N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

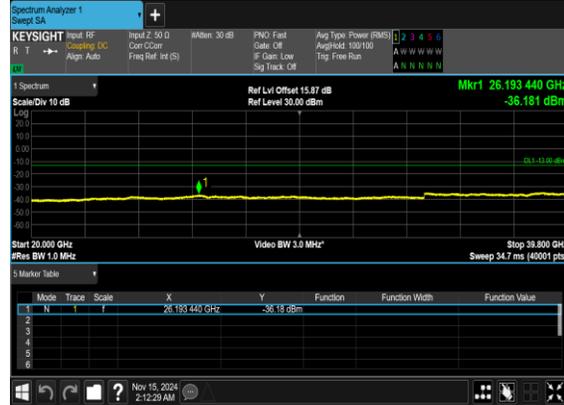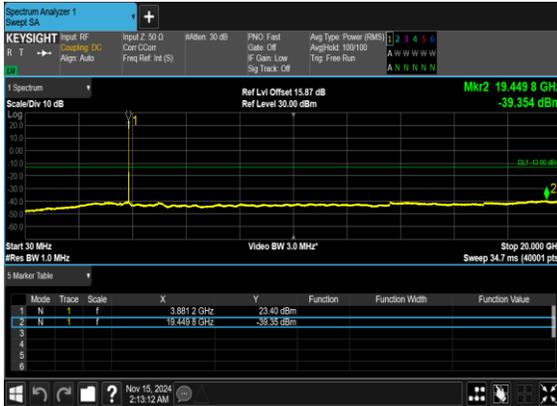### N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

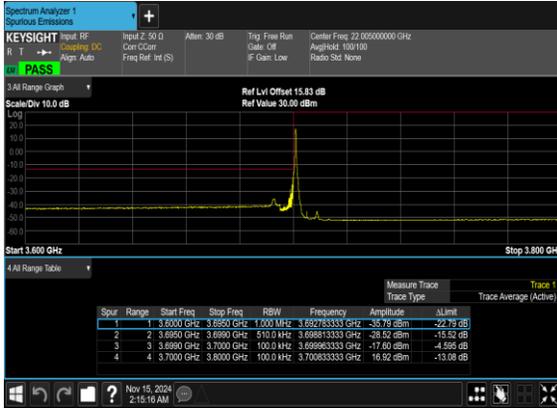### N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

Conducted Band Edge

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

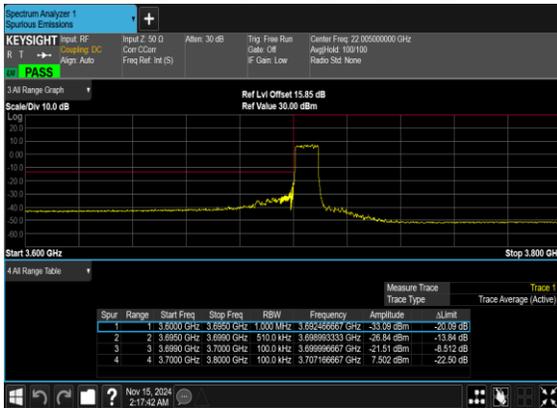| 77	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	see graph	**PASS**
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@272	see graph	**PASS**
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@272	see graph	**PASS**
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	270@0	see graph	**PASS**

N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH
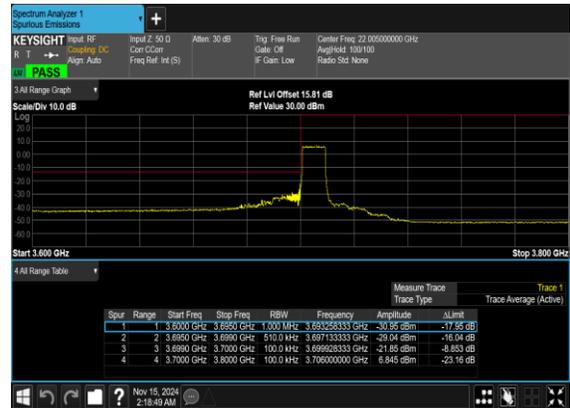
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH
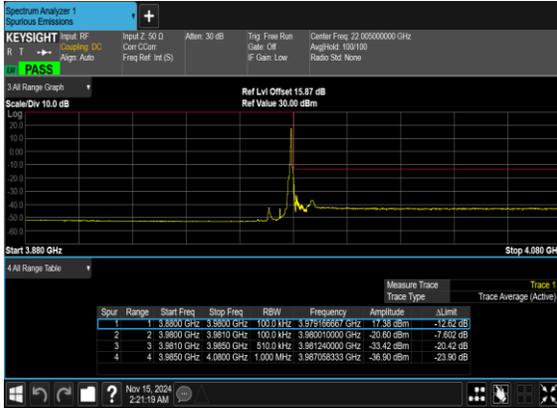

N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH
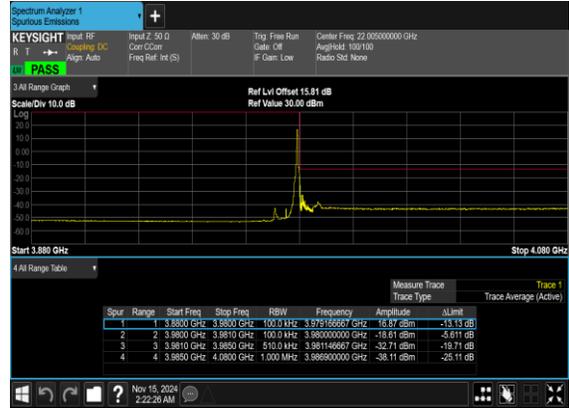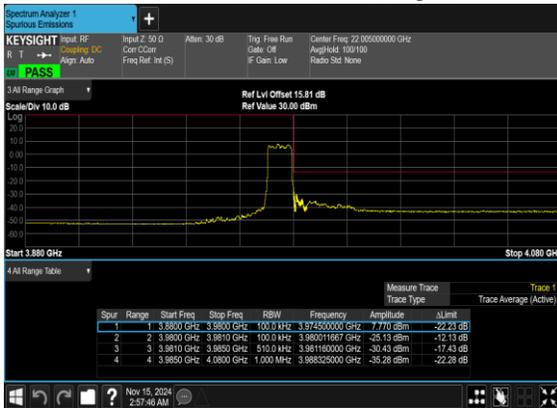

N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH
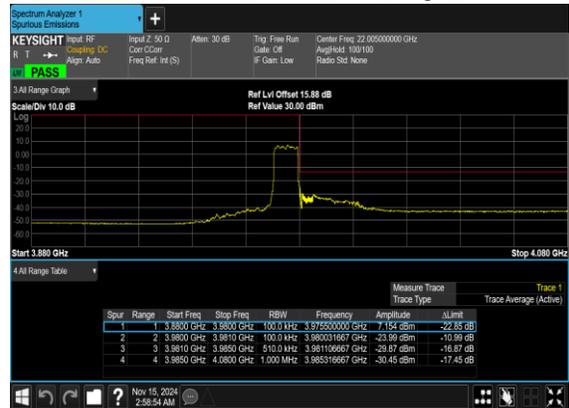
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

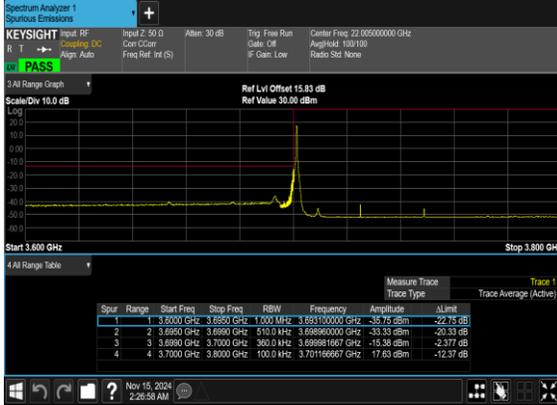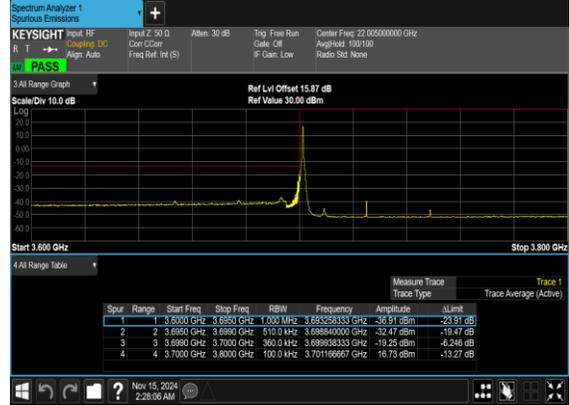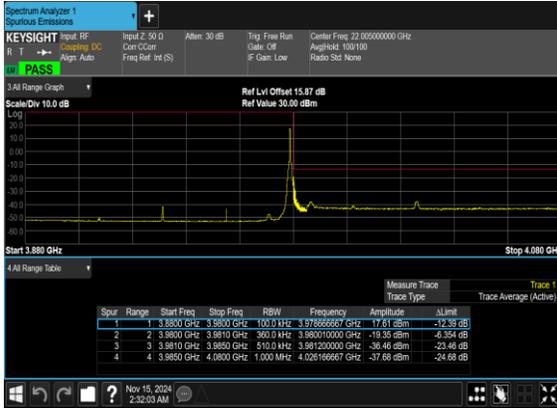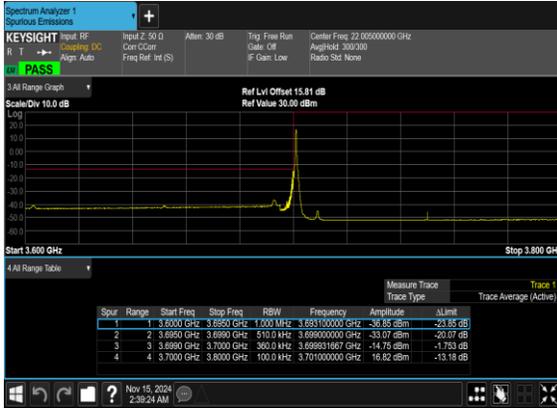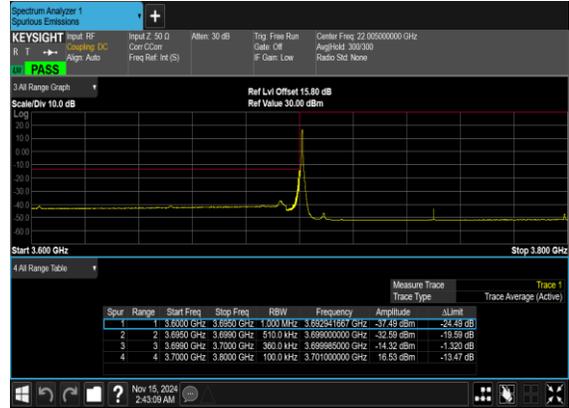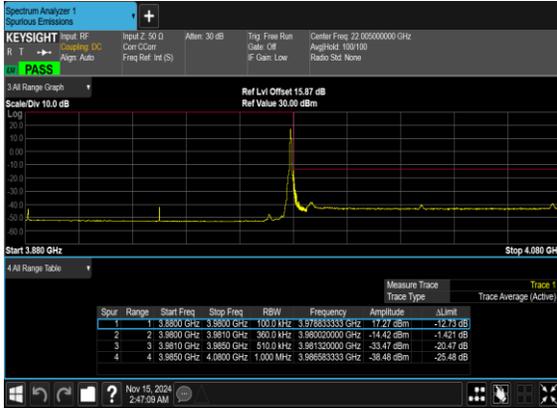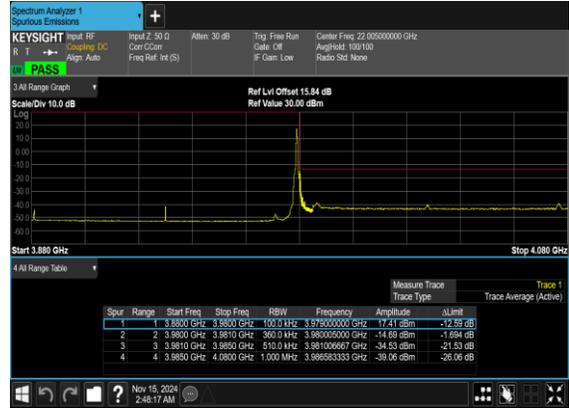N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

Software Version: 23.06.1602

FR1 N78 ANT4 (Other PA)

Transmitter Conducted Output Power And EIRP, $(G_T - L_C)=-1.8dB$

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	26.85	25.05	0.3199
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	25.9	24.1	0.2570
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	27.19	25.39	0.3459
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.22	24.42	0.2767
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	27.21	25.41	0.3475
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	26.23	24.43	0.2773
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	26.94	25.14	0.3266
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	26.04	24.24	0.2655
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	27.17	25.37	0.3443
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.21	24.41	0.2761
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	27.15	25.35	0.3428
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	26.23	24.43	0.2773
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	26.86	25.06	0.3206
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	25.95	24.15	0.2600
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	27.09	25.29	0.3381
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.19	24.39	0.2748
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	27.07	25.27	0.3365
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	26.19	24.39	0.2748
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	26.86	25.06	0.3206
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	25.98	24.18	0.2618
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@1	27.22	25.42	0.3483
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.32	24.52	0.2831
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	27.26	25.46	0.3516
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	26.39	24.59	0.2877
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	27.02	25.22	0.3327
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	26.14	24.34	0.2716
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	27.22	25.42	0.3483
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.18	24.38	0.2742
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	27.23	25.43	0.3491
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	26.36	24.56	0.2858
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	26.98	25.18	0.3296
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	25.98	24.18	0.2618
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	27.16	25.36	0.3436
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.22	24.42	0.2767
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	27.32	25.52	0.3565
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	26.32	24.52	0.2831
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	26.99	25.19	0.3304
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	26.1	24.3	0.2692
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	27.24	25.44	0.3499
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.26	24.46	0.2793

78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	27.35	25.55	0.3589
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	26.42	24.62	0.2897
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	26.71	24.91	0.3097
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	25.9	24.1	0.2570
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	27	25.2	0.3311
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.02	24.22	0.2642
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	27.09	25.29	0.3381
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	26.19	24.39	0.2748
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	27.06	25.26	0.3357
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	26.18	24.38	0.2742
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	27.09	25.29	0.3381
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.18	24.38	0.2742
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	27.19	25.39	0.3459
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	26.34	24.54	0.2844
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	27.07	25.27	0.3365
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	26.07	24.27	0.2673
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	27.08	25.28	0.3373
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.19	24.39	0.2748
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	27.12	25.32	0.3404
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	26.25	24.45	0.2786
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	27.06	25.26	0.3357
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	26.17	24.37	0.2735
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	27.04	25.24	0.3342
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.22	24.42	0.2767
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	27.05	25.25	0.3350
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	26.16	24.36	0.2729
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	27.31	25.51	0.3556
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	27.23	25.43	0.3491
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	27.36	25.56	0.3597
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	27.4	25.6	0.3631
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	27.1	25.3	0.3388
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	27.35	25.55	0.3589
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	26.39	24.59	0.2877
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	26.2	24.4	0.2754
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	26.54	24.74	0.2979
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	24.8	23	0.1995
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	24.76	22.96	0.1977
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	24.89	23.09	0.2037
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	22.85	21.05	0.1274
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	22.54	20.74	0.1186
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	22.75	20.95	0.1245
78	30	100	650000	3750	CP-OFDM QPSK	137@68	25.67	23.87	0.2438
78	30	100	650000	3750	CP-OFDM QPSK	1@1	25.73	23.93	0.2472
78	30	100	650000	3750	CP-OFDM QPSK	1@271	25.96	24.16	0.2606

Software Version: 23.06.1602

FR1 N77 MIMO-ANT10+4

Transmitter Conducted Output Power And EIRP, (G$_T$ - L$_C$)=-1.8dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	ANT10 Power (dBm)	ANT4 Power (dBm)	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
77	30	10	647000	3705	CP-OFDM QPSK	1@1	23.13	22.44	25.81	24.01	0.2518
77	30	10	647000	3705	CP-OFDM 16 QAM	1@1	22.59	22.27	25.44	23.64	0.2312
77	30	10	656000	3840	CP-OFDM QPSK	1@1	23.5	22.45	26.02	24.22	0.2642
77	30	10	656000	3840	CP-OFDM 16 QAM	1@1	22.82	22.25	25.55	23.75	0.2371
77	30	10	665000	3975	CP-OFDM QPSK	1@1	22.51	22.96	25.75	23.95	0.2483
77	30	10	665000	3975	CP-OFDM 16 QAM	1@1	21.98	22.72	25.38	23.58	0.2280
77	30	15	647168	3707.52	CP-OFDM QPSK	1@1	23.02	22.41	25.74	23.94	0.2477
77	30	15	647168	3707.52	CP-OFDM 16 QAM	1@1	22.54	22.24	25.40	23.6	0.2291
77	30	15	656000	3840	CP-OFDM QPSK	1@1	23.38	22.52	25.98	24.18	0.2618
77	30	15	656000	3840	CP-OFDM 16 QAM	1@1	22.78	22.22	25.52	23.72	0.2355
77	30	15	664832	3972.48	CP-OFDM QPSK	1@1	22.44	22.88	25.68	23.88	0.2443
77	30	15	664832	3972.48	CP-OFDM 16 QAM	1@1	21.91	22.67	25.32	23.52	0.2249
77	30	20	647334	3710.01	CP-OFDM QPSK	1@1	22.94	22.26	25.62	23.82	0.2410
77	30	20	647334	3710.01	CP-OFDM 16 QAM	1@1	22.32	22.12	25.23	23.43	0.2203
77	30	20	656000	3840	CP-OFDM QPSK	1@1	23.23	22.44	25.86	24.06	0.2547
77	30	20	656000	3840	CP-OFDM 16 QAM	1@1	22.82	22.2	25.53	23.73	0.2360
77	30	20	664666	3969.99	CP-OFDM QPSK	1@1	22.33	22.82	25.59	23.79	0.2393
77	30	20	664666	3969.99	CP-OFDM 16 QAM	1@1	21.92	22.69	25.33	23.53	0.2254
77	30	25	647500	3712.5	CP-OFDM QPSK	1@1	23.17	22.48	25.85	24.05	0.2541
77	30	25	647500	3712.5	CP-OFDM 16 QAM	1@1	22.54	22.36	25.46	23.66	0.2323
77	30	25	656000	3840	CP-OFDM QPSK	1@1	23.58	22.75	26.20	24.4	0.2754
77	30	25	656000	3840	CP-OFDM 16 QAM	1@1	22.9	22.43	25.68	23.88	0.2443
77	30	25	664500	3967.5	CP-OFDM QPSK	1@1	22.52	22.91	25.73	23.93	0.2472
77	30	25	664500	3967.5	CP-OFDM 16 QAM	1@1	21.9	22.71	25.33	23.53	0.2254
77	30	30	647668	3715.02	CP-OFDM QPSK	1@1	23.25	22.58	25.94	24.14	0.2594
77	30	30	647668	3715.02	CP-OFDM 16 QAM	1@1	22.71	22.34	25.54	23.74	0.2366
77	30	30	656000	3840	CP-OFDM QPSK	1@1	23.6	22.78	26.22	24.42	0.2767
77	30	30	656000	3840	CP-OFDM 16 QAM	1@1	22.89	22.36	25.64	23.84	0.2421
77	30	30	664332	3964.98	CP-OFDM QPSK	1@1	22.41	22.81	25.62	23.82	0.2410
77	30	30	664332	3964.98	CP-OFDM 16 QAM	1@1	21.87	22.68	25.30	23.5	0.2239
77	30	40	648000	3720	CP-OFDM QPSK	1@1	23.2	22.51	25.88	24.08	0.2559
77	30	40	648000	3720	CP-OFDM 16 QAM	1@1	22.54	22.35	25.46	23.66	0.2323
77	30	40	656000	3840	CP-OFDM QPSK	1@1	23.48	22.62	26.08	24.28	0.2679
77	30	40	656000	3840	CP-OFDM 16 QAM	1@1	22.77	22.37	25.58	23.78	0.2388
77	30	40	664000	3960	CP-OFDM QPSK	1@1	22.28	22.9	25.61	23.81	0.2404
77	30	40	664000	3960	CP-OFDM 16 QAM	1@1	21.69	22.5	25.12	23.32	0.2148
77	30	50	648334	3725.01	CP-OFDM QPSK	1@1	23.34	22.58	25.99	24.19	0.2624

77	30	50	648334	3725.01	CP-OFDM 16 QAM	1@1	22.73	22.5	25.63	23.83	0.2415
77	30	50	656000	3840	CP-OFDM QPSK	1@1	23.73	22.84	26.32	24.52	0.2831
77	30	50	656000	3840	CP-OFDM 16 QAM	1@1	23.11	22.61	25.88	24.08	0.2559
77	30	50	663666	3954.99	CP-OFDM QPSK	1@1	22.42	23.01	25.74	23.94	0.2477
77	30	50	663666	3954.99	CP-OFDM 16 QAM	1@1	21.98	22.71	25.37	23.57	0.2275
77	30	60	648668	3730.02	CP-OFDM QPSK	1@1	23.12	22.36	25.77	23.97	0.2495
77	30	60	648668	3730.02	CP-OFDM 16 QAM	1@1	22.41	22.33	25.38	23.58	0.2280
77	30	60	656000	3840	CP-OFDM QPSK	1@1	23.48	22.77	26.15	24.35	0.2723
77	30	60	656000	3840	CP-OFDM 16 QAM	1@1	22.93	22.54	25.75	23.95	0.2483
77	30	60	663332	3949.98	CP-OFDM QPSK	1@1	23.21	22.68	25.96	24.16	0.2606
77	30	60	663332	3949.98	CP-OFDM 16 QAM	1@1	22.63	22.4	25.53	23.73	0.2360
77	30	70	649000	3735	CP-OFDM QPSK	1@1	23.42	22.62	26.05	24.25	0.2661
77	30	70	649000	3735	CP-OFDM 16 QAM	1@1	22.65	22.43	25.55	23.75	0.2371
77	30	70	656000	3840	CP-OFDM QPSK	1@1	23.62	22.96	26.31	24.51	0.2825
77	30	70	656000	3840	CP-OFDM 16 QAM	1@1	22.86	22.56	25.72	23.92	0.2466
77	30	70	663000	3945	CP-OFDM QPSK	1@1	23.56	22.91	26.26	24.46	0.2793
77	30	70	663000	3945	CP-OFDM 16 QAM	1@1	22.86	22.55	25.72	23.92	0.2466
77	30	80	649334	3740.01	CP-OFDM QPSK	1@1	23.36	22.58	26.00	24.2	0.2630
77	30	80	649334	3740.01	CP-OFDM 16 QAM	1@1	22.68	22.29	25.50	23.7	0.2344
77	30	80	656000	3840	CP-OFDM QPSK	1@1	23.63	23.02	26.35	24.55	0.2851
77	30	80	656000	3840	CP-OFDM 16 QAM	1@1	22.87	22.53	25.71	23.91	0.2460
77	30	80	662666	3939.99	CP-OFDM QPSK	1@1	23.68	22.74	26.25	24.45	0.2786
77	30	80	662666	3939.99	CP-OFDM 16 QAM	1@1	22.93	22.48	25.72	23.92	0.2466
77	30	90	649668	3745.02	CP-OFDM QPSK	1@1	23.45	22.67	26.09	24.29	0.2685
77	30	90	649668	3745.02	CP-OFDM 16 QAM	1@1	22.83	22.53	25.69	23.89	0.2449
77	30	90	656000	3840	CP-OFDM QPSK	1@1	23.79	23.1	26.47	24.67	0.2931
77	30	90	656000	3840	CP-OFDM 16 QAM	1@1	22.96	22.85	25.92	24.12	0.2582
77	30	90	662332	3934.98	CP-OFDM QPSK	1@1	23.71	22.64	26.22	24.42	0.2767
77	30	90	662332	3934.98	CP-OFDM 16 QAM	1@1	23.1	22.49	25.82	24.02	0.2523
77	30	100	650000	3750	CP-OFDM QPSK	137@68	23	22.81	25.92	24.12	0.2582
77	30	100	650000	3750	CP-OFDM QPSK	1@1	23.49	22.72	26.13	24.33	0.2710
77	30	100	650000	3750	CP-OFDM QPSK	1@271	23.6	23.18	26.41	24.61	0.2891
77	30	100	650000	3750	CP-OFDM 16 QAM	137@68	22.6	22.3	25.46	23.66	0.2323
77	30	100	650000	3750	CP-OFDM 16 QAM	1@1	22.77	22.41	25.60	23.8	0.2399
77	30	100	650000	3750	CP-OFDM 16 QAM	1@271	22.75	22.95	25.86	24.06	0.2547
77	30	100	650000	3750	CP-OFDM 64 QAM	137@68	21.06	20.87	23.98	22.18	0.1652
77	30	100	650000	3750	CP-OFDM 64 QAM	1@1	20.98	20.58	23.79	21.99	0.1581
77	30	100	650000	3750	CP-OFDM 64 QAM	1@271	21.03	21.09	24.07	22.27	0.1687
77	30	100	650000	3750	CP-OFDM 256 QAM	137@68	18.11	17.81	20.97	19.17	0.0826
77	30	100	650000	3750	CP-OFDM 256 QAM	1@1	18.32	17.63	21.00	19.2	0.0832
77	30	100	650000	3750	CP-OFDM 256 QAM	1@271	18.35	18.18	21.28	19.48	0.0887
77	30	100	656000	3840	CP-OFDM QPSK	137@68	23.28	22.38	25.86	24.06	0.2547
77	30	100	656000	3840	CP-OFDM QPSK	1@1	23.77	23.2	26.50	24.7	0.2951
77	30	100	656000	3840	CP-OFDM QPSK	1@271	23.58	22.5	26.08	24.28	0.2679
77	30	100	656000	3840	CP-OFDM 16 QAM	137@68	22.95	22.14	25.57	23.77	0.2382

77	30	100	656000	3840	CP-OFDM 16 QAM	1@1	23.03	22.8	25.93	24.13	0.2588
77	30	100	656000	3840	CP-OFDM 16 QAM	1@271	22.76	22.28	25.54	23.74	0.2366
77	30	100	656000	3840	CP-OFDM 64 QAM	137@68	21.44	20.38	23.95	22.15	0.1641
77	30	100	656000	3840	CP-OFDM 64 QAM	1@1	21.36	20.9	24.15	22.35	0.1718
77	30	100	656000	3840	CP-OFDM 64 QAM	1@271	21.04	20.27	23.68	21.88	0.1542
77	30	100	656000	3840	CP-OFDM 256 QAM	137@68	18.47	17.48	21.01	19.21	0.0834
77	30	100	656000	3840	CP-OFDM 256 QAM	1@1	18.6	18	21.32	19.52	0.0895
77	30	100	656000	3840	CP-OFDM 256 QAM	1@271	18.28	17.43	20.89	19.09	0.0811
77	30	100	662000	3930	CP-OFDM QPSK	137@68	23.02	22.52	25.79	23.99	0.2506
77	30	100	662000	3930	CP-OFDM QPSK	1@1	24	22.83	26.46	24.66	0.2924
77	30	100	662000	3930	CP-OFDM QPSK	1@271	23.56	23.09	26.34	24.54	0.2844
77	30	100	662000	3930	CP-OFDM 16 QAM	137@68	22.76	22.15	25.48	23.68	0.2333
77	30	100	662000	3930	CP-OFDM 16 QAM	1@1	23.15	22.37	25.79	23.99	0.2506
77	30	100	662000	3930	CP-OFDM 16 QAM	1@271	22.77	22.72	25.76	23.96	0.2489
77	30	100	662000	3930	CP-OFDM 64 QAM	137@68	21.24	20.63	23.96	22.16	0.1644
77	30	100	662000	3930	CP-OFDM 64 QAM	1@1	21.59	20.53	24.10	22.3	0.1698
77	30	100	662000	3930	CP-OFDM 64 QAM	1@271	21.16	20.87	24.03	22.23	0.1671
77	30	100	662000	3930	CP-OFDM 256 QAM	137@68	18.24	17.71	20.99	19.19	0.0830
77	30	100	662000	3930	CP-OFDM 256 QAM	1@1	18.75	17.74	21.28	19.48	0.0887
77	30	100	662000	3930	CP-OFDM 256 QAM	1@271	18.43	18.03	21.24	19.44	0.0879

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Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	12.4	**PASS**	NV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	14.7	**PASS**	LV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	11.7	**PASS**	HV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	11.4	**PASS**	-30℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	12	**PASS**	-20℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.6	**PASS**	-10℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	16.5	**PASS**	0℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	13.4	**PASS**	10℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	11.7	**PASS**	20℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	11.1	**PASS**	30℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	14.9	**PASS**	40℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	12.2	**PASS**	50℃

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	CP-OFDM QPSK	51@0	6.57	13	**PASS**

N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

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	8.5987	10.14
77	30	10	656000	3840.0	CP-OFDM 16 QAM	24@0	8.5664	9.541
77	30	10	656000	3840.0	CP-OFDM 64 QAM	24@0	8.585	9.704
77	30	10	656000	3840.0	CP-OFDM 256 QAM	24@0	8.5746	9.238
77	30	15	656000	3840.0	CP-OFDM QPSK	38@0	13.577	14.95
77	30	15	656000	3840.0	CP-OFDM 16 QAM	38@0	13.547	14.61
77	30	15	656000	3840.0	CP-OFDM 64 QAM	38@0	13.608	14.51
77	30	15	656000	3840.0	CP-OFDM 256 QAM	38@0	13.521	14.63
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.189	19.26
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	18.216	19.53
77	30	20	656000	3840.0	CP-OFDM 64 QAM	51@0	18.215	19.3
77	30	20	656000	3840.0	CP-OFDM 256 QAM	51@0	18.275	19.27
77	30	25	656000	3840.0	CP-OFDM QPSK	65@0	23.211	24.77
77	30	25	656000	3840.0	CP-OFDM 16 QAM	65@0	23.233	24.24
77	30	25	656000	3840.0	CP-OFDM 64 QAM	65@0	23.186	24.53
77	30	25	656000	3840.0	CP-OFDM 256 QAM	65@0	23.287	24.6
77	30	30	656000	3840.0	CP-OFDM QPSK	78@0	27.881	29.19
77	30	30	656000	3840.0	CP-OFDM 16 QAM	78@0	27.949	29.3
77	30	30	656000	3840.0	CP-OFDM 64 QAM	78@0	27.904	29.06
77	30	30	656000	3840.0	CP-OFDM 256 QAM	78@0	27.806	29.13
77	30	40	656000	3840.0	CP-OFDM QPSK	106@0	37.846	39.39
77	30	40	656000	3840.0	CP-OFDM 16 QAM	106@0	37.872	39.75

77	30	40	656000	3840.0	CP-OFDM 64 QAM	106@0	37.834	39.59
77	30	40	656000	3840.0	CP-OFDM 256 QAM	106@0	37.83	39.63
77	30	50	656000	3840.0	CP-OFDM QPSK	133@0	47.4	49.08
77	30	50	656000	3840.0	CP-OFDM 16 QAM	133@0	47.425	49.45
77	30	50	656000	3840.0	CP-OFDM 64 QAM	133@0	47.454	49.09
77	30	50	656000	3840.0	CP-OFDM 256 QAM	133@0	47.541	49.06
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.887	59.81
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.864	59.74
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.678	59.68
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.705	59.95
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.38	69.66
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.475	69.71
77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.534	69.7
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.543	69.73
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.455	79.95
77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.377	79.94
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.529	79.89
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.369	80.15
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.389	90.32
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.497	90.26
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.546	90.37
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.547	90.22
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.522	100.5
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.746	100.7
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.512	100.5

| 77 | 30 | 100 | 656000 | 3840.0 | CP-OFDM 256 QAM | 273@0 | 97.577 | 100.6 |

N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N77(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N77(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH
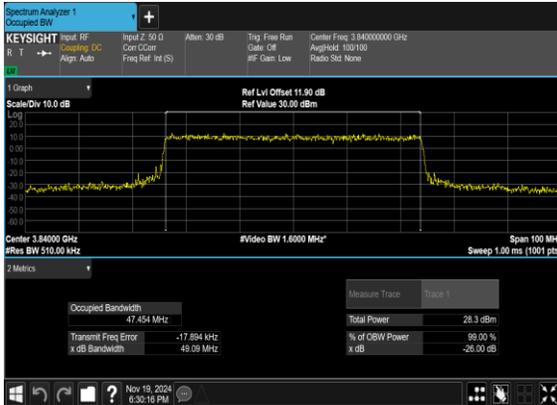

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N77(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH
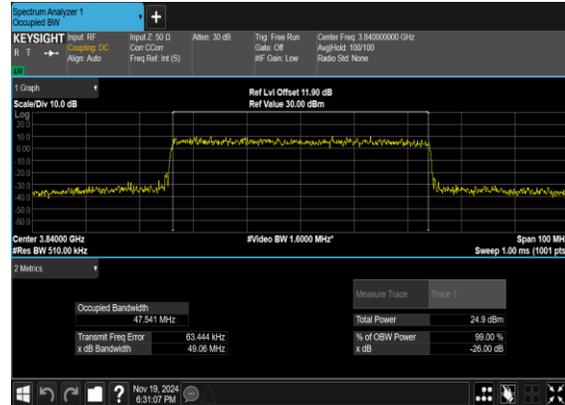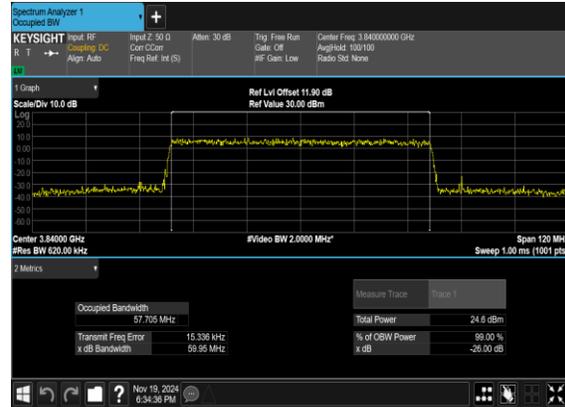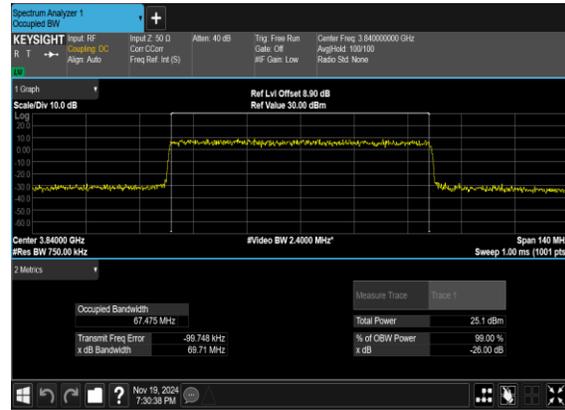

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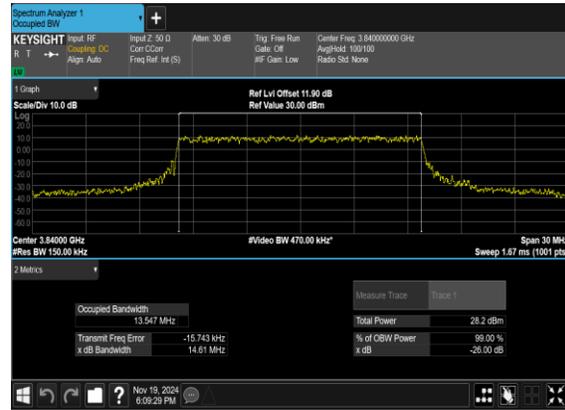
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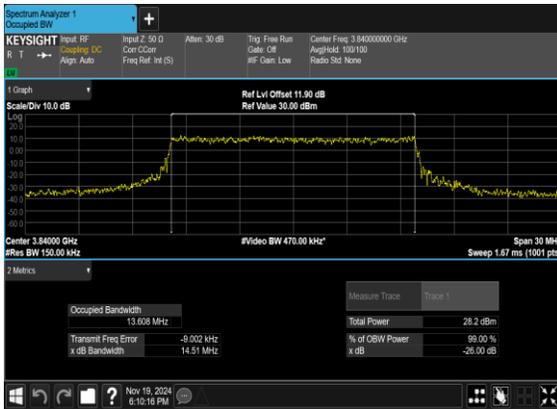
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N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N77(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH
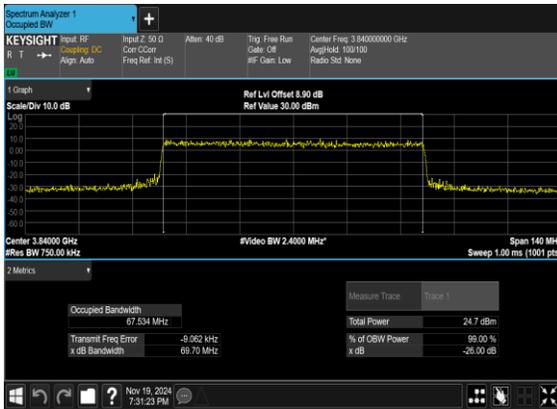
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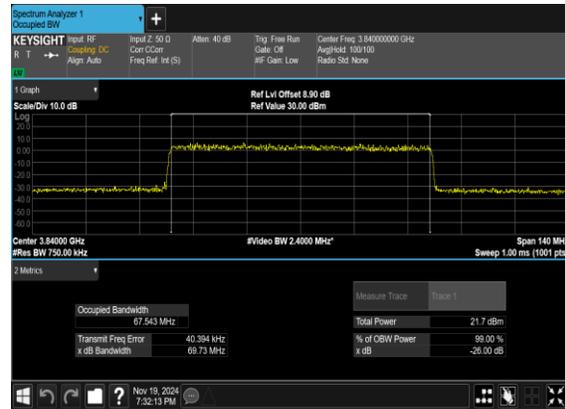

N77(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

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

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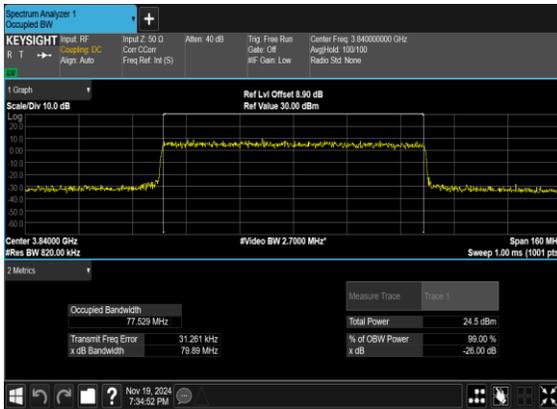

N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH
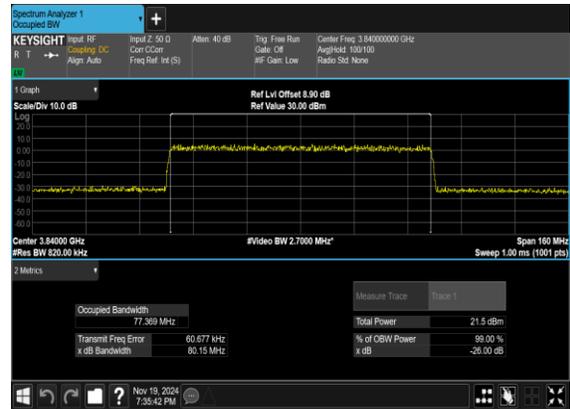

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N77(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N77(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

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

N77(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

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
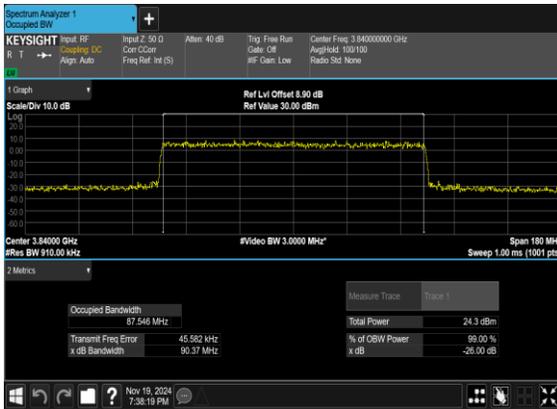

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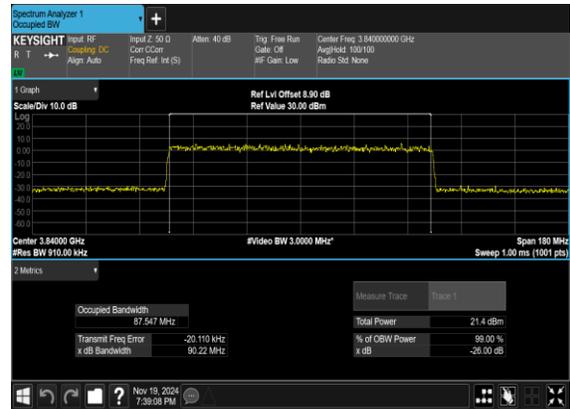
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N77(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

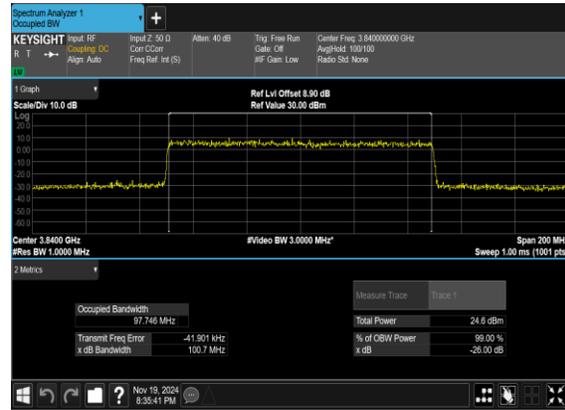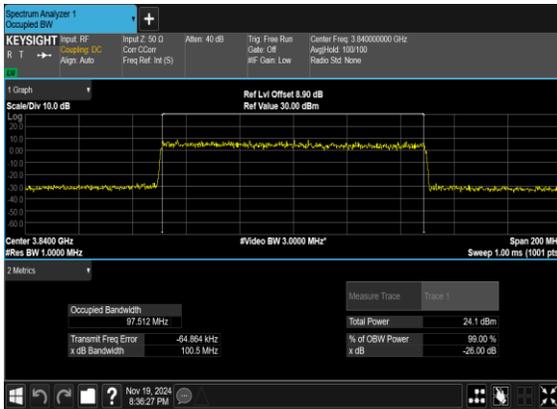

N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH
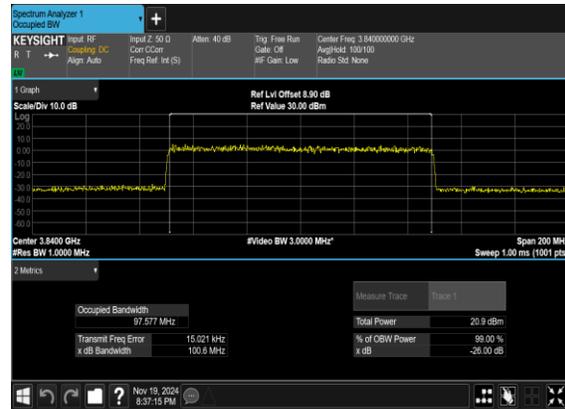
N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

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	10	647000	3705.0	CP-OFDM QPSK	1@0	see graph	**---**
77	30	10	647000	3705.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	647000	3705.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	656000	3840.0	CP-OFDM QPSK	1@0	see graph	**---**
77	30	10	656000	3840.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	656000	3840.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	665000	3975.0	CP-OFDM QPSK	1@0	see graph	**---**
77	30	10	665000	3975.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	665000	3975.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	**---**
77	30	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	656000	3840.0	CP-OFDM QPSK	1@0	see graph	**---**
77	30	50	656000	3840.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	656000	3840.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	663666	3954.99	CP-OFDM QPSK	1@0	see graph	**---**
77	30	50	663666	3954.99	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	663666	3954.99	CP-OFDM QPSK	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	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	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**

N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH

N77(10M)_CP-OFDM_QPSK_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_QPSK_Edge_1RB_Left_High_C
H

N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_C
H

N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_C
H

N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_C
H

N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH

N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH

N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH

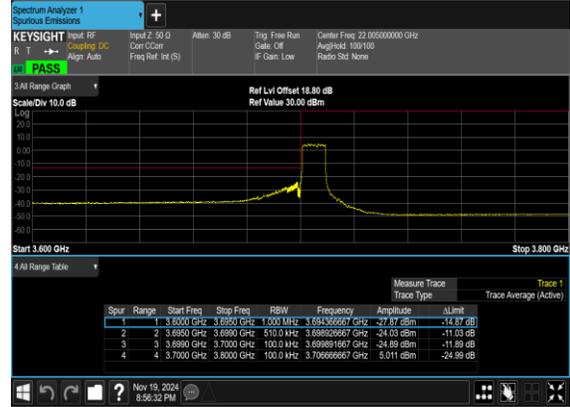N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH

Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	647000	3705.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	647000	3705.0	CP-OFDM QPSK	24@0	see graph	**PASS**
77	30	10	665000	3975.0	CP-OFDM QPSK	1@23	see graph	**PASS**
77	30	10	665000	3975.0	CP-OFDM QPSK	24@0	see graph	**PASS**
77	30	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	648334	3725.01	CP-OFDM QPSK	133@0	see graph	**PASS**
77	30	50	663666	3954.99	CP-OFDM QPSK	1@132	see graph	**PASS**
77	30	50	663666	3954.99	CP-OFDM QPSK	133@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 QPSK	273@0	see graph	**PASS**
77	30	100	662000	3930.0	CP-OFDM QPSK	1@272	see graph	**PASS**
77	30	100	662000	3930.0	CP-OFDM QPSK	273@0	see graph	**PASS**

N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH

N77(10M)_CP-OFDM_QPSK_Outer_Full_Low_CH

N77(10M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH

N77(10M)_CP-OFDM_QPSK_Outer_Full_High_CH