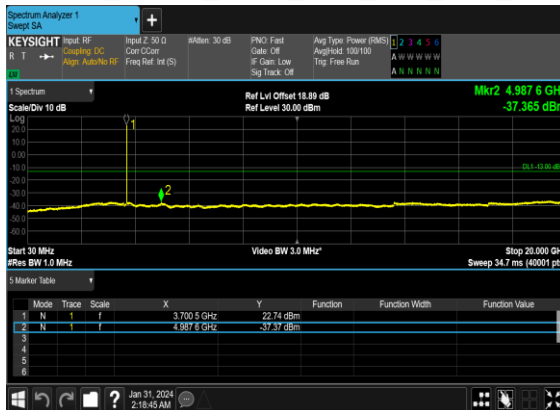
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



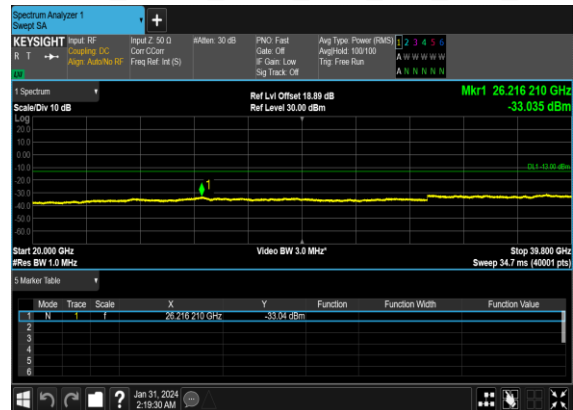
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



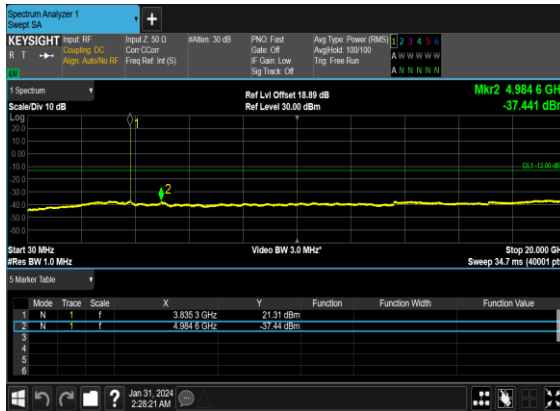
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



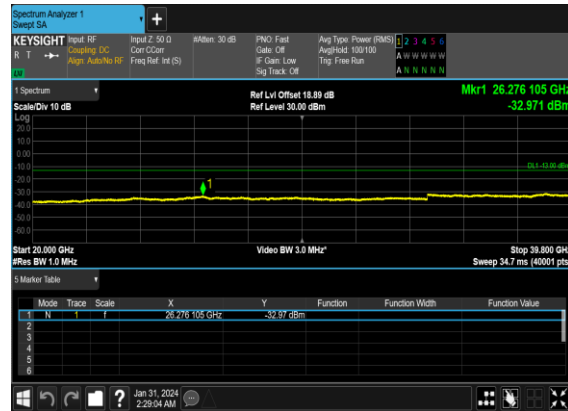
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



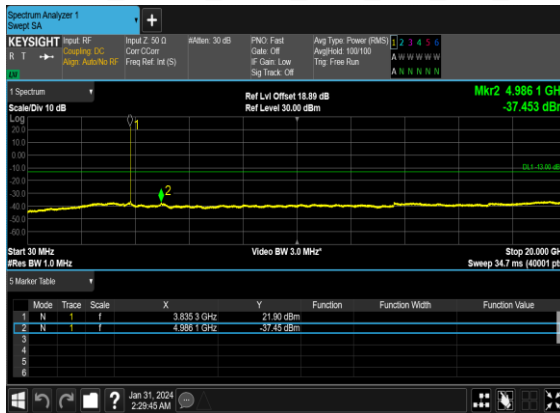
N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



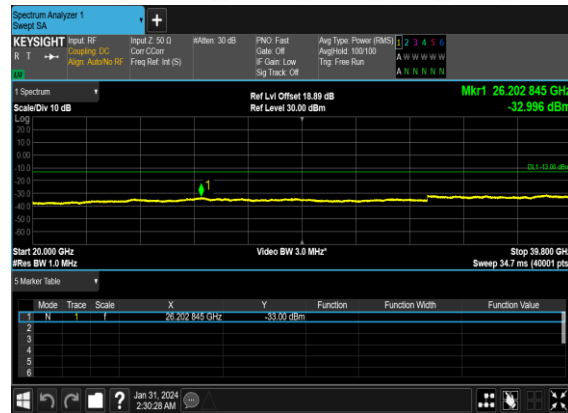
N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



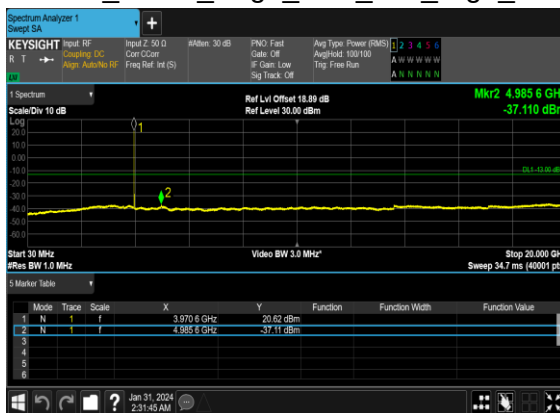
N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



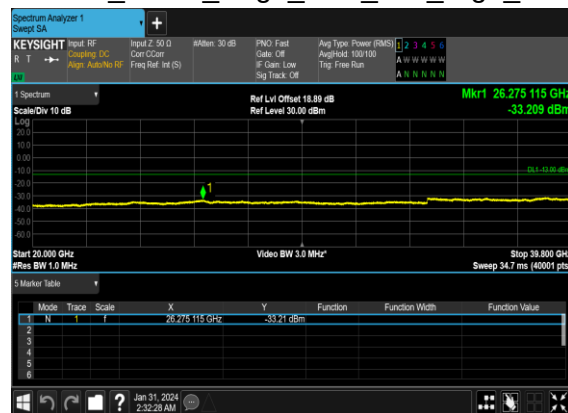
N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



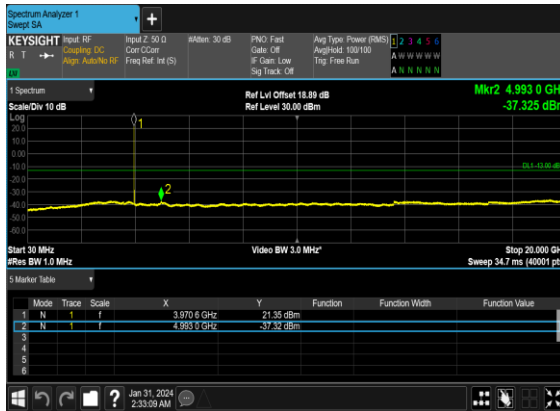
N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



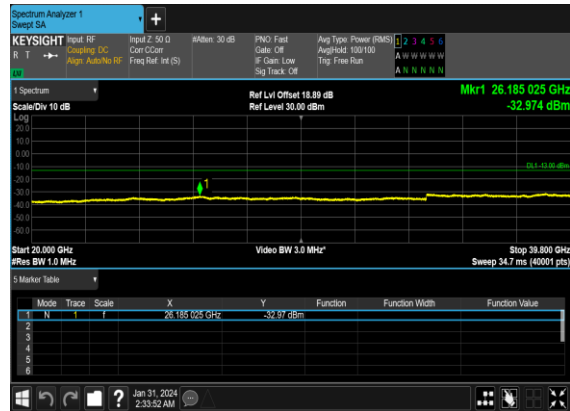
N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



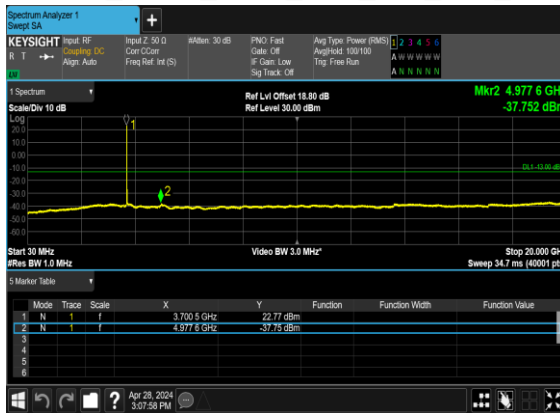
N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



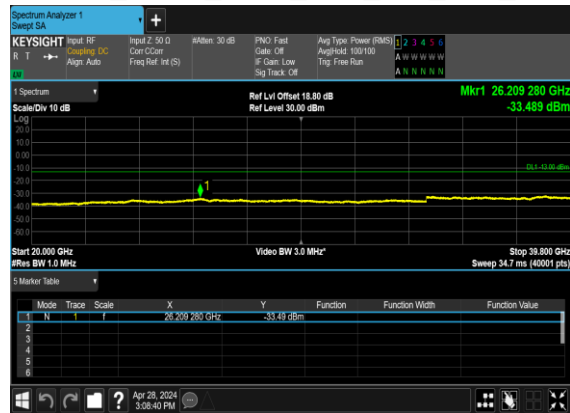
N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



N77(25M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



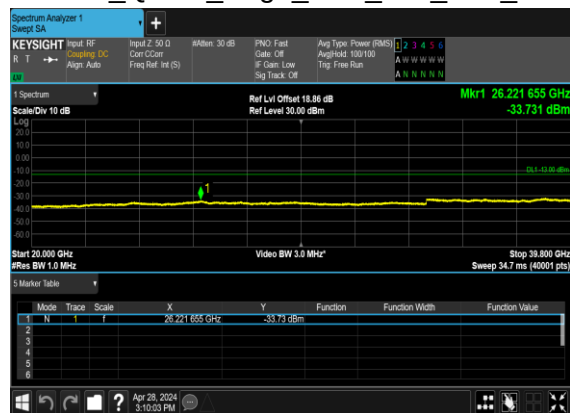
N77(25M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



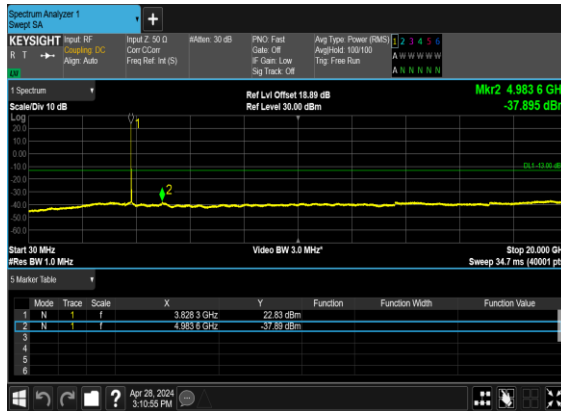
N77(25M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



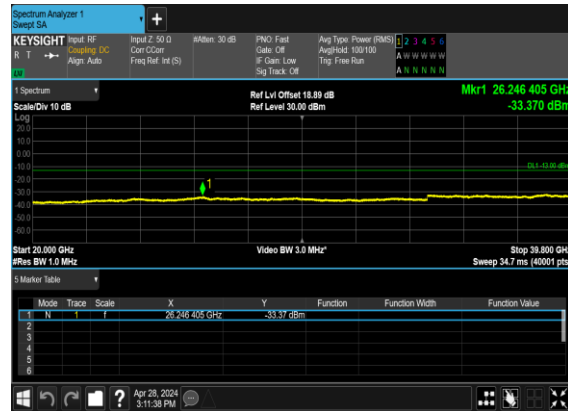
N77(25M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



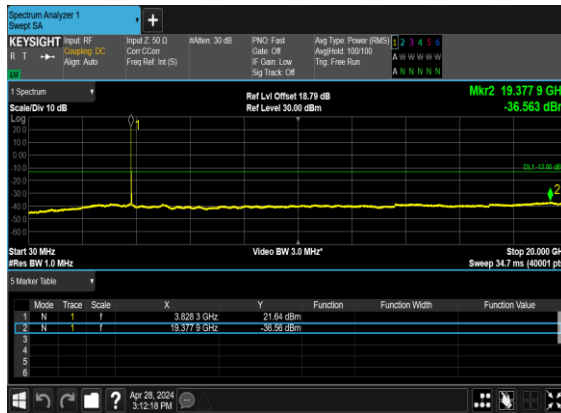
N77(25M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



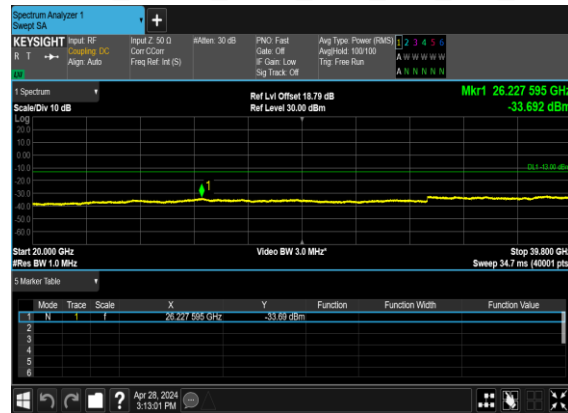
N77(25M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



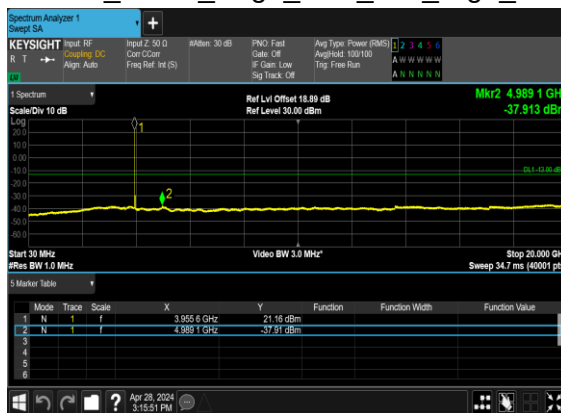
N77(25M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



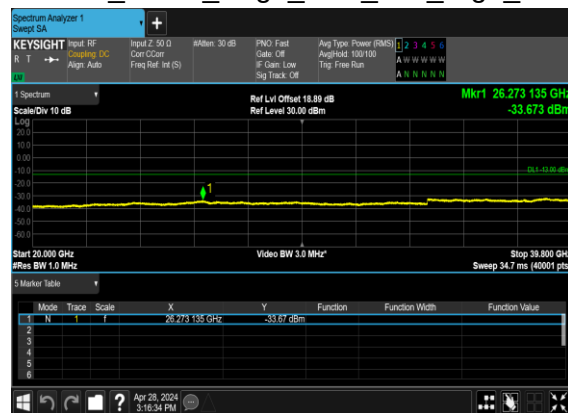
N77(25M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



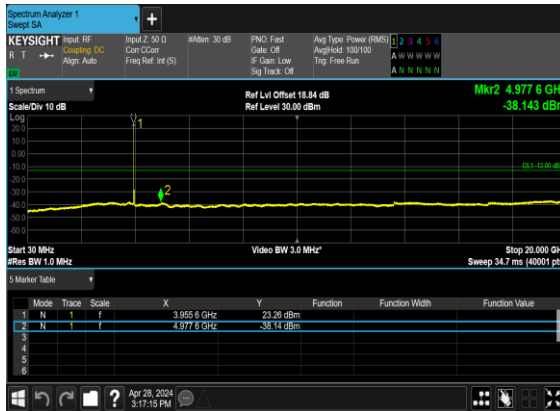
N77(25M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



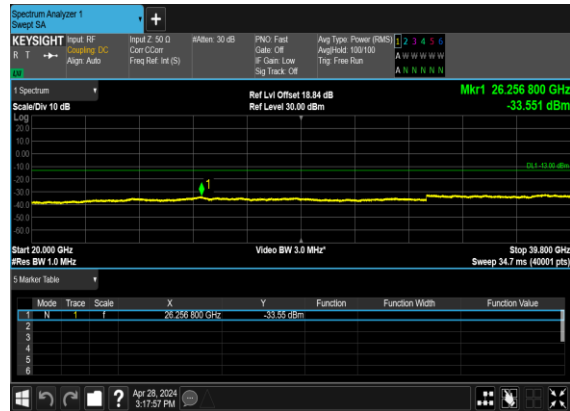
N77(25M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



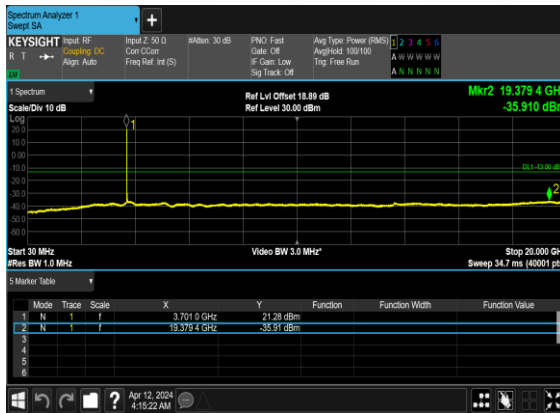
N77(25M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



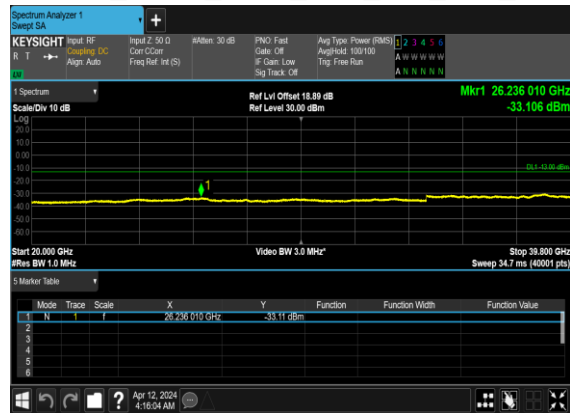
N77(25M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



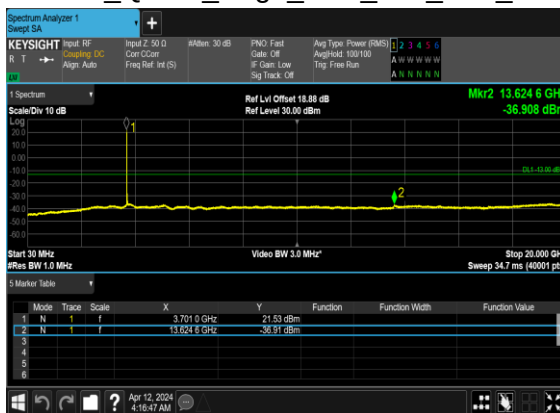
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



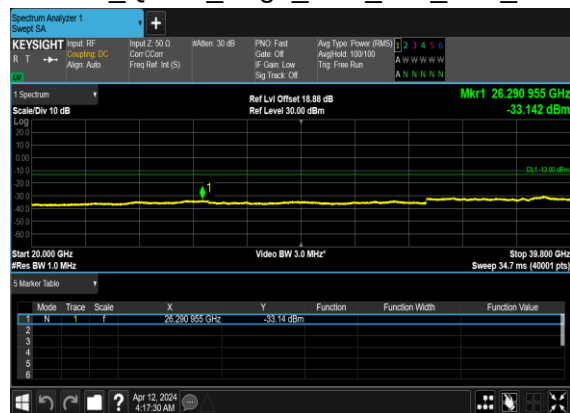
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



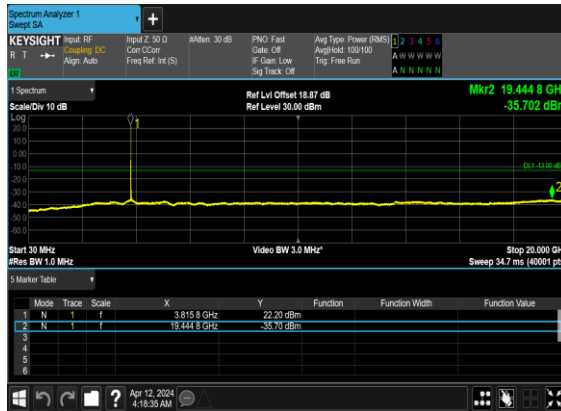
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



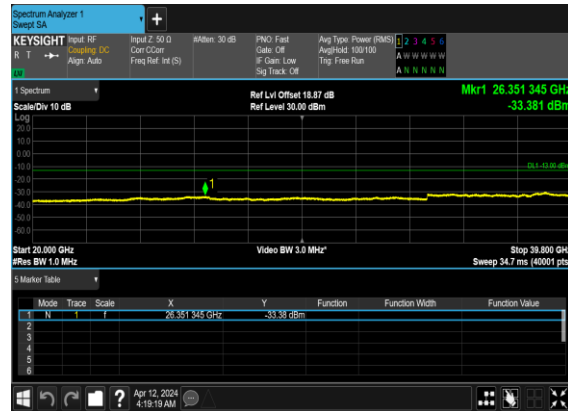
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



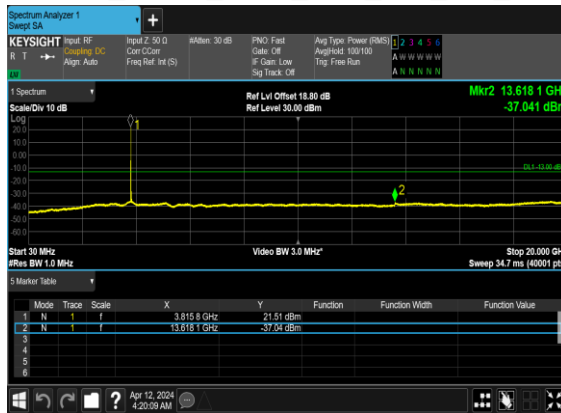
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



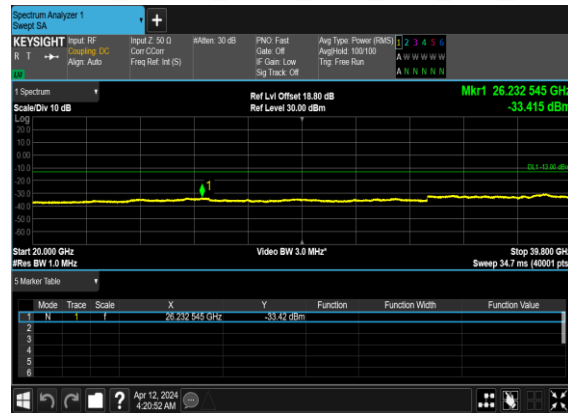
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



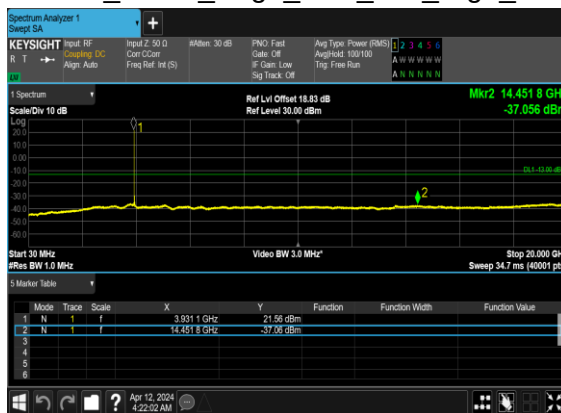
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



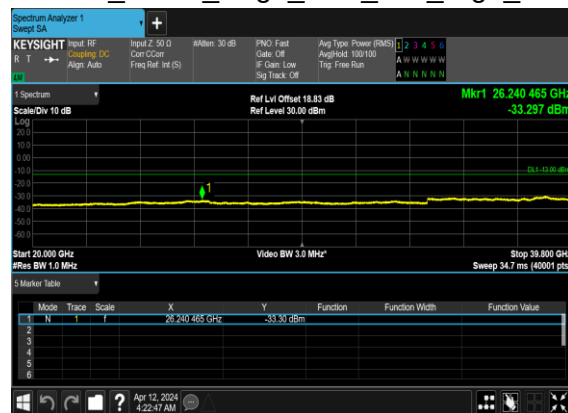
N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



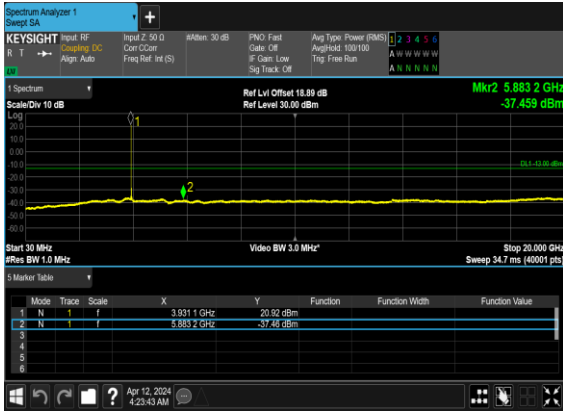
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



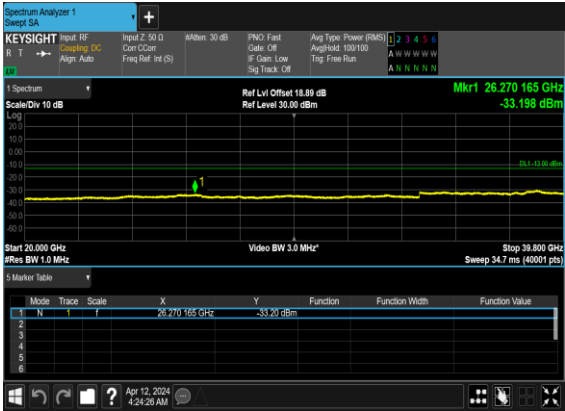
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



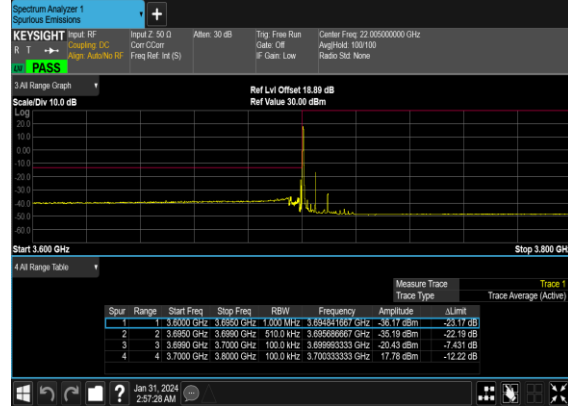
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	1@132	see graph	PASS
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	1@132	see graph	PASS
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	270@0	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	1@269	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@269	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	270@0	see graph	PASS

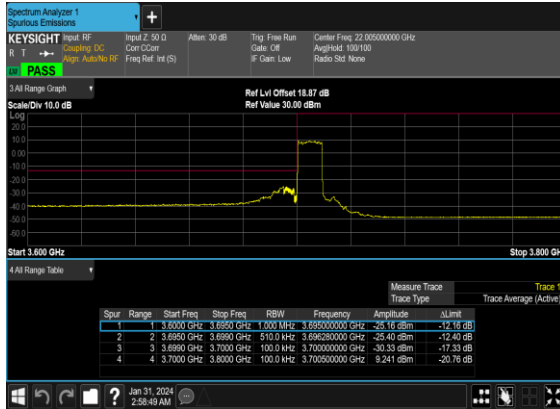
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



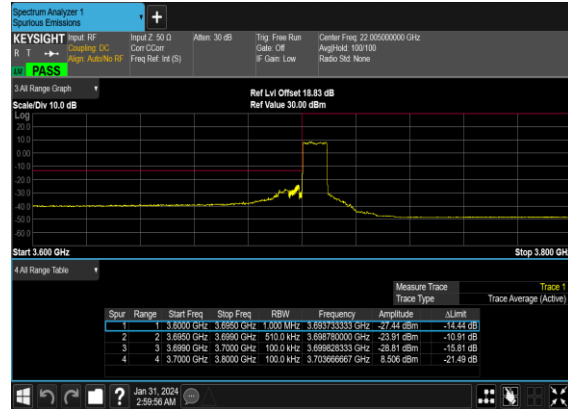
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



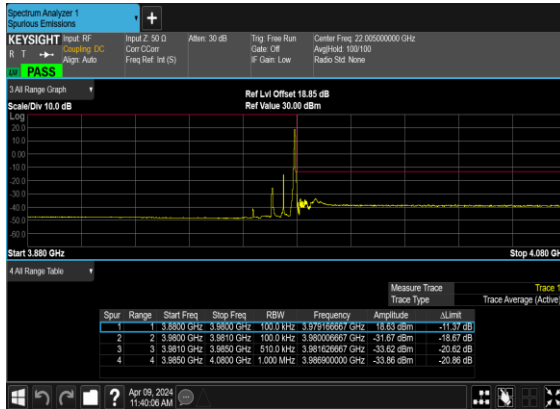
N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



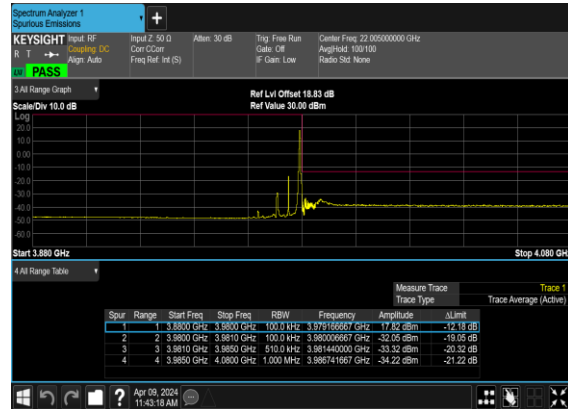
N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



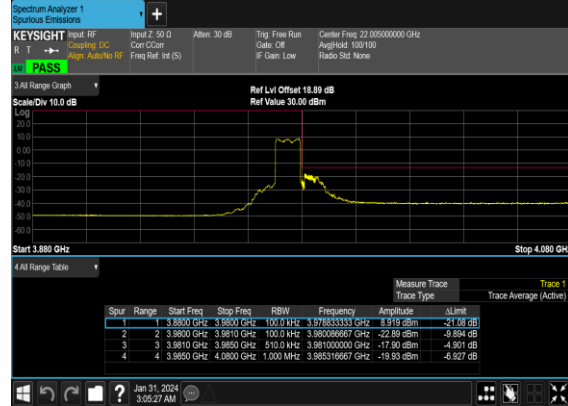
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



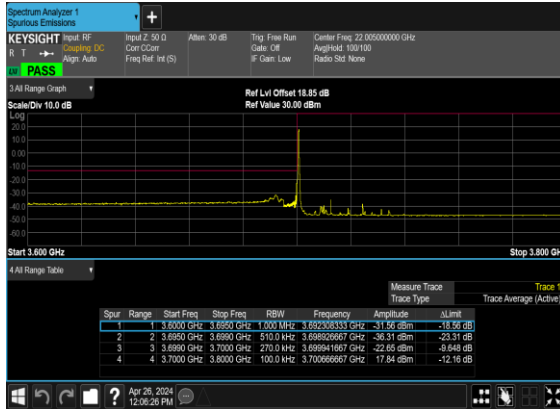
N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



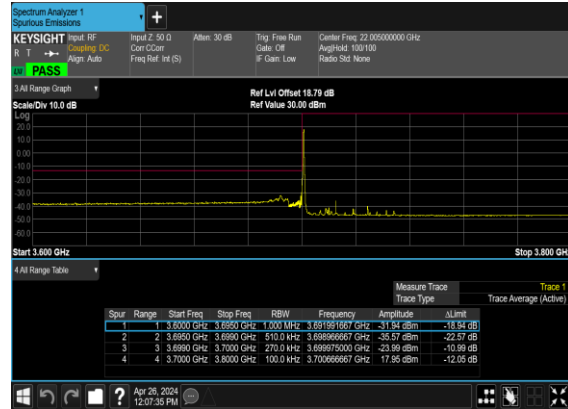
N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



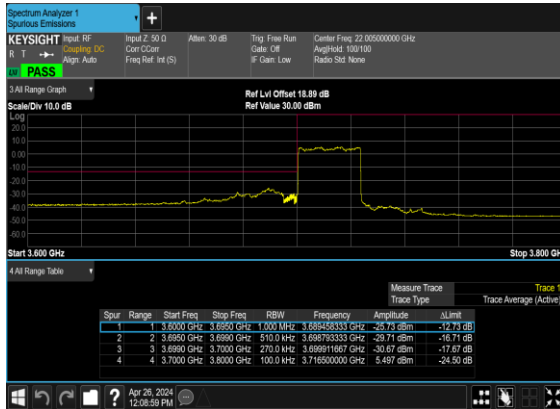
N77(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



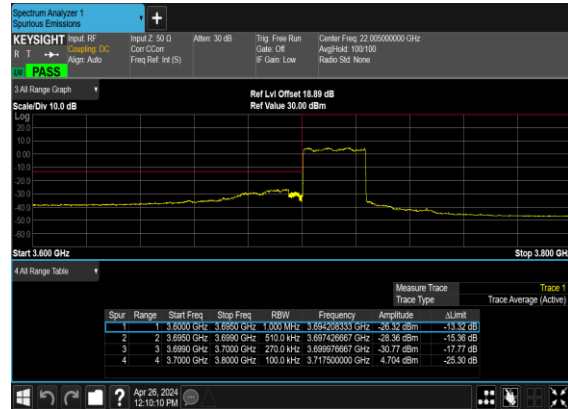
N77(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



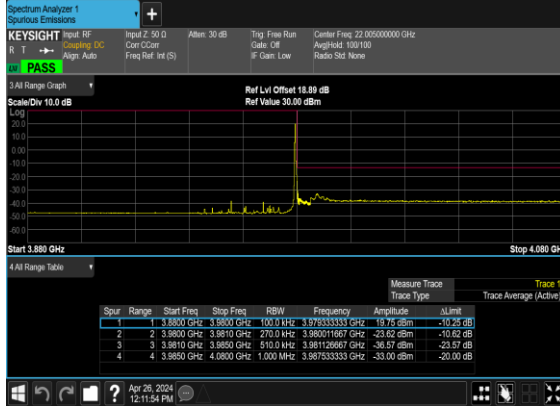
N77(25M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



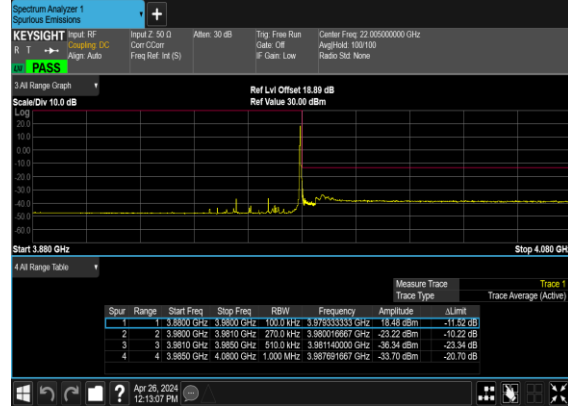
N77(25M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



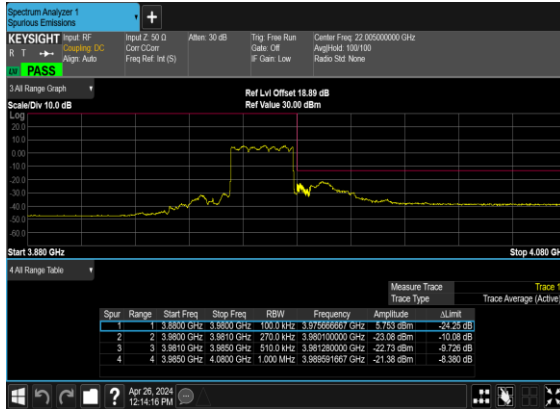
N77(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



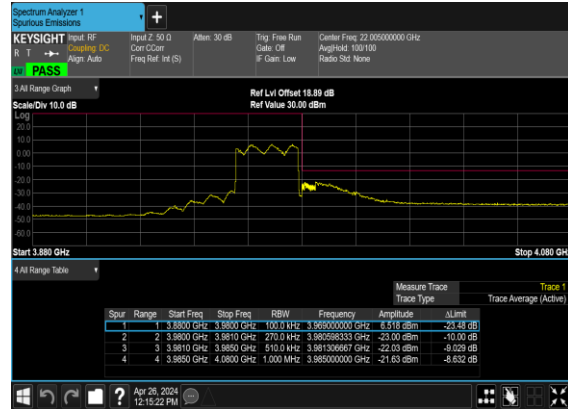
N77(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



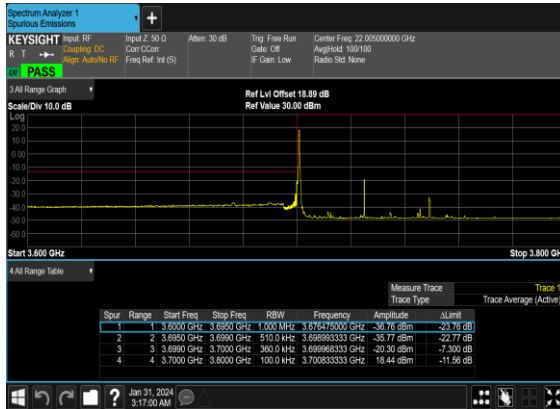
N77(25M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



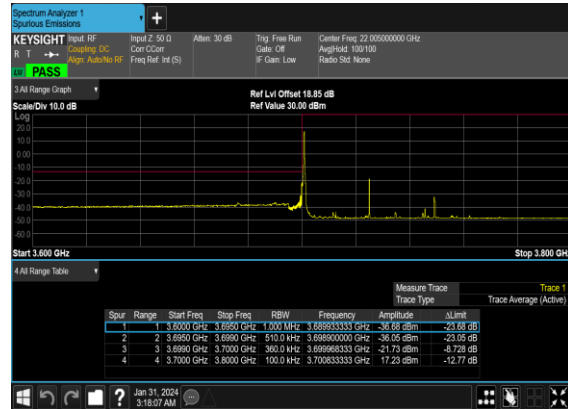
N77(25M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



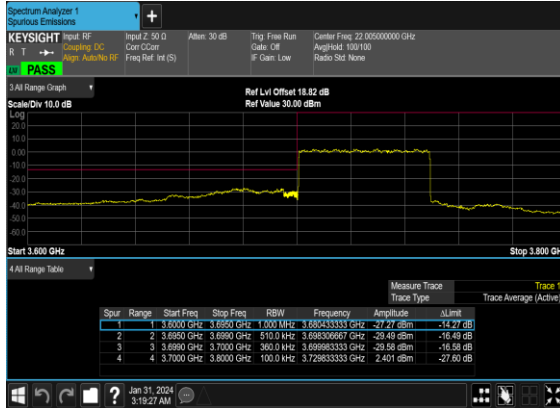
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



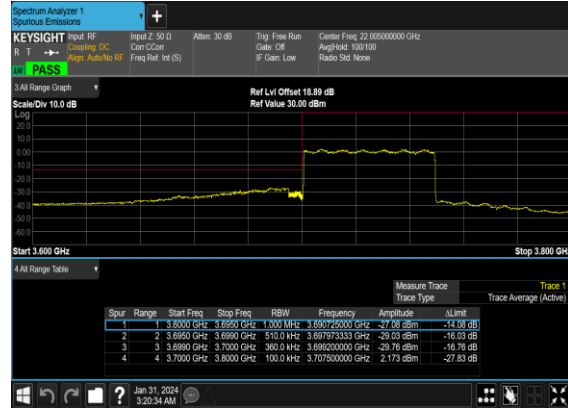
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



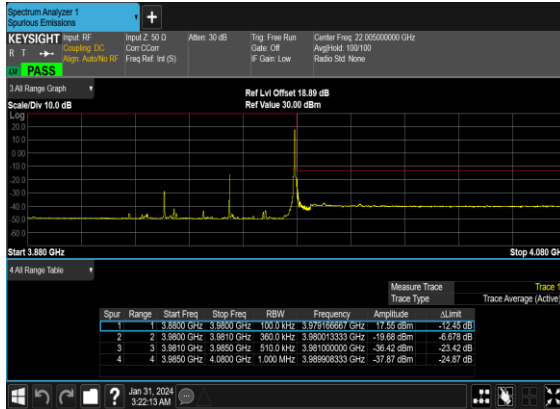
N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



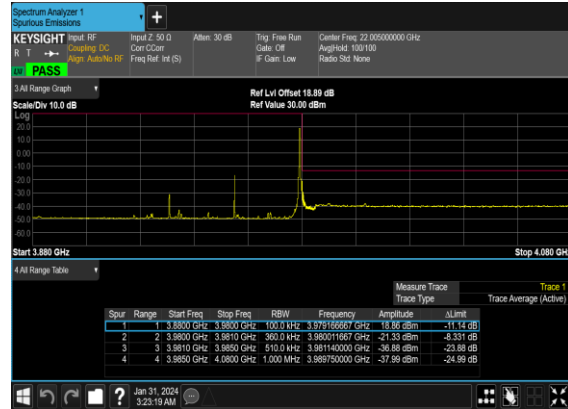
N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



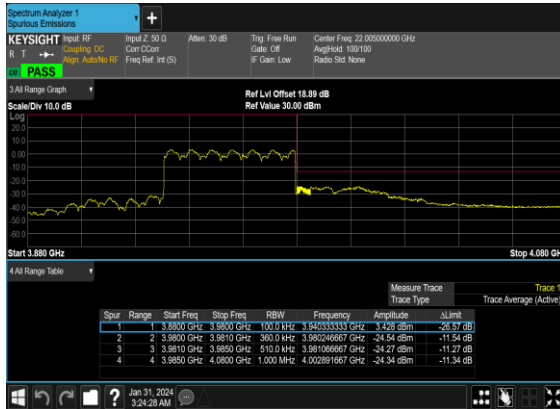
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



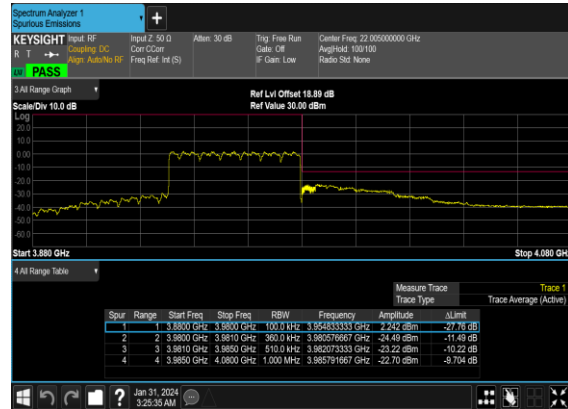
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N78_SCS15kHz

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=-4.5dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	15	10	647000	3705	DFT-s-OFDM QPSK	1@1	26.1	21.6	0.1445
78	15	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	25.09	20.59	0.1146
78	15	10	650000	3750	DFT-s-OFDM QPSK	1@1	25.98	21.48	0.1406
78	15	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.9	20.4	0.1096
78	15	10	653000	3795	DFT-s-OFDM QPSK	1@1	25.82	21.32	0.1355
78	15	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	24.8	20.3	0.1072
78	15	15	647167	3707.505	DFT-s-OFDM QPSK	1@1	26.13	21.63	0.1455
78	15	15	647167	3707.505	DFT-s-OFDM 16 QAM	1@1	25.33	20.83	0.1211
78	15	15	650000	3750	DFT-s-OFDM QPSK	1@1	25.92	21.42	0.1387
78	15	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.15	20.65	0.1161
78	15	15	652833	3792.495	DFT-s-OFDM QPSK	1@1	25.88	21.38	0.1374
78	15	15	652833	3792.495	DFT-s-OFDM 16 QAM	1@1	24.76	20.26	0.1062
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	26.18	21.68	0.1472
78	15	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	25.3	20.8	0.1202
78	15	20	650000	3750	DFT-s-OFDM QPSK	1@1	26.04	21.54	0.1426
78	15	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.95	20.45	0.1109
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	25.93	21.43	0.1390
78	15	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	24.88	20.38	0.1091
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	25.88	21.38	0.1374
78	15	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	24.73	20.23	0.1054
78	15	25	650000	3750	DFT-s-OFDM QPSK	1@1	25.92	21.42	0.1387
78	15	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.75	20.25	0.1059
78	15	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	25.96	21.46	0.1400
78	15	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	24.81	20.31	0.1074
78	15	30	647667	3715.005	DFT-s-OFDM QPSK	1@1	25.85	21.35	0.1365
78	15	30	647667	3715.005	DFT-s-OFDM 16 QAM	1@1	24.42	19.92	0.0982
78	15	30	650000	3750	DFT-s-OFDM QPSK	1@1	25.9	21.4	0.1380
78	15	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.86	20.36	0.1086
78	15	30	652333	3784.995	DFT-s-OFDM QPSK	1@1	25.88	21.38	0.1374
78	15	30	652333	3784.995	DFT-s-OFDM 16 QAM	1@1	24.38	19.88	0.0973
78	15	40	648000	3720	DFT-s-OFDM QPSK	1@1	26.14	21.64	0.1459
78	15	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	25.09	20.59	0.1146
78	15	40	650000	3750	DFT-s-OFDM QPSK	1@1	26.03	21.53	0.1422
78	15	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.08	20.58	0.1143
78	15	40	652000	3780	DFT-s-OFDM QPSK	1@1	25.9	21.4	0.1380
78	15	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	24.98	20.48	0.1117
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	135@67	26.1	21.6	0.1445
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	26.12	21.62	0.1452
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@268	25.98	21.48	0.1406
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	135@67	26.12	21.62	0.1452
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	26.19	21.69	0.1476
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@268	26.01	21.51	0.1416

78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	135@67	25.14	20.64	0.1159
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	25.07	20.57	0.1140
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@268	25.14	20.64	0.1159
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	135@67	23.67	19.17	0.0826
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	23.64	19.14	0.0820
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@268	23.45	18.95	0.0785
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	135@67	21.64	17.14	0.0518
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	21.76	17.26	0.0532
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@268	21.58	17.08	0.0511
78	15	50	648334	3725.01	CP-OFDM QPSK	135@67	24.63	20.13	0.1030
78	15	50	648334	3725.01	CP-OFDM QPSK	1@1	24.82	20.32	0.1076
78	15	50	648334	3725.01	CP-OFDM QPSK	1@268	24.67	20.17	0.1040
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	26.13	21.63	0.1455
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.03	21.53	0.1422
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@268	25.92	21.42	0.1387
78	15	50	650000	3750	DFT-s-OFDM QPSK	135@67	26.12	21.62	0.1452
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@1	26.02	21.52	0.1419
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@268	25.94	21.44	0.1393
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	135@67	25.11	20.61	0.1151
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.96	20.46	0.1112
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@268	25.08	20.58	0.1143
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.63	19.13	0.0818
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.47	18.97	0.0789
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@268	23.59	19.09	0.0811
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.64	17.14	0.0518
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.61	17.11	0.0514
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@268	21.53	17.03	0.0505
78	15	50	650000	3750	CP-OFDM QPSK	135@67	24.58	20.08	0.1019
78	15	50	650000	3750	CP-OFDM QPSK	1@1	24.86	20.36	0.1086
78	15	50	650000	3750	CP-OFDM QPSK	1@268	24.69	20.19	0.1045
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	135@67	25.91	21.41	0.1384
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	25.89	21.39	0.1377
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@268	25.88	21.38	0.1374
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	135@67	26	21.5	0.1413
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	25.94	21.44	0.1393
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@268	25.87	21.37	0.1371
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	135@67	24.99	20.49	0.1119
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	24.85	20.35	0.1084
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@268	24.99	20.49	0.1119
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	135@67	23.5	19	0.0794
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	23.39	18.89	0.0774
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@268	23.52	19.02	0.0798
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	135@67	21.5	17	0.0501
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	21.48	16.98	0.0499
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@268	21.48	16.98	0.0499
78	15	50	651666	3774.99	CP-OFDM QPSK	135@67	24.42	19.92	0.0982
78	15	50	651666	3774.99	CP-OFDM QPSK	1@1	24.49	19.99	0.0998
78	15	50	651666	3774.99	CP-OFDM QPSK	1@268	24.53	20.03	0.1007

FR1 N78 MIMO-ANT5+ ANT3_SCS 15kHz

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=-1.49dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	ANT5 Power (dBm)	ANT3 Power (dBm)	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
78	15	10	647000	3705	DFT-s-OFDM QPSK	1@1	23.89	23.38	26.65	25.16	0.3281
78	15	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	22.8	21.81	25.34	23.85	0.2427
78	15	10	650000	3750	DFT-s-OFDM QPSK	1@1	23.77	23.46	26.63	25.14	0.3266
78	15	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.7	22.45	25.59	24.1	0.2570
78	15	10	653000	3795	DFT-s-OFDM QPSK	1@1	23.65	23.58	26.63	25.14	0.3266
78	15	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	22.12	22	25.07	23.58	0.2280
78	15	15	647167	3707.505	DFT-s-OFDM QPSK	1@1	23.9	23.45	26.69	25.2	0.3311
78	15	15	647167	3707.505	DFT-s-OFDM 16 QAM	1@1	22.84	22.35	25.61	24.12	0.2582
78	15	15	650000	3750	DFT-s-OFDM QPSK	1@1	23.79	23.49	26.65	25.16	0.3281
78	15	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.27	22.46	25.38	23.89	0.2449
78	15	15	652833	3792.495	DFT-s-OFDM QPSK	1@1	23.8	23.67	26.75	25.26	0.3357
78	15	15	652833	3792.495	DFT-s-OFDM 16 QAM	1@1	22.73	22.1	25.44	23.95	0.2483
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	23.92	23.46	26.71	25.22	0.3327
78	15	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	22.9	22.47	25.70	24.21	0.2636
78	15	20	650000	3750	DFT-s-OFDM QPSK	1@1	23.83	23.52	26.69	25.2	0.3311
78	15	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.77	21.97	25.40	23.91	0.2460
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	23.82	23.6	26.72	25.23	0.3334
78	15	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	22.29	22.04	25.18	23.69	0.2339
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	23.8	23.34	26.59	25.1	0.3236
78	15	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	22.78	22.35	25.58	24.09	0.2564
78	15	25	650000	3750	DFT-s-OFDM QPSK	1@1	23.71	23.4	26.57	25.08	0.3221
78	15	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.65	21.85	25.28	23.79	0.2393
78	15	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	23.7	23.48	26.60	25.11	0.3243
78	15	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	22.17	21.92	25.06	23.57	0.2275
78	15	30	647667	3715.005	DFT-s-OFDM QPSK	1@1	23.85	23.3	26.59	25.1	0.3236
78	15	30	647667	3715.005	DFT-s-OFDM 16 QAM	1@1	22.42	21.79	25.13	23.64	0.2312
78	15	30	650000	3750	DFT-s-OFDM QPSK	1@1	23.9	23.46	26.70	25.21	0.3319
78	15	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.86	22.43	25.66	24.17	0.2612
78	15	30	652333	3784.995	DFT-s-OFDM QPSK	1@1	23.88	23.61	26.76	25.27	0.3365
78	15	30	652333	3784.995	DFT-s-OFDM 16 QAM	1@1	22.38	22.63	25.52	24.03	0.2529
78	15	40	648000	3720	DFT-s-OFDM QPSK	1@1	23.93	23.37	26.67	25.18	0.3296
78	15	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	22.96	22.37	25.69	24.2	0.2630
78	15	40	650000	3750	DFT-s-OFDM QPSK	1@1	23.9	23.41	26.67	25.18	0.3296
78	15	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.93	22.41	25.69	24.2	0.2630
78	15	40	652000	3780	DFT-s-OFDM QPSK	1@1	23.8	23.47	26.65	25.16	0.3281
78	15	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	22.82	22.53	25.69	24.2	0.2630
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	135@67	23.95	23.42	26.70	25.21	0.3319
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	23.9	23.38	26.66	25.17	0.3289
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@268	23.81	23.58	26.71	25.22	0.3327
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	135@67	23.93	23.43	26.70	25.21	0.3319
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	23.88	23.38	26.65	25.16	0.3281

78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@268	23.83	23.55	26.70	25.21	0.3319
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	135@67	22.95	22.46	25.72	24.23	0.2649
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	22.86	22.33	25.61	24.12	0.2582
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@268	22.97	22.71	25.85	24.36	0.2729
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	135@67	21.5	20.97	24.25	22.76	0.1888
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	21.24	20.7	23.99	22.5	0.1778
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@268	21.29	20.89	24.10	22.61	0.1824
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	135@67	21.46	20.95	24.22	22.73	0.1875
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	19.66	19.19	22.44	20.95	0.1245
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@268	19.62	19.37	22.51	21.02	0.1265
78	15	50	648334	3725.01	CP-OFDM QPSK	135@67	22.43	21.93	25.20	23.71	0.2350
78	15	50	648334	3725.01	CP-OFDM QPSK	1@1	22.47	21.87	25.19	23.7	0.2344
78	15	50	648334	3725.01	CP-OFDM QPSK	1@268	22.29	22.01	25.16	23.67	0.2328
78	15	50	650000	3725.01	DFT-s-OFDM PI/2 BPSK	135@67	23.94	23.46	26.72	25.23	0.3334
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.95	23.44	26.71	25.22	0.3327
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@268	23.91	23.63	26.78	25.29	0.3381
78	15	50	650000	3750	DFT-s-OFDM QPSK	135@67	23.87	23.56	26.73	25.24	0.3342
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@1	24	23.48	26.76	25.27	0.3365
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@268	23.91	23.68	26.81	25.32	0.3404
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	135@67	22.87	22.56	25.73	24.24	0.2655
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.94	22.48	25.73	24.24	0.2655
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@268	22.84	22.6	25.73	24.24	0.2655
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	135@67	21.43	21.08	24.27	22.78	0.1897
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	21.38	21.2	24.30	22.81	0.1910
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@268	21.74	21.36	24.56	23.07	0.2028
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.44	21.08	24.27	22.78	0.1897
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	19.45	19.46	22.47	20.98	0.1253
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@268	19.64	19.5	22.58	21.09	0.1285
78	15	50	650000	3750	CP-OFDM QPSK	135@67	22.37	22.04	25.22	23.73	0.2360
78	15	50	650000	3750	CP-OFDM QPSK	1@1	22.54	21.99	25.28	23.79	0.2393
78	15	50	650000	3750	CP-OFDM QPSK	1@268	22.43	22.19	25.32	23.83	0.2415
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	135@67	23.86	23.67	26.78	25.29	0.3381
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	23.89	23.64	26.78	25.29	0.3381
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@268	23.77	23.74	26.77	25.28	0.3373
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	135@67	23.89	23.68	26.80	25.31	0.3396
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	23.86	23.67	26.78	25.29	0.3381
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@268	23.75	23.77	26.77	25.28	0.3373
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	135@67	22.96	22.69	25.84	24.35	0.2723
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	22.38	22.59	25.50	24.01	0.2518
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@268	22.73	22.71	25.73	24.24	0.2655
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	135@67	21.45	21.25	24.36	22.87	0.1936
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	21.65	21.36	24.52	23.03	0.2009
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@268	21.55	21.51	24.54	23.05	0.2018
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	135@67	21.44	21.2	24.33	22.84	0.1923
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	19.33	19.45	22.40	20.91	0.1233
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@268	19.45	19.49	22.48	20.99	0.1256
78	15	50	651666	3774.99	CP-OFDM QPSK	135@67	22.37	22.17	25.28	23.79	0.2393
78	15	50	651666	3774.99	CP-OFDM QPSK	1@1	22.3	22.13	25.23	23.74	0.2366
78	15	50	651666	3774.99	CP-OFDM QPSK	1@268	22.26	22.26	25.27	23.78	0.2388

FR1 N77_SCS30kHz

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=-4.5dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	25.94	21.44	0.1393
77	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	25.13	20.63	0.1156
77	30	10	656000	3840	DFT-s-OFDM QPSK	1@1	25.8	21.3	0.1349
77	30	10	656000	3840	DFT-s-OFDM 16 QAM	1@1	25	20.5	0.1122
77	30	10	665000	3975	DFT-s-OFDM QPSK	1@1	25.95	21.45	0.1396
77	30	10	665000	3975	DFT-s-OFDM 16 QAM	1@1	24.89	20.39	0.1094
77	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	22.7	18.2	0.0661
77	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	24.94	20.44	0.1107
77	30	15	656000	3840	DFT-s-OFDM QPSK	1@1	25.93	21.43	0.1390
77	30	15	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.82	20.32	0.1076
77	30	15	664832	3972.48	DFT-s-OFDM QPSK	1@1	25.79	21.29	0.1346
77	30	15	664832	3972.48	DFT-s-OFDM 16 QAM	1@1	24.83	20.33	0.1079
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	26.05	21.55	0.1429
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	24.91	20.41	0.1099
77	30	20	656000	3840	DFT-s-OFDM QPSK	1@1	25.91	21.41	0.1384
77	30	20	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.03	20.53	0.1130
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@1	25.85	21.35	0.1365
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@1	25.03	20.53	0.1130
77	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	25.98	21.48	0.1406
77	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	25.89	21.39	0.1377
77	30	25	656000	3840	DFT-s-OFDM QPSK	1@1	25.3	20.8	0.1202
77	30	25	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.99	21.49	0.1409
77	30	25	664500	3967.5	DFT-s-OFDM QPSK	1@1	25.15	20.65	0.1161
77	30	25	664500	3967.5	DFT-s-OFDM 16 QAM	1@1	25.98	21.48	0.1406
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	25.91	21.41	0.1384
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	25.12	20.62	0.1153
77	30	30	656000	3840	DFT-s-OFDM QPSK	1@1	25.83	21.33	0.1358
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.18	20.68	0.1169
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	1@1	25.83	21.33	0.1358
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@1	25.08	20.58	0.1143
77	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	25.97	21.47	0.1403
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	25.13	20.63	0.1156
77	30	40	656000	3840	DFT-s-OFDM QPSK	1@1	25.89	21.39	0.1377
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.1	20.6	0.1148
77	30	40	664000	3960	DFT-s-OFDM QPSK	1@1	25.77	21.27	0.1340
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	1@1	24.75	20.25	0.1059
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	26.06	21.56	0.1432
77	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	24.96	20.46	0.1112
77	30	50	656000	3840	DFT-s-OFDM QPSK	1@1	25.99	21.49	0.1409
77	30	50	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.91	20.41	0.1099
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@1	25.73	21.23	0.1327
77	30	50	663666	3954.99	DFT-s-OFDM 16 QAM	1@1	24.69	20.19	0.1045

77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	25.98	21.48	0.1406
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	24.85	20.35	0.1084
77	30	60	656000	3840	DFT-s-OFDM QPSK	1@1	25.88	21.38	0.1374
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.86	20.36	0.1086
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@1	25.62	21.12	0.1294
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	1@1	24.85	20.35	0.1084
77	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	25.85	21.35	0.1365
77	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	25.02	20.52	0.1127
77	30	70	656000	3840	DFT-s-OFDM QPSK	1@1	25.86	21.36	0.1368
77	30	70	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.97	20.47	0.1114
77	30	70	663000	3945	DFT-s-OFDM QPSK	1@1	25.68	21.18	0.1312
77	30	70	663000	3945	DFT-s-OFDM 16 QAM	1@1	24.89	20.39	0.1094
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	26	21.5	0.1413
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	24.85	20.35	0.1084
77	30	80	656000	3840	DFT-s-OFDM QPSK	1@1	25.87	21.37	0.1371
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.76	20.26	0.1062
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@1	25.66	21.16	0.1306
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	1@1	24.68	20.18	0.1042
77	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	26.04	21.54	0.1426
77	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	24.9	20.4	0.1096
77	30	90	656000	3840	DFT-s-OFDM QPSK	1@1	25.86	21.36	0.1368
77	30	90	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.76	20.26	0.1062
77	30	90	662332	3934.98	DFT-s-OFDM QPSK	1@1	25.41	20.91	0.1233
77	30	90	662332	3934.98	DFT-s-OFDM 16 QAM	1@1	24.85	20.35	0.1084
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.91	21.41	0.1384
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.92	21.42	0.1387
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	25.75	21.25	0.1334
77	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	25.96	21.46	0.1400
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	25.94	21.44	0.1393
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	25.83	21.33	0.1358
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	24.96	20.46	0.1112
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.08	20.58	0.1143
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	24.86	20.36	0.1086
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	22.94	18.44	0.0698
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.07	18.57	0.0719
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	22.93	18.43	0.0697
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	20.38	15.88	0.0387
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.07	15.57	0.0361
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	20.01	15.51	0.0356
77	30	100	650000	3750	CP-OFDM QPSK	137@68	24.38	19.88	0.0973
77	30	100	650000	3750	CP-OFDM QPSK	1@1	24.29	19.79	0.0953
77	30	100	650000	3750	CP-OFDM QPSK	1@271	24.21	19.71	0.0935
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	135@67	25.95	21.45	0.1396
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	25.85	21.35	0.1365
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@271	25.27	20.77	0.1194
77	30	100	656000	3840	DFT-s-OFDM QPSK	135@67	26.09	21.59	0.1442
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@1	25.77	21.27	0.1340
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@271	25.16	20.66	0.1164
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	135@67	25.01	20.51	0.1125
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.68	20.18	0.1042

77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@271	24.3	19.8	0.0955
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	135@67	22.96	18.46	0.0701
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@1	22.74	18.24	0.0667
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@271	22.27	17.77	0.0598
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	135@67	20.43	15.93	0.0392
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@1	20.17	15.67	0.0369
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@271	19.74	15.24	0.0334
77	30	100	656000	3840	CP-OFDM QPSK	137@68	24.36	19.86	0.0968
77	30	100	656000	3840	CP-OFDM QPSK	1@1	24.18	19.68	0.0929
77	30	100	656000	3840	CP-OFDM QPSK	1@271	23.68	19.18	0.0828
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	135@67	25.67	21.17	0.1309
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@1	25.54	21.04	0.1271
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@271	25.77	21.27	0.1340
77	30	100	662000	3930	DFT-s-OFDM QPSK	135@67	25.71	21.21	0.1321
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@1	25.37	20.87	0.1222
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@271	25.87	21.37	0.1371
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	135@67	24.92	20.42	0.1102
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@1	24.94	20.44	0.1107
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@271	25.06	20.56	0.1138
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	135@67	22.93	18.43	0.0697
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@1	22.98	18.48	0.0705
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@271	23.14	18.64	0.0731
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	135@67	20.3	15.8	0.0380
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@1	19.98	15.48	0.0353
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@271	20.06	15.56	0.0360
77	30	100	662000	3930	CP-OFDM QPSK	137@68	24.33	19.83	0.0962
77	30	100	662000	3930	CP-OFDM QPSK	1@1	24.15	19.65	0.0923
77	30	100	662000	3930	CP-OFDM QPSK	1@271	24.32	19.82	0.0959

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0039	PASS	NV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0036	PASS	LV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0046	PASS	HV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0040	PASS	-30°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0055	PASS	-20°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0054	PASS	-10°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0025	PASS	0°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0052	PASS	10°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0039	PASS	20°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0056	PASS	30°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0065	PASS	40°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0047	PASS	50°C

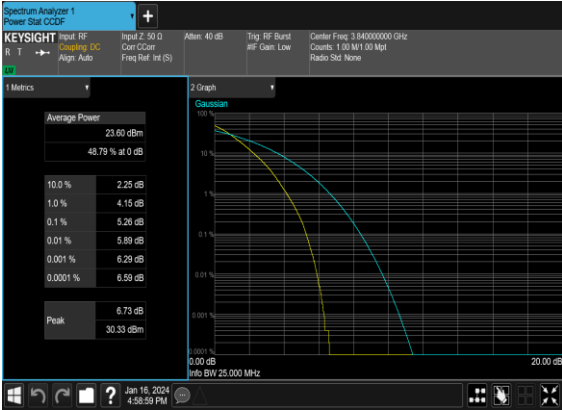
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	50@0	4.0	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	5.26	13	PASS

N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



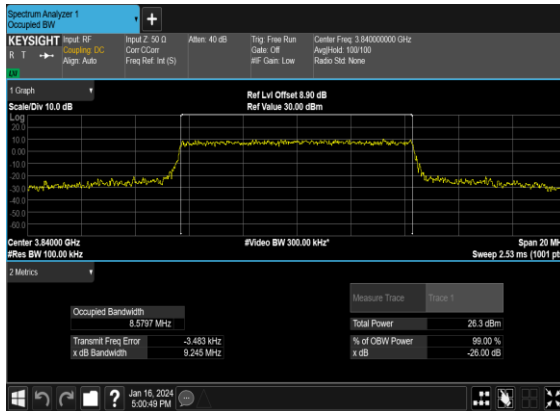
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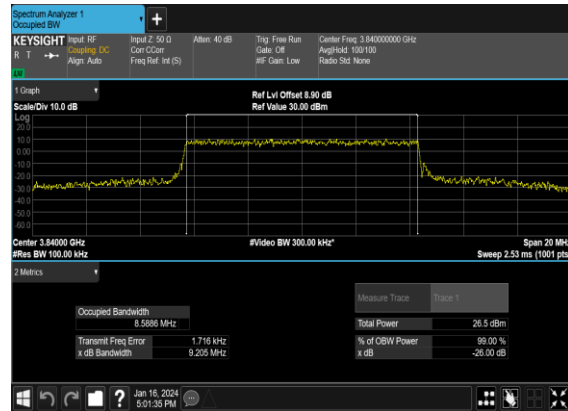
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	10	656000	3840.0	CP-OFDM QPSK	24@0	8.5797	9.245
77	30	10	656000	3840.0	CP-OFDM 16 QAM	24@0	8.5886	9.205
77	30	10	656000	3840.0	CP-OFDM 64 QAM	24@0	8.5746	9.206
77	30	10	656000	3840.0	CP-OFDM 256 QAM	24@0	8.5902	9.2
77	30	15	656000	3840.0	CP-OFDM QPSK	38@0	13.574	14.36
77	30	15	656000	3840.0	CP-OFDM 16 QAM	38@0	13.581	14.31
77	30	15	656000	3840.0	CP-OFDM 64 QAM	38@0	13.588	14.28
77	30	15	656000	3840.0	CP-OFDM 256 QAM	38@0	13.592	14.34
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.145	18.98
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	18.198	19.03
77	30	20	656000	3840.0	CP-OFDM 64 QAM	51@0	18.244	19.01
77	30	20	656000	3840.0	CP-OFDM 256 QAM	51@0	18.226	19.12
77	30	25	656000	3840.0	CP-OFDM QPSK	65@0	23.204	24.09
77	30	25	656000	3840.0	CP-OFDM 16 QAM	65@0	23.207	24.27
77	30	25	656000	3840.0	CP-OFDM 64 QAM	65@0	23.211	24.17
77	30	25	656000	3840.0	CP-OFDM 256 QAM	65@0	23.219	24.11
77	30	30	656000	3840.0	CP-OFDM QPSK	78@0	27.772	29.04
77	30	30	656000	3840.0	CP-OFDM 16 QAM	78@0	27.845	29.36
77	30	30	656000	3840.0	CP-OFDM 64 QAM	78@0	27.838	28.97
77	30	30	656000	3840.0	CP-OFDM 256 QAM	78@0	27.843	29.07
77	30	40	656000	3840.0	CP-OFDM QPSK	106@0	37.73	39.21
77	30	40	656000	3840.0	CP-OFDM 16 QAM	106@0	37.968	39.16
77	30	40	656000	3840.0	CP-OFDM 64 QAM	106@0	37.975	39.19
77	30	40	656000	3840.0	CP-OFDM 256 QAM	106@0	37.929	39.21
77	30	50	656000	3840.0	CP-OFDM QPSK	133@0	47.534	48.97
77	30	50	656000	3840.0	CP-OFDM 16 QAM	133@0	47.596	49.22
77	30	50	656000	3840.0	CP-OFDM 64 QAM	133@0	47.332	49.08
77	30	50	656000	3840.0	CP-OFDM 256 QAM	133@0	47.505	49.08
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.821	59.68
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.865	59.71
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.745	59.65
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.755	59.6
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.568	69.66
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.476	69.88
77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.385	69.63
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.414	69.79
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.478	79.81
77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.405	80.16
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.581	79.89
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.438	79.92
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.575	90.15
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.371	90.13
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.711	90.44
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.456	90.14
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.442	100.5
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.513	100.5
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.44	100.4
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.352	100.5

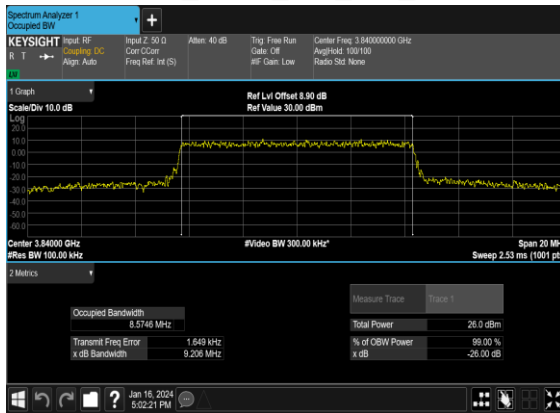
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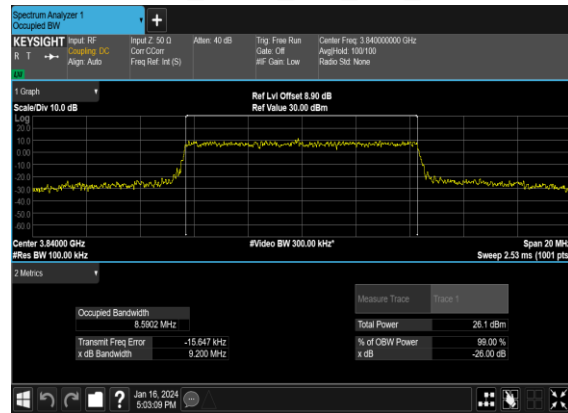
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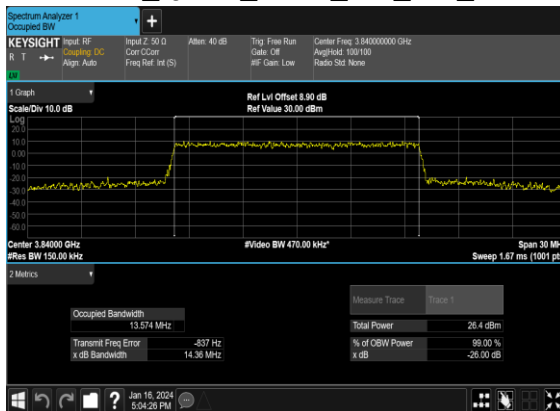
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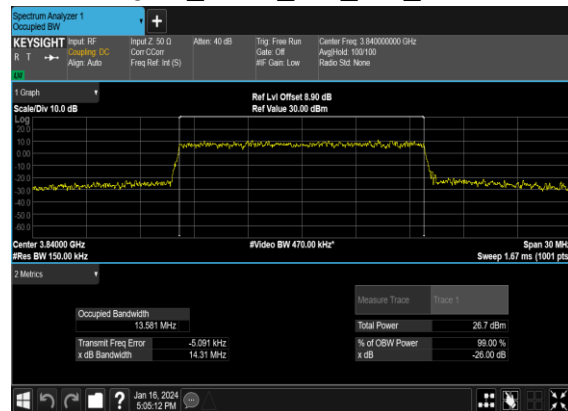
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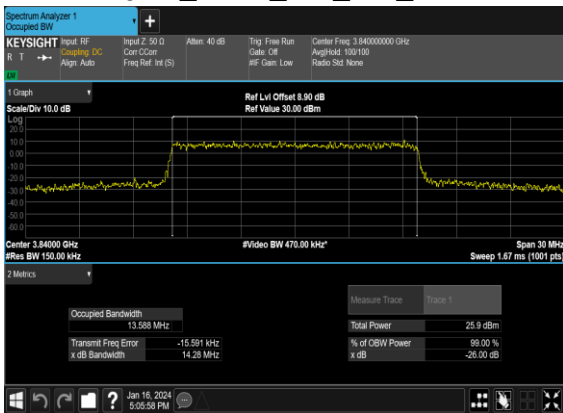
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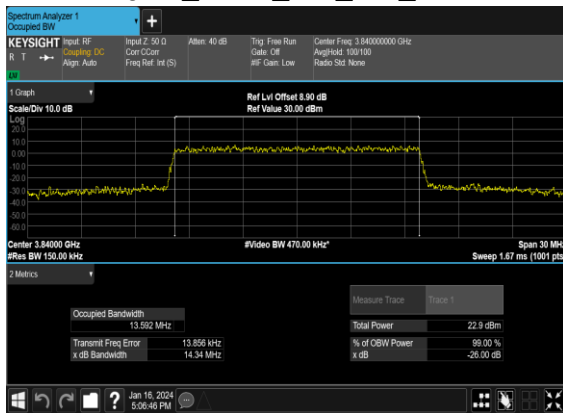
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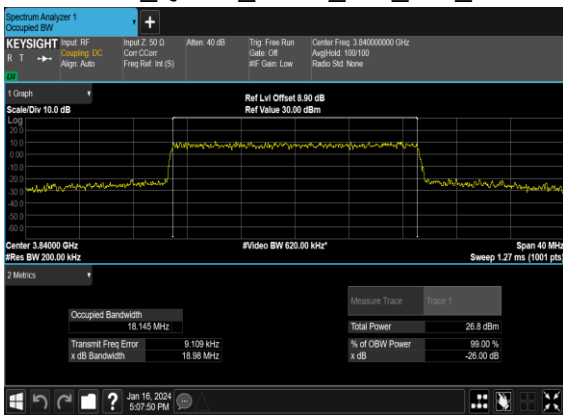
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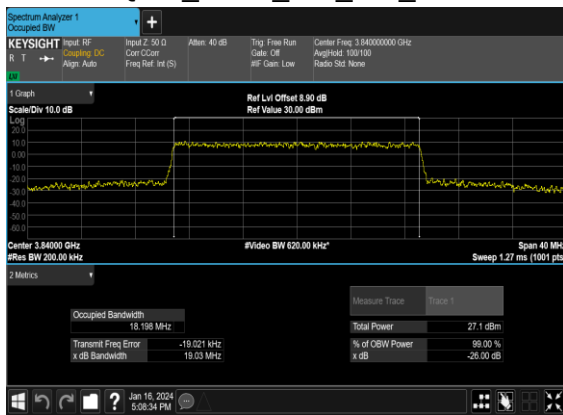
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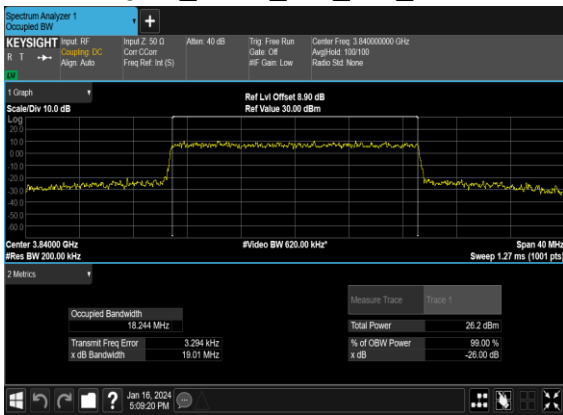
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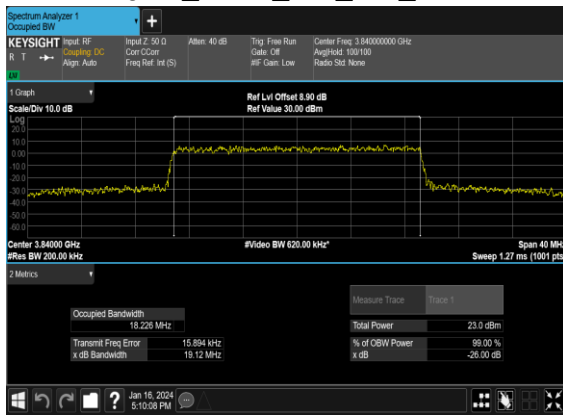
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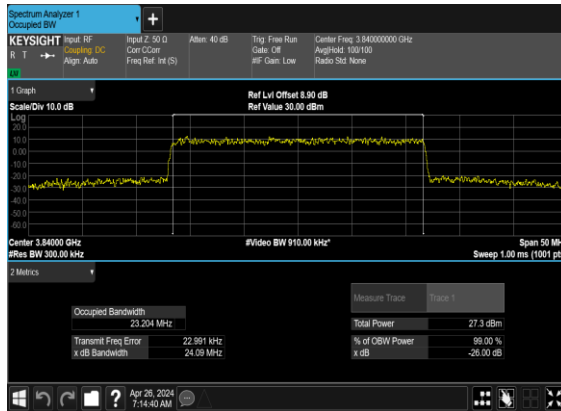
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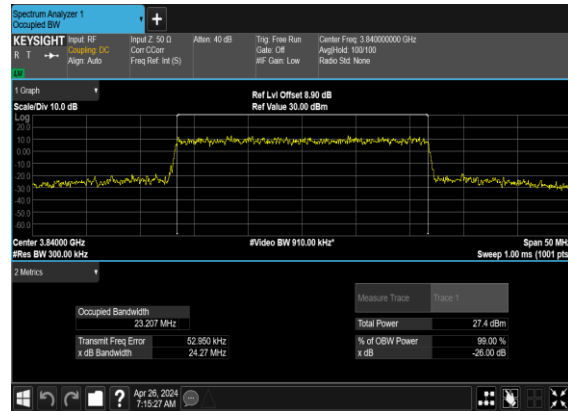
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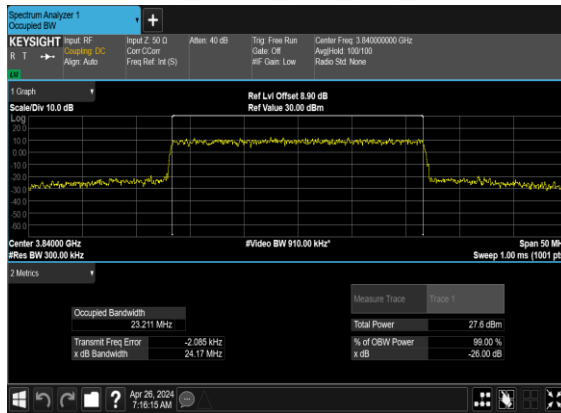
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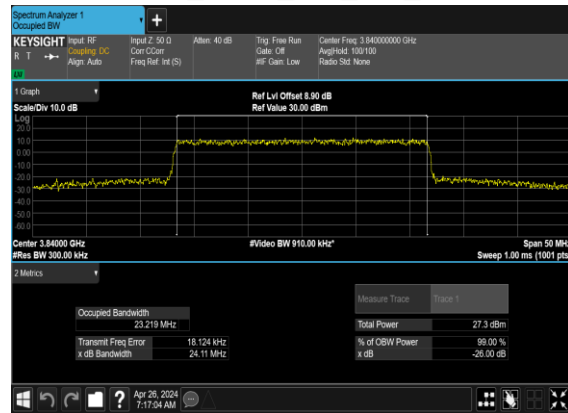
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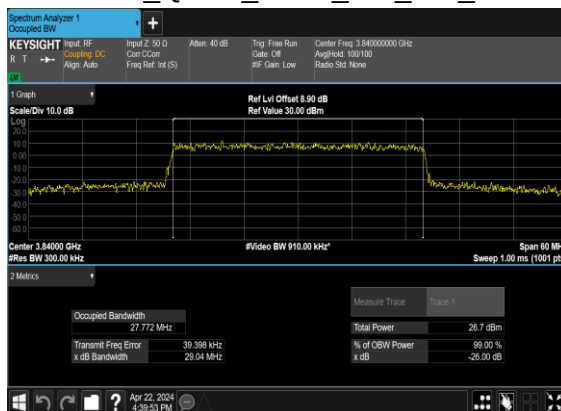
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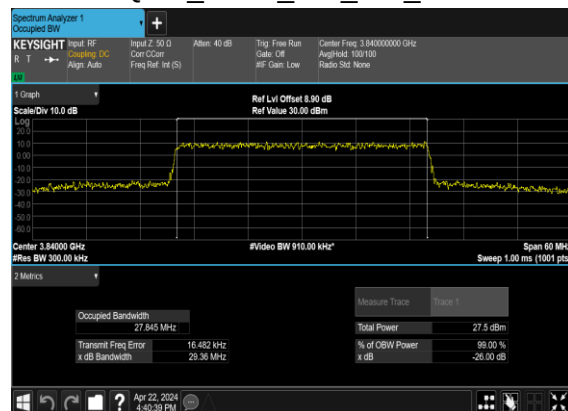
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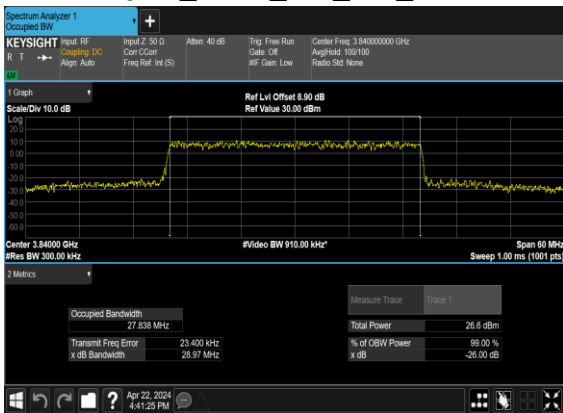
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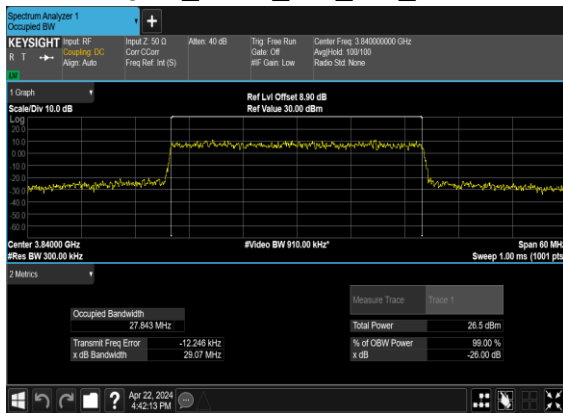
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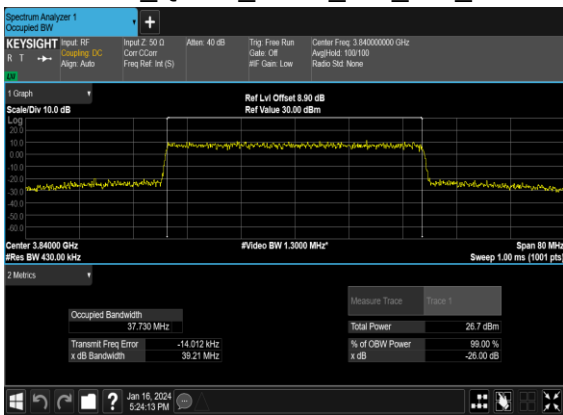
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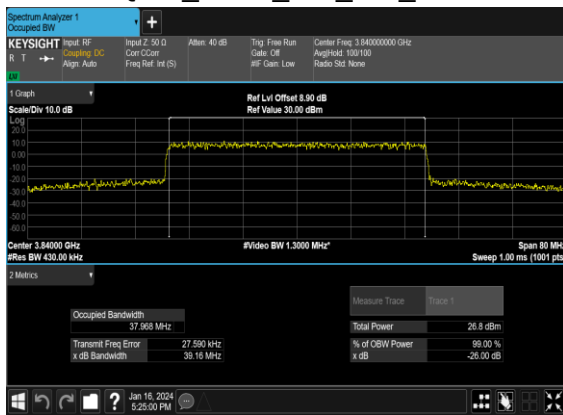
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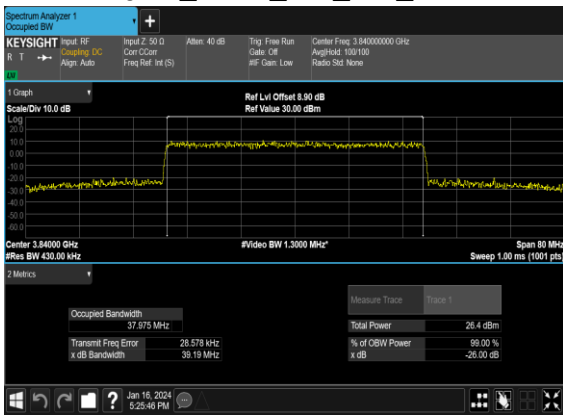
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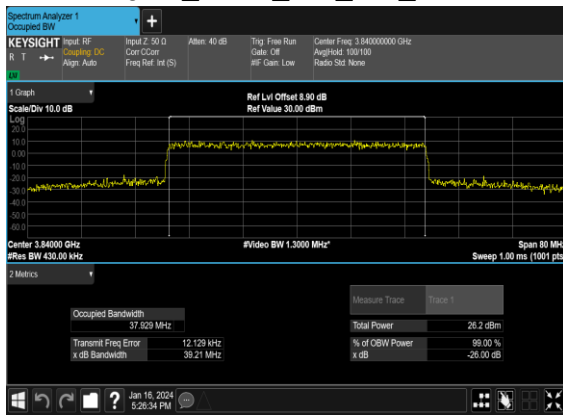
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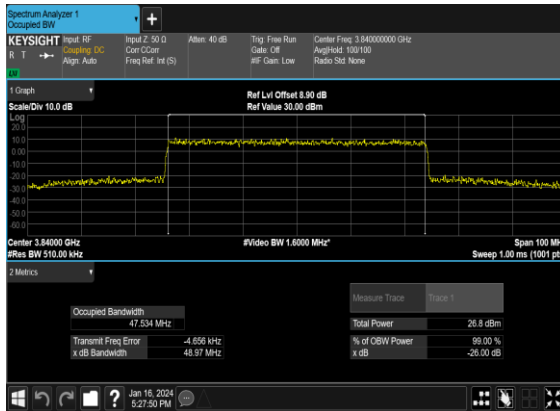
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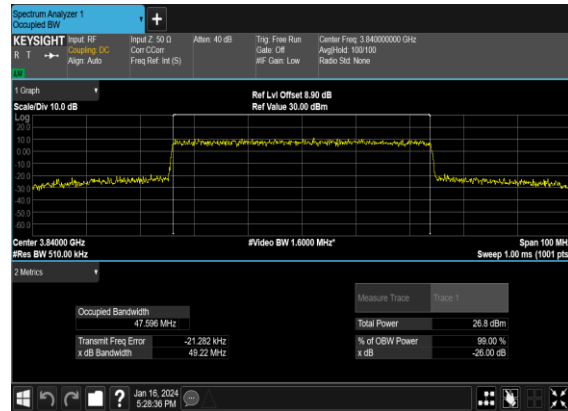
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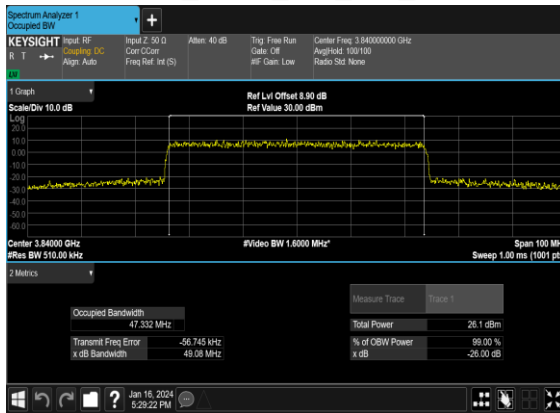
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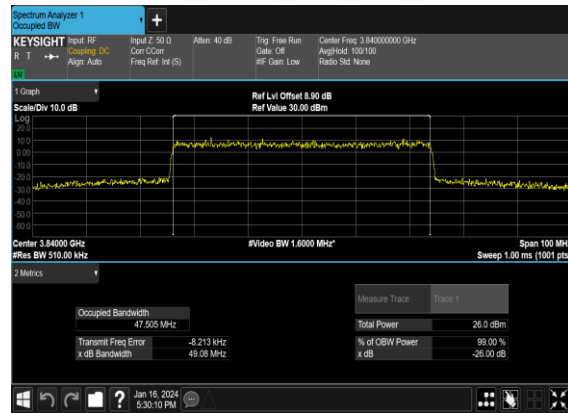
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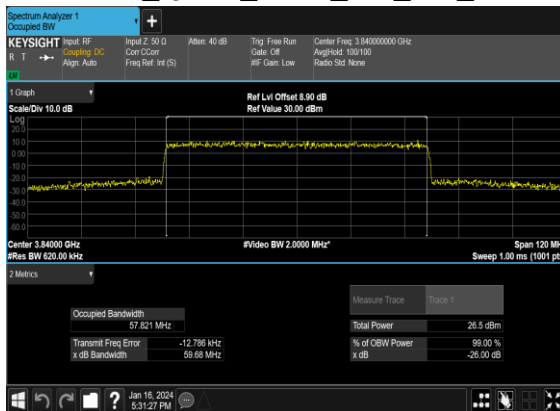
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QAM_Outer_Full_Mid_CH



N77(60M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH

