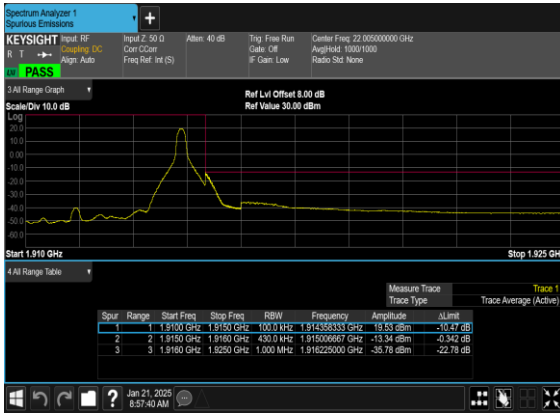
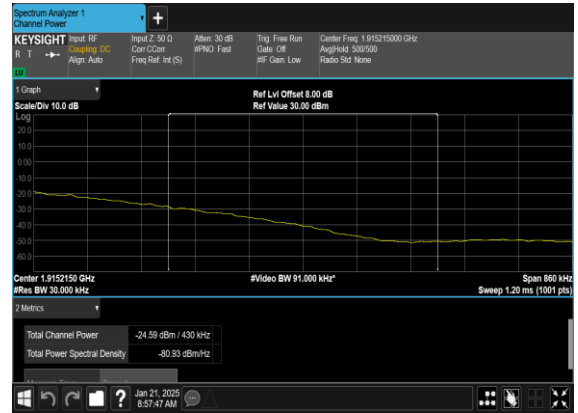




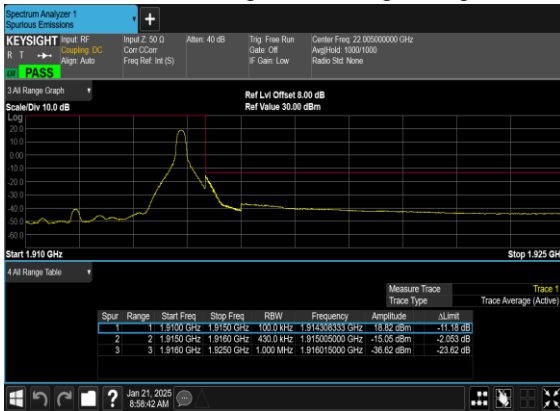
N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



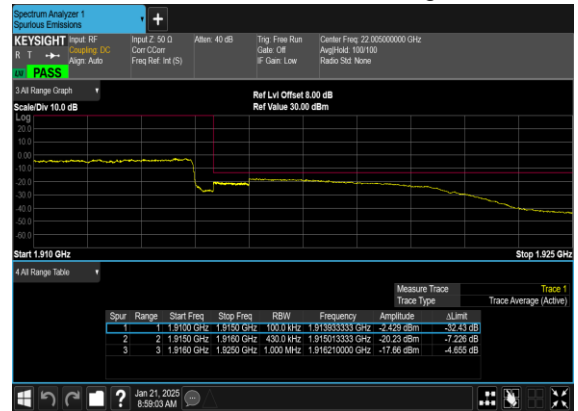
N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

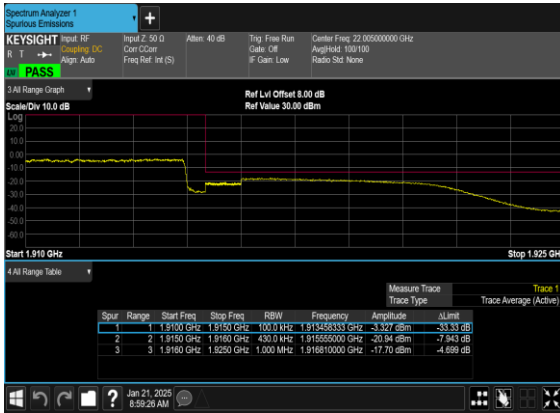


N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH





N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N25 ANT0 (Other PA)

LTE Band: 66, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power And EIRP, (G_T - L_c)=-2.37dB

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	12@6	23.17	20.8	0.1202
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@1	23.12	20.75	0.1189
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@23	23	20.63	0.1156
25	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	12@6	22.2	19.83	0.0962
25	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@1	22.37	20	0.1000
25	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@23	22.2	19.83	0.0962
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	12@6	23.07	20.7	0.1175
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.95	20.58	0.1143
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@23	22.97	20.6	0.1148
25	15	5	376500	1882.5	DFT-s-OFDM 16 QAM	12@6	22.08	19.71	0.0935
25	15	5	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.2	19.83	0.0962
25	15	5	376500	1882.5	DFT-s-OFDM 16 QAM	1@23	22.22	19.85	0.0966
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	12@6	23.25	20.88	0.1225
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@1	23.02	20.65	0.1161
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@23	23.19	20.82	0.1208
25	15	5	382500	1912.5	DFT-s-OFDM 16 QAM	12@6	22.3	19.93	0.0984
25	15	5	382500	1912.5	DFT-s-OFDM 16 QAM	1@1	22.28	19.91	0.0979
25	15	5	382500	1912.5	DFT-s-OFDM 16 QAM	1@23	22.47	20.1	0.1023
25	15	10	371000	1855	DFT-s-OFDM QPSK	25@12	23.06	20.69	0.1172
25	15	10	371000	1855	DFT-s-OFDM QPSK	1@1	23.15	20.78	0.1197
25	15	10	371000	1855	DFT-s-OFDM QPSK	1@50	23.02	20.65	0.1161
25	15	10	371000	1855	DFT-s-OFDM 16 QAM	25@12	22.15	19.78	0.0951
25	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@1	22.45	20.08	0.1019
25	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@50	22.23	19.86	0.0968
25	15	10	376500	1882.5	DFT-s-OFDM QPSK	25@12	22.98	20.61	0.1151
25	15	10	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.93	20.56	0.1138
25	15	10	376500	1882.5	DFT-s-OFDM QPSK	1@50	22.99	20.62	0.1153
25	15	10	376500	1882.5	DFT-s-OFDM 16 QAM	25@12	22.05	19.68	0.0929
25	15	10	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.14	19.77	0.0948
25	15	10	376500	1882.5	DFT-s-OFDM 16 QAM	1@50	22.25	19.88	0.0973
25	15	10	382000	1910	DFT-s-OFDM QPSK	25@12	23.12	20.75	0.1189
25	15	10	382000	1910	DFT-s-OFDM QPSK	1@1	23.05	20.68	0.1169
25	15	10	382000	1910	DFT-s-OFDM QPSK	1@50	23.24	20.87	0.1222



25	15	10	382000	1910	DFT-s-OFDM 16 QAM	25@12	22.17	19.8	0.0955
25	15	10	382000	1910	DFT-s-OFDM 16 QAM	1@1	22.28	19.91	0.0979
25	15	10	382000	1910	DFT-s-OFDM 16 QAM	1@50	22.51	20.14	0.1033
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	36@18	23.07	20.7	0.1175
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@1	23.16	20.79	0.1199
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@77	23.03	20.66	0.1164
25	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	36@18	22.18	19.81	0.0957
25	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@1	22.37	20	0.1000
25	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@77	22.22	19.85	0.0966
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	36@18	23.15	20.78	0.1197
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.11	20.74	0.1186
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	1@77	23.11	20.74	0.1186
25	15	15	376500	1882.5	DFT-s-OFDM 16 QAM	36@18	22.25	19.88	0.0973
25	15	15	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.45	20.08	0.1019
25	15	15	376500	1882.5	DFT-s-OFDM 16 QAM	1@77	22.3	19.93	0.0984
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	36@18	23.3	20.93	0.1239
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	1@1	23.26	20.89	0.1227
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	1@77	23.35	20.98	0.1253
25	15	15	381500	1907.5	DFT-s-OFDM 16 QAM	36@18	22.41	20.04	0.1009
25	15	15	381500	1907.5	DFT-s-OFDM 16 QAM	1@1	22.47	20.1	0.1023
25	15	15	381500	1907.5	DFT-s-OFDM 16 QAM	1@77	22.66	20.29	0.1069
25	15	20	372000	1860	DFT-s-OFDM QPSK	50@25	23.18	20.81	0.1205
25	15	20	372000	1860	DFT-s-OFDM QPSK	1@1	23.29	20.92	0.1236
25	15	20	372000	1860	DFT-s-OFDM QPSK	1@104	23.22	20.85	0.1216
25	15	20	372000	1860	DFT-s-OFDM 16 QAM	50@25	22.23	19.86	0.0968
25	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@1	22.47	20.1	0.1023
25	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@104	22.4	20.03	0.1007
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	50@25	23.18	20.81	0.1205
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.15	20.78	0.1197
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@104	23.08	20.71	0.1178
25	15	20	376500	1882.5	DFT-s-OFDM 16 QAM	50@25	22.23	19.86	0.0968
25	15	20	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.35	19.98	0.0995
25	15	20	376500	1882.5	DFT-s-OFDM 16 QAM	1@104	22.29	19.92	0.0982
25	15	20	381000	1905	DFT-s-OFDM QPSK	50@25	23.35	20.98	0.1253
25	15	20	381000	1905	DFT-s-OFDM QPSK	1@1	23.11	20.74	0.1186
25	15	20	381000	1905	DFT-s-OFDM QPSK	1@104	23.28	20.91	0.1233
25	15	20	381000	1905	DFT-s-OFDM 16 QAM	50@25	22.41	20.04	0.1009
25	15	20	381000	1905	DFT-s-OFDM 16 QAM	1@1	22.33	19.96	0.0991
25	15	20	381000	1905	DFT-s-OFDM 16 QAM	1@104	22.74	20.37	0.1089
25	15	25	372500	1862.5	DFT-s-OFDM QPSK	64@32	23.16	20.79	0.1199
25	15	25	372500	1862.5	DFT-s-OFDM QPSK	1@1	23.1	20.73	0.1183
25	15	25	372500	1862.5	DFT-s-OFDM QPSK	1@131	23.09	20.72	0.1180



25	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	64@32	22.16	19.79	0.0953
25	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	1@1	22.37	20	0.1000
25	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	1@131	22.31	19.94	0.0986
25	15	25	376500	1882.5	DFT-s-OFDM QPSK	64@32	23.19	20.82	0.1208
25	15	25	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.98	20.61	0.1151
25	15	25	376500	1882.5	DFT-s-OFDM QPSK	1@131	22.99	20.62	0.1153
25	15	25	376500	1882.5	DFT-s-OFDM 16 QAM	64@32	22.2	19.83	0.0962
25	15	25	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.19	19.82	0.0959
25	15	25	376500	1882.5	DFT-s-OFDM 16 QAM	1@131	22.22	19.85	0.0966
25	15	25	380500	1902.5	DFT-s-OFDM QPSK	64@32	23.26	20.89	0.1227
25	15	25	380500	1902.5	DFT-s-OFDM QPSK	1@1	22.92	20.55	0.1135
25	15	25	380500	1902.5	DFT-s-OFDM QPSK	1@131	23.28	20.91	0.1233
25	15	25	380500	1902.5	DFT-s-OFDM 16 QAM	64@32	22.29	19.92	0.0982
25	15	25	380500	1902.5	DFT-s-OFDM 16 QAM	1@1	22.15	19.78	0.0951
25	15	25	380500	1902.5	DFT-s-OFDM 16 QAM	1@131	22.56	20.19	0.1045
25	15	30	373000	1865	DFT-s-OFDM QPSK	80@40	23.16	20.79	0.1199
25	15	30	373000	1865	DFT-s-OFDM QPSK	1@1	23.19	20.82	0.1208
25	15	30	373000	1865	DFT-s-OFDM QPSK	1@158	23.18	20.81	0.1205
25	15	30	373000	1865	DFT-s-OFDM 16 QAM	80@40	22.21	19.84	0.0964
25	15	30	373000	1865	DFT-s-OFDM 16 QAM	1@1	22.38	20.01	0.1002
25	15	30	373000	1865	DFT-s-OFDM 16 QAM	1@158	22.43	20.06	0.1014
25	15	30	376500	1882.5	DFT-s-OFDM QPSK	80@40	23.17	20.8	0.1202
25	15	30	376500	1882.5	DFT-s-OFDM QPSK	1@1	23	20.63	0.1156
25	15	30	376500	1882.5	DFT-s-OFDM QPSK	1@158	23.11	20.74	0.1186
25	15	30	376500	1882.5	DFT-s-OFDM 16 QAM	80@40	22.22	19.85	0.0966
25	15	30	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.22	19.85	0.0966
25	15	30	376500	1882.5	DFT-s-OFDM 16 QAM	1@158	22.32	19.95	0.0989
25	15	30	380000	1900	DFT-s-OFDM QPSK	80@40	23.21	20.84	0.1213
25	15	30	380000	1900	DFT-s-OFDM QPSK	1@1	23.07	20.7	0.1175
25	15	30	380000	1900	DFT-s-OFDM QPSK	1@158	23.38	21.01	0.1262
25	15	30	380000	1900	DFT-s-OFDM 16 QAM	80@40	22.27	19.9	0.0977
25	15	30	380000	1900	DFT-s-OFDM 16 QAM	1@1	22.33	19.96	0.0991
25	15	30	380000	1900	DFT-s-OFDM 16 QAM	1@158	22.63	20.26	0.1062
25	15	35	373500	1867.5	DFT-s-OFDM QPSK	90@45	23.15	20.78	0.1197
25	15	35	373500	1867.5	DFT-s-OFDM QPSK	1@1	23.13	20.76	0.1191
25	15	35	373500	1867.5	DFT-s-OFDM QPSK	1@186	23.16	20.79	0.1199
25	15	35	373500	1867.5	DFT-s-OFDM 16 QAM	90@45	22.24	19.87	0.0971
25	15	35	373500	1867.5	DFT-s-OFDM 16 QAM	1@1	22.36	19.99	0.0998
25	15	35	373500	1867.5	DFT-s-OFDM 16 QAM	1@186	22.4	20.03	0.1007
25	15	35	376500	1882.5	DFT-s-OFDM QPSK	90@45	23.15	20.78	0.1197
25	15	35	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.94	20.57	0.1140
25	15	35	376500	1882.5	DFT-s-OFDM QPSK	1@186	23.14	20.77	0.1194



25	15	35	376500	1882.5	DFT-s-OFDM 16 QAM	90@45	22.24	19.87	0.0971
25	15	35	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.19	19.82	0.0959
25	15	35	376500	1882.5	DFT-s-OFDM 16 QAM	1@186	22.35	19.98	0.0995
25	15	35	379500	1897.5	DFT-s-OFDM QPSK	90@45	23.19	20.82	0.1208
25	15	35	379500	1897.5	DFT-s-OFDM QPSK	1@1	23.03	20.66	0.1164
25	15	35	379500	1897.5	DFT-s-OFDM QPSK	1@186	23.34	20.97	0.1250
25	15	35	379500	1897.5	DFT-s-OFDM 16 QAM	90@45	22.28	19.91	0.0979
25	15	35	379500	1897.5	DFT-s-OFDM 16 QAM	1@1	22.27	19.9	0.0977
25	15	35	379500	1897.5	DFT-s-OFDM 16 QAM	1@186	22.63	20.26	0.1062
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	108@54	23.14	20.77	0.1194
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@1	23.19	20.82	0.1208
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@214	23.18	20.81	0.1205
25	15	40	374000	1870	DFT-s-OFDM QPSK	108@54	23.17	20.8	0.1202
25	15	40	374000	1870	DFT-s-OFDM QPSK	1@1	23.12	20.75	0.1189
25	15	40	374000	1870	DFT-s-OFDM QPSK	1@214	23.12	20.75	0.1189
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	108@54	22.25	19.88	0.0973
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@1	22.33	19.96	0.0991
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@214	22.35	19.98	0.0995
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	108@54	20.74	18.37	0.0687
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	1@1	20.8	18.43	0.0697
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	1@214	20.85	18.48	0.0705
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	108@54	18.76	16.39	0.0436
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	1@1	18.74	16.37	0.0434
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	1@214	18.73	16.36	0.0433
25	15	40	374000	1870	CP-OFDM QPSK	108@54	21.71	19.34	0.0859
25	15	40	374000	1870	CP-OFDM QPSK	1@1	21.6	19.23	0.0838
25	15	40	374000	1870	CP-OFDM QPSK	1@214	21.7	19.33	0.0857
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	108@54	23.17	20.8	0.1202
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23	20.63	0.1156
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@214	23.27	20.9	0.1230
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	108@54	23.16	20.79	0.1199
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.98	20.61	0.1151
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@214	23.25	20.88	0.1225
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	108@54	22.22	19.85	0.0966
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.17	19.8	0.0955
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	1@214	22.44	20.07	0.1016
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	108@54	20.72	18.35	0.0684
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	1@1	20.67	18.3	0.0676
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	1@214	20.85	18.48	0.0705
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	108@54	18.73	16.36	0.0433
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	1@1	18.58	16.21	0.0418
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	1@214	18.84	16.47	0.0444



25	15	40	376500	1882.5	CP-OFDM QPSK	108@54	21.71	19.34	0.0859
25	15	40	376500	1882.5	CP-OFDM QPSK	1@1	21.42	19.05	0.0804
25	15	40	376500	1882.5	CP-OFDM QPSK	1@214	21.8	19.43	0.0877
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	108@54	23.22	20.85	0.1216
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	1@1	23.13	20.76	0.1191
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	1@214	23.41	21.04	0.1271
25	15	40	379000	1895	DFT-s-OFDM QPSK	108@54	23.23	20.86	0.1219
25	15	40	379000	1895	DFT-s-OFDM QPSK	1@1	23.07	20.7	0.1175
25	15	40	379000	1895	DFT-s-OFDM QPSK	1@214	23.4	21.03	0.1268
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	108@54	22.29	19.92	0.0982
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	1@1	22.31	19.94	0.0986
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	1@214	22.67	20.3	0.1072
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	108@54	20.81	18.44	0.0698
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	1@1	20.78	18.41	0.0693
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	1@214	21.1	18.73	0.0746
25	15	40	379000	1895	DFT-s-OFDM 256 QAM	108@54	18.8	16.43	0.0440
25	15	40	379000	1895	DFT-s-OFDM 256 QAM	1@1	18.64	16.27	0.0424
25	15	40	379000	1895	DFT-s-OFDM 256 QAM	1@214	19	16.63	0.0460
25	15	40	379000	1895	CP-OFDM QPSK	108@54	21.79	19.42	0.0875
25	15	40	379000	1895	CP-OFDM QPSK	1@1	21.5	19.13	0.0818
25	15	40	379000	1895	CP-OFDM QPSK	1@214	21.96	19.59	0.0910



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	18.1	PASS	NV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	13.3	PASS	LV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	14.7	PASS	HV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	16.6	PASS	-30°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	15.7	PASS	-20°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	13.1	PASS	-10°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	13.5	PASS	0°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	18.6	PASS	10°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	13.7	PASS	20°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	11.2	PASS	30°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	11.7	PASS	40°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	17.5	PASS	50°C

|MAX(Δf)| = 18.6 Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	1850.489481	$\geq 1850 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	1913.391619	$\leq 1915 \text{ MHz}$	



Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
25	15	20	376500	1882.5	DFT-s-OFDM PI/2 BPSK	100@0	4.11	13	PASS
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	5.12	13	PASS

B66_N25(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



B66_N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH





Occupied Bandwidth

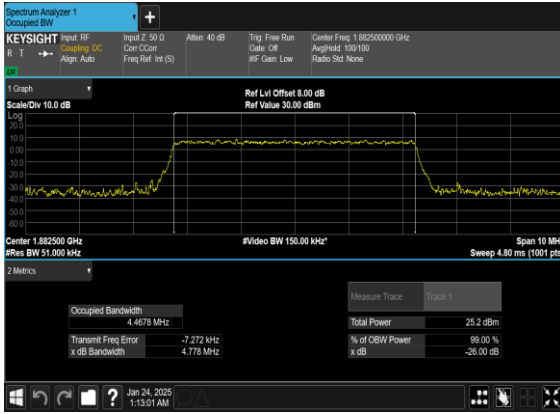
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
25	15	5	376500	1882.5	CP-OFDM QPSK	25@0	4.4678	4.778
25	15	5	376500	1882.5	CP-OFDM 16 QAM	25@0	4.462	4.82
25	15	5	376500	1882.5	CP-OFDM 64 QAM	25@0	4.4666	4.799
25	15	5	376500	1882.5	CP-OFDM 256 QAM	25@0	4.4651	4.791
25	15	10	376500	1882.5	CP-OFDM QPSK	52@0	9.2636	9.723
25	15	10	376500	1882.5	CP-OFDM 16 QAM	52@0	9.2967	9.751
25	15	10	376500	1882.5	CP-OFDM 64 QAM	52@0	9.2769	9.681
25	15	10	376500	1882.5	CP-OFDM 256 QAM	52@0	9.2727	9.744
25	15	15	376500	1882.5	CP-OFDM QPSK	79@0	14.071	14.7
25	15	15	376500	1882.5	CP-OFDM 16 QAM	79@0	14.094	14.66
25	15	15	376500	1882.5	CP-OFDM 64 QAM	79@0	14.092	14.66
25	15	15	376500	1882.5	CP-OFDM 256 QAM	79@0	14.092	14.74
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	18.847	19.69
25	15	20	376500	1882.5	CP-OFDM 16 QAM	106@0	18.866	19.79
25	15	20	376500	1882.5	CP-OFDM 64 QAM	106@0	18.928	19.64
25	15	20	376500	1882.5	CP-OFDM 256 QAM	106@0	18.869	19.64
25	15	25	376500	1882.5	CP-OFDM QPSK	133@0	23.742	24.68
25	15	25	376500	1882.5	CP-OFDM 16 QAM	133@0	23.78	24.68
25	15	25	376500	1882.5	CP-OFDM 64 QAM	133@0	23.749	24.64
25	15	25	376500	1882.5	CP-OFDM 256 QAM	133@0	23.714	24.66
25	15	30	376500	1882.5	CP-OFDM QPSK	160@0	28.565	29.71
25	15	30	376500	1882.5	CP-OFDM 16 QAM	160@0	28.552	29.64



25	15	30	376500	1882.5	CP-OFDM 64 QAM	160@0	28.514	29.53
25	15	30	376500	1882.5	CP-OFDM 256 QAM	160@0	28.514	29.6
25	15	35	376500	1882.5	CP-OFDM QPSK	188@0	33.633	34.73
25	15	35	376500	1882.5	CP-OFDM 16 QAM	188@0	33.564	34.76
25	15	35	376500	1882.5	CP-OFDM 64 QAM	188@0	33.647	34.84
25	15	35	376500	1882.5	CP-OFDM 256 QAM	188@0	33.53	34.81
25	15	40	376500	1882.5	CP-OFDM QPSK	216@0	38.632	39.96
25	15	40	376500	1882.5	CP-OFDM 16 QAM	216@0	38.611	39.9
25	15	40	376500	1882.5	CP-OFDM 64 QAM	216@0	38.653	39.88
25	15	40	376500	1882.5	CP-OFDM 256 QAM	216@0	38.672	39.95



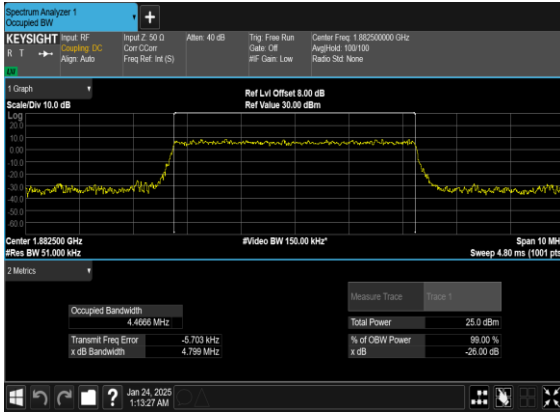
B66_N25(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



B66_N25(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B66_N25(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

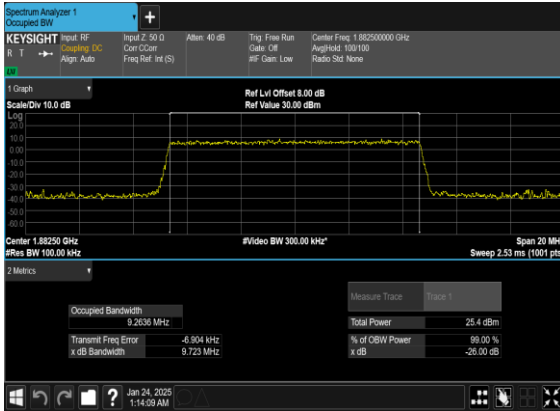


B66_N25(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

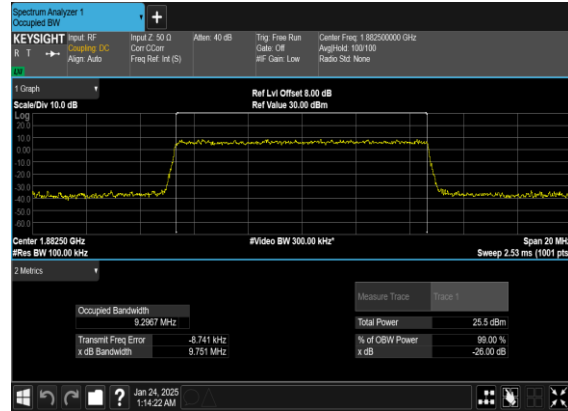




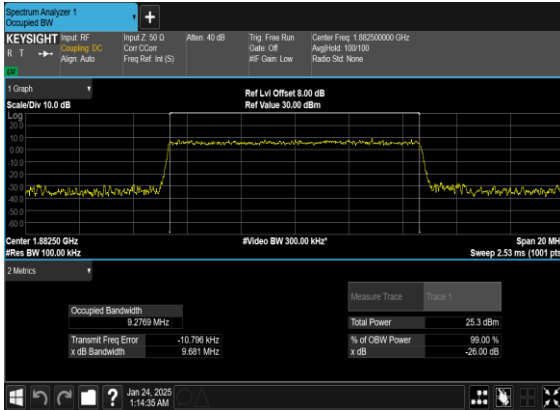
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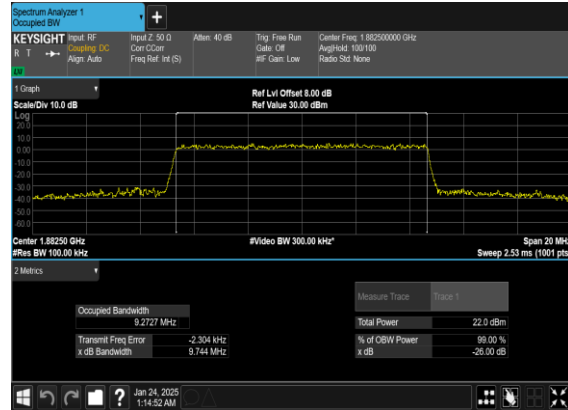
B66_N25(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B66_N25(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

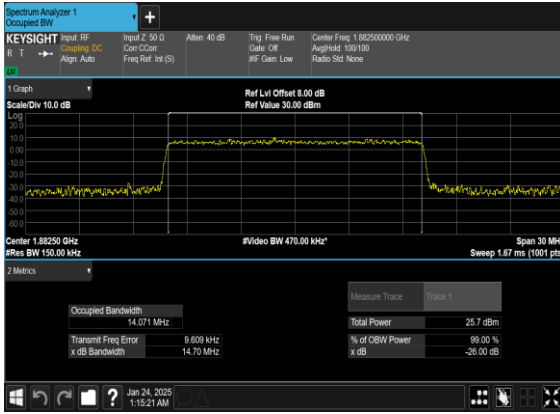


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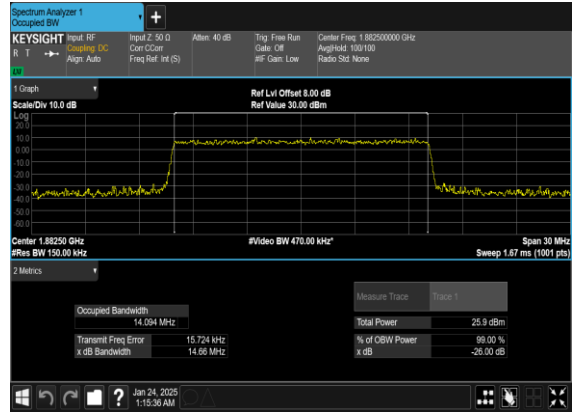




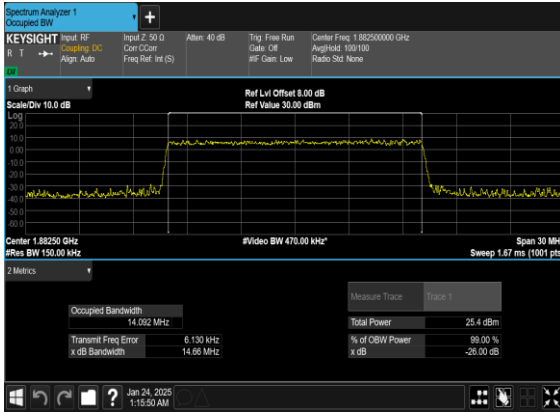
B66_N25(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



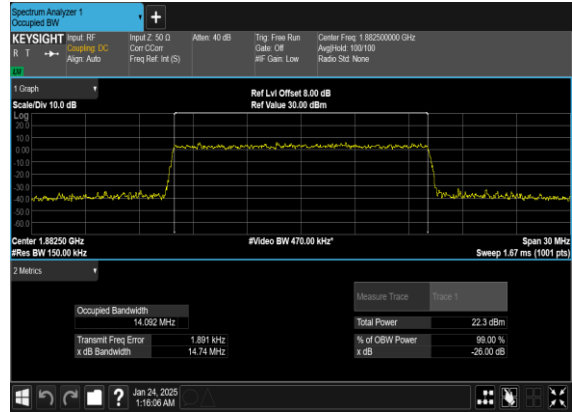
B66_N25(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B66_N25(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

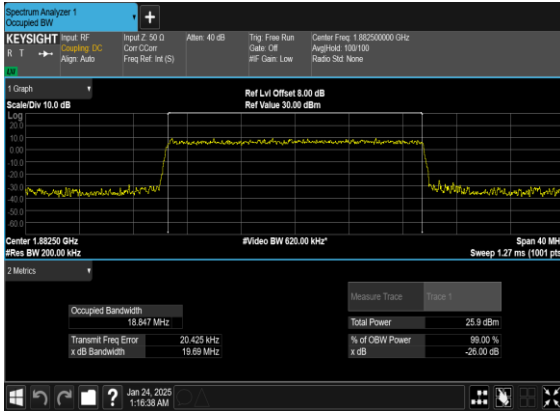


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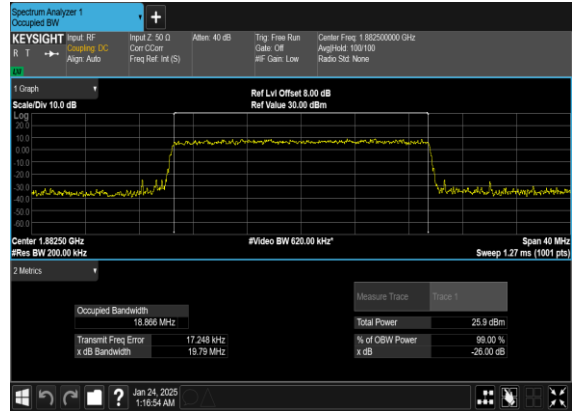




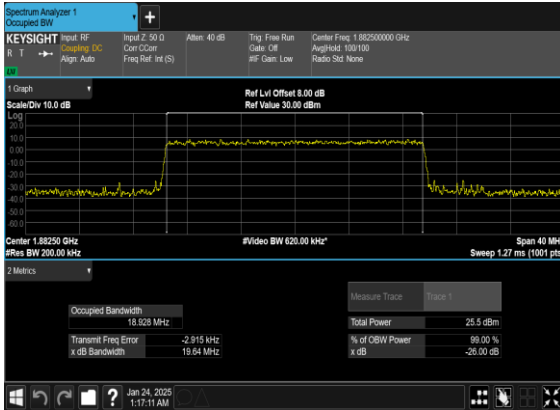
B66_N25(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



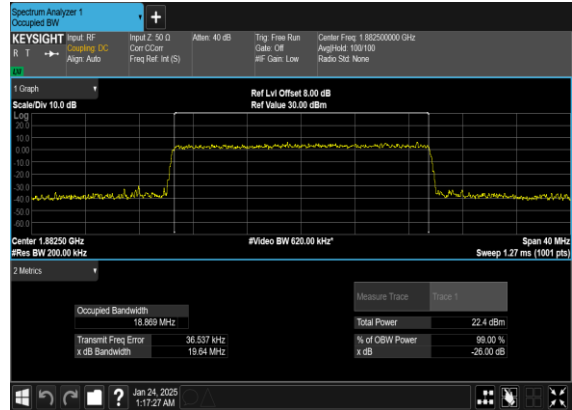
B66_N25(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B66_N25(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



B66_N25(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

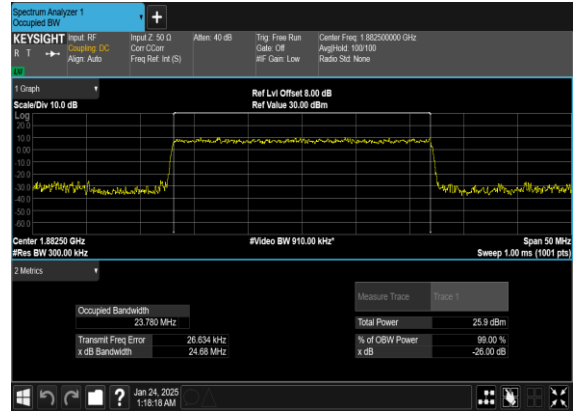




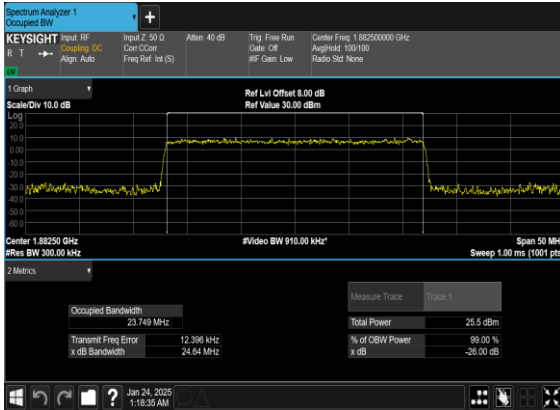
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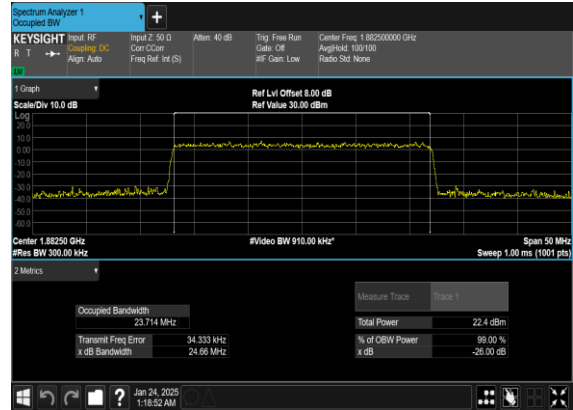
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B66_N25(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

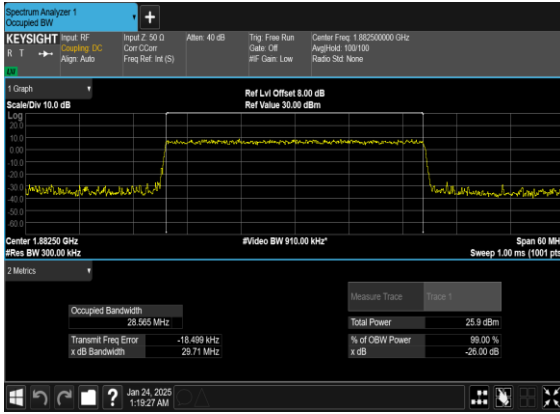


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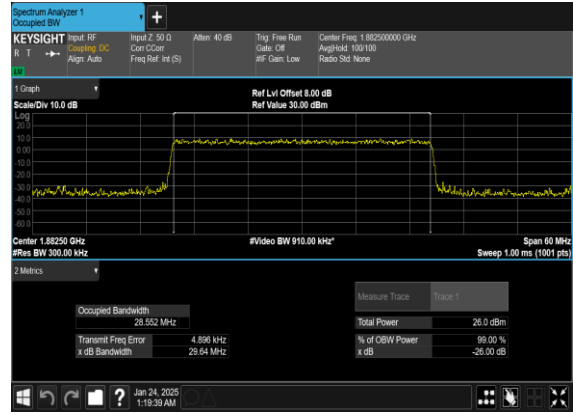




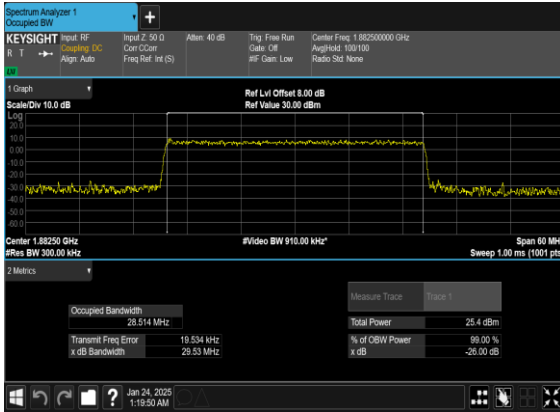
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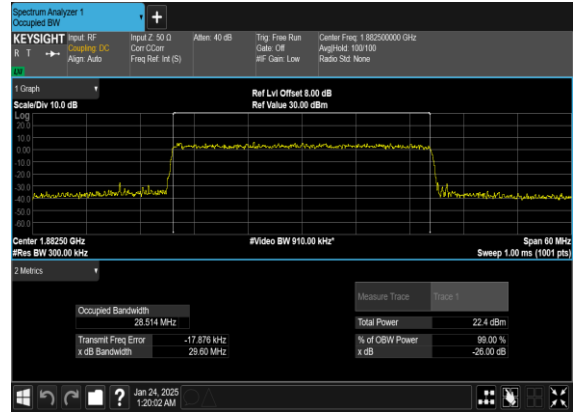
B66_N25(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B66_N25(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

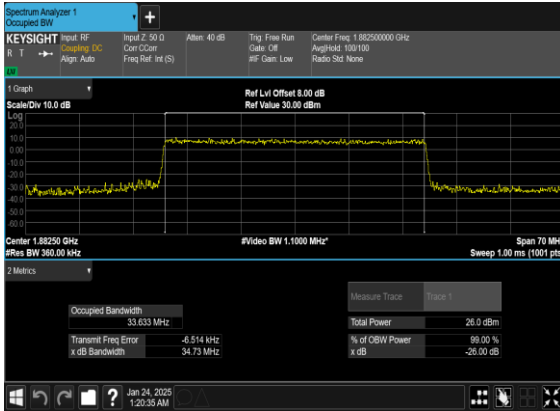


B66_N25(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





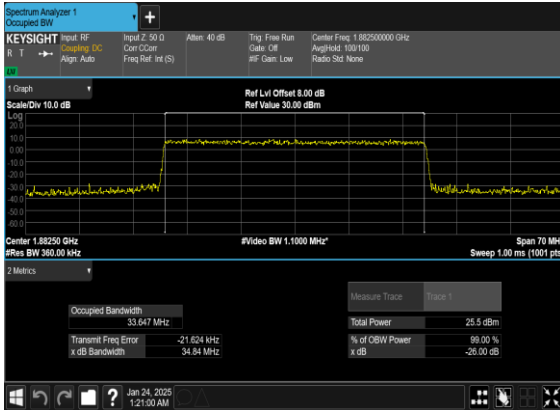
B66_N25(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



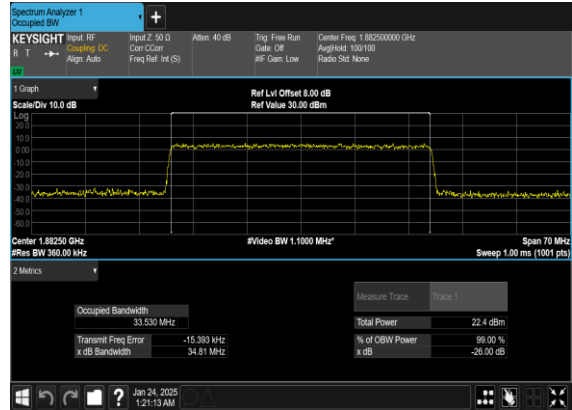
B66_N25(35M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B66_N25(35M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

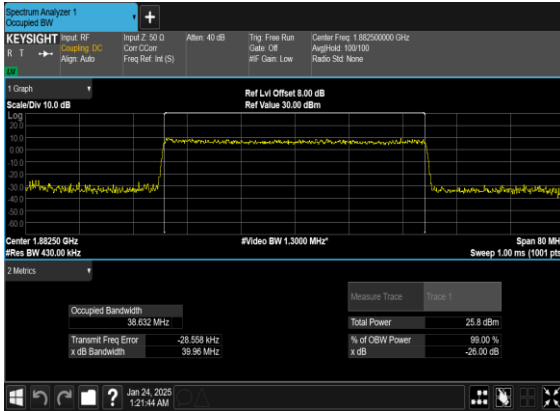


B66_N25(35M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

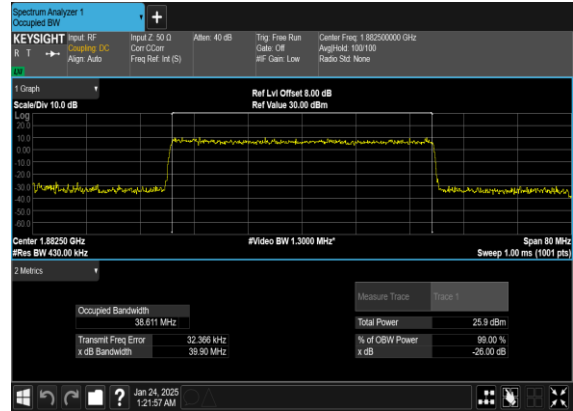




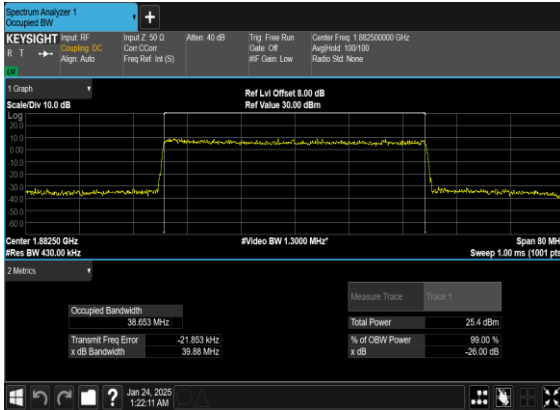
B66_N25(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



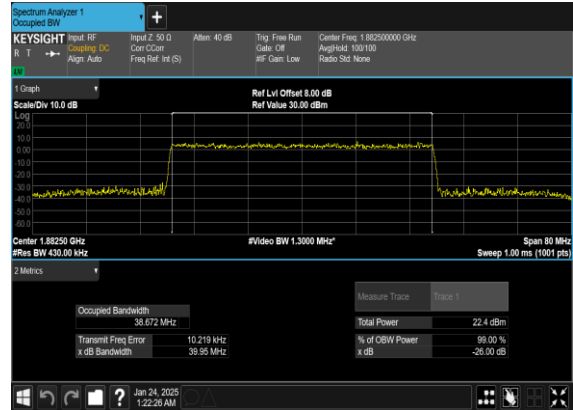
B66_N25(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B66_N25(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



B66_N25(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

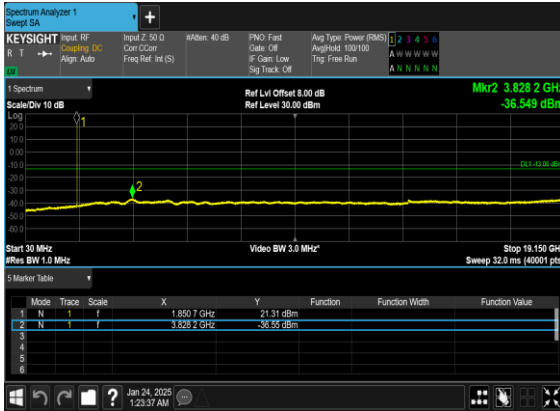
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS



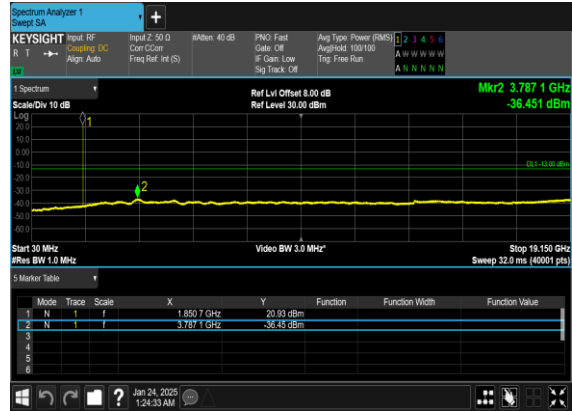
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	40	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



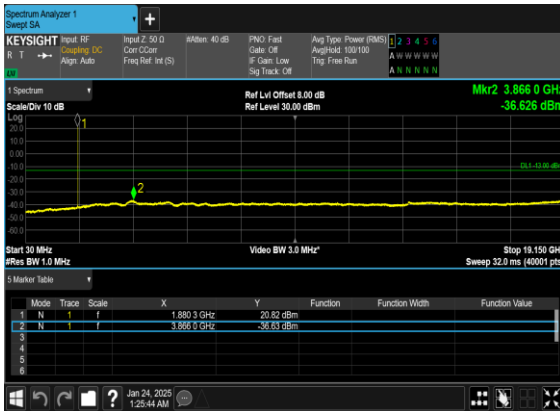
B66_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



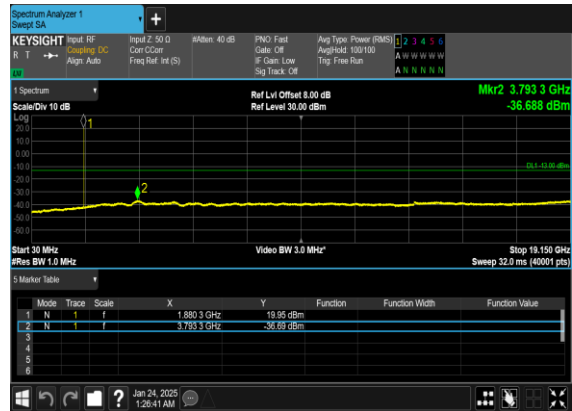
B66_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B66_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

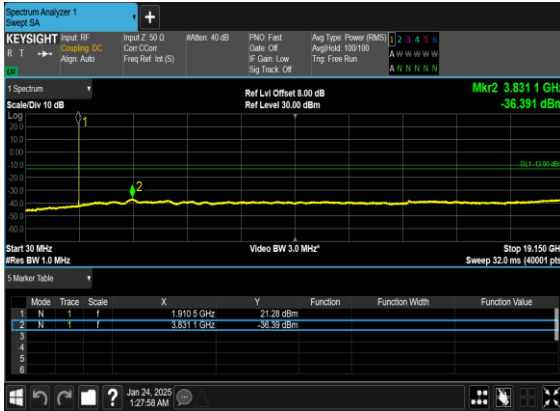


B66_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

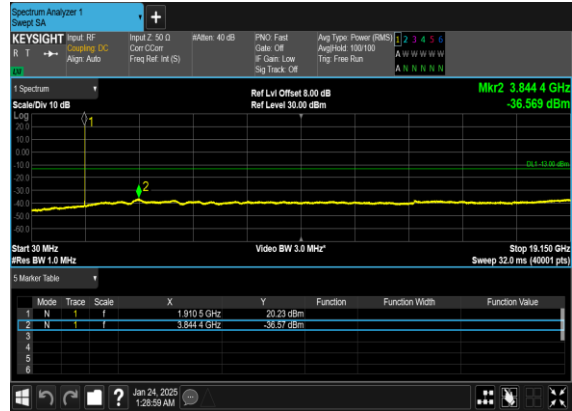




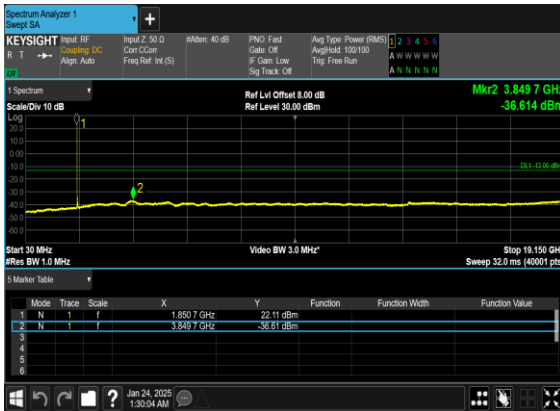
B66_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B66_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B66_N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

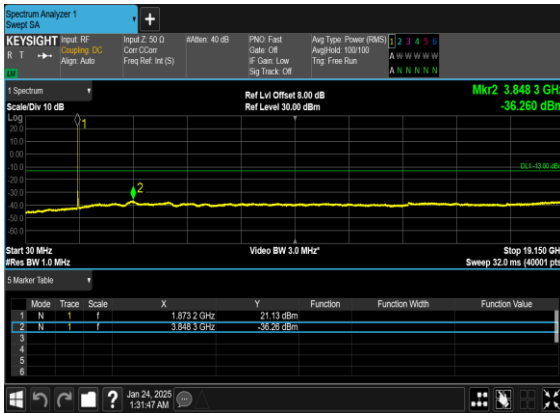


B66_N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

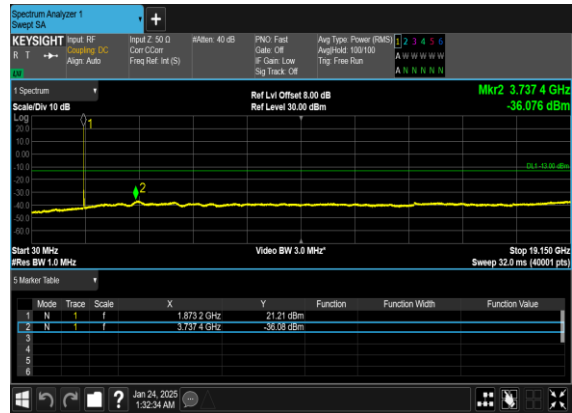




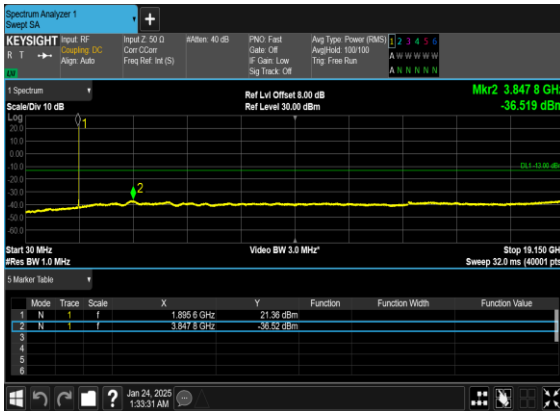
B66_N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B66_N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B66_N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B66_N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

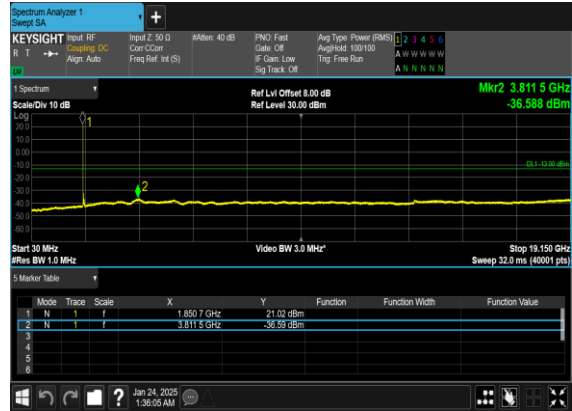




B66_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B66_N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B66_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B66_N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH





B66_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B66_N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



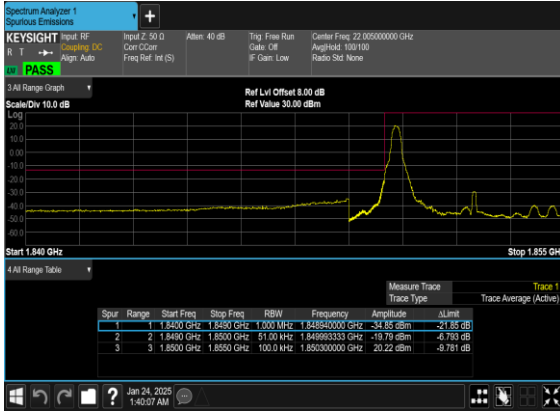


Conducted Band Edge

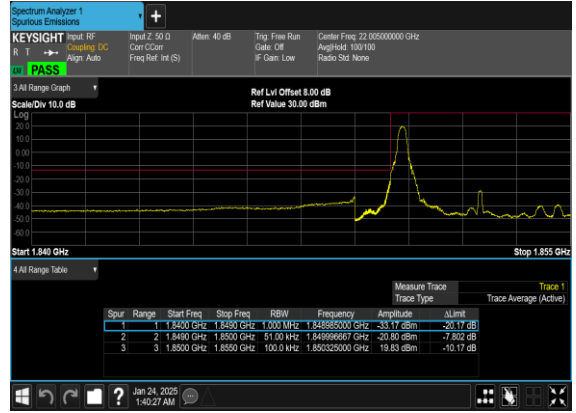
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	216@0	see graph	PASS



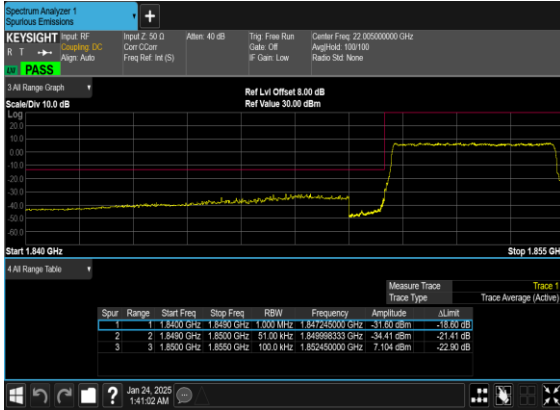
B66_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



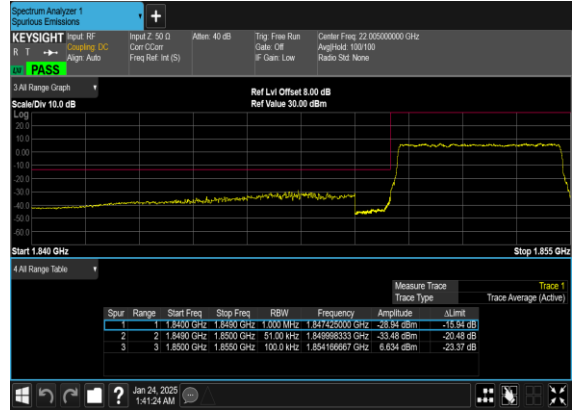
B66_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B66_N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

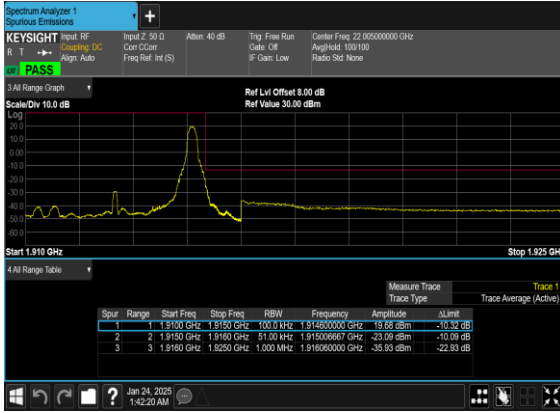


B66_N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

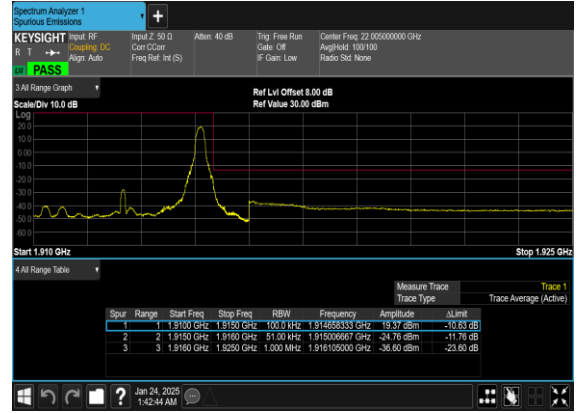




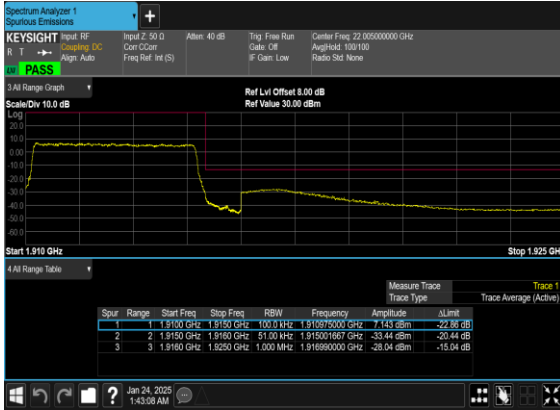
B66_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



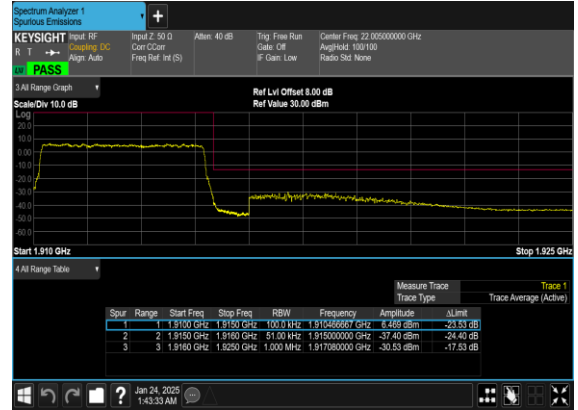
B66_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B66_N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

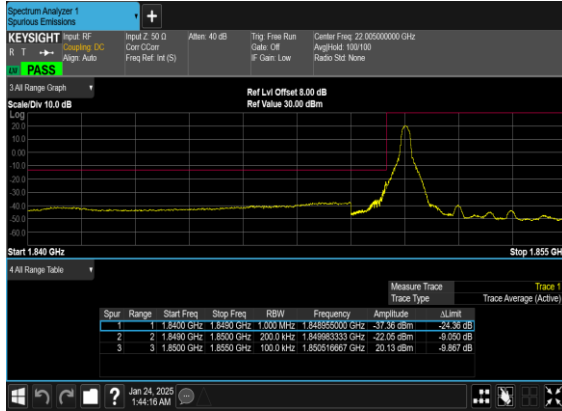


B66_N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

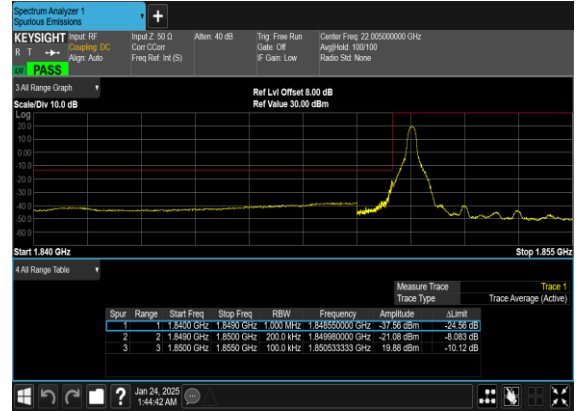




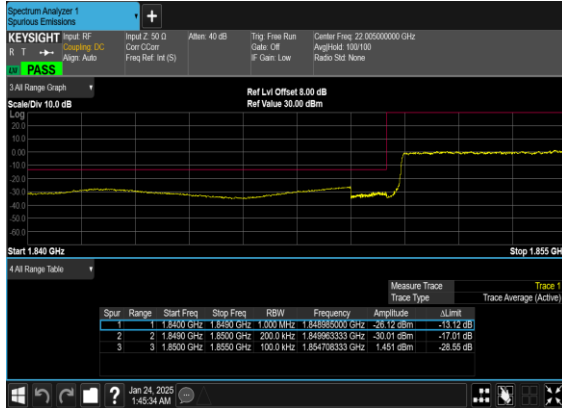
B66_N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



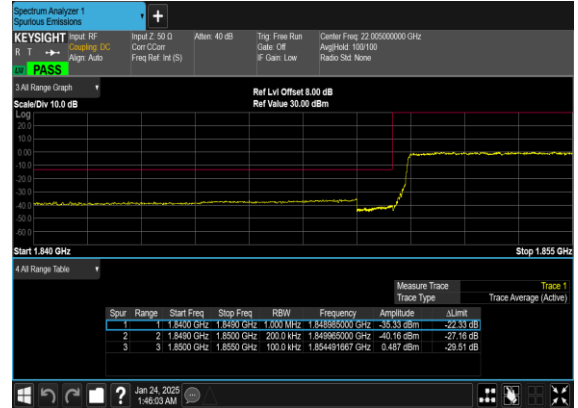
B66_N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B66_N25(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

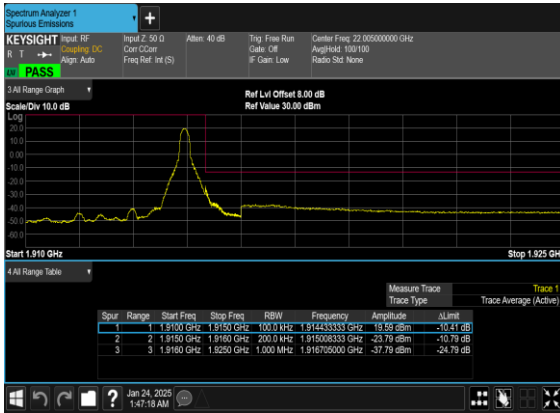


B66_N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

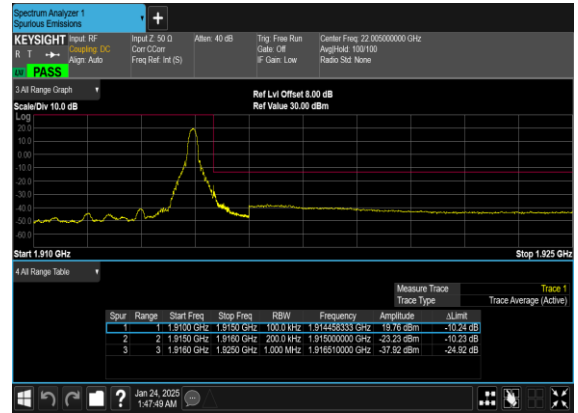




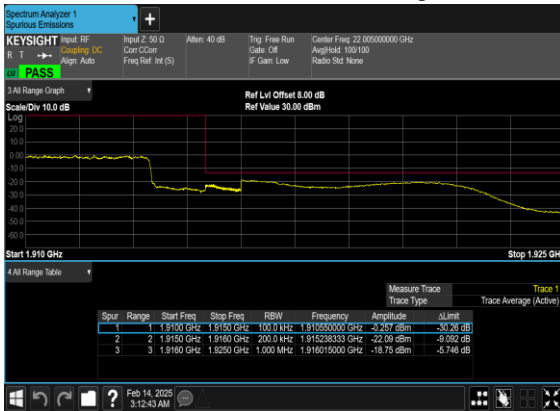
B66_N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



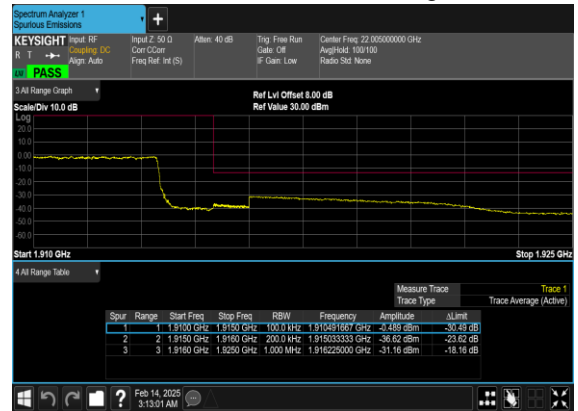
B66_N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B66_N25(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

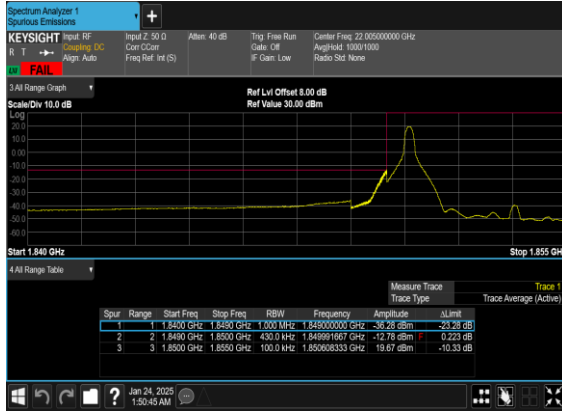


B66_N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

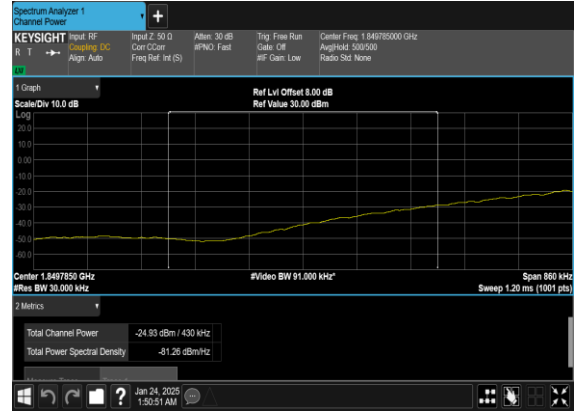




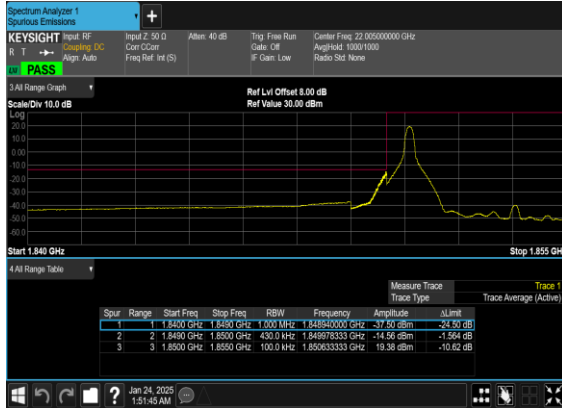
B66_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B66_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS

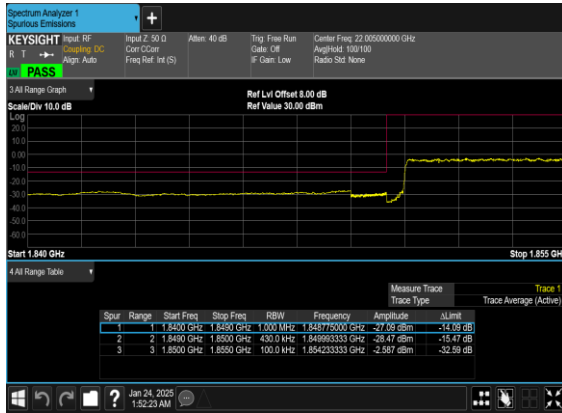


B66_N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH





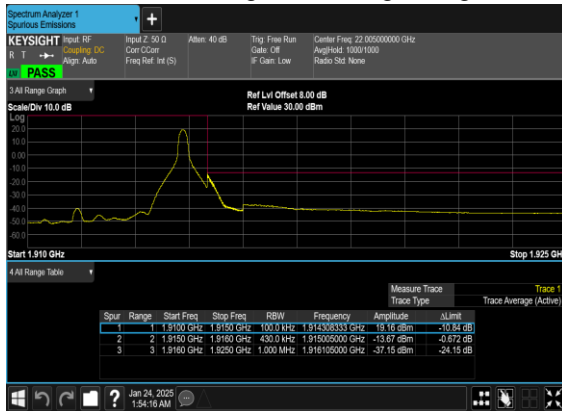
B66_N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



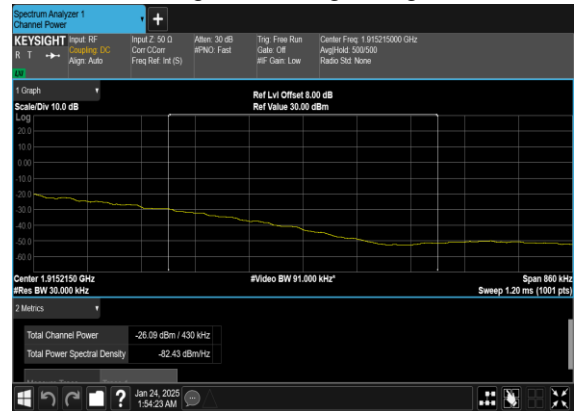
B66_N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B66_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

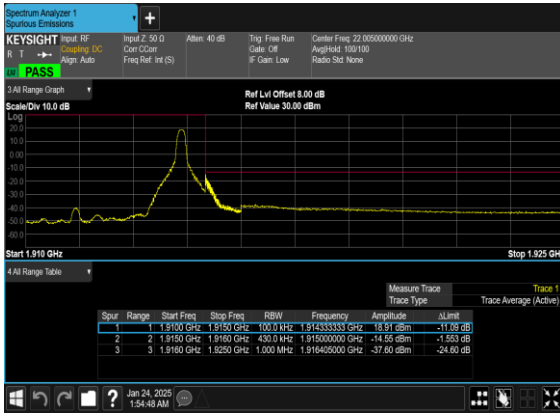


B66_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS





B66_N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B66_N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B66_N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N25 MIMO-ANT0+ANT1

Transmitter Conducted Output Power And EIRP, (G_T - L_c)=0.19dB

NR Band	SCS	Band Width	Arfcn	Freq(M Hz)	Modulation	RB	ANT0 Power(dBm)	ANT1 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP(W)
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	12@6	19.54	19.14	22.35	22.54	0.1795
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@1	19.43	19.08	22.27	22.46	0.1762
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@23	19.34	18.94	22.15	22.34	0.1714
25	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	12@6	18.37	17.98	21.19	21.38	0.1374
25	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@1	18.47	18.19	21.34	21.53	0.1422
25	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@23	18.53	18.09	21.33	21.52	0.1419
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	12@6	19.74	18.97	22.38	22.57	0.1807
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@1	19.6	18.85	22.25	22.44	0.1754
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@23	19.51	18.8	22.18	22.37	0.1726
25	15	5	376500	1882.5	DFT-s-OFDM 16 QAM	12@6	18.55	17.82	21.21	21.4	0.1380
25	15	5	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	18.63	17.96	21.32	21.51	0.1416
25	15	5	376500	1882.5	DFT-s-OFDM 16 QAM	1@23	18.68	17.99	21.36	21.55	0.1429
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	12@6	19.91	19.19	22.58	22.77	0.1892
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@1	19.76	18.94	22.38	22.57	0.1807
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@23	19.59	18.99	22.31	22.5	0.1778
25	15	5	382500	1912.5	DFT-s-OFDM 16 QAM	12@6	18.66	17.99	21.35	21.54	0.1426
25	15	5	382500	1912.5	DFT-s-OFDM 16 QAM	1@1	18.87	18.11	21.52	21.71	0.1483
25	15	5	382500	1912.5	DFT-s-OFDM 16 QAM	1@23	18.82	18.18	21.52	21.71	0.1483
25	15	10	371000	1855	DFT-s-OFDM QPSK	25@12	19.58	19.14	22.38	22.57	0.1807
25	15	10	371000	1855	DFT-s-OFDM QPSK	1@1	19.45	19.14	22.31	22.5	0.1778
25	15	10	371000	1855	DFT-s-OFDM QPSK	1@50	19.53	19.05	22.31	22.5	0.1778
25	15	10	371000	1855	DFT-s-OFDM 16 QAM	25@12	18.43	18.03	21.24	21.43	0.1390
25	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@1	18.52	18.29	21.42	21.61	0.1449
25	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@50	18.7	18.16	21.45	21.64	0.1459
25	15	10	376500	1882.5	DFT-s-OFDM QPSK	25@12	19.71	18.99	22.38	22.57	0.1807
25	15	10	376500	1882.5	DFT-s-OFDM QPSK	1@1	19.59	18.93	22.28	22.47	0.1766
25	15	10	376500	1882.5	DFT-s-OFDM QPSK	1@50	19.57	18.81	22.22	22.41	0.1742
25	15	10	376500	1882.5	DFT-s-OFDM 16 QAM	25@12	18.56	17.87	21.24	21.43	0.1390
25	15	10	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	18.62	18.05	21.35	21.54	0.1426
25	15	10	376500	1882.5	DFT-s-OFDM 16 QAM	1@50	18.76	17.96	21.39	21.58	0.1439
25	15	10	382000	1910	DFT-s-OFDM QPSK	25@12	19.88	19.11	22.52	22.71	0.1866
25	15	10	382000	1910	DFT-s-OFDM QPSK	1@1	19.71	19.13	22.44	22.63	0.1832
25	15	10	382000	1910	DFT-s-OFDM QPSK	1@50	19.65	19.04	22.37	22.56	0.1803
25	15	10	382000	1910	DFT-s-OFDM 16 QAM	25@12	18.76	17.98	21.40	21.59	0.1442



25	15	10	382000	1910	DFT-s-OFDM 16 QAM	1@1	18.77	18.18	21.50	21.69	0.1476
25	15	10	382000	1910	DFT-s-OFDM 16 QAM	1@50	18.85	18.19	21.54	21.73	0.1489
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	36@18	19.68	19.16	22.44	22.63	0.1832
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@1	19.38	19.16	22.28	22.47	0.1766
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@77	19.54	18.98	22.28	22.47	0.1766
25	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	36@18	18.8	18.34	21.59	21.78	0.1507
25	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@1	18.78	18.49	21.65	21.84	0.1528
25	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@77	18.93	18.32	21.65	21.84	0.1528
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	36@18	19.96	19.25	22.63	22.82	0.1914
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	1@1	19.84	19.2	22.54	22.73	0.1875
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	1@77	19.87	19.06	22.49	22.68	0.1854
25	15	15	376500	1882.5	DFT-s-OFDM 16 QAM	36@18	18.85	18.16	21.53	21.72	0.1486
25	15	15	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	18.96	18.38	21.69	21.88	0.1542
25	15	15	376500	1882.5	DFT-s-OFDM 16 QAM	1@77	19.07	18.22	21.68	21.87	0.1538
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	36@18	20.18	19.5	22.86	23.05	0.2018
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	1@1	19.98	19.32	22.67	22.86	0.1932
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	1@77	19.98	19.42	22.72	22.91	0.1954
25	15	15	381500	1907.5	DFT-s-OFDM 16 QAM	36@18	19.02	18.35	21.71	21.9	0.1549
25	15	15	381500	1907.5	DFT-s-OFDM 16 QAM	1@1	19.11	18.45	21.80	21.99	0.1581
25	15	15	381500	1907.5	DFT-s-OFDM 16 QAM	1@77	19.2	18.59	21.92	22.11	0.1626
25	15	20	372000	1860	DFT-s-OFDM QPSK	50@25	19.99	19.45	22.74	22.93	0.1963
25	15	20	372000	1860	DFT-s-OFDM QPSK	1@1	19.69	19.46	22.59	22.78	0.1897
25	15	20	372000	1860	DFT-s-OFDM QPSK	1@104	19.86	19.29	22.59	22.78	0.1897
25	15	20	372000	1860	DFT-s-OFDM 16 QAM	50@25	18.89	18.32	21.62	21.81	0.1517
25	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@1	18.85	18.6	21.74	21.93	0.1560
25	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@104	19.06	18.45	21.78	21.97	0.1574
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	50@25	20.05	19.34	22.72	22.91	0.1954
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@1	19.81	19.3	22.57	22.76	0.1888
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@104	19.93	19.06	22.53	22.72	0.1871
25	15	20	376500	1882.5	DFT-s-OFDM 16 QAM	50@25	18.95	18.26	21.63	21.82	0.1521
25	15	20	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	19.01	18.41	21.73	21.92	0.1556
25	15	20	376500	1882.5	DFT-s-OFDM 16 QAM	1@104	19.11	18.21	21.69	21.88	0.1542
25	15	20	381000	1905	DFT-s-OFDM QPSK	50@25	20.2	19.48	22.87	23.06	0.2023
25	15	20	381000	1905	DFT-s-OFDM QPSK	1@1	19.94	19.3	22.64	22.83	0.1919
25	15	20	381000	1905	DFT-s-OFDM QPSK	1@104	20.01	19.35	22.70	22.89	0.1945
25	15	20	381000	1905	DFT-s-OFDM 16 QAM	50@25	19.07	18.39	21.75	21.94	0.1563
25	15	20	381000	1905	DFT-s-OFDM 16 QAM	1@1	19.05	18.39	21.74	21.93	0.1560
25	15	20	381000	1905	DFT-s-OFDM 16 QAM	1@104	19.15	18.51	21.85	22.04	0.1600
25	15	25	372500	1862.5	DFT-s-OFDM QPSK	64@32	19.95	19.34	22.67	22.86	0.1932
25	15	25	372500	1862.5	DFT-s-OFDM QPSK	1@1	19.55	19.32	22.45	22.64	0.1837
25	15	25	372500	1862.5	DFT-s-OFDM QPSK	1@131	19.62	19.16	22.41	22.6	0.1820
25	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	64@32	18.8	18.22	21.53	21.72	0.1486



25	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	1@1	18.7	18.45	21.59	21.78	0.1507
25	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	1@131	18.8	18.3	21.57	21.76	0.1500
25	15	25	376500	1882.5	DFT-s-OFDM QPSK	64@32	19.98	19.39	22.71	22.9	0.1950
25	15	25	376500	1882.5	DFT-s-OFDM QPSK	1@1	19.68	19.21	22.46	22.65	0.1841
25	15	25	376500	1882.5	DFT-s-OFDM QPSK	1@131	19.84	19.08	22.49	22.68	0.1854
25	15	25	376500	1882.5	DFT-s-OFDM 16 QAM	64@32	18.81	18.25	21.55	21.74	0.1493
25	15	25	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	18.83	18.31	21.59	21.78	0.1507
25	15	25	376500	1882.5	DFT-s-OFDM 16 QAM	1@131	18.97	18.27	21.64	21.83	0.1524
25	15	25	380500	1902.5	DFT-s-OFDM QPSK	64@32	20.15	19.29	22.75	22.94	0.1968
25	15	25	380500	1902.5	DFT-s-OFDM QPSK	1@1	19.82	18.96	22.42	22.61	0.1824
25	15	25	380500	1902.5	DFT-s-OFDM QPSK	1@131	19.85	19.14	22.52	22.71	0.1866
25	15	25	380500	1902.5	DFT-s-OFDM 16 QAM	64@32	18.94	18.17	21.58	21.77	0.1503
25	15	25	380500	1902.5	DFT-s-OFDM 16 QAM	1@1	18.93	18.11	21.55	21.74	0.1493
25	15	25	380500	1902.5	DFT-s-OFDM 16 QAM	1@131	19.04	18.32	21.71	21.9	0.1549
25	15	30	373000	1865	DFT-s-OFDM QPSK	80@40	19.92	19.33	22.65	22.84	0.1923
25	15	30	373000	1865	DFT-s-OFDM QPSK	1@1	19.53	19.33	22.44	22.63	0.1832
25	15	30	373000	1865	DFT-s-OFDM QPSK	1@158	19.68	19.18	22.45	22.64	0.1837
25	15	30	373000	1865	DFT-s-OFDM 16 QAM	80@40	18.76	18.23	21.51	21.7	0.1479
25	15	30	373000	1865	DFT-s-OFDM 16 QAM	1@1	18.74	18.49	21.63	21.82	0.1521
25	15	30	373000	1865	DFT-s-OFDM 16 QAM	1@158	18.93	18.33	21.65	21.84	0.1528
25	15	30	376500	1882.5	DFT-s-OFDM QPSK	80@40	19.94	19.16	22.58	22.77	0.1892
25	15	30	376500	1882.5	DFT-s-OFDM QPSK	1@1	19.68	19.09	22.41	22.6	0.1820
25	15	30	376500	1882.5	DFT-s-OFDM QPSK	1@158	19.85	19	22.46	22.65	0.1841
25	15	30	376500	1882.5	DFT-s-OFDM 16 QAM	80@40	18.75	18.02	21.41	21.6	0.1445
25	15	30	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	18.85	18.18	21.54	21.73	0.1489
25	15	30	376500	1882.5	DFT-s-OFDM 16 QAM	1@158	19.03	18.16	21.63	21.82	0.1521
25	15	30	380000	1900	DFT-s-OFDM QPSK	80@40	20.08	19.25	22.70	22.89	0.1945
25	15	30	380000	1900	DFT-s-OFDM QPSK	1@1	19.74	19.05	22.42	22.61	0.1824
25	15	30	380000	1900	DFT-s-OFDM QPSK	1@158	19.92	19.17	22.57	22.76	0.1888
25	15	30	380000	1900	DFT-s-OFDM 16 QAM	80@40	18.89	18.12	21.53	21.72	0.1486
25	15	30	380000	1900	DFT-s-OFDM 16 QAM	1@1	18.87	18.2	21.56	21.75	0.1496
25	15	30	380000	1900	DFT-s-OFDM 16 QAM	1@158	19.12	18.37	21.77	21.96	0.1570
25	15	35	373500	1867.5	DFT-s-OFDM QPSK	90@45	19.88	19.26	22.59	22.78	0.1897
25	15	35	373500	1867.5	DFT-s-OFDM QPSK	1@1	19.43	19.27	22.36	22.55	0.1799
25	15	35	373500	1867.5	DFT-s-OFDM QPSK	1@186	19.71	19.09	22.42	22.61	0.1824
25	15	35	373500	1867.5	DFT-s-OFDM 16 QAM	90@45	18.77	18.13	21.47	21.66	0.1466
25	15	35	373500	1867.5	DFT-s-OFDM 16 QAM	1@1	18.65	18.38	21.53	21.72	0.1486
25	15	35	373500	1867.5	DFT-s-OFDM 16 QAM	1@186	18.91	18.27	21.61	21.8	0.1514
25	15	35	376500	1882.5	DFT-s-OFDM QPSK	90@45	19.89	19.16	22.55	22.74	0.1879
25	15	35	376500	1882.5	DFT-s-OFDM QPSK	1@1	19.61	19.01	22.33	22.52	0.1786
25	15	35	376500	1882.5	DFT-s-OFDM QPSK	1@186	19.79	18.99	22.42	22.61	0.1824
25	15	35	376500	1882.5	DFT-s-OFDM 16 QAM	90@45	18.76	18.02	21.42	21.61	0.1449



25	15	35	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	18.78	18.13	21.48	21.67	0.1469
25	15	35	376500	1882.5	DFT-s-OFDM 16 QAM	1@186	18.97	18.14	21.59	21.78	0.1507
25	15	35	379500	1897.5	DFT-s-OFDM QPSK	90@45	20	19.17	22.62	22.81	0.1910
25	15	35	379500	1897.5	DFT-s-OFDM QPSK	1@1	19.55	19.01	22.30	22.49	0.1774
25	15	35	379500	1897.5	DFT-s-OFDM QPSK	1@186	19.89	19.16	22.55	22.74	0.1879
25	15	35	379500	1897.5	DFT-s-OFDM 16 QAM	90@45	18.83	18.07	21.48	21.67	0.1469
25	15	35	379500	1897.5	DFT-s-OFDM 16 QAM	1@1	18.81	18.12	21.49	21.68	0.1472
25	15	35	379500	1897.5	DFT-s-OFDM 16 QAM	1@186	19.05	18.33	21.72	21.91	0.1552
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	108@54	20.06	19.49	22.79	22.98	0.1986
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@1	19.63	19.38	22.52	22.71	0.1866
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@214	19.94	19.19	22.59	22.78	0.1897
25	15	40	374000	1870	DFT-s-OFDM QPSK	108@54	19.92	19.32	22.64	22.83	0.1919
25	15	40	374000	1870	DFT-s-OFDM QPSK	1@1	19.55	19.38	22.48	22.67	0.1849
25	15	40	374000	1870	DFT-s-OFDM QPSK	1@214	19.97	19.21	22.62	22.81	0.1910
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	108@54	18.93	18.33	21.65	21.84	0.1528
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@1	18.81	18.59	21.71	21.9	0.1549
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@214	19.13	18.4	21.79	21.98	0.1578
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	108@54	17.43	16.85	20.16	20.35	0.1084
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	1@1	16.93	16.72	19.84	20.03	0.1007
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	1@214	17.25	16.52	19.91	20.1	0.1023
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	108@54	15.5	14.95	18.24	18.43	0.0697
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	1@1	15.21	14.92	18.08	18.27	0.0671
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	1@214	15.5	14.8	18.17	18.36	0.0685
25	15	40	374000	1870	CP-OFDM QPSK	108@54	18.43	17.82	21.15	21.34	0.1361
25	15	40	374000	1870	CP-OFDM QPSK	1@1	18.07	17.8	20.95	21.14	0.1300
25	15	40	374000	1870	CP-OFDM QPSK	1@214	18.41	17.7	21.08	21.27	0.1340
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	108@54	20.1	19.37	22.76	22.95	0.1972
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	19.81	19.17	22.51	22.7	0.1862
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@214	19.95	19.17	22.59	22.78	0.1897
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	108@54	19.94	19.19	22.59	22.78	0.1897
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@1	19.78	19.16	22.49	22.68	0.1854
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@214	19.95	19.17	22.59	22.78	0.1897
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	108@54	18.96	18.19	21.60	21.79	0.1510
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	18.97	18.29	21.65	21.84	0.1528
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	1@214	19.17	18.36	21.79	21.98	0.1578
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	108@54	17.47	16.66	20.09	20.28	0.1067
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	1@1	17.07	16.4	19.76	19.95	0.0989
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	1@214	17.29	16.48	19.91	20.1	0.1023
25	15	40	376500	1882.5	DFT-s-OFDM 256	108@54	15.52	14.76	18.17	18.36	0.0685



					QAM						
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	1@1	15.34	14.67	18.03	18.22	0.0664
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	1@214	15.57	14.77	18.20	18.39	0.0690
25	15	40	376500	1882.5	CP-OFDM QPSK	108@54	18.44	17.66	21.08	21.27	0.1340
25	15	40	376500	1882.5	CP-OFDM QPSK	1@1	18.33	17.61	21.00	21.19	0.1315
25	15	40	376500	1882.5	CP-OFDM QPSK	1@214	18.44	17.64	21.07	21.26	0.1337
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	108@54	20.2	19.49	22.87	23.06	0.2023
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	1@1	19.77	19.3	22.55	22.74	0.1879
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	1@214	20.09	19.44	22.79	22.98	0.1986
25	15	40	379000	1895	DFT-s-OFDM QPSK	108@54	20.06	19.36	22.73	22.92	0.1959
25	15	40	379000	1895	DFT-s-OFDM QPSK	1@1	19.67	19.29	22.49	22.68	0.1854
25	15	40	379000	1895	DFT-s-OFDM QPSK	1@214	20.05	19.5	22.79	22.98	0.1986
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	108@54	19.1	18.38	21.77	21.96	0.1570
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	1@1	18.86	18.44	21.67	21.86	0.1535
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	1@214	19.27	18.67	21.99	22.18	0.1652
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	108@54	17.55	16.88	20.24	20.43	0.1104
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	1@1	17.05	16.58	19.83	20.02	0.1005
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	1@214	17.38	16.87	20.14	20.33	0.1079
25	15	40	379000	1895	DFT-s-OFDM 256 QAM	108@54	15.62	14.99	18.33	18.52	0.0711
25	15	40	379000	1895	DFT-s-OFDM 256 QAM	1@1	15.36	14.84	18.12	18.31	0.0678
25	15	40	379000	1895	DFT-s-OFDM 256 QAM	1@214	15.72	15.1	18.43	18.62	0.0728
25	15	40	379000	1895	CP-OFDM QPSK	108@54	18.58	17.86	21.25	21.44	0.1393
25	15	40	379000	1895	CP-OFDM QPSK	1@1	18.41	17.81	21.13	21.32	0.1355
25	15	40	379000	1895	CP-OFDM QPSK	1@214	18.71	18.1	21.43	21.62	0.1452



FR1 N25 MIMO-ANT0

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	15.2	PASS	NV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	11	PASS	LV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	17.5	PASS	HV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	16.5	PASS	-30°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	13.8	PASS	-20°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	16.4	PASS	-10°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	12.2	PASS	0°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	13.5	PASS	10°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	15.2	PASS	20°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	16.8	PASS	30°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	13.5	PASS	40°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	11.9	PASS	50°C

|MAX(Δf)| =17.5 Hz

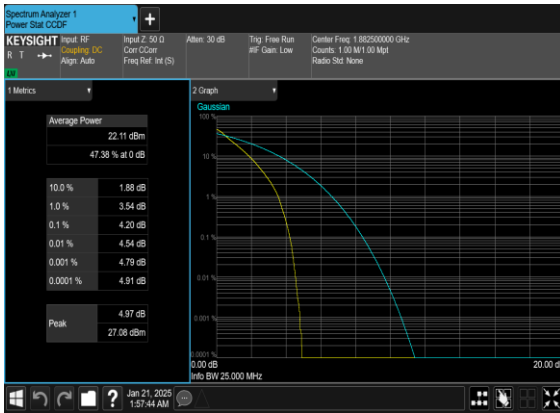
Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - MAX(\Delta f) $	1850.489483	≥ 1850 MHz	PASS
$f_H + MAX(\Delta f) $	1913.391618	≤ 1915 MHz	



Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
25	15	20	376500	1882.5	DFT-s-OFDM PI/2 BPSK	100@0	4.2	13	PASS
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	5.27	13	PASS

N25(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH





Occupied Bandwidth

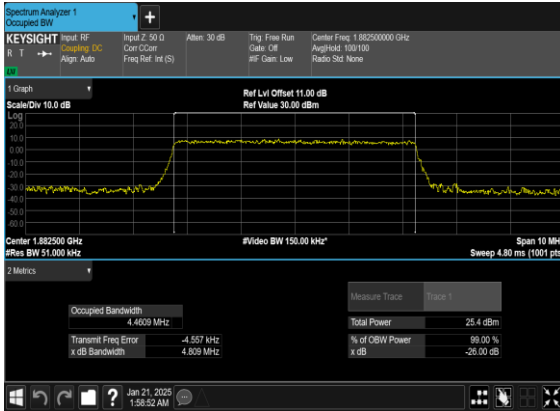
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
25	15	5	376500	1882.5	CP-OFDM QPSK	25@0	4.4609	4.809
25	15	5	376500	1882.5	CP-OFDM 16 QAM	25@0	4.4632	4.782
25	15	5	376500	1882.5	CP-OFDM 64 QAM	25@0	4.4657	4.781
25	15	5	376500	1882.5	CP-OFDM 256 QAM	25@0	4.4693	4.793
25	15	10	376500	1882.5	CP-OFDM QPSK	52@0	9.2677	9.706
25	15	10	376500	1882.5	CP-OFDM 16 QAM	52@0	9.2808	9.755
25	15	10	376500	1882.5	CP-OFDM 64 QAM	52@0	9.2779	9.763
25	15	10	376500	1882.5	CP-OFDM 256 QAM	52@0	9.2737	9.698
25	15	15	376500	1882.5	CP-OFDM QPSK	79@0	14.07	14.68
25	15	15	376500	1882.5	CP-OFDM 16 QAM	79@0	14.12	14.72
25	15	15	376500	1882.5	CP-OFDM 64 QAM	79@0	14.12	14.67
25	15	15	376500	1882.5	CP-OFDM 256 QAM	79@0	14.113	14.64
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	18.936	19.63
25	15	20	376500	1882.5	CP-OFDM 16 QAM	106@0	18.928	19.66
25	15	20	376500	1882.5	CP-OFDM 64 QAM	106@0	18.922	19.62
25	15	20	376500	1882.5	CP-OFDM 256 QAM	106@0	18.918	19.68
25	15	25	376500	1882.5	CP-OFDM QPSK	133@0	23.729	24.64
25	15	25	376500	1882.5	CP-OFDM 16 QAM	133@0	23.745	24.62
25	15	25	376500	1882.5	CP-OFDM 64 QAM	133@0	23.797	24.62
25	15	25	376500	1882.5	CP-OFDM 256 QAM	133@0	23.731	24.64
25	15	30	376500	1882.5	CP-OFDM QPSK	160@0	28.519	29.77
25	15	30	376500	1882.5	CP-OFDM 16 QAM	160@0	28.495	29.58



25	15	30	376500	1882.5	CP-OFDM 64 QAM	160@0	28.482	29.52
25	15	30	376500	1882.5	CP-OFDM 256 QAM	160@0	28.584	29.52
25	15	35	376500	1882.5	CP-OFDM QPSK	188@0	33.464	34.75
25	15	35	376500	1882.5	CP-OFDM 16 QAM	188@0	33.485	34.8
25	15	35	376500	1882.5	CP-OFDM 64 QAM	188@0	33.582	34.67
25	15	35	376500	1882.5	CP-OFDM 256 QAM	188@0	33.549	34.79
25	15	40	376500	1882.5	CP-OFDM QPSK	216@0	38.589	39.93
25	15	40	376500	1882.5	CP-OFDM 16 QAM	216@0	38.613	39.87
25	15	40	376500	1882.5	CP-OFDM 64 QAM	216@0	38.553	39.88
25	15	40	376500	1882.5	CP-OFDM 256 QAM	216@0	38.589	39.85



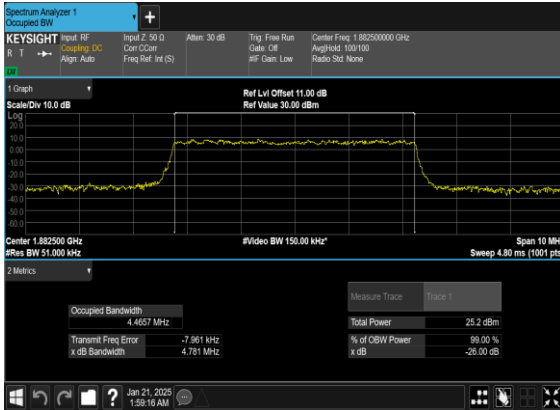
N25(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N25(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

