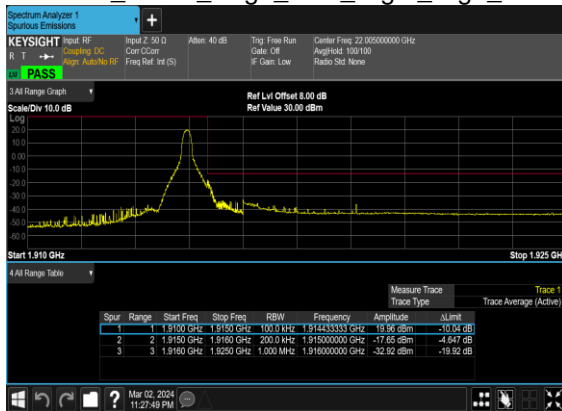
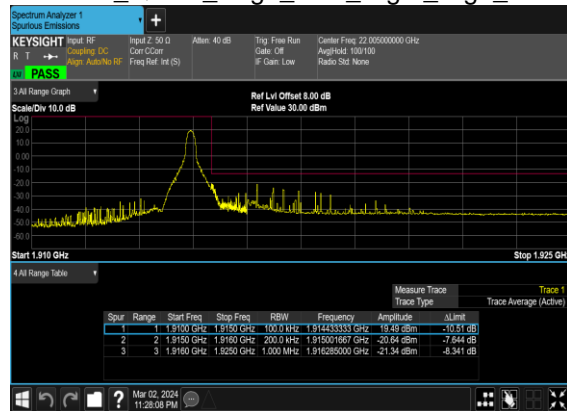


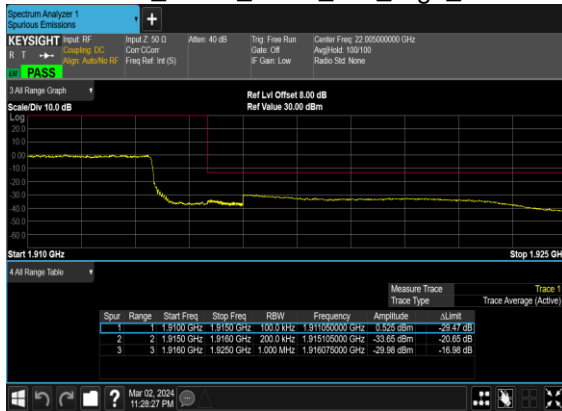
B7_N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



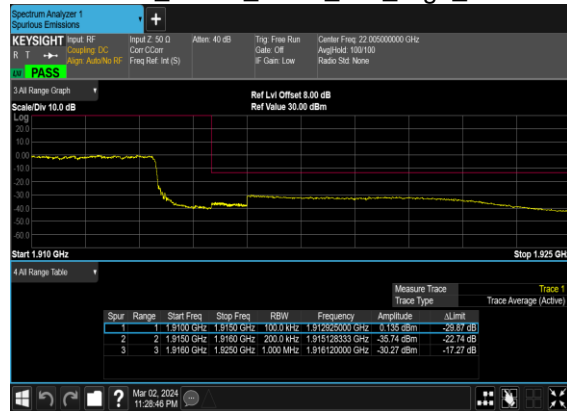
B7_N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



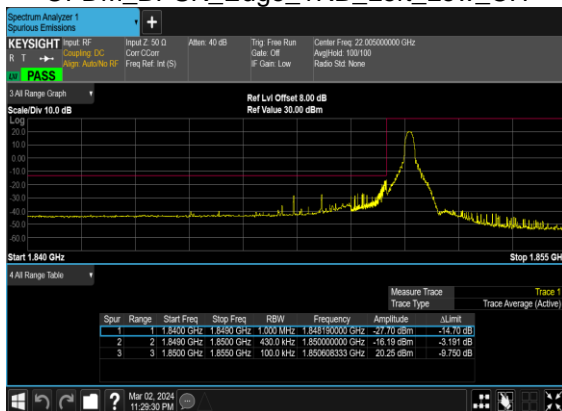
B7_N25(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



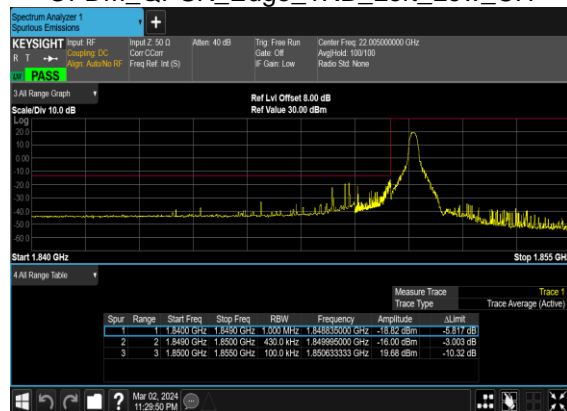
B7_N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



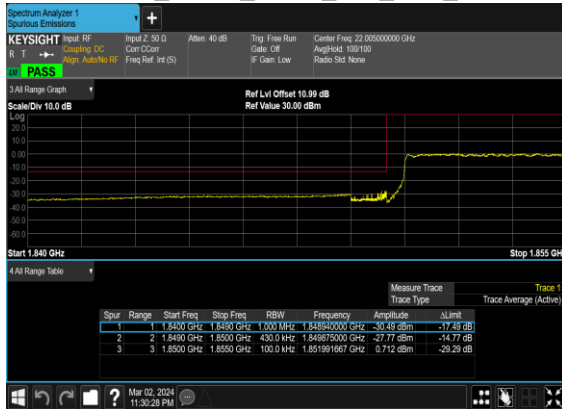
B7_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



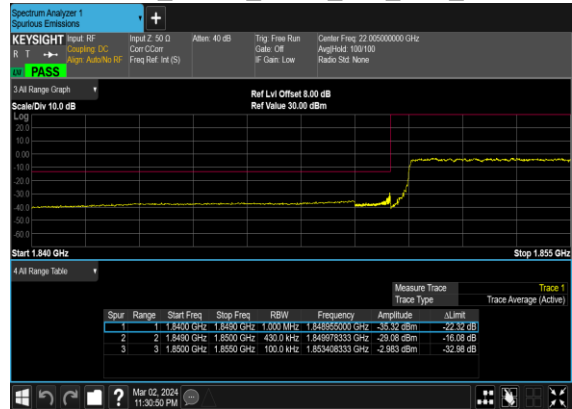
B7_N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



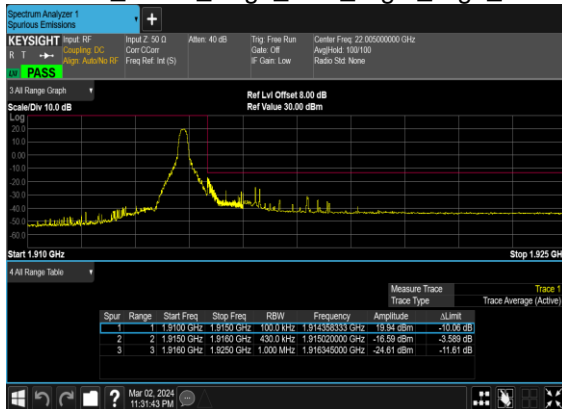
B7_N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



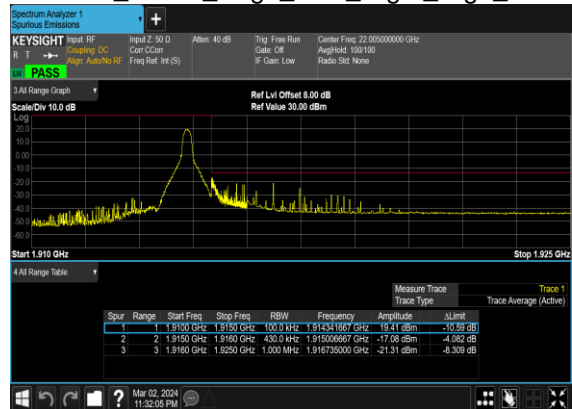
B7_N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



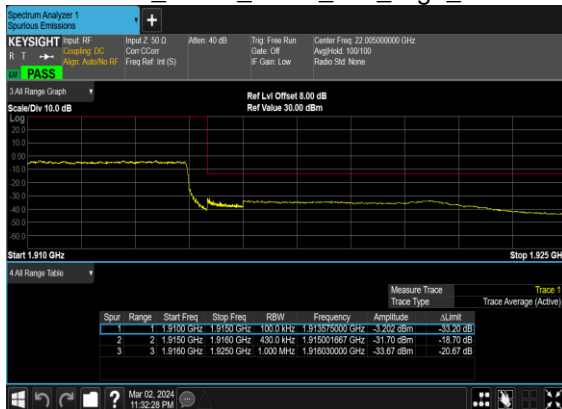
B7_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



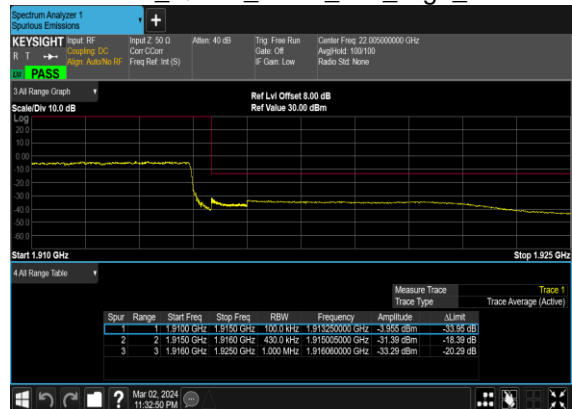
B7_N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B7_N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B7_N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 N25 MIMO-(ANT2+3)

Transmitter Conducted Output Power and EIRP, (G_T - L_C)=-2.0dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT2 Power(dBm)	ANT3 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@1	23.72	23.41	26.58	24.58	0.2871
25	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@1	22.19	21.83	25.02	23.02	0.2004
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.76	23.34	26.57	24.57	0.2864
25	15	5	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.11	21.74	24.94	22.94	0.1968
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@1	23.87	23.55	26.72	24.72	0.2965
25	15	5	382500	1912.5	DFT-s-OFDM 16 QAM	1@1	22.47	21.91	25.21	23.21	0.2094
25	15	10	371000	1855	DFT-s-OFDM QPSK	1@1	23.79	23.49	26.65	24.65	0.2917
25	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@1	22.14	21.82	24.99	22.99	0.1991
25	15	10	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.72	23.36	26.55	24.55	0.2851
25	15	10	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.1	21.66	24.90	22.9	0.1950
25	15	10	382000	1910	DFT-s-OFDM QPSK	1@1	23.97	23.39	26.70	24.7	0.2951
25	15	10	382000	1910	DFT-s-OFDM 16 QAM	1@1	22.31	21.8	25.07	23.07	0.2028
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@1	23.75	23.69	26.73	24.73	0.2972
25	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@1	22.13	21.88	25.02	23.02	0.2004
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.58	23.28	26.44	24.44	0.2780
25	15	15	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	19.09	21.76	23.64	21.64	0.1459
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	1@1	23.89	23.38	26.65	24.65	0.2917
25	15	15	381500	1907.5	DFT-s-OFDM 16 QAM	1@1	22.29	21.75	25.04	23.04	0.2014
25	15	20	372000	1860	DFT-s-OFDM QPSK	1@1	23.73	23.32	26.54	24.54	0.2844
25	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@1	22.14	21.78	24.97	22.97	0.1982
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.73	23.32	26.54	24.54	0.2844
25	15	20	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.01	21.71	24.87	22.87	0.1936
25	15	20	381000	1905	DFT-s-OFDM QPSK	1@1	23.91	23.42	26.68	24.68	0.2938
25	15	20	381000	1905	DFT-s-OFDM 16 QAM	1@1	22.27	21.85	25.08	23.08	0.2032
25	15	25	372500	1862.5	DFT-s-OFDM QPSK	1@1	23.77	23.44	26.62	24.62	0.2897
25	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	1@1	22.28	21.93	25.12	23.12	0.2051
25	15	25	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.75	23.49	26.63	24.63	0.2904
25	15	25	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.17	21.9	25.05	23.05	0.2018
25	15	25	380500	1902.5	DFT-s-OFDM QPSK	1@1	23.91	23.42	26.68	24.68	0.2938

25	15	25	380500	1902.5	DFT-s-OFDM 16 QAM	1@1	22.31	21.85	25.10	23.1	0.2042
25	15	30	373000	1865	DFT-s-OFDM QPSK	1@1	23.81	23.48	26.66	24.66	0.2924
25	15	30	373000	1865	DFT-s-OFDM 16 QAM	1@1	22.17	22	25.10	23.1	0.2042
25	15	30	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.73	23.47	26.61	24.61	0.2891
25	15	30	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.19	21.83	25.02	23.02	0.2004
25	15	30	380000	1900	DFT-s-OFDM QPSK	1@1	23.87	23.39	26.65	24.65	0.2917
25	15	30	380000	1900	DFT-s-OFDM 16 QAM	1@1	22.25	21.88	25.08	23.08	0.2032
25	15	35	373500	1867.5	DFT-s-OFDM QPSK	1@1	23.7	23.42	26.57	24.57	0.2864
25	15	35	373500	1867.5	DFT-s-OFDM 16 QAM	1@1	22.14	21.85	25.01	23.01	0.2000
25	15	35	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.66	23.46	26.57	24.57	0.2864
25	15	35	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.06	21.86	24.97	22.97	0.1982
25	15	35	379500	1897.5	DFT-s-OFDM QPSK	1@1	23.81	23.43	26.63	24.63	0.2904
25	15	35	379500	1897.5	DFT-s-OFDM 16 QAM	1@1	22.16	21.92	25.05	23.05	0.2018
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	108@54	23.86	23.53	26.71	24.71	0.2958
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@1	23.83	23.51	26.68	24.68	0.2938
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@214	23.98	23.4	26.71	24.71	0.2958
25	15	40	374000	1870	DFT-s-OFDM QPSK	108@54	23.83	23.39	26.63	24.63	0.2904
25	15	40	374000	1870	DFT-s-OFDM QPSK	1@1	23.79	23.36	26.59	24.59	0.2877
25	15	40	374000	1870	DFT-s-OFDM QPSK	1@214	23.91	23.34	26.64	24.64	0.2911
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	108@54	22.21	21.75	25.00	23	0.1995
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@1	22.19	21.87	25.04	23.04	0.2014
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@214	22.37	21.83	25.12	23.12	0.2051
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	108@54	20.73	20.32	23.54	21.54	0.1426
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	1@1	20.68	20.36	23.53	21.53	0.1422
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	1@214	21.01	20.38	23.72	21.72	0.1486
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	108@54	18.19	17.8	21.01	19.01	0.0796
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	1@1	17.95	17.64	20.81	18.81	0.0760
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	1@214	18.16	17.64	20.92	18.92	0.0780
25	15	40	374000	1870	CP-OFDM QPSK	108@54	21.66	21.24	24.47	22.47	0.1766
25	15	40	374000	1870	CP-OFDM QPSK	1@1	21.72	21.55	24.65	22.65	0.1841
25	15	40	374000	1870	CP-OFDM QPSK	1@214	21.97	21.35	24.68	22.68	0.1854
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	108@54	23.87	23.41	26.66	24.66	0.2924
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23.69	23.48	26.60	24.6	0.2884
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@214	24.02	23.38	26.72	24.72	0.2965
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	108@54	23.79	23.33	26.58	24.58	0.2871

25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.64	23.5	26.58	24.58	0.2871
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@214	24.04	23.42	26.75	24.75	0.2985
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	108@54	22.21	21.76	25.00	23	0.1995
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.08	21.9	25.00	23	0.1995
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	1@214	22.36	21.75	25.08	23.08	0.2032
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	108@54	20.73	20.28	23.52	21.52	0.1419
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	1@1	20.71	20.55	23.64	21.64	0.1459
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	1@214	21.05	20.49	23.79	21.79	0.1510
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	108@54	18.2	17.75	20.99	18.99	0.0793
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	1@1	17.86	17.72	20.80	18.8	0.0759
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	1@214	18.29	17.72	21.02	19.02	0.0798
25	15	40	376500	1882.5	CP-OFDM QPSK	108@54	21.67	21.18	24.44	22.44	0.1754
25	15	40	376500	1882.5	CP-OFDM QPSK	1@1	21.57	21.5	24.55	22.55	0.1799
25	15	40	376500	1882.5	CP-OFDM QPSK	1@214	22.09	21.47	24.80	22.8	0.1905
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	108@54	24.04	23.5	26.79	24.79	0.3013
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	1@1	23.8	23.33	26.58	24.58	0.2871
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	1@214	23.44	23.45	26.46	24.46	0.2793
25	15	40	379000	1895	DFT-s-OFDM QPSK	108@54	23.94	23.39	26.68	24.68	0.2938
25	15	40	379000	1895	DFT-s-OFDM QPSK	1@1	23.79	23.38	26.60	24.6	0.2884
25	15	40	379000	1895	DFT-s-OFDM QPSK	1@214	23.41	23.51	26.47	24.47	0.2799
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	108@54	22.33	21.82	25.09	23.09	0.2037
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	1@1	22.1	21.72	24.92	22.92	0.1959
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	1@214	22.46	21.94	25.22	23.22	0.2099
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	108@54	20.87	20.37	23.64	21.64	0.1459
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	1@1	20.8	20.56	23.69	21.69	0.1476
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	1@214	21.01	20.52	23.78	21.78	0.1507
25	15	40	379000	1895	DFT-s-OFDM 256 QAM	108@54	18.35	17.82	21.10	19.1	0.0813
25	15	40	379000	1895	DFT-s-OFDM 256 QAM	1@1	17.95	17.68	20.83	18.83	0.0764
25	15	40	379000	1895	DFT-s-OFDM 256 QAM	1@214	18.56	17.74	21.18	19.18	0.0828
25	15	40	379000	1895	CP-OFDM QPSK	108@54	21.82	21.31	24.58	22.58	0.1811
25	15	40	379000	1895	CP-OFDM QPSK	1@1	21.77	21.46	24.63	22.63	0.1832
25	15	40	379000	1895	CP-OFDM QPSK	1@214	22.28	21.46	24.90	22.9	0.1950

FR1 N25 MIMO-ANT2

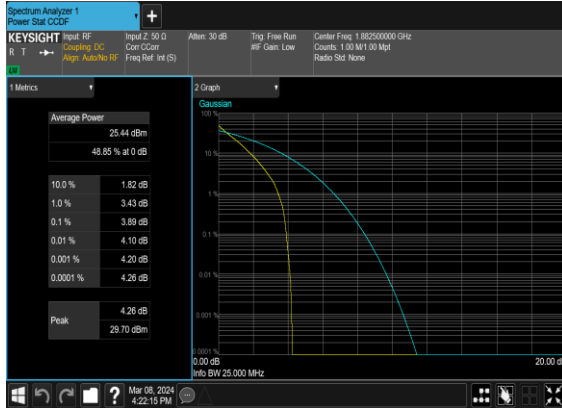
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0036	PASS	NV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0045	PASS	LV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0055	PASS	HV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0042	PASS	-30°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0022	PASS	-20°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0045	PASS	-10°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0033	PASS	0°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0028	PASS	10°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0036	PASS	20°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0055	PASS	30°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0046	PASS	40°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0040	PASS	50°C

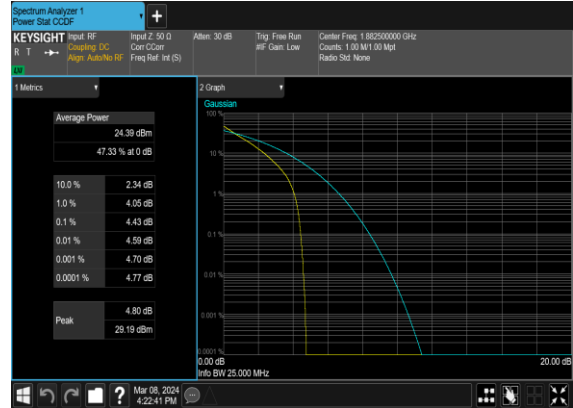
Peak to Average Ratio

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	3.89	13	PASS
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	4.43	13	PASS

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



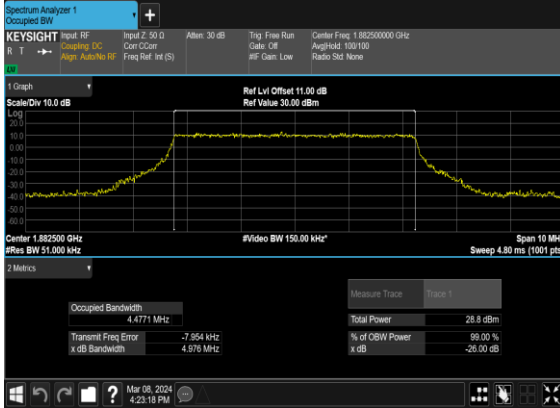
N25(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



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	4.4771	4.976
25	15	5	376500	1882.5	CP-OFDM 16 QAM	25@0	4.4818	5.064
25	15	5	376500	1882.5	CP-OFDM 64 QAM	25@0	4.4801	5.037
25	15	5	376500	1882.5	CP-OFDM 256 QAM	25@0	4.4745	5.073
25	15	10	376500	1882.5	CP-OFDM QPSK	52@0	9.2932	10.06
25	15	10	376500	1882.5	CP-OFDM 16 QAM	52@0	9.2909	9.956
25	15	10	376500	1882.5	CP-OFDM 64 QAM	52@0	9.2758	9.994
25	15	10	376500	1882.5	CP-OFDM 256 QAM	52@0	9.2845	9.883
25	15	15	376500	1882.5	CP-OFDM QPSK	79@0	14.087	14.95
25	15	15	376500	1882.5	CP-OFDM 16 QAM	79@0	14.105	14.93
25	15	15	376500	1882.5	CP-OFDM 64 QAM	79@0	14.139	14.87
25	15	15	376500	1882.5	CP-OFDM 256 QAM	79@0	14.095	14.95
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	18.95	19.84
25	15	20	376500	1882.5	CP-OFDM 16 QAM	106@0	18.961	19.94
25	15	20	376500	1882.5	CP-OFDM 64 QAM	106@0	18.88	19.85
25	15	20	376500	1882.5	CP-OFDM 256 QAM	106@0	18.946	19.63
25	15	25	376500	1882.5	CP-OFDM QPSK	133@0	23.765	24.71
25	15	25	376500	1882.5	CP-OFDM 16 QAM	133@0	23.785	24.87
25	15	25	376500	1882.5	CP-OFDM 64 QAM	133@0	23.738	24.87
25	15	25	376500	1882.5	CP-OFDM 256 QAM	133@0	23.785	24.71
25	15	30	376500	1882.5	CP-OFDM QPSK	160@0	28.572	29.72
25	15	30	376500	1882.5	CP-OFDM 16 QAM	160@0	28.678	29.65
25	15	30	376500	1882.5	CP-OFDM 64 QAM	160@0	28.573	29.66
25	15	30	376500	1882.5	CP-OFDM 256 QAM	160@0	28.598	29.79
25	15	35	376500	1882.5	CP-OFDM QPSK	188@0	33.484	34.73
25	15	35	376500	1882.5	CP-OFDM 16 QAM	188@0	33.567	34.79
25	15	35	376500	1882.5	CP-OFDM 64 QAM	188@0	33.561	34.82
25	15	35	376500	1882.5	CP-OFDM 256 QAM	188@0	33.603	34.85
25	15	40	376500	1882.5	CP-OFDM QPSK	216@0	38.568	40.08
25	15	40	376500	1882.5	CP-OFDM 16 QAM	216@0	38.457	39.91
25	15	40	376500	1882.5	CP-OFDM 64 QAM	216@0	38.547	39.92
25	15	40	376500	1882.5	CP-OFDM 256 QAM	216@0	38.522	39.89

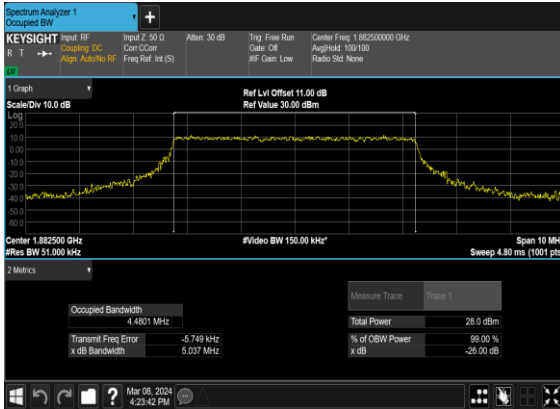
N25(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N25(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



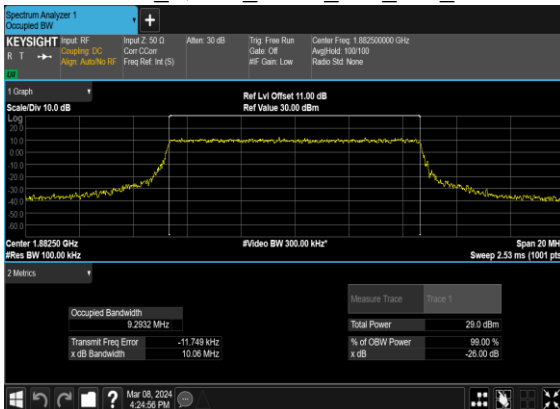
N25(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



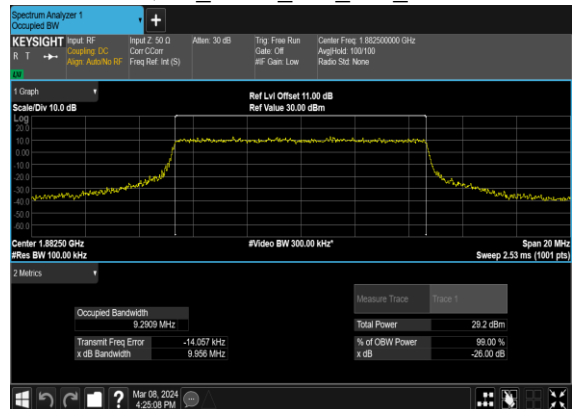
N25(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



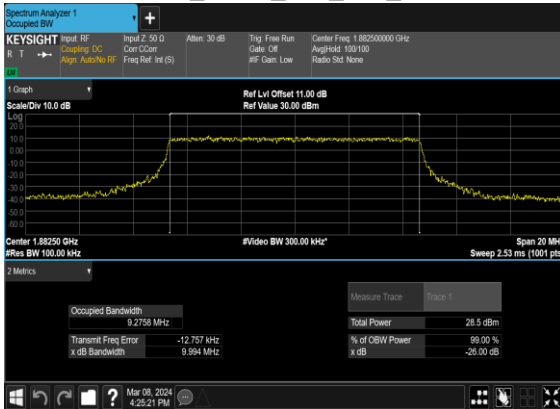
N25(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



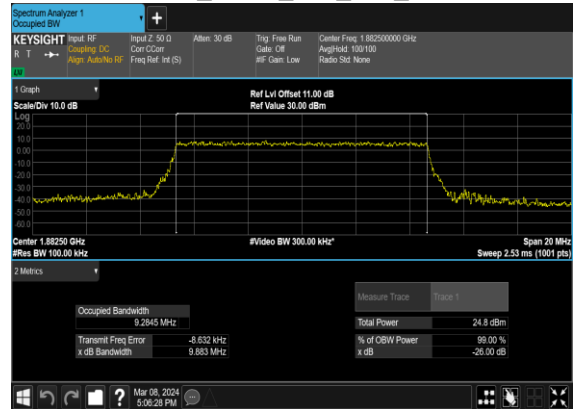
N25(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



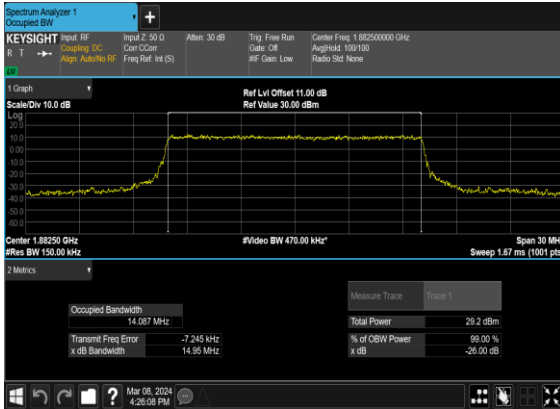
N25(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



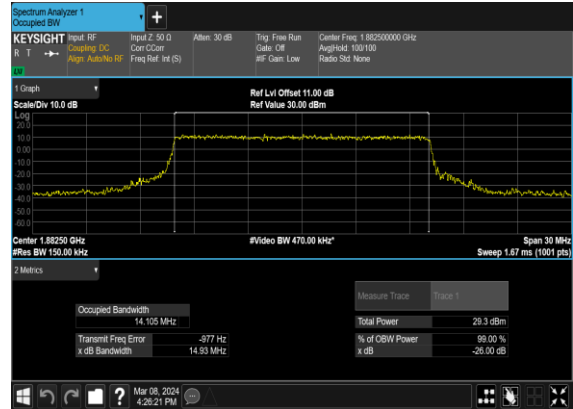
N25(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



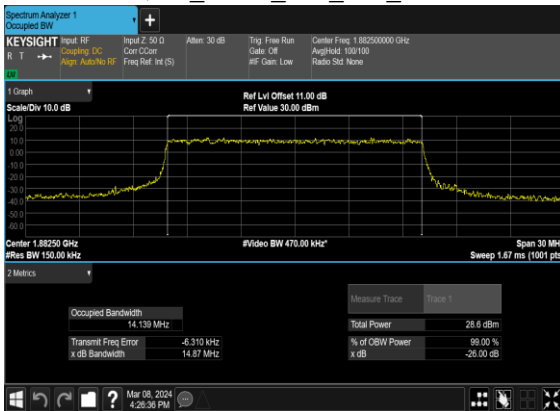
N25(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



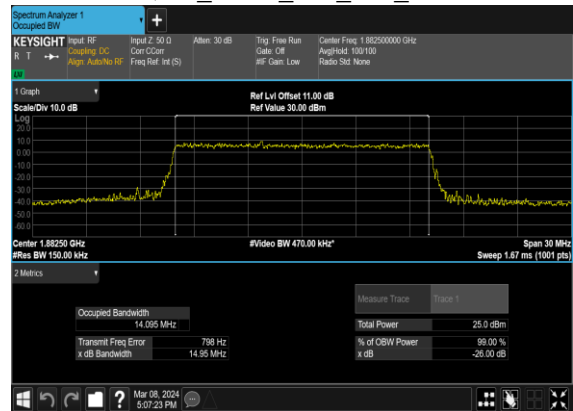
N25(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



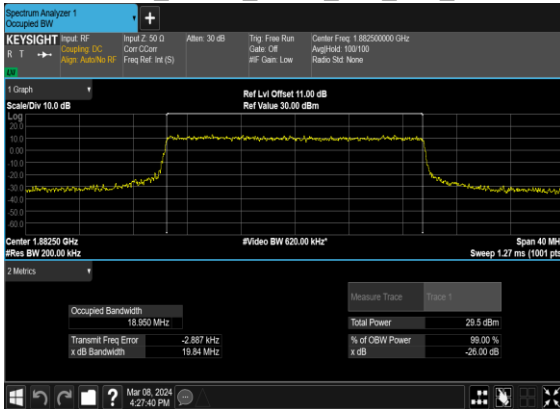
N25(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



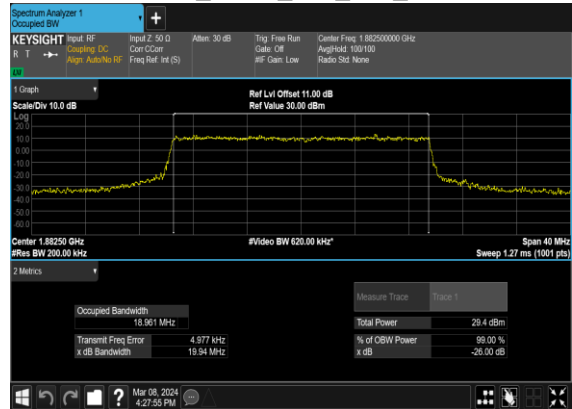
N25(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



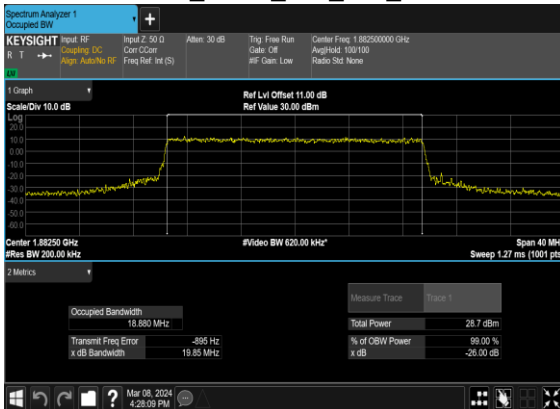
N25(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



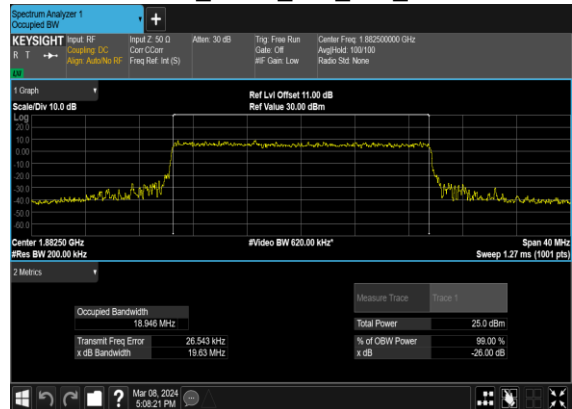
N25(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



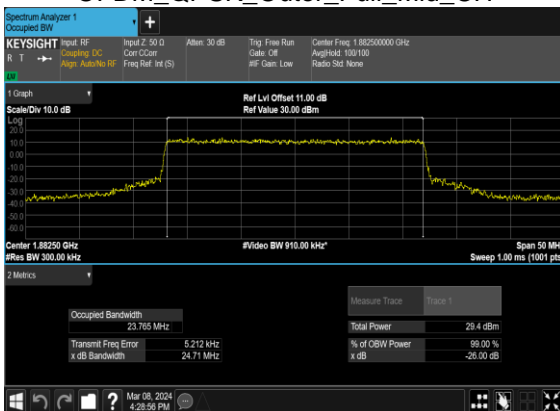
N25(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



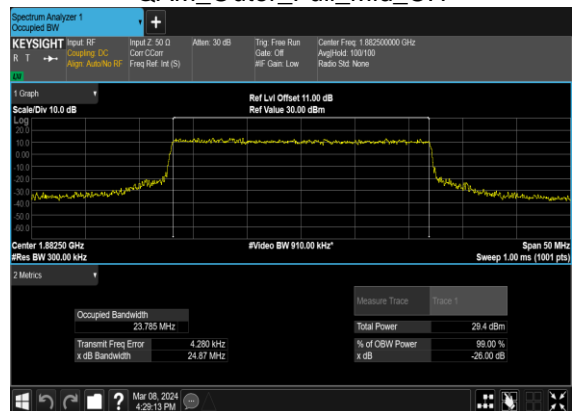
N25(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



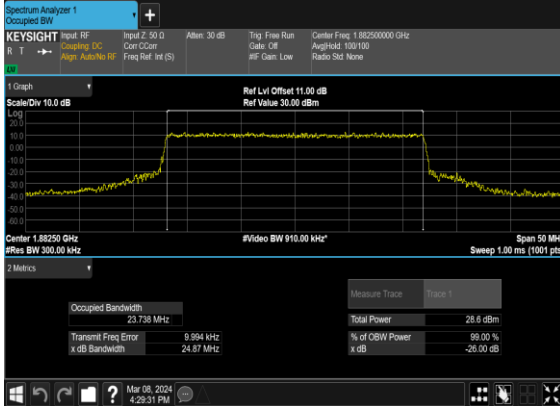
N25(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



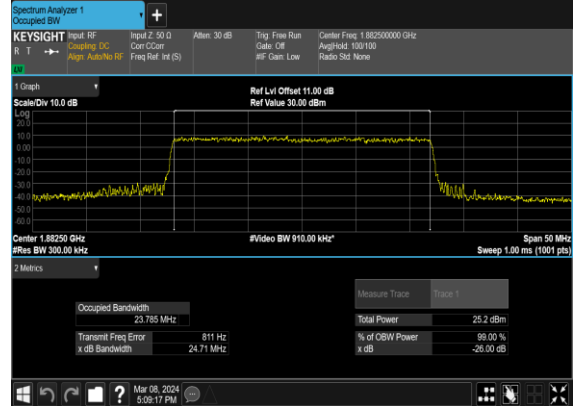
N25(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



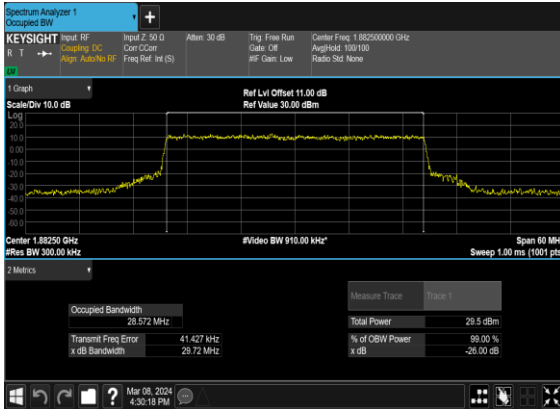
N25(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



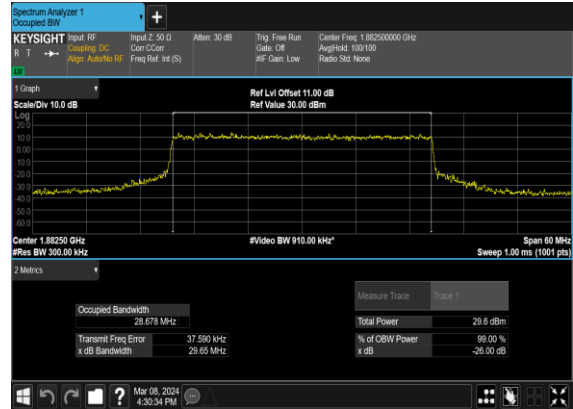
N25(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



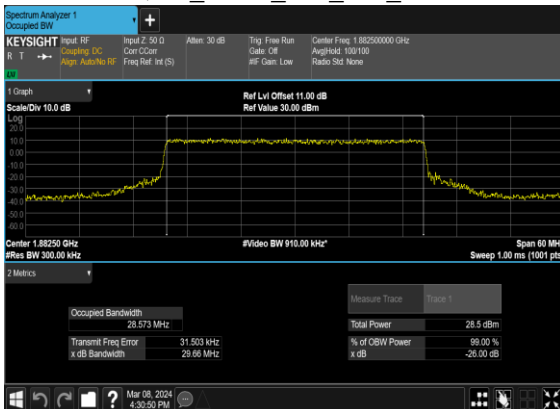
N25(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



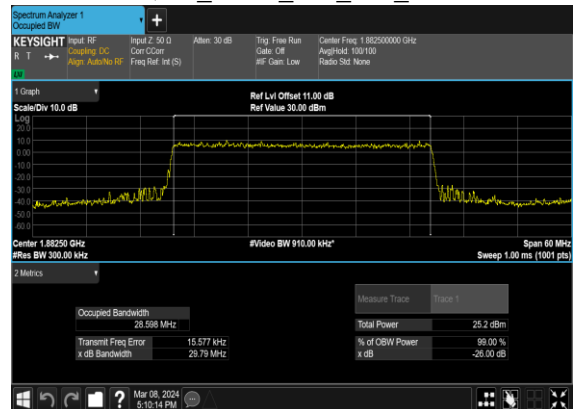
N25(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



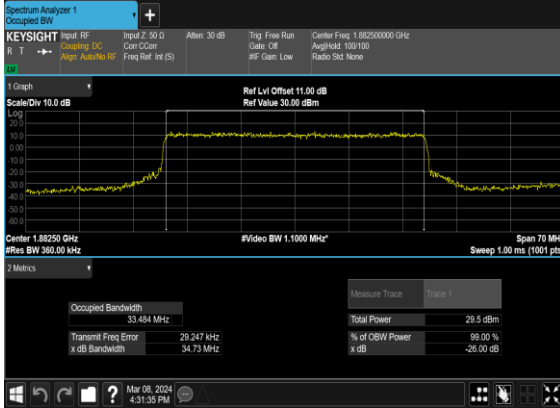
N25(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N25(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



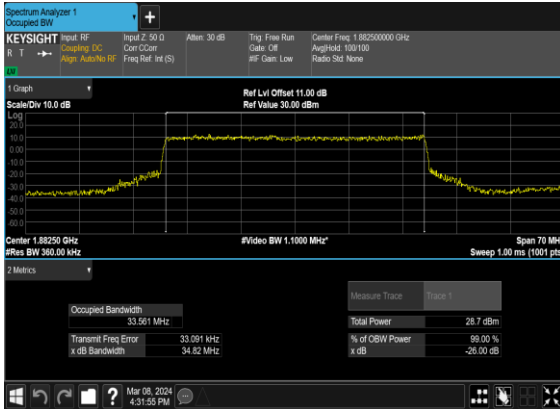
N25(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



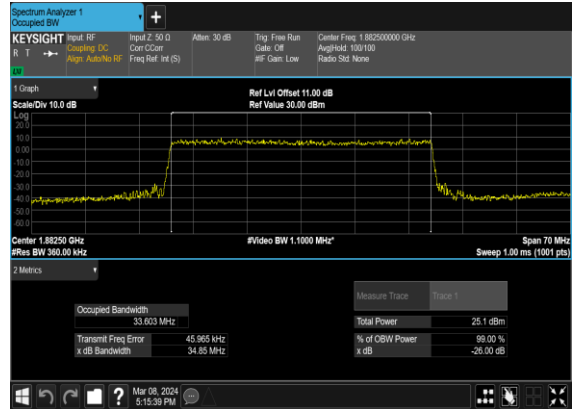
N25(35M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



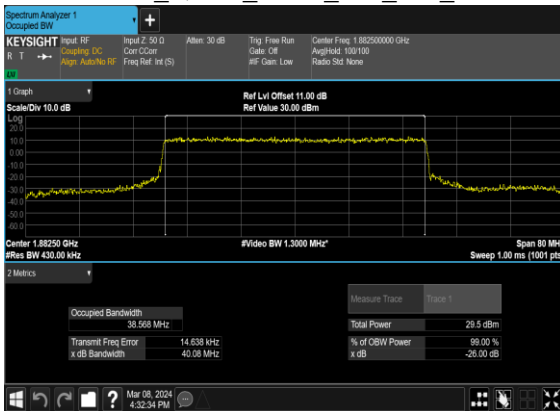
N25(35M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



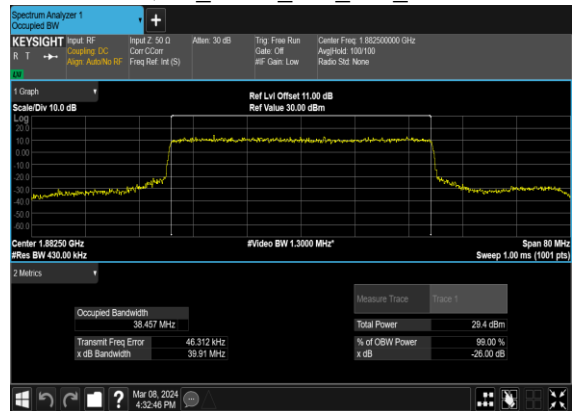
N25(35M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



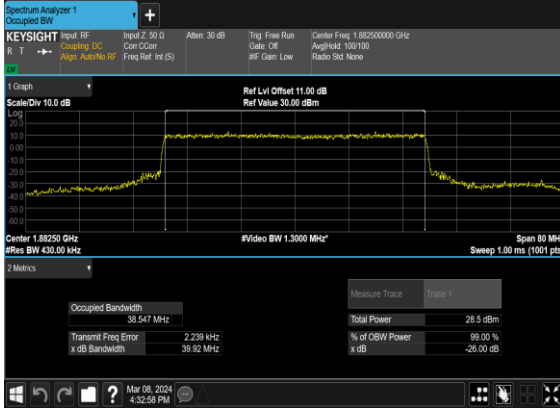
N25(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N25(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N25(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N25(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

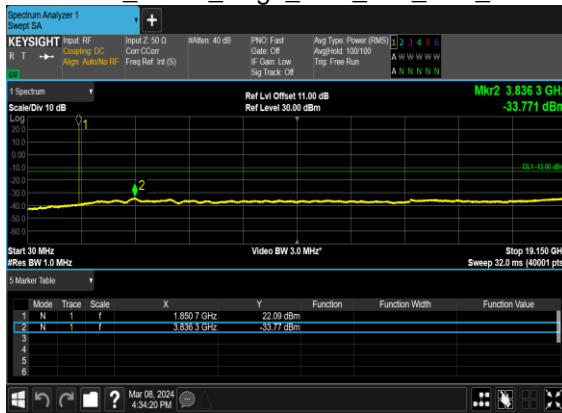


Conducted Spurious Emissions

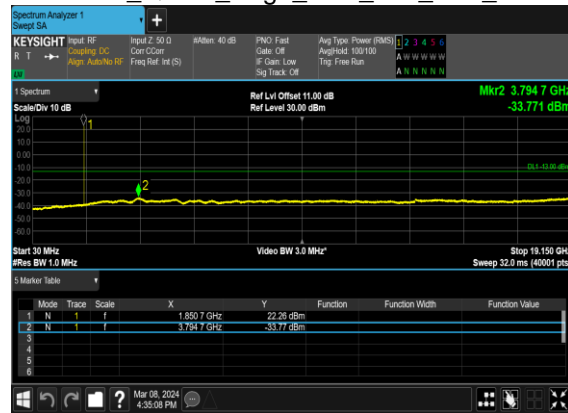
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph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

N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



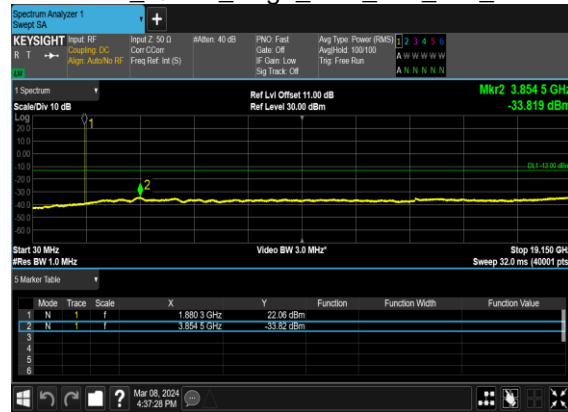
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



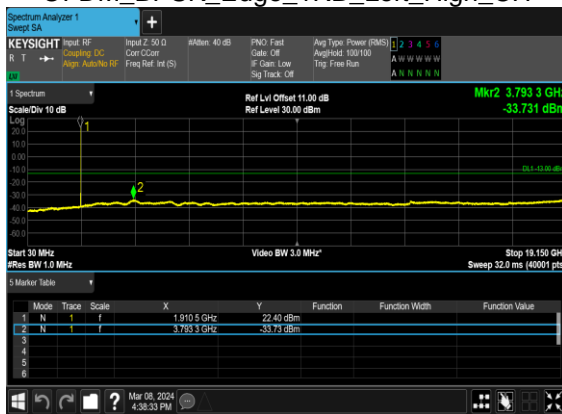
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



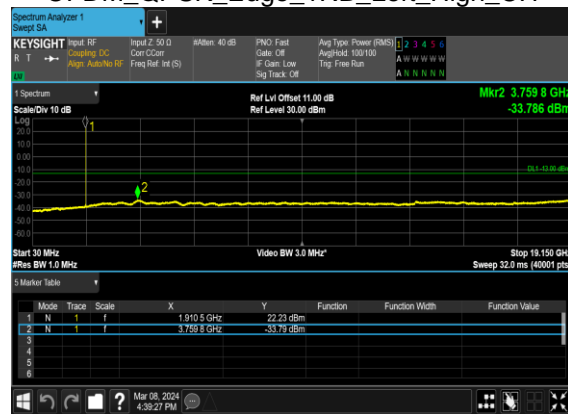
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



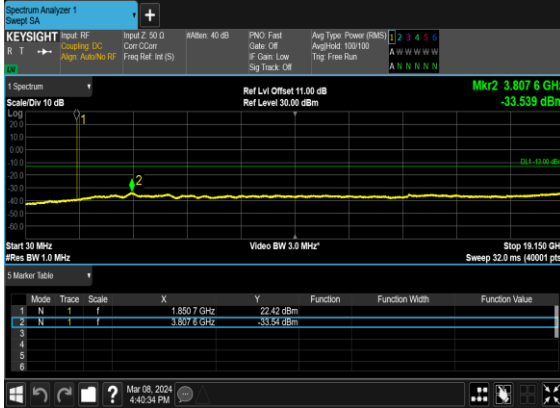
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



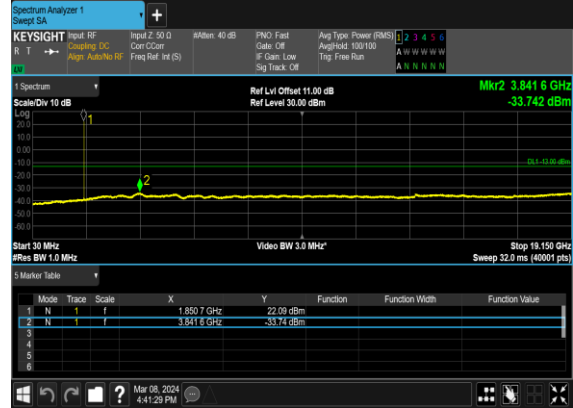
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



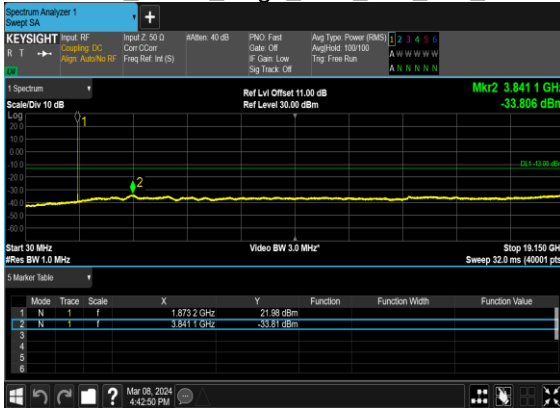
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



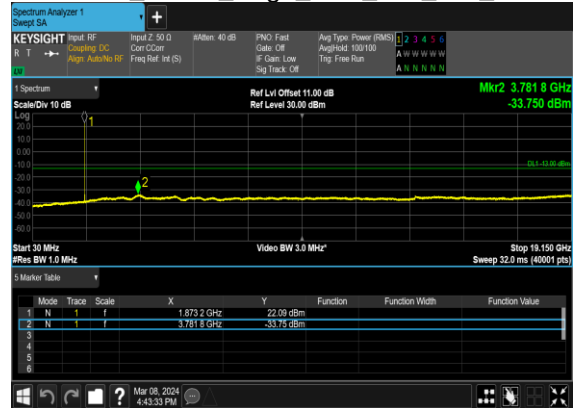
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



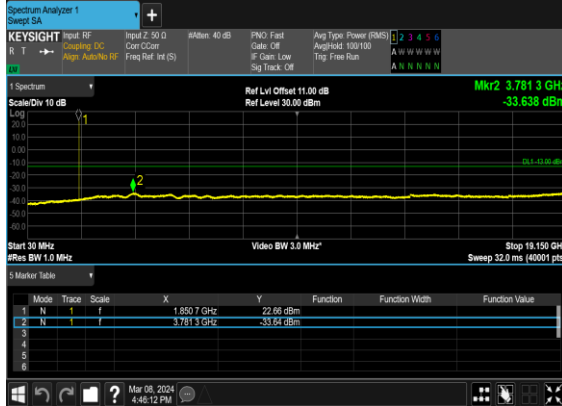
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



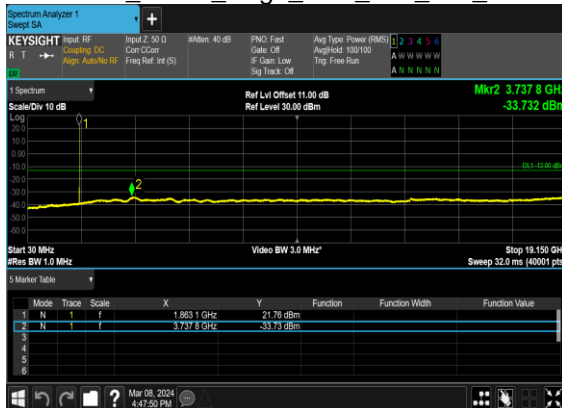
N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



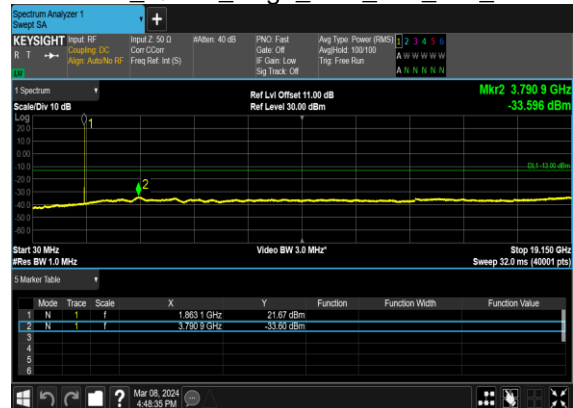
N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



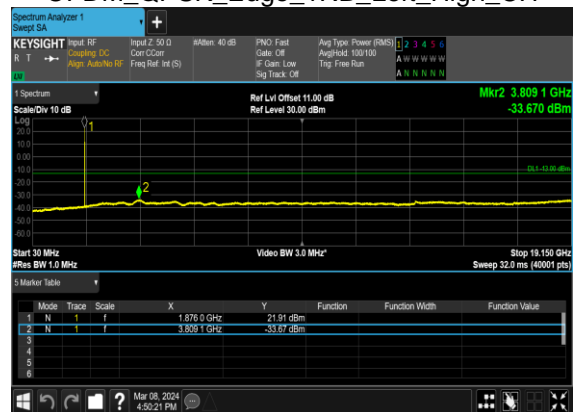
N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



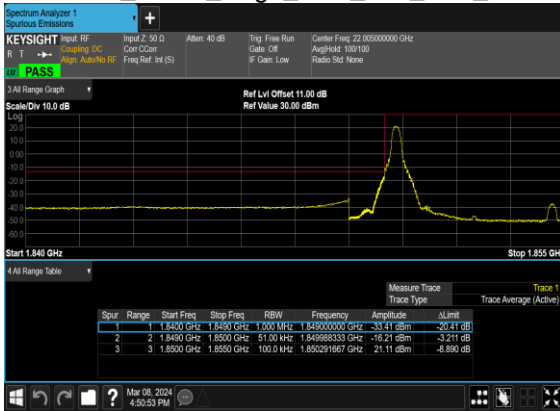
N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



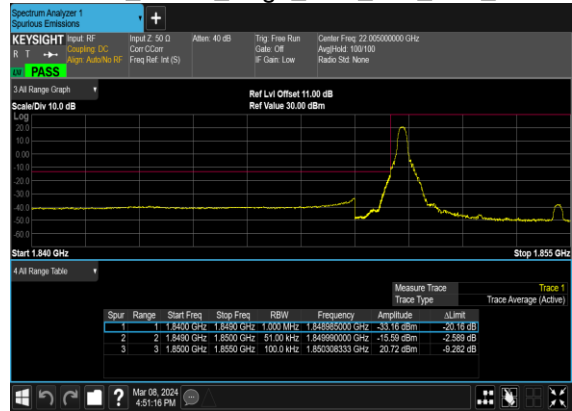
Conducted Band Edge

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

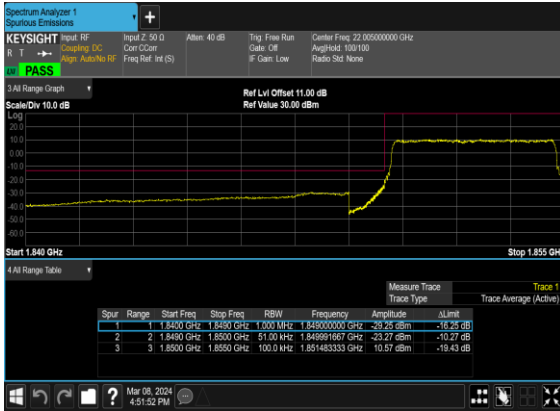
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



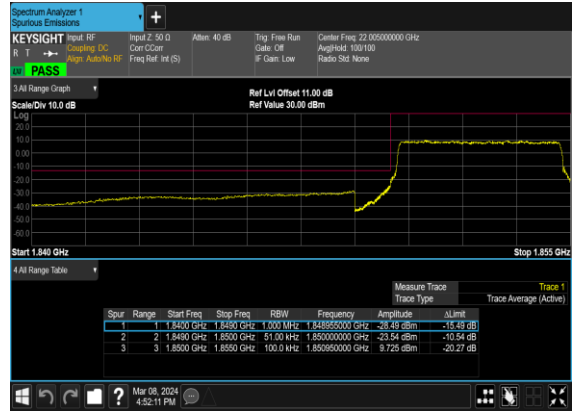
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



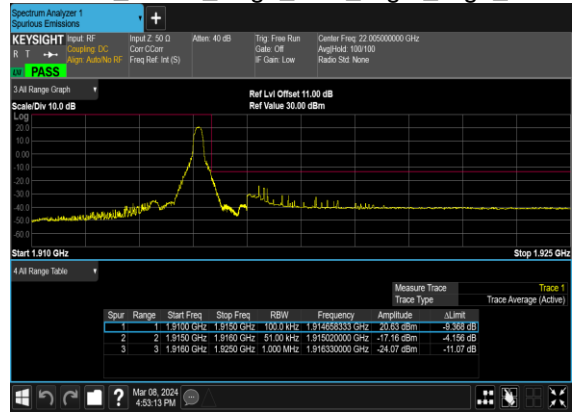
N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



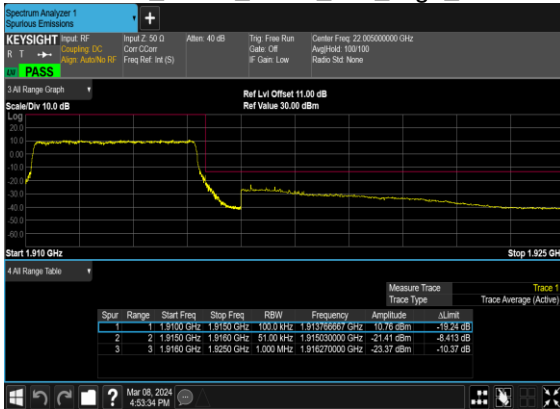
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



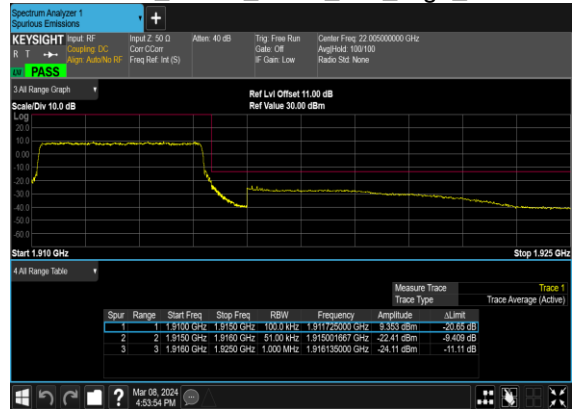
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



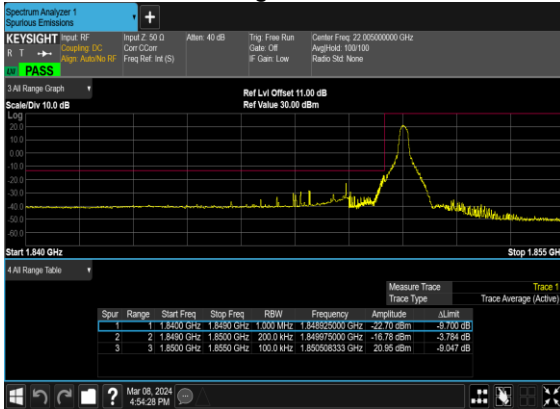
N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



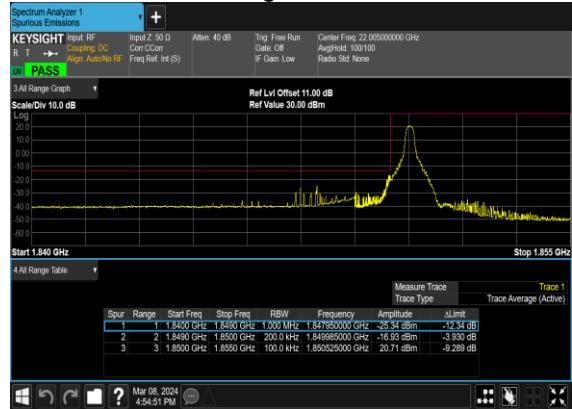
N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



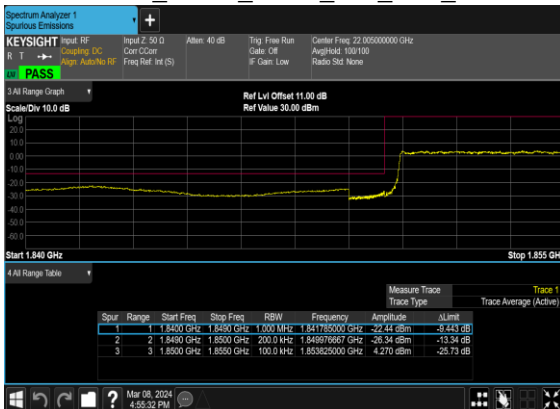
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



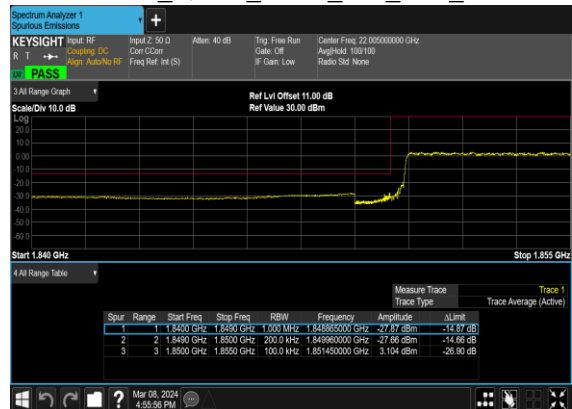
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



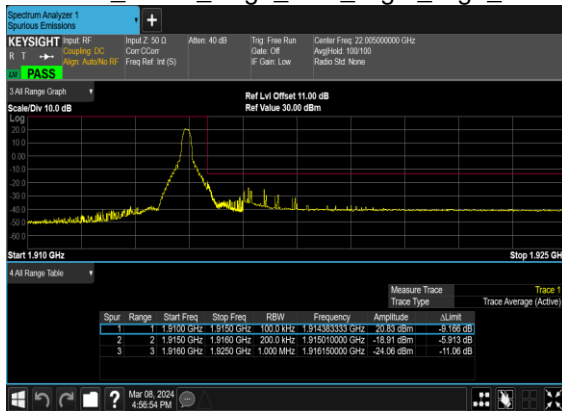
N25(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



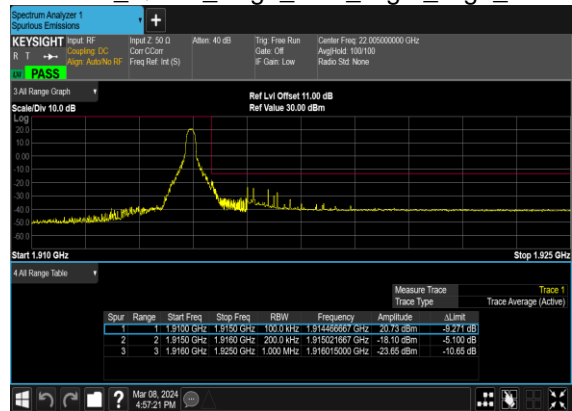
N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



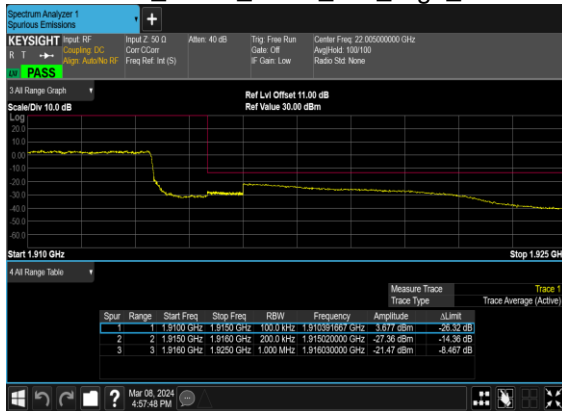
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



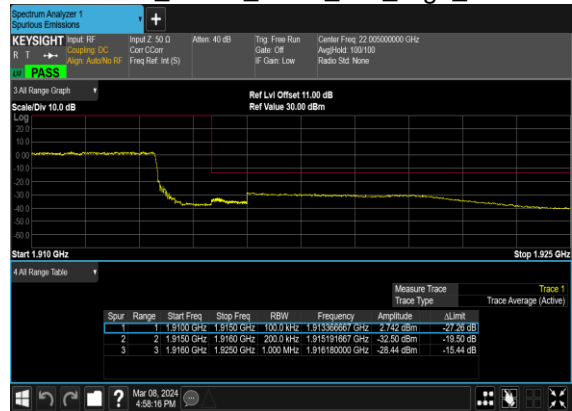
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



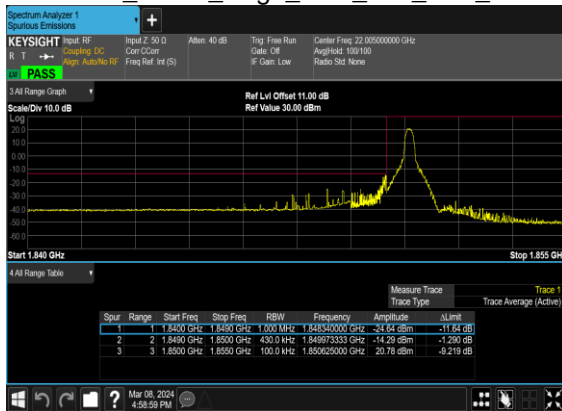
N25(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



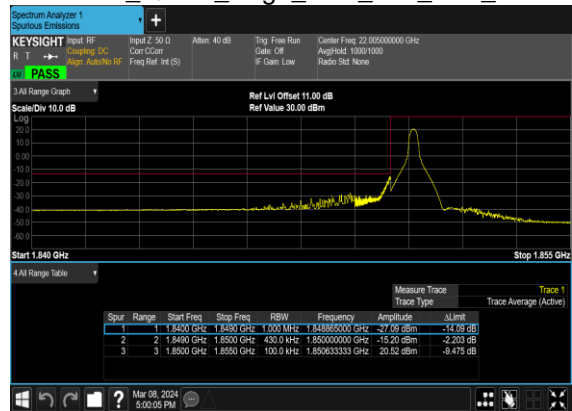
N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



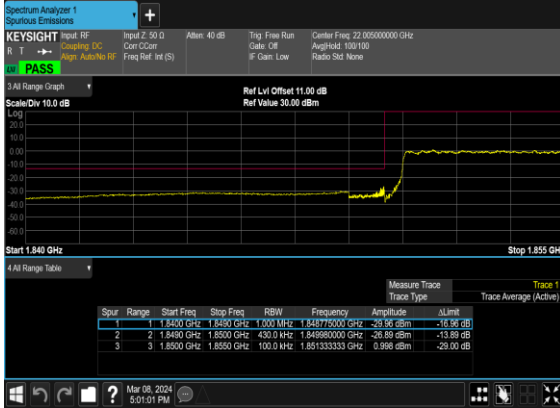
N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



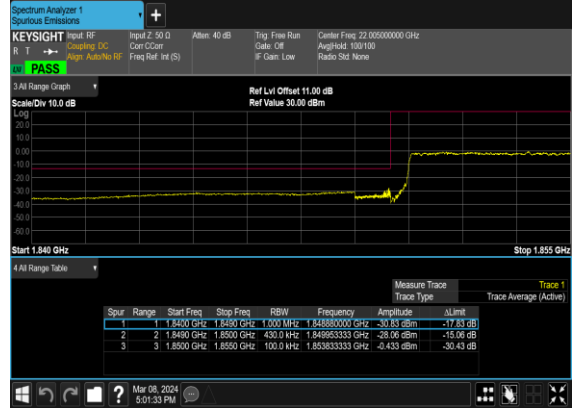
N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



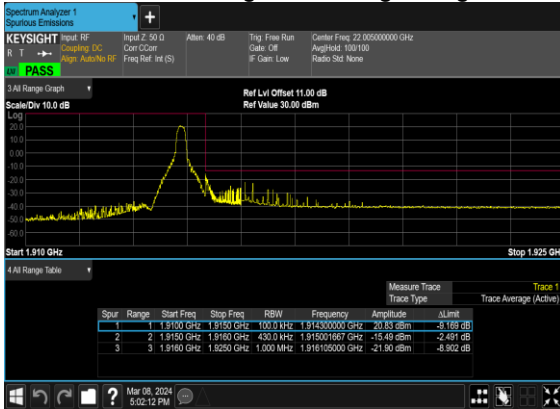
N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



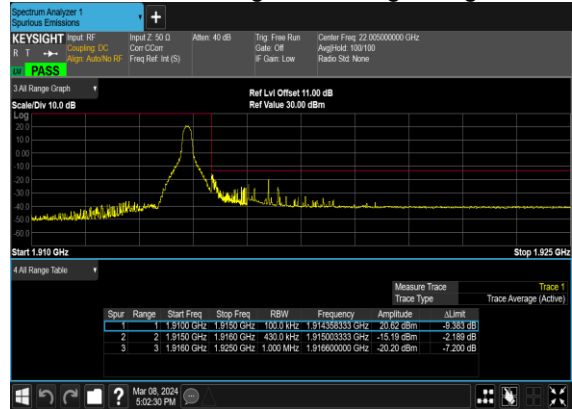
N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



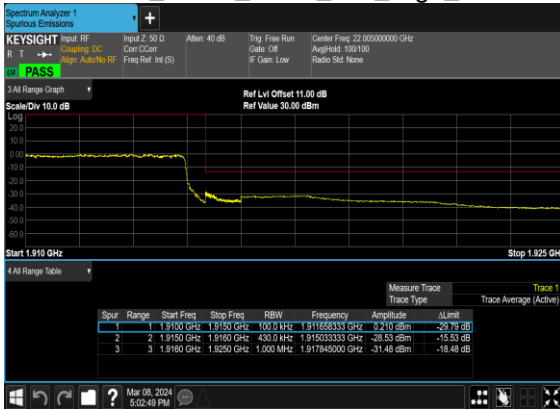
N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



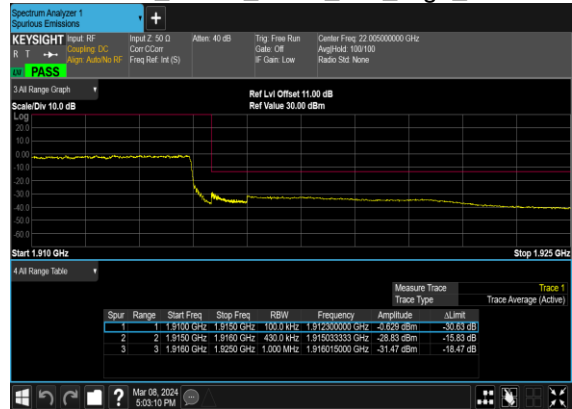
N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 N25 MIMO-ANT3

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0031	PASS	NV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0047	PASS	LV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0064	PASS	HV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0064	PASS	-30°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0043	PASS	-20°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0035	PASS	-10°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0056	PASS	0°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0035	PASS	10°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0031	PASS	20°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0025	PASS	30°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0049	PASS	40°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0028	PASS	50°C

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	3.89	13	PASS
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	4.4	13	PASS

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



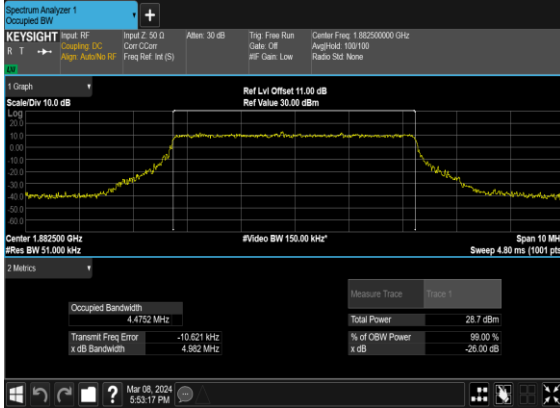
N25(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



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	4.4752	4.982
25	15	5	376500	1882.5	CP-OFDM 16 QAM	25@0	4.4776	5.048
25	15	5	376500	1882.5	CP-OFDM 64 QAM	25@0	4.4795	5.038
25	15	5	376500	1882.5	CP-OFDM 256 QAM	25@0	4.4722	4.976
25	15	10	376500	1882.5	CP-OFDM QPSK	52@0	9.2735	10.02
25	15	10	376500	1882.5	CP-OFDM 16 QAM	52@0	9.2773	10.02
25	15	10	376500	1882.5	CP-OFDM 64 QAM	52@0	9.26	9.916
25	15	10	376500	1882.5	CP-OFDM 256 QAM	52@0	9.2715	10.07
25	15	15	376500	1882.5	CP-OFDM QPSK	79@0	14.078	14.98
25	15	15	376500	1882.5	CP-OFDM 16 QAM	79@0	14.109	14.97
25	15	15	376500	1882.5	CP-OFDM 64 QAM	79@0	14.09	14.97
25	15	15	376500	1882.5	CP-OFDM 256 QAM	79@0	14.127	14.91
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	18.933	19.83
25	15	20	376500	1882.5	CP-OFDM 16 QAM	106@0	18.906	19.96
25	15	20	376500	1882.5	CP-OFDM 64 QAM	106@0	18.946	19.8
25	15	20	376500	1882.5	CP-OFDM 256 QAM	106@0	18.886	20.06
25	15	25	376500	1882.5	CP-OFDM QPSK	133@0	23.772	24.77
25	15	25	376500	1882.5	CP-OFDM 16 QAM	133@0	23.724	24.77
25	15	25	376500	1882.5	CP-OFDM 64 QAM	133@0	23.753	24.8
25	15	25	376500	1882.5	CP-OFDM 256 QAM	133@0	23.814	24.65
25	15	30	376500	1882.5	CP-OFDM QPSK	160@0	28.563	29.64
25	15	30	376500	1882.5	CP-OFDM 16 QAM	160@0	28.543	29.81
25	15	30	376500	1882.5	CP-OFDM 64 QAM	160@0	28.527	29.69
25	15	30	376500	1882.5	CP-OFDM 256 QAM	160@0	28.535	29.66
25	15	35	376500	1882.5	CP-OFDM QPSK	188@0	33.579	34.73
25	15	35	376500	1882.5	CP-OFDM 16 QAM	188@0	33.504	34.77
25	15	35	376500	1882.5	CP-OFDM 64 QAM	188@0	33.598	34.8
25	15	35	376500	1882.5	CP-OFDM 256 QAM	188@0	33.552	34.71
25	15	40	376500	1882.5	CP-OFDM QPSK	216@0	38.567	39.93
25	15	40	376500	1882.5	CP-OFDM 16 QAM	216@0	38.472	39.91
25	15	40	376500	1882.5	CP-OFDM 64 QAM	216@0	38.554	39.92
25	15	40	376500	1882.5	CP-OFDM 256 QAM	216@0	38.55	39.85

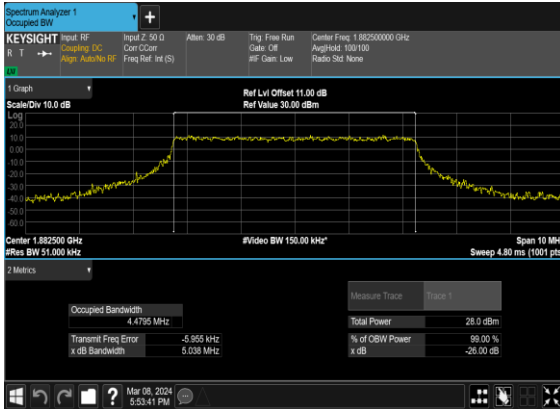
N25(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N25(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



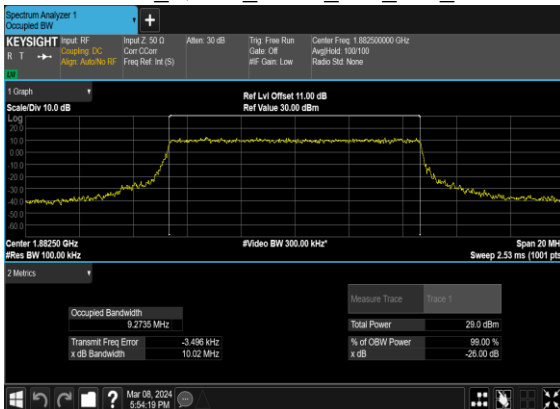
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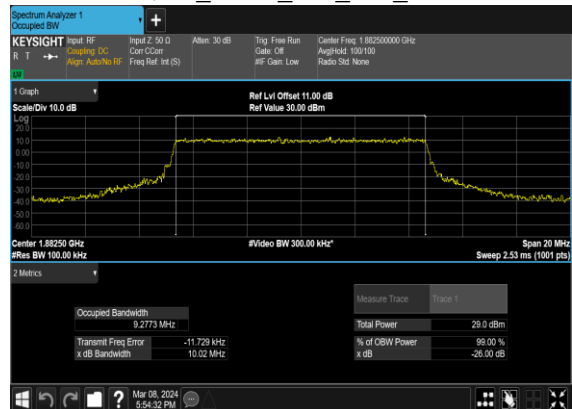
N25(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



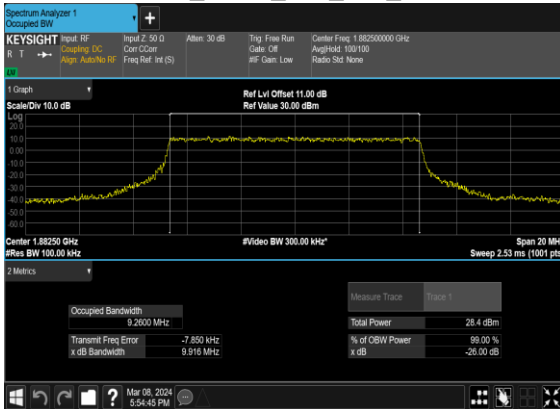
N25(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



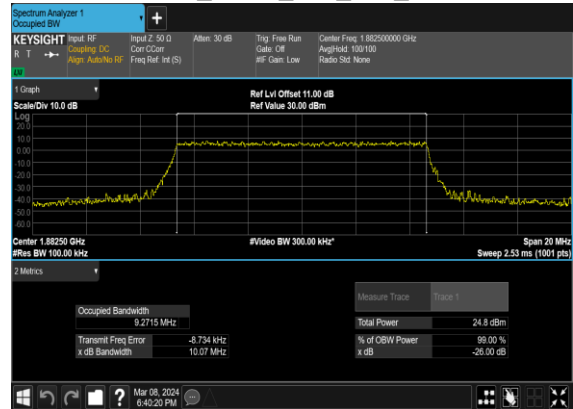
N25(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N25(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



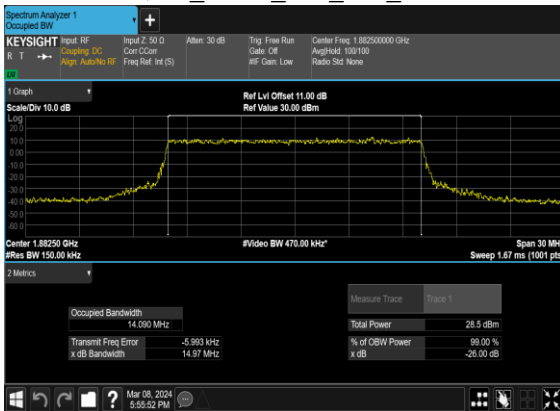
N25(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



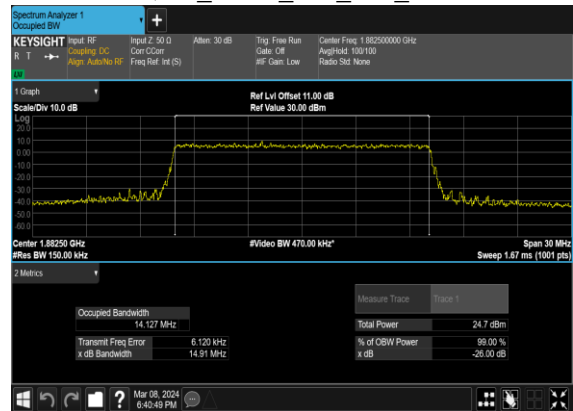
N25(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N25(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N25(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



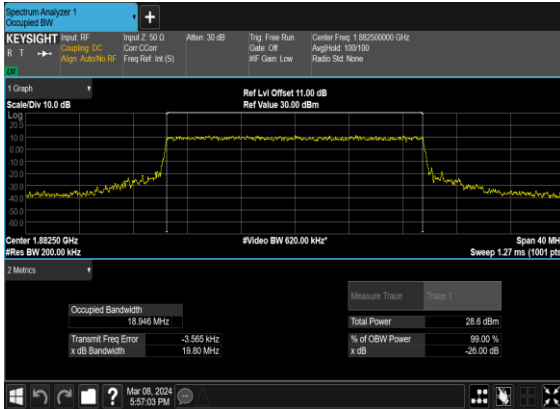
N25(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



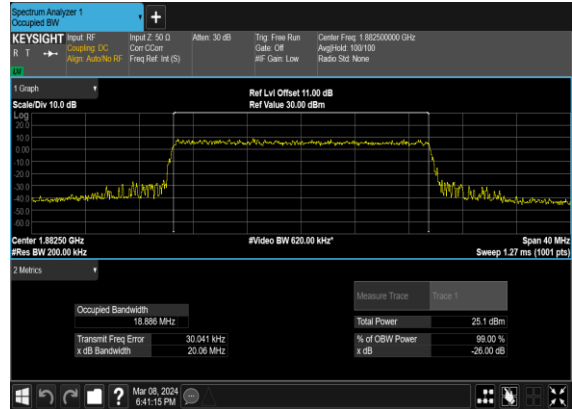
N25(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



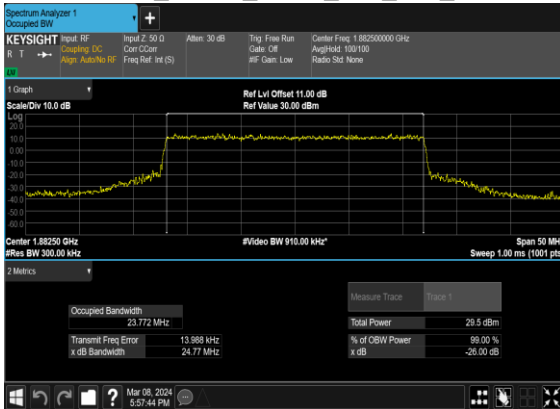
N25(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N25(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N25(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N25(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

