



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0000	PASS	LV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0028	PASS	HV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0014	PASS	-30°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0005	PASS	-20°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0061	PASS	-10°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0069	PASS	0°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0024	PASS	10°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0030	PASS	20°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0000	PASS	30°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0064	PASS	40°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0026	PASS	50°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0026	PASS	LV



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	12.9	PASS	NV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	10.7	PASS	LV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	14	PASS	HV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	12.5	PASS	-30°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	17.7	PASS	-20°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	18.4	PASS	-10°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	14.8	PASS	0°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	10.5	PASS	10°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	12.9	PASS	20°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	18	PASS	30°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	15	PASS	40°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	10.8	PASS	50°C

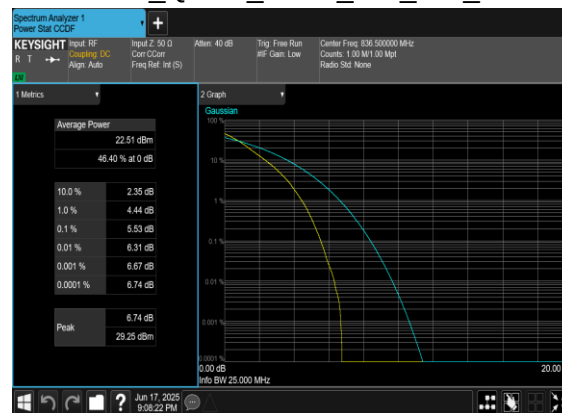
$|\text{MAX}(\Delta f)| = 18.4 \text{ Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	824.4894816	$\geq 824 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	847.3916184	$\leq 849 \text{ MHz}$	

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	5.53	13	PASS

N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



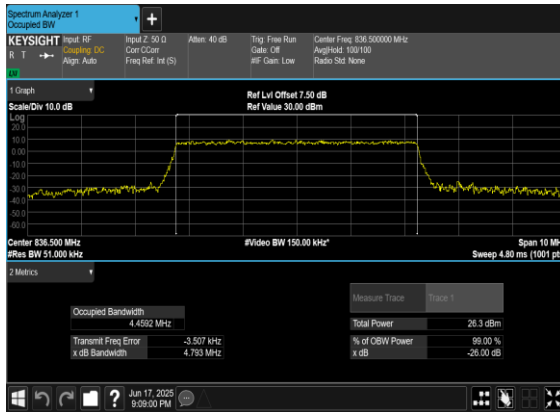


Occupied Bandwidth

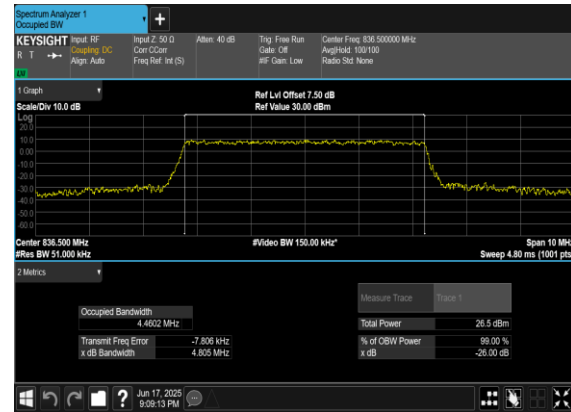
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
26	15	5	167300	836.5	CP-OFDM QPSK	25@0	4.4592	4.793
26	15	5	167300	836.5	CP-OFDM 16 QAM	25@0	4.4602	4.805
26	15	5	167300	836.5	CP-OFDM 64 QAM	25@0	4.4787	4.804
26	15	5	167300	836.5	CP-OFDM 256 QAM	25@0	4.4713	4.789
26	15	10	167300	836.5	CP-OFDM QPSK	52@0	9.2654	9.731
26	15	10	167300	836.5	CP-OFDM 16 QAM	52@0	9.2533	9.711
26	15	10	167300	836.5	CP-OFDM 64 QAM	52@0	9.2959	9.675
26	15	10	167300	836.5	CP-OFDM 256 QAM	52@0	9.2756	9.703
26	15	15	167300	836.5	CP-OFDM QPSK	79@0	14.09	14.67
26	15	15	167300	836.5	CP-OFDM 16 QAM	79@0	14.087	14.69
26	15	15	167300	836.5	CP-OFDM 64 QAM	79@0	14.093	14.71
26	15	15	167300	836.5	CP-OFDM 256 QAM	79@0	14.109	14.64
26	15	20	167300	836.5	CP-OFDM QPSK	106@0	18.866	19.68
26	15	20	167300	836.5	CP-OFDM 16 QAM	106@0	18.884	19.75
26	15	20	167300	836.5	CP-OFDM 64 QAM	106@0	18.924	19.65
26	15	20	167300	836.5	CP-OFDM 256 QAM	106@0	18.883	19.65



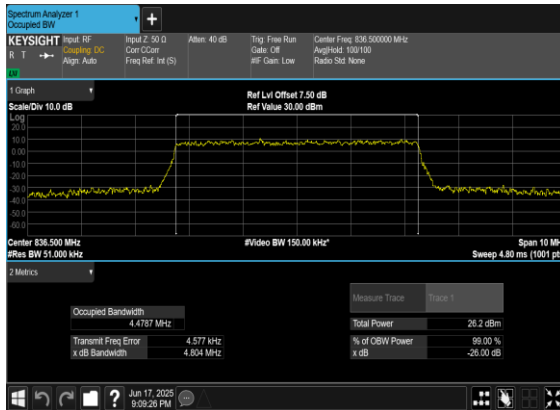
N26(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



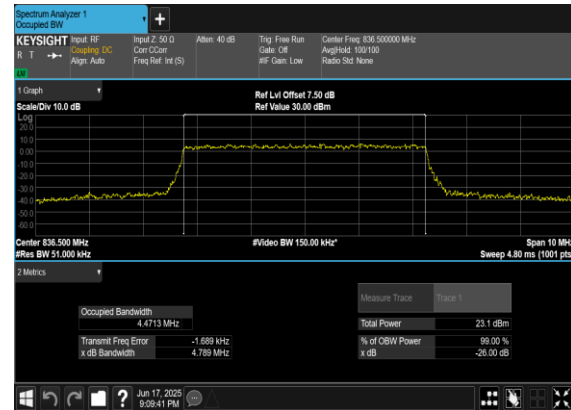
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QAM_Outer_Full_Mid_CH



N26(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

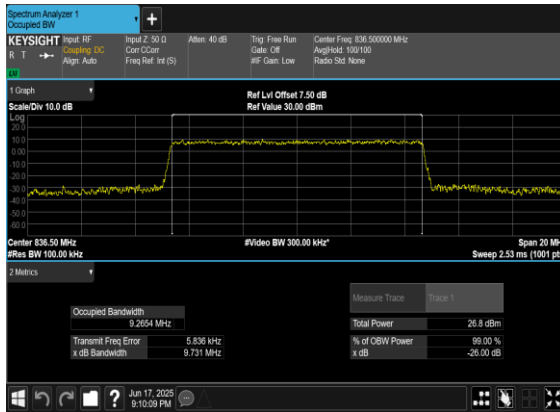


N26(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

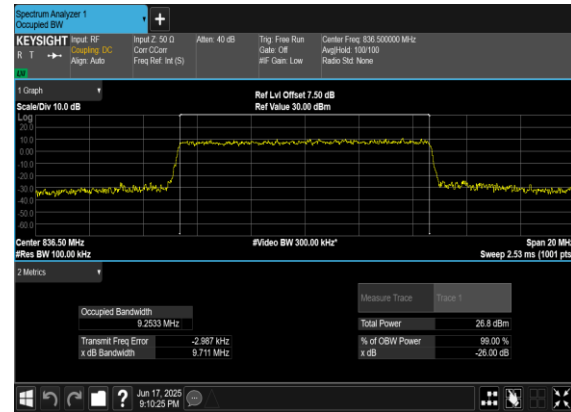




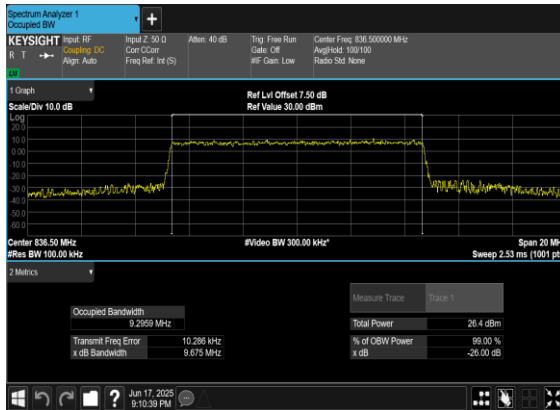
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OFDM_QPSK_Outer_Full_Mid_CH



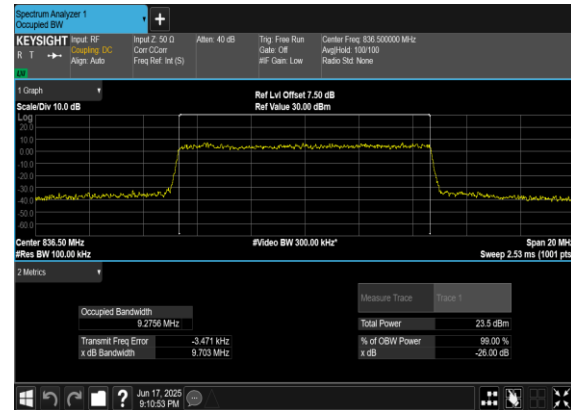
N26(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N26(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

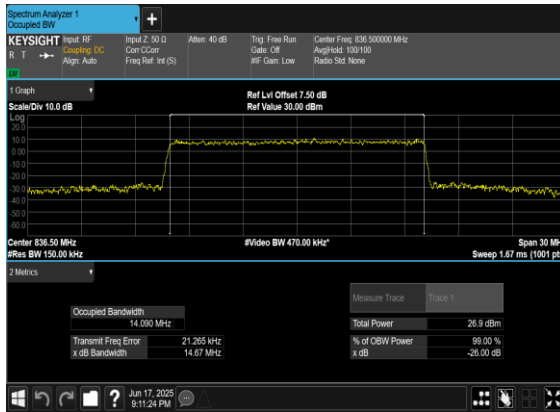


N26(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

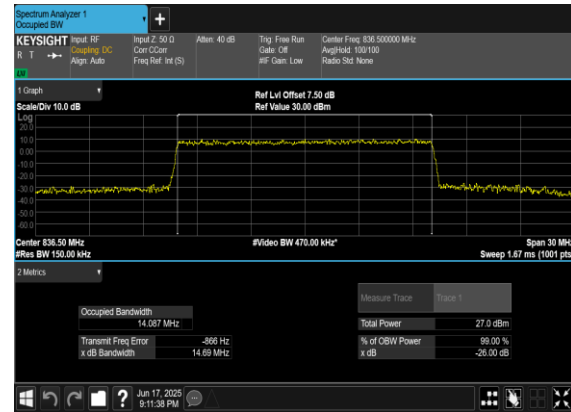




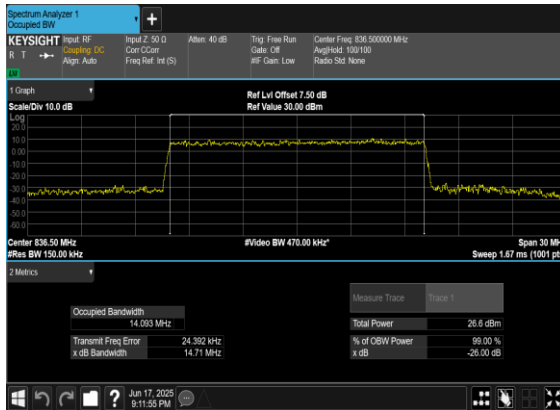
N26(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



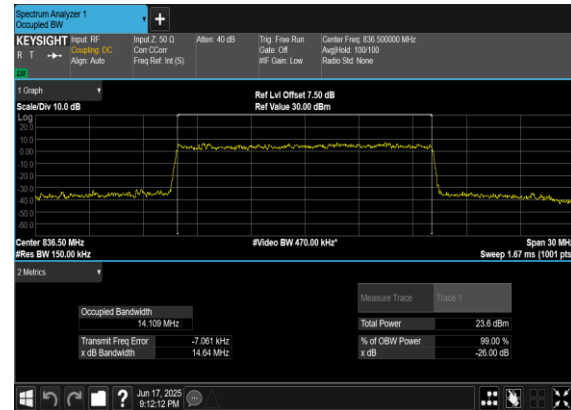
N26(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N26(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

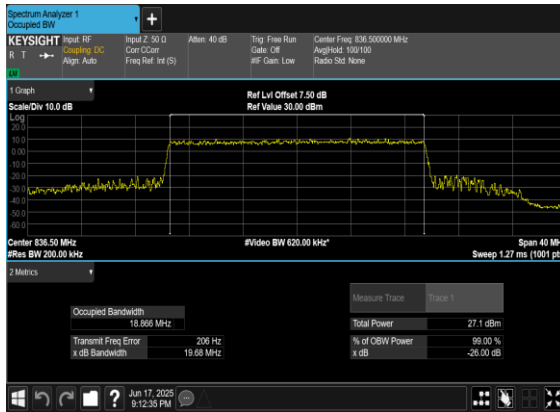


N26(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

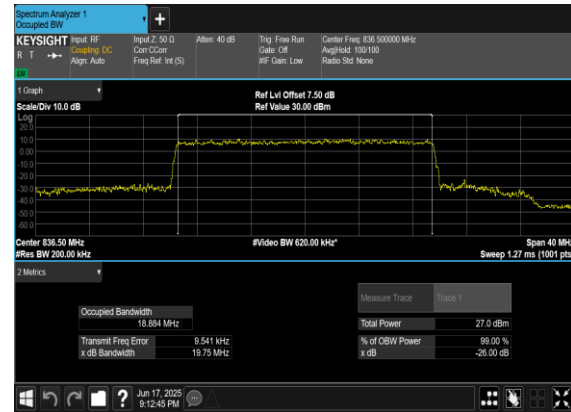




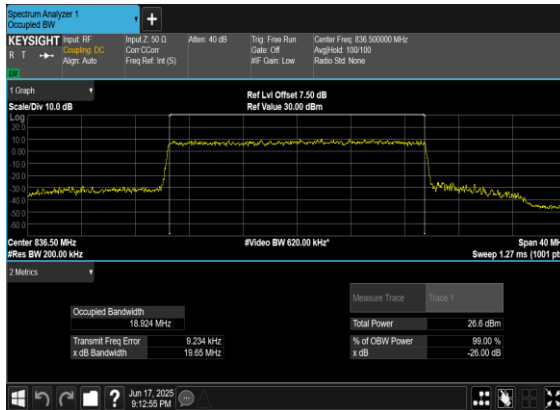
N26(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



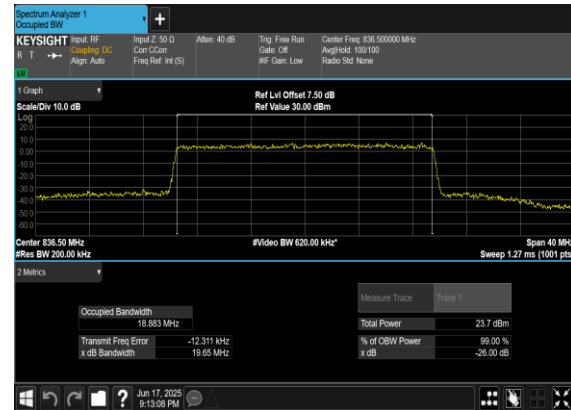
N26(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N26(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N26(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



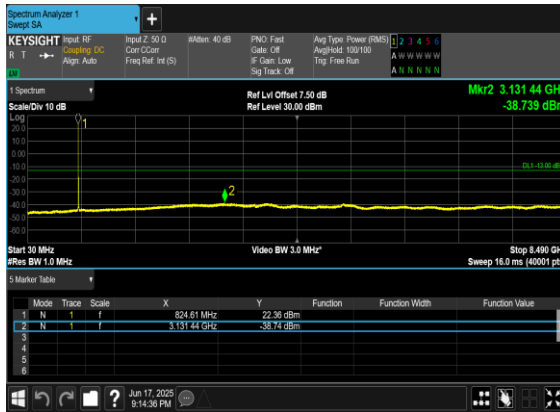


Conducted Spurious Emissions

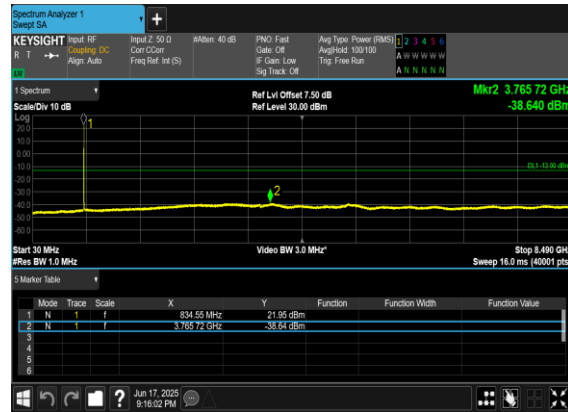
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	PASS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



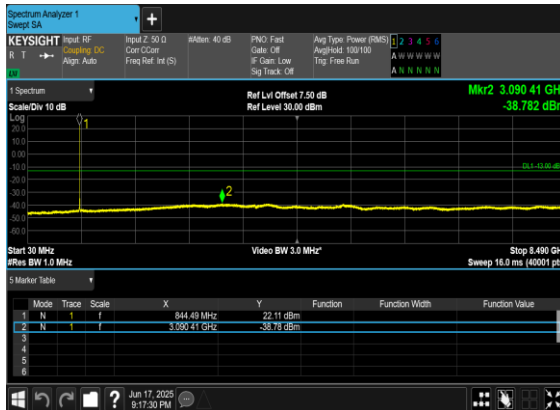
N26(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N26(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

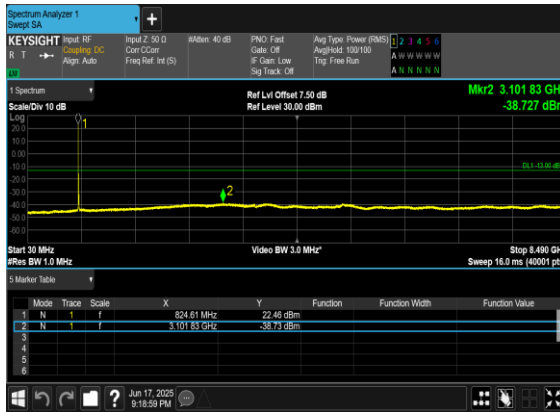


N26(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

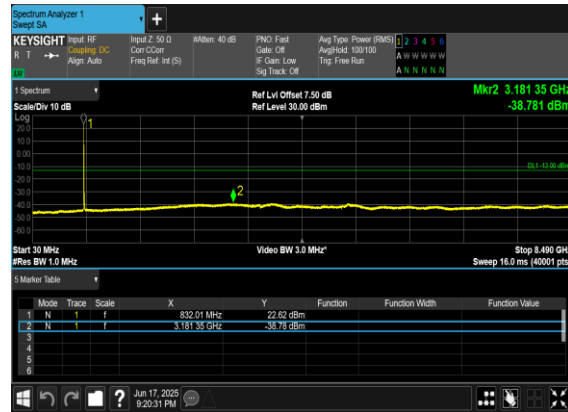




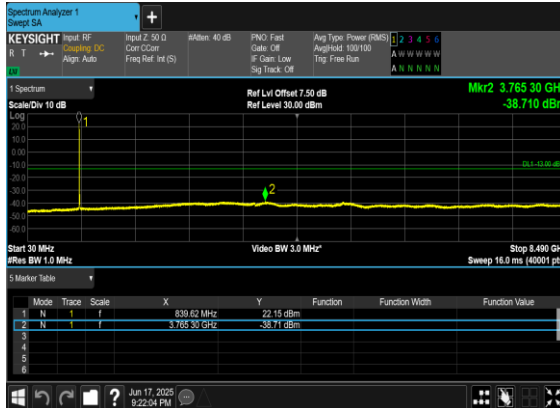
N26(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N26(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

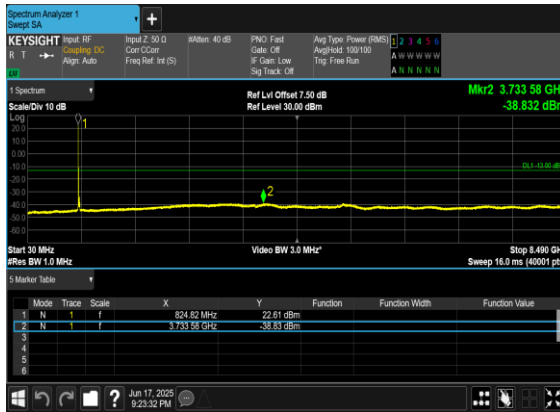


N26(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

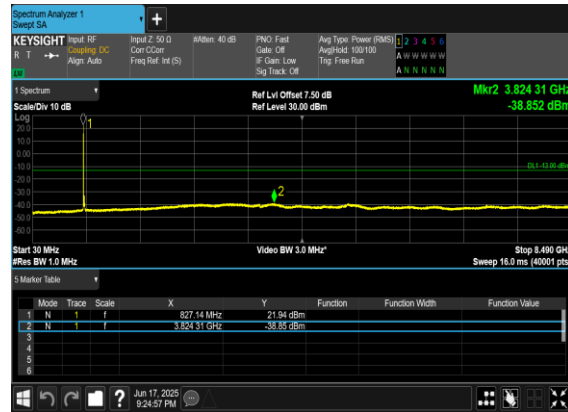




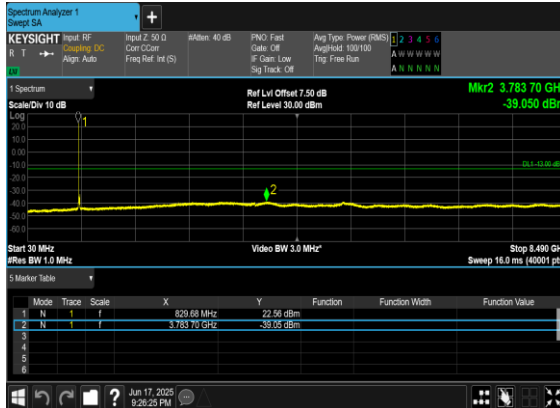
N26(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N26(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N26(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

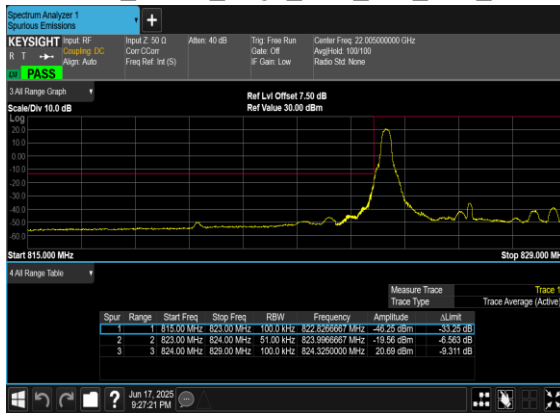


**Conducted Band Edge**

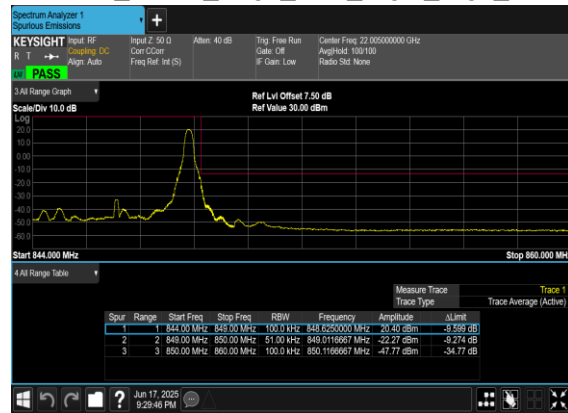
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	5	165300	826.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
26	15	5	169300	846.5	DFT-s-OFDM QPSK	25@0	see graph	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



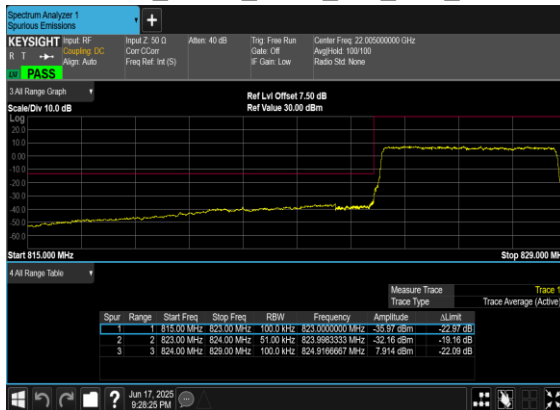
N26(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



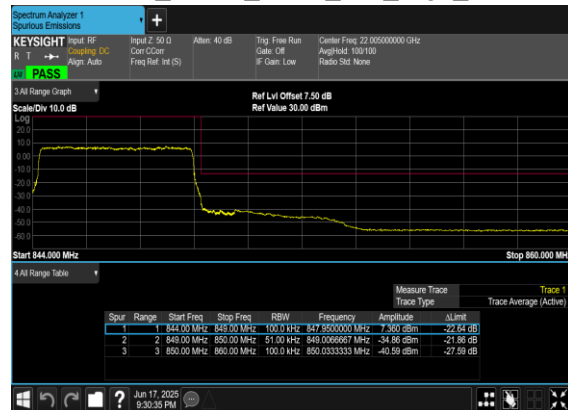
N26(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N26(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

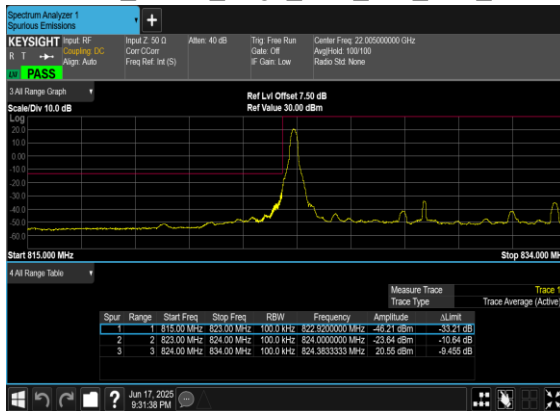


N26(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

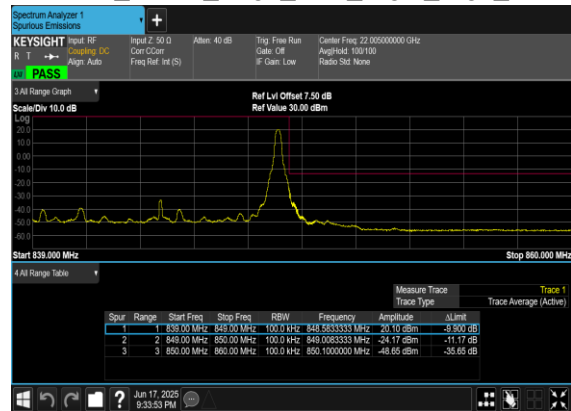




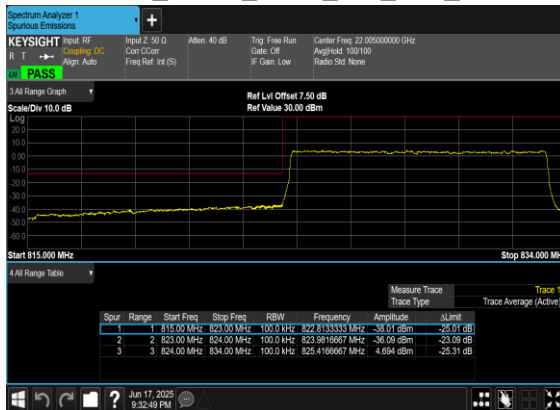
N26(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



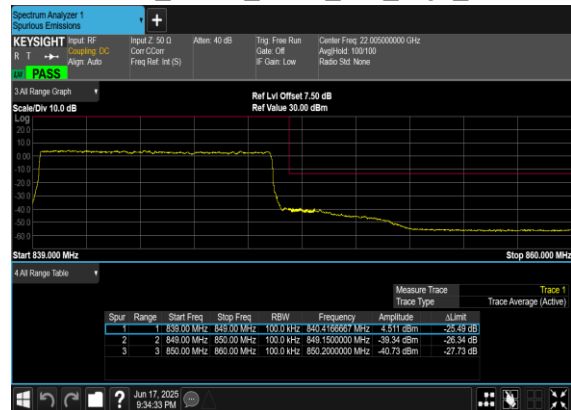
N26(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N26(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

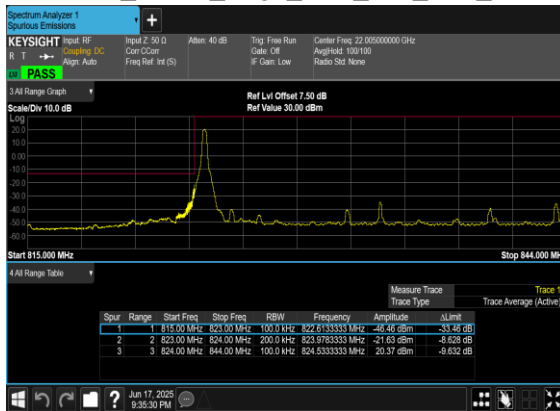


N26(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

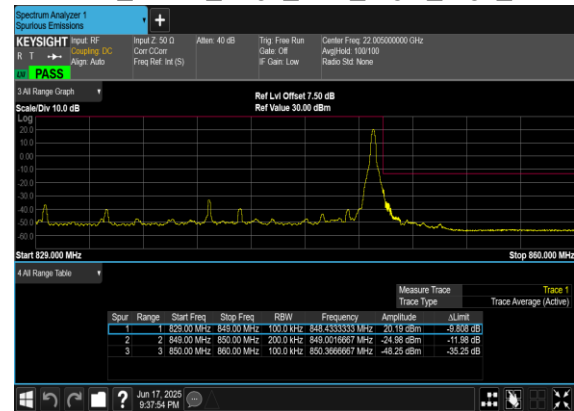




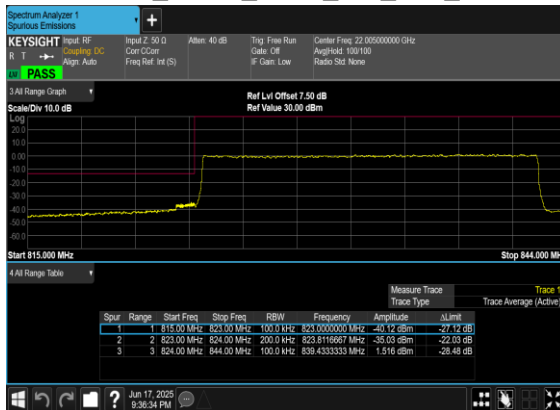
N26(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



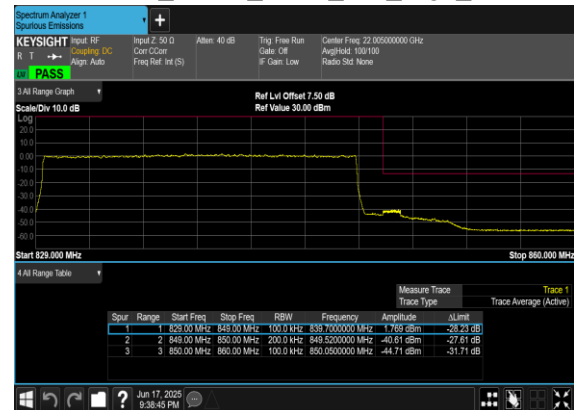
N26(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N26(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N26(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





FR1 N66 NSA(ANT3)

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=-1.83dB

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	23.19	21.36	0.1368
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	23.06	21.23	0.1327
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@23	23.07	21.24	0.1330
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	12@6	22.4	20.57	0.1140
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	22.32	20.49	0.1119
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@23	22.15	20.32	0.1076
66	15	5	349000	1745	DFT-s-OFDM QPSK	12@6	23.04	21.21	0.1321
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	22.99	21.16	0.1306
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@23	22.87	21.04	0.1271
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	12@6	22.27	20.44	0.1107
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.42	20.59	0.1146
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@23	22.29	20.46	0.1112
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	12@6	23.15	21.32	0.1355
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	22.47	20.64	0.1159
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@23	22.55	20.72	0.1180
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	12@6	22.37	20.54	0.1132
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	21.86	20.03	0.1007
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@23	21.96	20.13	0.1030
66	15	10	343000	1715	DFT-s-OFDM QPSK	25@12	23.13	21.3	0.1349
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	23.16	21.33	0.1358
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@50	23.06	21.23	0.1327
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	25@12	22.44	20.61	0.1151
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	22.04	20.21	0.1050
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@50	22.27	20.44	0.1107
66	15	10	349000	1745	DFT-s-OFDM QPSK	25@12	23.01	21.18	0.1312
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	23.03	21.2	0.1318
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@50	22.87	21.04	0.1271
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	25@12	22.28	20.45	0.1109
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.05	20.22	0.1052
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@50	22.26	20.43	0.1104
66	15	10	355000	1775	DFT-s-OFDM QPSK	25@12	23.01	21.18	0.1312
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	22.88	21.05	0.1274
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@50	22.52	20.69	0.1172
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	25@12	22.32	20.49	0.1119
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	21.8	19.97	0.0993
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@50	22.01	20.18	0.1042
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	36@18	23.26	21.43	0.1390
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	23.07	21.24	0.1330
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@77	23.11	21.28	0.1343



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	36@18	22.57	20.74	0.1186
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	22.15	20.32	0.1076
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@77	22.53	20.7	0.1175
66	15	15	349000	1745	DFT-s-OFDM QPSK	36@18	23.11	21.28	0.1343
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	23.02	21.19	0.1315
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@77	22.83	21	0.1259
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	36@18	22.39	20.56	0.1138
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.08	20.25	0.1059
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@77	22.28	20.45	0.1109
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	36@18	22.93	21.1	0.1288
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	22.67	20.84	0.1213
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@77	22.63	20.8	0.1202
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	36@18	22.28	20.45	0.1109
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	21.95	20.12	0.1028
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@77	21.96	20.13	0.1030
66	15	20	344000	1720	DFT-s-OFDM QPSK	50@25	23.24	21.41	0.1384
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	23.11	21.28	0.1343
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@104	22.96	21.13	0.1297
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	50@25	22.53	20.7	0.1175
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	22.08	20.25	0.1059
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@104	22.05	20.22	0.1052
66	15	20	349000	1745	DFT-s-OFDM QPSK	50@25	23.05	21.22	0.1324
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	22.65	20.82	0.1208
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@104	22.67	20.84	0.1213
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	50@25	22.32	20.49	0.1119
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.98	20.15	0.1035
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@104	21.81	19.98	0.0995
66	15	20	354000	1770	DFT-s-OFDM QPSK	50@25	22.96	21.13	0.1297
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	22.75	20.92	0.1236
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@104	22.57	20.74	0.1186
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	50@25	22.3	20.47	0.1114
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	22.1	20.27	0.1064
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@104	22.02	20.19	0.1045
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	64@32	23.36	21.53	0.1422
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@1	22.9	21.07	0.1279
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@131	22.61	20.78	0.1197
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	64@32	22.61	20.78	0.1197
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@1	21.97	20.14	0.1033
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@131	22.01	20.18	0.1042
66	15	25	349000	1745	DFT-s-OFDM QPSK	64@32	23.11	21.28	0.1343
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@1	22.82	20.99	0.1256
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@131	22.48	20.65	0.1161
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	64@32	22.35	20.52	0.1127
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.1	20.27	0.1064



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@131	21.91	20.08	0.1019
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	64@32	23.04	21.21	0.1321
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@1	22.81	20.98	0.1253
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@131	22.54	20.71	0.1178
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	64@32	22.29	20.46	0.1112
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@1	22.06	20.23	0.1054
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@131	22.01	20.18	0.1042
66	15	30	345000	1725	DFT-s-OFDM QPSK	80@40	23.39	21.56	0.1432
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	22.81	20.98	0.1253
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@158	22.61	20.78	0.1197
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	80@40	22.68	20.85	0.1216
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	22.08	20.25	0.1059
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@158	22	20.17	0.1040
66	15	30	349000	1745	DFT-s-OFDM QPSK	80@40	23.12	21.29	0.1346
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	22.97	21.14	0.1300
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@158	22.38	20.55	0.1135
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	80@40	22.39	20.56	0.1138
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.17	20.34	0.1081
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@158	21.8	19.97	0.0993
66	15	30	353000	1765	DFT-s-OFDM QPSK	80@40	22.98	21.15	0.1303
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	22.92	21.09	0.1285
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@158	22.67	20.84	0.1213
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	80@40	22.32	20.49	0.1119
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	21.93	20.1	0.1023
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@158	22.11	20.28	0.1067
66	15	40	346000	1730	DFT-s-OFDM QPSK	108@54	23.45	21.62	0.1452
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	22.73	20.9	0.1230
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@214	22.54	20.71	0.1178
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	108@54	22.74	20.91	0.1233
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	22.13	20.3	0.1072
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@214	21.9	20.07	0.1016
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	108@54	21.22	19.39	0.0869
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@1	20.66	18.83	0.0764
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@214	20.78	18.95	0.0785
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	108@54	19.23	17.4	0.0550
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@1	18.94	17.11	0.0514
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@214	18.75	16.92	0.0492
66	15	40	346000	1730	CP-OFDM QPSK	108@54	22.21	20.38	0.1091
66	15	40	346000	1730	CP-OFDM QPSK	1@1	21.32	19.49	0.0889
66	15	40	346000	1730	CP-OFDM QPSK	1@214	21.4	19.57	0.0906
66	15	40	349000	1745	DFT-s-OFDM QPSK	108@54	23.27	21.44	0.1393
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	22.86	21.03	0.1268
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@214	22.49	20.66	0.1164
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	108@54	22.45	20.62	0.1153



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.48	20.65	0.1161
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@214	22.21	20.38	0.1091
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	108@54	20.99	19.16	0.0824
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@1	21.36	19.53	0.0897
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@214	20.97	19.14	0.0820
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	108@54	18.97	17.14	0.0518
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@1	19.13	17.3	0.0537
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@214	18.72	16.89	0.0489
66	15	40	349000	1745	CP-OFDM QPSK	108@54	22	20.17	0.1040
66	15	40	349000	1745	CP-OFDM QPSK	1@1	21.78	19.95	0.0989
66	15	40	349000	1745	CP-OFDM QPSK	1@214	21.3	19.47	0.0885
66	15	40	352000	1760	DFT-s-OFDM QPSK	108@54	23.08	21.25	0.1334
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	22.59	20.76	0.1191
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@214	22.68	20.85	0.1216
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	108@54	22.34	20.51	0.1125
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	21.95	20.12	0.1028
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@214	22.13	20.3	0.1072
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	108@54	20.85	19.02	0.0798
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@1	20.51	18.68	0.0738
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@214	20.63	18.8	0.0759
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	108@54	18.87	17.04	0.0506
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@1	18.87	17.04	0.0506
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@214	18.98	17.15	0.0519
66	15	40	352000	1760	CP-OFDM QPSK	108@54	21.84	20.01	0.1002
66	15	40	352000	1760	CP-OFDM QPSK	1@1	21.25	19.42	0.0875
66	15	40	352000	1760	CP-OFDM QPSK	1@214	21.48	19.65	0.0923



Software Version: 23.06.1602

FR1 N66 SA(ANT4)

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	16	PASS	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	11.4	PASS	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	18.9	PASS	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	13.5	PASS	-30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	16.5	PASS	-20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	11.1	PASS	-10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	14.9	PASS	0°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	14.4	PASS	10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	16	PASS	20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	13.1	PASS	30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	12.3	PASS	40°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	11.8	PASS	50°C

 $|\text{MAX}(\Delta f)| = 18.3 \text{ Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	1710.489481	$\geq 1710 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	1778.391619	$\leq 1780 \text{ MHz}$	



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	5.74	13	PASS

N66(20M)_DFT-s-OFDM QPSK Outer Full Mid CH



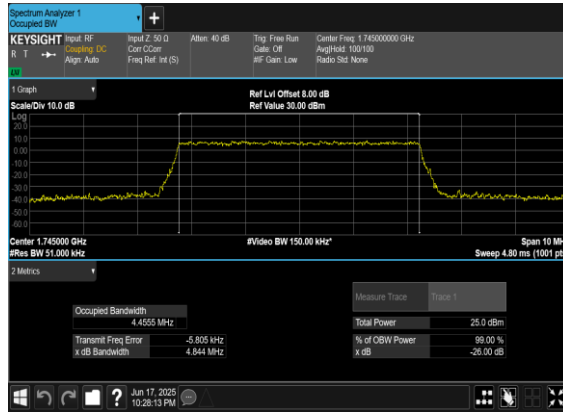


Occupied Bandwidth

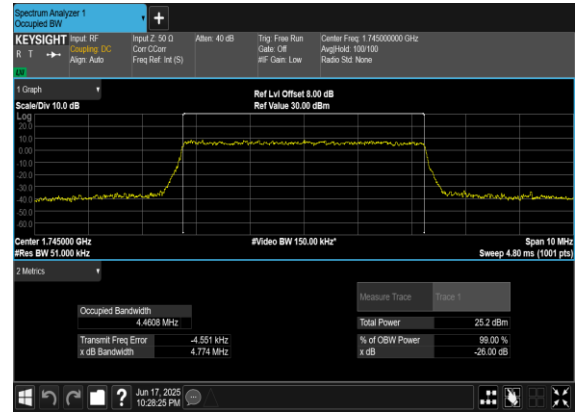
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4555	4.844
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4608	4.774
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4712	4.765
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4639	4.794
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2634	9.71
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2625	9.698
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2882	9.711
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2676	9.667
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.09	14.71
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.103	14.68
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.099	14.65
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.071	14.68
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.871	19.61
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.873	19.64
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.903	19.63
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.906	19.74
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.773	24.6
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.712	24.74
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.777	24.64
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.721	24.66
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.58	29.64
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.572	29.61
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.546	29.66
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.547	29.71
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.555	39.82
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.569	39.82
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.576	39.92
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.601	39.92



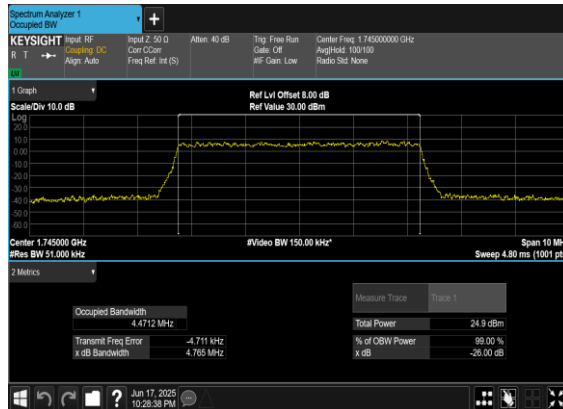
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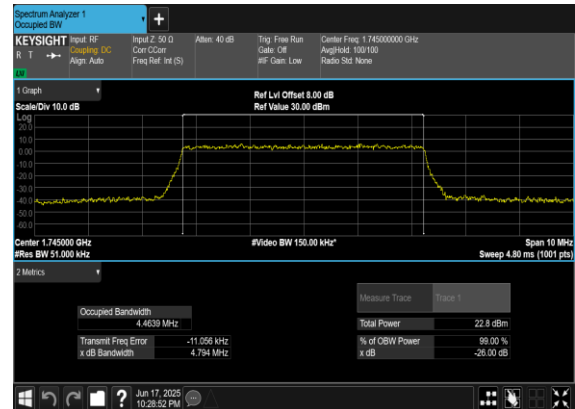
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QAM_Outer_Full_Mid_CH



N66(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

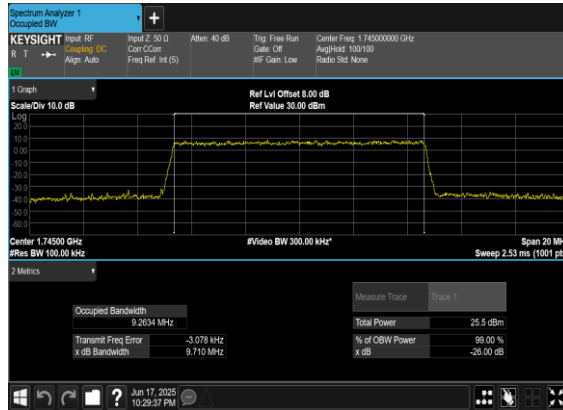


N66(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

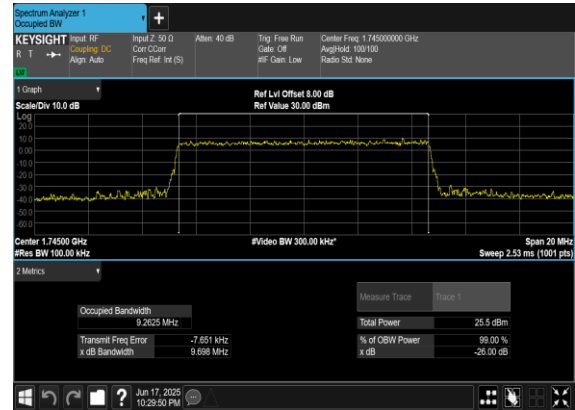




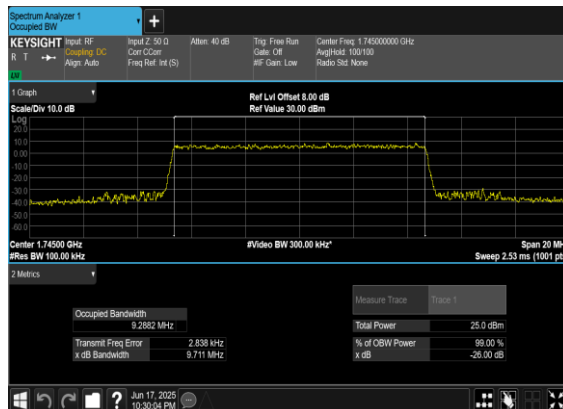
N66(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



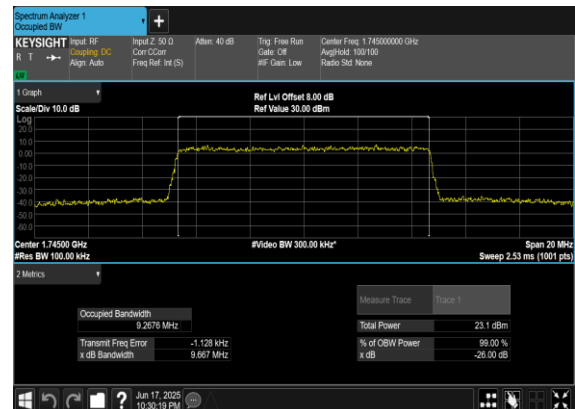
N66(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N66(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

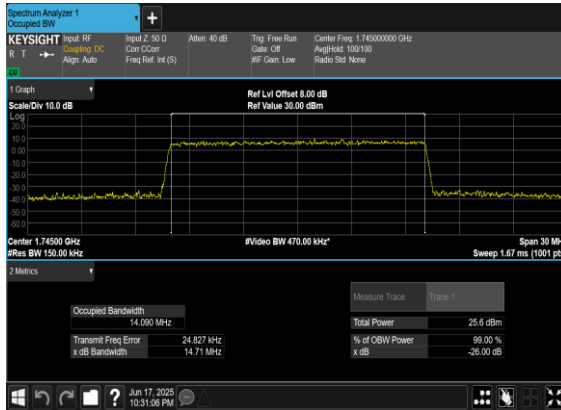


N66(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

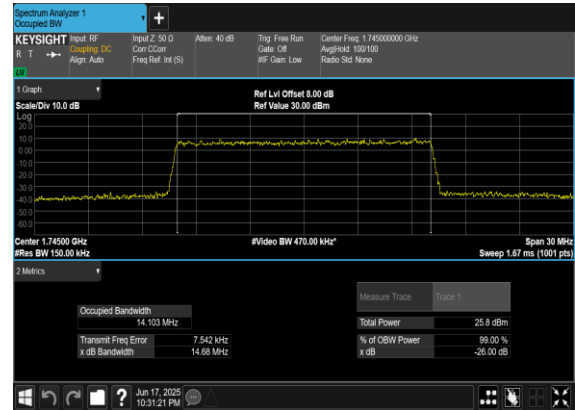




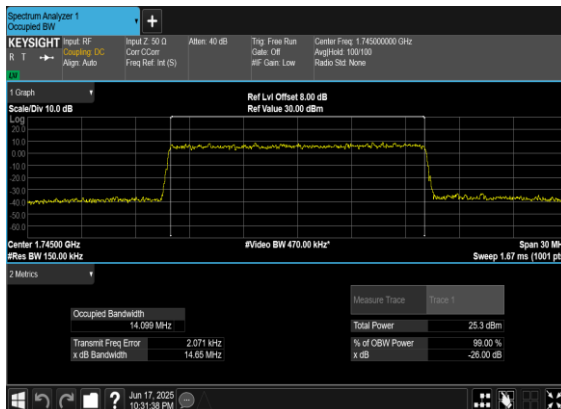
N66(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



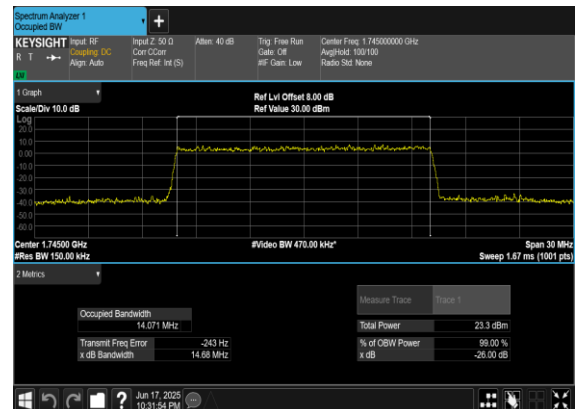
N66(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N66(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

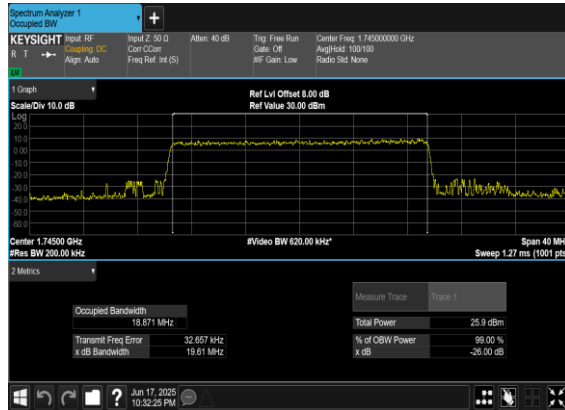


N66(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

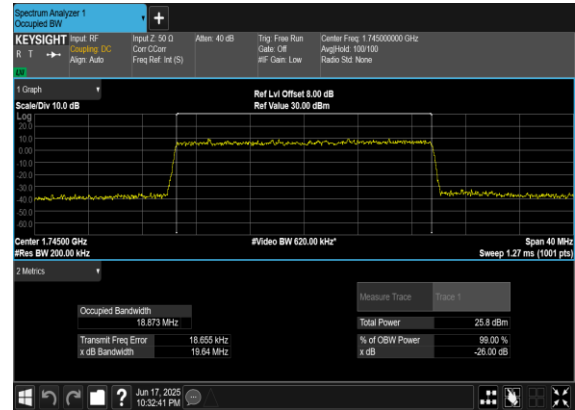




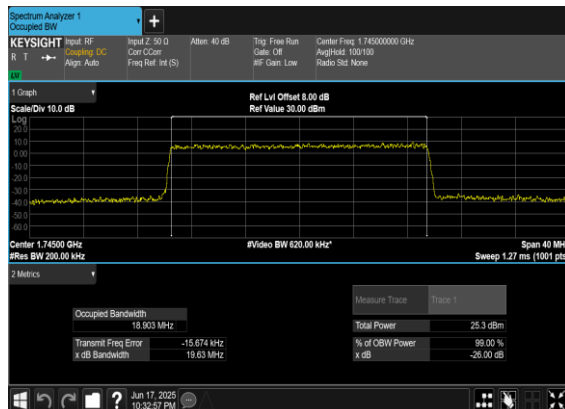
N66(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



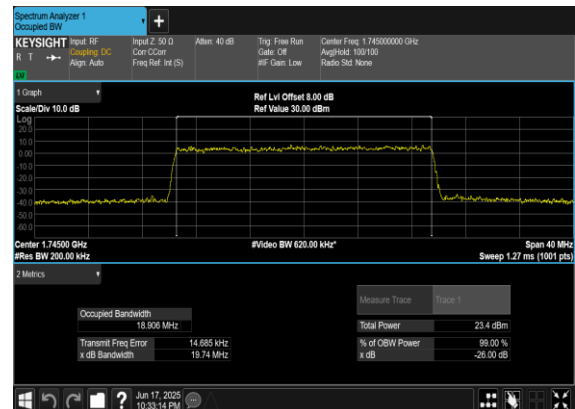
N66(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N66(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

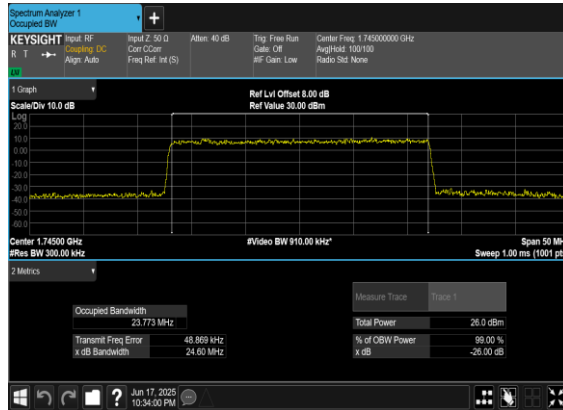


N66(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

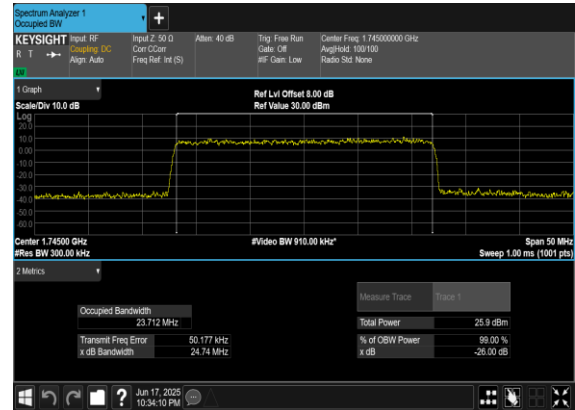




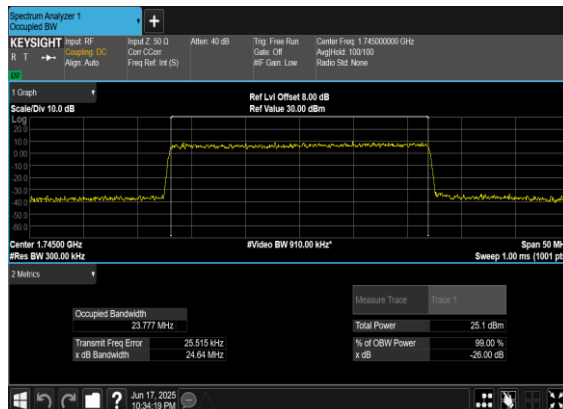
N66(25M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



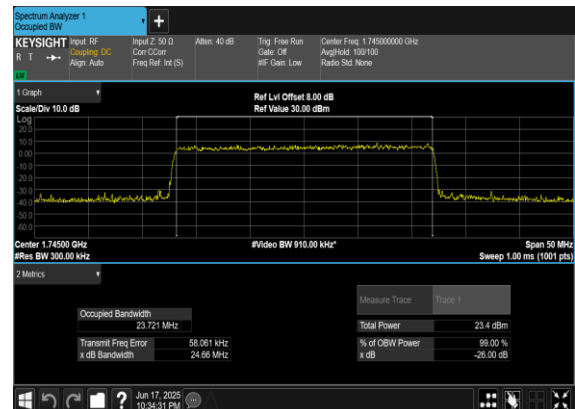
N66(25M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N66(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

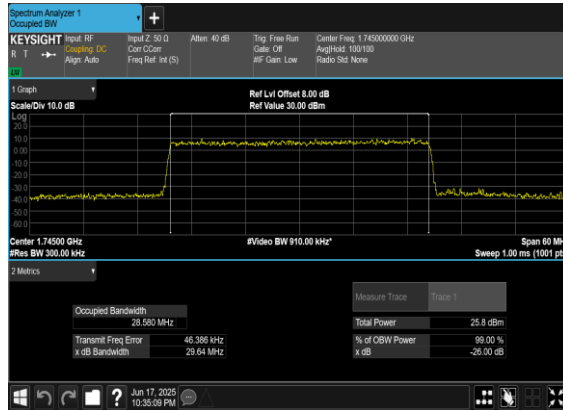


N66(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

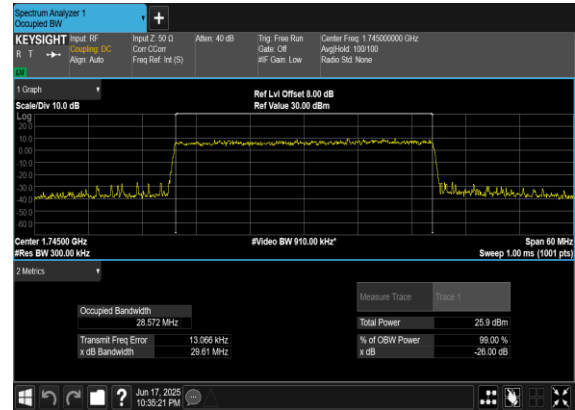




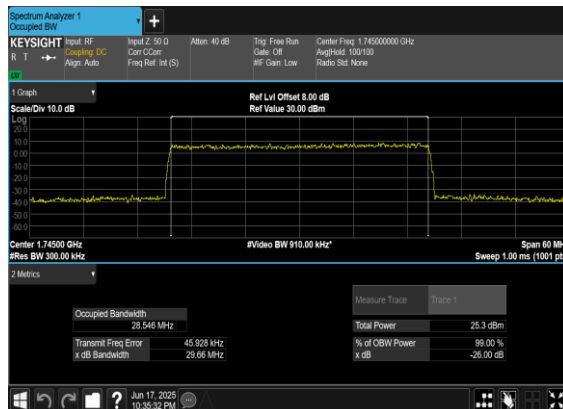
N66(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



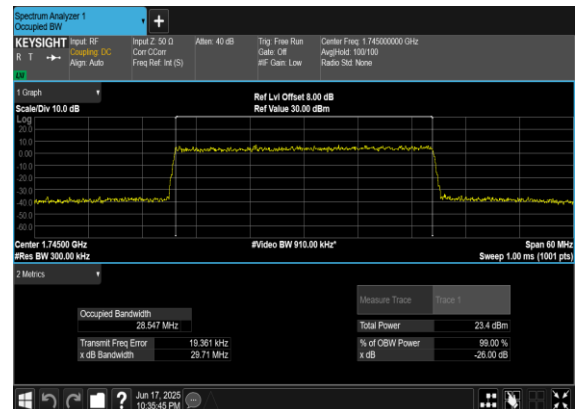
N66(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N66(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

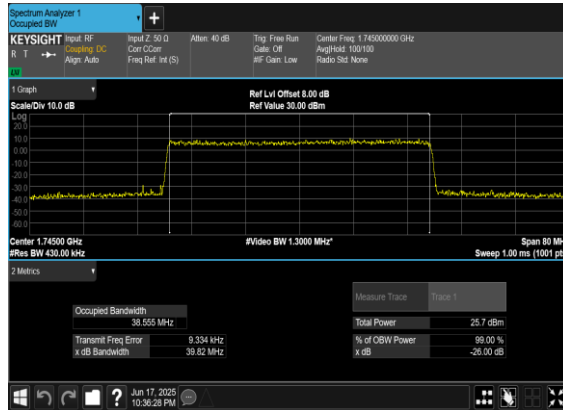


N66(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

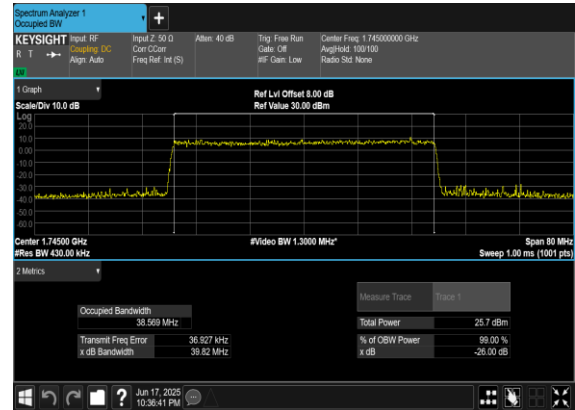




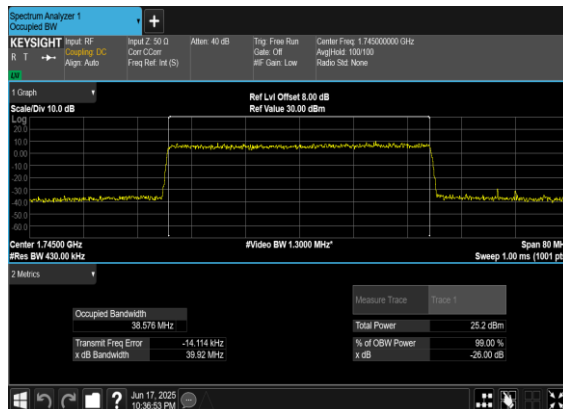
N66(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



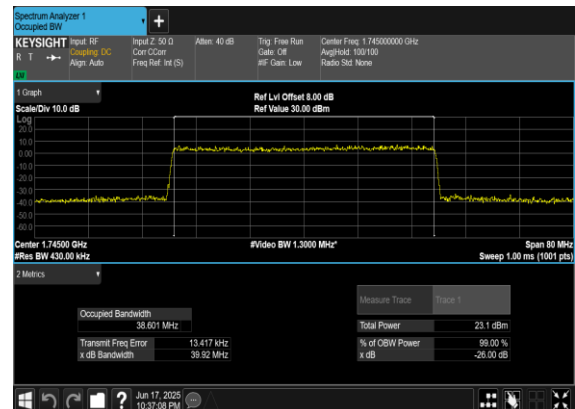
N66(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



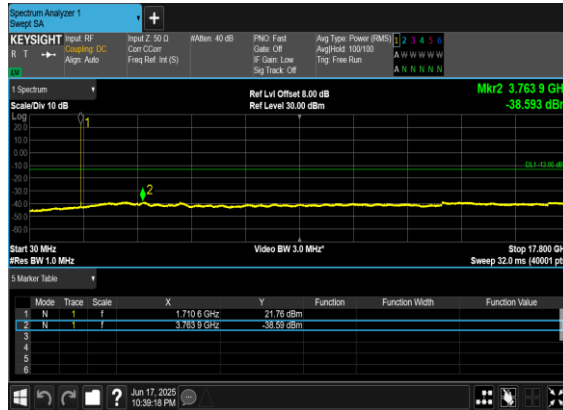


Conducted Spurious Emissions

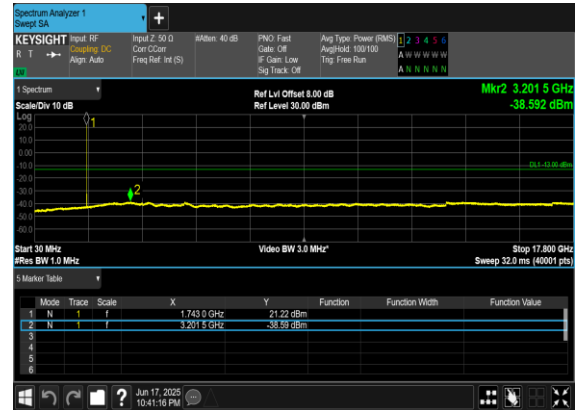
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	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



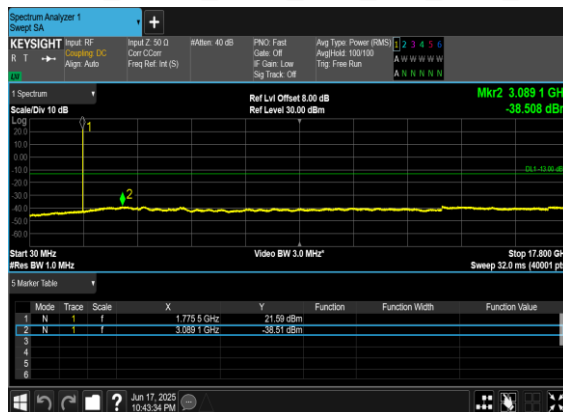
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

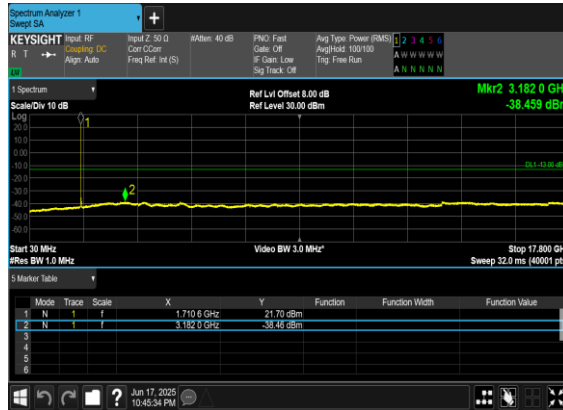


N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

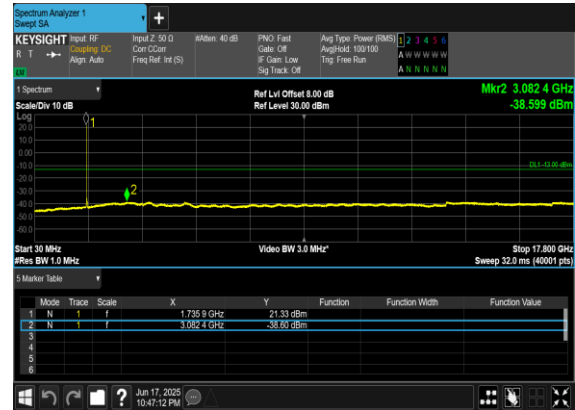




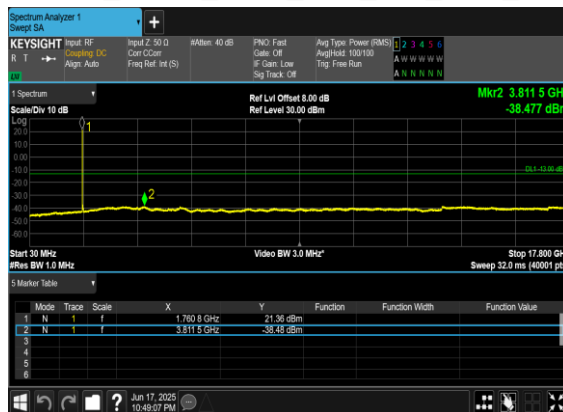
N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

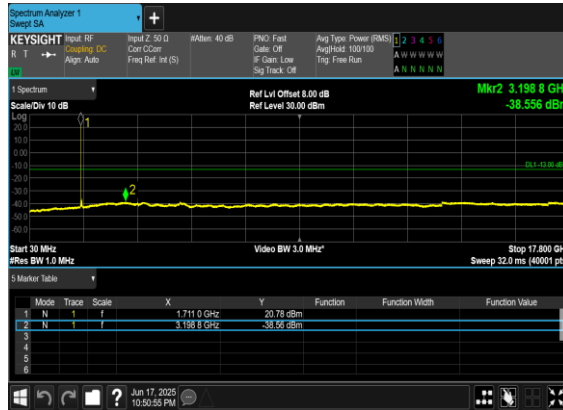


N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

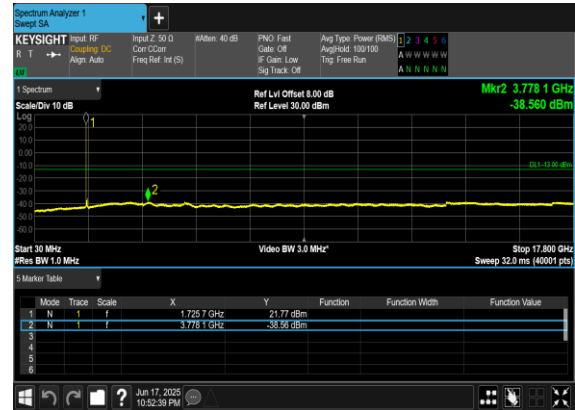




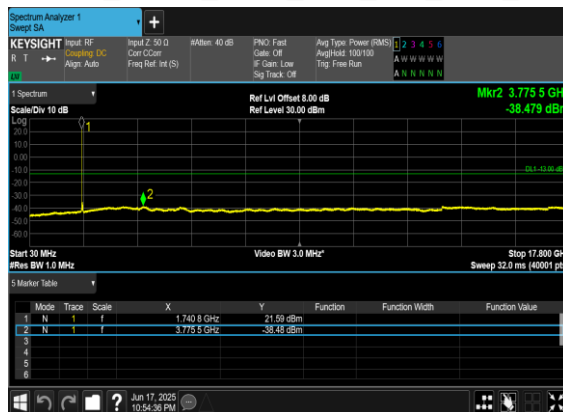
N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



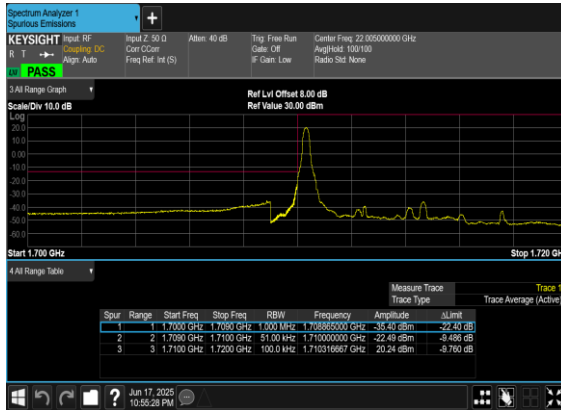


Conducted Band Edge

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



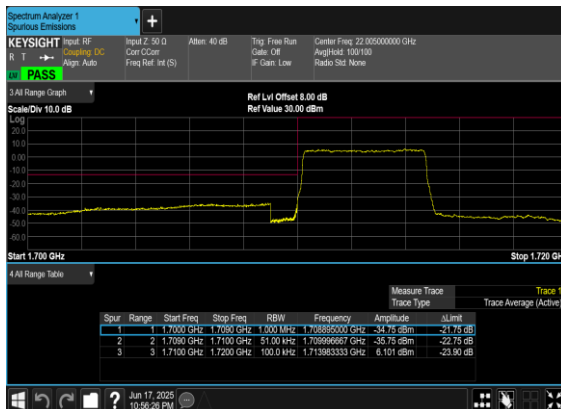
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



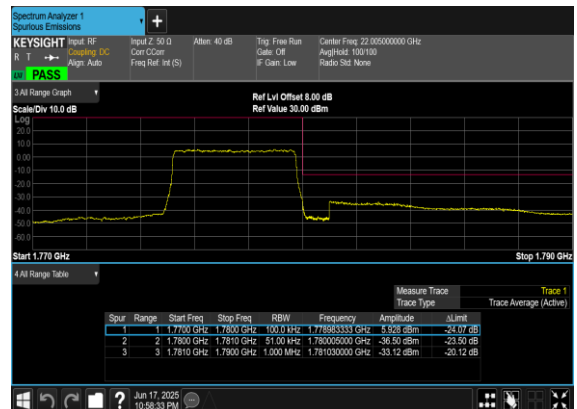
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

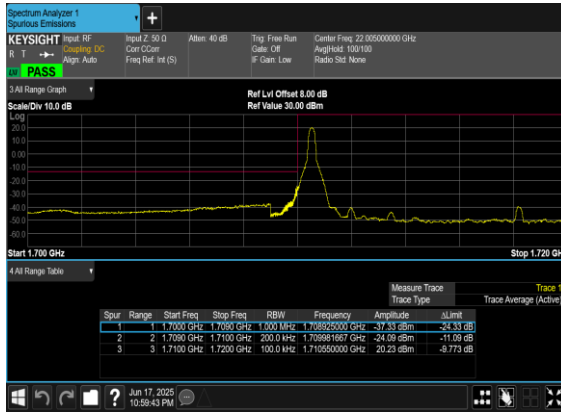


N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

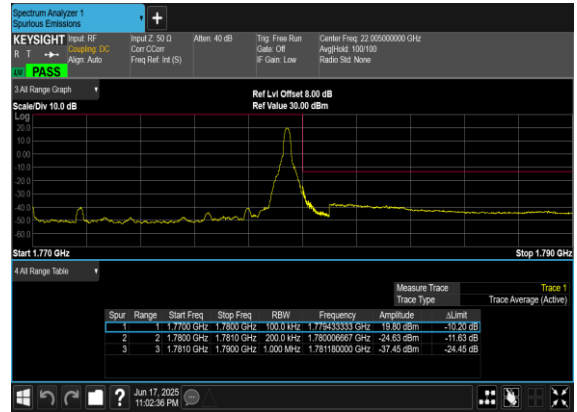




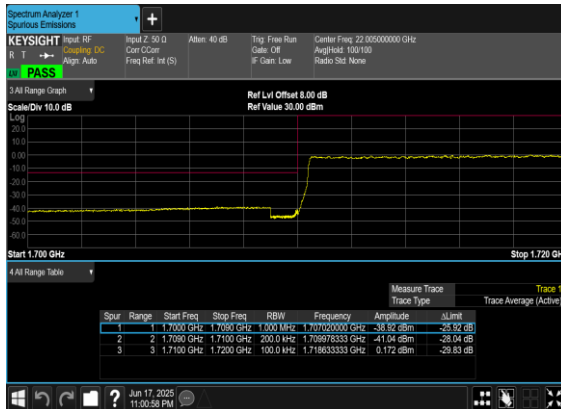
N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



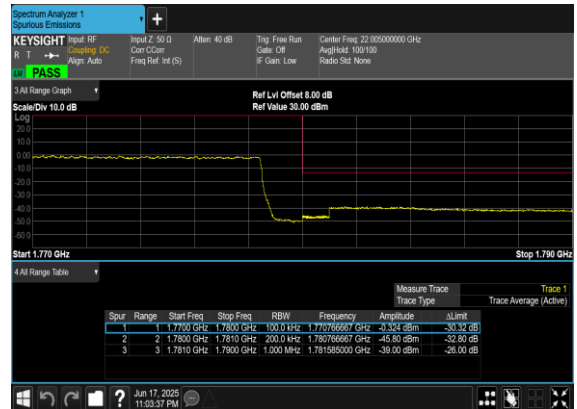
N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

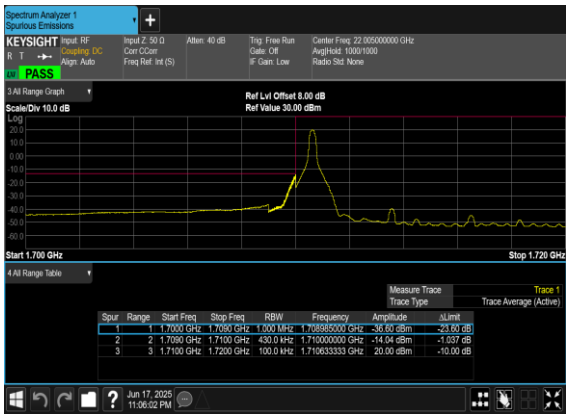


N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

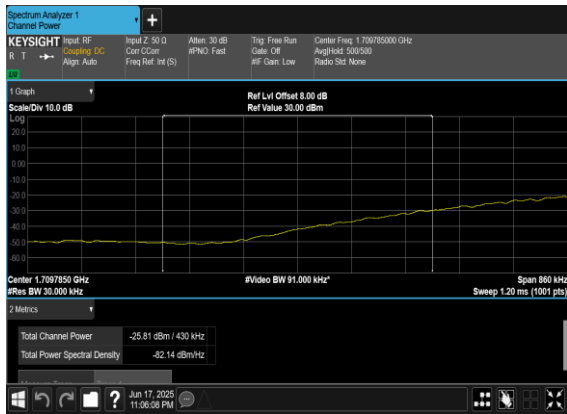




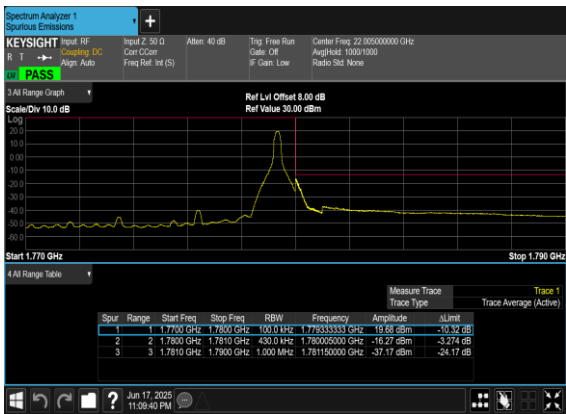
N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH





N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

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

n2 SA / 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	3742	-54.39	-13	-41.39	-72.48	-61.14	5.85	12.60	H
	5613	-51.56	-13	-38.56	-73.57	-57.36	7.30	13.10	H
	7484	-54.52	-13	-41.52	-80.47	-57.67	8.35	11.50	H
	3742	-53.14	-13	-40.14	-71.15	-59.89	5.85	12.60	V
	5613	-53.51	-13	-40.51	-75.71	-59.31	7.30	13.10	V
	7484	-55.11	-13	-42.11	-81.05	-58.26	8.35	11.50	V

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

n5 SA / NR 20MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1655	-64.80	-13	-51.80	-74.36	-68.05	4.00	9.40	H
	2482.5	-49.40	-13	-36.40	-63.30	-52.97	4.88	10.60	H
	3310	-61.20	-13	-48.20	-77.12	-66.13	5.52	12.60	H
	1655	-65.25	-13	-52.25	-74.41	-68.50	4.00	9.40	V
	2482.5	-52.27	-13	-39.27	-66.14	-55.84	4.88	10.60	V
	3310	-61.12	-13	-48.12	-76.82	-66.05	5.52	12.60	V

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

n26 SA / NR 20MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1655	-64.47	-13	-51.47	-74.03	-67.72	4.00	9.40	H
	2482.5	-48.64	-13	-35.64	-62.54	-52.21	4.88	10.60	H
	3310	-61.22	-13	-48.22	-77.14	-66.15	5.52	12.60	H
	1655	-65.14	-13	-52.14	-74.30	-68.39	4.00	9.40	V
	2482.5	-51.07	-13	-38.07	-64.94	-54.64	4.88	10.60	V
	3310	-61.52	-13	-48.52	-77.22	-66.45	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 (ANT4+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	1655	-62.35	-13	-49.35	-71.91	-65.60	4.00	9.40	H
	2482.5	-45.50	-13	-32.50	-59.40	-49.07	4.88	10.60	H
	3310	-60.85	-13	-47.85	-76.77	-65.78	5.52	12.60	H
	1655	-63.02	-13	-50.02	-72.18	-66.27	4.00	9.40	V
	2482.5	-46.43	-13	-33.43	-60.30	-50.00	4.88	10.60	V
	3310	-61.26	-13	-48.26	-76.96	-66.19	5.52	12.60	V
LTE Band7 Middle	5061.00	-57.99	-25	-32.99	-79.75	-63.55	7.14	12.70	H
	7591.50	-54.53	-25	-29.53	-80.22	-57.83	8.30	11.60	H
	10122.00	-51.41	-25	-26.41	-81.56	-52.93	10.48	12.00	H
	5061.00	-58.44	-25	-33.44	-80.34	-64.00	7.14	12.70	V
	7591.50	-54.73	-25	-29.73	-80.37	-58.03	8.30	11.60	V
	10122.00	-52.71	-25	-27.71	-81.49	-54.23	10.48	12.00	V

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

n66 SA / NR 40MHz / QPSK(ANT1)									
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	-60.85	-13	-47.85	-77.36	-67.70	5.65	12.50	H
	5178	-56.48	-13	-43.48	-78.04	-62.15	7.13	12.80	H
	6904	-56.11	-13	-43.11	-81.29	-59.51	8.40	11.80	H
	3452	-61.22	-13	-48.22	-77.77	-68.07	5.65	12.50	V
	5178	-58.27	-13	-45.27	-80.12	-63.94	7.13	12.80	V
	6904	-56.14	-13	-43.14	-81.8	-59.54	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 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 n66 Middle	3452	-60.08	-13	-47.08	-76.59	-6.85	5.65	12.50	H
	5178	-59.21	-13	-46.21	-80.77	-5.67	7.13	12.80	H
	6904	-55.26	-13	-42.26	-80.44	-3.40	8.40	11.80	H
	3452	-61.26	-13	-48.26	-77.81	-6.85	5.65	12.50	V
	5178	-58.89	-13	-45.89	-80.74	-5.67	7.13	12.80	V
	6904	-55.31	-13	-42.31	-80.97	-3.40	8.40	11.80	V
LTE Band7 Middle	5061.00	-57.70	-25	-32.70	-79.46	-63.26	7.14	12.70	H
	7591.50	-54.48	-25	-29.48	-80.17	-57.78	8.30	11.60	H
	10122.00	-50.95	-25	-25.95	-81.10	-52.47	10.48	12.00	H
	5061.00	-58.07	-25	-33.07	-79.97	-63.63	7.14	12.70	V
	7591.50	-54.54	-25	-29.54	-80.18	-57.84	8.30	11.60	V
	10122.00	-52.64	-25	-27.64	-81.42	-54.16	10.48	12.00	V

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