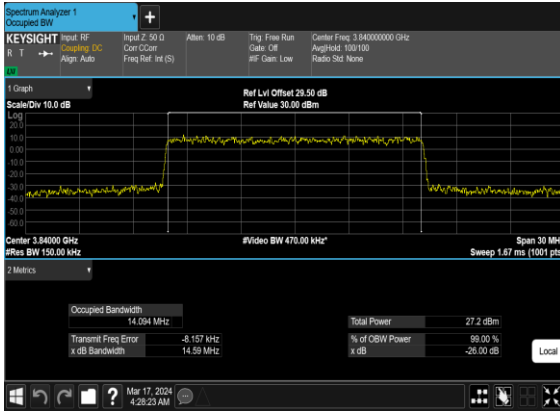
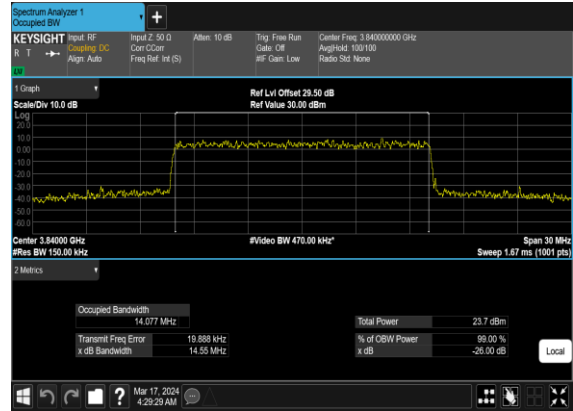


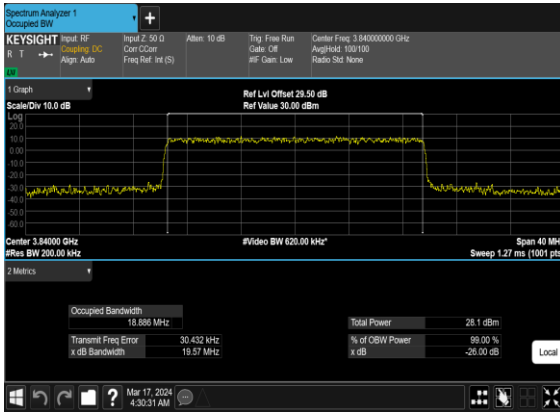
N77(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



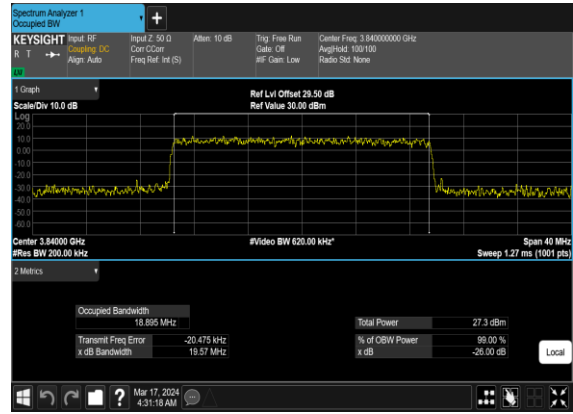
N77(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



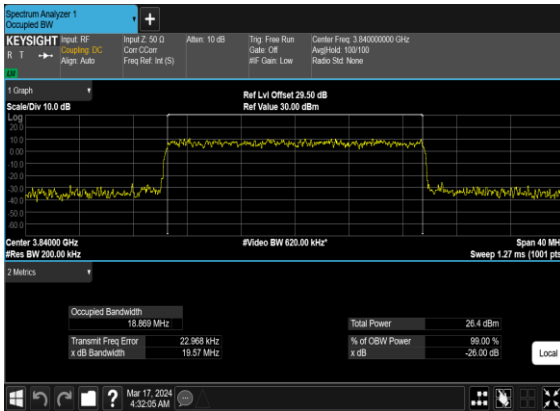
N77(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



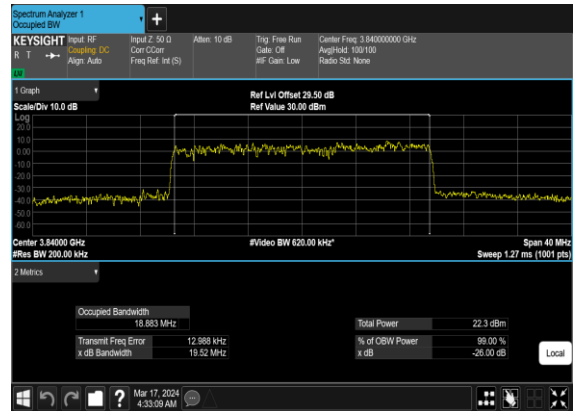
N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



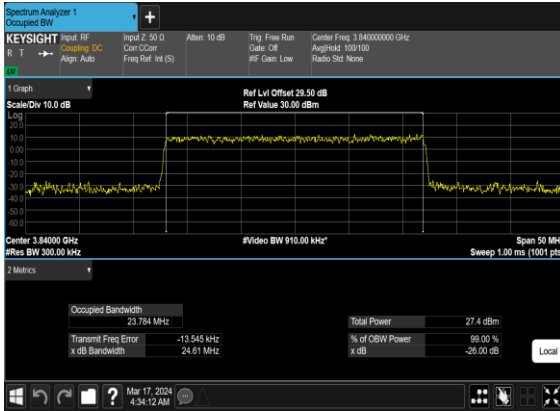
N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



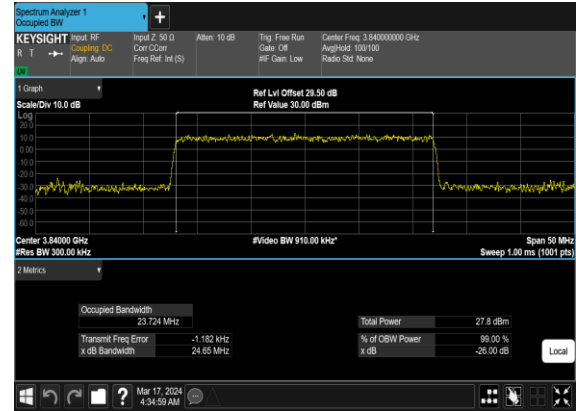
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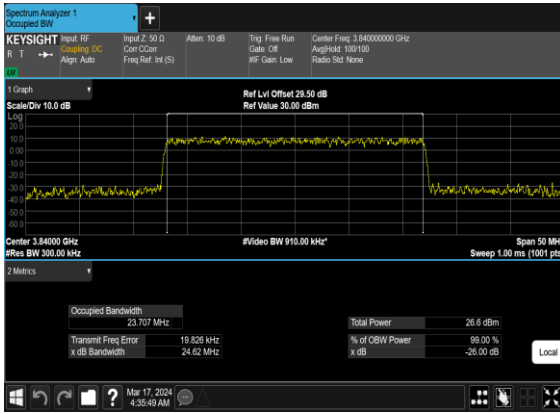
N77(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



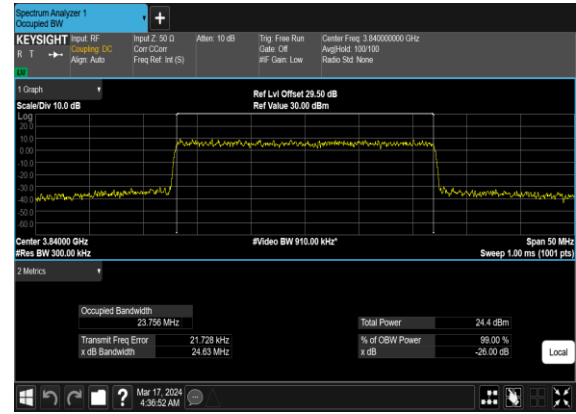
N77(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



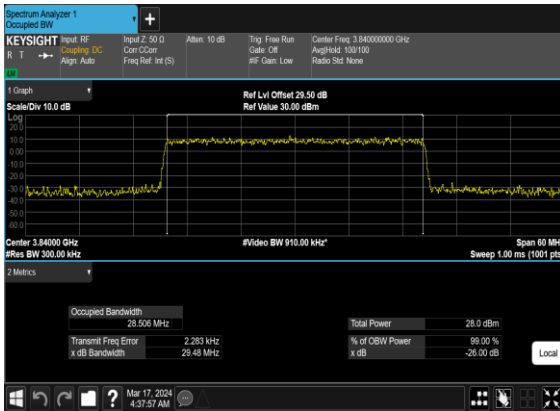
N77(25M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



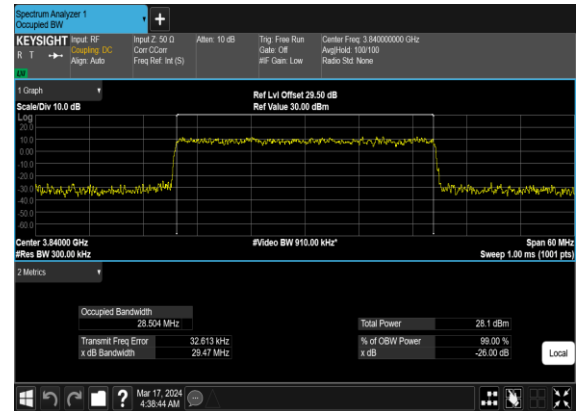
N77(25M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



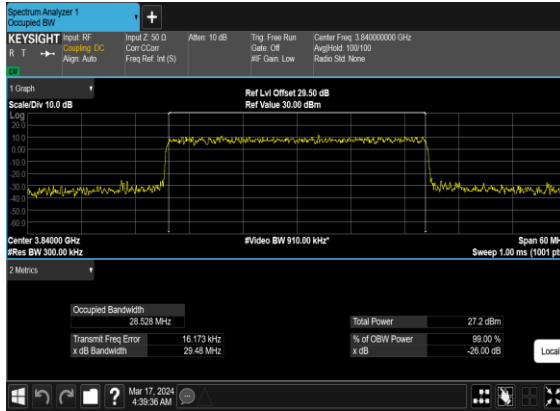
N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



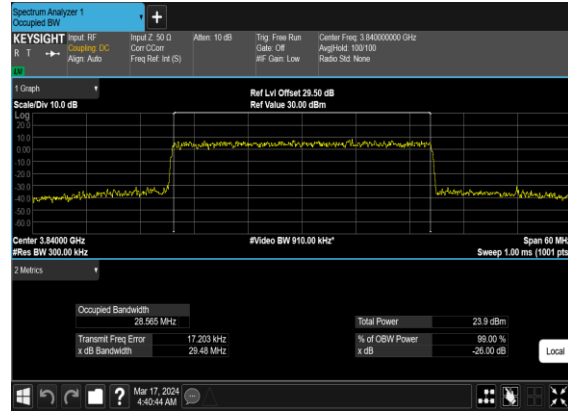
N77(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



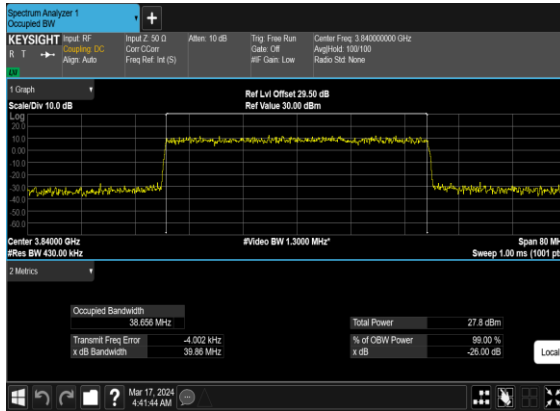
N77(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



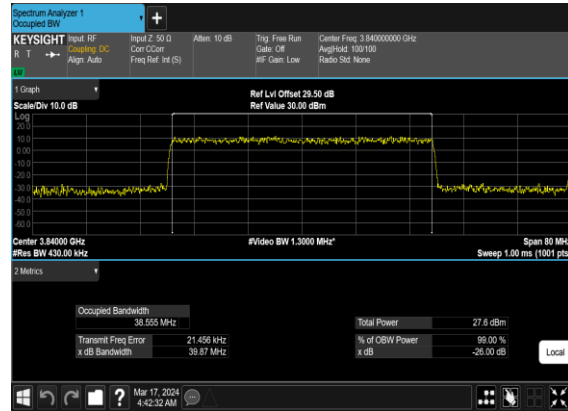
N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



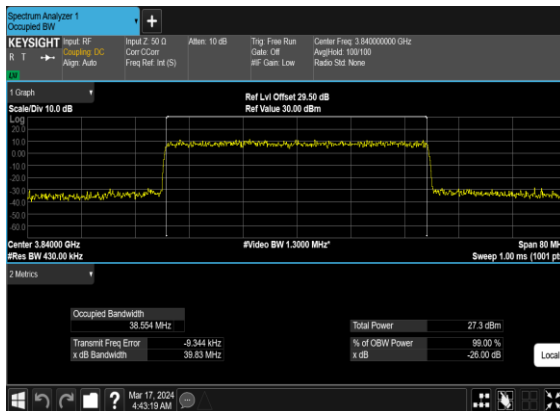
N77(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



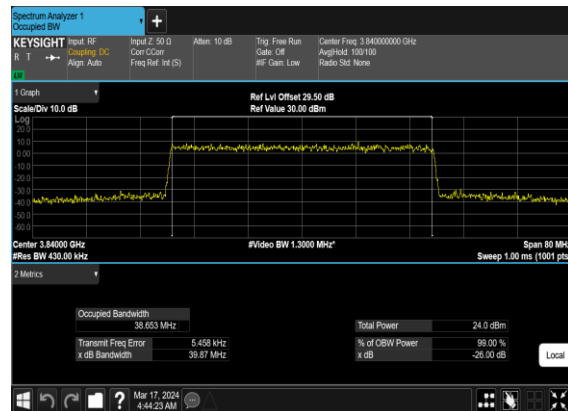
N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



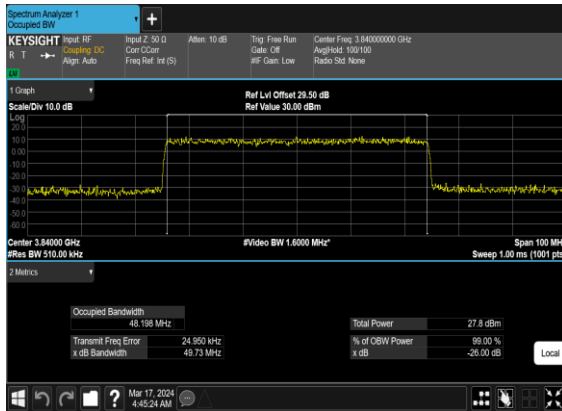
N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



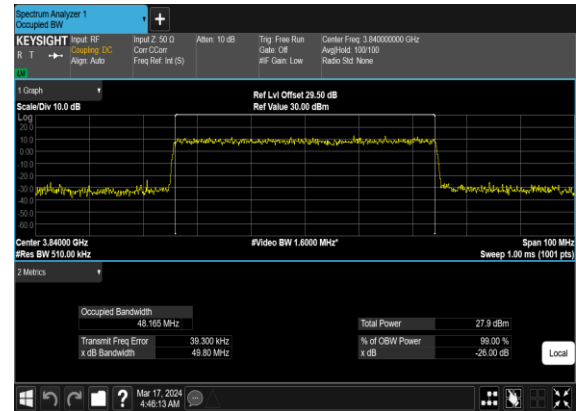
N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



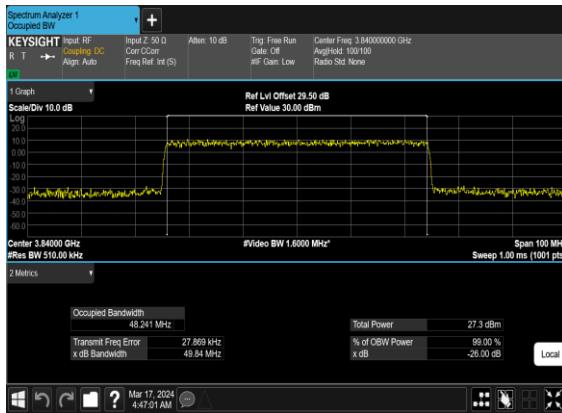
N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



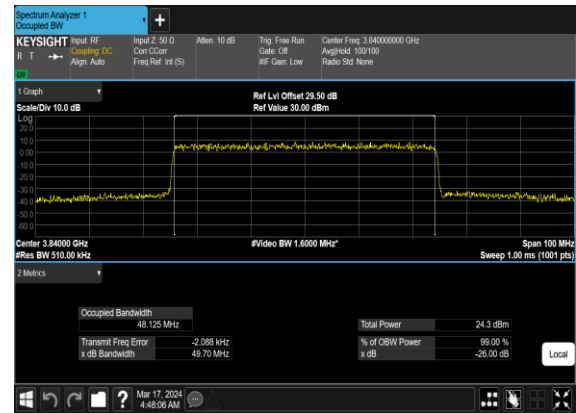
N77(50M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

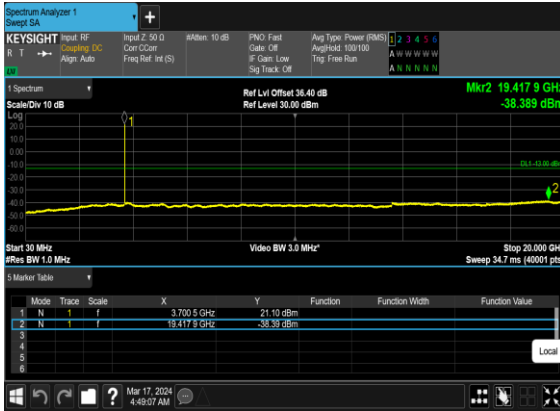


Conducted Spurious Emissions

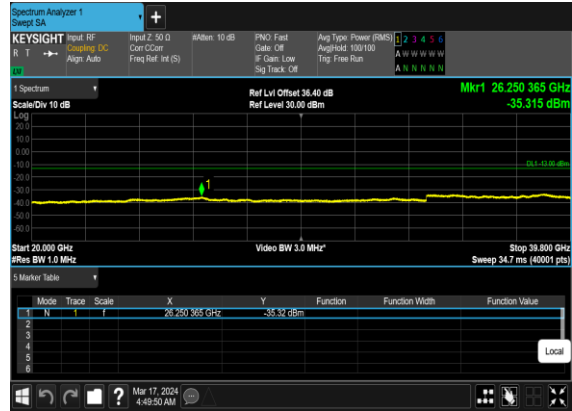
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	10	647000	3705.0	CP-OFDM QPSK	1@0	see graph	---
77	15	10	647000	3705.0	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	647000	3705.0	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	647000	3705.0	CP-OFDM 16 QAM	1@0	see graph	---
77	15	10	647000	3705.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	647000	3705.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---
77	15	10	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	---
77	15	10	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	665000	3975.0	CP-OFDM QPSK	1@0	see graph	---
77	15	10	665000	3975.0	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	665000	3975.0	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	665000	3975.0	CP-OFDM 16 QAM	1@0	see graph	---
77	15	10	665000	3975.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	665000	3975.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	647500	3712.5	CP-OFDM QPSK	1@0	see graph	---
77	15	25	647500	3712.5	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	647500	3712.5	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	647500	3712.5	CP-OFDM 16 QAM	1@0	see graph	---
77	15	25	647500	3712.5	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	647500	3712.5	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---
77	15	25	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	---
77	15	25	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS

77	15	25	664500	3967.5	CP-OFDM QPSK	1@0	see graph	---
77	15	25	664500	3967.5	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	664500	3967.5	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	664500	3967.5	CP-OFDM 16 QAM	1@0	see graph	---
77	15	25	664500	3967.5	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	664500	3967.5	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	---
77	15	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	50	648334	3725.01	CP-OFDM 16 QAM	1@0	see graph	---
77	15	50	648334	3725.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	50	648334	3725.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	50	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---
77	15	50	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	15	50	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	15	50	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	---
77	15	50	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	50	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	50	663666	3954.99	CP-OFDM QPSK	1@0	see graph	---
77	15	50	663666	3954.99	CP-OFDM QPSK	1@0	see graph	PASS
77	15	50	663666	3954.99	CP-OFDM QPSK	1@0	see graph	PASS
77	15	50	663666	3954.99	CP-OFDM 16 QAM	1@0	see graph	---
77	15	50	663666	3954.99	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	50	663666	3954.99	CP-OFDM 16 QAM	1@0	see graph	PASS

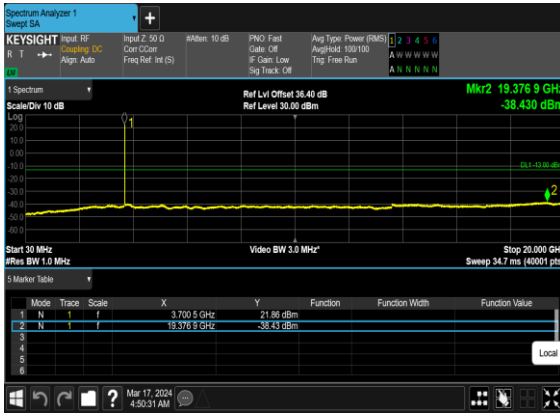
N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



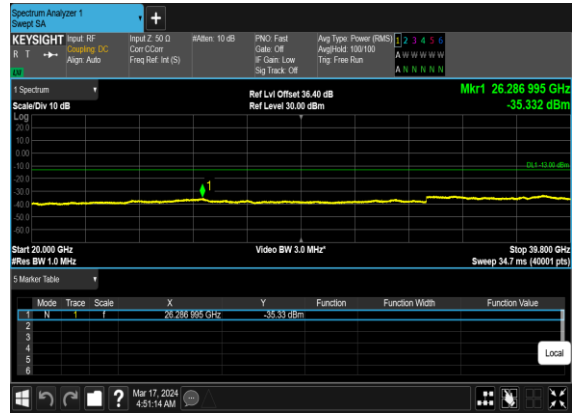
N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



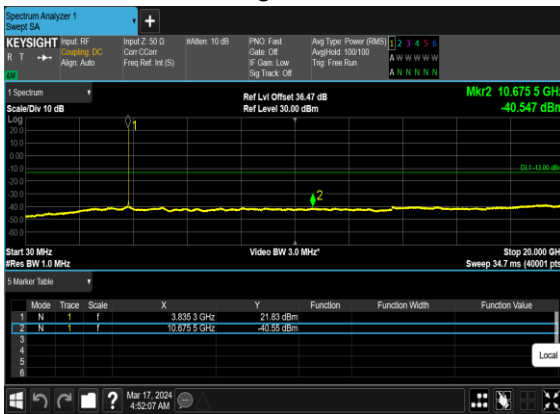
N77(10M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



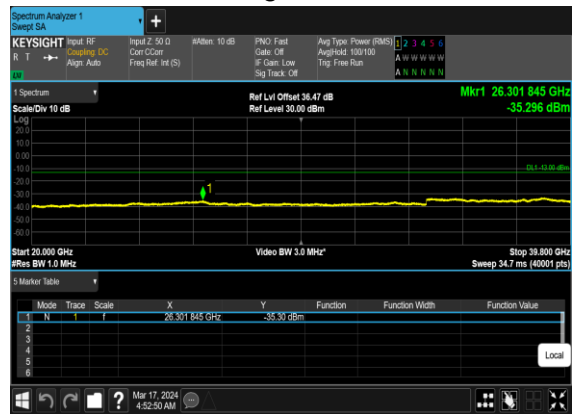
N77(10M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



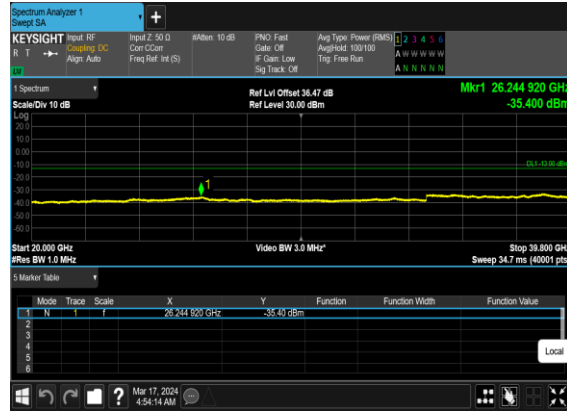
N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



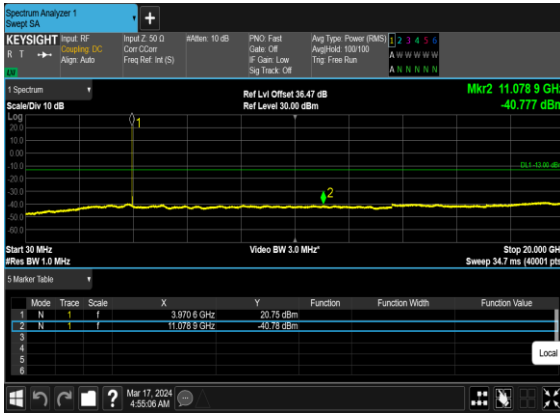
N77(10M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



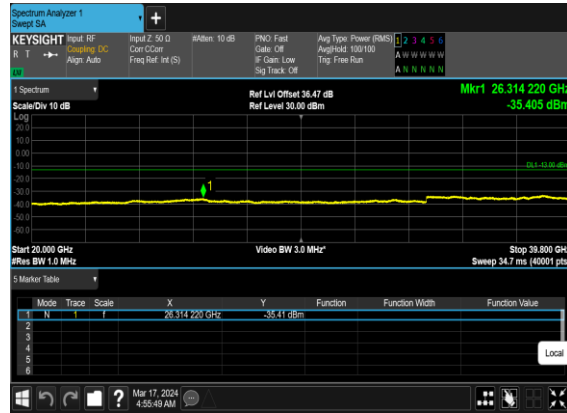
N77(10M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



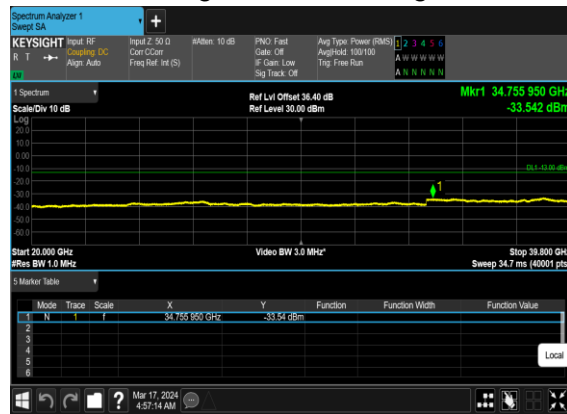
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(10M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



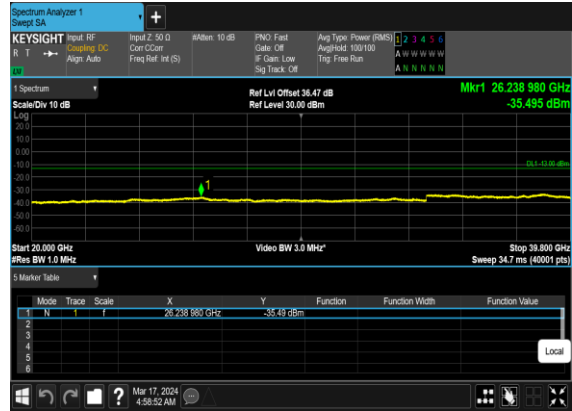
N77(10M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



N77(25M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



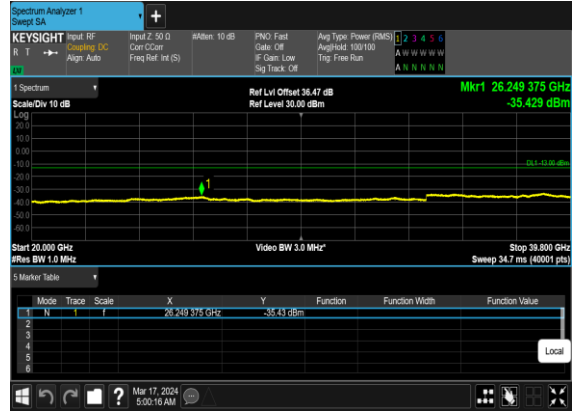
N77(25M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(25M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



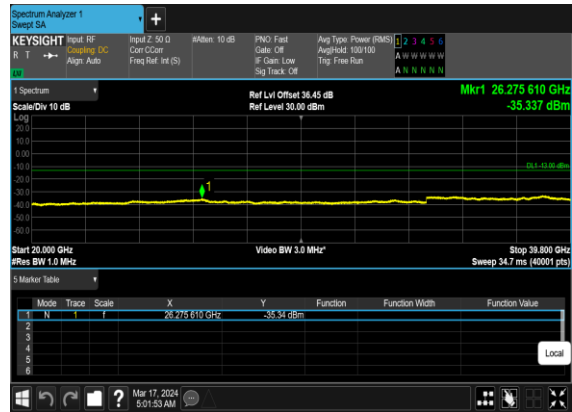
N77(25M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



N77(25M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



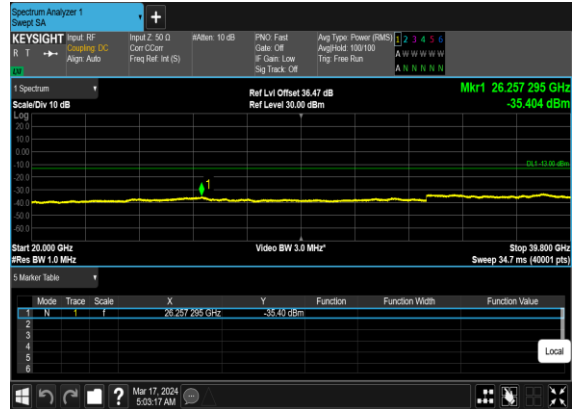
N77(25M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(25M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



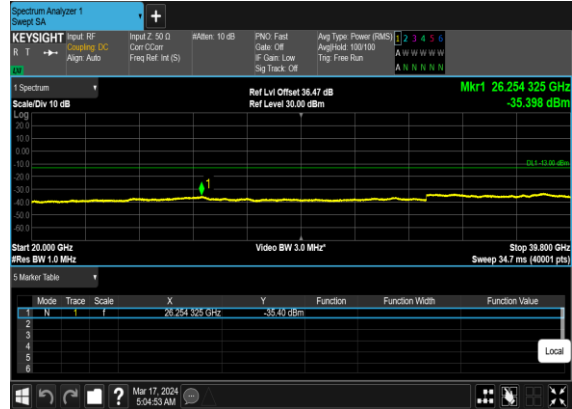
N77(25M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



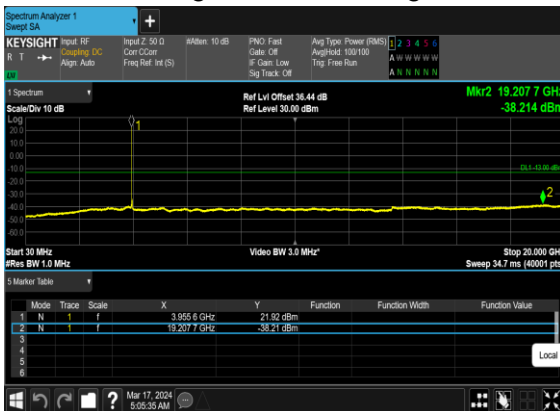
N77(25M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



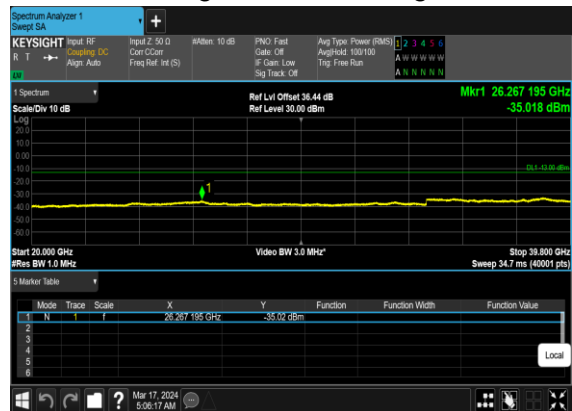
N77(25M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



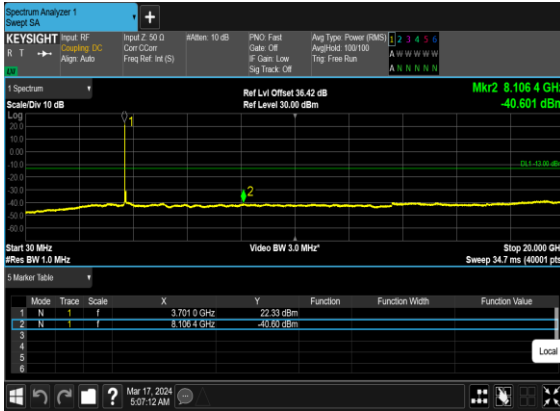
N77(25M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



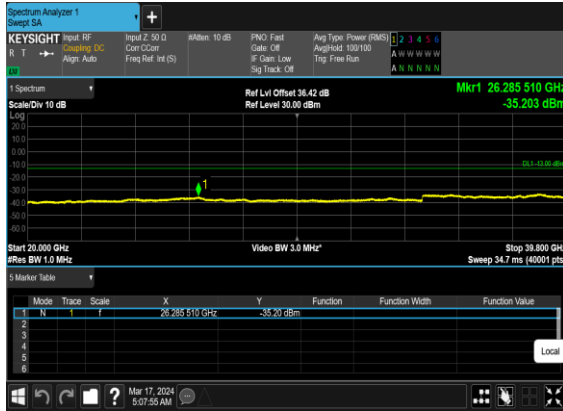
N77(25M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



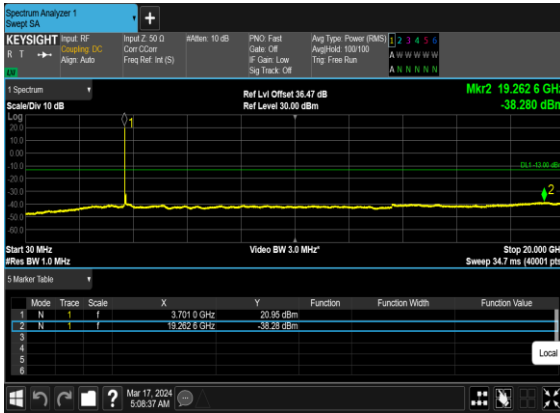
N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



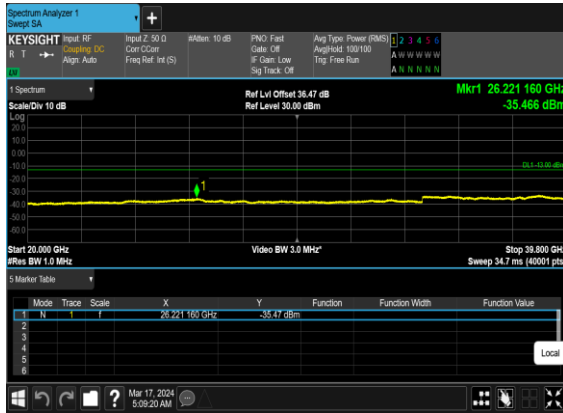
N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



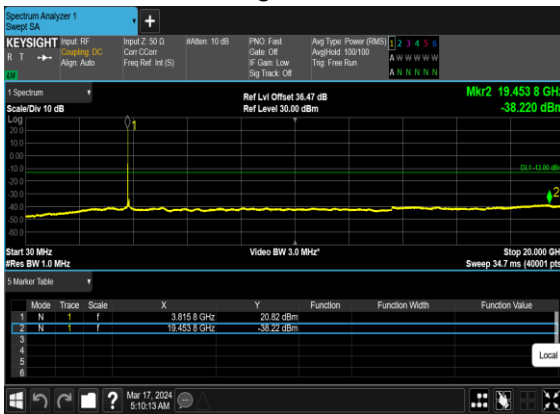
N77(50M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



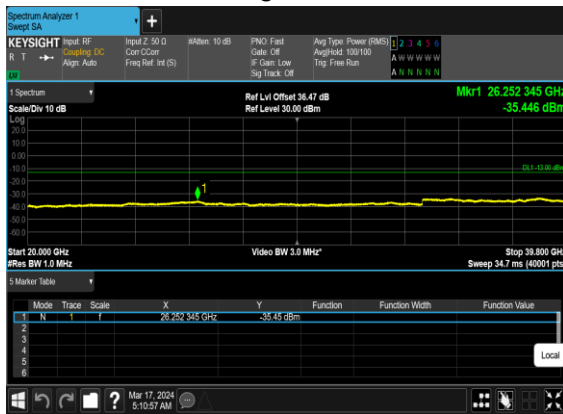
N77(50M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



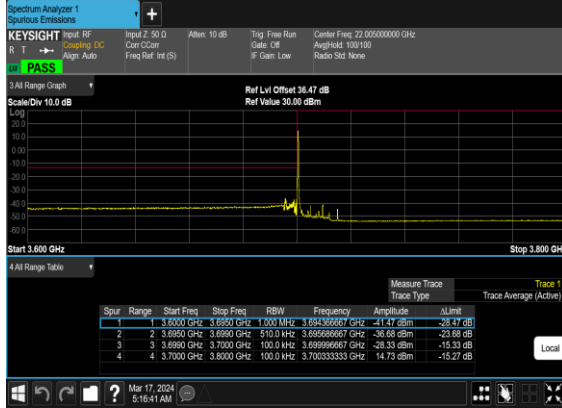
N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



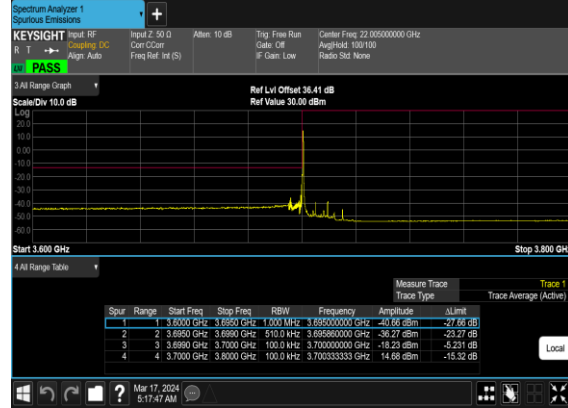
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	10	647000	3705.0	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	647000	3705.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	647000	3705.0	CP-OFDM QPSK	50@0	see graph	PASS
77	15	10	647000	3705.0	CP-OFDM 16 QAM	50@0	see graph	PASS
77	15	10	665000	3975.0	CP-OFDM QPSK	1@51	see graph	PASS
77	15	10	665000	3975.0	CP-OFDM 16 QAM	1@51	see graph	PASS
77	15	10	665000	3975.0	CP-OFDM QPSK	50@0	see graph	PASS
77	15	10	665000	3975.0	CP-OFDM 16 QAM	50@0	see graph	PASS
77	15	25	647500	3712.5	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	647500	3712.5	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	647500	3712.5	CP-OFDM QPSK	128@0	see graph	PASS
77	15	25	647500	3712.5	CP-OFDM 16 QAM	128@0	see graph	PASS
77	15	25	664500	3967.5	CP-OFDM QPSK	1@132	see graph	PASS
77	15	25	664500	3967.5	CP-OFDM 16 QAM	1@132	see graph	PASS
77	15	25	664500	3967.5	CP-OFDM QPSK	128@0	see graph	PASS
77	15	25	664500	3967.5	CP-OFDM 16 QAM	128@0	see graph	PASS
77	15	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	50	648334	3725.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	50	648334	3725.01	CP-OFDM QPSK	270@0	see graph	PASS
77	15	50	648334	3725.01	CP-OFDM 16 QAM	270@0	see graph	PASS
77	15	50	663666	3954.99	CP-OFDM QPSK	1@269	see graph	PASS
77	15	50	663666	3954.99	CP-OFDM 16 QAM	1@269	see graph	PASS
77	15	50	663666	3954.99	CP-OFDM QPSK	270@0	see graph	PASS
77	15	50	663666	3954.99	CP-OFDM 16 QAM	270@0	see graph	PASS

N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



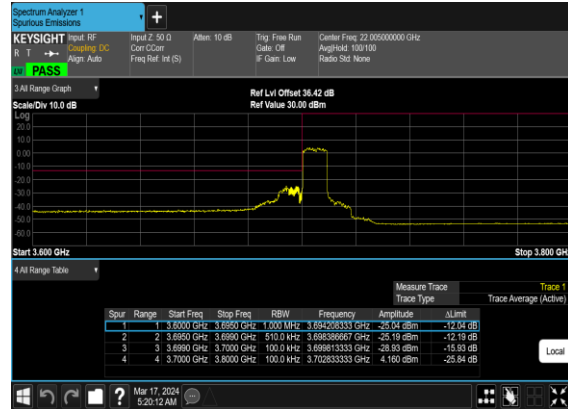
N77(10M)_CP-OFDM_16QAM_Edge_1RB_Left_Low_CH



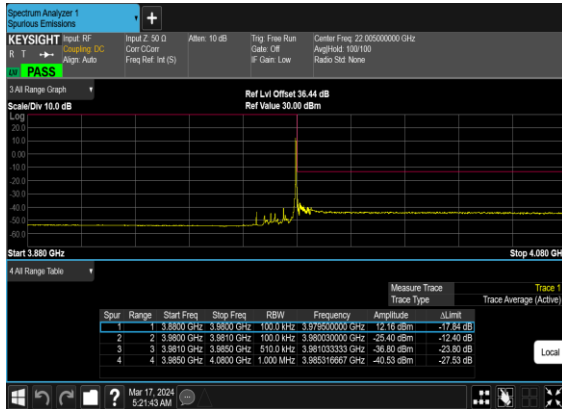
N77(10M)_CP-OFDM_QPSK_Outer_Full_Low_CH



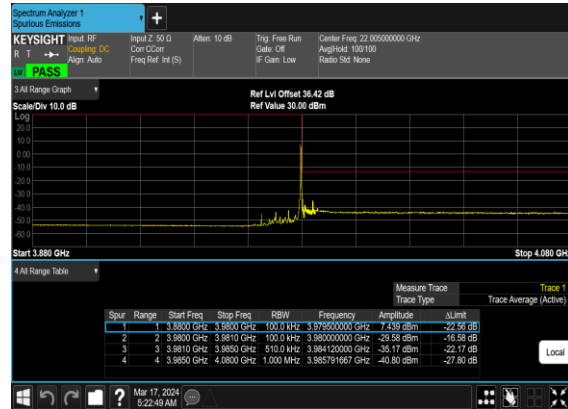
N77(10M)_CP-OFDM_16QAM_Outer_Full_Low_CH



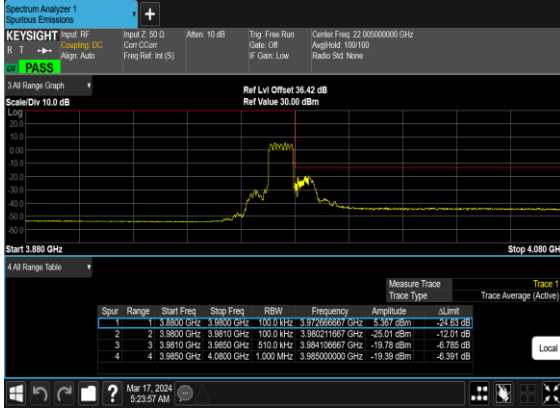
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



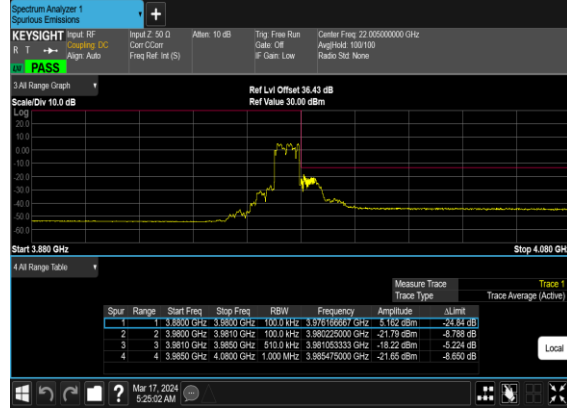
N77(10M)_CP-OFDM_16QAM_Edge_1RB_Right_High_CH



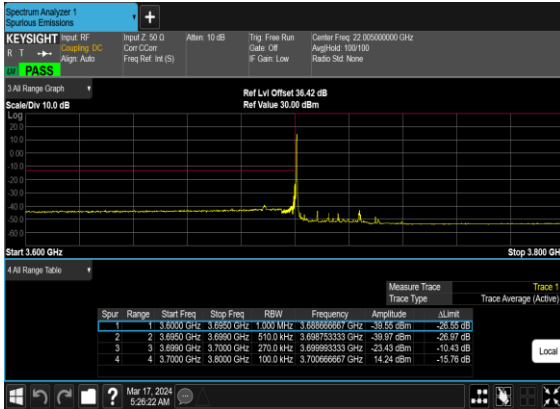
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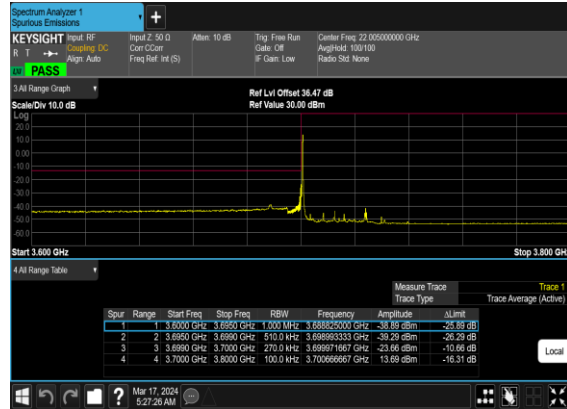
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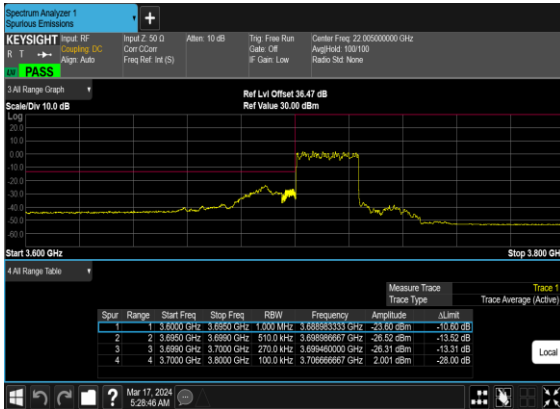
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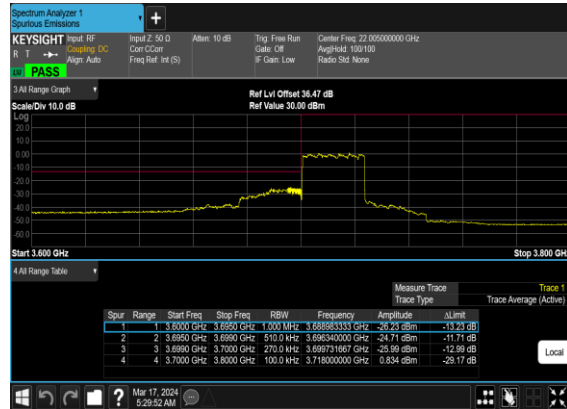
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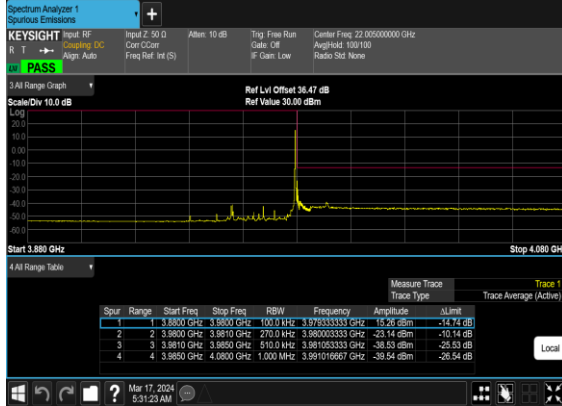
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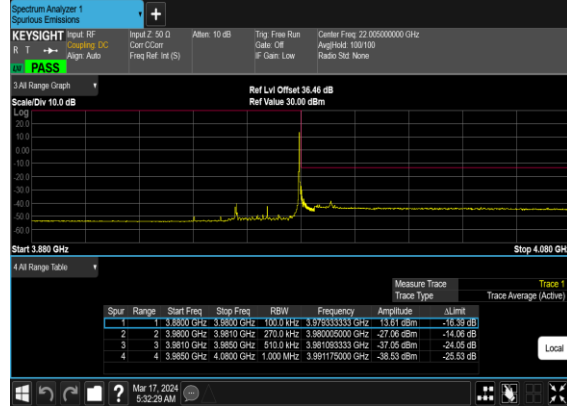
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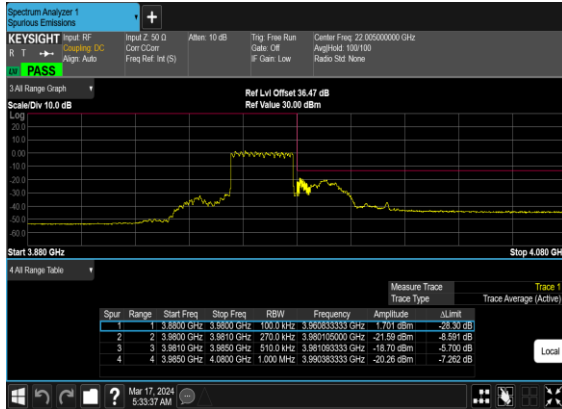
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OFDM_QPSK_Edge_1RB_Right_High_CH



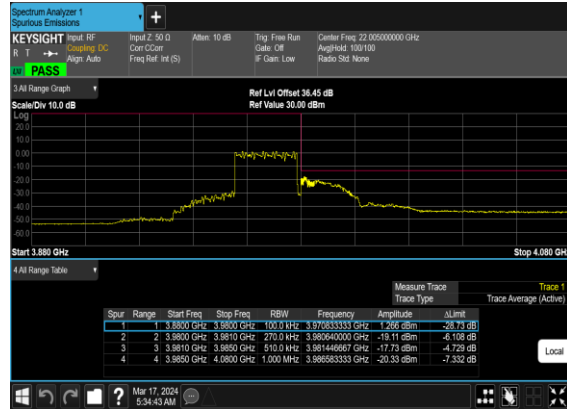
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QAM_Edge_1RB_Right_High_CH



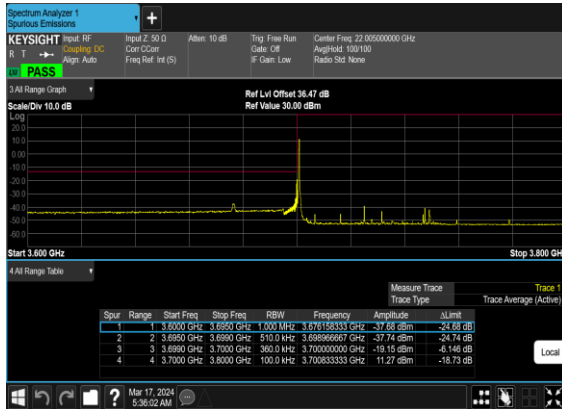
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OFDM_QPSK_Outer_Full_High_CH



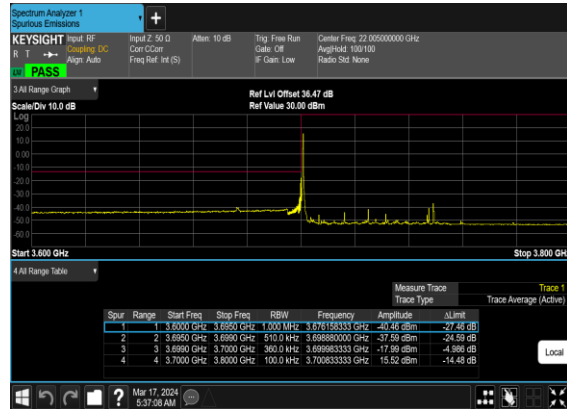
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QAM_Outer_Full_High_CH



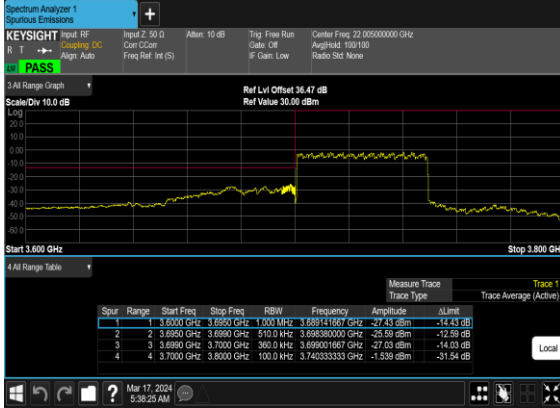
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OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



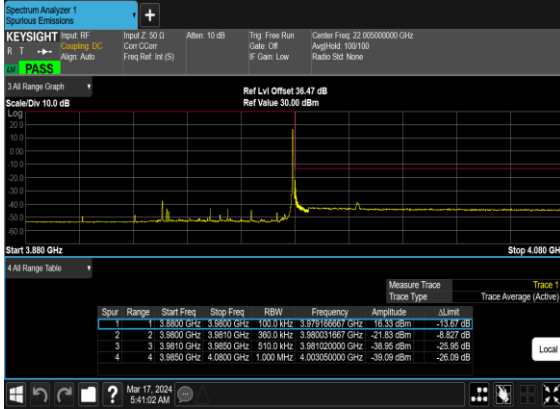
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OFDM_QPSK_Outer_Full_Low_CH



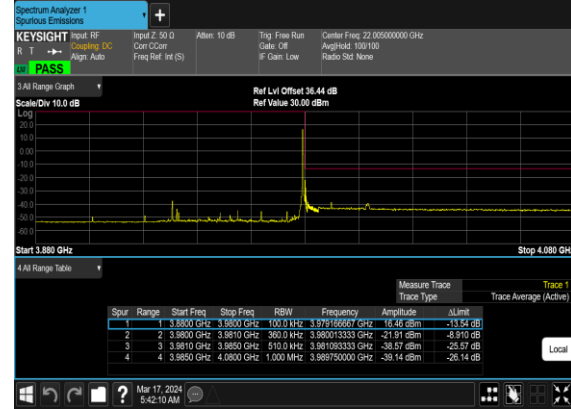
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QAM_Outer_Full_Low_CH



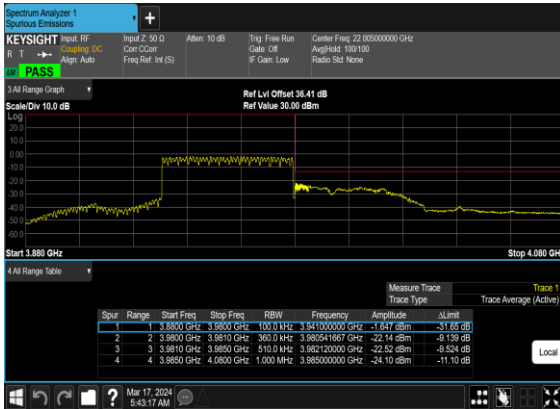
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OFDM_QPSK_Edge_1RB_Right_High_CH



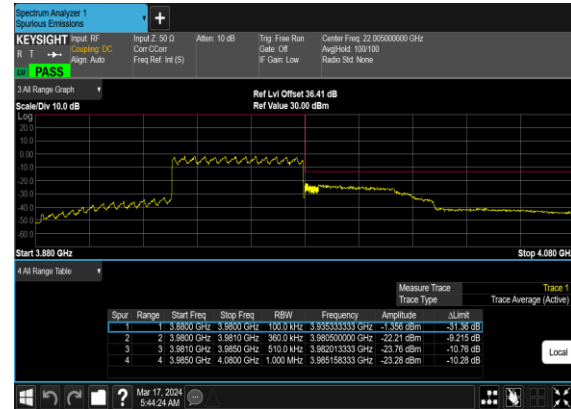
N77(50M)_CP-OFDM_16
QAM_Edge_1RB_Right_High_CH



N77(50M)_CP-
OFDM_QPSK_Outer_Full_High_CH



N77(50M)_CP-OFDM_16
QAM_Outer_Full_High_CH



FR1 N77 SCS 30K MIMO-ANT(4+6)

Transmitter Conducted Output Power And EIRP,(G_T - L_C)=0.6dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	ANT4 Power(dBm)	ANT6 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP(W)
77	30	10	647000	3705	CP-OFDM QPSK	1@1	24.41	24.09	27.26	27.86	0.6114
77	30	10	647000	3705	CP-OFDM 16 QAM	1@1	24.13	23.69	26.93	27.53	0.5657
77	30	10	647000	3705	CP-OFDM 64 QAM	1@1	22.23	21.95	25.10	25.70	0.3718
77	30	10	656000	3840	CP-OFDM QPSK	1@1	24.44	24.23	27.35	27.95	0.6232
77	30	10	656000	3840	CP-OFDM 16 QAM	1@1	24.04	24.04	27.05	27.65	0.5821
77	30	10	656000	3840	CP-OFDM 64 QAM	1@1	22.19	22.24	25.23	25.83	0.3824
77	30	10	665000	3975	CP-OFDM QPSK	1@1	24.18	23.99	27.10	27.70	0.5883
77	30	10	665000	3975	CP-OFDM 16 QAM	1@1	23.78	23.62	26.71	27.31	0.5384
77	30	10	665000	3975	CP-OFDM 64 QAM	1@1	21.89	21.61	24.76	25.36	0.3438
77	30	15	647168	3707.52	CP-OFDM QPSK	1@1	24.46	24.1	27.29	27.89	0.6157
77	30	15	647168	3707.52	CP-OFDM 16 QAM	1@1	24.05	23.56	26.82	27.42	0.5524
77	30	15	647168	3707.52	CP-OFDM 64 QAM	1@1	22.19	21.97	25.09	25.69	0.3708
77	30	15	656000	3840	CP-OFDM QPSK	1@1	24.43	24.12	27.29	27.89	0.6149
77	30	15	656000	3840	CP-OFDM 16 QAM	1@1	24.01	23.97	27.00	27.60	0.5755
77	30	15	656000	3840	CP-OFDM 64 QAM	1@1	22.3	22.18	25.25	25.85	0.3847
77	30	15	664832	3972.48	CP-OFDM QPSK	1@1	24.07	23.93	27.01	27.61	0.5769
77	30	15	664832	3972.48	CP-OFDM 16 QAM	1@1	23.75	23.71	26.74	27.34	0.5420
77	30	15	664832	3972.48	CP-OFDM 64 QAM	1@1	21.55	21.4	24.49	25.09	0.3225
77	30	20	647334	3710.01	CP-OFDM QPSK	1@1	24.39	24.44	27.43	28.03	0.6347
77	30	20	647334	3710.01	CP-OFDM 16 QAM	1@1	24.05	23.73	26.90	27.50	0.5628
77	30	20	647334	3710.01	CP-OFDM 64 QAM	1@1	22.03	21.57	24.82	25.42	0.3480
77	30	20	656000	3840	CP-OFDM QPSK	1@1	24.46	24.31	27.40	28.00	0.6304
77	30	20	656000	3840	CP-OFDM 16 QAM	1@1	24.16	24.07	27.13	27.73	0.5923
77	30	20	656000	3840	CP-OFDM 64 QAM	1@1	22.07	21.98	25.04	25.64	0.3661
77	30	20	664666	3969.99	CP-OFDM QPSK	1@1	24.17	24.19	27.19	27.79	0.6012
77	30	20	664666	3969.99	CP-OFDM 16 QAM	1@1	23.78	23.86	26.83	27.43	0.5534
77	30	20	664666	3969.99	CP-OFDM 64 QAM	1@1	21.88	21.8	24.85	25.45	0.3508
77	30	25	647500	3712.5	CP-OFDM QPSK	1@1	24.47	24.13	27.31	27.91	0.6185
77	30	25	647500	3712.5	CP-OFDM 16 QAM	1@1	24.3	23.73	27.03	27.63	0.5800
77	30	25	647500	3712.5	CP-OFDM 64 QAM	1@1	21.93	21.66	24.81	25.41	0.3473
77	30	25	656000	3840	CP-OFDM QPSK	1@1	24.48	24.48	27.49	28.09	0.6442
77	30	25	656000	3840	CP-OFDM 16 QAM	1@1	24.22	23.96	27.10	27.70	0.5891
77	30	25	656000	3840	CP-OFDM 64 QAM	1@1	21.98	21.76	24.88	25.48	0.3533
77	30	25	664500	3967.5	CP-OFDM QPSK	1@1	24.16	23.97	27.08	27.68	0.5856
77	30	25	664500	3967.5	CP-OFDM 16 QAM	1@1	23.76	23.64	26.71	27.31	0.5384
77	30	25	664500	3967.5	CP-OFDM 64 QAM	1@1	21.7	21.43	24.58	25.18	0.3294
77	30	30	647668	3715.02	CP-OFDM QPSK	1@1	24.47	24.24	27.37	27.97	0.6262
77	30	30	647668	3715.02	CP-OFDM 16 QAM	1@1	24.08	23.83	26.97	27.57	0.5711
77	30	30	647668	3715.02	CP-OFDM 64 QAM	1@1	22.1	21.83	24.98	25.58	0.3612
77	30	30	656000	3840	CP-OFDM QPSK	1@1	24.62	24.27	27.46	28.06	0.6396
77	30	30	656000	3840	CP-OFDM 16 QAM	1@1	24.1	24.05	27.09	27.69	0.5869
77	30	30	656000	3840	CP-OFDM 64 QAM	1@1	22.28	22.17	25.24	25.84	0.3833
77	30	30	664332	3964.98	CP-OFDM QPSK	1@1	24.09	24.08	27.10	27.70	0.5882
77	30	30	664332	3964.98	CP-OFDM 16 QAM	1@1	23.66	23.58	26.63	27.23	0.5285
77	30	30	664332	3964.98	CP-OFDM 64 QAM	1@1	21.52	21.33	24.44	25.04	0.3189

77	30	40	648000	3720	CP-OFDM QPSK	1@1	24.6	24.16	27.40	28.00	0.6304
77	30	40	648000	3720	CP-OFDM 16 QAM	1@1	24.13	23.67	26.92	27.52	0.5645
77	30	40	648000	3720	CP-OFDM 64 QAM	1@1	22.21	22.08	25.16	25.76	0.3763
77	30	40	656000	3840	CP-OFDM QPSK	1@1	24.72	24.33	27.54	28.14	0.6516
77	30	40	656000	3840	CP-OFDM 16 QAM	1@1	24.25	23.93	27.10	27.70	0.5893
77	30	40	656000	3840	CP-OFDM 64 QAM	1@1	22.35	22.14	25.26	25.86	0.3852
77	30	40	664000	3960	CP-OFDM QPSK	1@1	24.01	23.93	26.98	27.58	0.5729
77	30	40	664000	3960	CP-OFDM 16 QAM	1@1	23.65	23.64	26.66	27.26	0.5315
77	30	40	664000	3960	CP-OFDM 64 QAM	1@1	21.46	21.43	24.46	25.06	0.3203
77	30	50	648334	3725.01	CP-OFDM QPSK	1@1	24.65	24.12	27.40	28.00	0.6314
77	30	50	648334	3725.01	CP-OFDM 16 QAM	1@1	24.1	23.76	26.94	27.54	0.5680
77	30	50	648334	3725.01	CP-OFDM 64 QAM	1@1	22.27	22.15	25.22	25.82	0.3820
77	30	50	656000	3840	CP-OFDM QPSK	1@1	24.71	24.49	27.61	28.21	0.6625
77	30	50	656000	3840	CP-OFDM 16 QAM	1@1	24.34	23.76	27.07	27.67	0.5848
77	30	50	656000	3840	CP-OFDM 64 QAM	1@1	22.29	21.9	25.11	25.71	0.3724
77	30	50	663666	3954.99	CP-OFDM QPSK	1@1	23.87	24.09	26.99	27.59	0.5743
77	30	50	663666	3954.99	CP-OFDM 16 QAM	1@1	23.54	23.53	26.55	27.15	0.5182
77	30	50	663666	3954.99	CP-OFDM 64 QAM	1@1	21.37	21.4	24.40	25.00	0.3159
77	30	60	648668	3730.02	CP-OFDM QPSK	1@1	24.43	24.27	27.36	27.96	0.6253
77	30	60	648668	3730.02	CP-OFDM 16 QAM	1@1	24.08	23.69	26.90	27.50	0.5623
77	30	60	648668	3730.02	CP-OFDM 64 QAM	1@1	21.97	21.81	24.90	25.50	0.3549
77	30	60	656000	3840	CP-OFDM QPSK	1@1	24.76	24.18	27.49	28.09	0.6442
77	30	60	656000	3840	CP-OFDM 16 QAM	1@1	24.36	23.84	27.12	27.72	0.5913
77	30	60	656000	3840	CP-OFDM 64 QAM	1@1	22.42	22.15	25.30	25.90	0.3888
77	30	60	663332	3949.98	CP-OFDM QPSK	1@1	24.01	24.12	27.08	27.68	0.5856
77	30	60	663332	3949.98	CP-OFDM 16 QAM	1@1	23.56	23.81	26.70	27.30	0.5367
77	30	60	663332	3949.98	CP-OFDM 64 QAM	1@1	22.32	22.41	25.38	25.98	0.3959
77	30	70	649000	3735	CP-OFDM QPSK	1@1	24.56	24.24	27.41	28.01	0.6329
77	30	70	649000	3735	CP-OFDM 16 QAM	1@1	24.15	23.69	26.94	27.54	0.5671
77	30	70	649000	3735	CP-OFDM 64 QAM	1@1	22.23	22.03	25.14	25.74	0.3751
77	30	70	656000	3840	CP-OFDM QPSK	1@1	24.85	24.51	27.69	28.29	0.6751
77	30	70	656000	3840	CP-OFDM 16 QAM	1@1	24.48	24.19	27.35	27.95	0.6234
77	30	70	656000	3840	CP-OFDM 64 QAM	1@1	22.26	21.93	25.11	25.71	0.3723
77	30	70	663000	3945	CP-OFDM QPSK	1@1	24.09	24.6	27.36	27.96	0.6256
77	30	70	663000	3945	CP-OFDM 16 QAM	1@1	23.71	23.84	26.79	27.39	0.5477
77	30	70	663000	3945	CP-OFDM 64 QAM	1@1	21.51	21.68	24.61	25.21	0.3316
77	30	80	649334	3740.01	CP-OFDM QPSK	1@1	24.49	24.19	27.35	27.95	0.6242
77	30	80	649334	3740.01	CP-OFDM 16 QAM	1@1	24.13	23.7	26.93	27.53	0.5663
77	30	80	649334	3740.01	CP-OFDM 64 QAM	1@1	21.94	21.79	24.88	25.48	0.3529
77	30	80	656000	3840	CP-OFDM QPSK	1@1	24.91	24.43	27.69	28.29	0.6741
77	30	80	656000	3840	CP-OFDM 16 QAM	1@1	24.46	24.28	27.38	27.98	0.6282
77	30	80	656000	3840	CP-OFDM 64 QAM	1@1	22.24	21.93	25.10	25.70	0.3714
77	30	80	662666	3939.99	CP-OFDM QPSK	1@1	24.11	24.44	27.29	27.89	0.6150
77	30	80	662666	3939.99	CP-OFDM 16 QAM	1@1	23.67	23.83	26.76	27.36	0.5446
77	30	80	662666	3939.99	CP-OFDM 64 QAM	1@1	21.58	21.77	24.69	25.29	0.3378
77	30	90	649668	3745.02	CP-OFDM QPSK	1@1	24.68	24.24	27.48	28.08	0.6421
77	30	90	649668	3745.02	CP-OFDM 16 QAM	1@1	24.82	23.67	27.29	27.89	0.6156
77	30	90	649668	3745.02	CP-OFDM 64 QAM	1@1	23.1	21.78	25.50	26.10	0.4074
77	30	90	656000	3840	CP-OFDM QPSK	1@1	24.83	24.4	27.63	28.23	0.6654
77	30	90	656000	3840	CP-OFDM 16 QAM	1@1	24.41	24.16	27.30	27.90	0.6162
77	30	90	656000	3840	CP-OFDM 64 QAM	1@1	22.16	21.9	25.04	25.64	0.3666
77	30	90	662332	3934.98	CP-OFDM QPSK	1@1	24.2	24.38	27.30	27.90	0.6168
77	30	90	662332	3934.98	CP-OFDM 16 QAM	1@1	23.71	23.93	26.83	27.43	0.5536
77	30	90	662332	3934.98	CP-OFDM 64 QAM	1@1	21.61	21.82	24.73	25.33	0.3409

77	30	100	650000	3750	CP-OFDM QPSK	137@68	24.32	24.09	27.22	27.82	0.6049
77	30	100	650000	3750	CP-OFDM QPSK	1@1	24.52	24.35	27.45	28.05	0.6377
77	30	100	650000	3750	CP-OFDM QPSK	1@271	24.19	24.23	27.22	27.82	0.6054
77	30	100	650000	3750	CP-OFDM 16 QAM	137@68	23.55	23.61	26.59	27.19	0.5236
77	30	100	650000	3750	CP-OFDM 16 QAM	1@1	23.46	23.62	26.55	27.15	0.5189
77	30	100	650000	3750	CP-OFDM 16 QAM	1@271	23.96	23.81	26.90	27.50	0.5618
77	30	100	650000	3750	CP-OFDM 64 QAM	137@68	21.55	21.75	24.66	25.26	0.3358
77	30	100	650000	3750	CP-OFDM 64 QAM	1@1	21.63	21.78	24.72	25.32	0.3401
77	30	100	650000	3750	CP-OFDM 64 QAM	1@271	21.63	21.58	24.62	25.22	0.3323
77	30	100	650000	3750	CP-OFDM 256 QAM	137@68	21.41	21.74	24.59	25.19	0.3303
77	30	100	650000	3750	CP-OFDM 256 QAM	1@1	17.88	17.94	20.92	21.52	0.1419
77	30	100	650000	3750	CP-OFDM 256 QAM	1@271	17.65	17.96	20.82	21.42	0.1386
77	30	100	656000	3840	CP-OFDM QPSK	137@68	24.48	24.43	27.47	28.07	0.6405
77	30	100	656000	3840	CP-OFDM QPSK	1@1	25.27	24.75	28.03	28.63	0.7291
77	30	100	656000	3840	CP-OFDM QPSK	1@271	24.39	24.15	27.28	27.88	0.6140
77	30	100	656000	3840	CP-OFDM 16 QAM	137@68	24.06	23.96	27.02	27.62	0.5782
77	30	100	656000	3840	CP-OFDM 16 QAM	1@1	24.96	23.84	27.45	28.05	0.6377
77	30	100	656000	3840	CP-OFDM 16 QAM	1@271	23.93	23.9	26.93	27.53	0.5656
77	30	100	656000	3840	CP-OFDM 64 QAM	137@68	22.09	21.99	25.05	25.65	0.3673
77	30	100	656000	3840	CP-OFDM 64 QAM	1@1	22.49	22.07	25.30	25.90	0.3886
77	30	100	656000	3840	CP-OFDM 64 QAM	1@271	22.06	22.04	25.06	25.66	0.3682
77	30	100	656000	3840	CP-OFDM 256 QAM	137@68	22.09	22	25.06	25.66	0.3678
77	30	100	656000	3840	CP-OFDM 256 QAM	1@1	18.33	18.02	21.19	21.79	0.1509
77	30	100	656000	3840	CP-OFDM 256 QAM	1@271	18.16	17.88	21.03	21.63	0.1456
77	30	100	662000	3930	CP-OFDM QPSK	137@68	24.25	24.26	27.27	27.87	0.6117
77	30	100	662000	3930	CP-OFDM QPSK	1@1	24.24	24.62	27.44	28.04	0.6374
77	30	100	662000	3930	CP-OFDM QPSK	1@271	24.42	23.92	27.19	27.79	0.6008
77	30	100	662000	3930	CP-OFDM 16 QAM	137@68	23.85	23.68	26.78	27.38	0.5465
77	30	100	662000	3930	CP-OFDM 16 QAM	1@1	23.92	24.02	26.98	27.58	0.5729
77	30	100	662000	3930	CP-OFDM 16 QAM	1@271	24.02	23.56	26.81	27.41	0.5503
77	30	100	662000	3930	CP-OFDM 64 QAM	137@68	21.85	21.75	24.81	25.41	0.3476
77	30	100	662000	3930	CP-OFDM 64 QAM	1@1	21.75	21.88	24.83	25.43	0.3488
77	30	100	662000	3930	CP-OFDM 64 QAM	1@271	21.87	21.46	24.68	25.28	0.3373
77	30	100	662000	3930	CP-OFDM 256 QAM	137@68	21.9	21.76	24.84	25.44	0.3500
77	30	100	662000	3930	CP-OFDM 256 QAM	1@1	18.11	18.2	21.17	21.77	0.1502
77	30	100	662000	3930	CP-OFDM 256 QAM	1@271	18.36	17.79	21.09	21.69	0.1477

FR1 N77 SCS 30K MIMO-ANT4

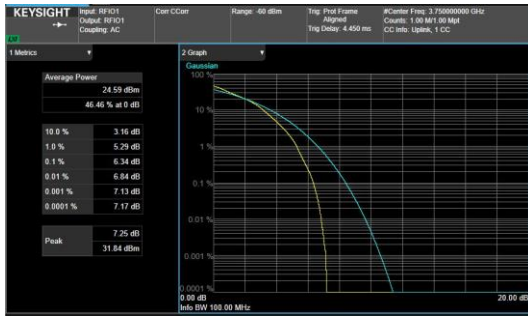
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00259	PASS	NV
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00342	PASS	LV
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00426	PASS	HV
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00346	PASS	-30°C
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00339	PASS	-20°C
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00427	PASS	-10°C
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00316	PASS	0°C
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00358	PASS	10°C
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00172	PASS	20°C
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00395	PASS	30°C
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00527	PASS	40°C
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00347	PASS	50°C

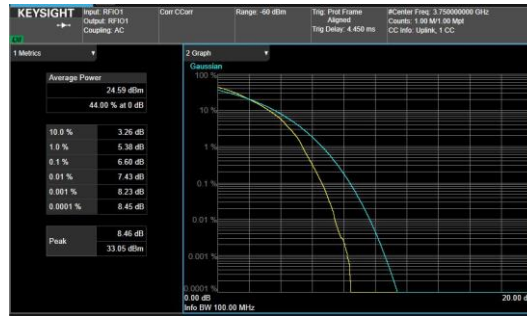
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	100	650000	3750.0	CP-OFDM QPSK	273@0	6.34	13	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	6.60	13	PASS
77	30	100	650000	3750.0	CP-OFDM 16 QAM	273@0	6.31	13	PASS
77	30	100	650000	3750.0	CP-OFDM 16 QAM	1@0	6.60	13	PASS

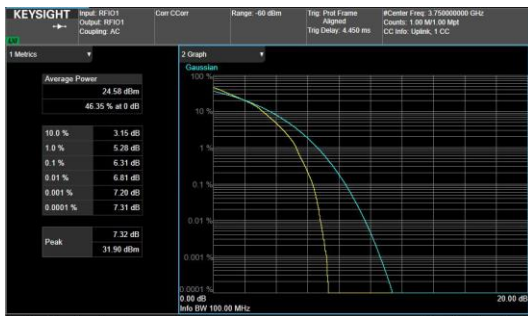
N77(60M)_CP-OFDM
_QPSK_Outer_Full_Low_CH



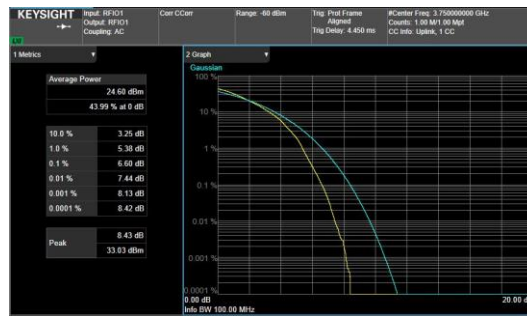
N77(60M)_CP-OFDM
_QPSK_Edge_1RB_Left_Low_CH



N77(60M)_CP-OFDM_16
QAM_Outer_Full_Low_CH



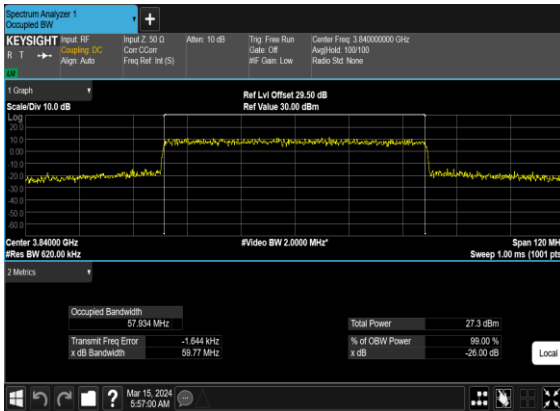
N77(60M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



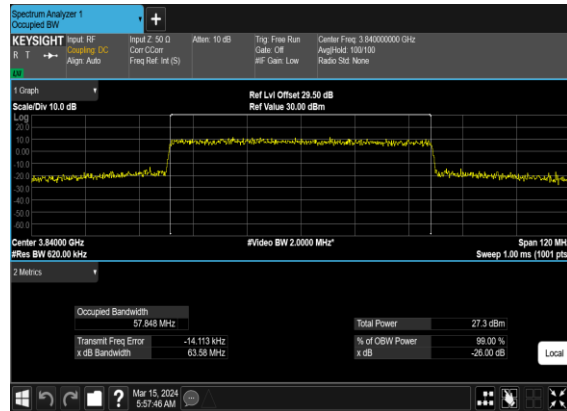
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.934	59.77
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.848	63.58
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.871	59.74
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.831	59.73
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.589	82.51
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.656	75.07
77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.677	77.07
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.393	69.7
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.413	88.4
77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.715	79.94
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.644	79.94
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.523	79.92
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.776	90.37
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.811	98.63
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.6	97.11
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.559	90.21
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.611	105.2
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.527	116.7
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.917	105.1
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.642	100.5

N77(60M)_CP-OFDM _QPSK_Outer_Full_Mid_CH



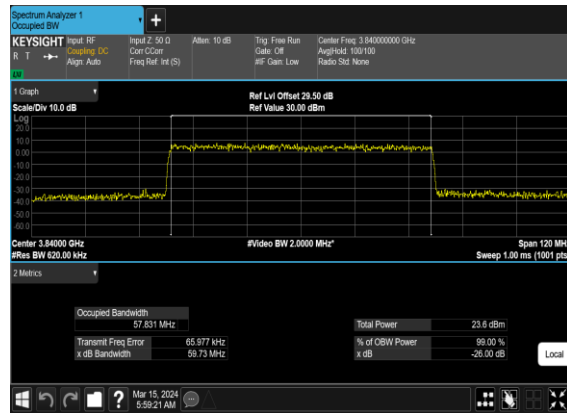
N77(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



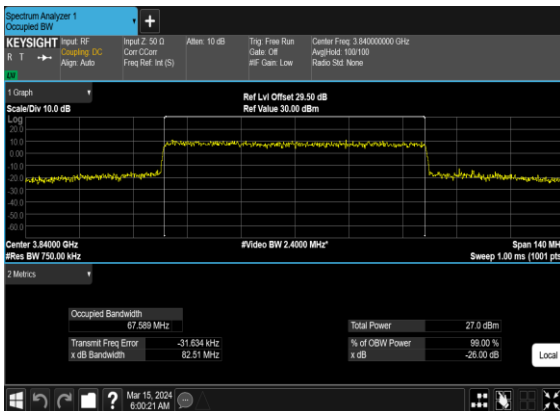
N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



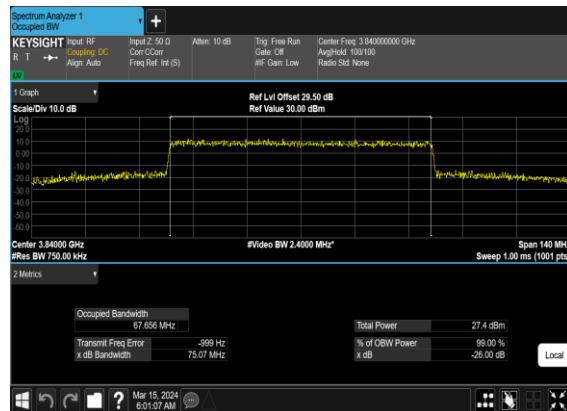
N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



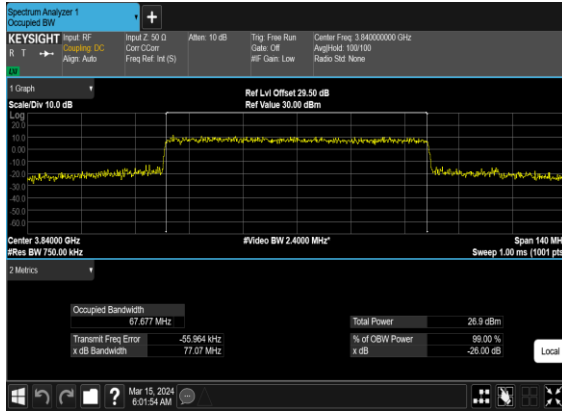
N77(70M)_CP-OFDM _QPSK_Outer_Full_Mid_CH



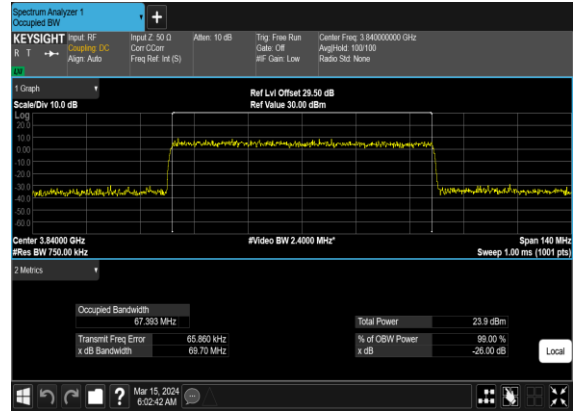
N77(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



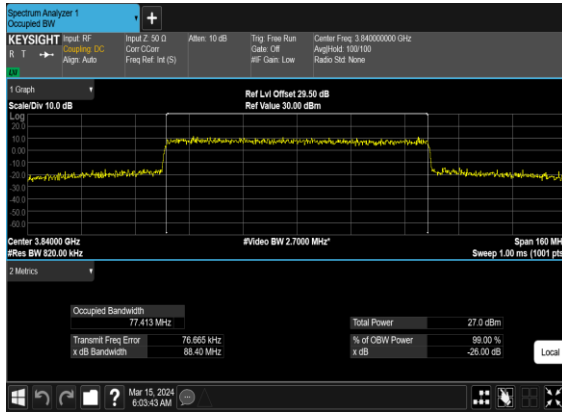
N77(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



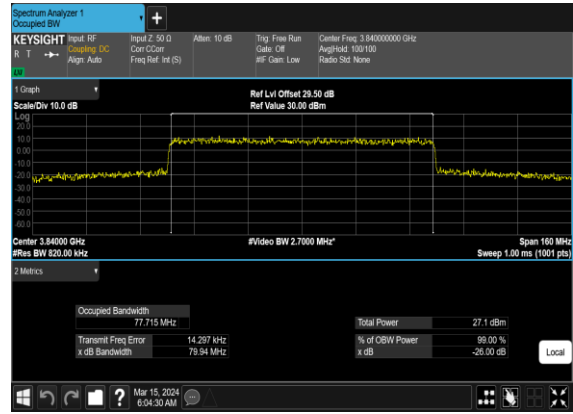
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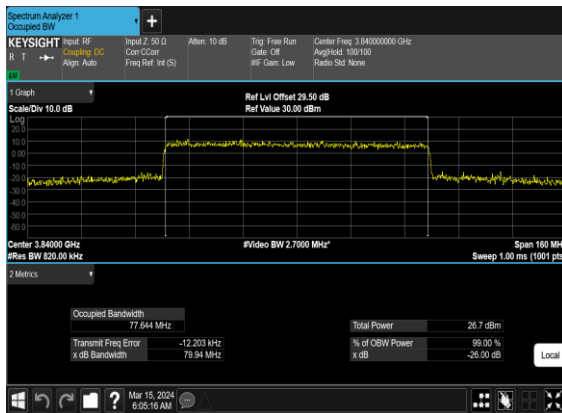
N77(80M)_CP-OFDM _QPSK_Outer_Full_Mid_CH



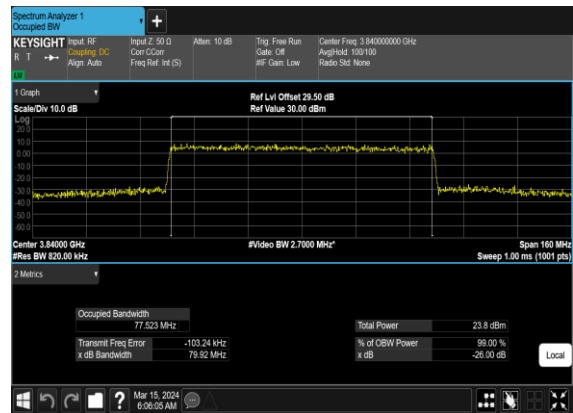
N77(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



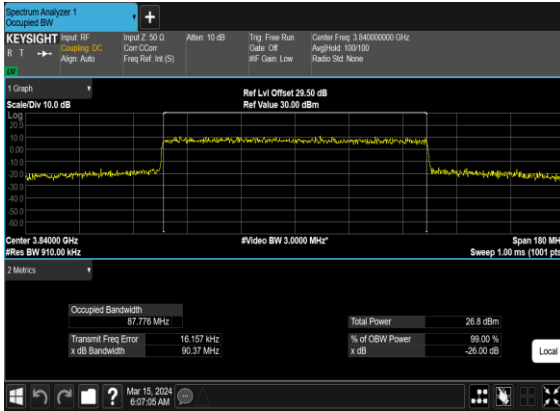
N77(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



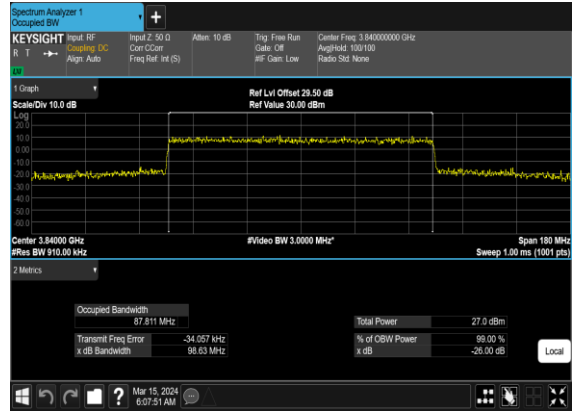
N77(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



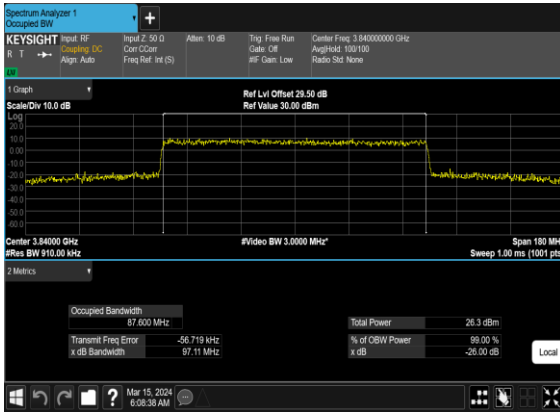
N77(90M)_CP-OFDM _QPSK_Outer_Full_Mid_CH



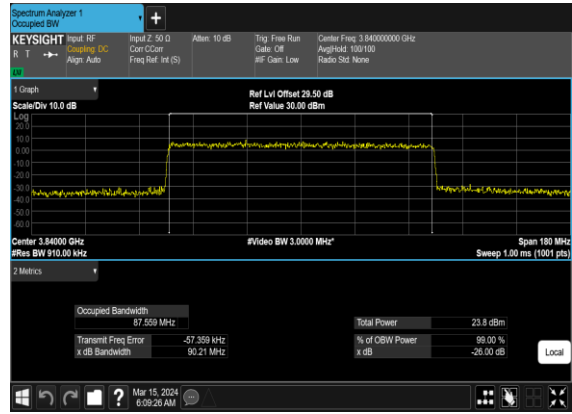
N77(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



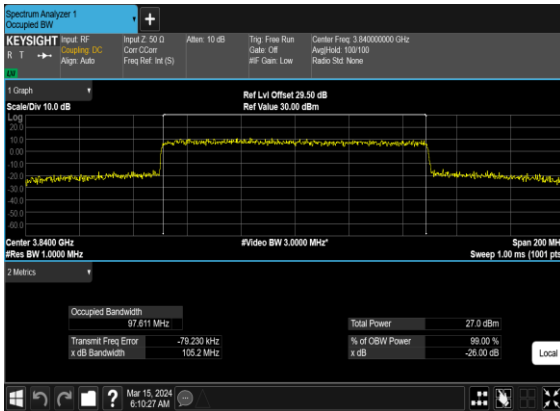
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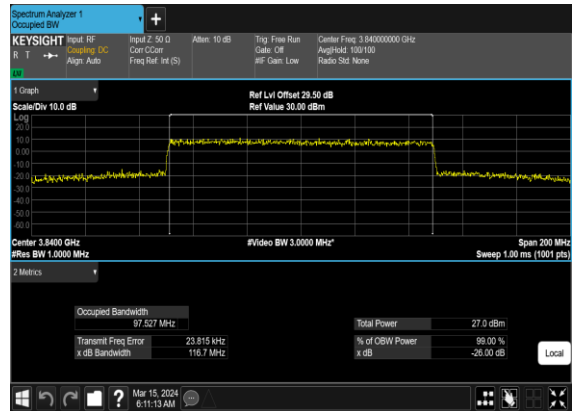
N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



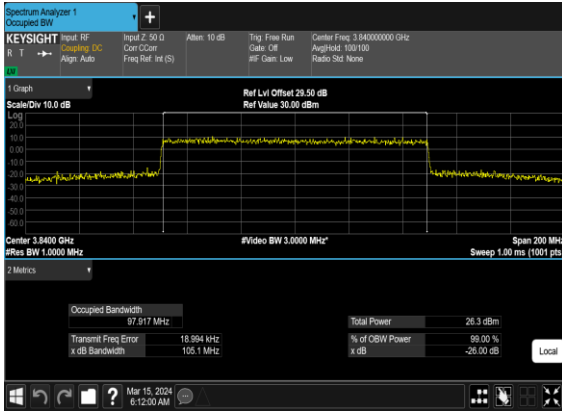
N77(100M)_CP-OFDM _QPSK_Outer_Full_Mid_CH



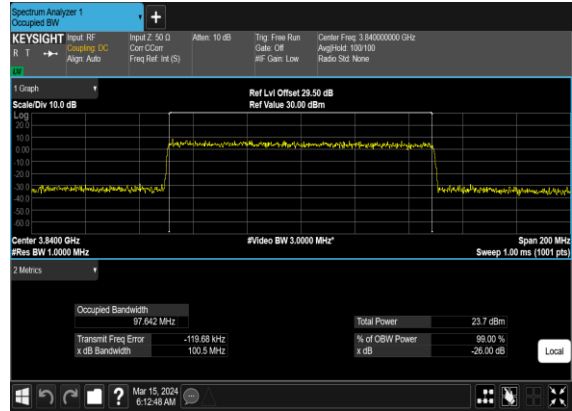
N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



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	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	---
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM 16 QAM	1@0	see graph	---
77	30	60	648668	3730.02	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---
77	30	60	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	---
77	30	60	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM QPSK	1@0	see graph	---
77	30	60	663332	3949.98	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM 16 QAM	1@0	see graph	---
77	30	60	663332	3949.98	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	80	649334	3740.01	CP-OFDM QPSK	1@0	see graph	---
77	30	80	649334	3740.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	CP-OFDM 16 QAM	1@0	see graph	---
77	30	80	649334	3740.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	80	649334	3740.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	80	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---
77	30	80	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	---
77	30	80	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	80	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS

77	30	80	662666	3939.99	CP-OFDM QPSK	1@0	see graph	---
77	30	80	662666	3939.99	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	662666	3939.99	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	662666	3939.99	CP-OFDM 16 QAM	1@0	see graph	---
77	30	80	662666	3939.99	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	80	662666	3939.99	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	---
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	---
77	30	100	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	100	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---
77	30	100	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	---
77	30	100	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	100	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM QPSK	1@0	see graph	---
77	30	100	662000	3930.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM 16 QAM	1@0	see graph	---
77	30	100	662000	3930.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM 16 QAM	1@0	see graph	PASS