Software Version: 23.06.1602

FR1 N26 (ANT0)

Transmitter Conducted Output Power And ERP, (G_T - L_C)=-4.94dB

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	23.61	16.52	0.0449
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	23.66	16.57	0.0454
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@23	23.72	16.63	0.0460
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	12@6	22.58	15.49	0.0354
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	22.7	15.61	0.0364
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@23	22.71	15.62	0.0365
26	15	5	167300	836.5	DFT-s-OFDM QPSK	12@6	23.6	16.51	0.0448
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	23.75	16.66	0.0463
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@23	23.69	16.6	0.0457
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	12@6	22.59	15.5	0.0355
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.75	15.66	0.0368
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@23	22.7	15.61	0.0364
26	15	5	169300	846.5	DFT-s-OFDM QPSK	12@6	23.44	16.35	0.0432
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	23.58	16.49	0.0446
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@23	23.5	16.41	0.0438
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	12@6	22.41	15.32	0.0340
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	22.58	15.49	0.0354
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@23	22.48	15.39	0.0346
26	15	10	165800	829	DFT-s-OFDM QPSK	25@12	23.56	16.47	0.0444
26	15	10	165800	829	DFT-s-OFDM QPSK	1@1	23.53	16.44	0.0441
26	15	10	165800	829	DFT-s-OFDM QPSK	1@50	23.74	16.65	0.0462
26	15	10	165800	829	DFT-s-OFDM 16 QAM	25@12	22.6	15.51	0.0356
26	15	10	165800	829	DFT-s-OFDM 16 QAM	1@1	22.64	15.55	0.0359
26	15	10	165800	829	DFT-s-OFDM 16 QAM	1@50	22.71	15.62	0.0365
26	15	10	167300	836.5	DFT-s-OFDM QPSK	25@12	23.59	16.5	0.0447
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	23.75	16.66	0.0463
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@50	23.66	16.57	0.0454
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	25@12	22.61	15.52	0.0356
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.8	15.71	0.0372

26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@50	22.68	15.59	0.0362
26	15	10	168800	844	DFT-s-OFDM QPSK	25@12	23.36	16.27	0.0424
26	15	10	168800	844	DFT-s-OFDM QPSK	1@1	23.65	16.56	0.0453
26	15	10	168800	844	DFT-s-OFDM QPSK	1@50	23.48	16.39	0.0436
26	15	10	168800	844	DFT-s-OFDM 16 QAM	25@12	22.36	15.27	0.0337
26	15	10	168800	844	DFT-s-OFDM 16 QAM	1@1	22.69	15.6	0.0363
26	15	10	168800	844	DFT-s-OFDM 16 QAM	1@50	22.47	15.38	0.0345
26	15	15	166300	831.5	DFT-s-OFDM QPSK	36@18	23.58	16.49	0.0446
26	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	23.68	16.59	0.0456
26	15	15	166300	831.5	DFT-s-OFDM QPSK	1@77	23.57	16.48	0.0445
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	36@18	22.52	15.43	0.0349
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	22.65	15.56	0.0360
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@77	22.67	15.58	0.0361
26	15	15	167300	836.5	DFT-s-OFDM QPSK	36@18	23.56	16.47	0.0444
26	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	23.7	16.61	0.0458
26	15	15	167300	836.5	DFT-s-OFDM QPSK	1@77	23.56	16.47	0.0444
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	36@18	22.56	15.47	0.0352
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.68	15.59	0.0362
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@77	22.51	15.42	0.0348
26	15	15	168300	841.5	DFT-s-OFDM QPSK	36@18	23.45	16.36	0.0433
26	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	23.71	16.62	0.0459
26	15	15	168300	841.5	DFT-s-OFDM QPSK	1@77	23.47	16.38	0.0435
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	36@18	22.44	15.35	0.0343
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	22.66	15.57	0.0361
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@77	22.44	15.35	0.0343
26	15	20	166800	834	DFT-s-OFDM QPSK	50@25	23.58	16.49	0.0446
26	15	20	166800	834	DFT-s-OFDM QPSK	1@1	23.76	16.67	0.0465
26	15	20	166800	834	DFT-s-OFDM QPSK	1@104	23.52	16.43	0.0440
26	15	20	166800	834	DFT-s-OFDM 16 QAM	50@25	22.56	15.47	0.0352
26	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	22.61	15.52	0.0356
26	15	20	166800	834	DFT-s-OFDM 16 QAM	1@104	22.49	15.4	0.0347
26	15	20	166800	834	DFT-s-OFDM 64 QAM	50@25	21.07	13.98	0.0250
26	15	20	166800	834	DFT-s-OFDM 64 QAM	1@1	20.7	13.61	0.0230
26	15	20	166800	834	DFT-s-OFDM 64 QAM	1@104	20.69	13.6	0.0229
26	15	20	166800	834	DFT-s-OFDM 256 QAM	50@25	19.03	11.94	0.0156

26	15	20	166800	834	DFT-s-OFDM 256 QAM	1@1	18.88	11.79	0.0151
26	15	20	166800	834	DFT-s-OFDM 256 QAM	1@104	18.78	11.69	0.0148
26	15	20	166800	834	CP-OFDM QPSK	53@26	22.03	14.94	0.0312
26	15	20	166800	834	CP-OFDM QPSK	1@1	21.99	14.9	0.0309
26	15	20	166800	834	CP-OFDM QPSK	1@104	21.85	14.76	0.0299
26	15	20	167300	836.5	DFT-s-OFDM QPSK	50@25	23.59	16.5	0.0447
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	23.74	16.65	0.0462
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@104	23.58	16.49	0.0446
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	50@25	22.6	15.51	0.0356
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.76	15.67	0.0369
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@104	22.59	15.5	0.0355
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	50@25	21.1	14.01	0.0252
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@1	20.82	13.73	0.0236
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@104	20.67	13.58	0.0228
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	50@25	19.06	11.97	0.0157
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@1	18.98	11.89	0.0155
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@104	18.86	11.77	0.0150
26	15	20	167300	836.5	CP-OFDM QPSK	53@26	22.09	15	0.0316
26	15	20	167300	836.5	CP-OFDM QPSK	1@1	22.09	15	0.0316
26	15	20	167300	836.5	CP-OFDM QPSK	1@104	22.01	14.92	0.0310
26	15	20	167800	839	DFT-s-OFDM QPSK	50@25	23.52	16.43	0.0440
26	15	20	167800	839	DFT-s-OFDM QPSK	1@1	23.72	16.63	0.0460
26	15	20	167800	839	DFT-s-OFDM QPSK	1@104	23.46	16.37	0.0434
26	15	20	167800	839	DFT-s-OFDM 16 QAM	50@25	22.55	15.46	0.0352
26	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	22.69	15.6	0.0363
26	15	20	167800	839	DFT-s-OFDM 16 QAM	1@104	22.5	15.41	0.0348
26	15	20	167800	839	DFT-s-OFDM 64 QAM	50@25	21.06	13.97	0.0249
26	15	20	167800	839	DFT-s-OFDM 64 QAM	1@1	20.79	13.7	0.0234
26	15	20	167800	839	DFT-s-OFDM 64 QAM	1@104	20.64	13.55	0.0226
26	15	20	167800	839	DFT-s-OFDM 256 QAM	50@25	19.02	11.93	0.0156
26	15	20	167800	839	DFT-s-OFDM 256 QAM	1@1	18.97	11.88	0.0154
26	15	20	167800	839	DFT-s-OFDM 256 QAM	1@104	18.74	11.65	0.0146
26	15	20	167800	839	CP-OFDM QPSK	53@26	22.05	14.96	0.0313
26	15	20	167800	839	CP-OFDM QPSK	1@1	22.06	14.97	0.0314
26	15	20	167800	839	CP-OFDM QPSK	1@104	21.84	14.75	0.0299

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
26	15	20	164800	824.0	DFT-s-OFDM QPSK	100@0	0.0000	**PASS**	NV
26	15	20	164800	824.0	DFT-s-OFDM QPSK	100@0	0.0121	**PASS**	LV
26	15	20	164800	824.0	DFT-s-OFDM QPSK	100@0	0.0124	**PASS**	HV
26	15	20	164800	824.0	DFT-s-OFDM QPSK	100@0	0.0019	**PASS**	-30℃
26	15	20	164800	824.0	DFT-s-OFDM QPSK	100@0	0.0008	**PASS**	-20℃
26	15	20	164800	824.0	DFT-s-OFDM QPSK	100@0	0.0049	**PASS**	-10℃
26	15	20	164800	824.0	DFT-s-OFDM QPSK	100@0	0.0002	**PASS**	0℃
26	15	20	164800	824.0	DFT-s-OFDM QPSK	100@0	0.0031	**PASS**	10℃
26	15	20	164800	824.0	DFT-s-OFDM QPSK	100@0	0.0000	**PASS**	20℃
26	15	20	164800	824.0	DFT-s-OFDM QPSK	100@0	0.0006	**PASS**	30℃
26	15	20	164800	824.0	DFT-s-OFDM QPSK	100@0	0.0090	**PASS**	40℃
26	15	20	164800	824.0	DFT-s-OFDM QPSK	100@0	0.0013	**PASS**	50℃

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
26	15	20	164800	824.0	DFT-s-OFDM QPSK	100@0	5.64	13	**PASS**

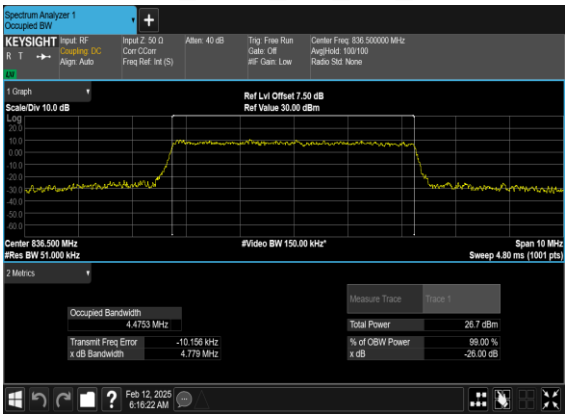
N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_173800_CH

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	4.4568	4.845
26	15	5	167300	836.5	CP-OFDM 16 QAM	25@0	4.4753	4.779
26	15	5	167300	836.5	CP-OFDM 64 QAM	25@0	4.4716	4.835
26	15	5	167300	836.5	CP-OFDM 256 QAM	25@0	4.4696	4.808
26	15	10	167300	836.5	CP-OFDM QPSK	52@0	9.2765	9.7
26	15	10	167300	836.5	CP-OFDM 16 QAM	52@0	9.2694	9.723
26	15	10	167300	836.5	CP-OFDM 64 QAM	52@0	9.2709	9.726
26	15	10	167300	836.5	CP-OFDM 256 QAM	52@0	9.2679	9.67
26	15	15	167300	836.5	CP-OFDM QPSK	79@0	14.112	14.66
26	15	15	167300	836.5	CP-OFDM 16 QAM	79@0	14.1	14.68
26	15	15	167300	836.5	CP-OFDM 64 QAM	79@0	14.125	14.68
26	15	15	167300	836.5	CP-OFDM 256 QAM	79@0	14.122	14.67
26	15	20	167300	836.5	CP-OFDM QPSK	106@0	18.877	19.67
26	15	20	167300	836.5	CP-OFDM 16 QAM	106@0	18.896	19.62
26	15	20	167300	836.5	CP-OFDM 64 QAM	106@0	18.885	19.62
26	15	20	167300	836.5	CP-OFDM 256 QAM	106@0	18.881	19.67

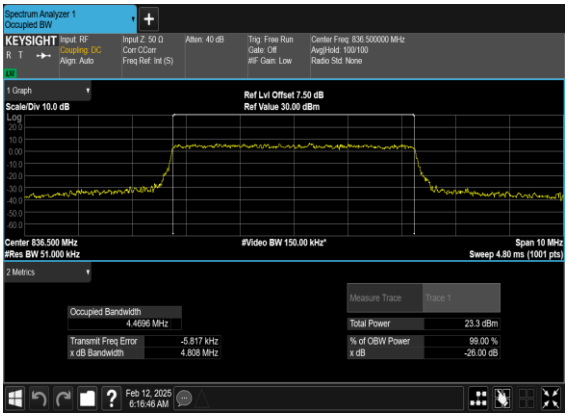
N26(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N26(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

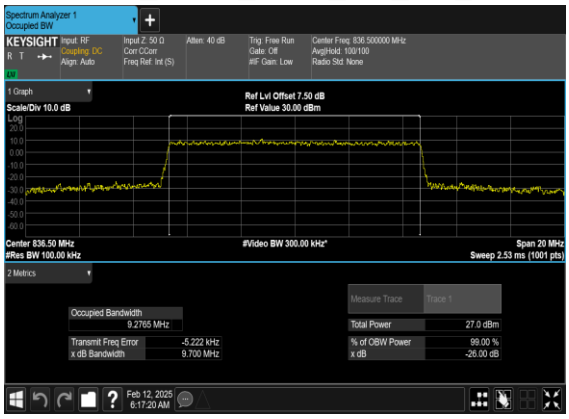


N26(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

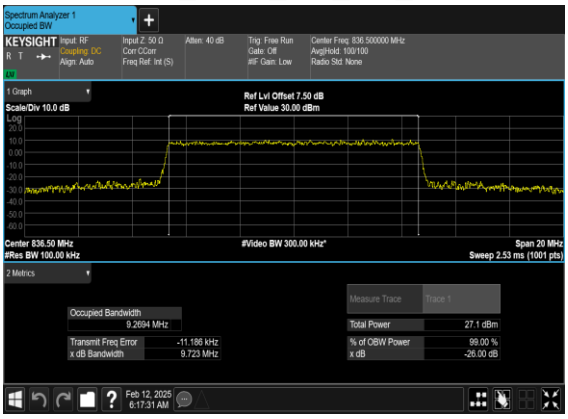
N26(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



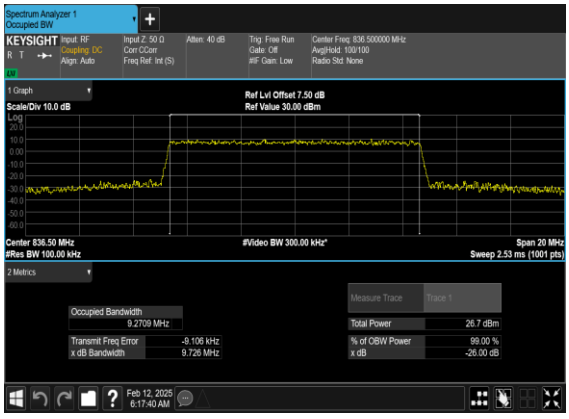
N26(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N26(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

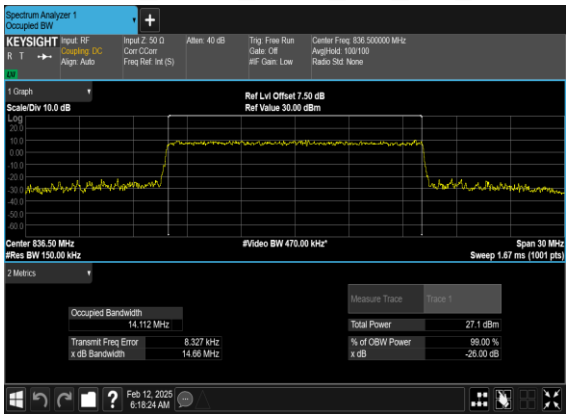


N26(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

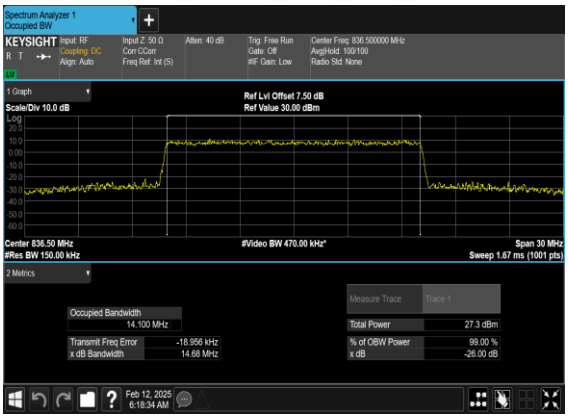


N26(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N26(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N26(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

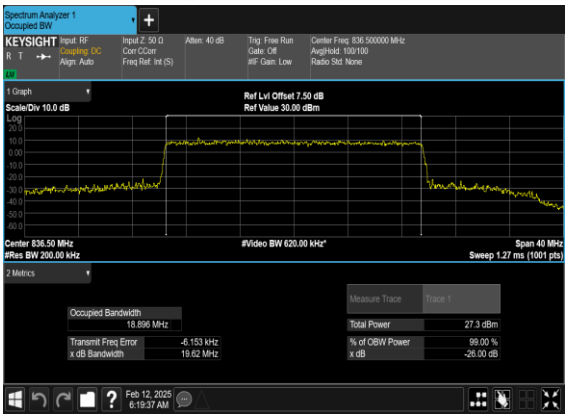


N26(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N26(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

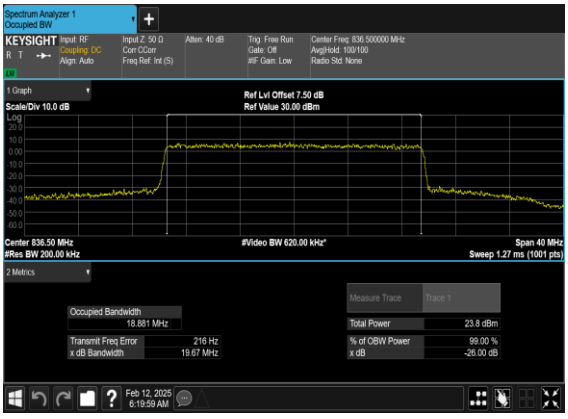
N26(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N26(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N26(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

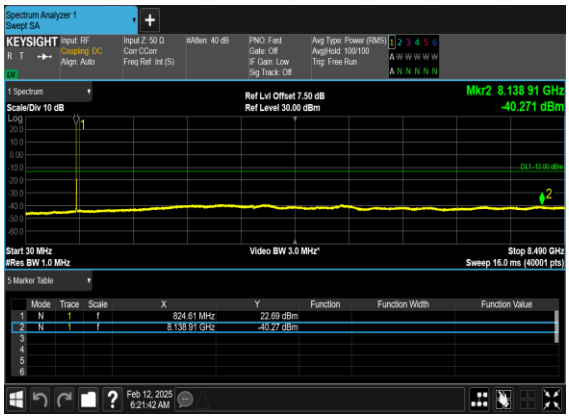
N26(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



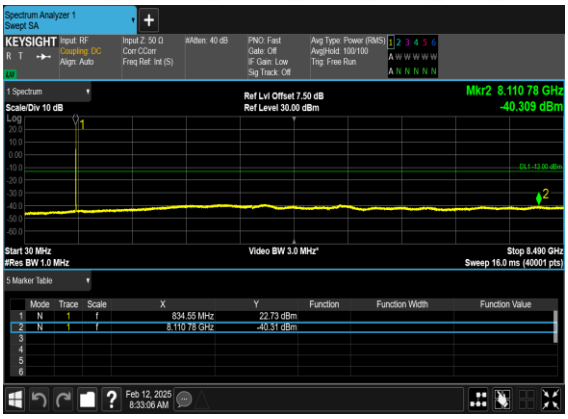
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
26	15	5	165300	826.5	DFT-s-OFDM 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 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 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 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 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 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 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 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 QPSK	1@0	see graph	**---**
26	15	20	167800	839.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

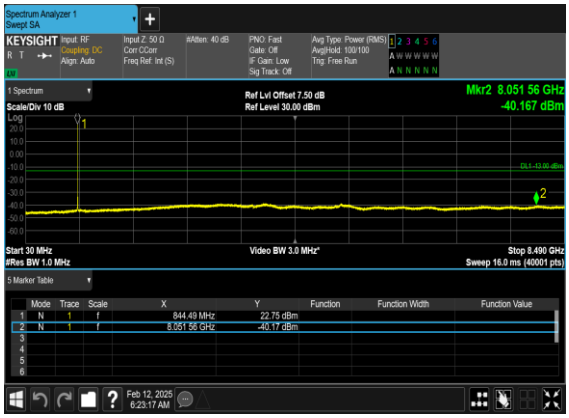
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



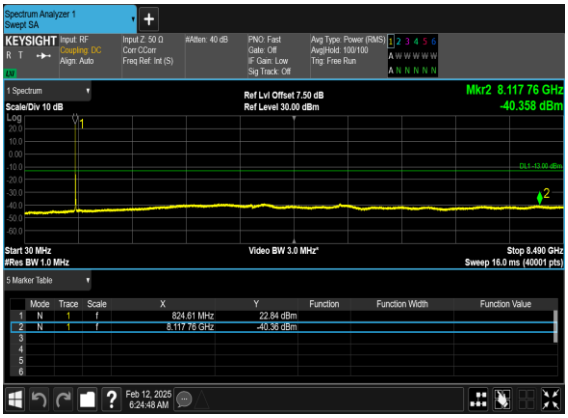
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



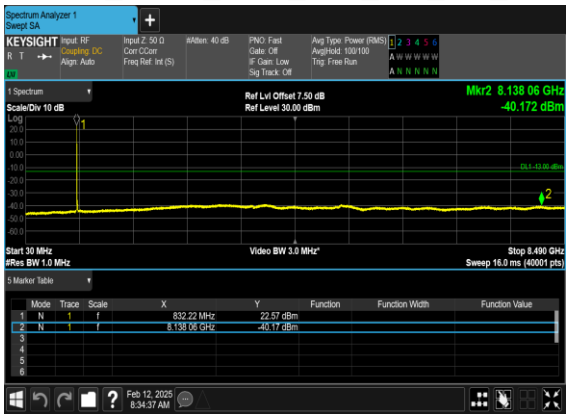
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



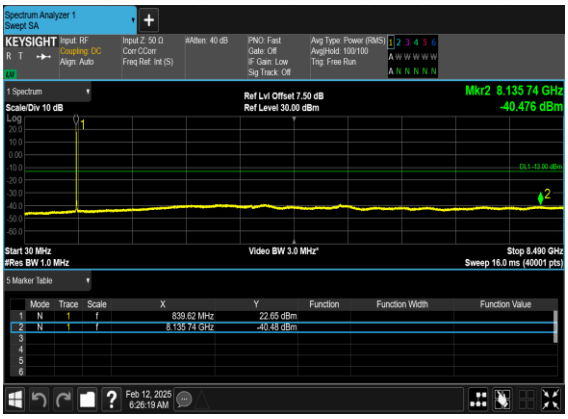
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



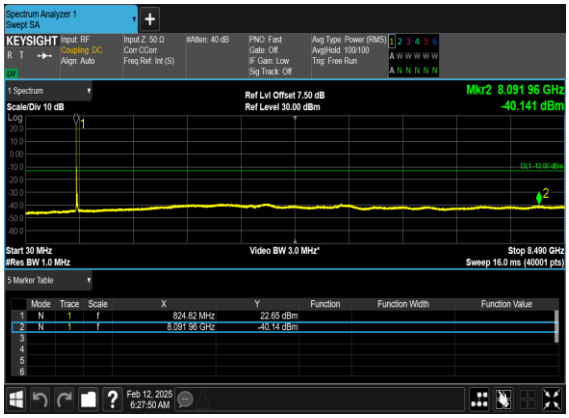
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



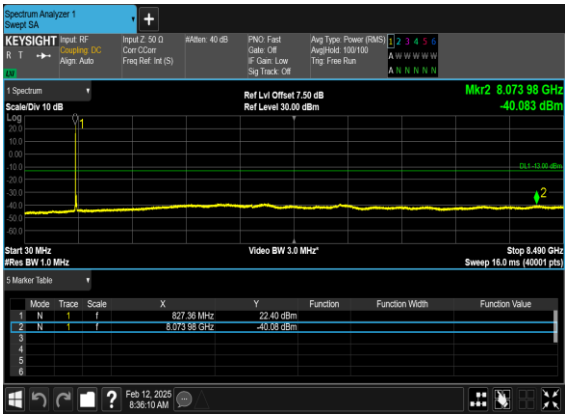
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



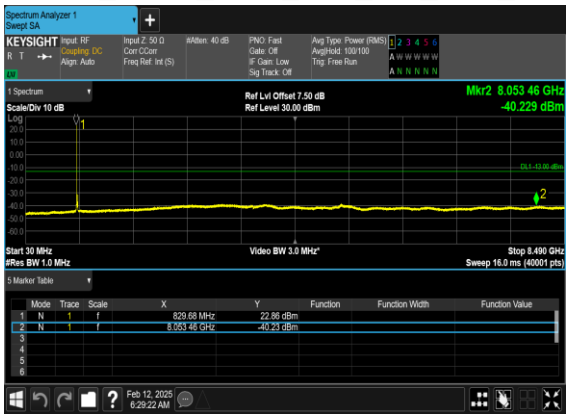
N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



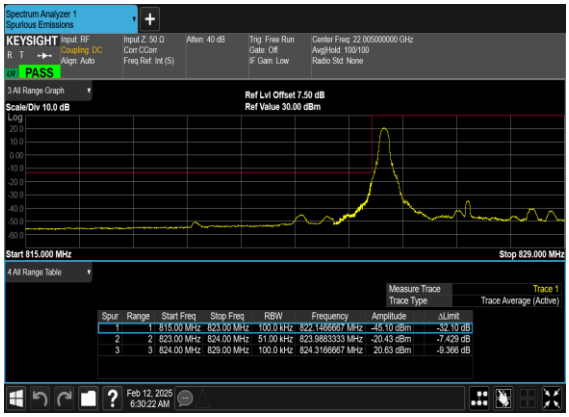
N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

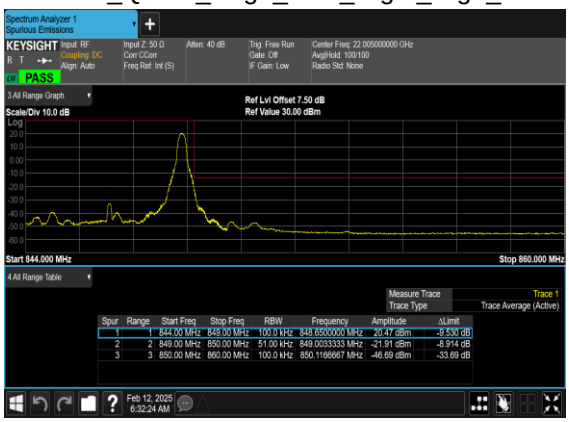
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
26	15	5	165300	826.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
26	15	5	169300	846.5	DFT-s-OFDM QPSK	25@0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

N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

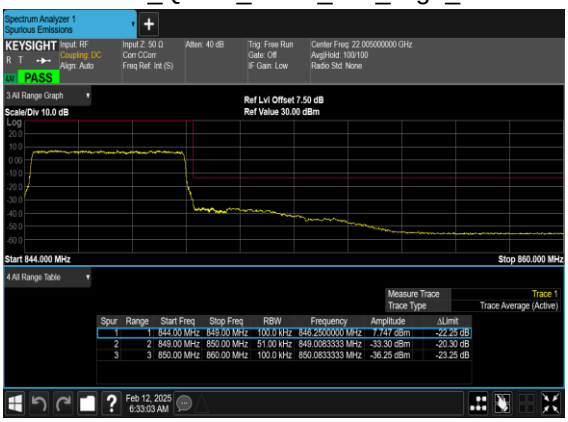


N26(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

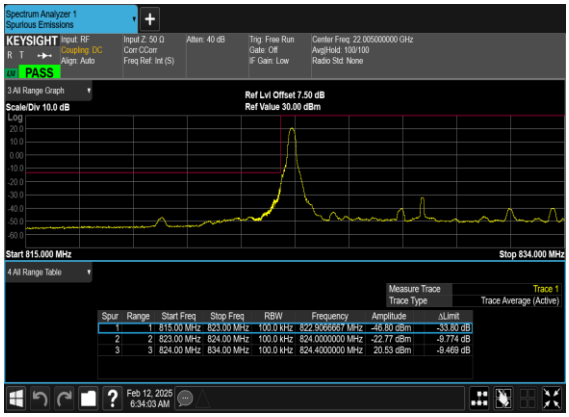
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



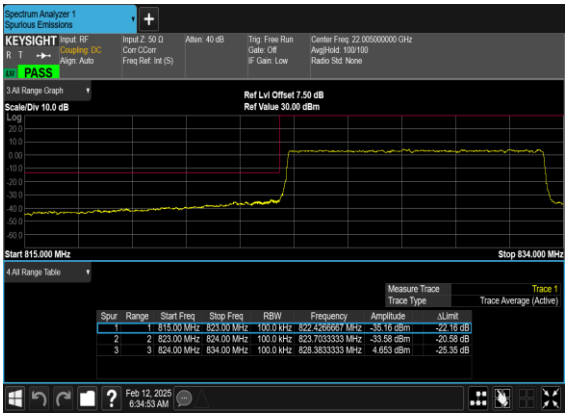
N26(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

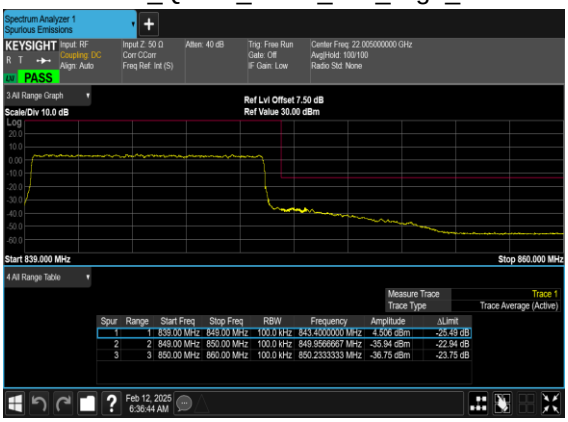


N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

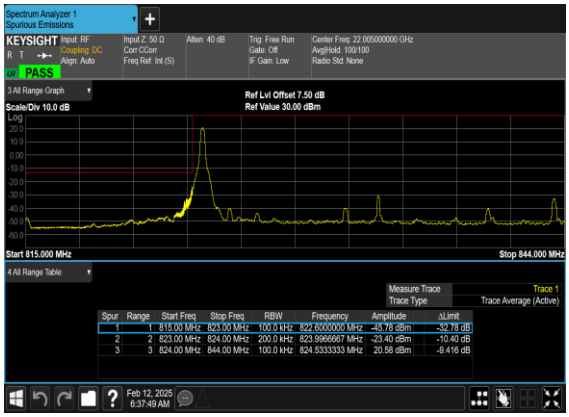


N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

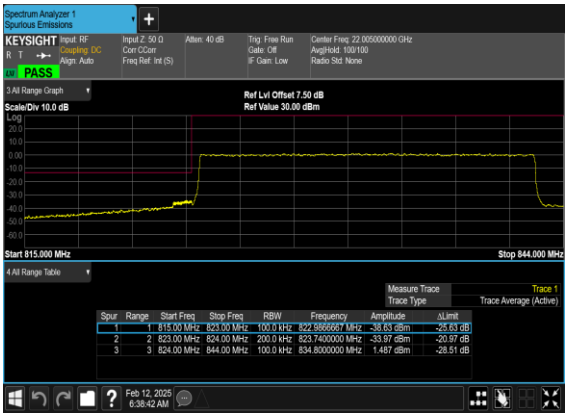
N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

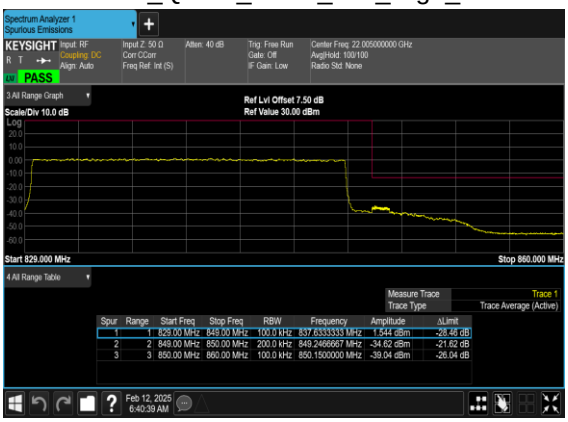


N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.06.1602

FR1 N66 (ANT3)

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-2.77dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	12@6	22.52	19.75	0.0944
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	22.39	19.62	0.0916
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@23	22.57	19.8	0.0955
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	12@6	21.54	18.77	0.0753
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	21.53	18.76	0.0752
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@23	21.69	18.92	0.0780
66	15	5	349000	1745	DFT-s-OFDM QPSK	12@6	23.03	20.26	0.1062
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	22.97	20.2	0.1047
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@23	23.04	20.27	0.1064
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	12@6	21.99	19.22	0.0836
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.05	19.28	0.0847
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@23	22.12	19.35	0.0861
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	12@6	23.37	20.6	0.1148
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	23.39	20.62	0.1153
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@23	23.34	20.57	0.1140
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	12@6	22.34	19.57	0.0906
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	22.47	19.7	0.0933
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@23	22.47	19.7	0.0933
66	15	10	343000	1715	DFT-s-OFDM QPSK	25@12	22.66	19.89	0.0975
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	22.5	19.73	0.0940
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@50	22.76	19.99	0.0998
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	25@12	21.67	18.9	0.0776
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	21.66	18.89	0.0774
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@50	21.91	19.14	0.0820
66	15	10	349000	1745	DFT-s-OFDM QPSK	25@12	23.04	20.27	0.1064
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	22.92	20.15	0.1035
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@50	23.13	20.36	0.1086
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	25@12	22.02	19.25	0.0841
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.07	19.3	0.0851
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@50	22.26	19.49	0.0889
66	15	10	355000	1775	DFT-s-OFDM QPSK	25@12	23.39	20.62	0.1153
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	23.52	20.75	0.1189

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@50	23.42	20.65	0.1161
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	25@12	22.41	19.64	0.0920
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	22.53	19.76	0.0946
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@50	22.46	19.69	0.0931
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	36@18	22.67	19.9	0.0977
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	22.45	19.68	0.0929
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@77	22.76	19.99	0.0998
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	36@18	21.69	18.92	0.0780
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	21.58	18.81	0.0760
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@77	21.89	19.12	0.0817
66	15	15	349000	1745	DFT-s-OFDM QPSK	36@18	22.99	20.22	0.1052
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	22.87	20.1	0.1023
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@77	23.12	20.35	0.1084
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	36@18	21.96	19.19	0.0830
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.93	19.16	0.0824
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@77	22.23	19.46	0.0883
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	36@18	23.3	20.53	0.1130
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	23.32	20.55	0.1135
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@77	23.29	20.52	0.1127
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	36@18	22.27	19.5	0.0891
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	22.41	19.64	0.0920
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@77	22.35	19.58	0.0908
66	15	20	344000	1720	DFT-s-OFDM QPSK	50@25	22.71	19.94	0.0986
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	22.42	19.65	0.0923
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@104	22.75	19.98	0.0995
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	50@25	21.72	18.95	0.0785
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	21.56	18.79	0.0757
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@104	21.88	19.11	0.0815
66	15	20	349000	1745	DFT-s-OFDM QPSK	50@25	23	20.23	0.1054
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	22.8	20.03	0.1007
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@104	23.18	20.41	0.1099
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	50@25	22	19.23	0.0838
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.92	19.15	0.0822
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@104	22.22	19.45	0.0881
66	15	20	354000	1770	DFT-s-OFDM QPSK	50@25	23.38	20.61	0.1151
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	23.3	20.53	0.1130
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@104	23.31	20.54	0.1132
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	50@25	22.27	19.5	0.0891

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	22.35	19.58	0.0908
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@104	22.39	19.62	0.0916
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	64@32	22.8	20.03	0.1007
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@1	22.4	19.63	0.0918
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@131	22.72	19.95	0.0989
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	64@32	21.78	19.01	0.0796
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@1	21.53	18.76	0.0752
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@131	21.9	19.13	0.0818
66	15	25	349000	1745	DFT-s-OFDM QPSK	64@32	23.04	20.27	0.1064
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@1	22.79	20.02	0.1005
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@131	23.28	20.51	0.1125
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	64@32	22.02	19.25	0.0841
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.94	19.17	0.0826
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@131	22.38	19.61	0.0914
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	64@32	23.51	20.74	0.1186
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@1	23.24	20.47	0.1114
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@131	23.32	20.55	0.1135
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	64@32	22.34	19.57	0.0906
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@1	22.41	19.64	0.0920
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@131	22.39	19.62	0.0916
66	15	30	345000	1725	DFT-s-OFDM QPSK	80@40	22.89	20.12	0.1028
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	22.59	19.82	0.0959
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@158	22.9	20.13	0.1030
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	80@40	21.87	19.1	0.0813
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	21.7	18.93	0.0782
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@158	22.04	19.27	0.0845
66	15	30	345000	1725	DFT-s-OFDM 64 QAM	80@40	20.41	17.64	0.0581
66	15	30	345000	1725	DFT-s-OFDM 64 QAM	1@1	19.81	17.04	0.0506
66	15	30	345000	1725	DFT-s-OFDM 64 QAM	1@158	20.15	17.38	0.0547
66	15	30	345000	1725	DFT-s-OFDM 256 QAM	80@40	18.4	15.63	0.0366
66	15	30	345000	1725	DFT-s-OFDM 256 QAM	1@1	18.01	15.24	0.0334
66	15	30	345000	1725	DFT-s-OFDM 256 QAM	1@158	18.33	15.56	0.0360
66	15	30	345000	1725	CP-OFDM QPSK	80@40	21.39	18.62	0.0728
66	15	30	345000	1725	CP-OFDM QPSK	1@1	21.01	18.24	0.0667
66	15	30	345000	1725	CP-OFDM QPSK	1@158	21.36	18.59	0.0723
66	15	30	349000	1745	DFT-s-OFDM QPSK	80@40	23.09	20.32	0.1076
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	22.86	20.09	0.1021
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@158	23.54	20.77	0.1194

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	80@40	22.08	19.31	0.0853
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.01	19.24	0.0839
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@158	22.5	19.73	0.0940
66	15	30	349000	1745	DFT-s-OFDM 64 QAM	80@40	20.61	17.84	0.0608
66	15	30	349000	1745	DFT-s-OFDM 64 QAM	1@1	20.12	17.35	0.0543
66	15	30	349000	1745	DFT-s-OFDM 64 QAM	1@158	20.66	17.89	0.0615
66	15	30	349000	1745	DFT-s-OFDM 256 QAM	80@40	18.62	15.85	0.0385
66	15	30	349000	1745	DFT-s-OFDM 256 QAM	1@1	18.28	15.51	0.0356
66	15	30	349000	1745	DFT-s-OFDM 256 QAM	1@158	18.82	16.05	0.0403
66	15	30	349000	1745	CP-OFDM QPSK	80@40	21.57	18.8	0.0759
66	15	30	349000	1745	CP-OFDM QPSK	1@1	21.33	18.56	0.0718
66	15	30	349000	1745	CP-OFDM QPSK	1@158	21.85	19.08	0.0809
66	15	30	353000	1765	DFT-s-OFDM QPSK	80@40	23.44	20.67	0.1167
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	23.19	20.42	0.1102
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@158	23.39	20.62	0.1153
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	80@40	22.44	19.67	0.0927
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	22.24	19.47	0.0885
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@158	22.44	19.67	0.0927
66	15	30	353000	1765	DFT-s-OFDM 64 QAM	80@40	21.02	18.25	0.0668
66	15	30	353000	1765	DFT-s-OFDM 64 QAM	1@1	20.45	17.68	0.0586
66	15	30	353000	1765	DFT-s-OFDM 64 QAM	1@158	20.6	17.83	0.0607
66	15	30	353000	1765	DFT-s-OFDM 256 QAM	80@40	19	16.23	0.0420
66	15	30	353000	1765	DFT-s-OFDM 256 QAM	1@1	18.58	15.81	0.0381
66	15	30	353000	1765	DFT-s-OFDM 256 QAM	1@158	18.78	16.01	0.0399
66	15	30	353000	1765	CP-OFDM QPSK	80@40	21.97	19.2	0.0832
66	15	30	353000	1765	CP-OFDM QPSK	1@1	21.63	18.86	0.0769
66	15	30	353000	1765	CP-OFDM QPSK	1@158	21.84	19.07	0.0807
66	15	40	346000	1730	DFT-s-OFDM QPSK	108@54	23.18	20.41	0.1099
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	22.75	19.98	0.0995
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@214	23.42	20.65	0.1161
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	108@54	22.2	19.43	0.0877
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	21.93	19.16	0.0824
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@214	22.53	19.76	0.0946
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	108@54	20.68	17.91	0.0618
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@1	20.09	17.32	0.0540
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@214	20.67	17.9	0.0617
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	108@54	18.67	15.9	0.0389
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@1	18.16	15.39	0.0346

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@214	18.83	16.06	0.0404
66	15	40	346000	1730	CP-OFDM QPSK	108@54	21.69	18.92	0.0780
66	15	40	346000	1730	CP-OFDM QPSK	1@1	21.25	18.48	0.0705
66	15	40	346000	1730	CP-OFDM QPSK	1@214	21.9	19.13	0.0818
66	15	40	349000	1745	DFT-s-OFDM QPSK	108@54	23.42	20.65	0.1161
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	23.05	20.28	0.1067
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@214	23.59	20.82	0.1208
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	108@54	22.45	19.68	0.0929
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.18	19.41	0.0873
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@214	22.67	19.9	0.0977
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	108@54	20.91	18.14	0.0652
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@1	20.33	17.56	0.0570
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@214	20.83	18.06	0.0640
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	108@54	18.89	16.12	0.0409
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@1	18.45	15.68	0.0370
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@214	18.96	16.19	0.0416
66	15	40	349000	1745	CP-OFDM QPSK	108@54	21.89	19.12	0.0817
66	15	40	349000	1745	CP-OFDM QPSK	1@1	21.51	18.74	0.0748
66	15	40	349000	1745	CP-OFDM QPSK	1@214	22.06	19.29	0.0849
66	15	40	352000	1760	DFT-s-OFDM QPSK	108@54	23.58	20.81	0.1205
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	23.21	20.44	0.1107
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@214	23.39	20.62	0.1153
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	108@54	22.57	19.8	0.0955
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	22.35	19.58	0.0908
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@214	22.52	19.75	0.0944
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	108@54	21.09	18.32	0.0679
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@1	20.51	17.74	0.0594
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@214	20.63	17.86	0.0611
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	108@54	19.09	16.32	0.0429
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@1	18.62	15.85	0.0385
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@214	18.75	15.98	0.0396
66	15	40	352000	1760	CP-OFDM QPSK	108@54	22.06	19.29	0.0849
66	15	40	352000	1760	CP-OFDM QPSK	1@1	21.68	18.91	0.0778
66	15	40	352000	1760	CP-OFDM QPSK	1@214	21.84	19.07	0.0807

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	11	**PASS**	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	10	**PASS**	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	6.4	**PASS**	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	4.9	**PASS**	-30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	5.3	**PASS**	-20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	10.8	**PASS**	-10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	5	**PASS**	0℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	14.4	**PASS**	10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	6.5	**PASS**	20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	10	**PASS**	30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	8.1	**PASS**	40℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	8.5	**PASS**	50℃

|MAX(△f)| = 14.4 Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
fL – |MAX(△f)|	1710.52646856	≧ 1710 MHz	PASS
fH + |MAX(△f)|	1779.39503144	≦ 1780 MHz	

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	5.79	13	**PASS**

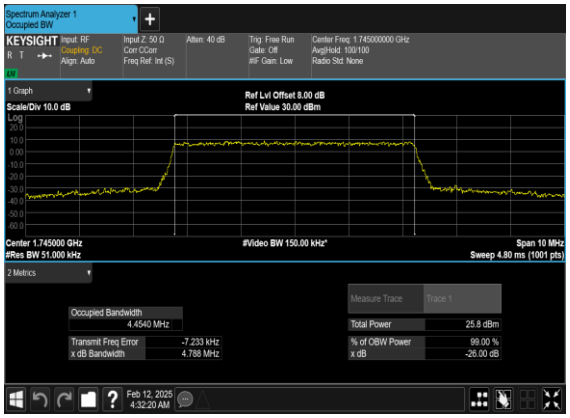
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

Occupied Bandwidth

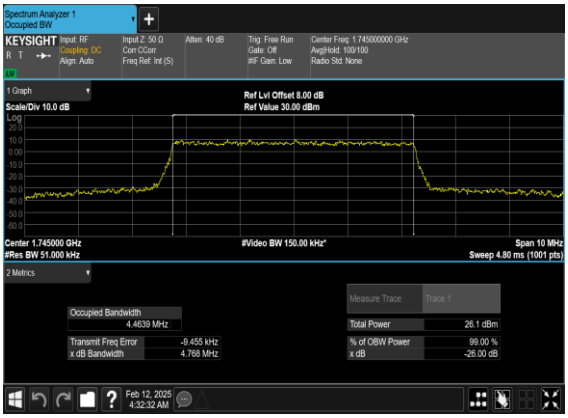
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.454	4.788
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4639	4.768
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4721	4.771
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4682	4.781
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2713	9.71
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2654	9.685
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2783	9.739
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2593	9.708
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.104	14.65
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.083	14.69
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.1	14.69
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.086	14.68
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.874	19.63
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.875	19.66
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.898	19.6
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.866	19.71
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.701	24.62
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.698	24.63
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.715	24.64
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.706	24.68
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.54	29.5
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.447	29.57

66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.437	29.61
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.449	29.51
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.489	39.82
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.479	39.85
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.501	39.83
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.524	39.88

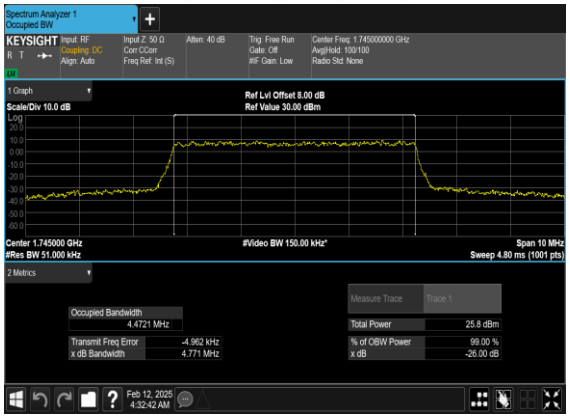
N66(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N66(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

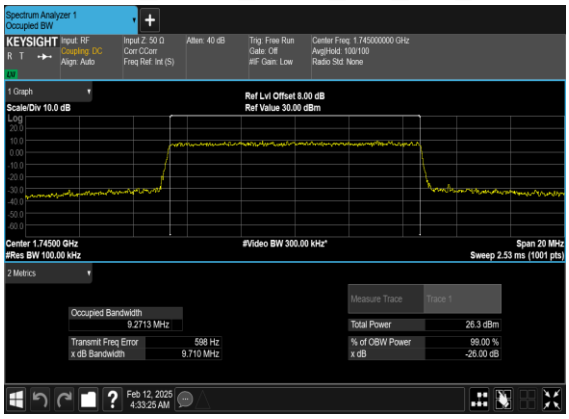


N66(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

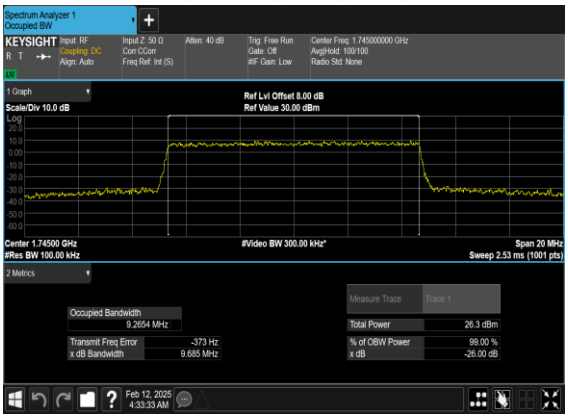


N66(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

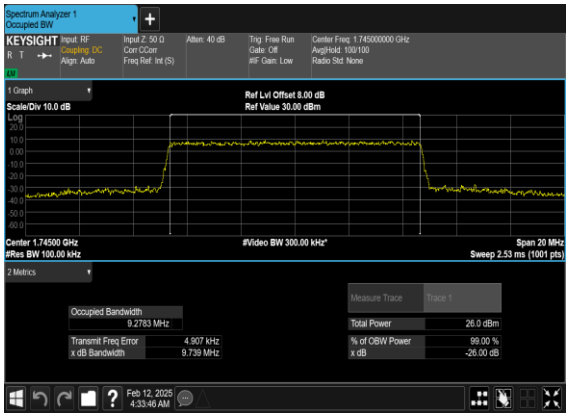
N66(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N66(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

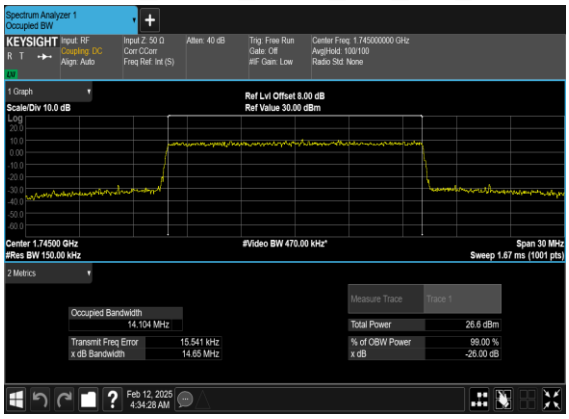


N66(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

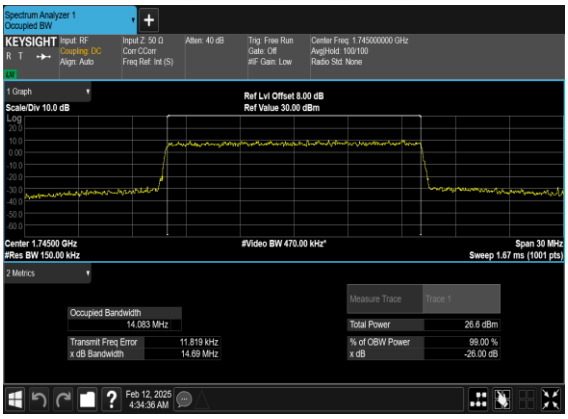


N66(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

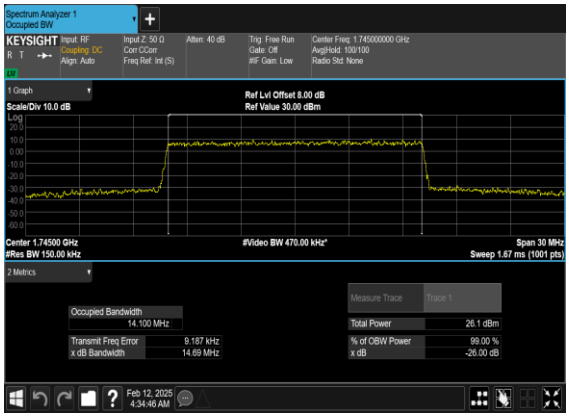
N66(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N66(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

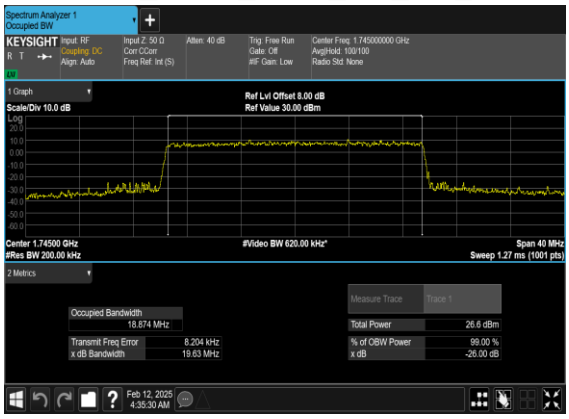


N66(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

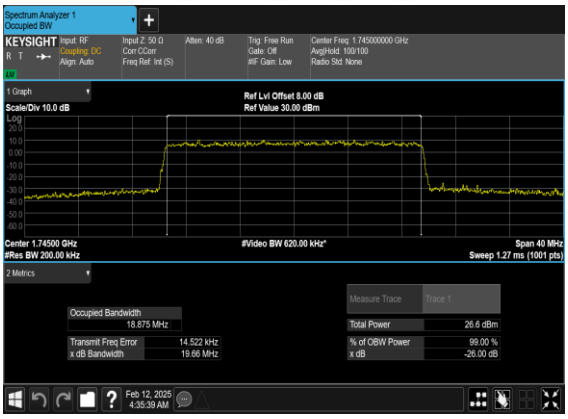


N66(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

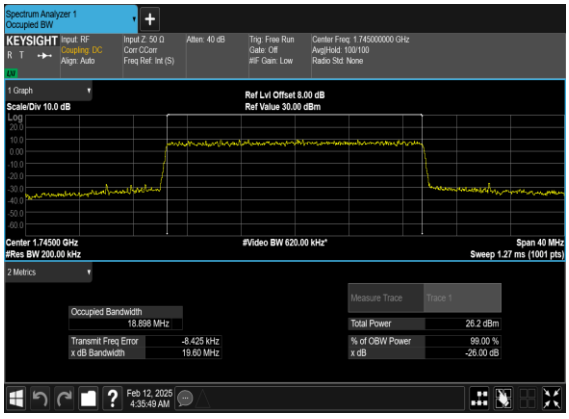
N66(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N66(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

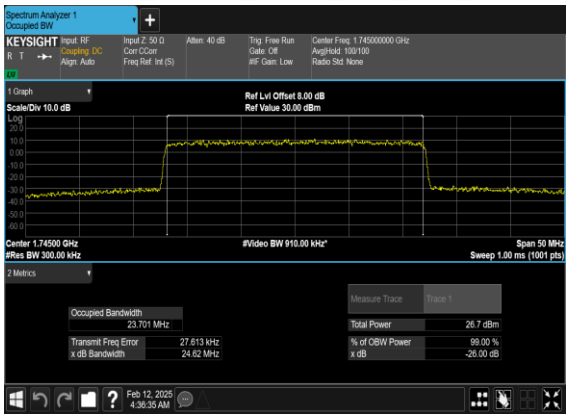


N66(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

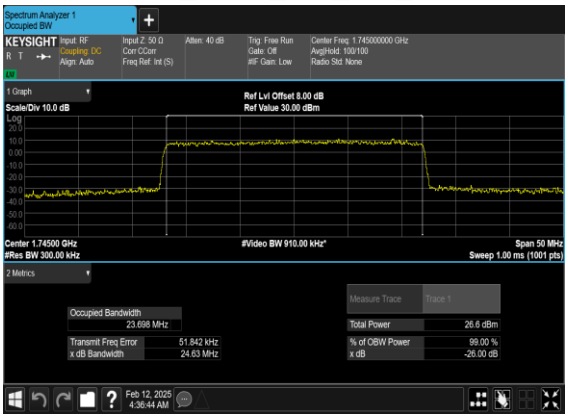


N66(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N66(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



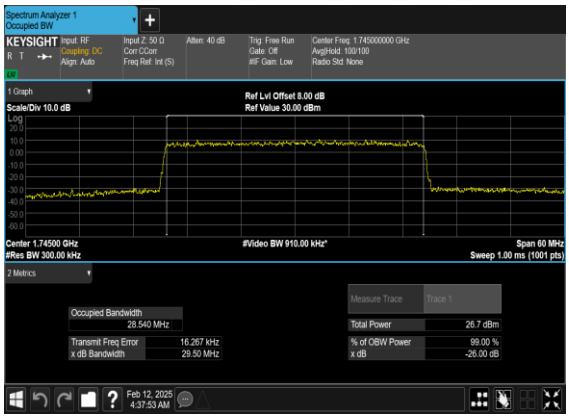
N66(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



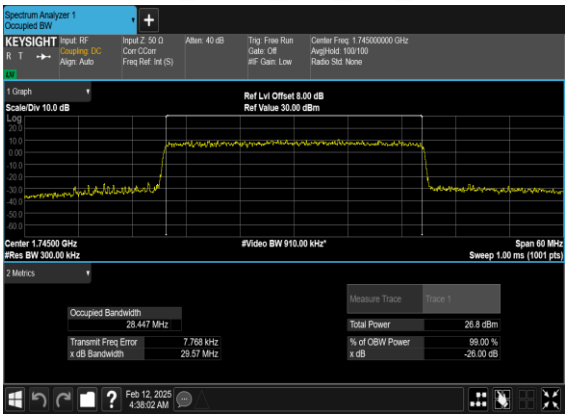
N66(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N66(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N66(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



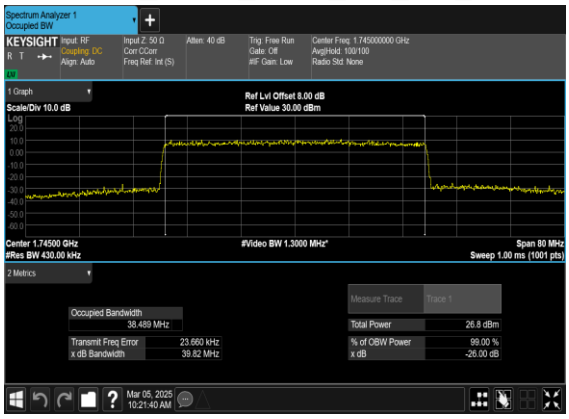
N66(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



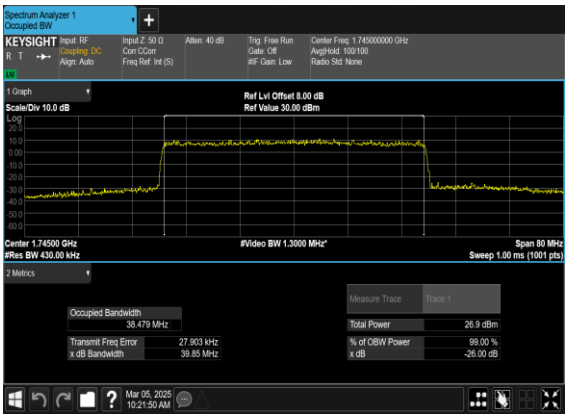
N66(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N66(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

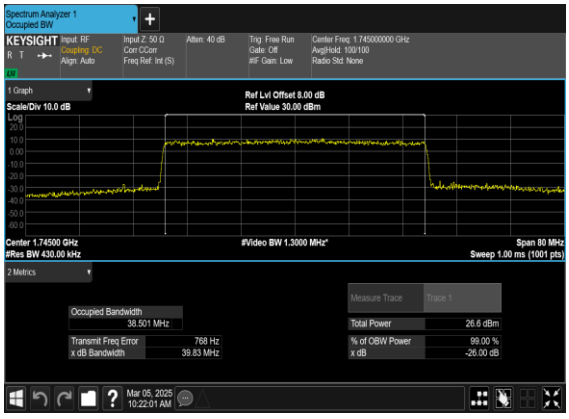
N66(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

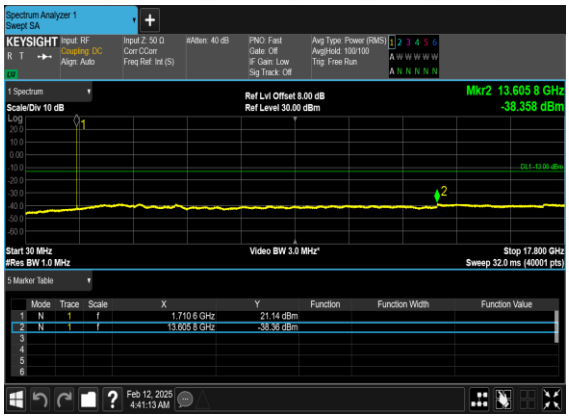


N66(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

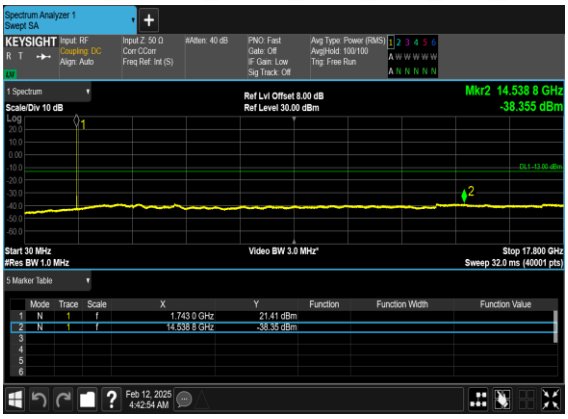
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

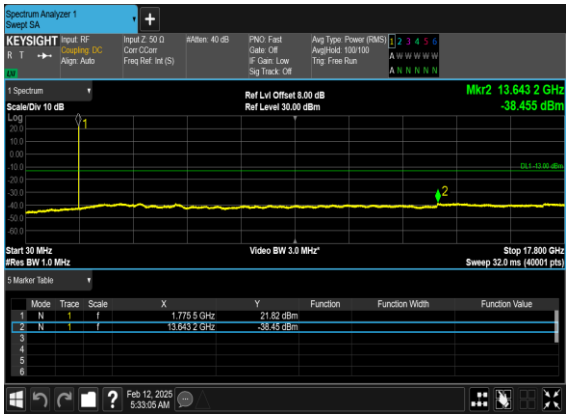
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



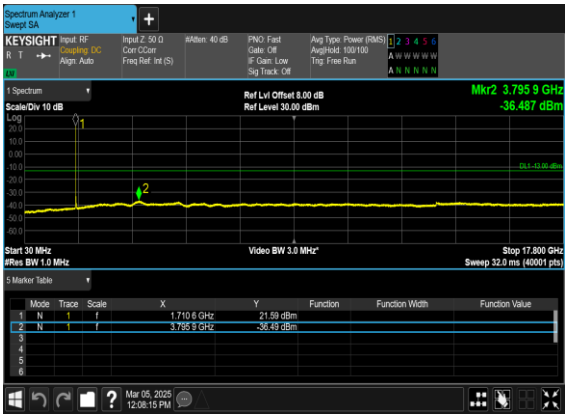
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



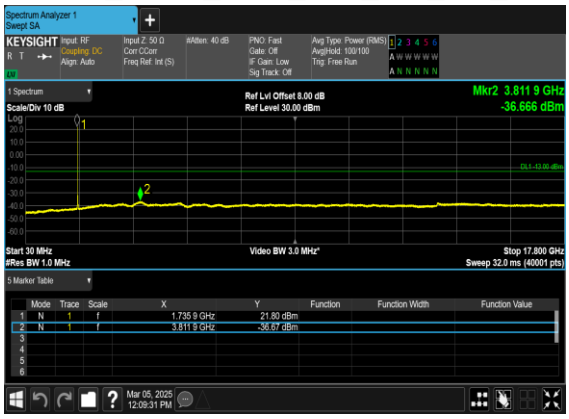
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



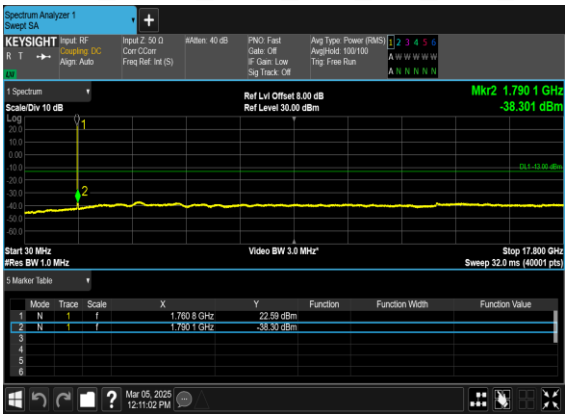
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



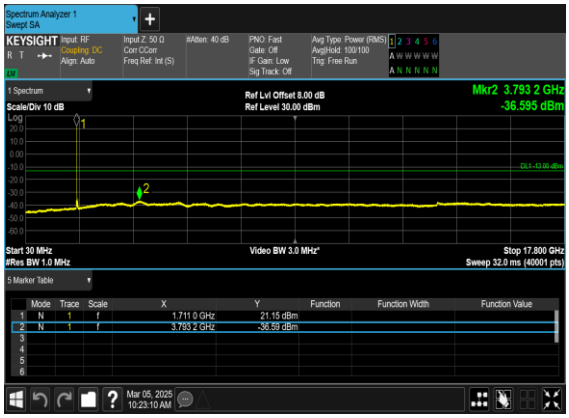
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



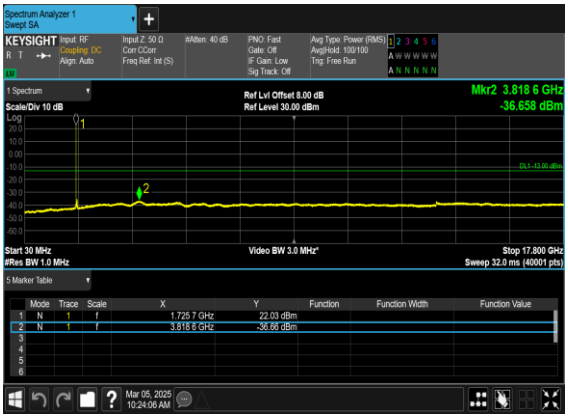
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



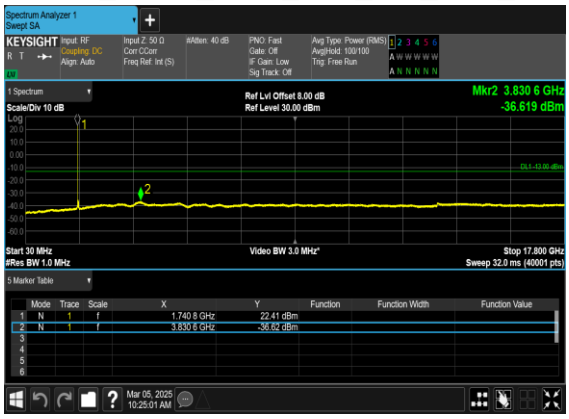
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



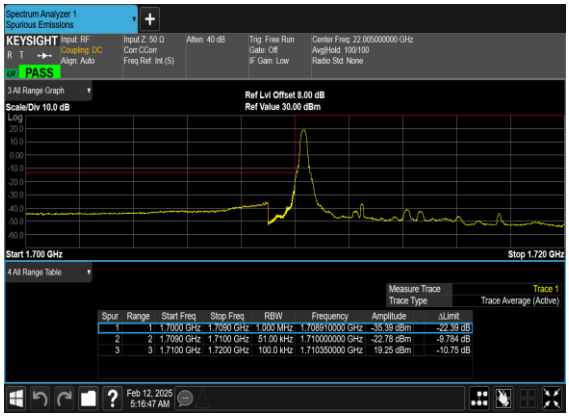
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



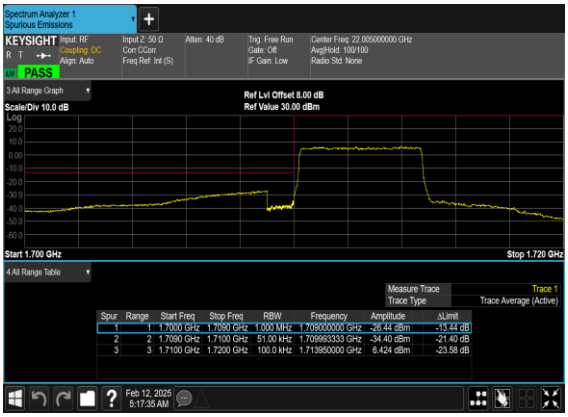
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	216@0	see graph	**PASS**
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@215	see graph	**PASS**
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	216@0	see graph	**PASS**

N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

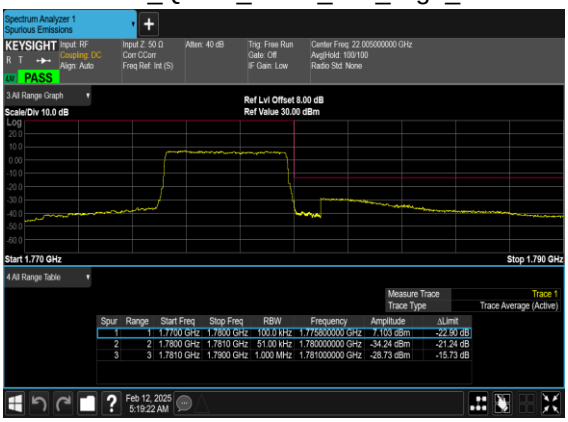


N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

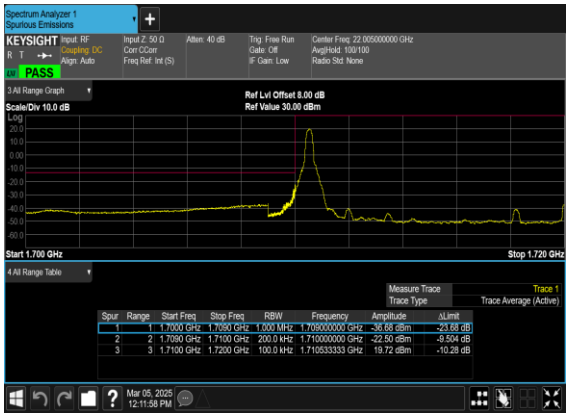


N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

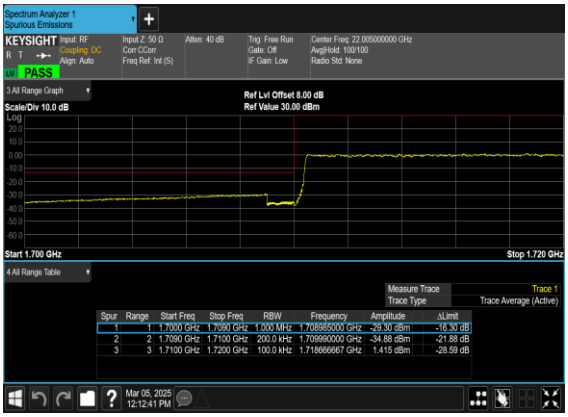
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



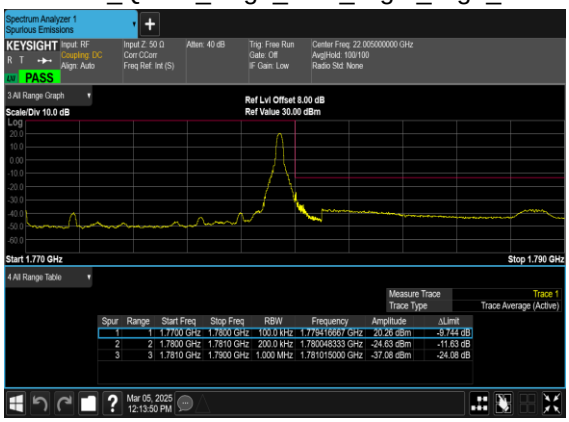
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



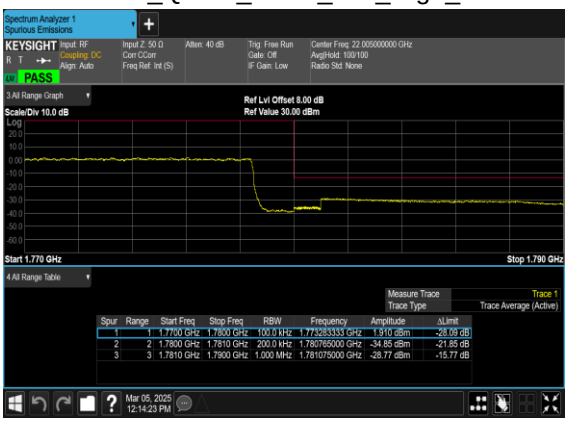
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



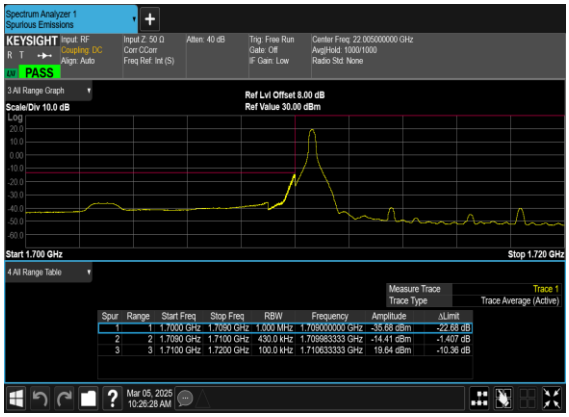
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



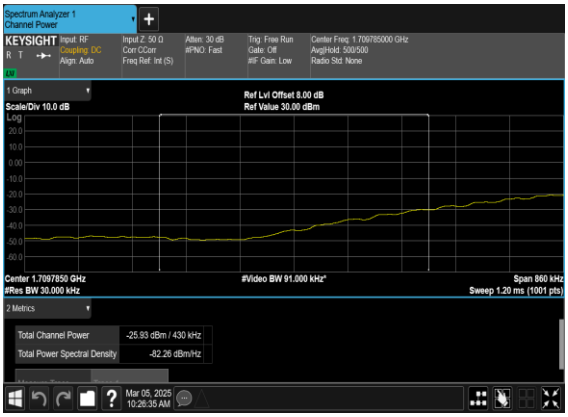
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



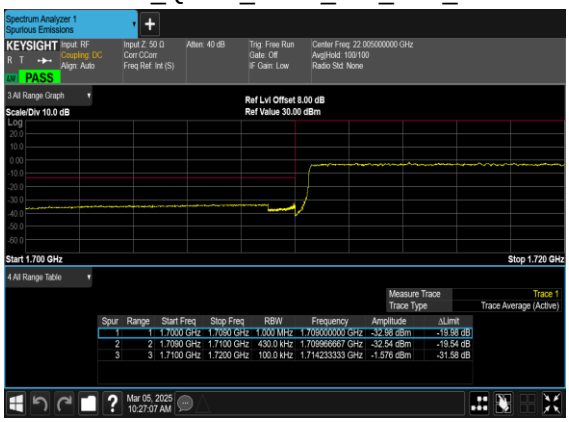
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



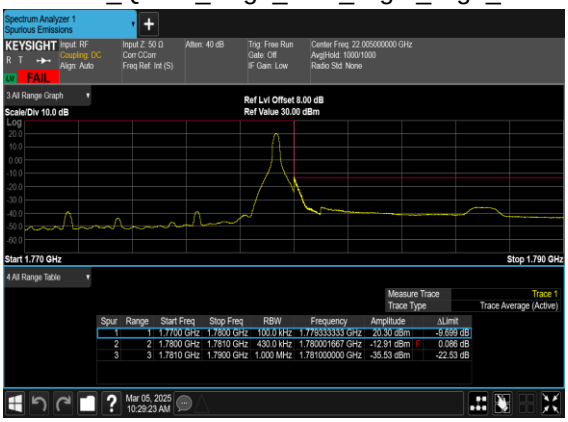
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



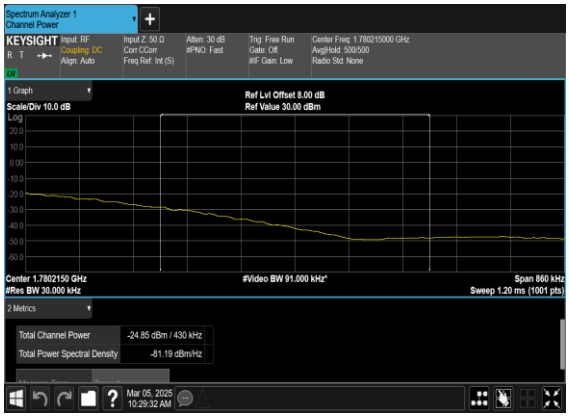
N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



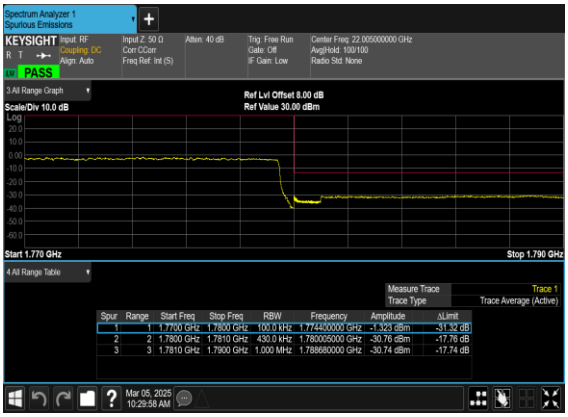
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N66(40M)_DFT-s-OFDM_QPSK _Edge_1RB_Right_High_CH_**CHP_PASS**



N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	PingZhou Liang	Temperature :	22~25℃
		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 / NR 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	3741.6	-64.24	-13	-51.24	-81.28	-70.99	5.85	12.60	H
	5612.4	-62.56	-13	-49.56	-83.10	-68.36	7.30	13.10	H
	7483.2	-57.77	-13	-44.77	-82.40	-60.92	8.35	11.50	H
	3741.6	-63.96	-13	-50.96	-80.92	-70.71	5.85	12.60	V
	5612.4	-62.73	-13	-49.73	-83.46	-68.53	7.30	13.10	V
	7483.2	-57.44	-13	-44.44	-82.06	-60.59	8.35	11.50	V

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

EN-DC_7A_n2A / LTE 10MHz + NR 20MHz / QPSK (ANT3+4)									
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)
NR n2 Middle	3741.6	-63.97	-13	-50.97	-81.01	-70.72	5.85	12.60	H
	5612.4	-62.10	-13	-49.10	-82.64	-67.90	7.30	13.10	H
	7483.2	-56.74	-13	-43.74	-81.37	-59.89	8.35	11.50	H
	3741.6	-63.62	-13	-50.62	-80.58	-70.37	5.85	12.60	V
	5612.4	-62.16	-13	-49.16	-82.89	-67.96	7.30	13.10	V
	7483.2	-57.33	-13	-44.33	-81.95	-60.48	8.35	11.50	V
LTE Band7 Middle	5052.00	-61.52	-25	-36.52	-81.46	-67.08	7.14	12.70	H
	7578.00	-57.09	-25	-32.09	-81.54	-60.39	8.30	11.60	H
	10104.00	-53.07	-25	-28.07	-82.08	-54.59	10.48	12.00	H
	5052.00	-61.90	-25	-36.90	-81.96	-67.46	7.14	12.70	V
	7578.00	-57.53	-25	-32.53	-81.94	-60.83	8.30	11.60	V
	10104.00	-53.65	-25	-28.65	-81.26	-55.17	10.48	12.00	V

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

n26 SA / NR 20MHz / QPSK(ANT3)									
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	1654.6	-68.17	-13	-55.17	-76.67	-71.42	4.00	9.40	H
	2481.9	-65.67	-13	-52.67	-78.64	-69.24	4.88	10.60	H
	3309.2	-63.92	-13	-50.92	-78.81	-68.85	5.52	12.60	H
	1654.6	-67.93	-13	-54.93	-76.03	-71.18	4.00	9.40	V
	2481.9	-65.32	-13	-52.32	-78.26	-68.89	4.88	10.60	V
	3309.2	-63.71	-13	-50.71	-78.38	-68.64	5.52	12.60	V

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

EN-DC_7A_n5A / LTE 10MHz + NR 20MHz / QPSK (ANT1+0)									
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	1645	-66.73	-13	-53.73	-76.65	-69.98	4.00	9.40	H
	2467.5	-63.87	-13	-50.87	-78.39	-67.44	4.88	10.60	H
	3290	-64.35	-13	-51.35	-79.41	-69.28	5.52	12.60	H
	1645	-67.13	-13	-54.13	-76.79	-70.38	4.00	9.40	V
	2467.5	-64.02	-13	-51.02	-78.51	-67.59	4.88	10.60	V
	3290	-64.01	-13	-51.01	-78.88	-68.94	5.52	12.60	V
LTE Band7 Middle	5052.00	-62.07	-25	-37.07	-82.01	-67.63	7.14	12.70	H
	7578.00	-57.28	-25	-32.28	-81.73	-60.58	8.30	11.60	H
	10104.00	-53.41	-25	-28.41	-82.42	-54.93	10.48	12.00	H
	5052.00	-62.05	-25	-37.05	-82.11	-67.61	7.14	12.70	V
	7578.00	-57.70	-25	-32.70	-82.11	-61.00	8.30	11.60	V
	10104.00	-54.12	-25	-29.12	-81.73	-55.64	10.48	12.00	V

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

N66 SA / NR 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	3452	-64.53	-13	-51.53	-77.04	-71.38	5.65	12.50	H
	5178	-62.52	-13	-49.52	-79.96	-68.19	7.13	12.80	H
	6904	-59.44	-13	-46.44	-79.67	-62.84	8.40	11.80	H
	3452	-64.06	-13	-51.06	-77.12	-70.91	5.65	12.50	V
	5178	-62.22	-13	-49.22	-79.6	-67.89	7.13	12.80	V
	6904	-59.33	-13	-46.33	-79.49	-62.73	8.40	11.80	V

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

EN-DC_7A_n66A / LTE 10MHz + NR 40MHz / QPSK (ANT5+3)									
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)
NR n66 Middle	3453.2	-64.21	-13	-51.21	-79.57	-71.06	5.65	12.50	H
	5179.8	-62.14	-13	-49.14	-81.95	-67.81	7.13	12.80	H
	6906.4	-58.76	-13	-45.76	-82.28	-62.16	8.40	11.80	H
	3453.2	-63.68	-13	-50.68	-79.08	-70.53	5.65	12.50	V
	5179.8	-62.03	-13	-49.03	-82.13	-67.70	7.13	12.80	V
	6906.4	-59.21	-13	-46.21	-83.21	-62.61	8.40	11.80	V
LTE Band7 Middle	5052.00	-61.24	-25	-36.24	-81.18	-66.80	7.14	12.70	H
	7578.00	-57.18	-25	-32.18	-81.63	-60.48	8.30	11.60	H
	10104.00	-53.26	-25	-28.26	-82.27	-54.78	10.48	12.00	H
	5052.00	-61.48	-25	-36.48	-81.54	-67.04	7.14	12.70	V
	7578.00	-57.43	-25	-32.43	-81.84	-60.73	8.30	11.60	V
	10104.00	-53.67	-25	-28.67	-81.28	-55.19	10.48	12.00	V

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