Software Version: 23.06.1602

FR1 n5(Ant0)

Transmitter Conducted Output Power And ERP, (G_T - L_C)=-3.1dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP (W)
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	24.04	18.79	0.0757
5	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	23.11	17.86	0.0611
5	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	24.08	18.83	0.0764
5	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.14	17.89	0.0615
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	24	18.75	0.0750
5	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	22.96	17.71	0.0590
5	15	10	165800	829	DFT-s-OFDM QPSK	1@1	24.14	18.89	0.0774
5	15	10	165800	829	DFT-s-OFDM 16 QAM	1@1	23.04	17.79	0.0601
5	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	24.07	18.82	0.0762
5	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.11	17.86	0.0611
5	15	10	168800	844	DFT-s-OFDM QPSK	1@1	23.93	18.68	0.0738
5	15	10	168800	844	DFT-s-OFDM 16 QAM	1@1	23	17.75	0.0596
5	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	24.05	18.8	0.0759
5	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	23.09	17.84	0.0608
5	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	24.24	18.99	0.0793
5	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.16	17.91	0.0618
5	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	24.01	18.76	0.0752
5	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	23.14	17.89	0.0615
5	15	20	166800	834	DFT-s-OFDM QPSK	1@1	24.16	18.91	0.0778
5	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	23.05	17.8	0.0603
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	24.2	18.95	0.0785
5	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.1	17.85	0.0610
5	15	20	167800	839	DFT-s-OFDM QPSK	1@1	24.21	18.96	0.0787
5	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	23.21	17.96	0.0625
5	15	25	167300	836.5	DFT-s-OFDM PI/2 BPSK	64@32	24.06	18.81	0.0760
5	15	25	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	24.13	18.88	0.0773

5	15	25	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@131	23.76	18.51	0.0710
5	15	25	167300	836.5	DFT-s-OFDM QPSK	64@32	24.13	18.88	0.0773
5	15	25	167300	836.5	DFT-s-OFDM QPSK	1@1	24.25	19	0.0794
5	15	25	167300	836.5	DFT-s-OFDM QPSK	1@131	23.93	18.68	0.0738
5	15	25	167300	836.5	DFT-s-OFDM 16 QAM	64@32	23.06	17.81	0.0604
5	15	25	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.15	17.9	0.0617
5	15	25	167300	836.5	DFT-s-OFDM 16 QAM	1@131	22.95	17.7	0.0589
5	15	25	167300	836.5	DFT-s-OFDM 64 QAM	64@32	21.58	16.33	0.0430
5	15	25	167300	836.5	DFT-s-OFDM 64 QAM	1@1	21.28	16.03	0.0401
5	15	25	167300	836.5	DFT-s-OFDM 64 QAM	1@131	21.14	15.89	0.0388
5	15	25	167300	836.5	DFT-s-OFDM 256 QAM	64@32	19.55	14.3	0.0269
5	15	25	167300	836.5	DFT-s-OFDM 256 QAM	1@1	19.45	14.2	0.0263
5	15	25	167300	836.5	DFT-s-OFDM 256 QAM	1@131	19.25	14	0.0251
5	15	25	167300	836.5	CP-OFDM QPSK	67@33	22.61	17.36	0.0545
5	15	25	167300	836.5	CP-OFDM QPSK	1@1	22.57	17.32	0.0540
5	15	25	167300	836.5	CP-OFDM QPSK	1@131	22.36	17.11	0.0514

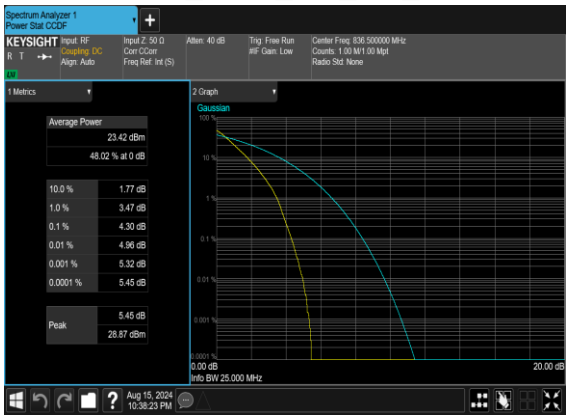
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0055	**PASS**	NV
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0029	**PASS**	LV
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0060	**PASS**	HV
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0037	**PASS**	-30℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0029	**PASS**	-20℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0027	**PASS**	-10℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0063	**PASS**	0℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0021	**PASS**	10℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0055	**PASS**	20℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0035	**PASS**	30℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0037	**PASS**	40℃
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0054	**PASS**	50℃

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	4.3	13	**PASS**
5	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	5.39	13	**PASS**

N5(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

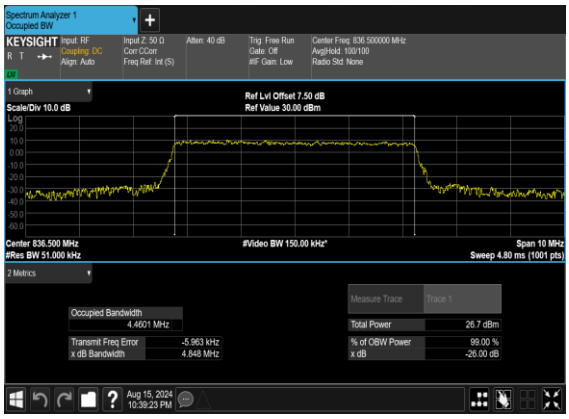


N5(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

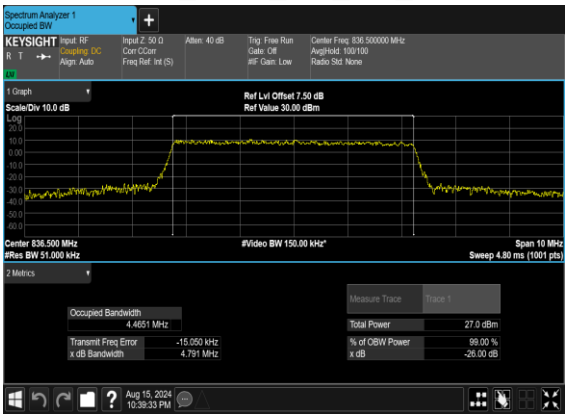
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
5	15	5	167300	836.5	CP-OFDM QPSK	25@0	4.4601	4.848
5	15	5	167300	836.5	CP-OFDM 16 QAM	25@0	4.4651	4.791
5	15	5	167300	836.5	CP-OFDM 64 QAM	25@0	4.4694	4.804
5	15	5	167300	836.5	CP-OFDM 256 QAM	25@0	4.4697	4.762
5	15	10	167300	836.5	CP-OFDM QPSK	52@0	9.2618	9.685
5	15	10	167300	836.5	CP-OFDM 16 QAM	52@0	9.2564	9.734
5	15	10	167300	836.5	CP-OFDM 64 QAM	52@0	9.269	9.683
5	15	10	167300	836.5	CP-OFDM 256 QAM	52@0	9.2619	9.731
5	15	15	167300	836.5	CP-OFDM QPSK	79@0	14.07	14.69
5	15	15	167300	836.5	CP-OFDM 16 QAM	79@0	14.086	14.69
5	15	15	167300	836.5	CP-OFDM 64 QAM	79@0	14.102	14.69
5	15	15	167300	836.5	CP-OFDM 256 QAM	79@0	14.091	14.68
5	15	20	167300	836.5	CP-OFDM QPSK	106@0	18.867	19.64
5	15	20	167300	836.5	CP-OFDM 16 QAM	106@0	18.855	19.64
5	15	20	167300	836.5	CP-OFDM 64 QAM	106@0	18.881	19.66
5	15	20	167300	836.5	CP-OFDM 256 QAM	106@0	18.88	19.65
5	15	25	167300	836.5	CP-OFDM QPSK	133@0	23.74	24.66
5	15	25	167300	836.5	CP-OFDM 16 QAM	133@0	23.655	24.65
5	15	25	167300	836.5	CP-OFDM 64 QAM	133@0	23.664	24.63
5	15	25	167300	836.5	CP-OFDM 256 QAM	133@0	23.681	24.64

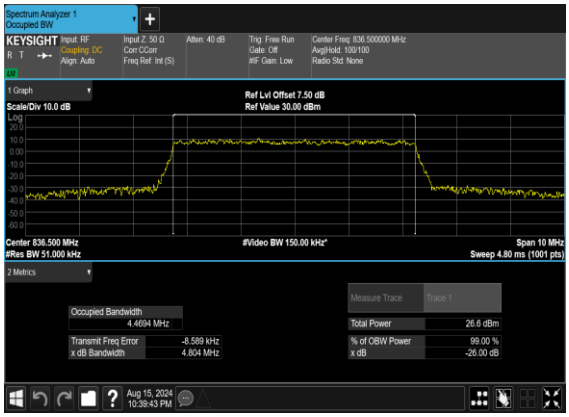
N5(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N5(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

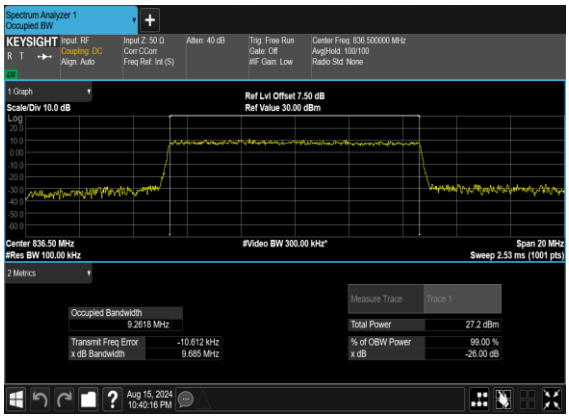


N5(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



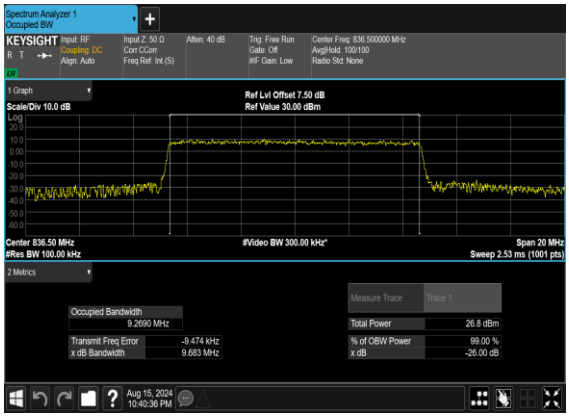
N5(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

N5(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

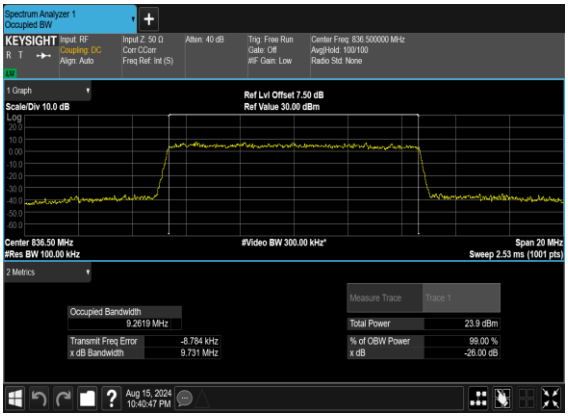


N5(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

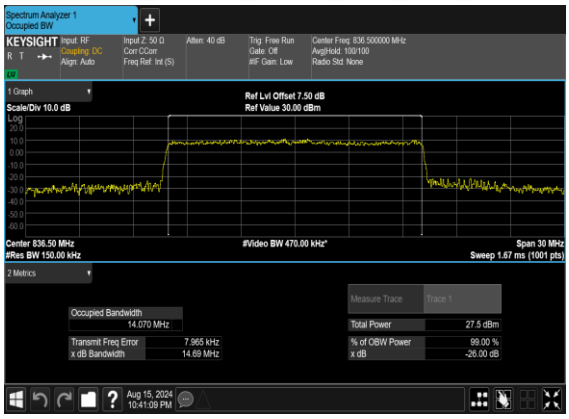
N5(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



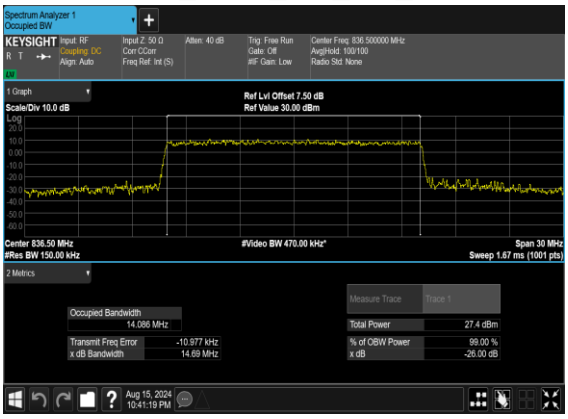
N5(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



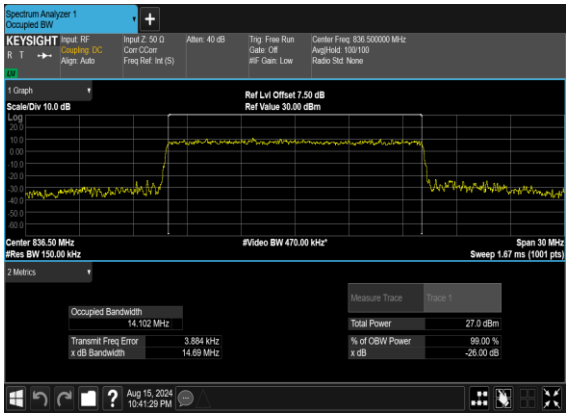
N5(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



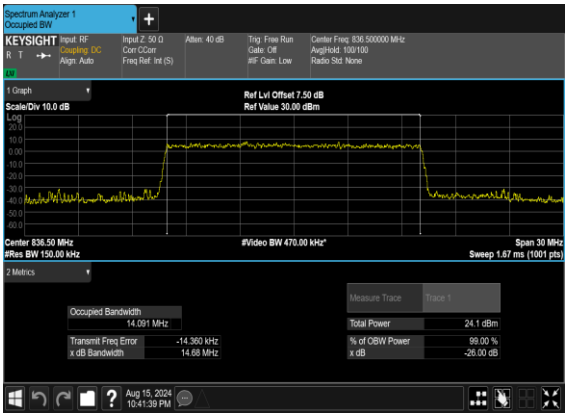
N5(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



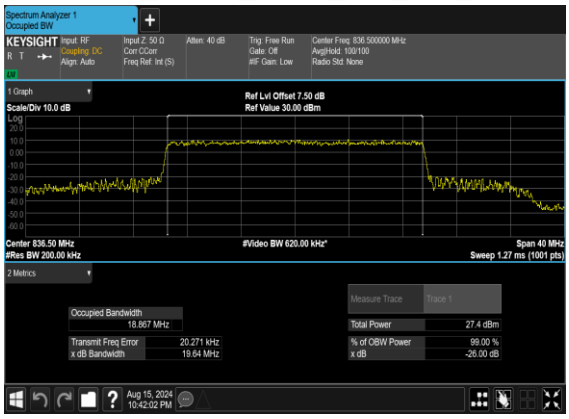
N5(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



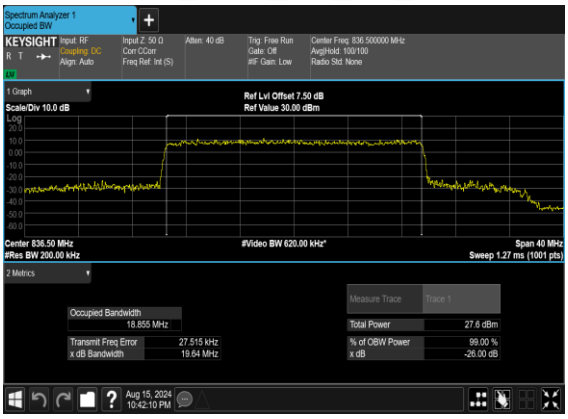
N5(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



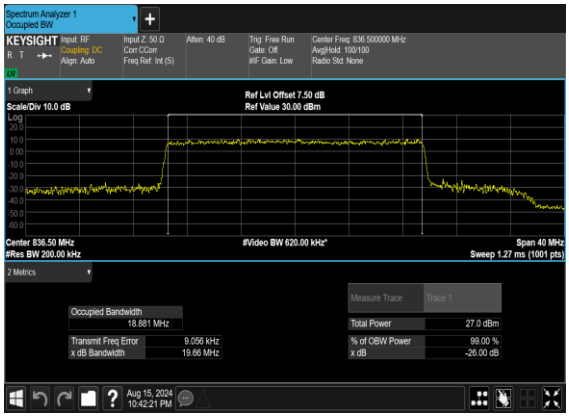
N5(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



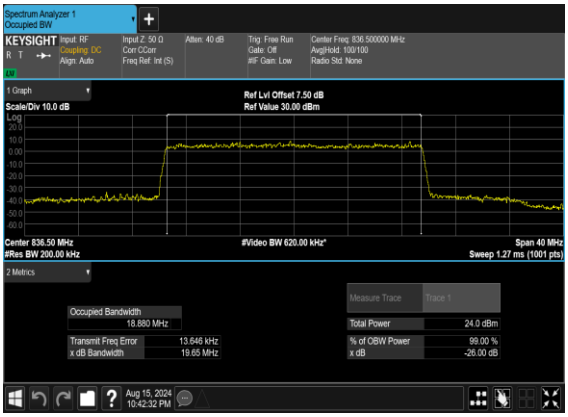
N5(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



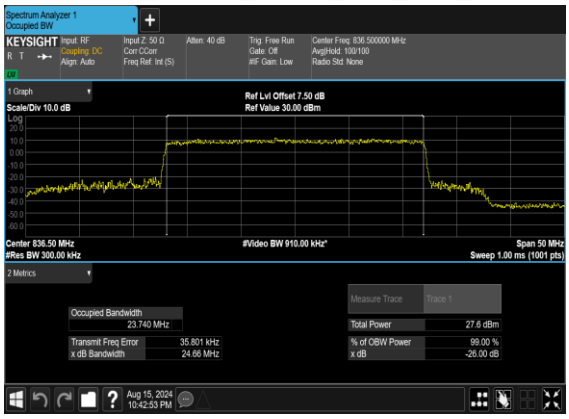
N5(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



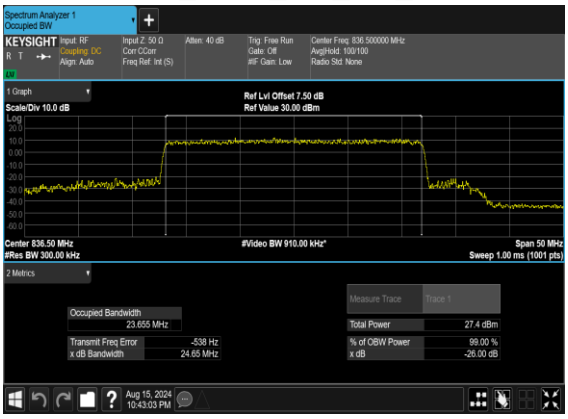
N5(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N5(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N5(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N5(25M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

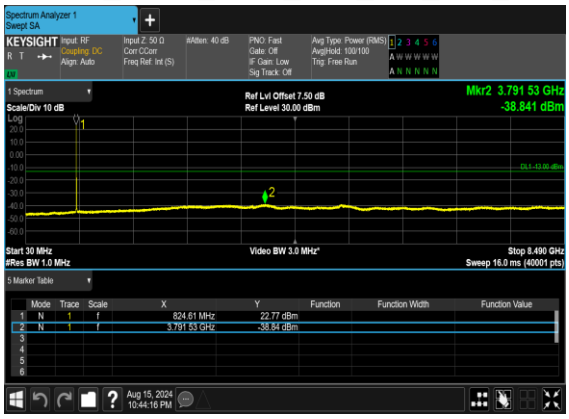
N5(25M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

Conducted Spurious Emissions

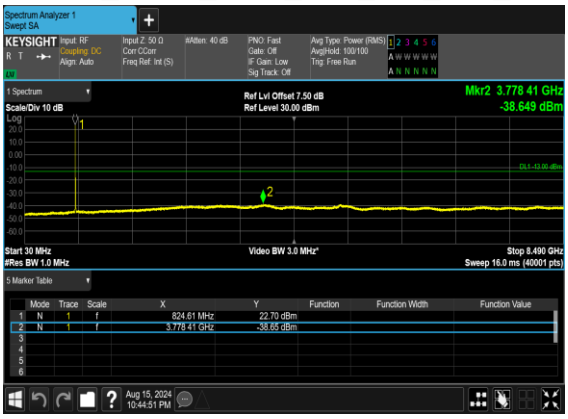
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
5	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
5	15	5	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
5	15	5	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
5	15	5	169300	846.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	169300	846.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
5	15	15	166300	831.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	15	166300	831.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
5	15	15	166300	831.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	15	166300	831.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
5	15	15	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	15	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
5	15	15	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	15	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

5	15	15	168300	841.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
5	15	15	168300	841.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
5	15	15	168300	841.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
5	15	15	168300	841.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
5	15	25	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
5	15	25	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
5	15	25	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
5	15	25	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

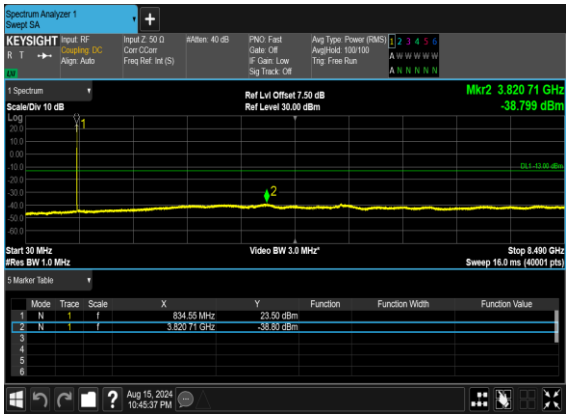
N5(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



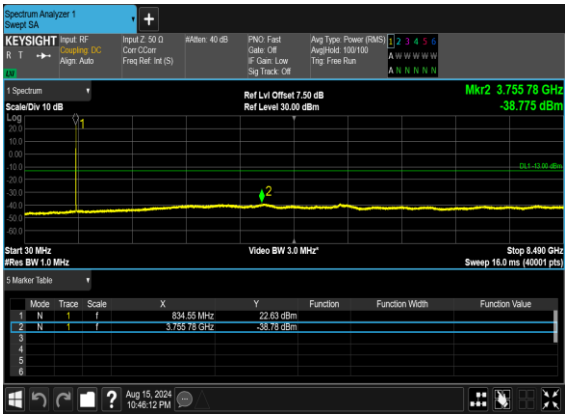
N5(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



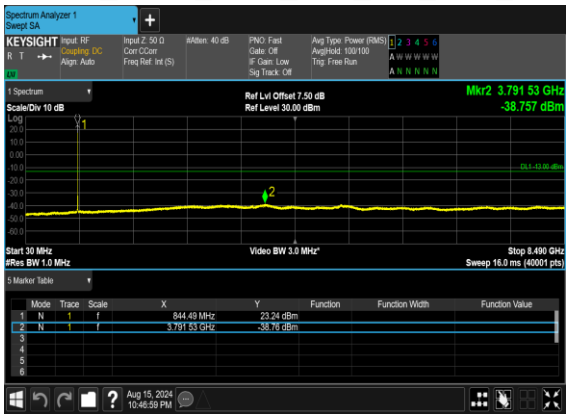
N5(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



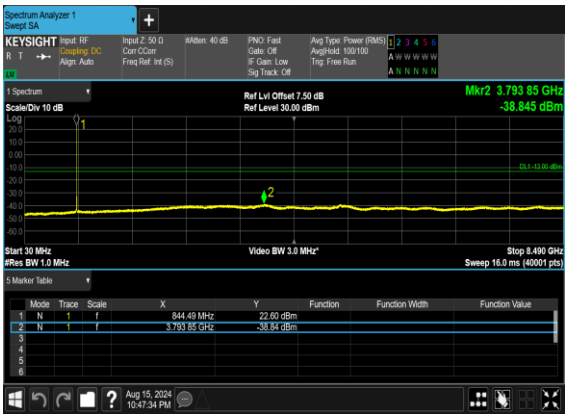
N5(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



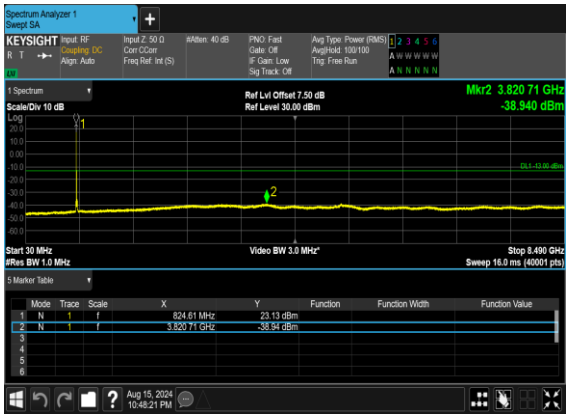
N5(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



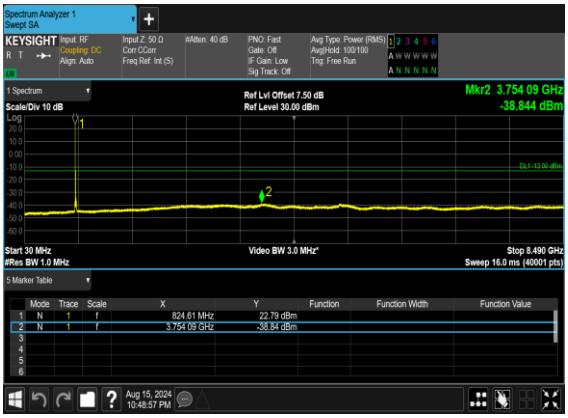
N5(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N5(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

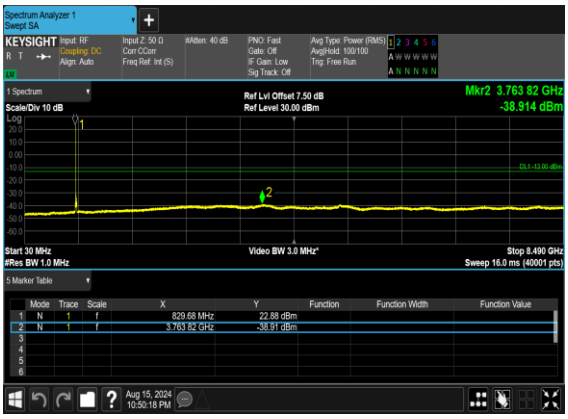


N5(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

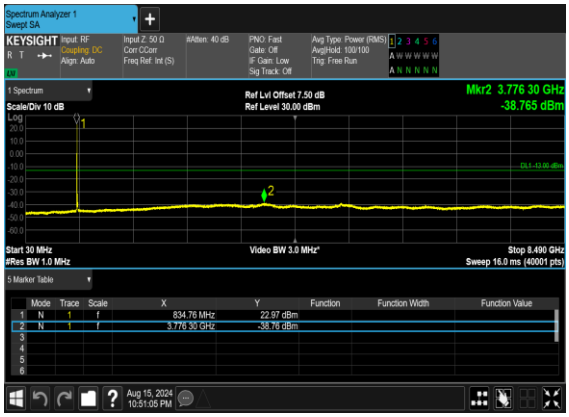


N5(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

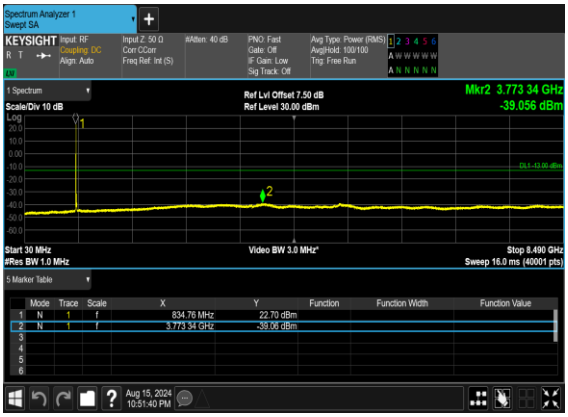
N5(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



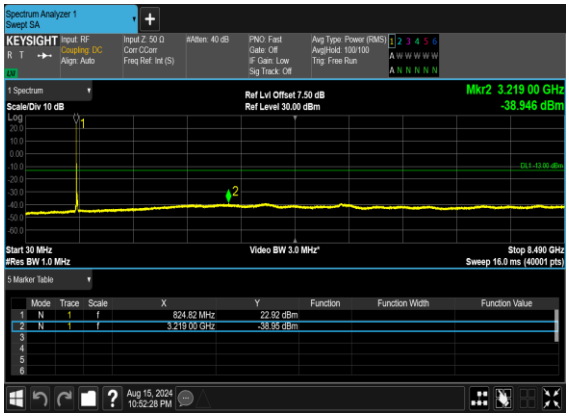
N5(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



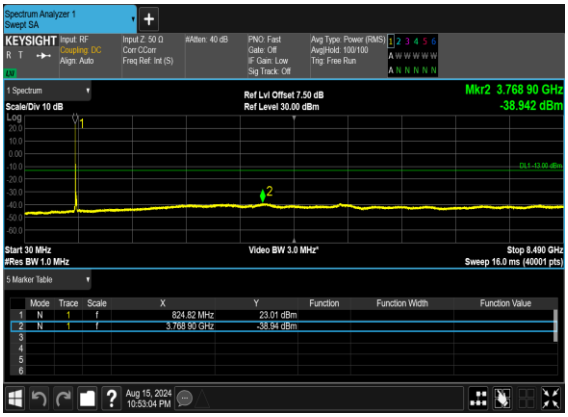
N5(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N5(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



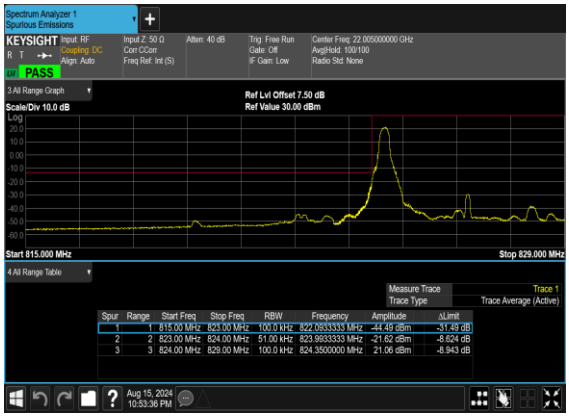
N5(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



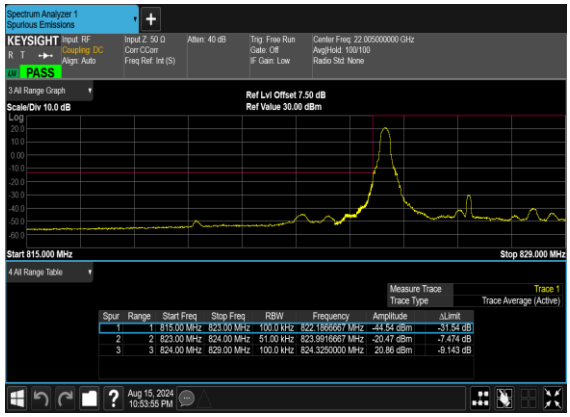
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
5	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
5	15	5	165300	826.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
5	15	5	165300	826.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
5	15	5	169300	846.5	DFT-s-OFDM BPSK	1@24	see graph	**PASS**
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
5	15	5	169300	846.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
5	15	5	169300	846.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
5	15	15	166300	831.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
5	15	15	166300	831.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
5	15	15	166300	831.5	DFT-s-OFDM BPSK	75@0	see graph	**PASS**
5	15	15	166300	831.5	DFT-s-OFDM QPSK	75@0	see graph	**PASS**
5	15	15	168300	841.5	DFT-s-OFDM BPSK	1@78	see graph	**PASS**
5	15	15	168300	841.5	DFT-s-OFDM QPSK	1@78	see graph	**PASS**
5	15	15	168300	841.5	DFT-s-OFDM BPSK	75@0	see graph	**PASS**
5	15	15	168300	841.5	DFT-s-OFDM QPSK	75@0	see graph	**PASS**
5	15	25	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
5	15	25	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
5	15	25	167300	836.5	DFT-s-OFDM BPSK	1@132	see graph	**PASS**
5	15	25	167300	836.5	DFT-s-OFDM QPSK	1@132	see graph	**PASS**
5	15	25	167300	836.5	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
5	15	25	167300	836.5	DFT-s-OFDM QPSK	128@0	see graph	**PASS**

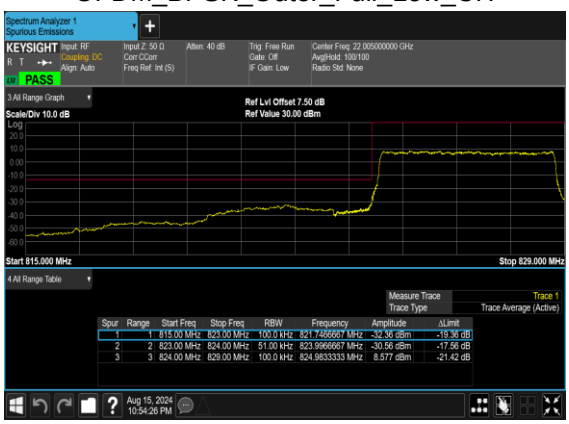
N5(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



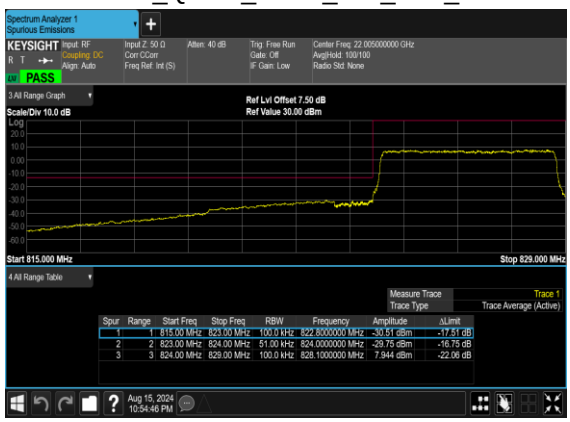
N5(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



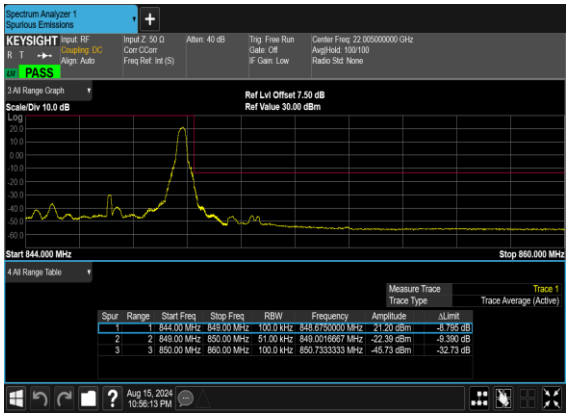
N5(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



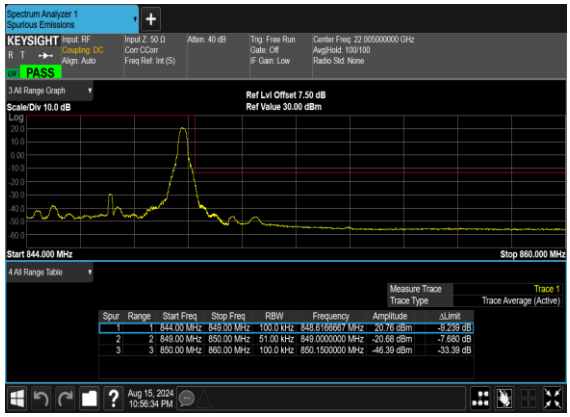
N5(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N5(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



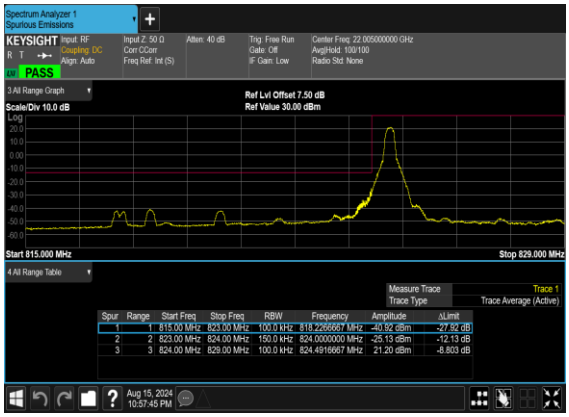
N5(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



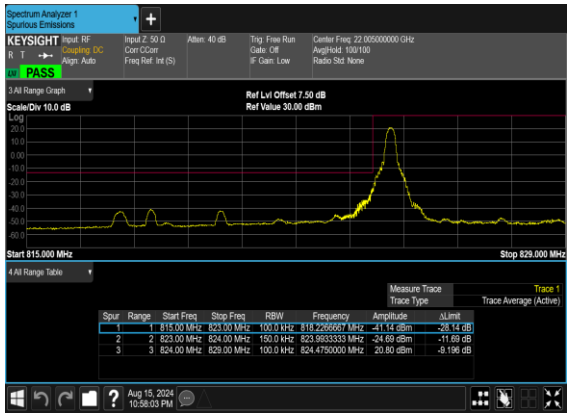
N5(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N5(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

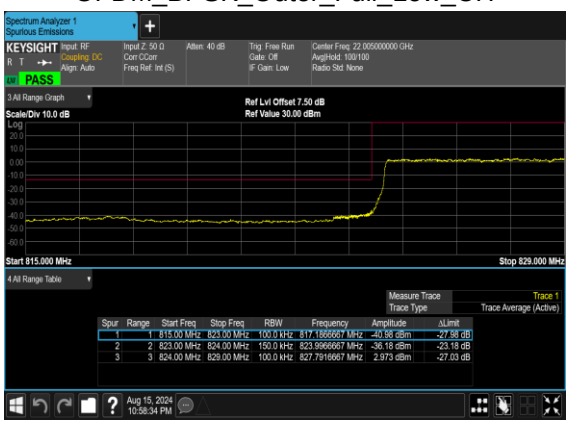
N5(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



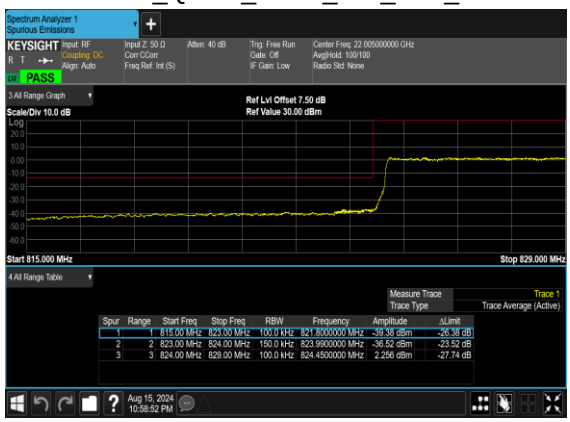
N5(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



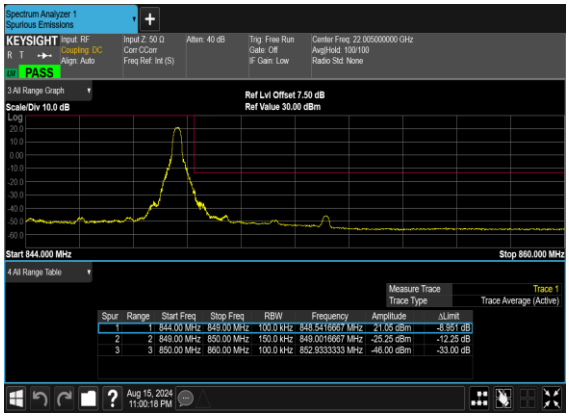
N5(15M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



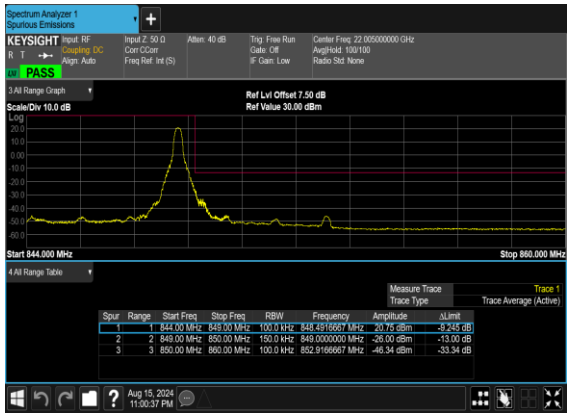
N5(15M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N5(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

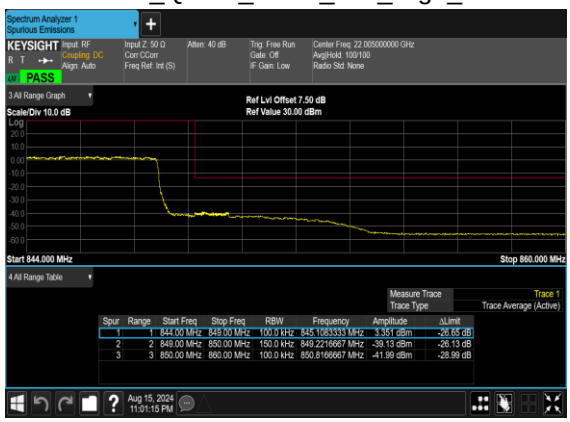


N5(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

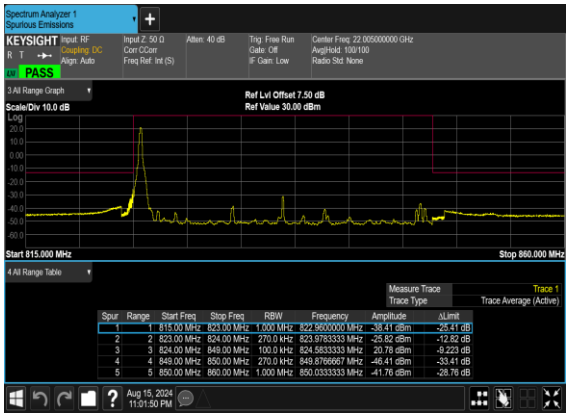


N5(15M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

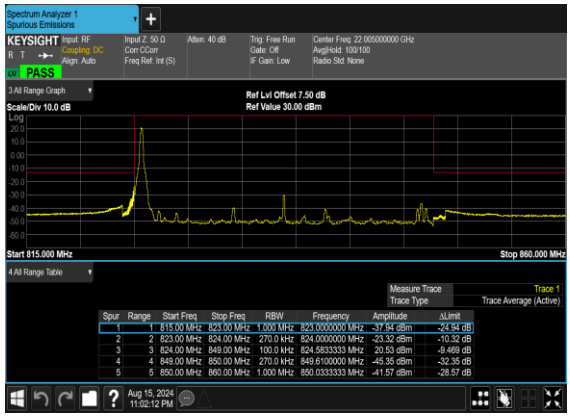
N5(15M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



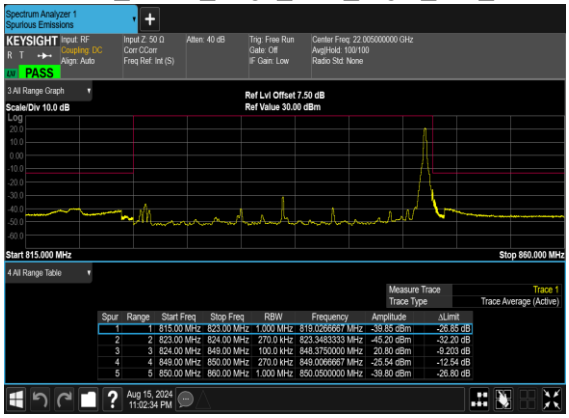
N5(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



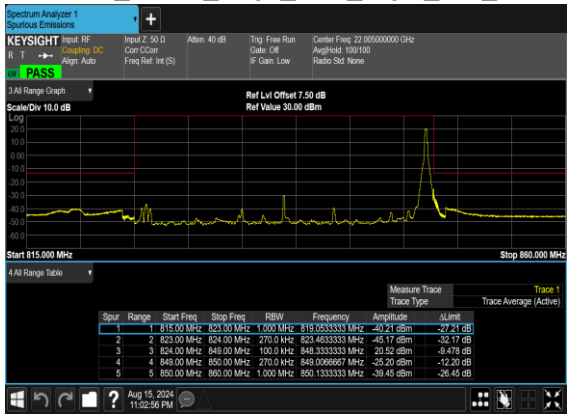
N5(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



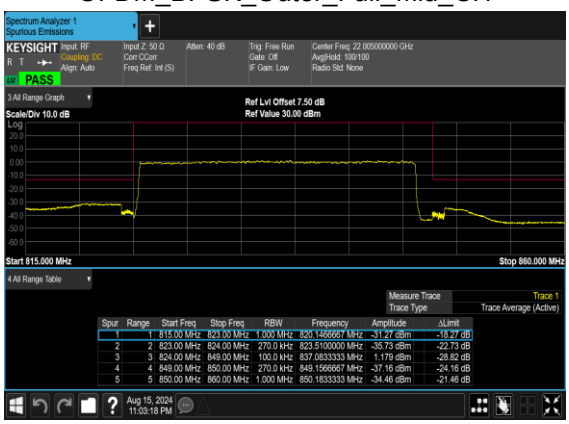
N5(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



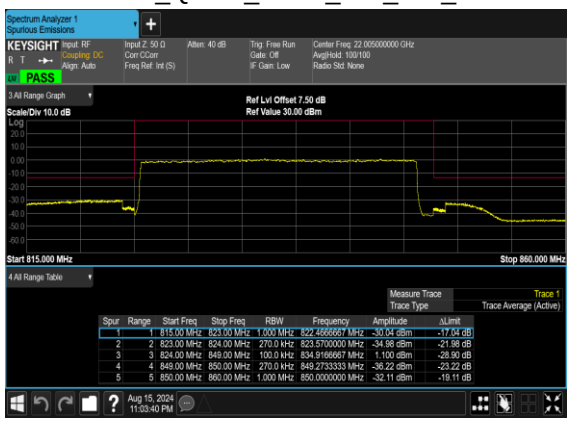
N5(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N5(25M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N5(25M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



Software Version: 23.06.1602

FR1 n25(Ant3)

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-0.2dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@1	24.09	23.89	0.2449
25	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@1	23.06	22.86	0.1932
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@1	24.1	23.9	0.2455
25	15	5	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	23.17	22.97	0.1982
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@1	23.92	23.72	0.2355
25	15	5	382500	1912.5	DFT-s-OFDM 16 QAM	1@1	22.94	22.74	0.1879
25	15	10	371000	1855	DFT-s-OFDM QPSK	1@1	24.16	23.96	0.2489
25	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@1	23.09	22.89	0.1945
25	15	10	376500	1882.5	DFT-s-OFDM QPSK	1@1	24.12	23.92	0.2466
25	15	10	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	23.14	22.94	0.1968
25	15	10	382000	1910	DFT-s-OFDM QPSK	1@1	23.94	23.74	0.2366
25	15	10	382000	1910	DFT-s-OFDM 16 QAM	1@1	22.92	22.72	0.1871
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@1	24.13	23.93	0.2472
25	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@1	23.13	22.93	0.1963
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	1@1	24.19	23.99	0.2506
25	15	15	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	23.17	22.97	0.1982
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	1@1	23.99	23.79	0.2393
25	15	15	381500	1907.5	DFT-s-OFDM 16	1@1	22.96	22.76	0.1888

					QAM				
25	15	20	372000	1860	DFT-s-OFDM QPSK	1@1	24.12	23.92	0.2466
25	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@1	23.14	22.94	0.1968
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@1	24.14	23.94	0.2477
25	15	20	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	23.14	22.94	0.1968
25	15	20	381000	1905	DFT-s-OFDM QPSK	1@1	24.03	23.83	0.2415
25	15	20	381000	1905	DFT-s-OFDM 16 QAM	1@1	23	22.8	0.1905
25	15	25	372500	1862.5	DFT-s-OFDM QPSK	1@1	24.12	23.92	0.2466
25	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	1@1	23.08	22.88	0.1941
25	15	25	376500	1882.5	DFT-s-OFDM QPSK	1@1	24.1	23.9	0.2455
25	15	25	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	23.01	22.81	0.1910
25	15	25	380500	1902.5	DFT-s-OFDM QPSK	1@1	24.04	23.84	0.2421
25	15	25	380500	1902.5	DFT-s-OFDM 16 QAM	1@1	23.03	22.83	0.1919
25	15	30	373000	1865	DFT-s-OFDM QPSK	1@1	24.22	24.02	0.2523
25	15	30	373000	1865	DFT-s-OFDM 16 QAM	1@1	23.22	23.02	0.2004
25	15	30	376500	1882.5	DFT-s-OFDM QPSK	1@1	24.15	23.95	0.2483
25	15	30	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	23.09	22.89	0.1945
25	15	30	380000	1900	DFT-s-OFDM QPSK	1@1	24.14	23.94	0.2477
25	15	30	380000	1900	DFT-s-OFDM 16 QAM	1@1	23.13	22.93	0.1963
25	15	35	373500	1867.5	DFT-s-OFDM QPSK	1@1	24.2	24	0.2512
25	15	35	373500	1867.5	DFT-s-OFDM 16 QAM	1@1	23.13	22.93	0.1963
25	15	35	376500	1882.5	DFT-s-OFDM QPSK	1@1	24.05	23.85	0.2427
25	15	35	376500	1882.5	DFT-s-	1@1	23	22.8	0.1905

					OFDM 16 QAM				
25	15	35	379500	1897.5	DFT-s-OFDM QPSK	1@1	24.11	23.91	0.2460
25	15	35	379500	1897.5	DFT-s-OFDM 16 QAM	1@1	23.14	22.94	0.1968
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	108@54	24.07	23.87	0.2438
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@1	23.96	23.76	0.2377
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@214	24.02	23.82	0.2410
25	15	40	374000	1870	DFT-s-OFDM QPSK	108@54	24.09	23.89	0.2449
25	15	40	374000	1870	DFT-s-OFDM QPSK	1@1	24.2	24	0.2512
25	15	40	374000	1870	DFT-s-OFDM QPSK	1@214	24.25	24.05	0.2541
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	108@54	23.15	22.95	0.1972
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@1	23.14	22.94	0.1968
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@214	23.25	23.05	0.2018
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	108@54	21.55	21.35	0.1365
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	1@1	21.31	21.11	0.1291
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	1@214	21.36	21.16	0.1306
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	108@54	19.56	19.36	0.0863
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	1@1	19.5	19.3	0.0851
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	1@214	19.56	19.36	0.0863
25	15	40	374000	1870	CP-OFDM QPSK	108@54	22.61	22.41	0.1742
25	15	40	374000	1870	CP-OFDM QPSK	1@1	22.58	22.38	0.1730
25	15	40	374000	1870	CP-OFDM QPSK	1@214	22.76	22.56	0.1803
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	108@54	24.11	23.91	0.2460
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23.82	23.62	0.2301

25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@214	23.88	23.68	0.2333
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	108@54	24.13	23.93	0.2472
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@1	24.03	23.83	0.2415
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@214	24.09	23.89	0.2449
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	108@54	23.17	22.97	0.1982
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	23.06	22.86	0.1932
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	1@214	23.03	22.83	0.1919
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	108@54	21.6	21.4	0.1380
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	1@1	21.19	20.99	0.1256
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	1@214	21.36	21.16	0.1306
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	108@54	19.62	19.42	0.0875
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	1@1	19.38	19.18	0.0828
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	1@214	19.59	19.39	0.0869
25	15	40	376500	1882.5	CP-OFDM QPSK	108@54	22.65	22.45	0.1758
25	15	40	376500	1882.5	CP-OFDM QPSK	1@1	22.46	22.26	0.1683
25	15	40	376500	1882.5	CP-OFDM QPSK	1@214	22.52	22.32	0.1706
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	108@54	24.03	23.83	0.2415
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	1@1	23.97	23.77	0.2382
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	1@214	24.05	23.85	0.2427
25	15	40	379000	1895	DFT-s-OFDM QPSK	108@54	24.09	23.89	0.2449
25	15	40	379000	1895	DFT-s-OFDM QPSK	1@1	24.23	24.03	0.2529
25	15	40	379000	1895	DFT-s-OFDM QPSK	1@214	24.32	24.12	0.2582
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	108@54	23.12	22.92	0.1959

25	15	40	379000	1895	DFT-s-OFDM 16 QAM	1@1	23.23	23.03	0.2009
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	1@214	23.19	22.99	0.1991
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	108@54	21.65	21.45	0.1396
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	1@1	21.2	21	0.1259
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	1@214	21.22	21.02	0.1265
25	15	40	379000	1895	DFT-s-OFDM 256 QAM	108@54	19.67	19.47	0.0885
25	15	40	379000	1895	DFT-s-OFDM 256 QAM	1@1	19.37	19.17	0.0826
25	15	40	379000	1895	DFT-s-OFDM 256 QAM	1@214	19.4	19.2	0.0832
25	15	40	379000	1895	CP-OFDM QPSK	108@54	22.61	22.41	0.1742
25	15	40	379000	1895	CP-OFDM QPSK	1@1	22.61	22.41	0.1742
25	15	40	379000	1895	CP-OFDM QPSK	1@214	22.68	22.48	0.1770

Frequency Stability

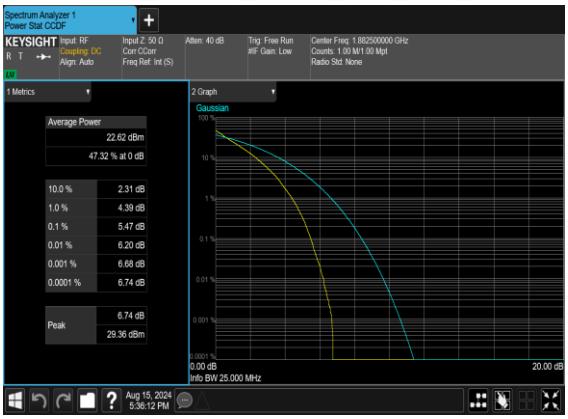
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0046	**PASS**	NV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0041	**PASS**	LV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0064	**PASS**	HV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0052	**PASS**	-30℃
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0028	**PASS**	-20℃
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0025	**PASS**	-10℃
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0056	**PASS**	0℃
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0035	**PASS**	10℃
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0046	**PASS**	20℃
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0044	**PASS**	30℃
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0065	**PASS**	40℃
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0043	**PASS**	50℃

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	4.44	13	**PASS**
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	5.46	13	**PASS**

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

N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

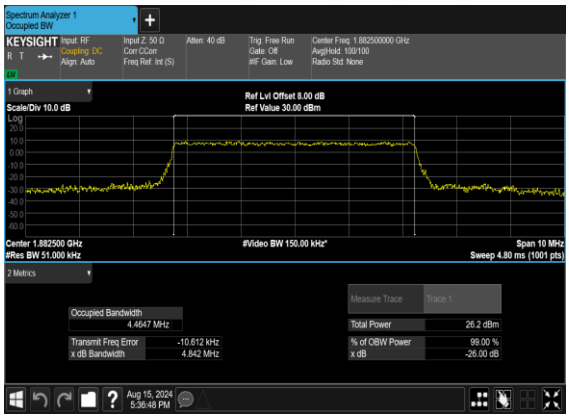


Occupied Bandwidth

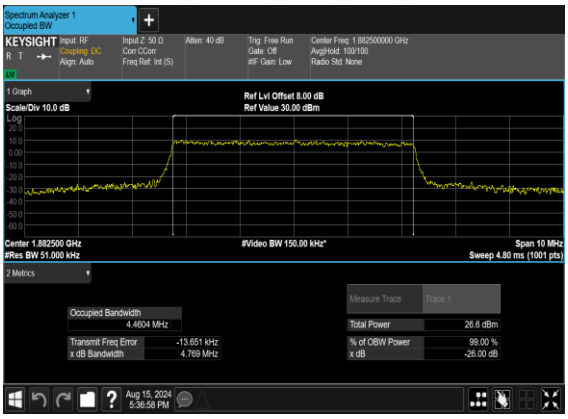
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
25	15	5	376500	1882.5	CP-OFDM QPSK	25@0	4.4647	4.842
25	15	5	376500	1882.5	CP-OFDM 16 QAM	25@0	4.4604	4.769
25	15	5	376500	1882.5	CP-OFDM 64 QAM	25@0	4.4667	4.783
25	15	5	376500	1882.5	CP-OFDM 256 QAM	25@0	4.465	4.791
25	15	10	376500	1882.5	CP-OFDM QPSK	52@0	9.2624	9.731
25	15	10	376500	1882.5	CP-OFDM 16 QAM	52@0	9.2889	9.727
25	15	10	376500	1882.5	CP-OFDM 64 QAM	52@0	9.2908	9.731
25	15	10	376500	1882.5	CP-OFDM 256 QAM	52@0	9.281	9.72
25	15	15	376500	1882.5	CP-OFDM QPSK	79@0	14.089	14.64
25	15	15	376500	1882.5	CP-OFDM 16 QAM	79@0	14.122	14.73
25	15	15	376500	1882.5	CP-OFDM 64 QAM	79@0	14.095	14.7
25	15	15	376500	1882.5	CP-OFDM 256 QAM	79@0	14.094	14.66
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	18.905	19.59
25	15	20	376500	1882.5	CP-OFDM 16 QAM	106@0	18.913	19.63
25	15	20	376500	1882.5	CP-OFDM 64 QAM	106@0	18.936	19.62
25	15	20	376500	1882.5	CP-OFDM 256 QAM	106@0	18.894	19.67
25	15	25	376500	1882.5	CP-OFDM QPSK	133@0	23.807	24.67
25	15	25	376500	1882.5	CP-OFDM 16 QAM	133@0	23.794	24.66
25	15	25	376500	1882.5	CP-OFDM 64 QAM	133@0	23.791	24.74
25	15	25	376500	1882.5	CP-OFDM 256 QAM	133@0	23.769	24.68
25	15	30	376500	1882.5	CP-OFDM QPSK	160@0	28.606	29.73
25	15	30	376500	1882.5	CP-OFDM 16 QAM	160@0	28.522	29.64

25	15	30	376500	1882.5	CP-OFDM 64 QAM	160@0	28.582	29.51
25	15	30	376500	1882.5	CP-OFDM 256 QAM	160@0	28.516	29.66
25	15	35	376500	1882.5	CP-OFDM QPSK	188@0	33.511	34.85
25	15	35	376500	1882.5	CP-OFDM 16 QAM	188@0	33.473	34.74
25	15	35	376500	1882.5	CP-OFDM 64 QAM	188@0	33.515	34.71
25	15	35	376500	1882.5	CP-OFDM 256 QAM	188@0	33.495	34.78
25	15	40	376500	1882.5	CP-OFDM QPSK	216@0	38.504	39.81
25	15	40	376500	1882.5	CP-OFDM 16 QAM	216@0	38.501	39.9
25	15	40	376500	1882.5	CP-OFDM 64 QAM	216@0	38.57	39.92
25	15	40	376500	1882.5	CP-OFDM 256 QAM	216@0	38.536	39.86

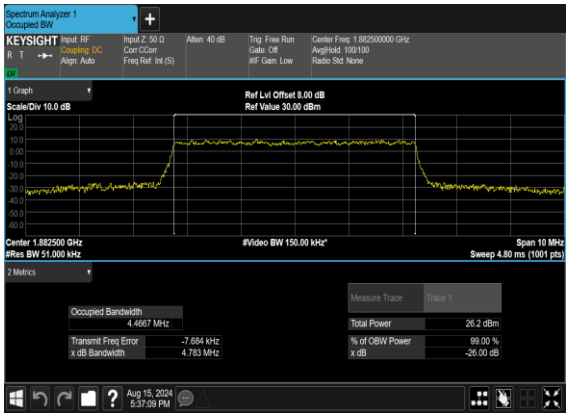
N25(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



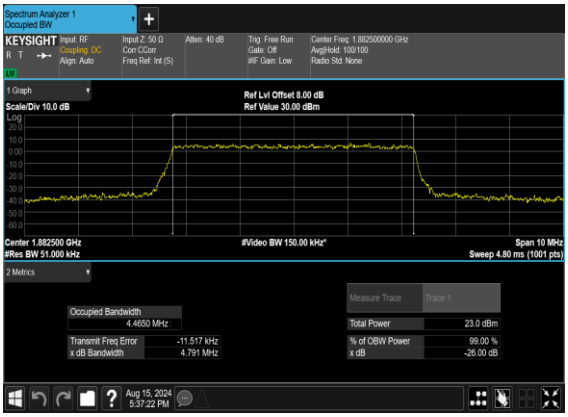
N25(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



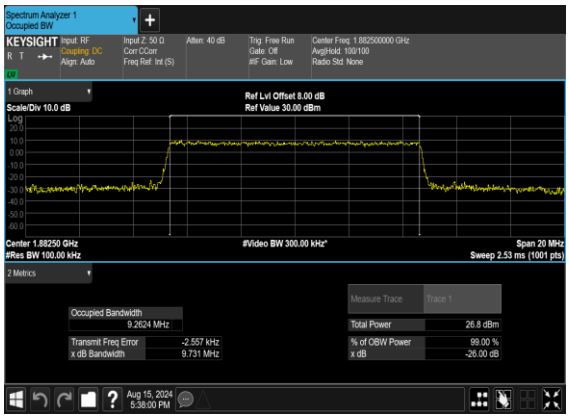
N25(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N25(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



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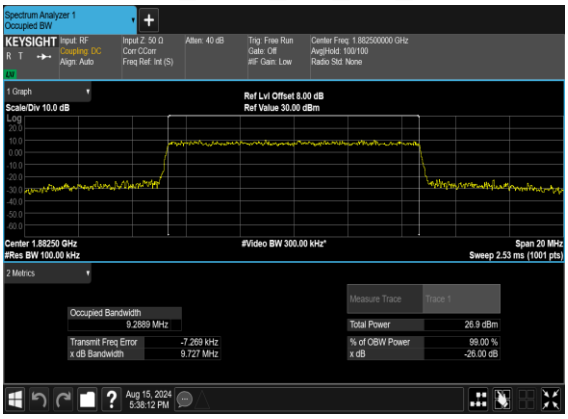
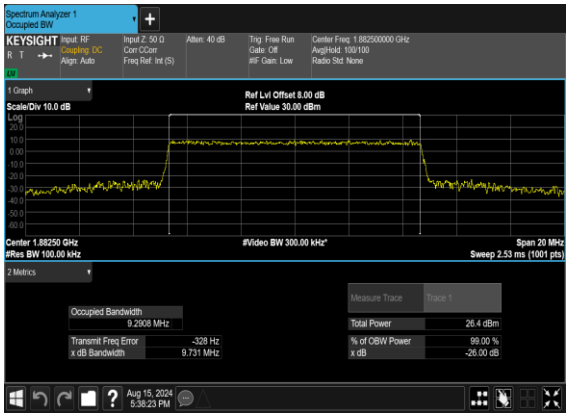
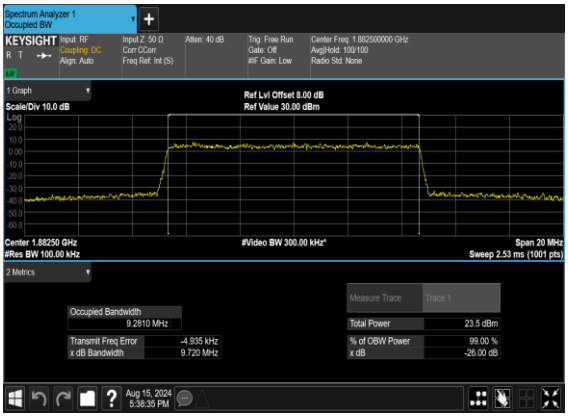


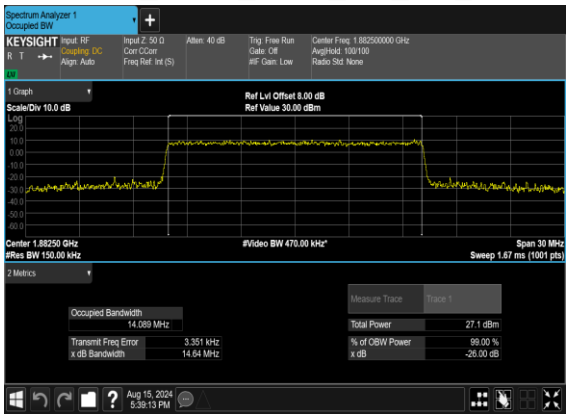
N25(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

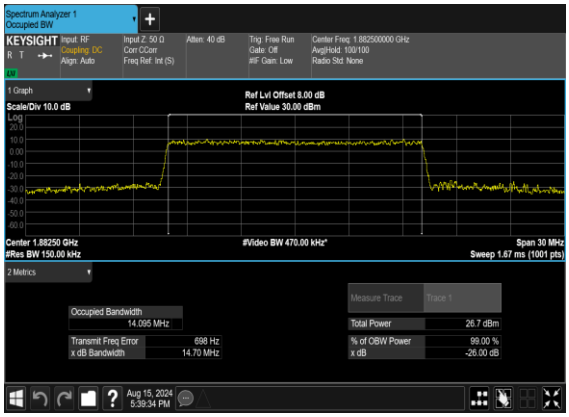


N25(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N25(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N25(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



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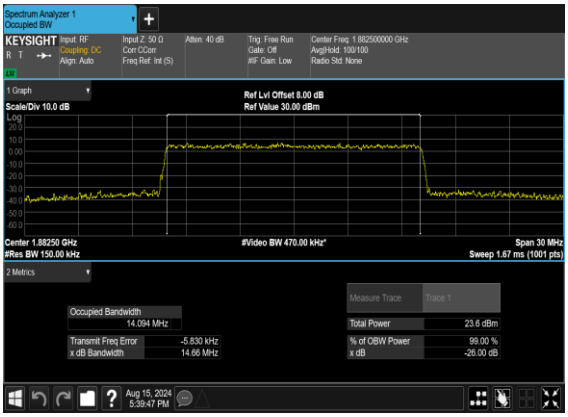
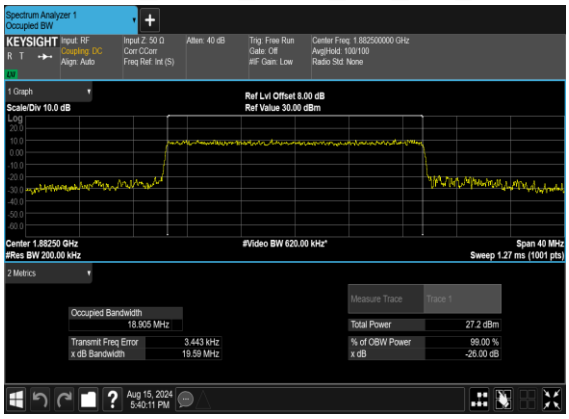
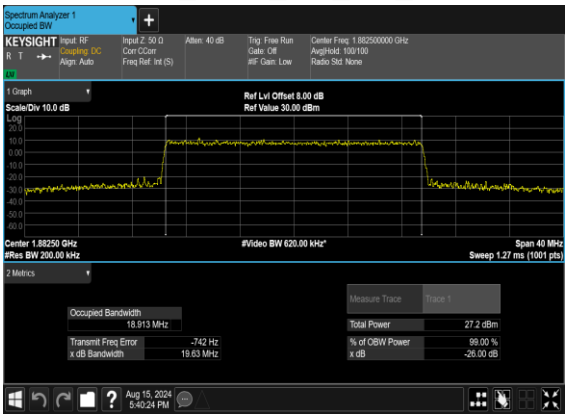


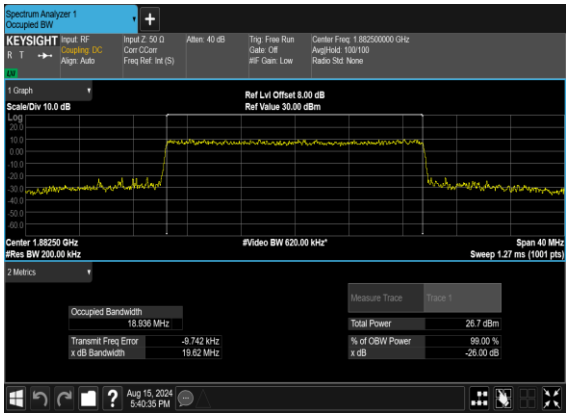
N25(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



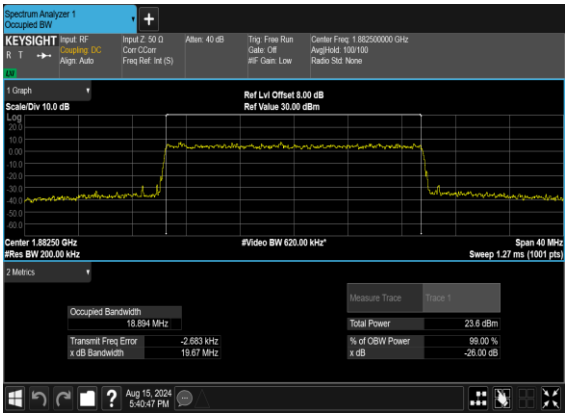
N25(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



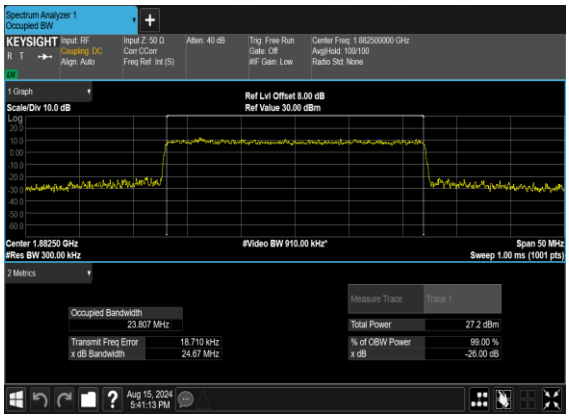
N25(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



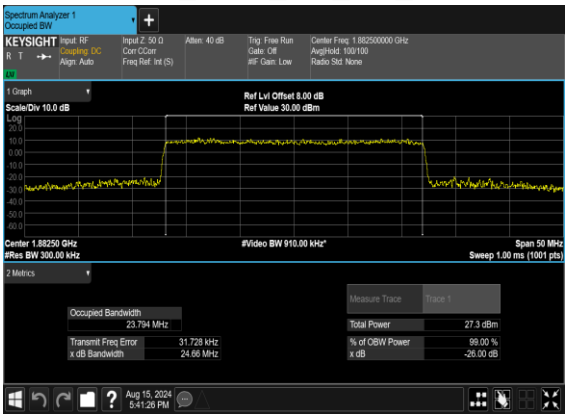
N25(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



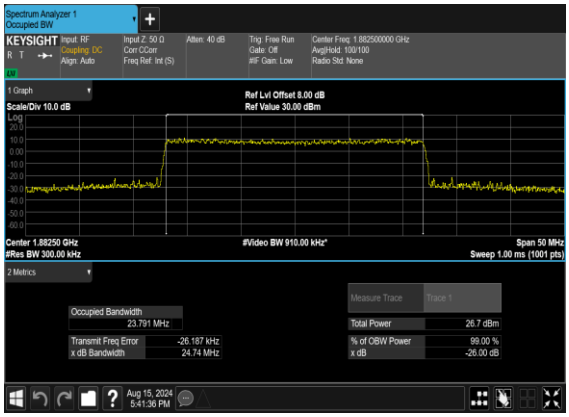
N25(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



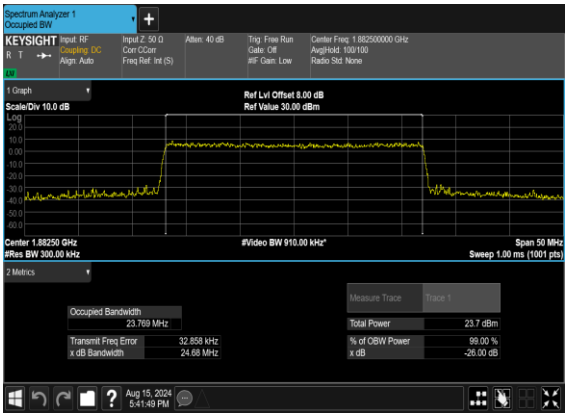
N25(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



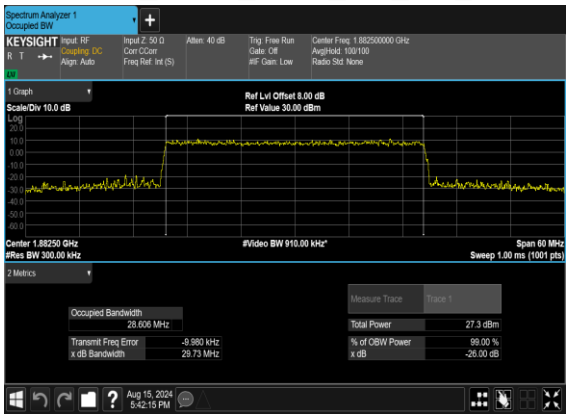
N25(25M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(25M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

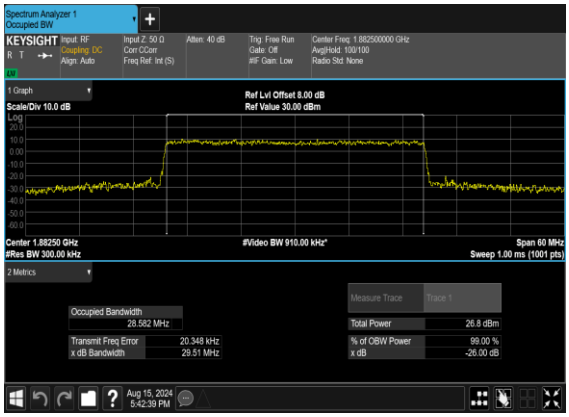


N25(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

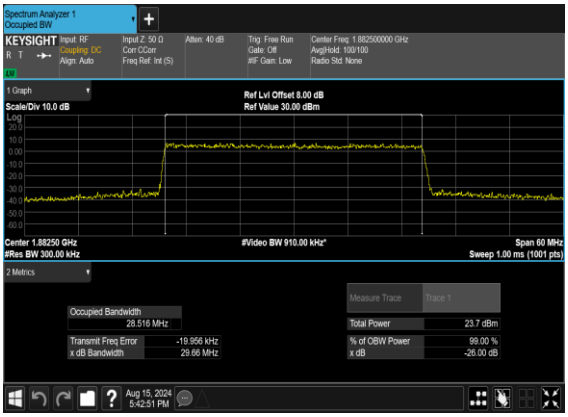


N25(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

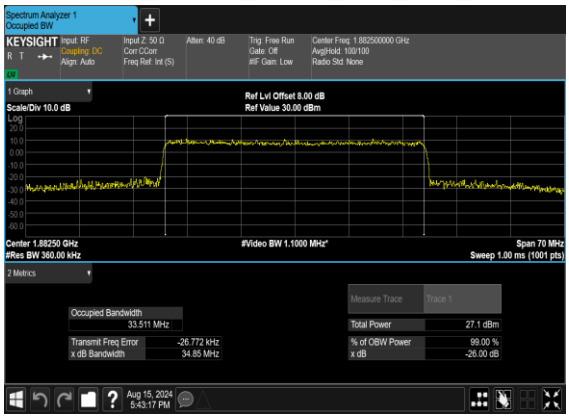
N25(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



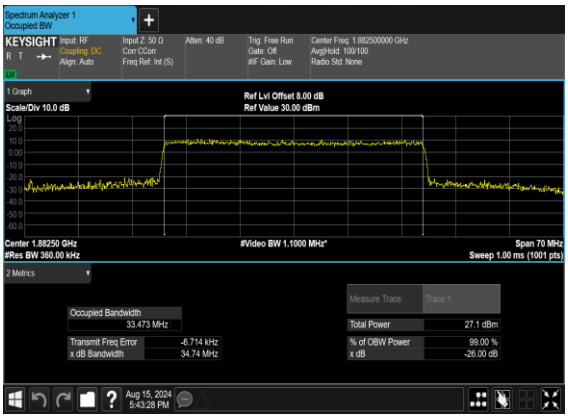
N25(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



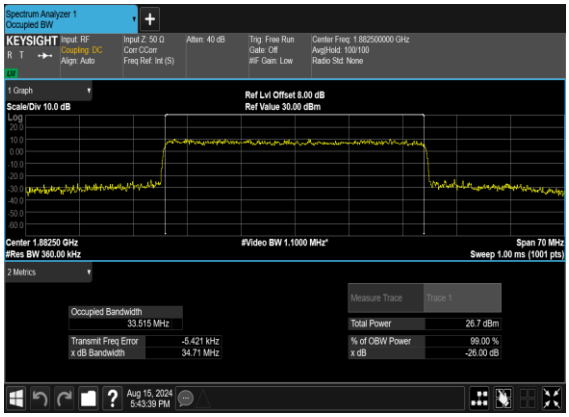
N25(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



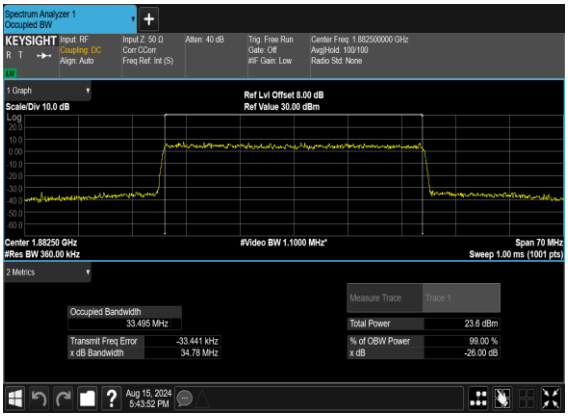
N25(35M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



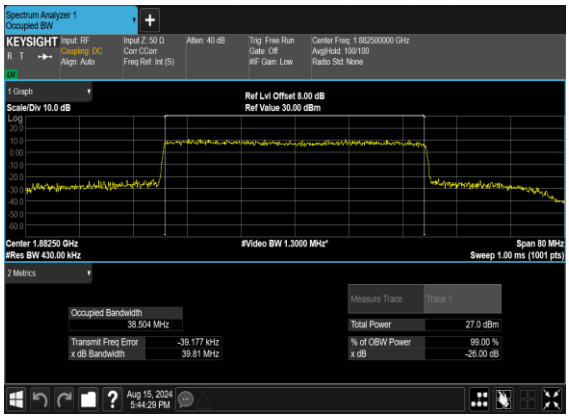
N25(35M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(35M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

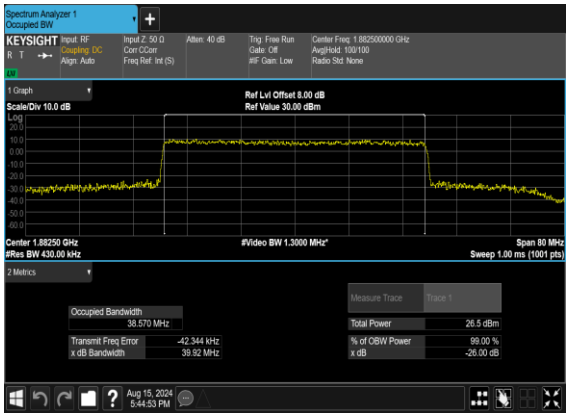


N25(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

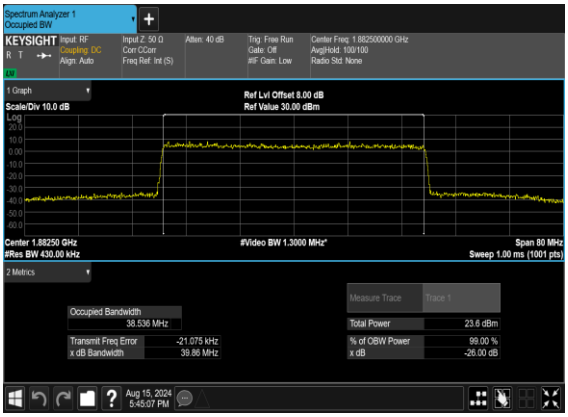


N25(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N25(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(40M)_CP-OFDM_256QAM_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**