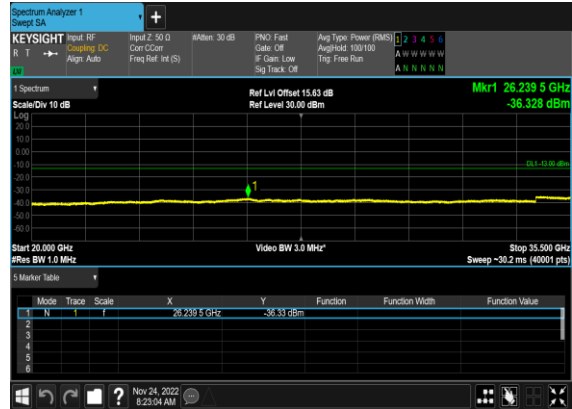


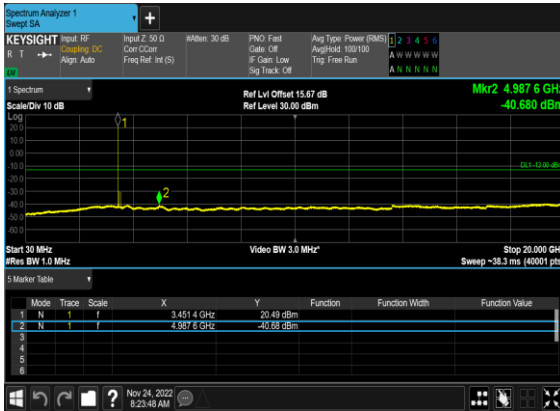
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



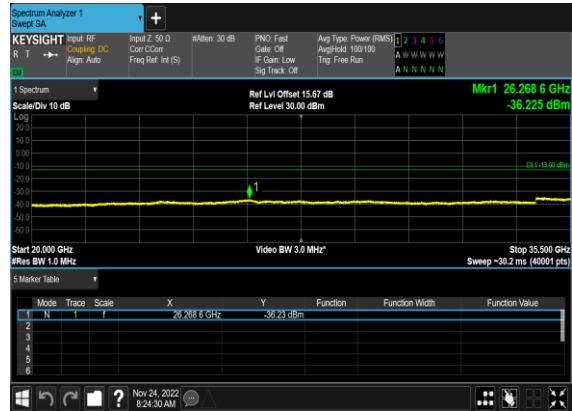
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



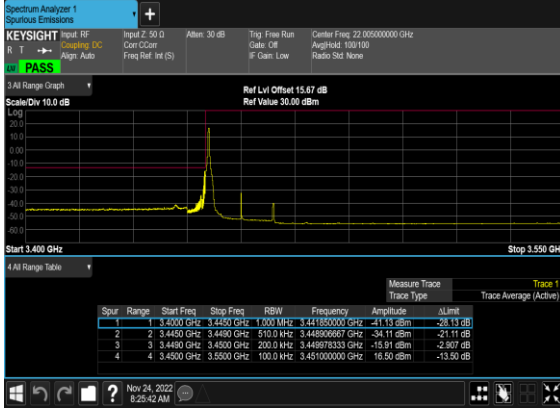
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



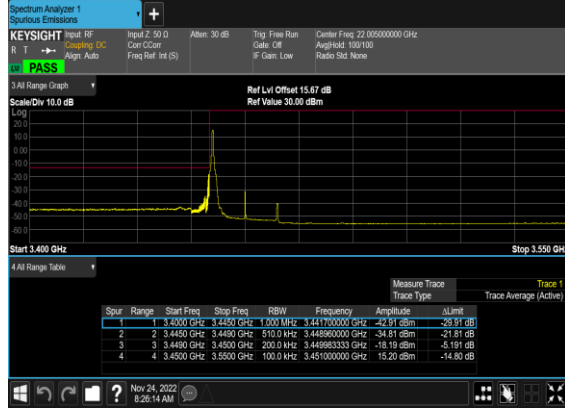
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	630668	3460.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	630668	3460.02	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	30	20	636000	3540.0	DFT-s-OFDM BPSK	1@50	see graph	PASS
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@50	see graph	PASS
77	30	20	636000	3540.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@161	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@161	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	see graph	PASS

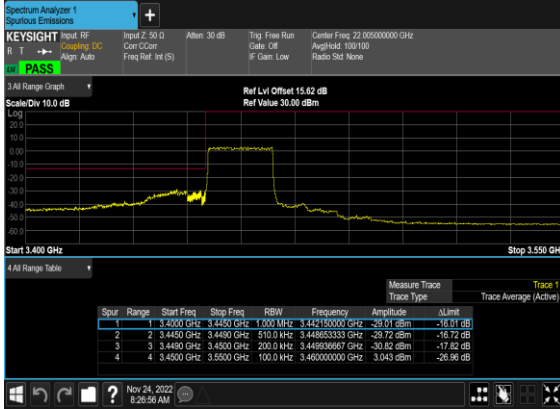
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



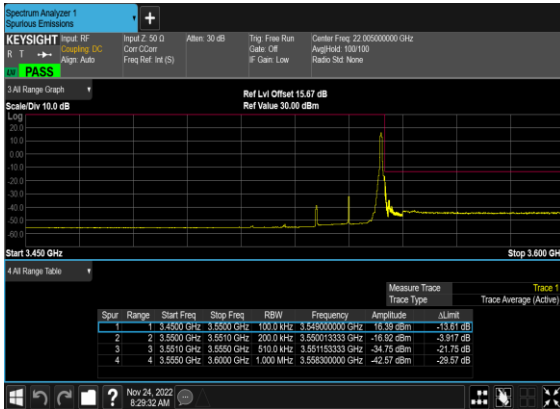
N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



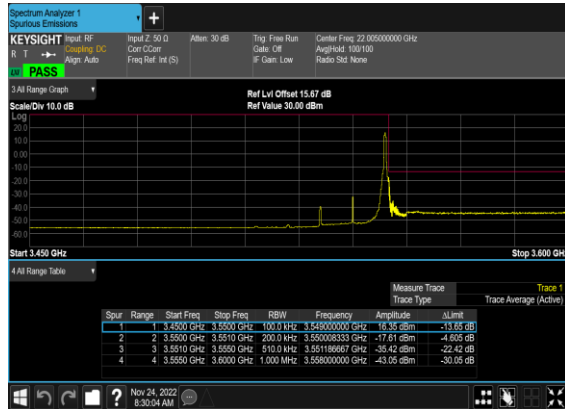
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



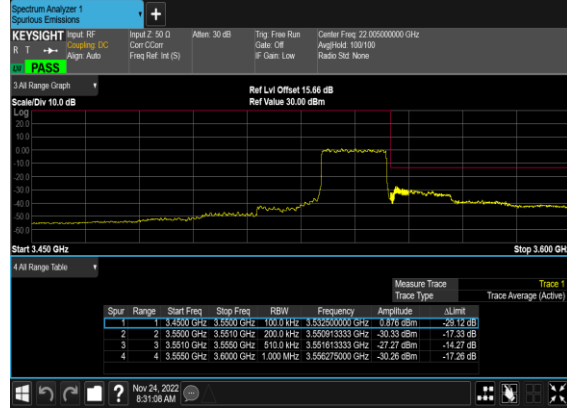
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



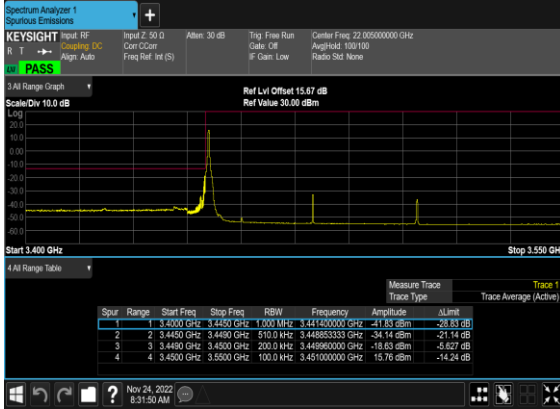
N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



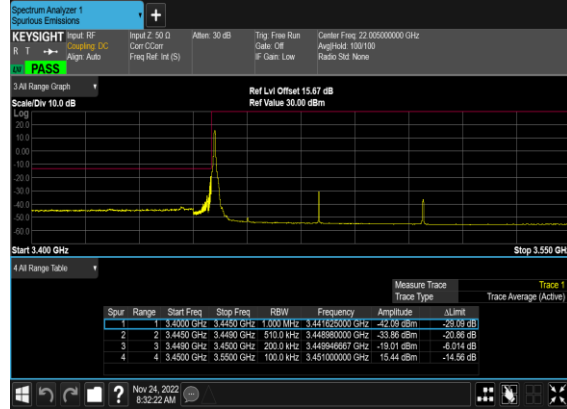
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



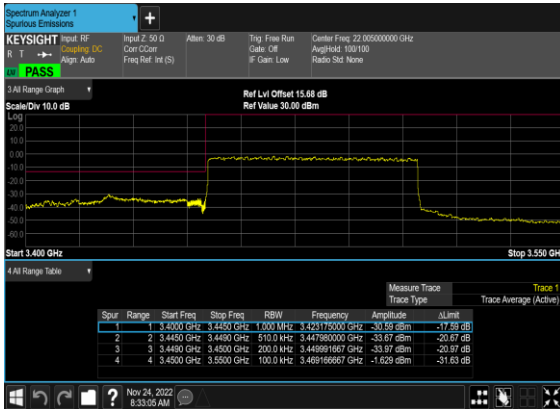
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



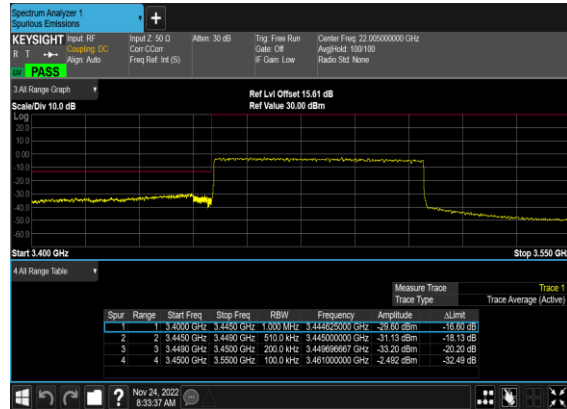
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



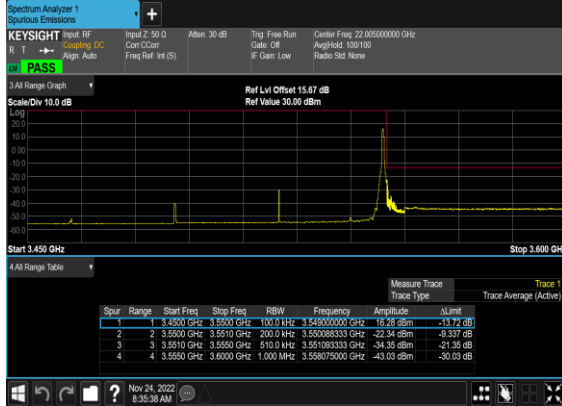
N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



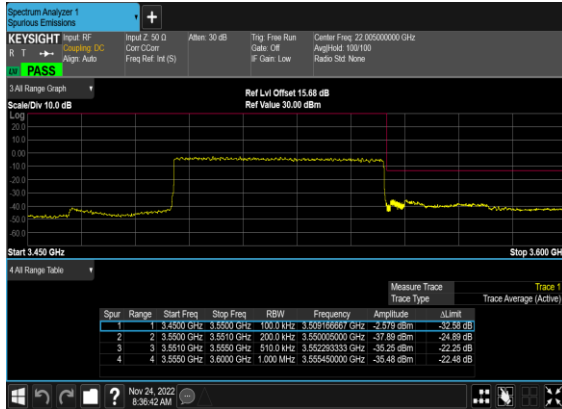
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



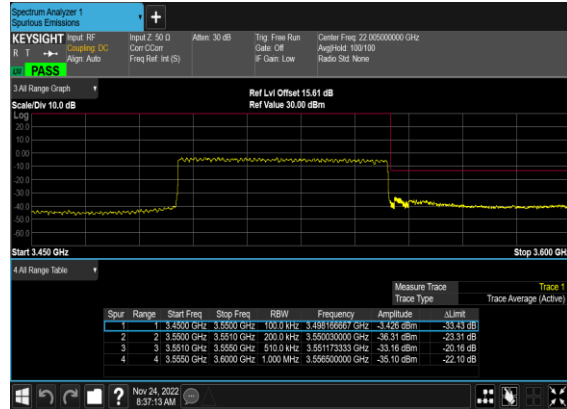
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



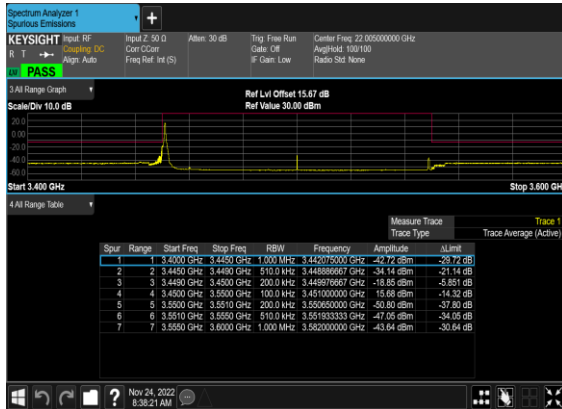
N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



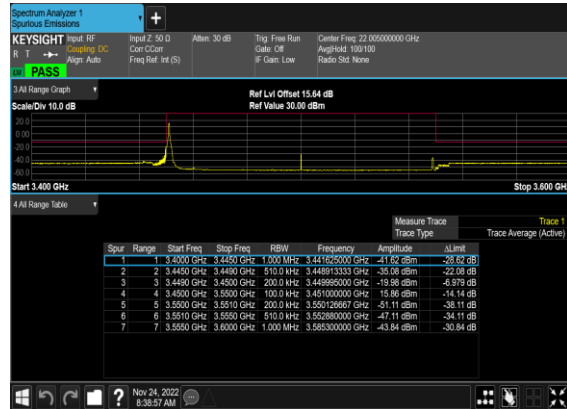
N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



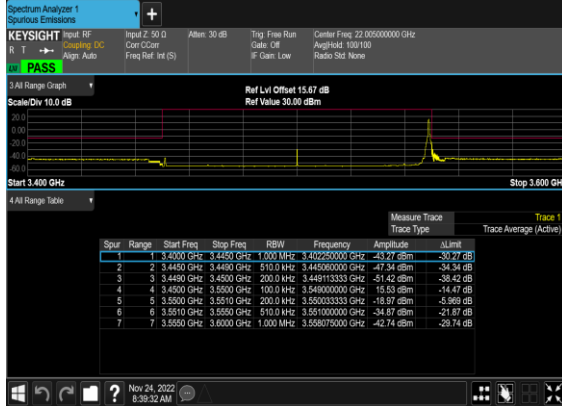
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



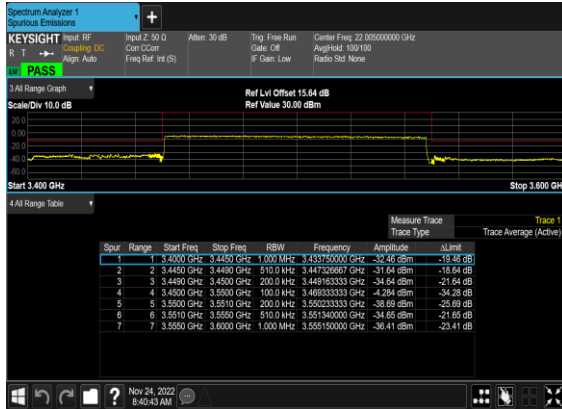
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



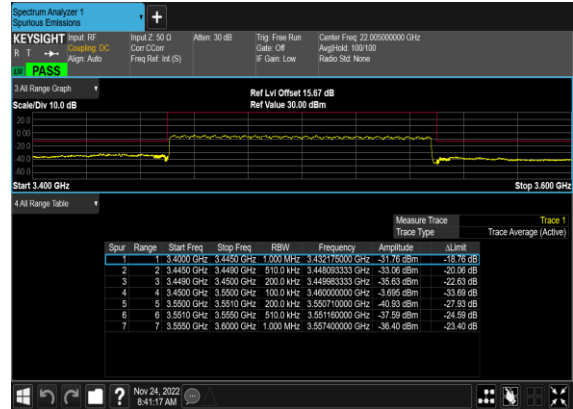
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



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Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=-5.0dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	25.9	20.9	0.1230
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	25.12	20.12	0.1028
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.6	20.6	0.1148
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.75	19.75	0.0944
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	24.53	19.53	0.0897
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	23.72	18.72	0.0745
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	26.08	21.08	0.1282
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	25.19	20.19	0.1045
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.62	20.62	0.1153
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.79	19.79	0.0953
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	24.82	19.82	0.0959
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	23.98	18.98	0.0791
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	26.06	21.06	0.1276
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	25.31	20.31	0.1074
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.53	20.53	0.1130
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.75	19.75	0.0944
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	24.98	19.98	0.0995
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	24.2	19.2	0.0832
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	25.73	20.73	0.1183
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	24.98	19.98	0.0995
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.61	20.61	0.1151
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.83	19.83	0.0962
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	25.19	20.19	0.1045
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	24.41	19.41	0.0873
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	25.85	20.85	0.1216
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	24.75	19.75	0.0944
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.52	20.52	0.1127
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.77	19.77	0.0948
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	25.22	20.22	0.1052
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	24.43	19.43	0.0877
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	25.72	20.72	0.1180
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	24.93	19.93	0.0984
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.6	20.6	0.1148
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.8	19.8	0.0955

78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	25.65	20.65	0.1161
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	24.87	19.87	0.0971
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	25.69	20.69	0.1172
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	24.87	19.87	0.0971
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.64	20.64	0.1159
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.83	19.83	0.0962
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	25.59	20.59	0.1146
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	24.77	19.77	0.0948
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	25.69	20.69	0.1172
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	24.84	19.84	0.0964
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.62	20.62	0.1153
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.85	19.85	0.0966
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	25.57	20.57	0.1140
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	24.78	19.78	0.0951
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.84	20.84	0.1213
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.11	21.11	0.1291
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	24.54	19.54	0.0899
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	25.8	20.8	0.1202
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.96	20.96	0.1247
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	24.44	19.44	0.0879
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	24.37	19.37	0.0865
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.81	19.81	0.0957
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	23.17	18.17	0.0656
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	22.92	17.92	0.0619
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	22.97	17.97	0.0627
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	21.25	16.25	0.0422
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	21.14	16.14	0.0411
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	21.03	16.03	0.0401
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	20.28	15.28	0.0337
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	23.49	18.49	0.0706
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	24.17	19.17	0.0826
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	22.36	17.36	0.0545

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Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-5dB

NR	SCS Band (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT8 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	30	20	630668	3460.02	CP-OFDM QPSK	1@1	21.01	21.85	24.46	19.46	0.0883
77	30	20	630668	3460.02	CP-OFDM 16 QAM	1@1	20.36	21.99	24.26	19.26	0.0843
77	30	20	633334	3500.01	CP-OFDM QPSK	1@1	21.13	20.49	23.83	18.83	0.0764
77	30	20	633334	3500.01	CP-OFDM 16 QAM	1@1	20.67	20.06	23.39	18.39	0.0690
77	30	20	636000	3540	CP-OFDM QPSK	1@1	20.95	21.31	24.14	19.14	0.0820
77	30	20	636000	3540	CP-OFDM 16 QAM	1@1	20.5	20.8	23.66	18.66	0.0735
77	30	30	631000	3465	CP-OFDM QPSK	1@1	21.25	22.57	24.97	19.97	0.0993
77	30	30	631000	3465	CP-OFDM 16 QAM	1@1	20.74	22.14	24.51	19.51	0.0893
77	30	30	633334	3500.01	CP-OFDM QPSK	1@1	21.1	20.86	23.99	18.99	0.0793
77	30	30	633334	3500.01	CP-OFDM 16 QAM	1@1	20.75	20.4	23.59	18.59	0.0723
77	30	30	635666	3534.99	CP-OFDM QPSK	1@1	21.27	21.11	24.20	19.20	0.0832
77	30	30	635666	3534.99	CP-OFDM 16 QAM	1@1	20.66	20.6	23.64	18.64	0.0731
77	30	40	631334	3470.01	CP-OFDM QPSK	1@1	21.06	22.64	24.93	19.93	0.0984
77	30	40	631334	3470.01	CP-OFDM 16 QAM	1@1	20.68	22.21	24.52	19.52	0.0895
77	30	40	633334	3500.01	CP-OFDM QPSK	1@1	21.37	21.04	24.22	19.22	0.0836
77	30	40	633334	3500.01	CP-OFDM 16 QAM	1@1	20.84	20.61	23.74	18.74	0.0748
77	30	40	635332	3529.98	CP-OFDM QPSK	1@1	21.41	20.79	24.12	19.12	0.0817
77	30	40	635332	3529.98	CP-OFDM 16 QAM	1@1	20.9	20.38	23.66	18.66	0.0735
77	30	50	631668	3475.02	CP-OFDM QPSK	1@1	21.06	22.47	24.83	19.83	0.0962
77	30	50	631668	3475.02	CP-OFDM 16 QAM	1@1	20.54	22	24.34	19.34	0.0859
77	30	50	633334	3500.01	CP-OFDM QPSK	1@1	21.14	21.1	24.13	19.13	0.0818
77	30	50	633334	3500.01	CP-OFDM 16 QAM	1@1	20.67	20.66	23.68	18.68	0.0738
77	30	50	635000	3525	CP-OFDM QPSK	1@1	21.1	20.35	23.75	18.75	0.0750
77	30	50	635000	3525	CP-OFDM 16 QAM	1@1	20.66	20.05	23.38	18.38	0.0689
77	30	60	632000	3480	CP-OFDM QPSK	1@1	20.8	22.55	24.77	19.77	0.0948
77	30	60	632000	3480	CP-OFDM 16 QAM	1@1	20.39	22.03	24.30	19.30	0.0851
77	30	60	633334	3500.01	CP-OFDM QPSK	1@1	21.16	21.25	24.22	19.22	0.0836
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@1	20.62	20.8	23.72	18.72	0.0745
77	30	60	634666	3519.99	CP-OFDM QPSK	1@1	21.27	20.51	23.92	18.92	0.0780
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@1	20.64	20.11	23.39	18.39	0.0690
77	30	70	632334	3485.01	CP-OFDM QPSK	1@1	20.75	22.4	24.66	19.66	0.0925
77	30	70	632334	3485.01	CP-OFDM 16 QAM	1@1	20.3	21.9	24.18	19.18	0.0828
77	30	70	633334	3500.01	CP-OFDM QPSK	1@1	20.91	21.55	24.25	19.25	0.0841
77	30	70	633334	3500.01	CP-OFDM 16 QAM	1@1	20.47	21.07	23.79	18.79	0.0757
77	30	70	634332	3514.98	CP-OFDM QPSK	1@1	20.97	21.03	24.01	19.01	0.0796
77	30	70	634332	3514.98	CP-OFDM 16 QAM	1@1	20.51	20.45	23.49	18.49	0.0706

77	30	80	632668	3490.02	CP-OFDM QPSK	1@1	20.83	22.45	24.73	19.73	0.0940
77	30	80	632668	3490.02	CP-OFDM 16 QAM	1@1	20.33	21.95	24.23	19.23	0.0838
77	30	80	633334	3500.01	CP-OFDM QPSK	1@1	20.87	21.91	24.43	19.43	0.0877
77	30	80	633334	3500.01	CP-OFDM 16 QAM	1@1	20.42	21.36	23.93	18.93	0.0782
77	30	80	634000	3510	CP-OFDM QPSK	1@1	20.87	21.35	24.13	19.13	0.0818
77	30	80	634000	3510	CP-OFDM 16 QAM	1@1	20.43	20.78	23.62	18.62	0.0728
77	30	90	633000	3495	CP-OFDM QPSK	1@1	20.75	22.39	24.66	19.66	0.0925
77	30	90	633000	3495	CP-OFDM 16 QAM	1@1	20.39	22	24.28	19.28	0.0847
77	30	90	633334	3500.01	CP-OFDM QPSK	1@1	20.84	22.12	24.54	19.54	0.0899
77	30	90	633334	3500.01	CP-OFDM 16 QAM	1@1	20.4	21.75	24.14	19.14	0.0820
77	30	90	633666	3504.99	CP-OFDM QPSK	1@1	20.75	21.9	24.37	19.37	0.0865
77	30	90	633666	3504.99	CP-OFDM 16 QAM	1@1	20.42	21.45	23.98	18.98	0.0791
77	30	100	633334	3500.01	CP-OFDM QPSK	137@68	20.83	20.49	23.67	18.67	0.0736
77	30	100	633334	3500.01	CP-OFDM QPSK	1@1	21.06	22.74	24.99	19.99	0.0998
77	30	100	633334	3500.01	CP-OFDM QPSK	1@271	20.55	21.78	24.22	19.22	0.0836
77	30	100	633334	3500.01	CP-OFDM 16 QAM	137@68	20.44	20.11	23.29	18.29	0.0675
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@1	20.3	22.01	24.25	19.25	0.0841
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@271	20.1	21.26	23.73	18.73	0.0746
77	30	100	633334	3500.01	CP-OFDM 64 QAM	137@68	20.51	20.01	23.28	18.28	0.0673
77	30	100	633334	3500.01	CP-OFDM 64 QAM	1@1	20.08	21.52	23.87	18.87	0.0771
77	30	100	633334	3500.01	CP-OFDM 64 QAM	1@271	20.21	20.35	23.29	18.29	0.0675
77	30	100	633334	3500.01	CP-OFDM 256 QAM	137@68	17.47	16.93	20.22	15.22	0.0333
77	30	100	633334	3500.01	CP-OFDM 256 QAM	1@1	17.73	18.92	21.38	16.38	0.0435
77	30	100	633334	3500.01	CP-OFDM 256 QAM	1@271	17.49	18.21	20.88	15.88	0.0387

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Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0025	PASS	NV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0053	PASS	LV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0029	PASS	HV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0058	PASS	-30°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0022	PASS	-20°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0027	PASS	-10°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0066	PASS	0°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0053	PASS	10°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0025	PASS	20°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0031	PASS	30°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0030	PASS	40°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0030	PASS	50°C

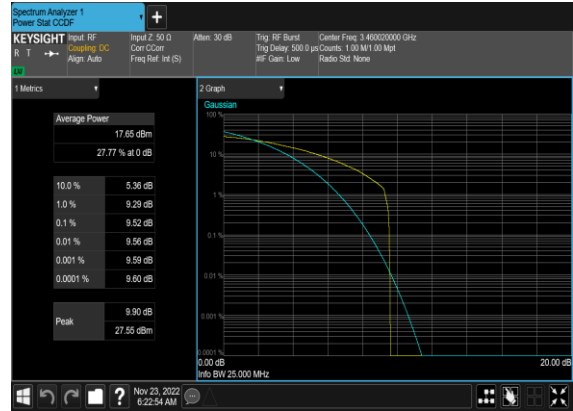
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	630668	3460.02	CP-OFDM QPSK	51@0	10.31	13	PASS
77	30	20	630668	3460.02	CP-OFDM QPSK	1@0	9.52	13	PASS
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	9.97	13	PASS
77	30	20	633334	3500.01	CP-OFDM QPSK	1@0	9.71	13	PASS
77	30	20	636000	3540.0	CP-OFDM QPSK	51@0	9.95	13	PASS
77	30	20	636000	3540.0	CP-OFDM QPSK	1@0	10.33	13	PASS

N77(20M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



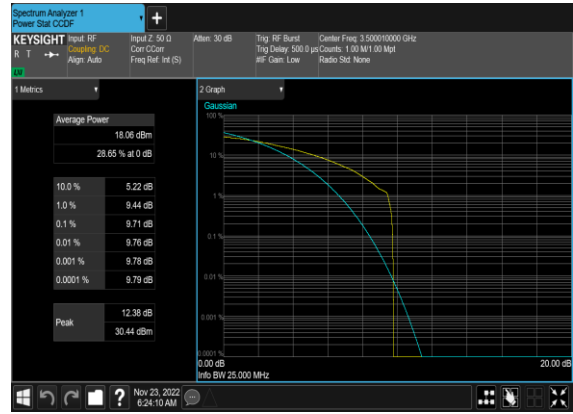
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



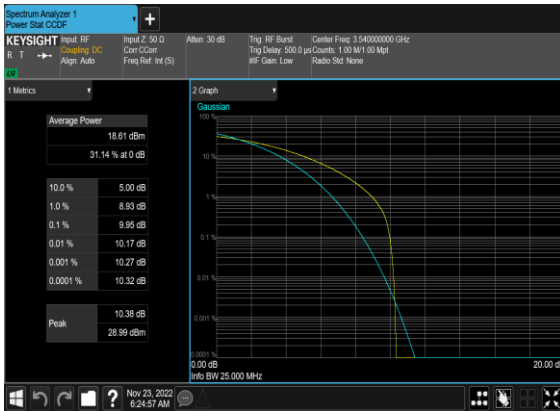
N77(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



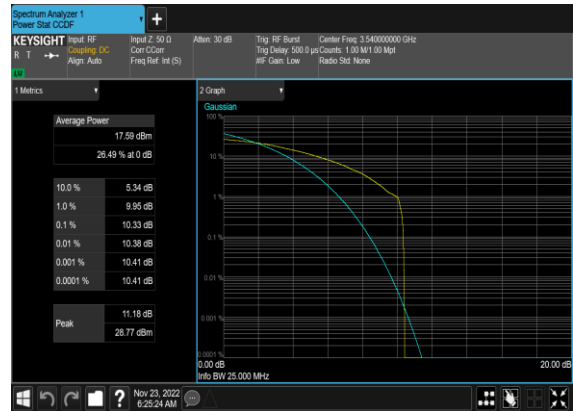
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(20M)_CP-
OFDM_QPSK_Outer_Full_High_CH



N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

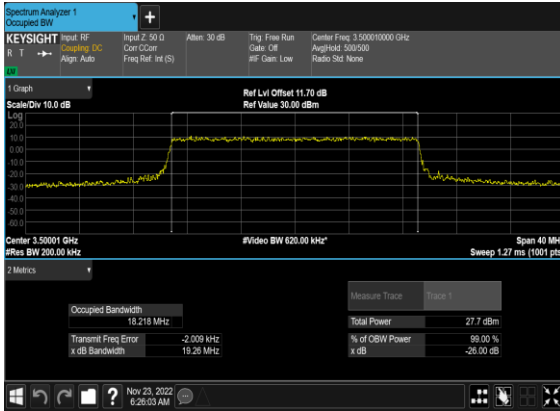


Occupied Bandwidth

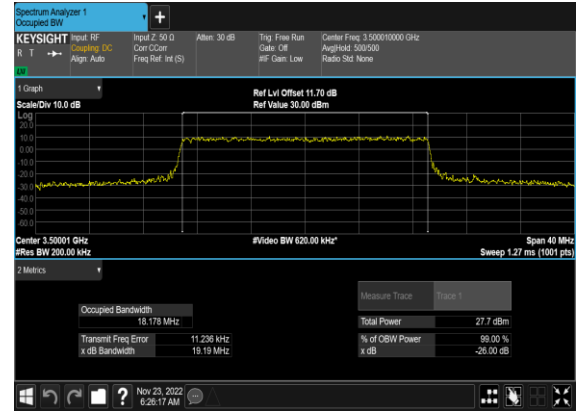
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.218	19.26
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.177	19.19
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.214	19.41
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.159	19.14
77	30	30	633334	3500.01	CP-OFDM QPSK	77@0	27.809	29.39
77	30	30	633334	3500.01	CP-OFDM 16 QAM	77@0	27.904	29.23
77	30	30	633334	3500.01	CP-OFDM 64 QAM	77@0	27.821	29.34
77	30	30	633334	3500.01	CP-OFDM 256 QAM	77@0	27.842	29.41
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.806	39.48
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.849	39.43
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.815	39.52
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.881	39.53
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.459	49.55
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.449	49.24
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.396	49.27
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.504	49.39
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.776	59.79
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.849	59.68
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.764	59.77
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.75	59.93
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.566	69.68
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.609	69.77
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.382	69.77
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.543	69.93
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.451	80.02

77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.518	79.95
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.585	80.07
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.427	80.09
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.501	90.37
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.449	90.35
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.588	90.34
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.612	90.14
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.323	100.5
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.475	100.5
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.389	100.5
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.367	100.6

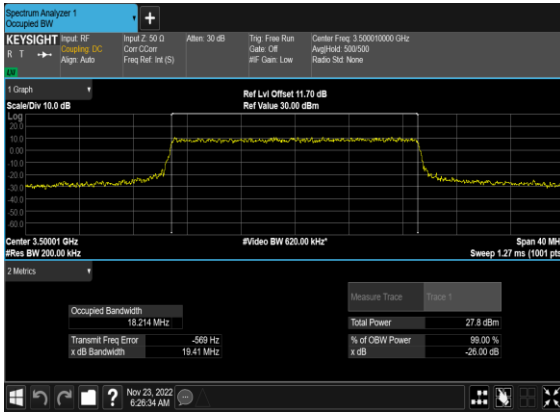
N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



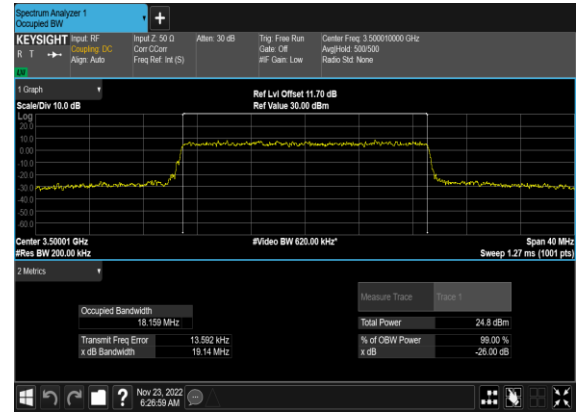
N77(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



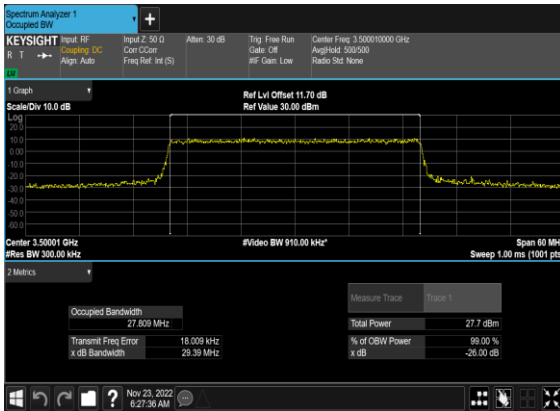
N77(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



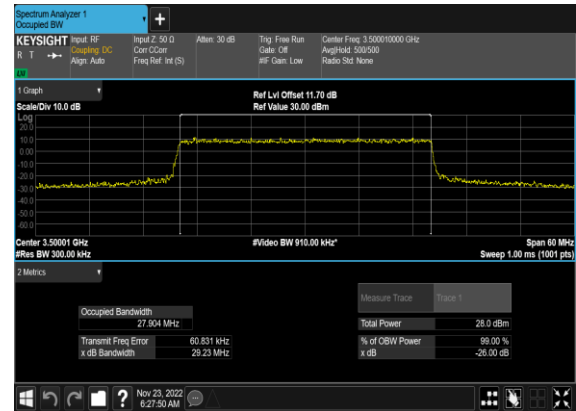
N77(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



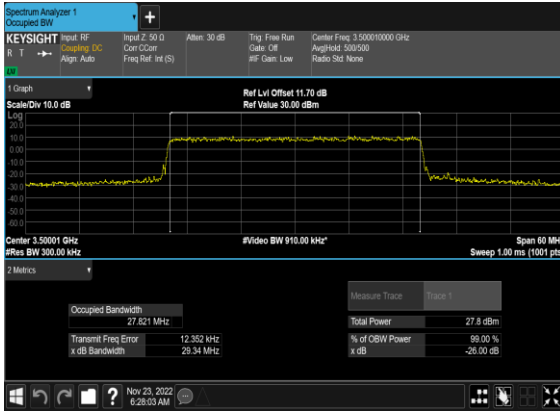
N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



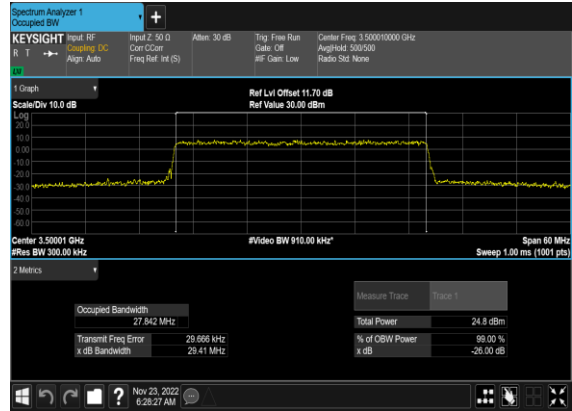
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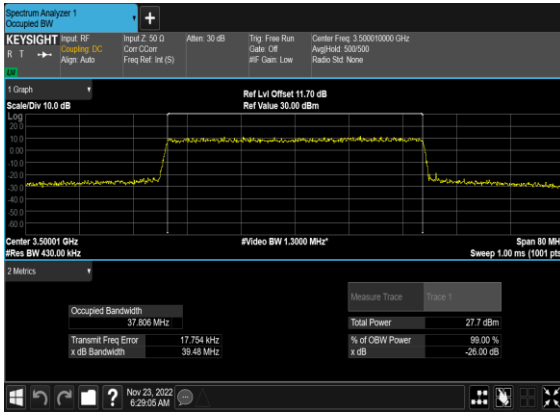
N77(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



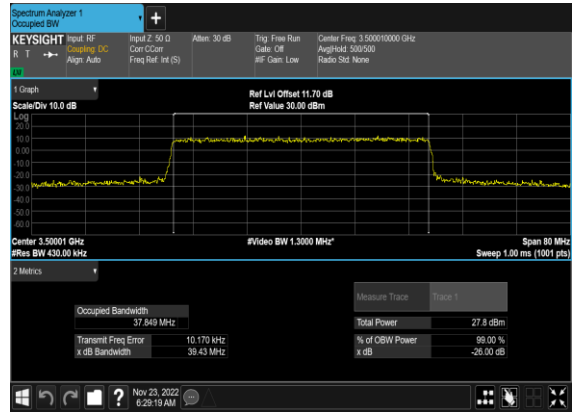
N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



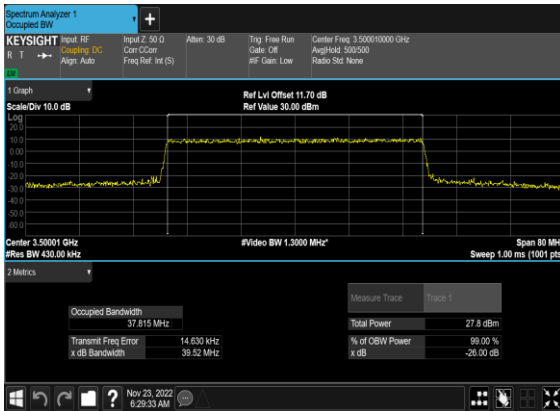
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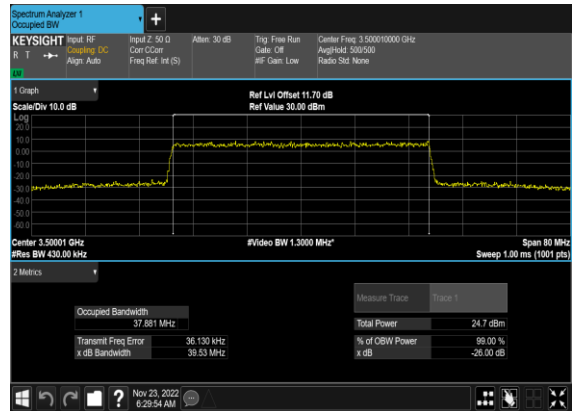
N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



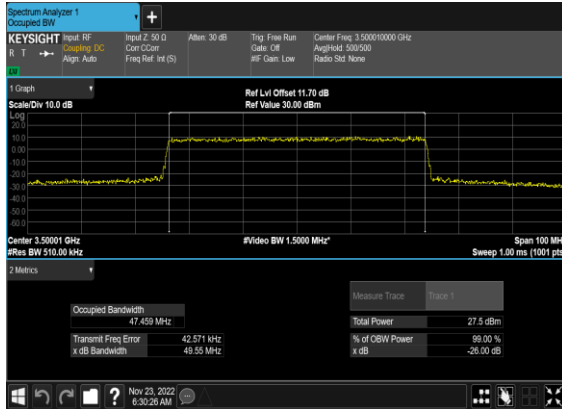
N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



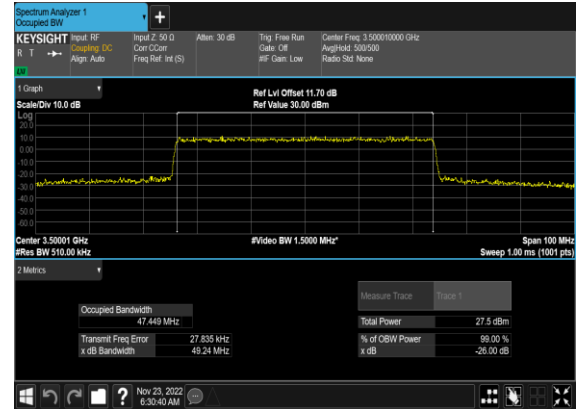
N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



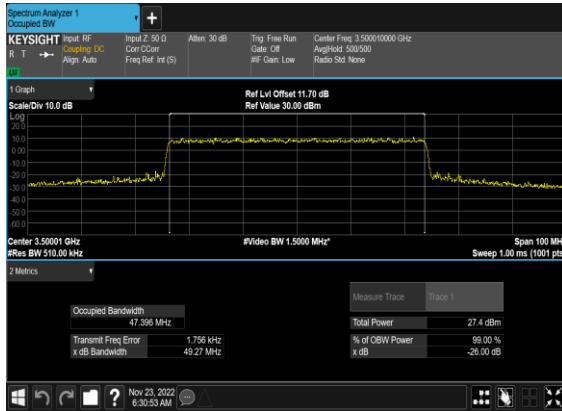
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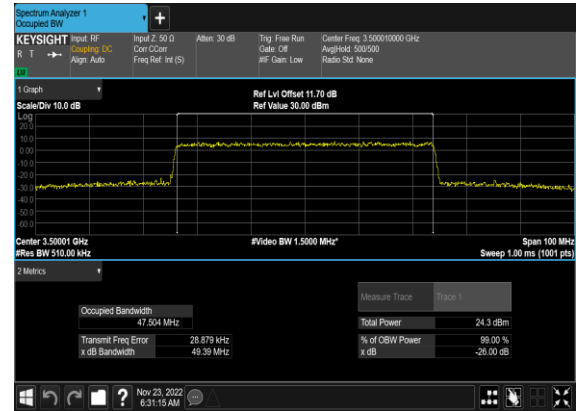
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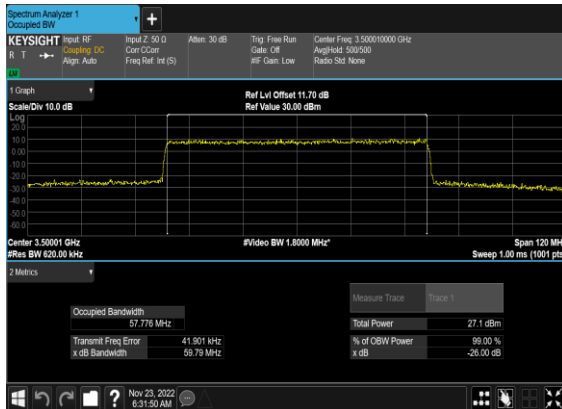
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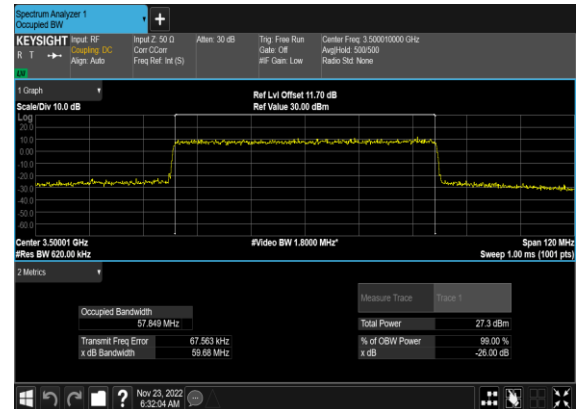
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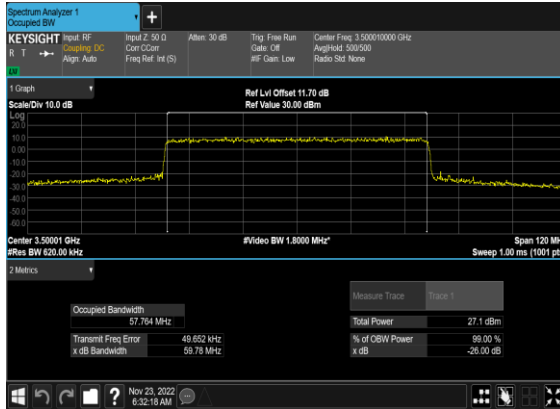
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



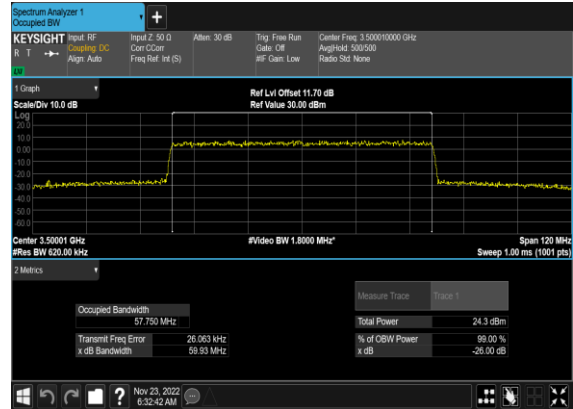
N77(60M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



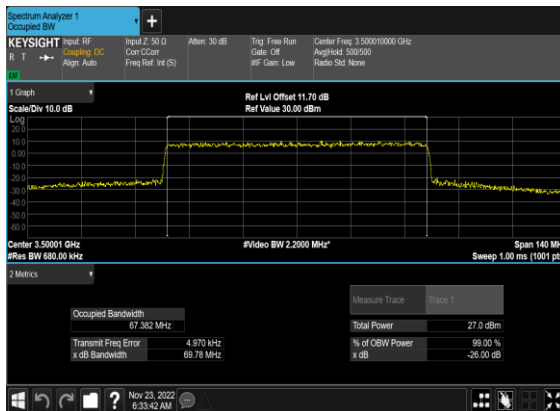
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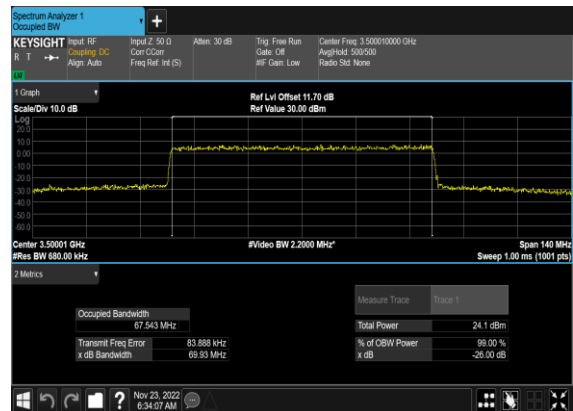
N77(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



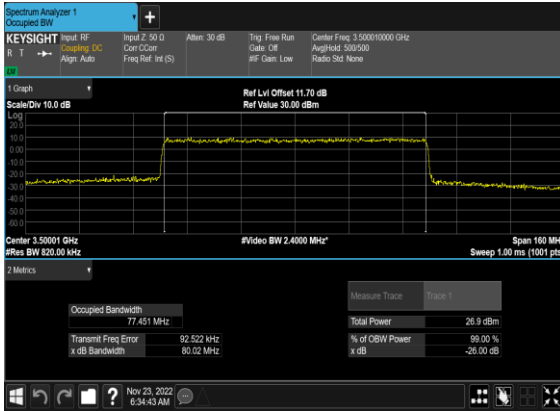
N77(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



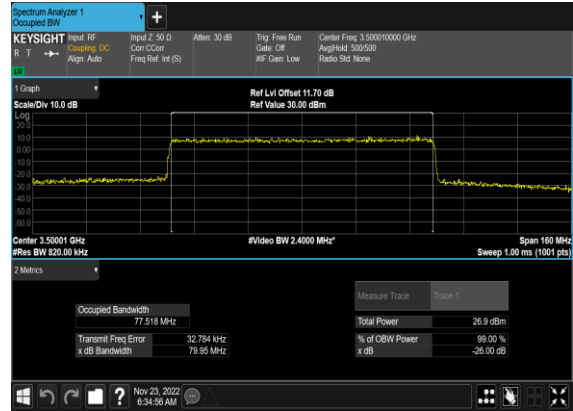
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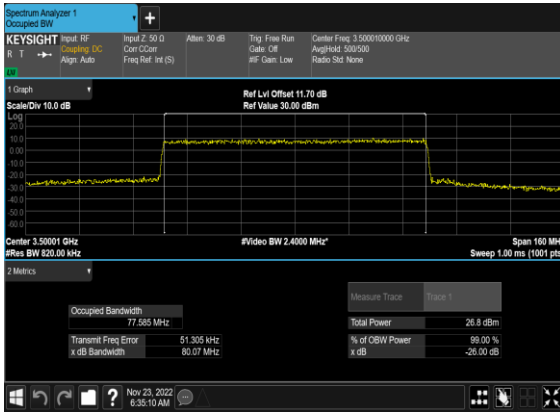
N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



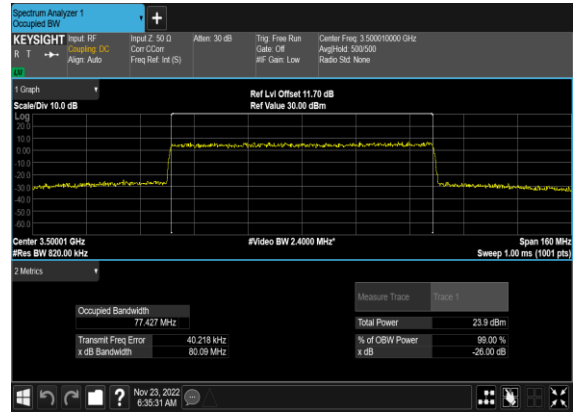
N77(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



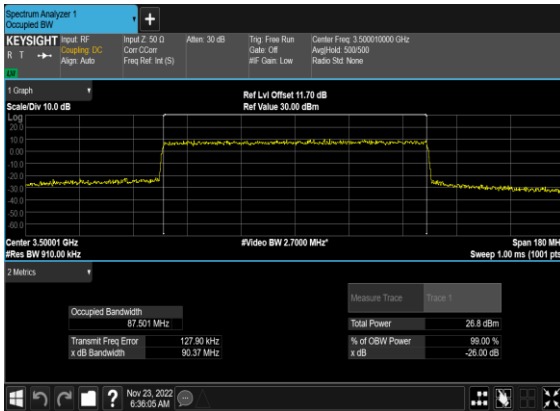
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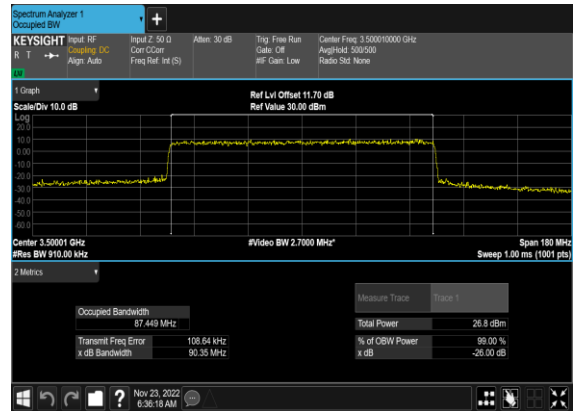
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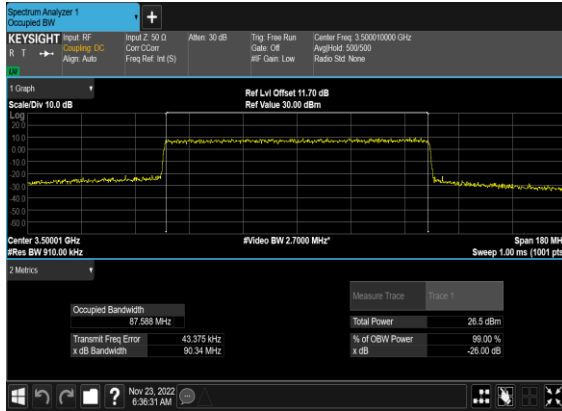
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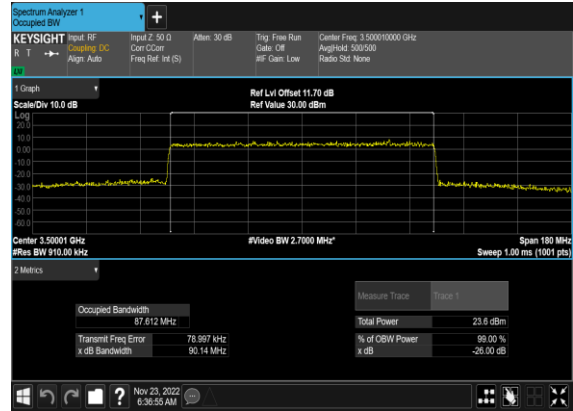
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N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



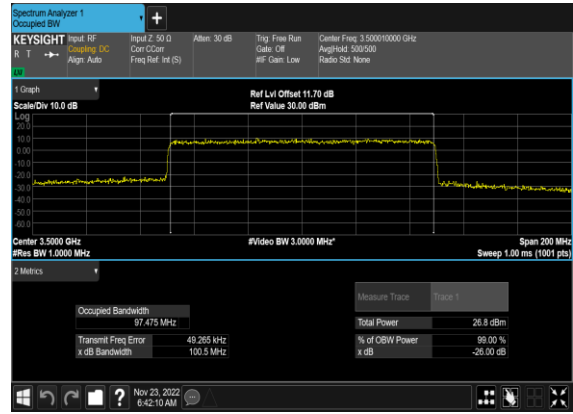
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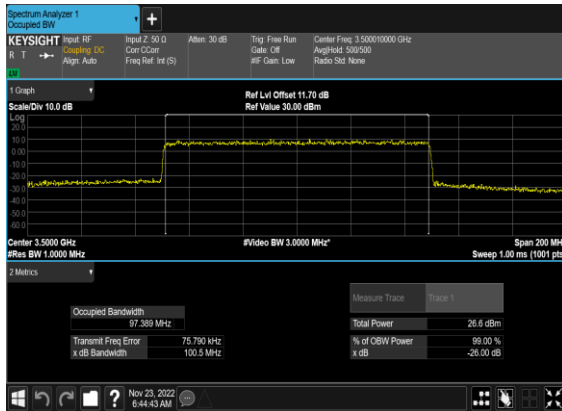
N77(100M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



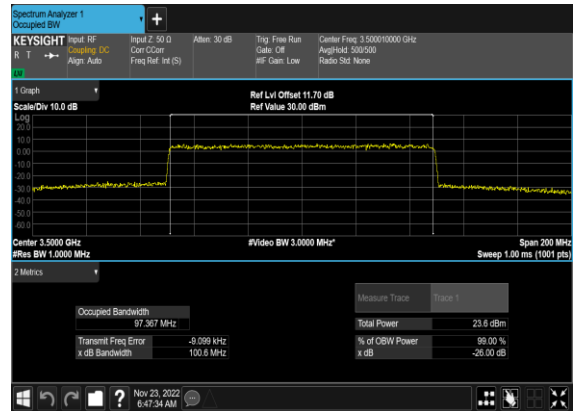
N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



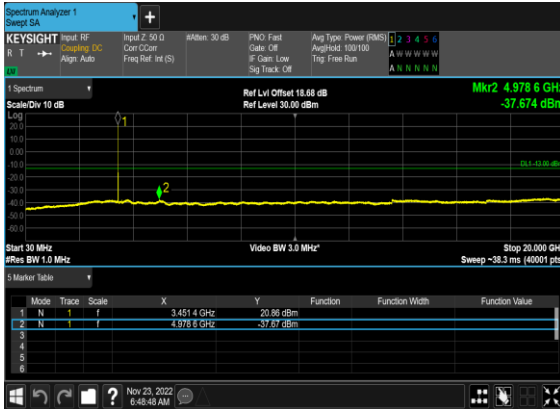
N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	630668	3460.02	CP-OFDM QPSK	1@0	see graph	---
77	30	20	630668	3460.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	630668	3460.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	30	20	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	636000	3540.0	CP-OFDM QPSK	1@0	see graph	---
77	30	20	636000	3540.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	636000	3540.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	CP-OFDM QPSK	1@0	see graph	---
77	30	60	632000	3480.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	30	60	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	634666	3519.99	CP-OFDM QPSK	1@0	see graph	---
77	30	60	634666	3519.99	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	634666	3519.99	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS

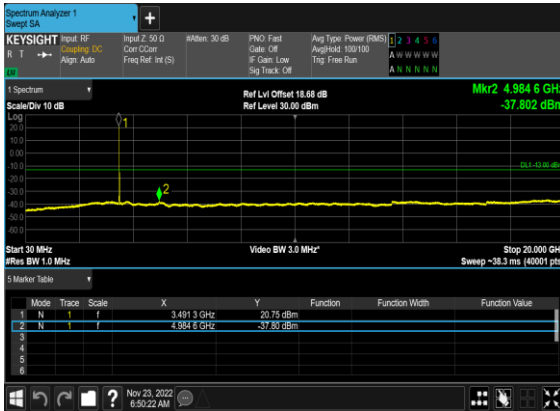
N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



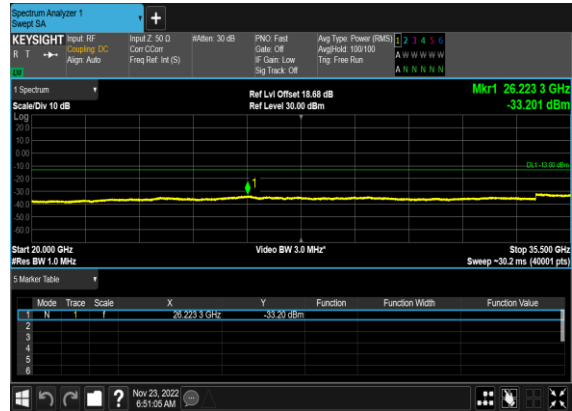
N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



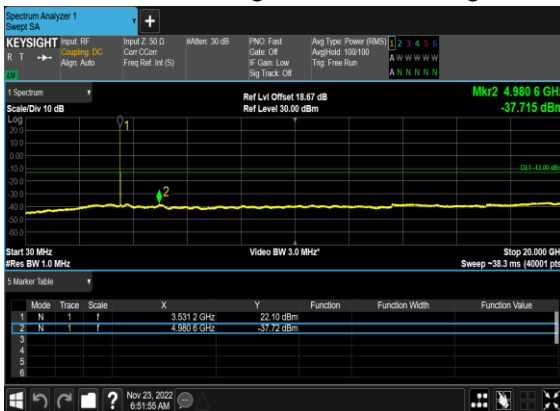
N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



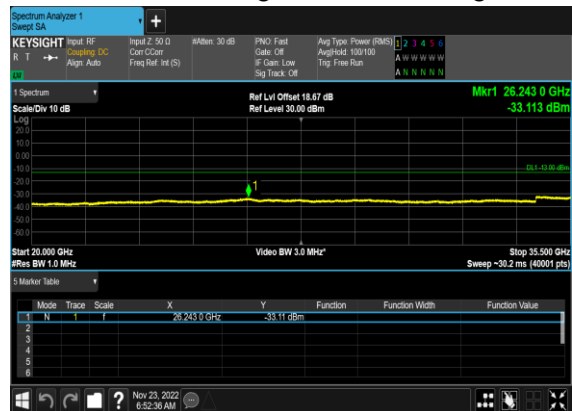
N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



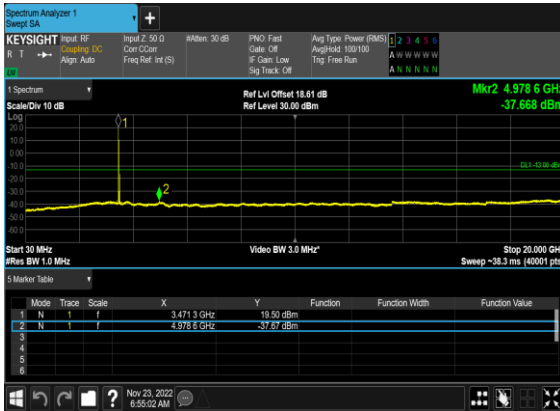
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



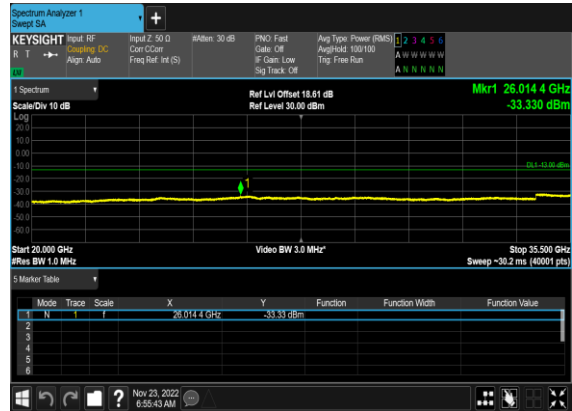
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



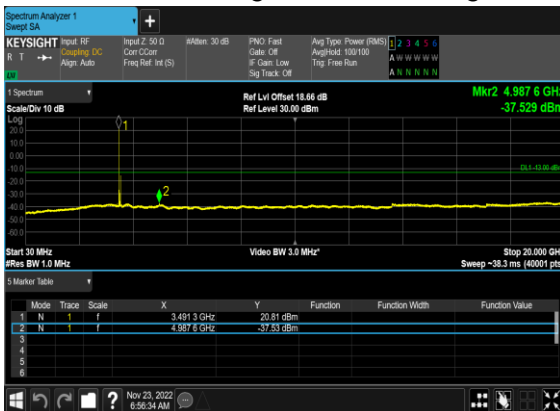
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



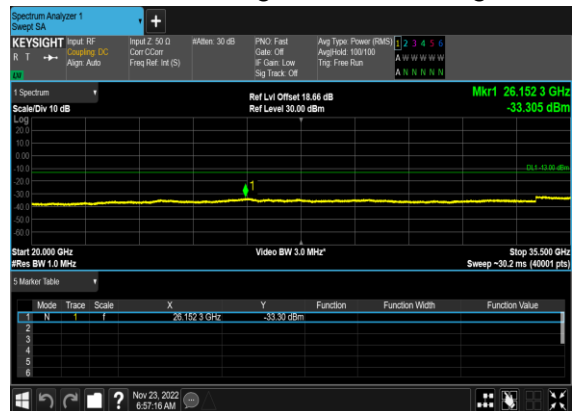
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



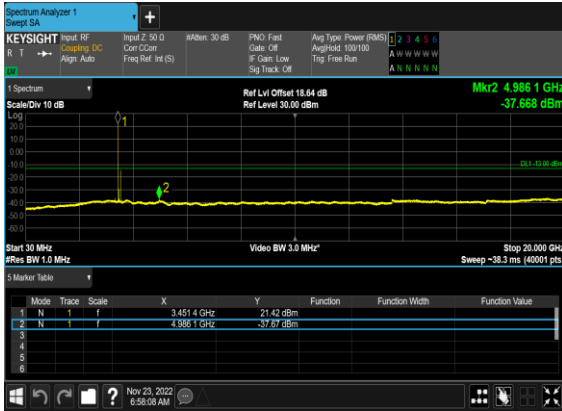
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



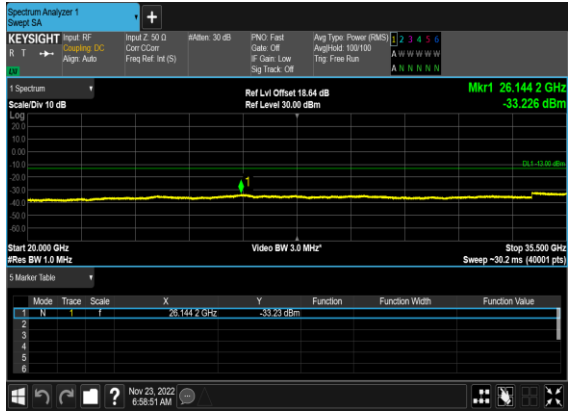
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



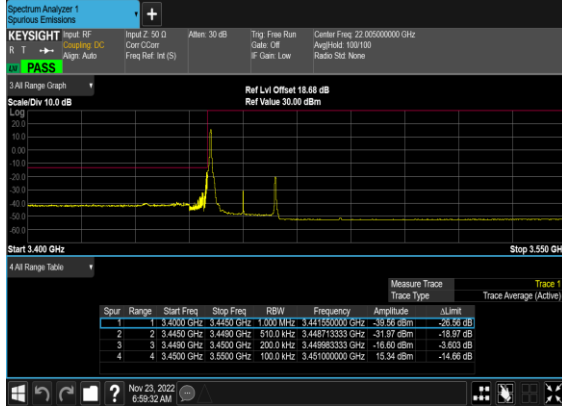
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



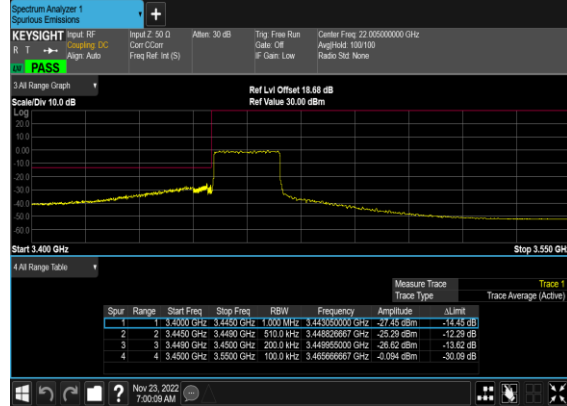
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	630668	3460.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	630668	3460.02	CP-OFDM QPSK	51@0	see graph	PASS
77	30	20	636000	3540.0	CP-OFDM QPSK	1@50	see graph	PASS
77	30	20	636000	3540.0	CP-OFDM QPSK	51@0	see graph	PASS
77	30	60	632000	3480.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	CP-OFDM QPSK	162@0	see graph	PASS
77	30	60	634666	3519.99	CP-OFDM QPSK	1@161	see graph	PASS
77	30	60	634666	3519.99	CP-OFDM QPSK	162@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	see graph	PASS

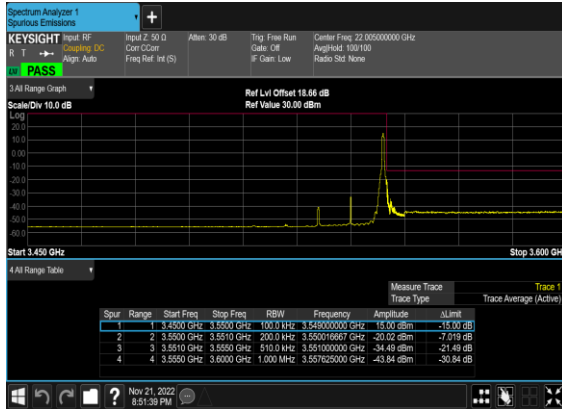
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



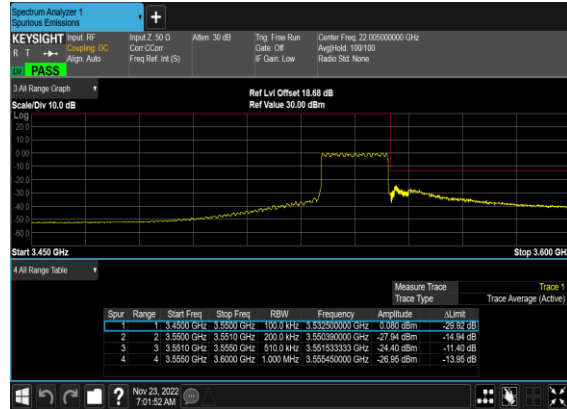
N77(20M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



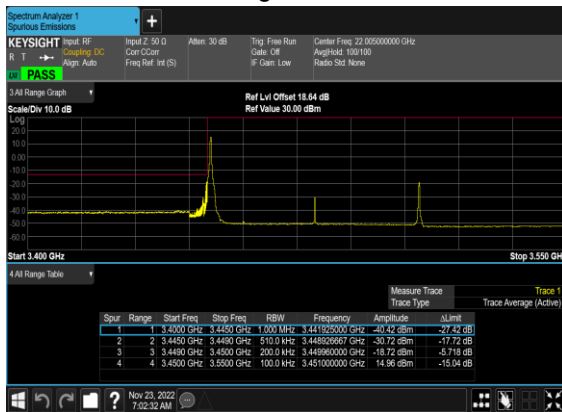
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



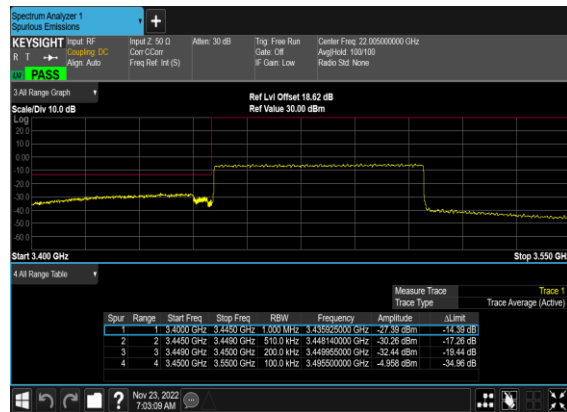
N77(20M)_CP-
OFDM_QPSK_Outer_Full_High_CH



N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



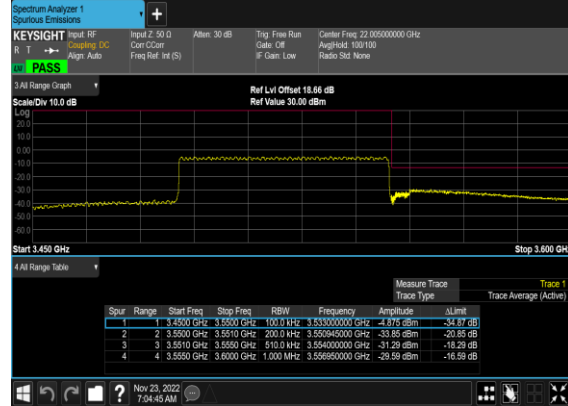
N77(60M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



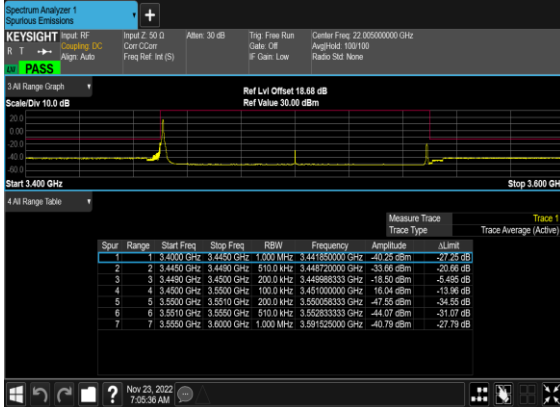
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



N77(60M)_CP- OFDM_QPSK_Outer_Full_High_CH



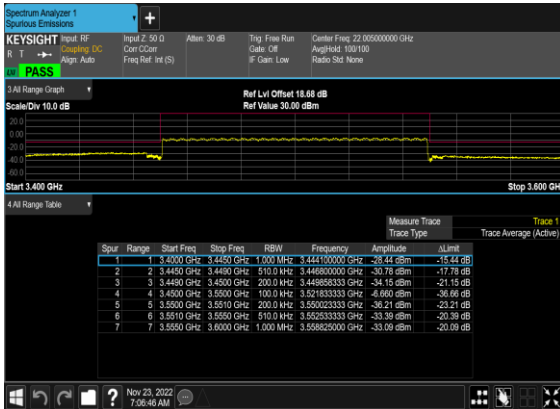
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_CP- OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



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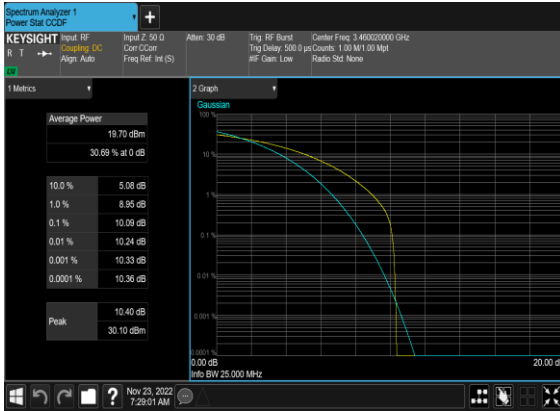
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0055	PASS	NV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0065	PASS	LV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0035	PASS	HV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0039	PASS	-30°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0068	PASS	-20°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0027	PASS	-10°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0026	PASS	0°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0023	PASS	10°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0055	PASS	20°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0047	PASS	30°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0058	PASS	40°C
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0035	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	630668	3460.02	CP-OFDM QPSK	51@0	10.09	13	PASS
77	30	20	630668	3460.02	CP-OFDM QPSK	1@0	10.67	13	PASS
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	10.25	13	PASS
77	30	20	633334	3500.01	CP-OFDM QPSK	1@0	9.85	13	PASS
77	30	20	636000	3540.0	CP-OFDM QPSK	51@0	9.95	13	PASS
77	30	20	636000	3540.0	CP-OFDM QPSK	1@0	9.53	13	PASS

N77(20M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



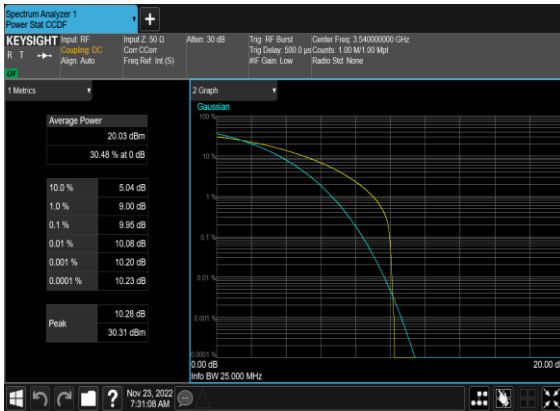
N77(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



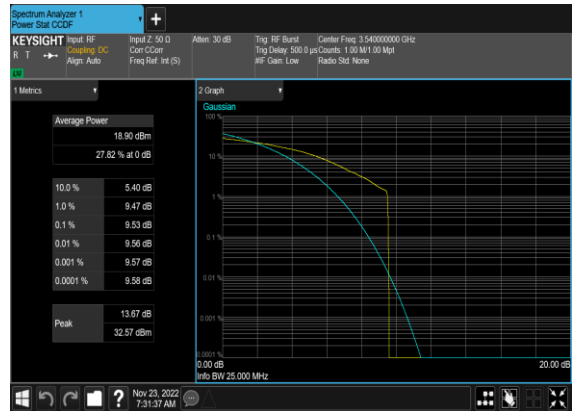
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(20M)_CP-
OFDM_QPSK_Outer_Full_High_CH



N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.167	19.31
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.255	19.42
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.208	19.32
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.231	19.34
77	30	30	633334	3500.01	CP-OFDM QPSK	77@0	27.813	29.04
77	30	30	633334	3500.01	CP-OFDM 16 QAM	77@0	27.868	29.14
77	30	30	633334	3500.01	CP-OFDM 64 QAM	77@0	27.81	29.07
77	30	30	633334	3500.01	CP-OFDM 256 QAM	77@0	27.815	29.21
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.831	39.46
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.808	39.61
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.802	39.3
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.74	39.39
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.397	49.3
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.444	49.08
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.362	49.36
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.467	49.23
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.83	59.87
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.822	59.81
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.762	59.84
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.761	59.91
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.398	69.74
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.342	69.67
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.512	69.7
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.526	69.63
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.471	80.0

77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.452	80.0
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.559	80.13
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.597	80.06
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.602	90.35
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.394	90.33
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.506	90.41
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.392	90.32
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.385	100.6
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.355	100.7
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.496	100.5
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.385	100.6