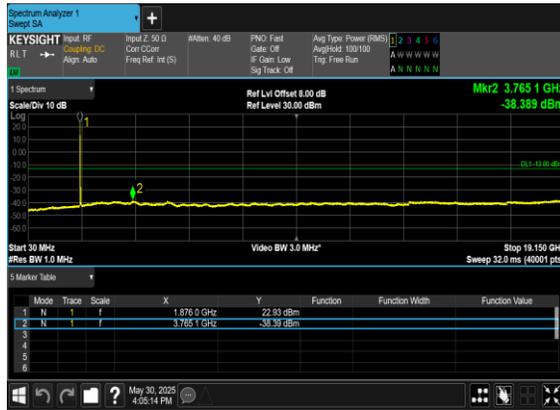
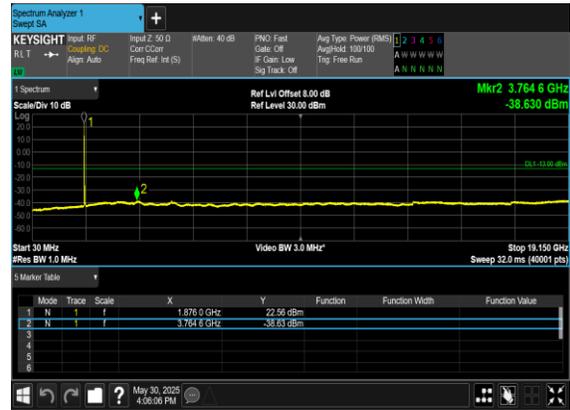




N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



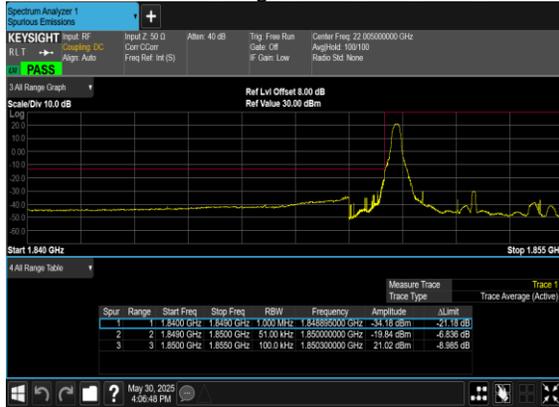


Conducted Band Edge

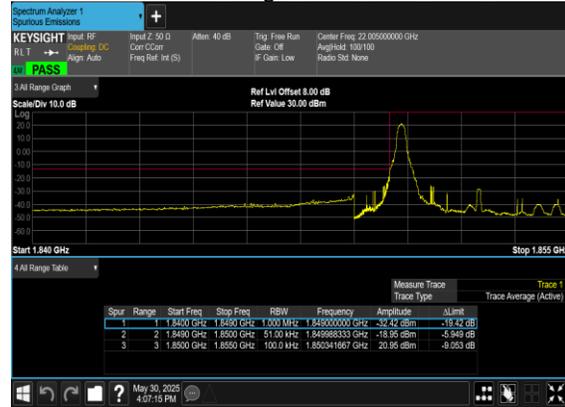
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	25@0	see graph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

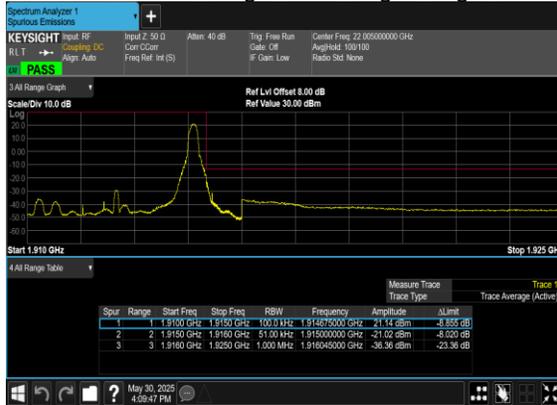


N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

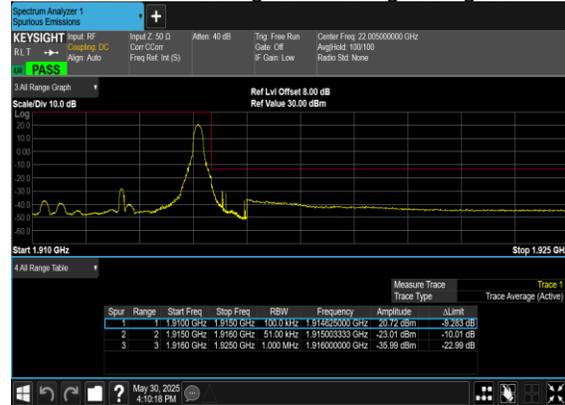




N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

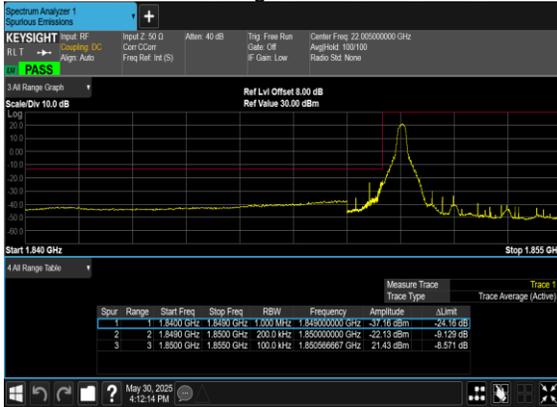


N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

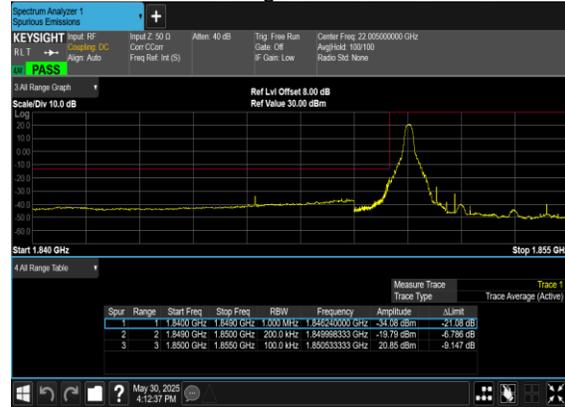




N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



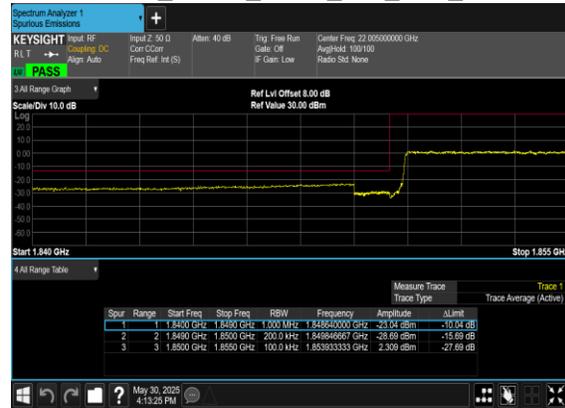
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

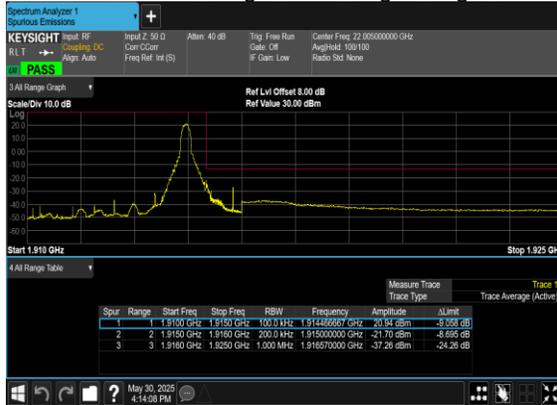


N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

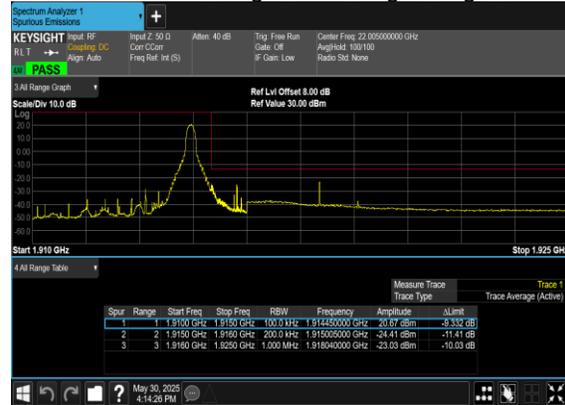




N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



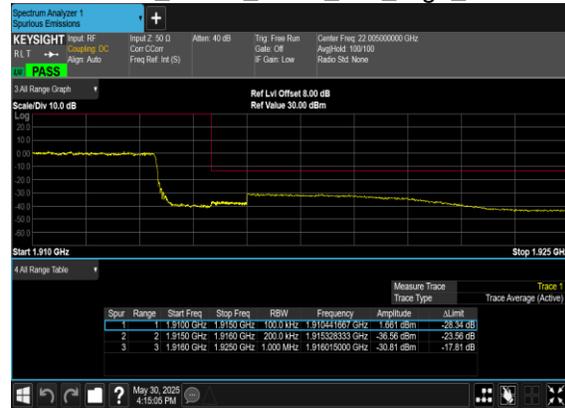
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N25(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

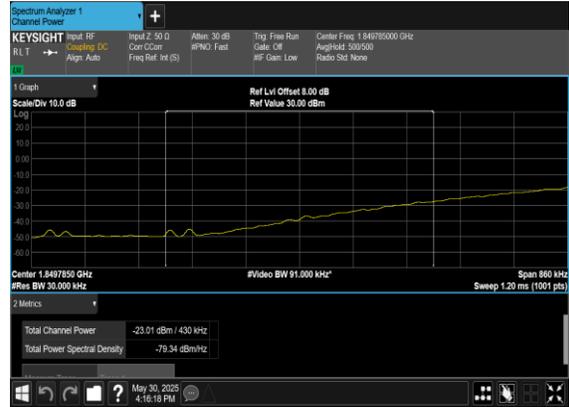




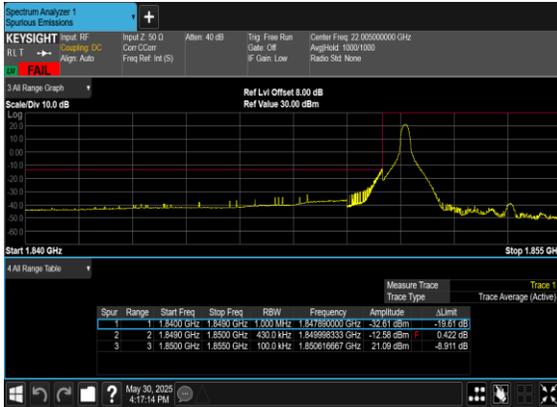
N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH CHP_PASS



N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

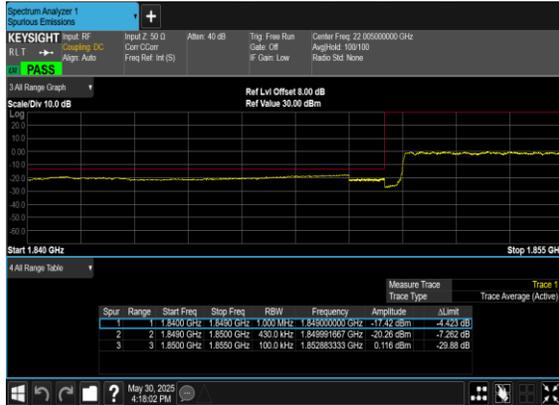


N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH CHP_PASS

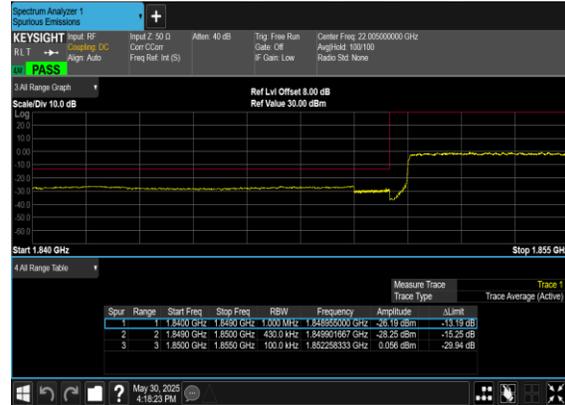




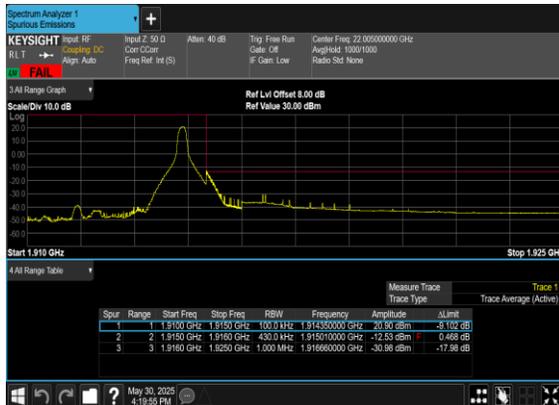
N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



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_BPSK_Edge_1RB_Right_High_CH_CHP_PASS





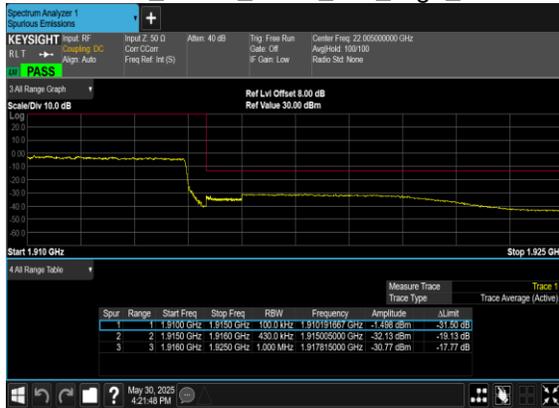
N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



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 N26(ANT1)

Transmitter Conducted Output Power and ERP, (GT - LC)= -2.3dB

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
26	15	5	165300	826.5	DFT-s-OFDM QPSK	12@6	24.98	20.53	0.1130
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	25.18	20.73	0.1183
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@23	25.22	20.77	0.1194
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	12@6	23.99	19.54	0.0899
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	24.16	19.71	0.0935
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@23	24.23	19.78	0.0951
26	15	5	167300	836.5	DFT-s-OFDM QPSK	12@6	25.03	20.58	0.1143
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	25.25	20.8	0.1202
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@23	25.31	20.86	0.1219
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	12@6	24.1	19.65	0.0923
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	24.3	19.85	0.0966
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@23	24.29	19.84	0.0964
26	15	5	169300	846.5	DFT-s-OFDM QPSK	12@6	24.97	20.52	0.1127
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	25.29	20.84	0.1213
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@23	25.2	20.75	0.1189
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	12@6	24.08	19.63	0.0918
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	24.25	19.8	0.0955
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@23	24.14	19.69	0.0931
26	15	10	165800	829	DFT-s-OFDM QPSK	25@12	25.08	20.63	0.1156
26	15	10	165800	829	DFT-s-OFDM QPSK	1@1	25.21	20.76	0.1191
26	15	10	165800	829	DFT-s-OFDM QPSK	1@50	25.25	20.8	0.1202
26	15	10	165800	829	DFT-s-OFDM 16 QAM	25@12	24.12	19.67	0.0927
26	15	10	165800	829	DFT-s-OFDM 16 QAM	1@1	24.15	19.7	0.0933
26	15	10	165800	829	DFT-s-OFDM 16 QAM	1@50	24.24	19.79	0.0953
26	15	10	167300	836.5	DFT-s-OFDM QPSK	25@12	25.11	20.66	0.1164
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	25.3	20.85	0.1216
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@50	25.33	20.88	0.1225
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	25@12	24.15	19.7	0.0933
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	24.31	19.86	0.0968
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@50	24.29	19.84	0.0964
26	15	10	168800	844	DFT-s-OFDM QPSK	25@12	25.04	20.59	0.1146
26	15	10	168800	844	DFT-s-OFDM QPSK	1@1	25.22	20.77	0.1194
26	15	10	168800	844	DFT-s-OFDM QPSK	1@50	25.19	20.74	0.1186



NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
26	15	10	168800	844	DFT-s-OFDM 16 QAM	25@12	24.07	19.62	0.0916
26	15	10	168800	844	DFT-s-OFDM 16 QAM	1@1	24.27	19.82	0.0959
26	15	10	168800	844	DFT-s-OFDM 16 QAM	1@50	24.09	19.64	0.0920
26	15	15	166300	831.5	DFT-s-OFDM QPSK	36@18	25.12	20.67	0.1167
26	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	25.13	20.68	0.1169
26	15	15	166300	831.5	DFT-s-OFDM QPSK	1@77	25.41	20.96	0.1247
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	36@18	24.19	19.74	0.0942
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	24.2	19.75	0.0944
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@77	24.33	19.88	0.0973
26	15	15	167300	836.5	DFT-s-OFDM QPSK	36@18	25.13	20.68	0.1169
26	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	25.34	20.89	0.1227
26	15	15	167300	836.5	DFT-s-OFDM QPSK	1@77	25.38	20.93	0.1239
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	36@18	24.19	19.74	0.0942
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	24.32	19.87	0.0971
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@77	24.32	19.87	0.0971
26	15	15	168300	841.5	DFT-s-OFDM QPSK	36@18	25.13	20.68	0.1169
26	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	25.4	20.95	0.1245
26	15	15	168300	841.5	DFT-s-OFDM QPSK	1@77	25.29	20.84	0.1213
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	36@18	24.19	19.74	0.0942
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	24.32	19.87	0.0971
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@77	24.22	19.77	0.0948
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	50@25	24.22	19.77	0.0948
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@1	24.06	19.61	0.0914
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@104	24.12	19.67	0.0927
26	15	20	166800	834	DFT-s-OFDM QPSK	50@25	25.24	20.79	0.1199
26	15	20	166800	834	DFT-s-OFDM QPSK	1@1	25.32	20.87	0.1222
26	15	20	166800	834	DFT-s-OFDM QPSK	1@104	25.42	20.97	0.1250
26	15	20	166800	834	DFT-s-OFDM 16 QAM	50@25	24.31	19.86	0.0968
26	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	24.23	19.78	0.0951
26	15	20	166800	834	DFT-s-OFDM 16 QAM	1@104	24.29	19.84	0.0964
26	15	20	166800	834	DFT-s-OFDM 64 QAM	50@25	22.82	18.37	0.0687
26	15	20	166800	834	DFT-s-OFDM 64 QAM	1@1	22.43	17.98	0.0628
26	15	20	166800	834	DFT-s-OFDM 64 QAM	1@104	22.43	17.98	0.0628
26	15	20	166800	834	DFT-s-OFDM 256 QAM	50@25	20.8	16.35	0.0432
26	15	20	166800	834	DFT-s-OFDM 256 QAM	1@1	20.64	16.19	0.0416
26	15	20	166800	834	DFT-s-OFDM 256 QAM	1@104	20.66	16.21	0.0418
26	15	20	166800	834	CP-OFDM QPSK	53@26	23.72	19.27	0.0845
26	15	20	166800	834	CP-OFDM QPSK	1@1	23.59	19.14	0.0820
26	15	20	166800	834	CP-OFDM QPSK	1@104	23.73	19.28	0.0847
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	24.25	19.8	0.0955



NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	24.06	19.61	0.0914
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	24.11	19.66	0.0925
26	15	20	167300	836.5	DFT-s-OFDM QPSK	50@25	25.24	20.79	0.1199
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	25.36	20.91	0.1233
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@104	25.39	20.94	0.1242
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	50@25	24.33	19.88	0.0973
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	24.26	19.81	0.0957
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@104	24.26	19.81	0.0957
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	50@25	22.85	18.4	0.0692
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@1	22.54	18.09	0.0644
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@104	22.42	17.97	0.0627
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	50@25	20.83	16.38	0.0435
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@1	20.7	16.25	0.0422
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@104	20.64	16.19	0.0416
26	15	20	167300	836.5	CP-OFDM QPSK	53@26	23.72	19.27	0.0845
26	15	20	167300	836.5	CP-OFDM QPSK	1@1	23.64	19.19	0.0830
26	15	20	167300	836.5	CP-OFDM QPSK	1@104	23.81	19.36	0.0863
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	50@25	24.2	19.75	0.0944
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@1	24.14	19.69	0.0931
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@104	24.01	19.56	0.0904
26	15	20	167800	839	DFT-s-OFDM QPSK	50@25	25.24	20.79	0.1199
26	15	20	167800	839	DFT-s-OFDM QPSK	1@1	25.41	20.96	0.1247
26	15	20	167800	839	DFT-s-OFDM QPSK	1@104	25.36	20.91	0.1233
26	15	20	167800	839	DFT-s-OFDM 16 QAM	50@25	24.33	19.88	0.0973
26	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	24.32	19.87	0.0971
26	15	20	167800	839	DFT-s-OFDM 16 QAM	1@104	24.19	19.74	0.0942
26	15	20	167800	839	DFT-s-OFDM 64 QAM	50@25	22.83	18.38	0.0689
26	15	20	167800	839	DFT-s-OFDM 64 QAM	1@1	22.56	18.11	0.0647
26	15	20	167800	839	DFT-s-OFDM 64 QAM	1@104	22.46	18.01	0.0632
26	15	20	167800	839	DFT-s-OFDM 256 QAM	50@25	20.78	16.33	0.0430
26	15	20	167800	839	DFT-s-OFDM 256 QAM	1@1	20.66	16.21	0.0418
26	15	20	167800	839	DFT-s-OFDM 256 QAM	1@104	20.59	16.14	0.0411
26	15	20	167800	839	CP-OFDM QPSK	53@26	23.72	19.27	0.0845
26	15	20	167800	839	CP-OFDM QPSK	1@1	23.72	19.27	0.0845
26	15	20	167800	839	CP-OFDM QPSK	1@104	23.67	19.22	0.0836



FR1 N26(ANT0)

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0032	PASS	NV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0068	PASS	LV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0055	PASS	HV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0042	PASS	-30°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0029	PASS	-20°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0047	PASS	-10°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0069	PASS	0°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0038	PASS	10°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0032	PASS	20°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0054	PASS	30°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0025	PASS	40°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0049	PASS	50°C



Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	3.91	13	PASS
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	5.14	13	PASS

N26(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N26(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)
26	15	5	167300	836.5	CP-OFDM QPSK	25@0	4.455	4.802
26	15	5	167300	836.5	CP-OFDM 16 QAM	25@0	4.4739	4.828
26	15	5	167300	836.5	CP-OFDM 64 QAM	25@0	4.481	4.824
26	15	5	167300	836.5	CP-OFDM 256 QAM	25@0	4.4723	4.859
26	15	10	167300	836.5	CP-OFDM QPSK	52@0	9.2736	9.749
26	15	10	167300	836.5	CP-OFDM 16 QAM	52@0	9.2727	9.713
26	15	10	167300	836.5	CP-OFDM 64 QAM	52@0	9.2768	9.71
26	15	10	167300	836.5	CP-OFDM 256 QAM	52@0	9.267	9.677
26	15	15	167300	836.5	CP-OFDM QPSK	79@0	14.079	14.68
26	15	15	167300	836.5	CP-OFDM 16 QAM	79@0	14.091	14.72
26	15	15	167300	836.5	CP-OFDM 64 QAM	79@0	14.092	14.71
26	15	15	167300	836.5	CP-OFDM 256 QAM	79@0	14.103	14.65
26	15	20	167300	836.5	CP-OFDM QPSK	106@0	18.858	19.68
26	15	20	167300	836.5	CP-OFDM 16 QAM	106@0	18.89	19.56
26	15	20	167300	836.5	CP-OFDM 64 QAM	106@0	18.849	19.58
26	15	20	167300	836.5	CP-OFDM 256 QAM	106@0	18.864	19.65



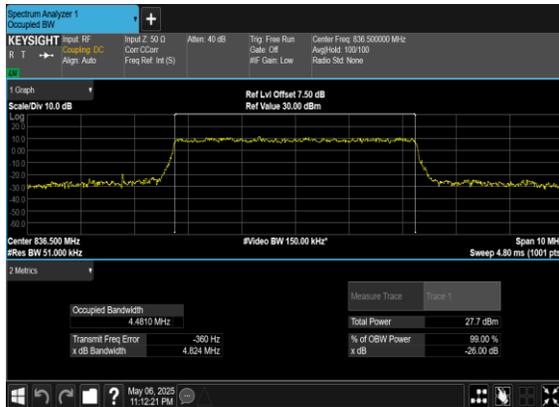
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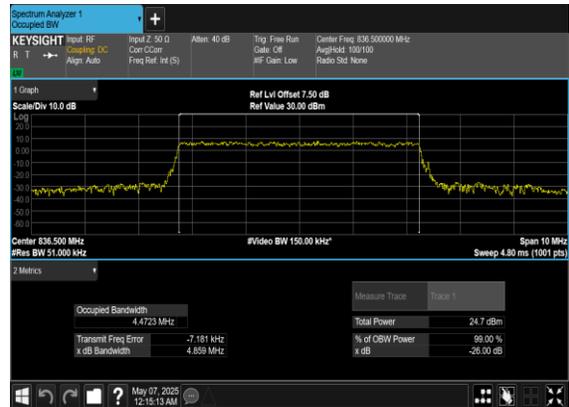
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N26(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

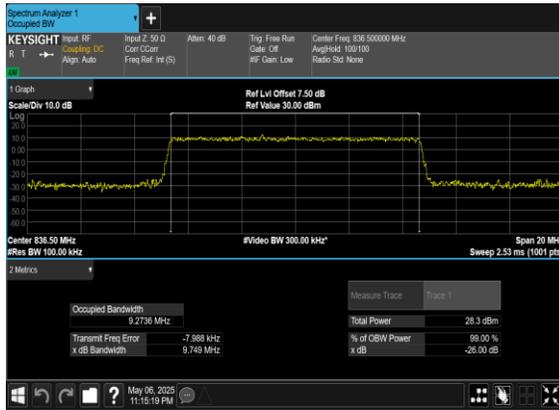


N26(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





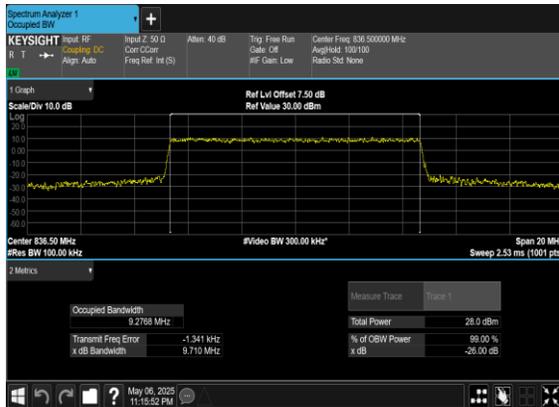
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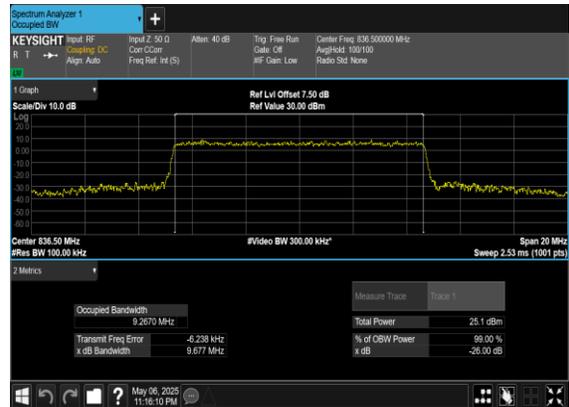
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N26(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N26(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

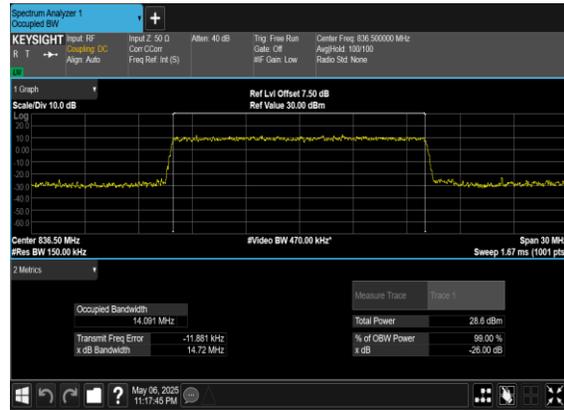




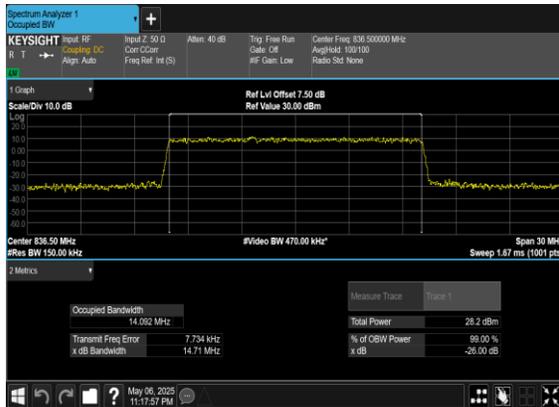
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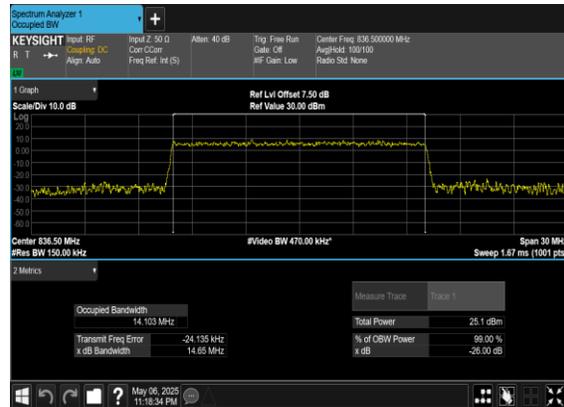
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N26(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

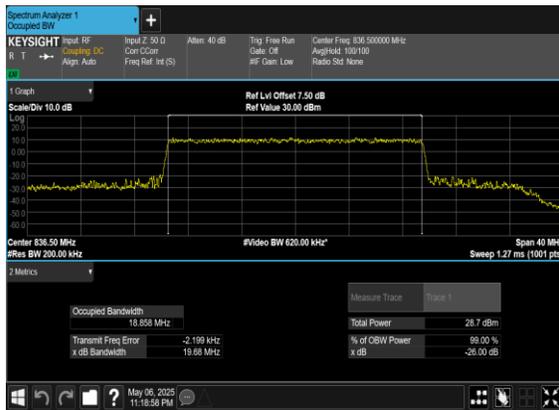


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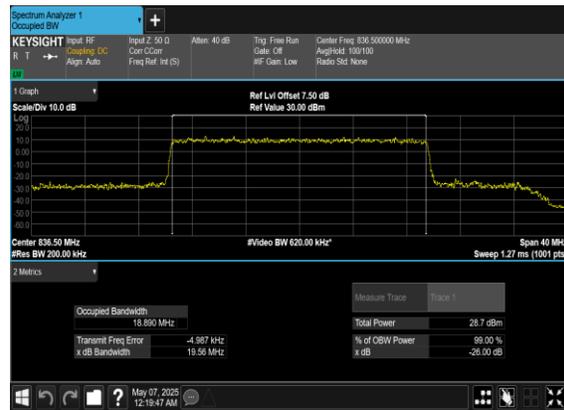




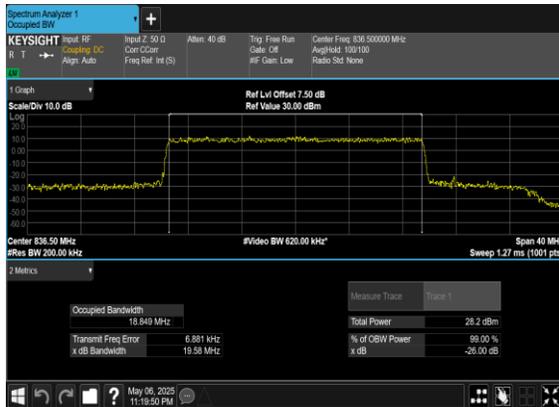
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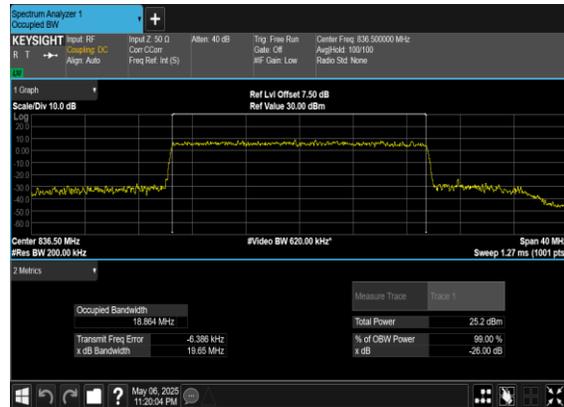
N26(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N26(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N26(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
26	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	---
26	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	5	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
26	15	5	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	5	169300	846.5	DFT-s-OFDM BPSK	1@0	see graph	---
26	15	5	169300	846.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	10	165800	829.0	DFT-s-OFDM BPSK	1@0	see graph	---
26	15	10	165800	829.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	10	165800	829.0	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	10	165800	829.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	10	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
26	15	10	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	10	168800	844.0	DFT-s-OFDM BPSK	1@0	see graph	---



26	15	10	168800	844.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	10	168800	844.0	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	10	168800	844.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	see graph	---
26	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	20	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
26	15	20	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	20	167800	839.0	DFT-s-OFDM BPSK	1@0	see graph	---
26	15	20	167800	839.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	20	167800	839.0	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	20	167800	839.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



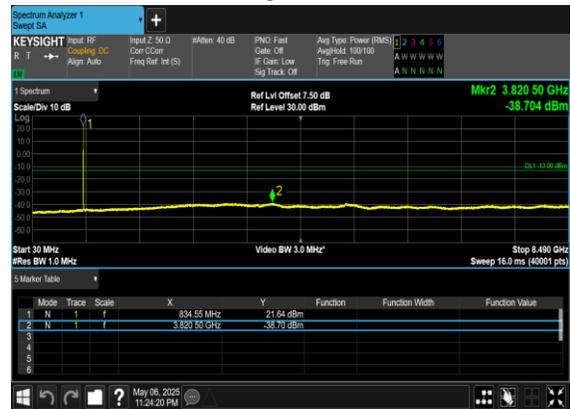
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N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

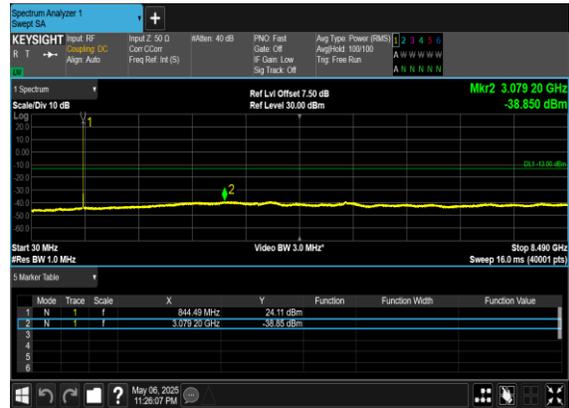




N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



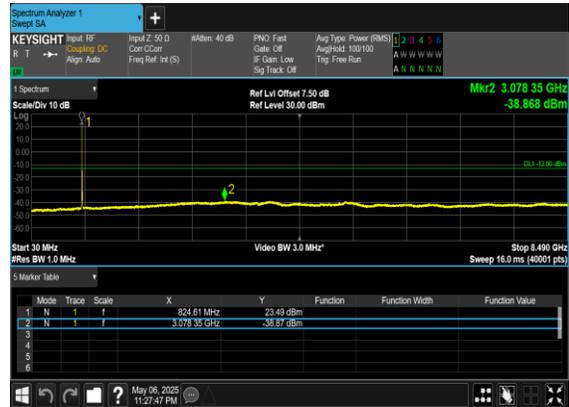
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N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH





N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



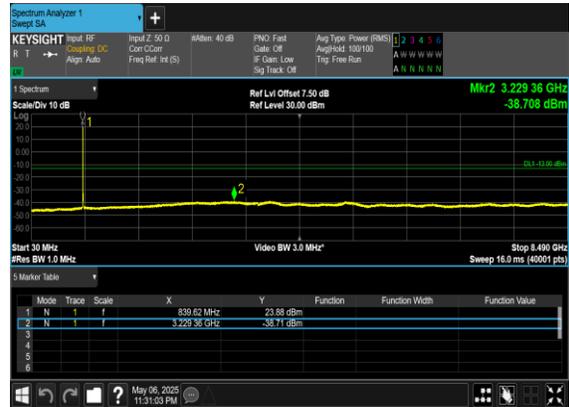
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N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH





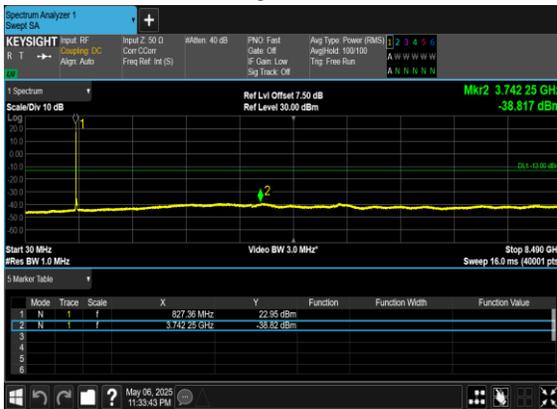
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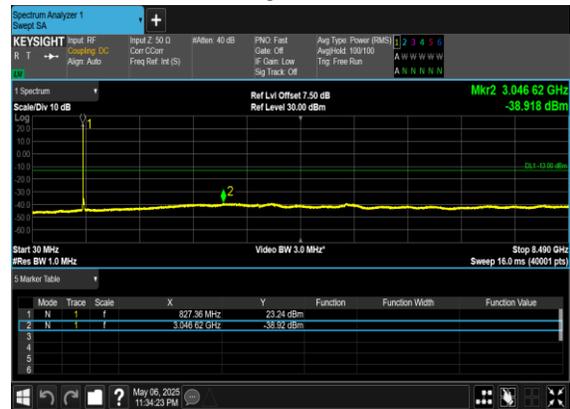
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N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH





N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH





Conducted Band Edge

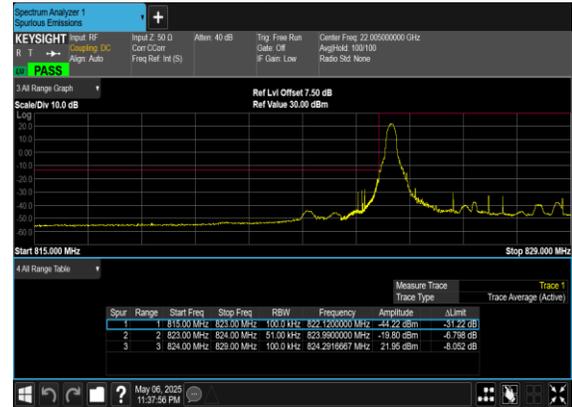
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
26	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	5	165300	826.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
26	15	5	165300	826.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
26	15	5	169300	846.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
26	15	5	169300	846.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
26	15	5	169300	846.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
26	15	10	165800	829.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	10	165800	829.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	10	165800	829.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
26	15	10	165800	829.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
26	15	10	168800	844.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
26	15	10	168800	844.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
26	15	10	168800	844.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
26	15	10	168800	844.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
26	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	20	166800	834.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
26	15	20	166800	834.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
26	15	20	167800	839.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
26	15	20	167800	839.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
26	15	20	167800	839.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
26	15	20	167800	839.0	DFT-s-OFDM QPSK	100@0	see graph	PASS



N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



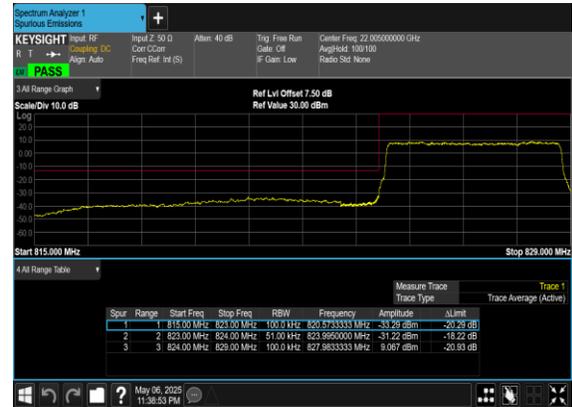
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N26(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N26(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

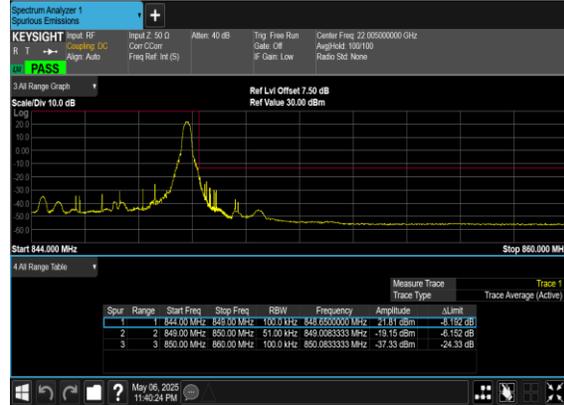




N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N26(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N26(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



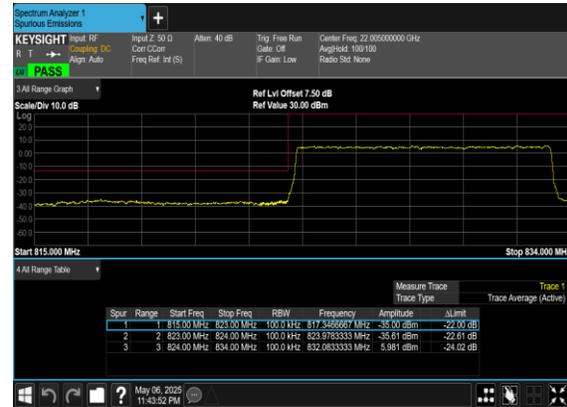
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N26(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH





N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N26(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

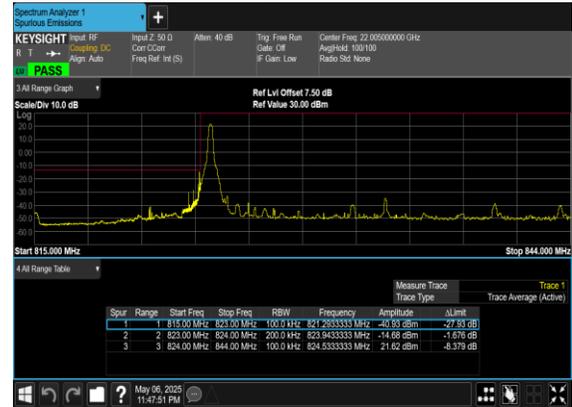




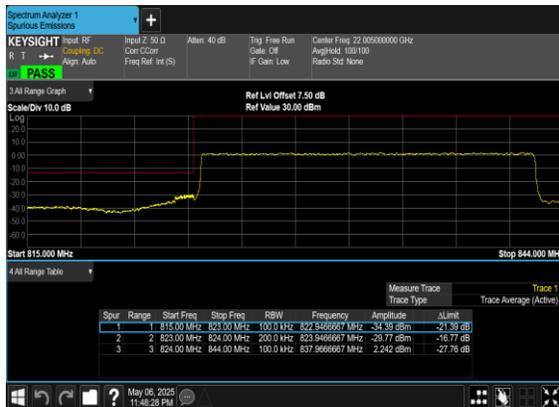
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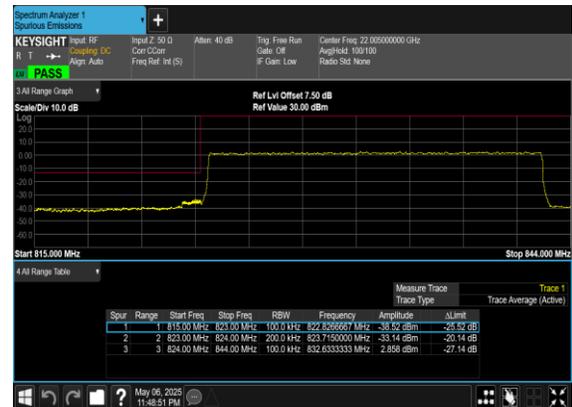
N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N26(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH





N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N26(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	LiangPing Zhou	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

n2 SA / 20MHz / QPSK(ANT3)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3742	-61.12	-13	-48.12	-78.87	-67.87	5.85	12.60	H
	5613	-48.86	-13	-35.86	-70.57	-54.66	7.30	13.10	H
	7484	-54.51	-13	-41.51	-80.78	-57.66	8.35	11.50	H
	3742	-59.46	-13	-46.46	-77.13	-66.21	5.85	12.60	V
	5613	-47.67	-13	-34.67	-69.57	-53.47	7.30	13.10	V
	7484	-54.67	-13	-41.67	-80.93	-57.82	8.35	11.50	V

n25 SA / 40MHz / QPSK(ANT3)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3732	-61.26	-13	-48.26	-79.01	-68.01	5.85	12.60	H
	5598	-55.54	-13	-42.54	-77.21	-61.34	7.30	13.10	H
	7464	-54.26	-13	-41.26	-80.57	-57.41	8.35	11.50	H
	3732	-60.06	-13	-47.06	-77.73	-66.81	5.85	12.60	V
	5598	-54.50	-13	-41.50	-76.36	-60.30	7.30	13.10	V
	7464	-54.59	-13	-41.59	-80.9	-57.74	8.35	11.50	V



n26 SA / 20MHz / QPSK(ANT1)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1655	-65.41	-13	-52.41	-74.97	-68.66	4.00	9.40	H
	2482.5	-57.34	-13	-44.34	-71.29	-60.91	4.88	10.60	H
	3310	-62.31	-13	-49.31	-77.96	-67.24	5.52	12.60	H
	1655	-66.00	-13	-53.00	-75.16	-69.25	4.00	9.40	V
	2482.5	-60.83	-13	-47.83	-74.75	-64.40	4.88	10.60	V
	3310	-62.10	-13	-49.10	-77.53	-67.03	5.52	12.60	V

EN-DC_7A_n5A / LTE 10MHz + NR 20MHz / QPSK (ANT2+1) – n5 other PA									
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n5 Middle	1655	-55.26	-13	-42.26	-64.82	-58.51	4.00	9.40	H
	2482.5	-59.08	-13	-46.08	-73.03	-62.65	4.88	10.60	H
	3310	-62.68	-13	-49.68	-78.33	-67.61	5.52	12.60	H
	1655	-58.56	-13	-45.56	-67.72	-61.81	4.00	9.40	V
	2482.5	-63.26	-13	-50.26	-77.18	-66.83	4.88	10.60	V
	3310	-63.06	-13	-50.06	-78.49	-67.99	5.52	12.60	V
LTE Band7 Middle	5070.00	-60.80	-25	-35.80	-82.66	-66.36	7.14	12.70	H
	7605.00	-54.90	-25	-29.90	-80.93	-58.20	8.30	11.60	H
	10140.00	-50.19	-25	-25.19	-81.76	-51.71	10.48	12.00	H
	5070.00	-60.23	-25	-35.23	-82.23	-65.79	7.14	12.70	V
	7605.00	-55.04	-25	-30.04	-81.01	-58.34	8.30	11.60	V
	10140.00	-51.79	-25	-26.79	-82.03	-53.31	10.48	12.00	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.