



Conducted Band Edge

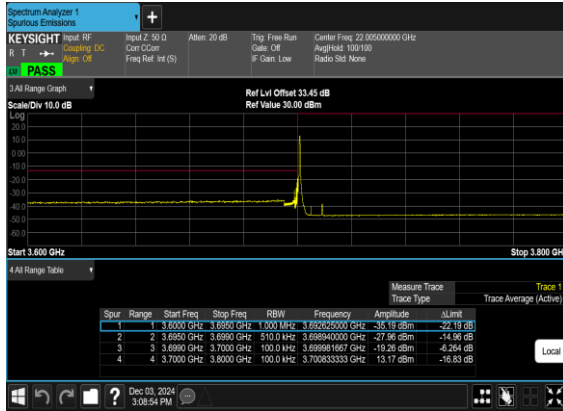
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	24@0	see 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



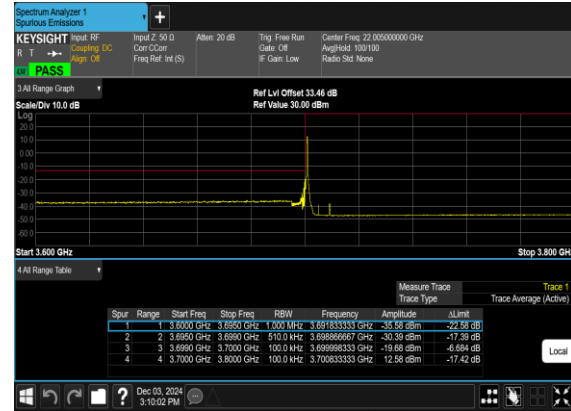
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	270@0	see graph	PASS



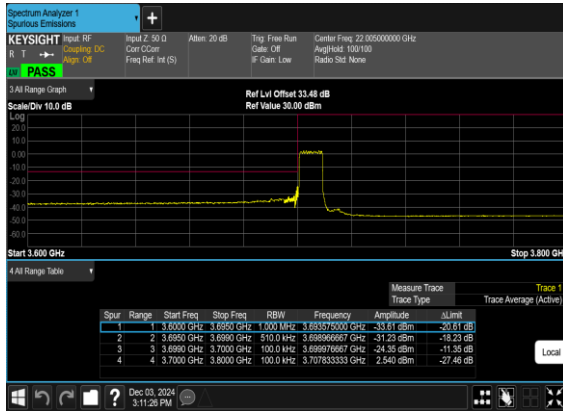
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



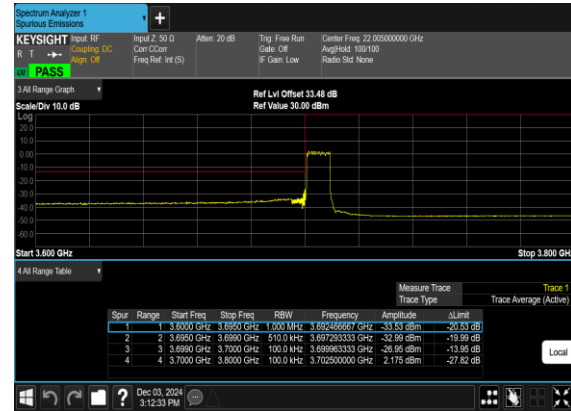
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

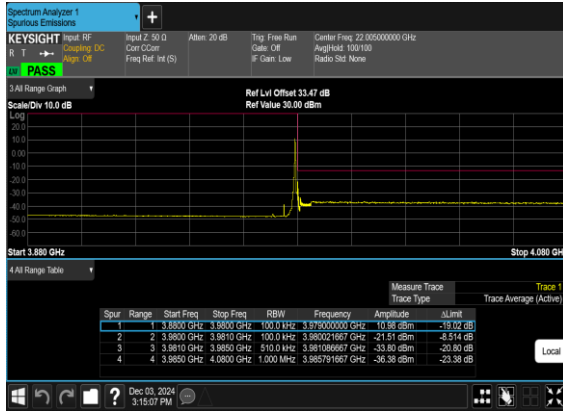


N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

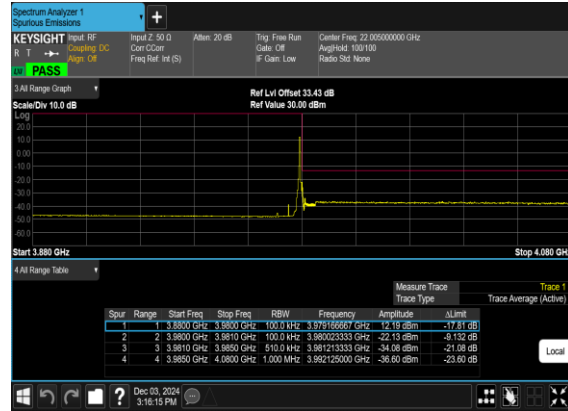




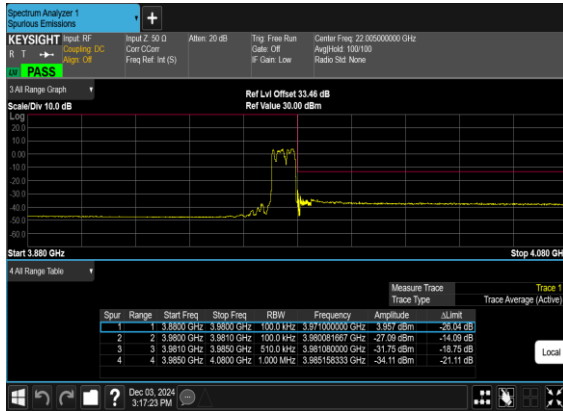
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



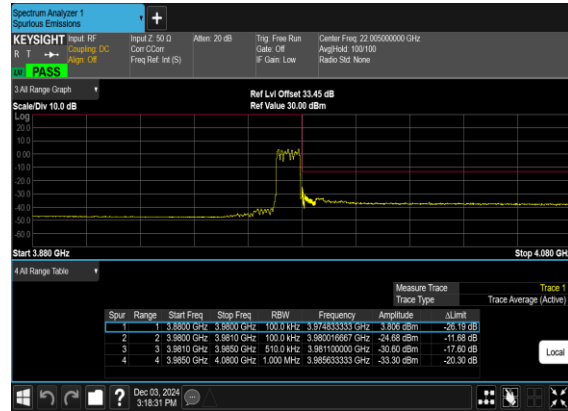
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

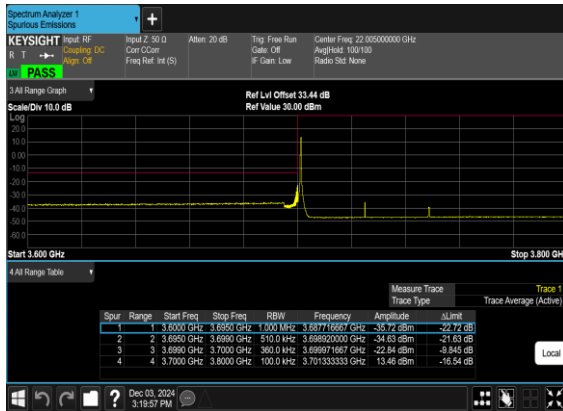


N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

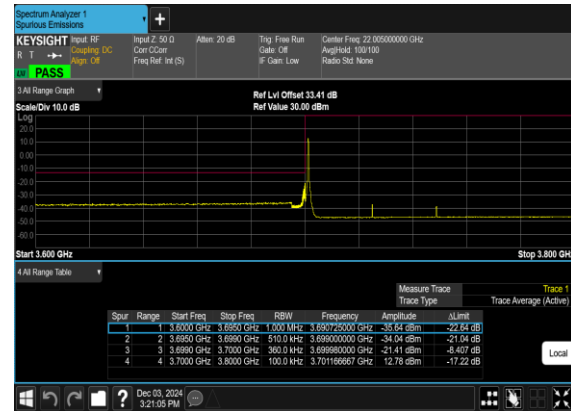




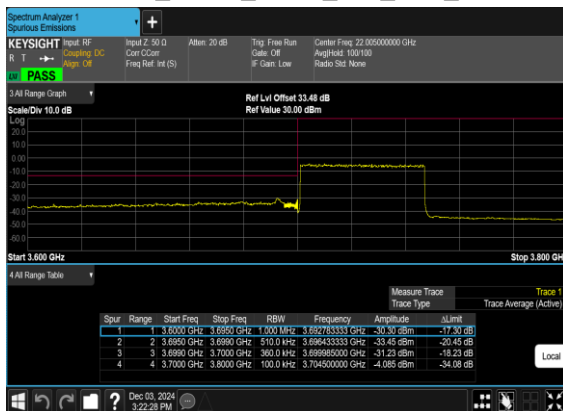
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



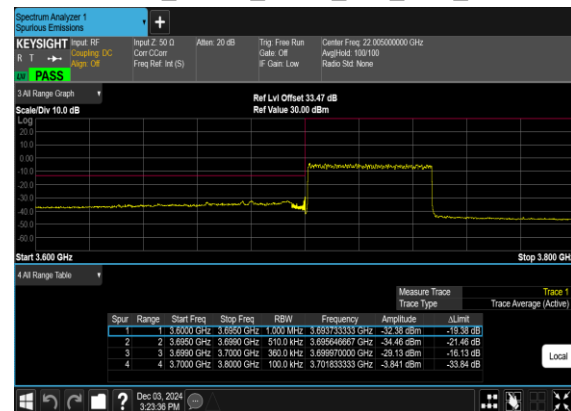
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

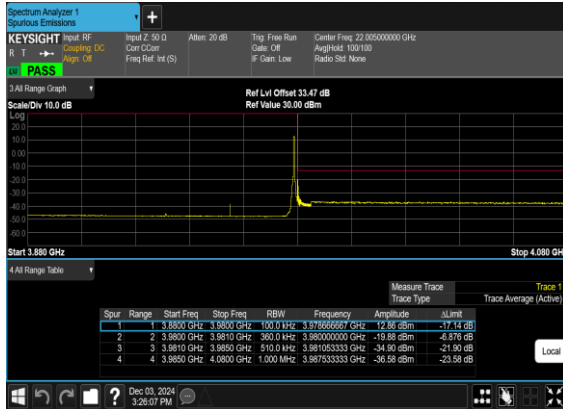


N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

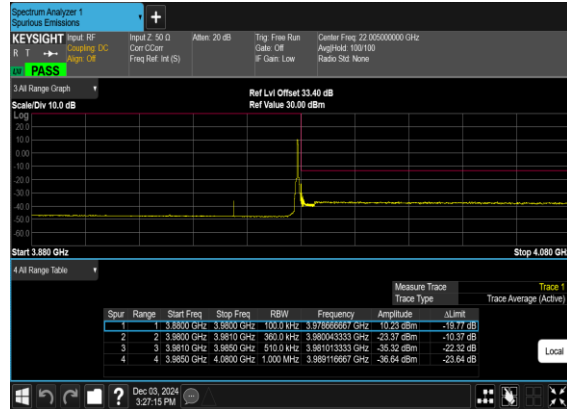




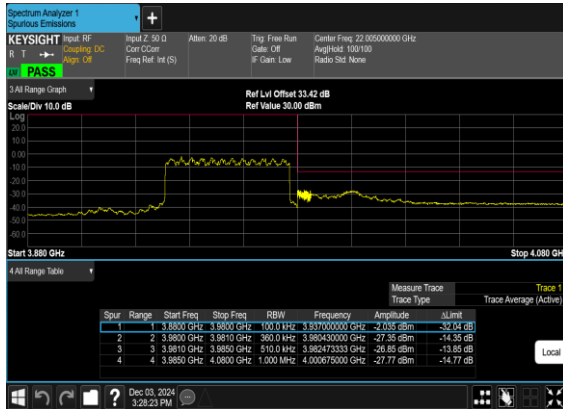
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



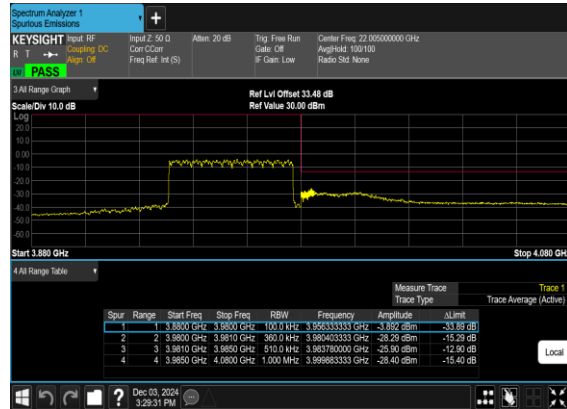
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

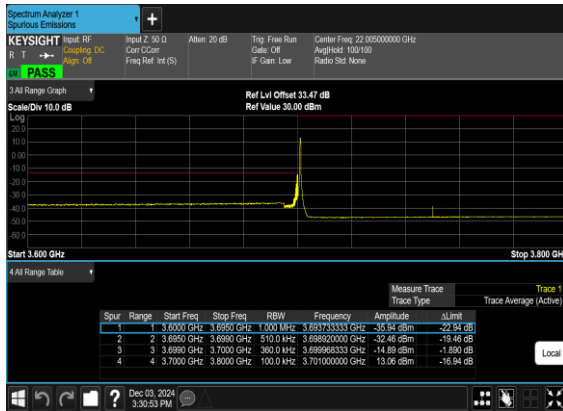


N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

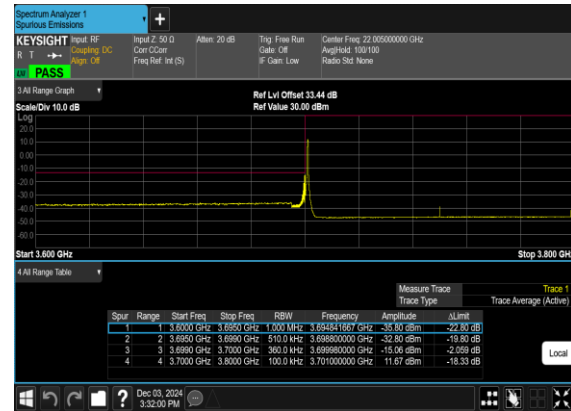




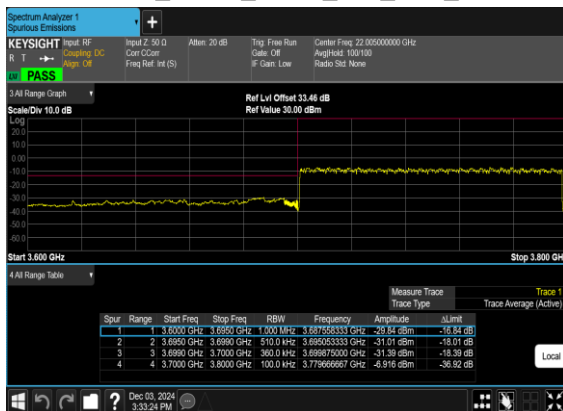
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



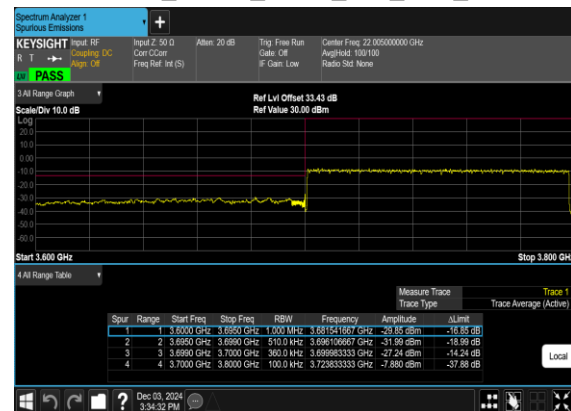
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

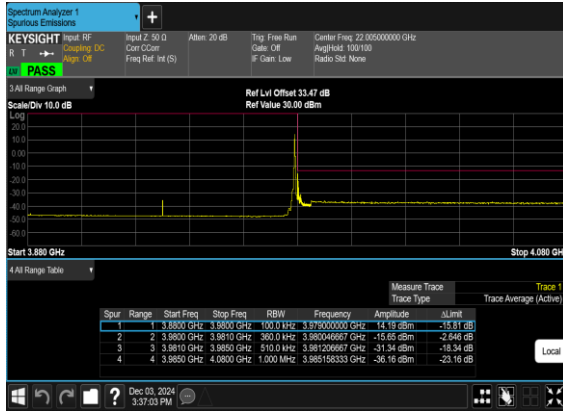


N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

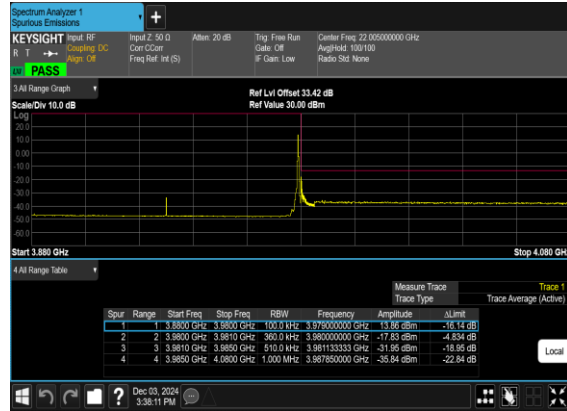




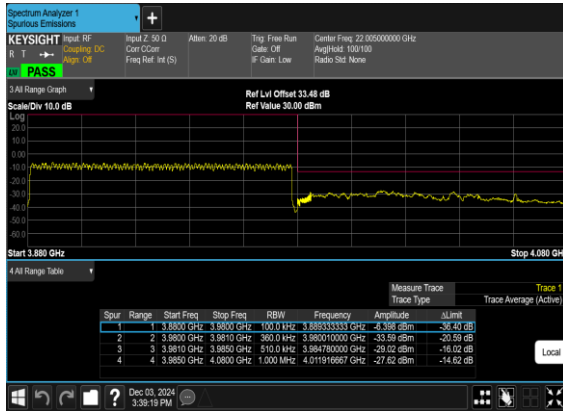
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



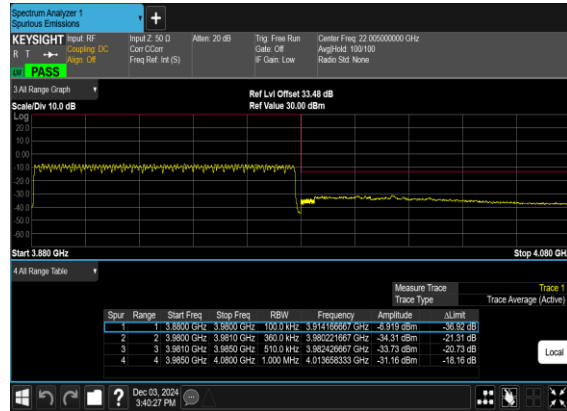
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



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(Ant8)

Transmitter Conducted Output Power and EIRP, (GT - LC)= -0.3dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP(W)
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@1	24.47	24.17	0.2612
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	24.34	24.04	0.2535
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	22.38	22.08	0.1614
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	24.54	24.24	0.2655
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	24.5	24.2	0.2630
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.96	22.66	0.1845
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@1	24.52	24.22	0.2642
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	24.4	24.1	0.2570
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	22.37	22.07	0.1611
78	30	15	647168	3707.52	DFT-s-OFDM PI/2 BPSK	1@1	24.55	24.25	0.2661
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	24.47	24.17	0.2612
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	22.4	22.1	0.1622
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.07	24.77	0.2999
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	25.05	24.75	0.2985
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.68	23.38	0.2178
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	1@1	24.54	24.24	0.2655
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	24.51	24.21	0.2636
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	22.42	22.12	0.1629
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	24.41	24.11	0.2576
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	24.26	23.96	0.2489
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	22.42	22.12	0.1629
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.8	25.5	0.3548
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	25.73	25.43	0.3491
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.81	24.51	0.2825
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	24.54	24.24	0.2655
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	24.44	24.14	0.2594
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	22.43	22.13	0.1633
78	30	25	647500	3712.5	DFT-s-OFDM PI/2 BPSK	1@1	24.51	24.21	0.2636
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	24.46	24.16	0.2606
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	22.51	22.21	0.1663
78	30	25	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.08	24.78	0.3006
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@1	25.02	24.72	0.2965
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.08	23.78	0.2388
78	30	25	652500	3787.5	DFT-s-OFDM PI/2 BPSK	1@1	24.67	24.37	0.2735
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	24.59	24.29	0.2685



78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	22.65	22.35	0.1718
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	24.55	24.25	0.2661
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	24.49	24.19	0.2624
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	22.41	22.11	0.1626
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.14	24.84	0.3048
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	25.09	24.79	0.3013
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.11	23.81	0.2404
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@1	24.62	24.32	0.2704
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	24.47	24.17	0.2612
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	22.39	22.09	0.1618
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	24.42	24.12	0.2582
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	24.46	24.16	0.2606
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	22.45	22.15	0.1641
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	24.91	24.61	0.2891
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	24.97	24.67	0.2931
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.92	23.62	0.2301
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	23.55	23.25	0.2113
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	23.68	23.38	0.2178
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	21.66	21.36	0.1368
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	24.51	24.21	0.2636
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	24.64	24.34	0.2716
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	22.64	22.34	0.1714
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	24.87	24.57	0.2864
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	24.99	24.69	0.2944
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.95	23.65	0.2317
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	23.56	23.26	0.2118
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	23.56	23.26	0.2118
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	21.56	21.26	0.1337
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	24.37	24.07	0.2553
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	24.43	24.13	0.2588
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	22.27	21.97	0.1574
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	24.79	24.49	0.2812
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	24.85	24.55	0.2851
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.78	23.48	0.2228
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	24.4	24.1	0.2570
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	24.42	24.12	0.2582
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	22.39	22.09	0.1618
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	24.47	24.17	0.2612
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	24.43	24.13	0.2588
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	22.41	22.11	0.1626
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	24.91	24.61	0.2891
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	24.91	24.61	0.2891



78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.82	23.52	0.2249
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	25.87	25.57	0.3606
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	25.75	25.45	0.3508
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	23.75	23.45	0.2213
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	24.47	24.17	0.2612
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	24.54	24.24	0.2655
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	22.55	22.25	0.1679
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	24.81	24.51	0.2825
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	24.93	24.63	0.2904
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.91	24.61	0.2891
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	24.93	24.63	0.2904
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	25.03	24.73	0.2972
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	25.01	24.71	0.2958
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	25.73	25.43	0.3491
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	25.72	25.42	0.3483
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	23.69	23.39	0.2183
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.87	25.57	0.3606
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	25.86	25.56	0.3597
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.9	24.6	0.2884
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	26.41	26.11	0.4083
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	26.33	26.03	0.4009
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	24.93	24.63	0.2904
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	26.55	26.25	0.4217
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.39	26.09	0.4064
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	26.27	25.97	0.3954
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	26.5	26.2	0.4169
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	26.5	26.2	0.4169
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	26.29	25.99	0.3972
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	24.66	24.36	0.2729
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.91	24.61	0.2891
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	24.95	24.65	0.2917
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	23	22.7	0.1862
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.26	22.96	0.1977
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	23.47	23.17	0.2075
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.09	20.79	0.1199
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.34	21.04	0.1271
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	21.47	21.17	0.1309
78	30	100	650000	3750	CP-OFDM QPSK	137@68	24.12	23.82	0.2410
78	30	100	650000	3750	CP-OFDM QPSK	1@1	24.44	24.14	0.2594
78	30	100	650000	3750	CP-OFDM QPSK	1@271	24.55	24.25	0.2661



Software Version: 23.06.1602

ULMIMO N77 (Ant8+Ant4)

Transmitter Conducted Output Power and EIRP, (G_T - L_c)= 0dB

NR	Band	SCS	Band Width	Arfcn	Freq(MHz)	Modulation	RB	ANT8 Power(dBm)	ANT4 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
77	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@1	25.86	26.01	28.95	28.95	0.7845	
77	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	25.79	26	28.91	28.91	0.7774	
77	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	24.97	25.1	28.05	28.05	0.6376	
77	30	10	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	25.61	26.35	29.01	29.01	0.7954	
77	30	10	656000	3840	DFT-s-OFDM QPSK	1@1	25.63	26.25	28.96	28.96	0.7873	
77	30	10	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.86	25.59	28.25	28.25	0.6684	
77	30	10	665000	3975	DFT-s-OFDM PI/2 BPSK	1@1	25.72	25.96	28.85	28.85	0.7677	
77	30	10	665000	3975	DFT-s-OFDM QPSK	1@1	25.77	25.99	28.89	28.89	0.7748	
77	30	10	665000	3975	DFT-s-OFDM 16 QAM	1@1	24.92	25.32	28.13	28.13	0.6509	
77	30	15	647168	3707.52	DFT-s-OFDM PI/2 BPSK	1@1	25.54	25.65	28.61	28.61	0.7254	
77	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	25.6	25.7	28.66	28.66	0.7346	
77	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	25.04	24.97	28.02	28.02	0.6332	
77	30	15	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	25.54	26.34	28.97	28.97	0.7886	
77	30	15	656000	3840	DFT-s-OFDM QPSK	1@1	25.62	26.27	28.97	28.97	0.7884	
77	30	15	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.9	25.64	28.30	28.30	0.6755	
77	30	15	664832	3972.48	DFT-s-OFDM PI/2 BPSK	1@1	25.88	26.24	29.07	29.07	0.8080	
77	30	15	664832	3972.48	DFT-s-OFDM QPSK	1@1	25.71	26.19	28.97	28.97	0.7883	
77	30	15	664832	3972.48	DFT-s-OFDM 16 QAM	1@1	25.07	25.4	28.25	28.25	0.6681	
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	25.46	25.46	28.47	28.47	0.7031	
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.51	25.6	28.57	28.57	0.7187	
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	19.67	24.88	26.02	26.02	0.4003	
77	30	20	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	25.51	26.22	28.89	28.89	0.7744	
77	30	20	656000	3840	DFT-s-OFDM QPSK	1@1	25.54	26.21	28.90	28.90	0.7759	
77	30	20	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.75	25.5	28.15	28.15	0.6534	
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@1	25.67	26.13	28.92	28.92	0.7792	
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@1	25.62	26.28	28.97	28.97	0.7894	
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@1	25.12	25.51	28.33	28.33	0.6807	
77	30	25	647500	3712.5	DFT-s-OFDM PI/2 BPSK	1@1	25.65	25.7	28.69	28.69	0.7388	
77	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	25.71	25.83	28.78	28.78	0.7552	
77	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	25.02	25.1	28.07	28.07	0.6413	
77	30	25	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	25.89	26.31	29.12	29.12	0.8157	
77	30	25	656000	3840	DFT-s-OFDM QPSK	1@1	25.71	26.25	29.00	29.00	0.7941	
77	30	25	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.03	25.65	28.36	28.36	0.6857	
77	30	25	664500	3967.5	DFT-s-OFDM PI/2 BPSK	1@1	25.93	26.22	29.09	29.09	0.8105	
77	30	25	664500	3967.5	DFT-s-OFDM QPSK	1@1	25.76	26.2	29.00	29.00	0.7936	



77	30	25	664500	3967.5	DFT-s-OFDM 16 QAM	1@1	25.12	25.65	28.40	28.40	0.6924
77	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	25.73	25.8	28.78	28.78	0.7543
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	25.66	25.83	28.76	28.76	0.7510
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	25.1	25.15	28.14	28.14	0.6509
77	30	30	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	25.79	26.35	29.09	29.09	0.8108
77	30	30	656000	3840	DFT-s-OFDM QPSK	1@1	25.8	26.28	29.06	29.06	0.8048
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.17	25.61	28.41	28.41	0.6928
77	30	30	664332	3964.98	DFT-s-OFDM PI/2 BPSK	1@1	25.81	26.25	29.05	29.05	0.8028
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	1@1	25.69	26.28	29.01	29.01	0.7953
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@1	24.83	25.38	28.12	28.12	0.6492
77	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	25.66	25.77	28.73	28.73	0.7457
77	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	25.69	25.86	28.79	28.79	0.7562
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	17.85	25.02	25.78	25.78	0.3786
77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	25.58	26.02	28.82	28.82	0.7614
77	30	40	656000	3840	DFT-s-OFDM QPSK	1@1	25.69	26.03	28.87	28.87	0.7715
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	1@1	24.83	25.08	27.97	27.97	0.6262
77	30	40	664000	3960	DFT-s-OFDM PI/2 BPSK	1@1	25.71	26.09	28.91	28.91	0.7788
77	30	40	664000	3960	DFT-s-OFDM QPSK	1@1	25.73	26.28	29.02	29.02	0.7987
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	1@1	24.81	25.54	28.20	28.20	0.6608
77	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	25.78	25.78	28.79	28.79	0.7569
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	25.81	25.91	28.87	28.87	0.7710
77	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	25.09	25.14	28.13	28.13	0.6494
77	30	50	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	25.83	25.96	28.91	28.91	0.7773
77	30	50	656000	3840	DFT-s-OFDM QPSK	1@1	25.92	26.06	29.00	29.00	0.7945
77	30	50	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.23	25.32	28.29	28.29	0.6738
77	30	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	1@1	25.74	26.28	29.03	29.03	0.7996
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@1	25.8	26.41	29.13	29.13	0.8177
77	30	50	663666	3954.99	DFT-s-OFDM 16 QAM	1@1	25.08	25.61	28.36	28.36	0.6860
77	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	25.57	25.55	28.57	28.57	0.7195
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	25.59	25.68	28.65	28.65	0.7321
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	24.85	24.98	27.93	27.93	0.6203
77	30	60	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	25.65	25.72	28.70	28.70	0.7405
77	30	60	656000	3840	DFT-s-OFDM QPSK	1@1	25.69	25.95	28.83	28.83	0.7642
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.03	25.06	28.06	28.06	0.6390
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	1@1	25.38	26.1	28.77	28.77	0.7525
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@1	25.34	26.04	28.71	28.71	0.7438
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	1@1	24.65	25.39	28.05	28.05	0.6377
77	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	25.64	25.76	28.71	28.71	0.7431
77	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	25.68	25.77	28.74	28.74	0.7474
77	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	24.97	25.09	28.04	28.04	0.6369
77	30	70	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	25.77	25.81	28.80	28.80	0.7586



77	30	70	656000	3840	DFT-s-OFDM QPSK	1@1	25.65	25.8	28.74	28.74	0.7475
77	30	70	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.09	25.13	28.12	28.12	0.6487
77	30	70	663000	3945	DFT-s-OFDM PI/2 BPSK	1@1	25.5	25.91	28.72	28.72	0.7448
77	30	70	663000	3945	DFT-s-OFDM QPSK	1@1	25.46	25.88	28.69	28.69	0.7388
77	30	70	663000	3945	DFT-s-OFDM 16 QAM	1@1	24.77	25.29	28.05	28.05	0.6380
77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	25.68	25.68	28.69	28.69	0.7397
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	25.75	25.82	28.80	28.80	0.7578
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	25.03	25.06	28.06	28.06	0.6390
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	25.79	25.82	28.82	28.82	0.7613
77	30	80	656000	3840	DFT-s-OFDM QPSK	1@1	25.8	25.91	28.87	28.87	0.7701
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.01	24.9	27.97	27.97	0.6260
77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	1@1	25.4	25.83	28.63	28.63	0.7296
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@1	25.55	25.96	28.77	28.77	0.7534
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	1@1	24.66	25.2	27.95	27.95	0.6235
77	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	26.85	25.76	29.35	29.35	0.8609
77	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	26.97	25.97	29.51	29.51	0.8931
77	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	26.25	25.08	28.71	28.71	0.7438
77	30	90	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	25.83	25.83	28.84	28.84	0.7656
77	30	90	656000	3840	DFT-s-OFDM QPSK	1@1	25.91	26.03	28.98	28.98	0.7908
77	30	90	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.11	25.13	28.13	28.13	0.6502
77	30	90	662332	3934.98	DFT-s-OFDM PI/2 BPSK	1@1	25.56	26.08	28.84	28.84	0.7653
77	30	90	662332	3934.98	DFT-s-OFDM QPSK	1@1	25.66	26.23	28.96	28.96	0.7879
77	30	90	662332	3934.98	DFT-s-OFDM 16 QAM	1@1	24.97	25.26	28.13	28.13	0.6498
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	27.65	25.87	29.86	29.86	0.9685
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	27.53	26.02	29.85	29.85	0.9662
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	27.45	25.64	29.65	29.65	0.9223
77	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	27.69	25.87	29.88	29.88	0.9739
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	27.65	25.96	29.90	29.90	0.9766
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	27.57	25.62	29.71	29.71	0.9362
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	27.12	25.15	29.26	29.26	0.8426
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	27.52	25.27	29.55	29.55	0.9014
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	27.63	24.8	29.45	29.45	0.8814
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	25.56	23.6	27.70	27.70	0.5888
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	25.93	23.65	27.95	27.95	0.6235
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	26.11	23.32	27.95	27.95	0.6231
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	23.53	21.58	25.67	25.67	0.3693
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	23.8	21.44	25.79	25.79	0.3792
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	23.89	21.04	25.71	25.71	0.3720
77	30	100	650000	3750	CP-OFDM QPSK	137@68	26.57	24.61	28.71	28.71	0.7430
77	30	100	650000	3750	CP-OFDM QPSK	1@1	27.19	24.82	29.18	29.18	0.8270
77	30	100	650000	3750	CP-OFDM QPSK	1@271	27.25	24.26	29.02	29.02	0.7976



77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	135@67	25.87	26.44	29.17	29.17	0.8269
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.11	26.19	29.16	29.16	0.8242
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@271	25.95	26.26	29.12	29.12	0.8162
77	30	100	656000	3840	DFT-s-OFDM QPSK	135@67	25.89	26.45	29.19	29.19	0.8297
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@1	26.12	26.24	29.19	29.19	0.8300
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@271	26.01	26.19	29.11	29.11	0.8149
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	135@67	25.09	25.71	28.42	28.42	0.6952
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.52	25.62	28.58	28.58	0.7212
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@271	25.35	25.68	28.53	28.53	0.7126
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	135@67	23.57	24.18	26.90	26.90	0.4893
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@1	23.92	23.95	26.95	26.95	0.4949
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@271	23.76	23.94	26.86	26.86	0.4854
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	135@67	21.55	22.22	24.91	24.91	0.3096
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.62	21.72	24.68	24.68	0.2938
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@271	21.47	21.74	24.62	24.62	0.2896
77	30	100	656000	3840	CP-OFDM QPSK	137@68	24.65	25.27	27.98	27.98	0.6283
77	30	100	656000	3840	CP-OFDM QPSK	1@1	24.9	25.06	27.99	27.99	0.6297
77	30	100	656000	3840	CP-OFDM QPSK	1@271	24.76	25.1	27.94	27.94	0.6228
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	135@67	25.97	26.42	29.21	29.21	0.8339
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@1	25.93	26.69	29.34	29.34	0.8584
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@271	26.27	26.58	29.44	29.44	0.8786
77	30	100	662000	3930	DFT-s-OFDM QPSK	135@67	25.89	26.42	29.17	29.17	0.8267
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@1	25.92	26.72	29.35	29.35	0.8607
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@271	26.27	26.48	29.39	29.39	0.8683
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	135@67	25.07	25.7	28.41	28.41	0.6929
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@1	25.26	26.08	28.70	28.70	0.7412
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@271	25.6	25.97	28.80	28.80	0.7584
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	135@67	23.65	24.15	26.92	26.92	0.4918
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@1	23.71	24.44	27.10	27.10	0.5129
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@271	24.06	24.28	27.18	27.18	0.5226
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	135@67	21.6	22.17	24.90	24.90	0.3094
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@1	21.42	22.18	24.83	24.83	0.3039
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@271	21.77	22.1	24.95	24.95	0.3125
77	30	100	662000	3930	CP-OFDM QPSK	137@68	24.64	25.17	27.92	27.92	0.6199
77	30	100	662000	3930	CP-OFDM QPSK	1@1	24.88	25.7	28.32	28.32	0.6791
77	30	100	662000	3930	CP-OFDM QPSK	1@271	24.93	25.54	28.26	28.26	0.6693



ULMIMO N77 (Ant8+Ant4)_Ant4

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	0.0021	PASS	NV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0017	PASS	LV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0003	PASS	HV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0041	PASS	-30°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.0047	PASS	-20°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0034	PASS	-10°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0039	PASS	0°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.0025	PASS	10°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0013	PASS	20°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0015	PASS	30°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0027	PASS	40°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0022	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	3.97	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@0	3.95	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	5.82	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	6.71	13	PASS



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



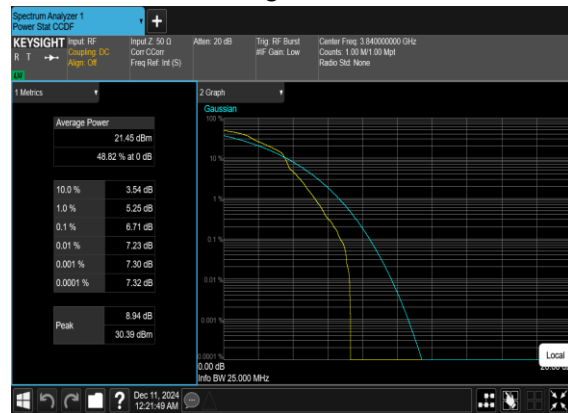
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_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	8.5731	9.777
77	30	10	656000	3840.0	CP-OFDM 16 QAM	24@0	8.5595	9.955
77	30	10	656000	3840.0	CP-OFDM 64 QAM	24@0	8.6071	9.473
77	30	10	656000	3840.0	CP-OFDM 256 QAM	24@0	8.5648	9.56
77	30	15	656000	3840.0	CP-OFDM QPSK	38@0	13.597	14.58
77	30	15	656000	3840.0	CP-OFDM 16 QAM	38@0	13.591	14.79
77	30	15	656000	3840.0	CP-OFDM 64 QAM	38@0	13.602	14.81
77	30	15	656000	3840.0	CP-OFDM 256 QAM	38@0	13.571	14.57
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.218	19.51
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	18.233	19.12
77	30	20	656000	3840.0	CP-OFDM 64 QAM	51@0	18.215	19.32
77	30	20	656000	3840.0	CP-OFDM 256 QAM	51@0	18.175	19.68
77	30	25	656000	3840.0	CP-OFDM QPSK	65@0	23.232	24.35
77	30	25	656000	3840.0	CP-OFDM 16 QAM	65@0	23.157	24.37
77	30	25	656000	3840.0	CP-OFDM 64 QAM	65@0	23.198	24.44
77	30	25	656000	3840.0	CP-OFDM 256 QAM	65@0	23.172	24.27
77	30	30	656000	3840.0	CP-OFDM QPSK	78@0	27.842	29.08
77	30	30	656000	3840.0	CP-OFDM 16 QAM	78@0	27.885	29.31
77	30	30	656000	3840.0	CP-OFDM 64 QAM	78@0	27.829	28.96
77	30	30	656000	3840.0	CP-OFDM 256 QAM	78@0	27.866	29.09
77	30	40	656000	3840.0	CP-OFDM QPSK	106@0	37.885	39.5
77	30	40	656000	3840.0	CP-OFDM 16 QAM	106@0	37.782	39.51
77	30	40	656000	3840.0	CP-OFDM 64 QAM	106@0	37.945	39.87



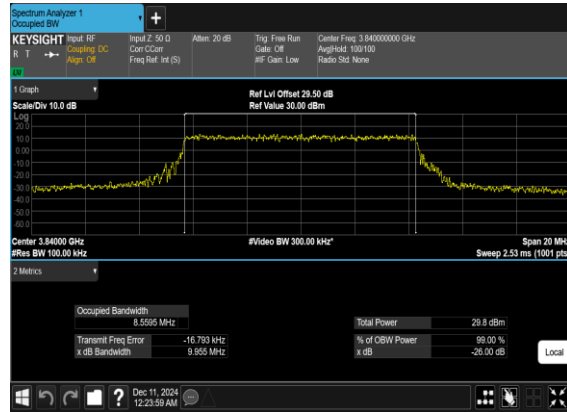
77	30	40	656000	3840.0	CP-OFDM 256 QAM	106@0	37.926	39.38
77	30	50	656000	3840.0	CP-OFDM QPSK	133@0	37.853	39.41
77	30	50	656000	3840.0	CP-OFDM 16 QAM	133@0	47.342	49.31
77	30	50	656000	3840.0	CP-OFDM 64 QAM	133@0	47.392	49.4
77	30	50	656000	3840.0	CP-OFDM 256 QAM	133@0	47.468	49.04
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.982	60.32
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.951	59.63
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.911	59.85
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.655	59.69
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.486	69.86
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.489	69.8
77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.518	69.72
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.546	70.26
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.524	79.89
77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.445	79.96
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.428	80.08
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.441	79.91
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.473	90.66
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.588	90.44
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.576	90.5
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.448	90.13
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.397	100.5
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.708	100.5
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.67	100.6
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.557	100.4



N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



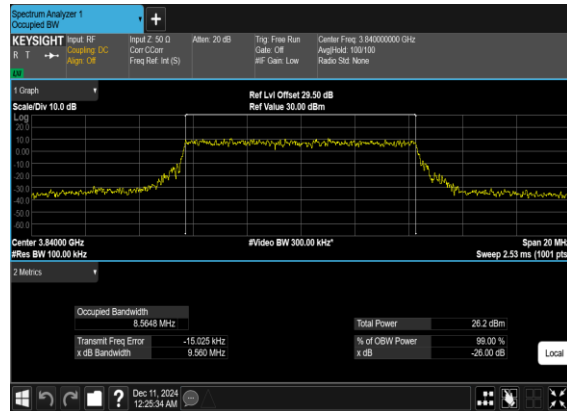
N77(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

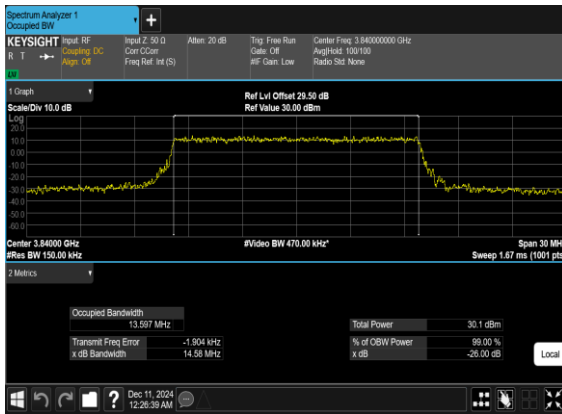


N77(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

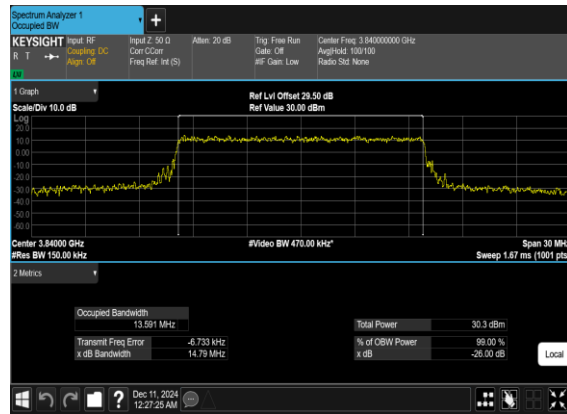




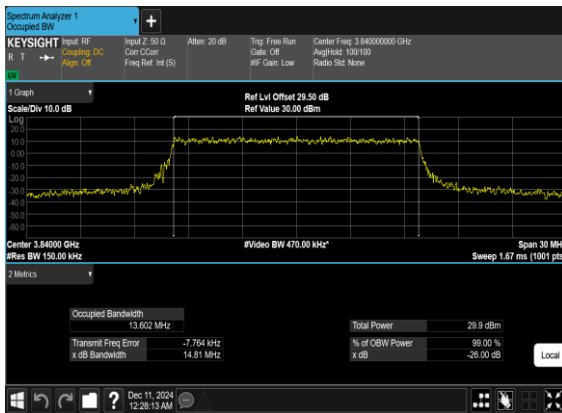
N77(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



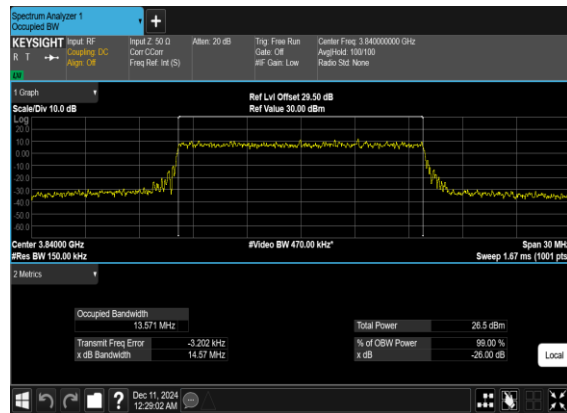
N77(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

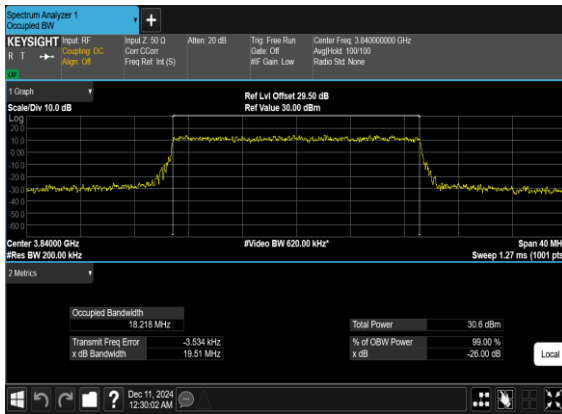


N77(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

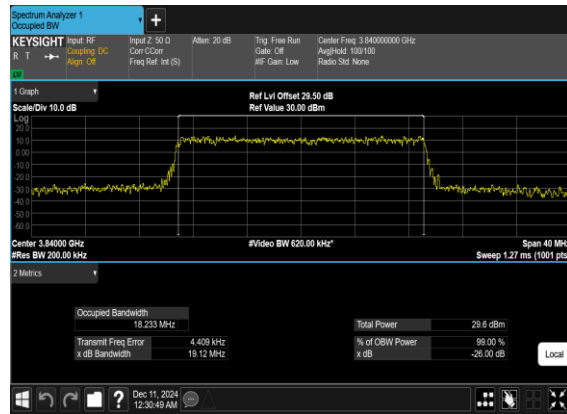




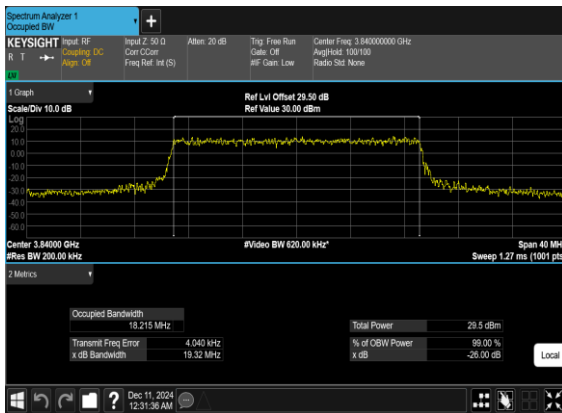
N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



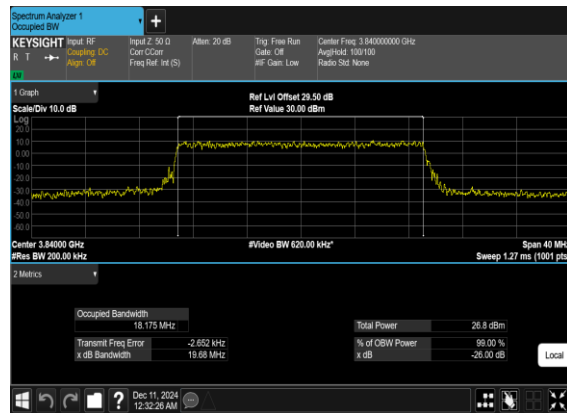
N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

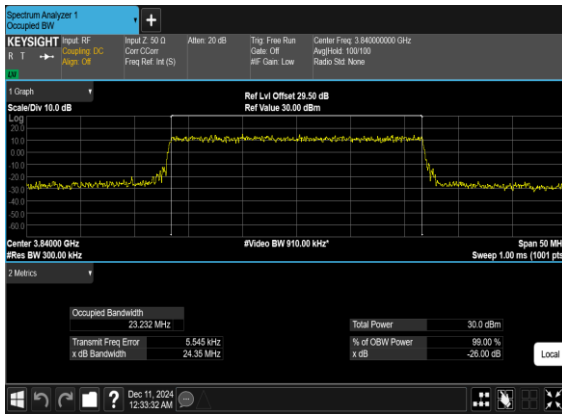


N77(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

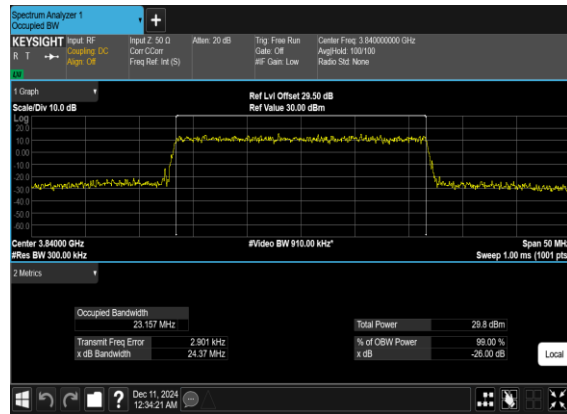




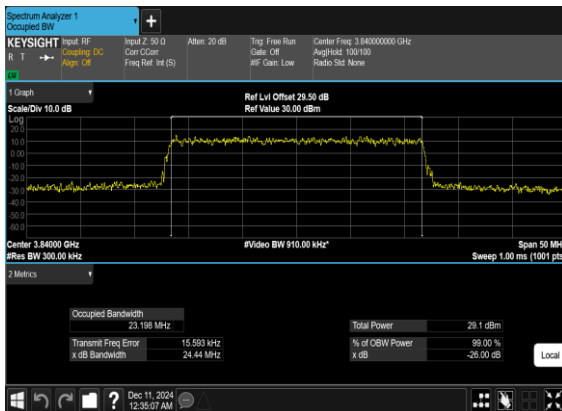
N77(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



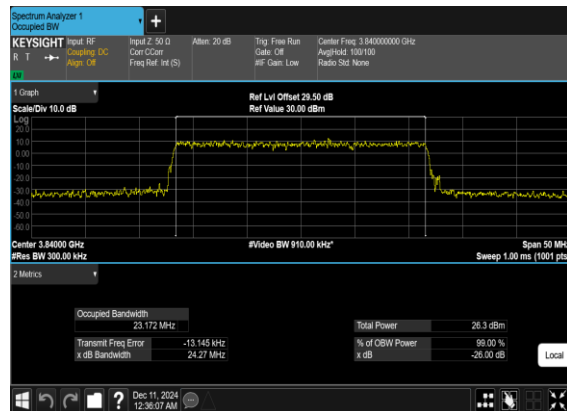
N77(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

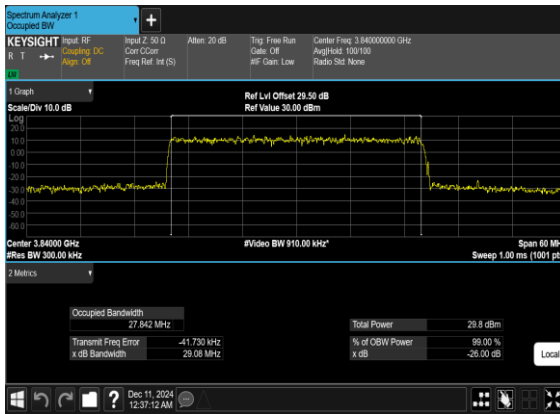


N77(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

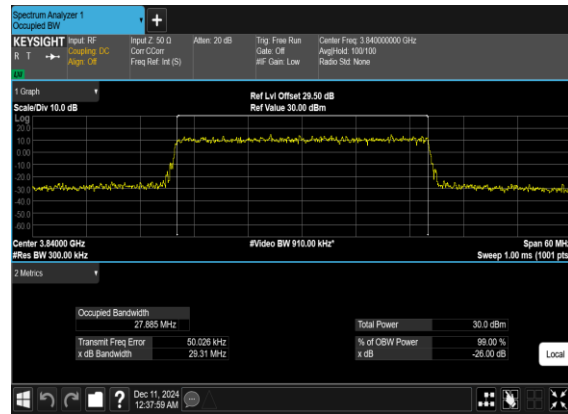




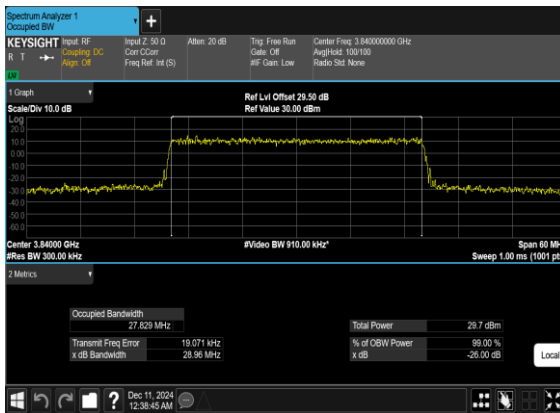
N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



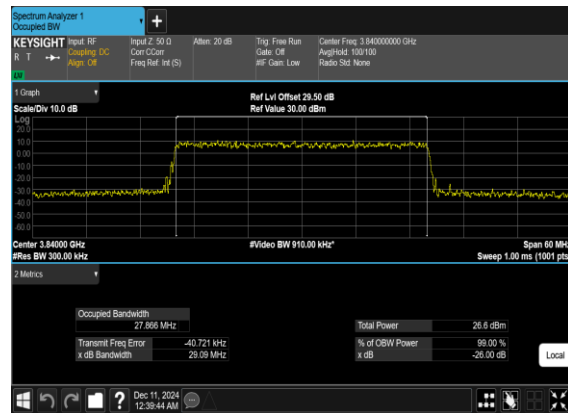
N77(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

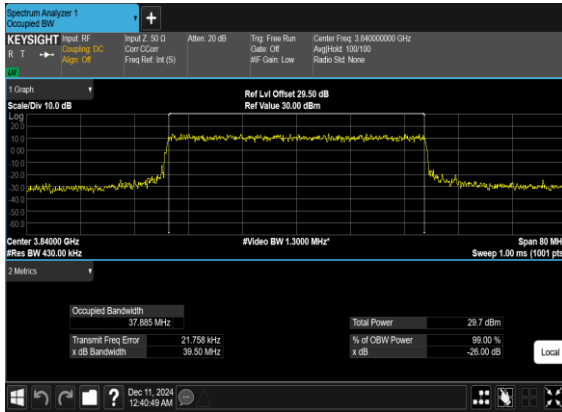


N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

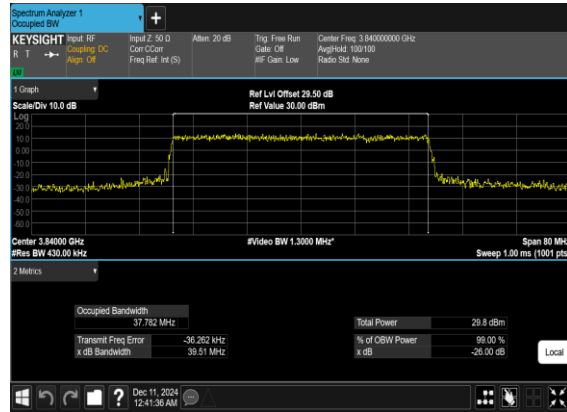




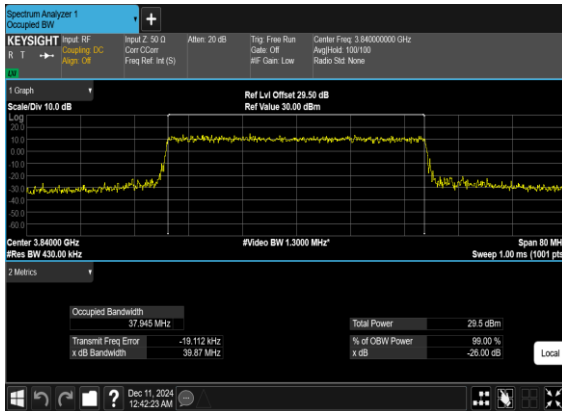
N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



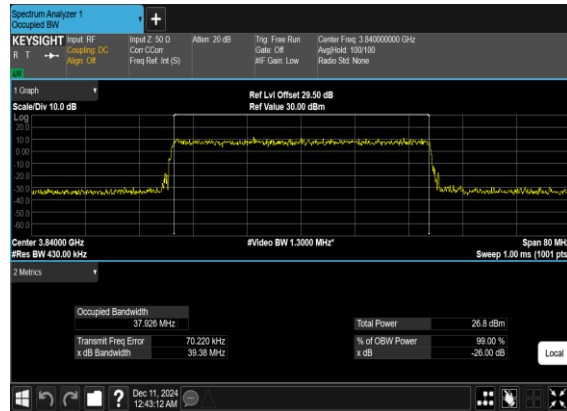
N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

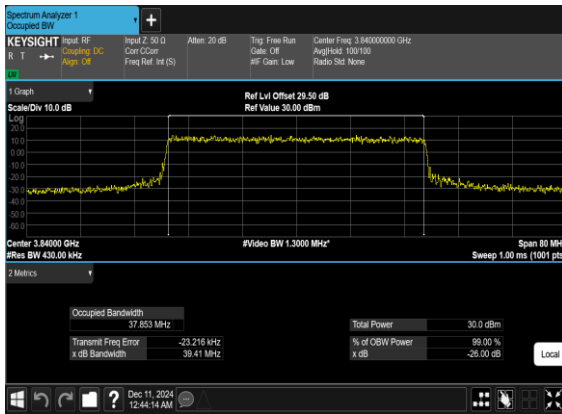


N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

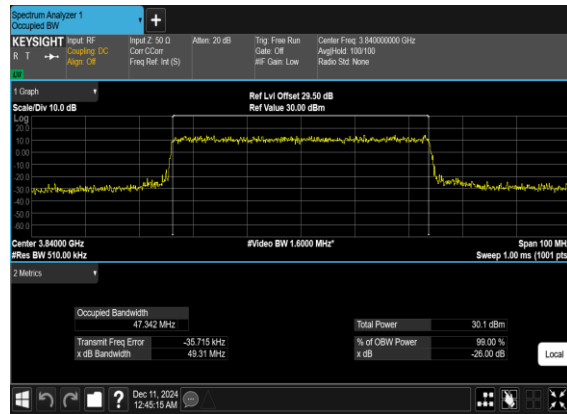




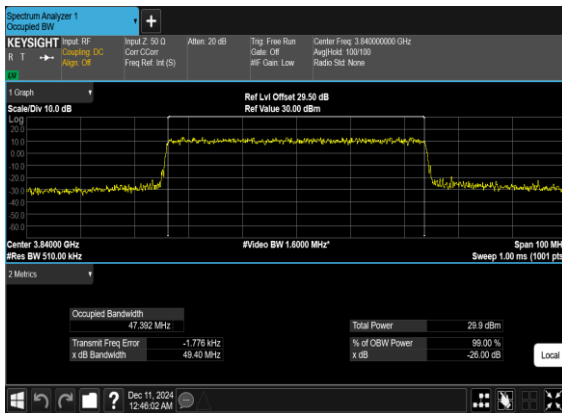
N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



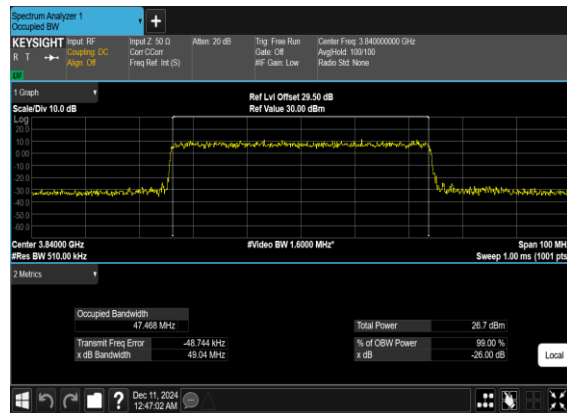
N77(50M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

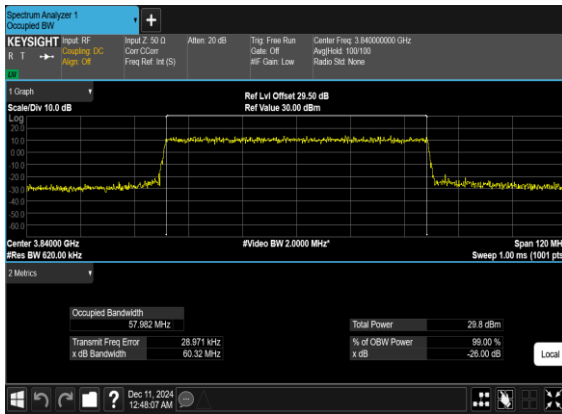


N77(50M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

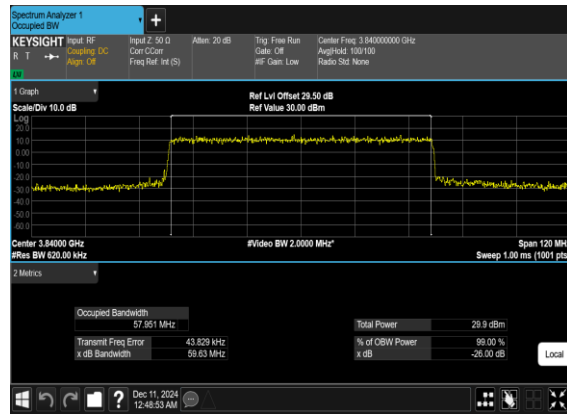




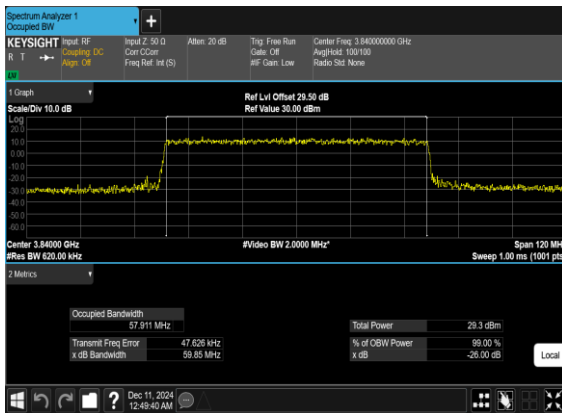
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



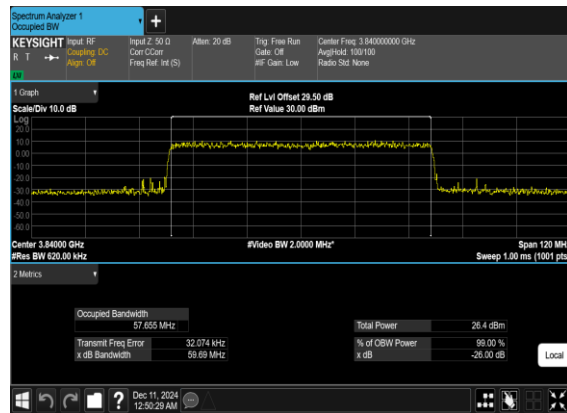
N77(60M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

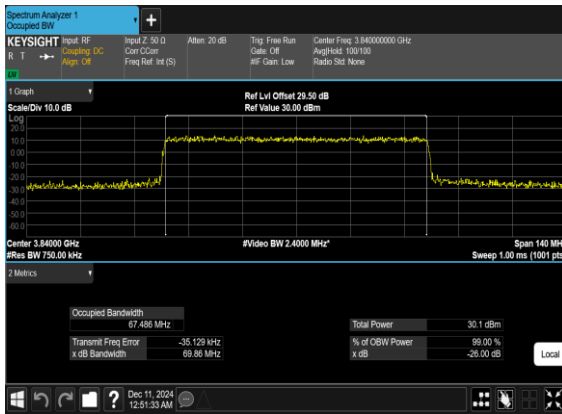


N77(60M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

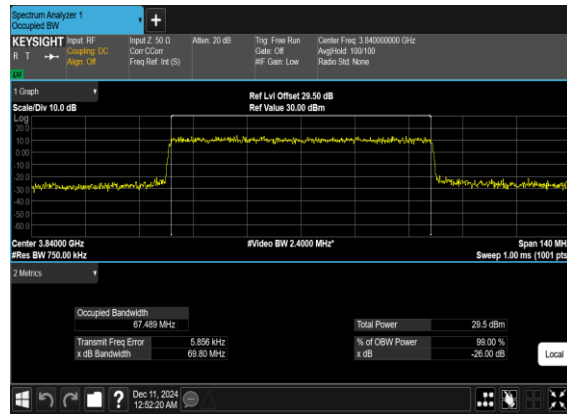




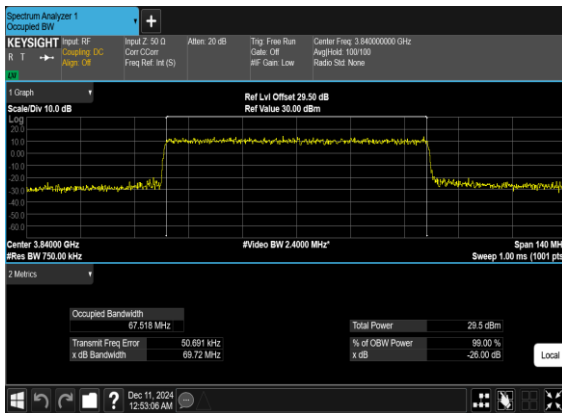
N77(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



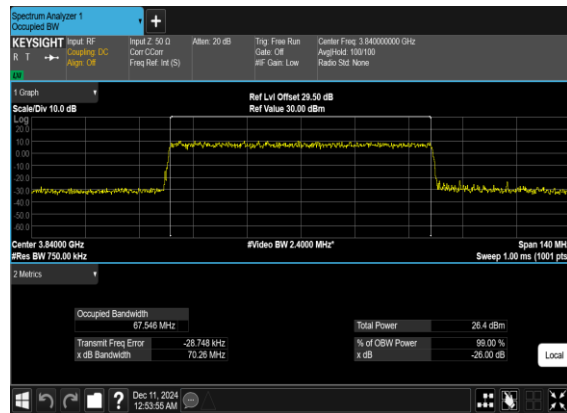
N77(70M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(70M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

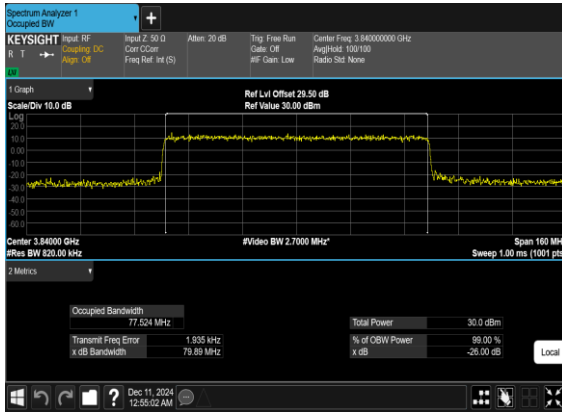


N77(70M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

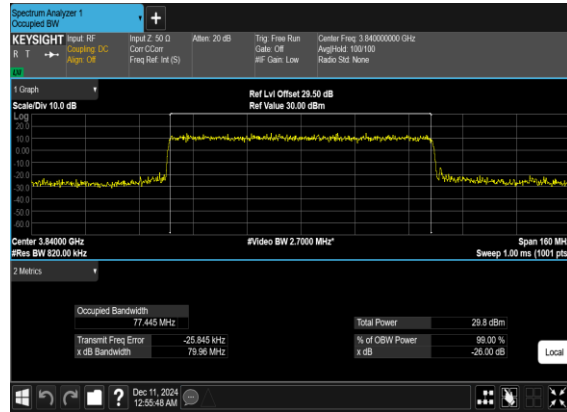




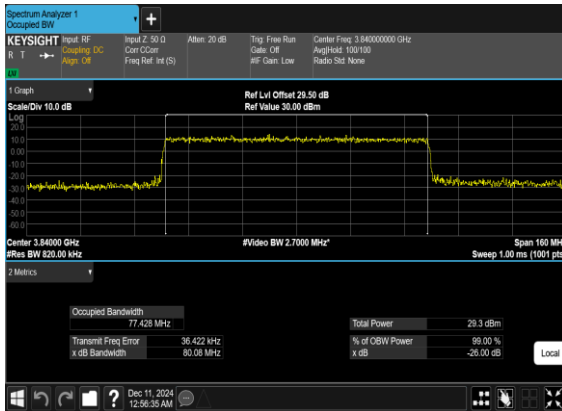
N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



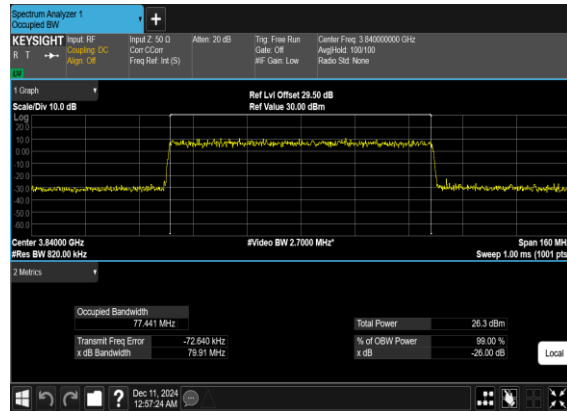
N77(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

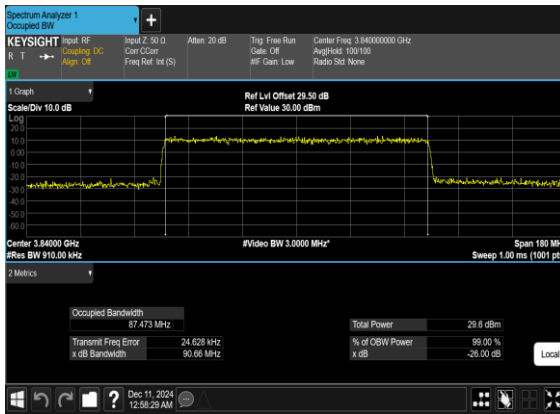


N77(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

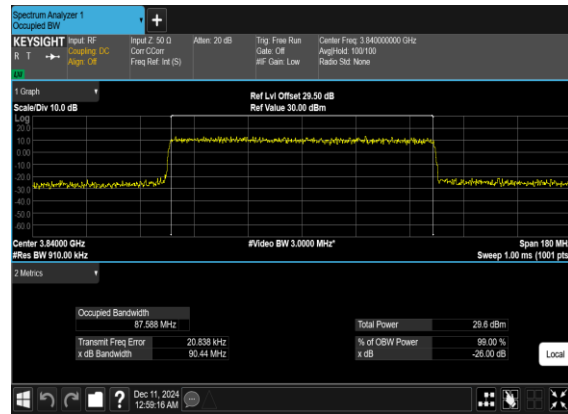




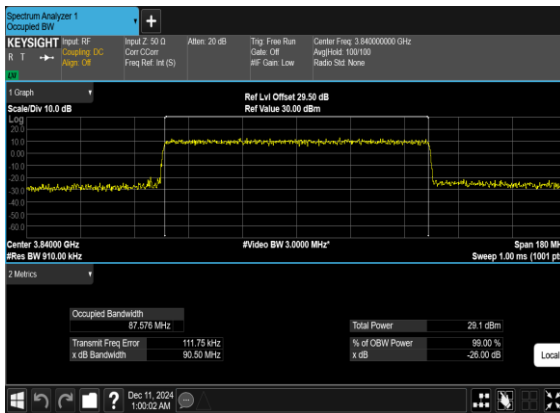
N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



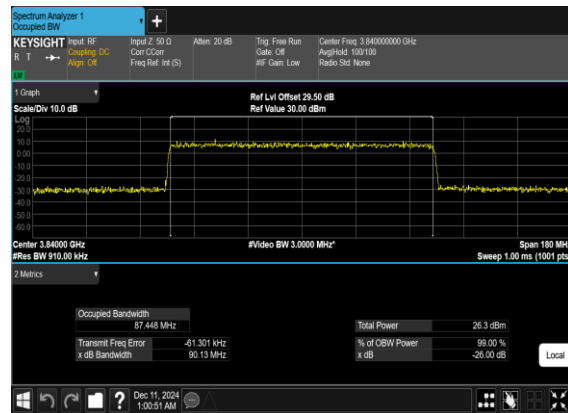
N77(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

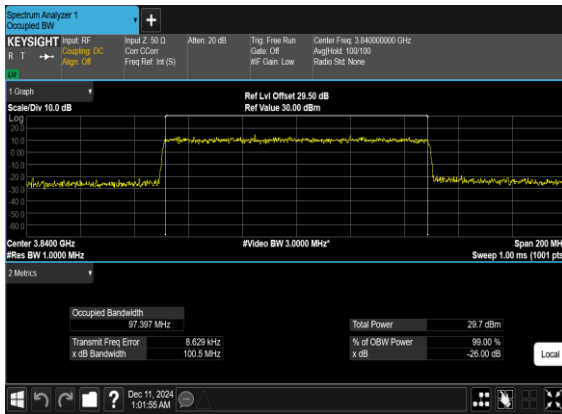


N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

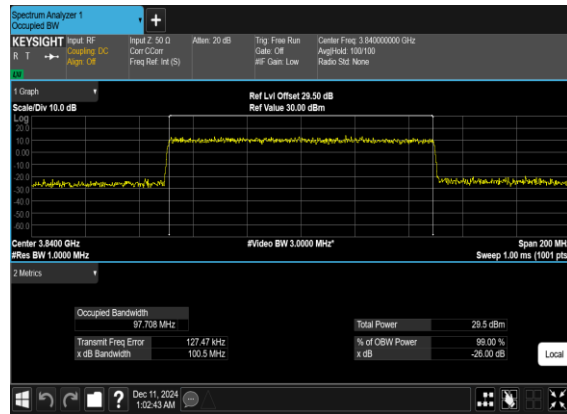




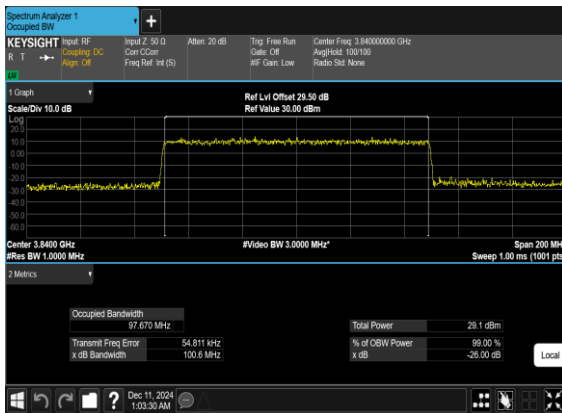
N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



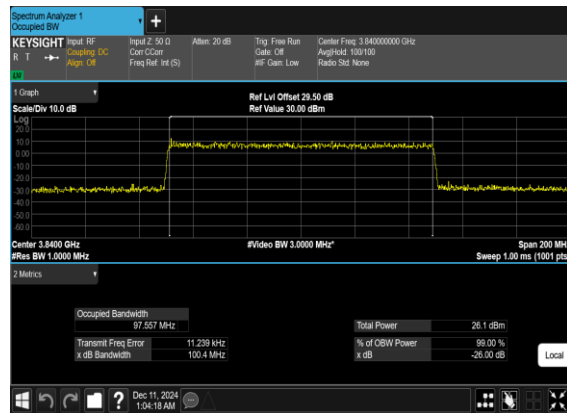
N77(100M)_CP-OFDM_16_QAM_Outer_Full_Mid_CH



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	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS



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



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



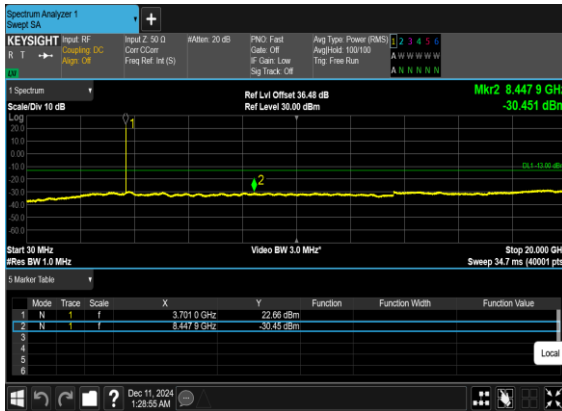
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



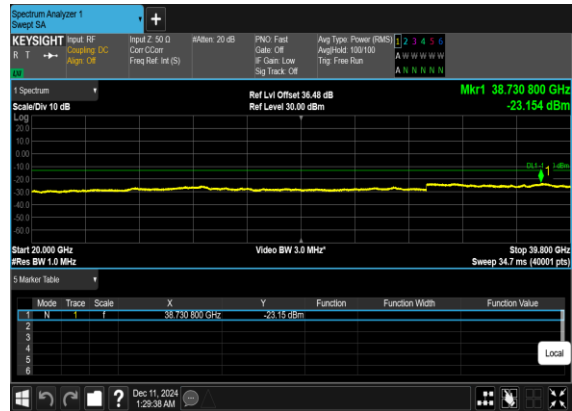
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

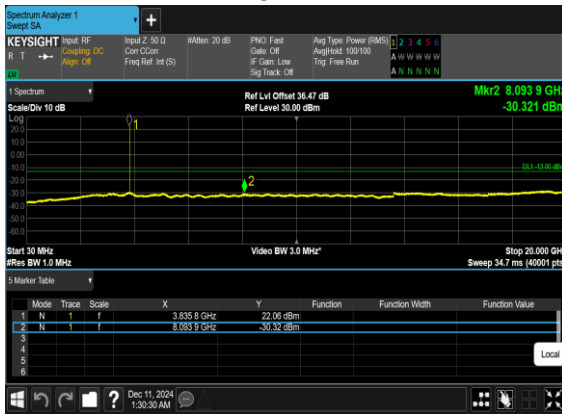


N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

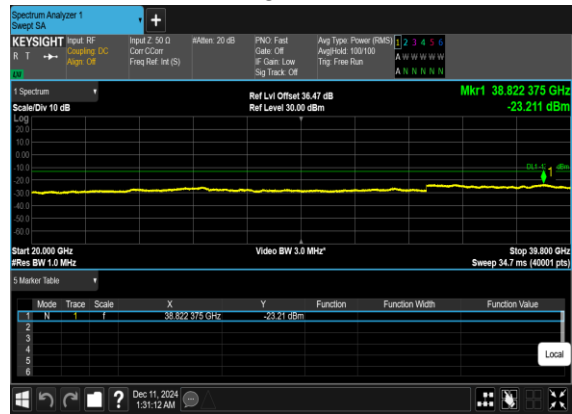




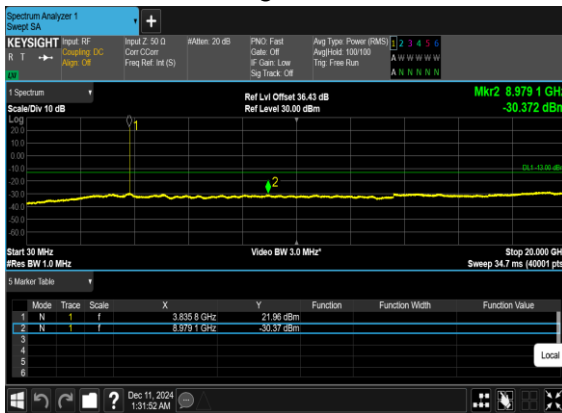
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



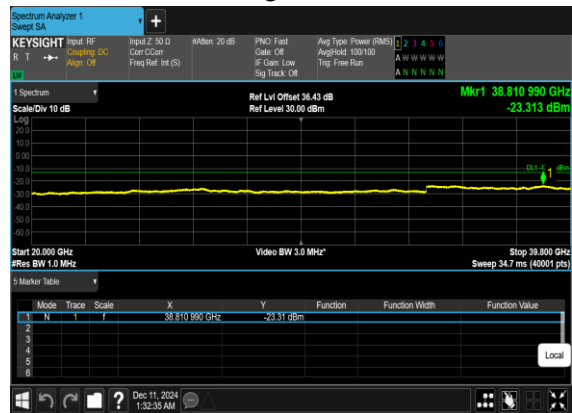
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

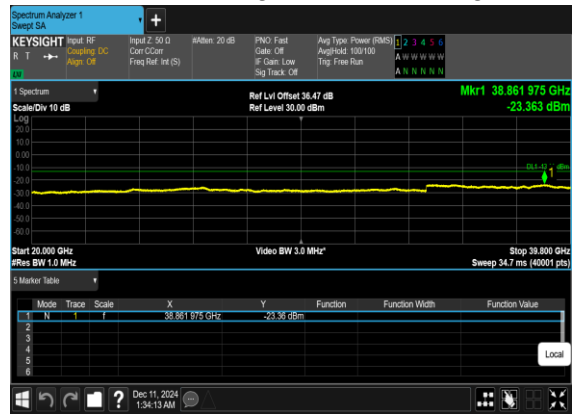




N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



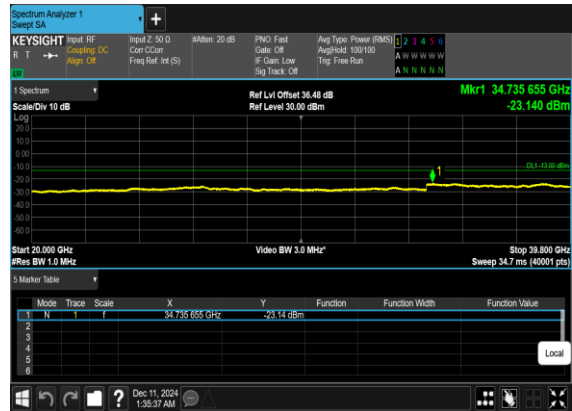
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

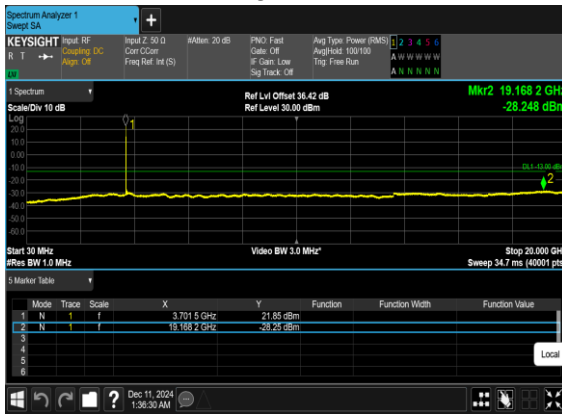


N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

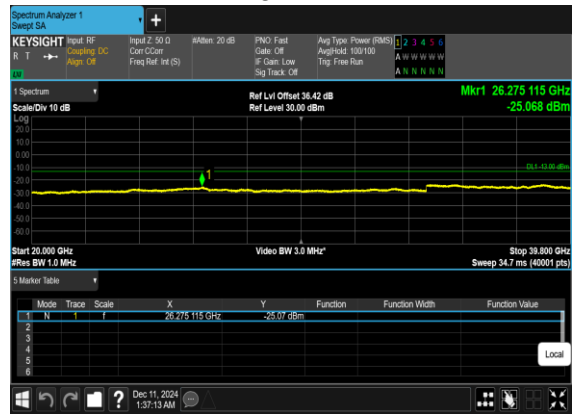




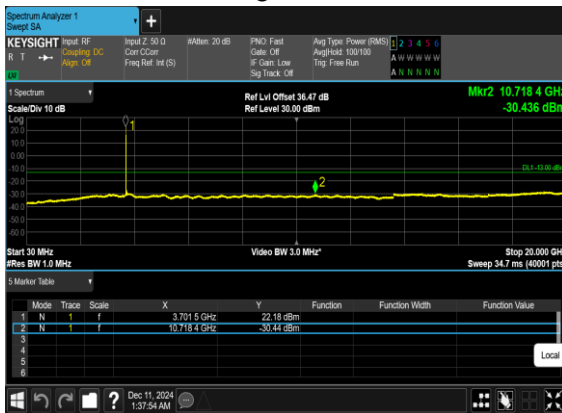
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

