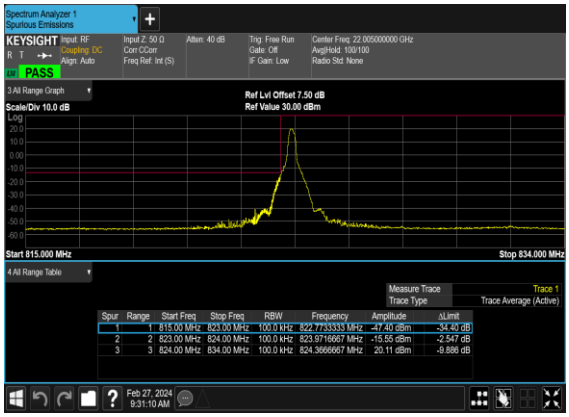
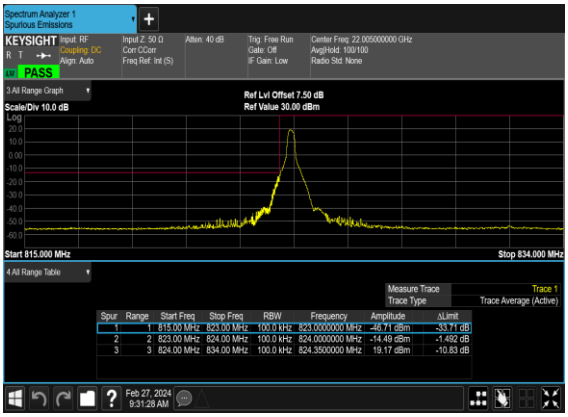
N26(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N26(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

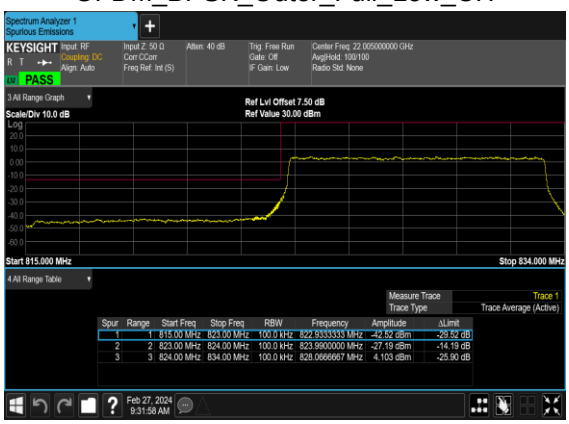
N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



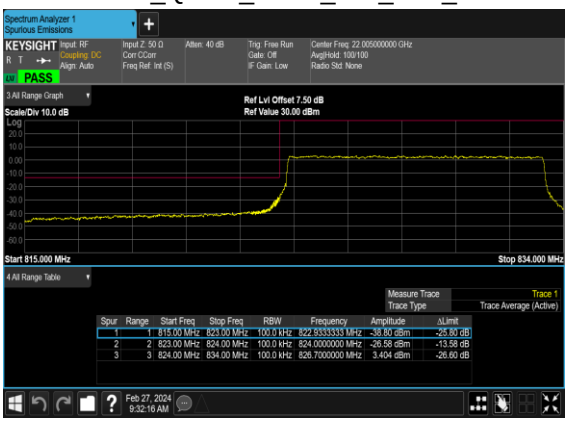
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



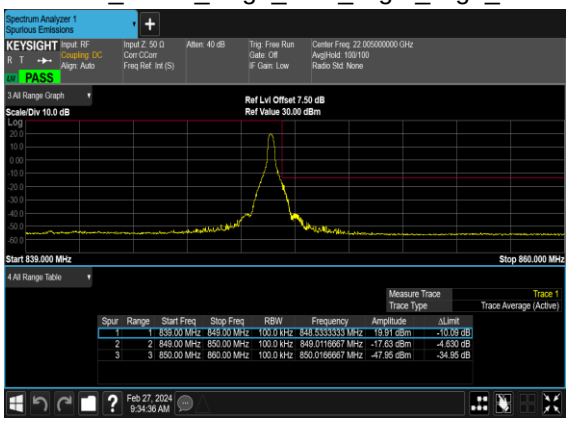
N26(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



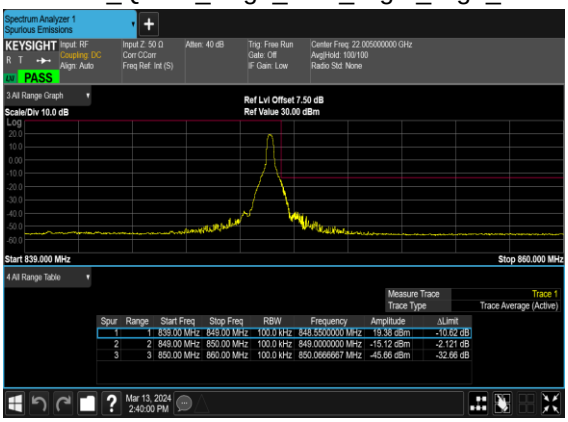
N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



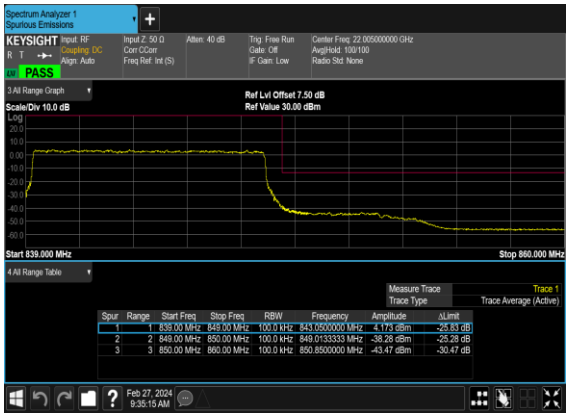
N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



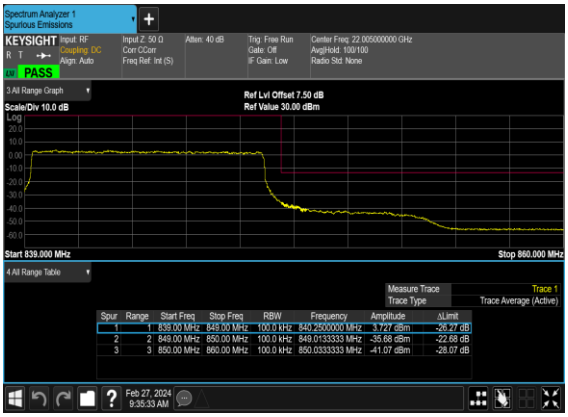
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



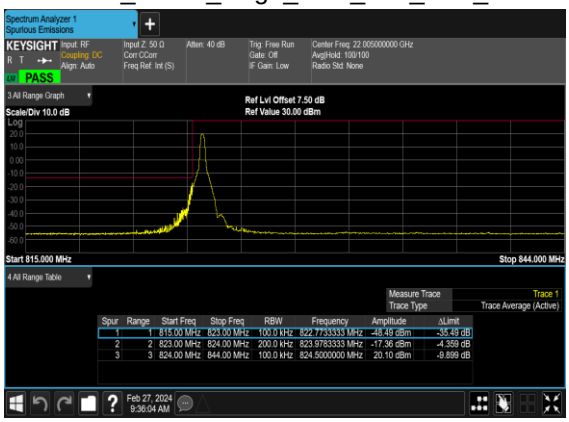
N26(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



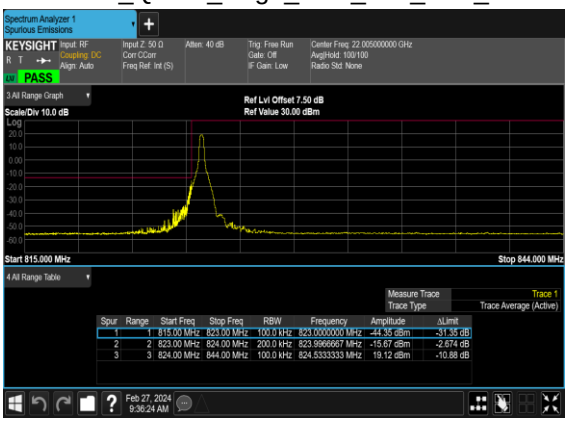
N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



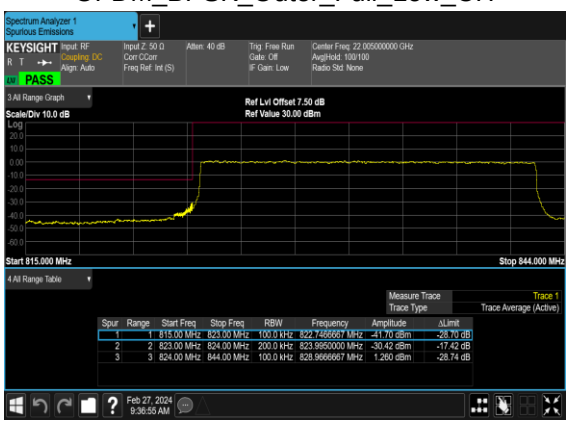
N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



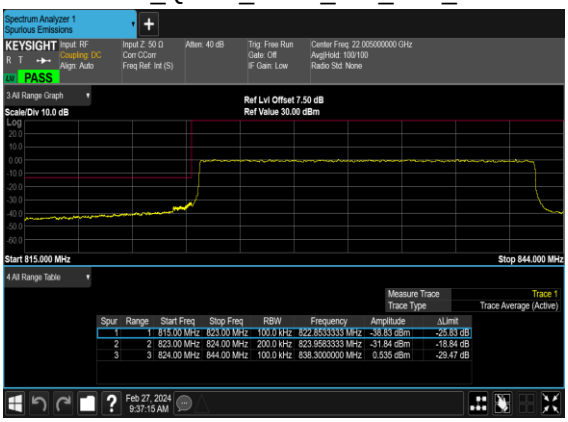
N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



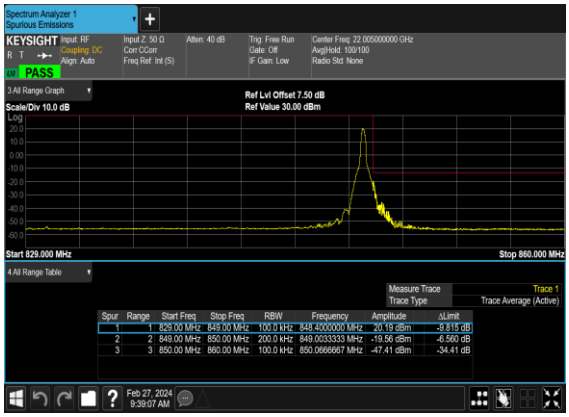
N26(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



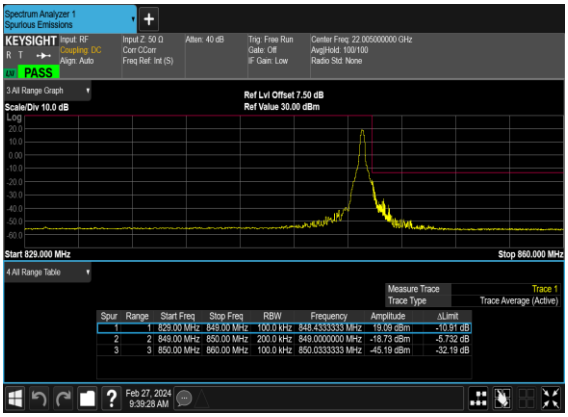
N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N26(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

Software Version: 23.06.1602

FR1 N66 SA(Ant.2)

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-2.4dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	23.48	21.08	0.1282
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	22.45	20.05	0.1012
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	23.29	20.89	0.1227
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.38	19.98	0.0995
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	23.34	20.94	0.1242
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	22.4	20	0.1000
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	23.44	21.04	0.1271
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	22.49	20.09	0.1021
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	23.29	20.89	0.1227
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.38	19.98	0.0995
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	23.23	20.83	0.1211
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	22.49	20.09	0.1021
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	23.32	20.92	0.1236
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	22.5	20.1	0.1023
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	23.35	20.95	0.1245
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.54	20.14	0.1033
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	23.27	20.87	0.1222
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	22.48	20.08	0.1019
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	23.3	20.9	0.1230
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	22.4	20	0.1000
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	23.39	20.99	0.1256
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.52	20.12	0.1028
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	22.95	20.55	0.1135
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	22.16	19.76	0.0946
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@1	23.33	20.93	0.1239
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@1	22.55	20.15	0.1035
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@1	23.43	21.03	0.1268
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.48	20.08	0.1019
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@1	23.28	20.88	0.1225

66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@1	22.49	20.09	0.1021
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	23.35	20.95	0.1245
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	22.55	20.15	0.1035
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	23.29	20.89	0.1227
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.55	20.15	0.1035
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	23.37	20.97	0.1250
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	22.44	20.04	0.1009
66	15	35	345500	1727.5	DFT-s-OFDM QPSK	1@1	23.26	20.86	0.1219
66	15	35	345500	1727.5	DFT-s-OFDM 16 QAM	1@1	22.45	20.05	0.1012
66	15	35	349000	1745	DFT-s-OFDM QPSK	1@1	23.36	20.96	0.1247
66	15	35	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.52	20.12	0.1028
66	15	35	352500	1762.5	DFT-s-OFDM QPSK	1@1	23.2	20.8	0.1202
66	15	35	352500	1762.5	DFT-s-OFDM 16 QAM	1@1	22.3	19.9	0.0977
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	108@54	23.55	21.15	0.1303
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@1	23.4	21	0.1259
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@214	23.38	20.98	0.1253
66	15	40	346000	1730	DFT-s-OFDM QPSK	108@54	23.37	20.97	0.1250
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	23.35	20.95	0.1245
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@214	23.29	20.89	0.1227
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	108@54	22.39	19.99	0.0998
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	22.31	19.91	0.0979
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@214	22.27	19.87	0.0971
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	108@54	20.95	18.55	0.0716
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@1	20.97	18.57	0.0719
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@214	20.94	18.54	0.0714
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	108@54	18.83	16.43	0.0440
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@1	18.42	16.02	0.0400
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@214	18.49	16.09	0.0406
66	15	40	346000	1730	CP-OFDM QPSK	108@54	21.88	19.48	0.0887
66	15	40	346000	1730	CP-OFDM QPSK	1@1	22	19.6	0.0912
66	15	40	346000	1730	CP-OFDM QPSK	1@214	22.13	19.73	0.0940
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	108@54	23.48	21.08	0.1282
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.37	20.97	0.1250
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@214	23.39	20.99	0.1256
66	15	40	349000	1745	DFT-s-OFDM QPSK	108@54	23.35	20.95	0.1245

66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	23.33	20.93	0.1239
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@214	23.33	20.93	0.1239
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	108@54	22.37	19.97	0.0993
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.36	19.96	0.0991
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@214	22.49	20.09	0.1021
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	108@54	20.78	18.38	0.0689
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@1	20.79	18.39	0.0690
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@214	20.82	18.42	0.0695
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	108@54	18.59	16.19	0.0416
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@1	18.54	16.14	0.0411
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@214	18.61	16.21	0.0418
66	15	40	349000	1745	CP-OFDM QPSK	108@54	21.82	19.42	0.0875
66	15	40	349000	1745	CP-OFDM QPSK	1@1	22.01	19.61	0.0914
66	15	40	349000	1745	CP-OFDM QPSK	1@214	21.64	19.24	0.0839
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	108@54	23.43	21.03	0.1268
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@1	23.33	20.93	0.1239
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@214	23.48	21.08	0.1282
66	15	40	352000	1760	DFT-s-OFDM QPSK	108@54	23.35	20.95	0.1245
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	23.24	20.84	0.1213
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@214	23.38	20.98	0.1253
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	108@54	22.18	19.78	0.0951
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	22.38	19.98	0.0995
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@214	22.43	20.03	0.1007
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	108@54	20.79	18.39	0.0690
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@1	20.9	18.5	0.0708
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@214	21.04	18.64	0.0731
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	108@54	18.86	16.46	0.0443
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@1	18.46	16.06	0.0404
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@214	18.58	16.18	0.0415
66	15	40	352000	1760	CP-OFDM QPSK	108@54	21.84	19.44	0.0879
66	15	40	352000	1760	CP-OFDM QPSK	1@1	21.95	19.55	0.0902
66	15	40	352000	1760	CP-OFDM QPSK	1@214	21.65	19.25	0.0841

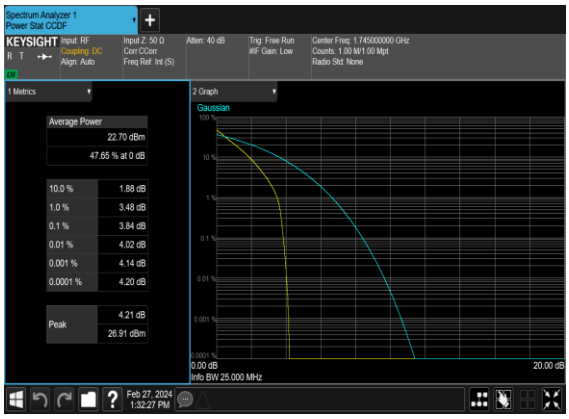
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0044	**PASS**	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0035	**PASS**	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0044	**PASS**	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0061	**PASS**	-30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0031	**PASS**	-20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0044	**PASS**	-10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0059	**PASS**	0℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0033	**PASS**	10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0044	**PASS**	20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0060	**PASS**	30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0054	**PASS**	40℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0055	**PASS**	50℃

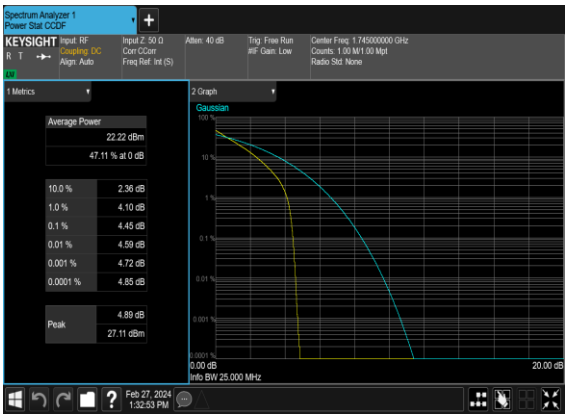
Peak to Average Ratio

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 PI/2 BPSK	100@0	3.84	13	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	4.45	13	**PASS**

N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

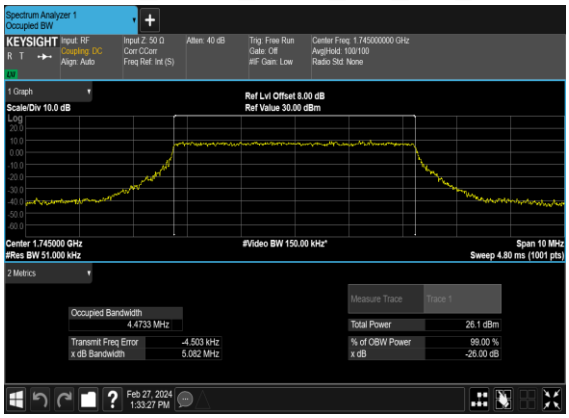


Occupied Bandwidth

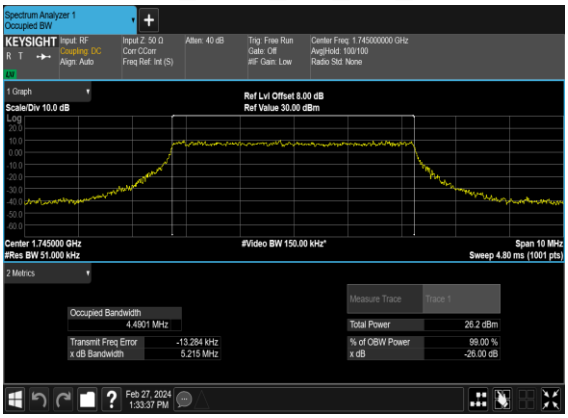
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4733	5.082
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4901	5.215
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4615	5.058
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4725	4.973
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2832	10.1
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2806	10.01
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2663	9.756
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2817	9.875
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.095	14.96
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.109	14.86
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.099	14.89
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.079	14.89
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.902	19.73
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.901	19.93
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.923	19.86
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.944	19.83
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.739	24.88
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.756	24.99
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.832	24.89
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.784	24.76
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.571	29.73
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.583	29.61
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.588	29.59
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.59	29.76
66	15	35	349000	1745.0	CP-OFDM QPSK	188@0	33.55	34.69

66	15	35	349000	1745.0	CP-OFDM 16 QAM	188@0	33.532	34.72
66	15	35	349000	1745.0	CP-OFDM 64 QAM	188@0	33.575	34.83
66	15	35	349000	1745.0	CP-OFDM 256 QAM	188@0	33.554	34.83
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.63	39.87
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.597	39.97
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.6	39.97
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.577	39.87

N66(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

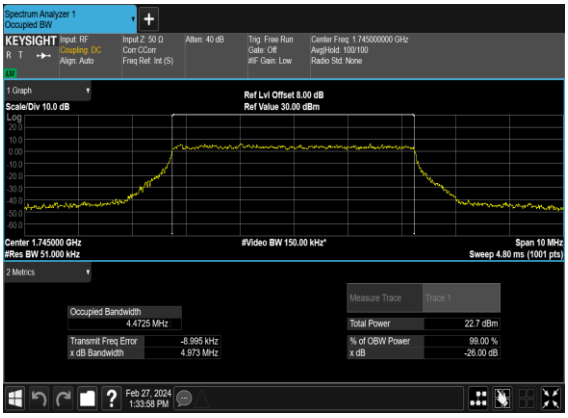


N66(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

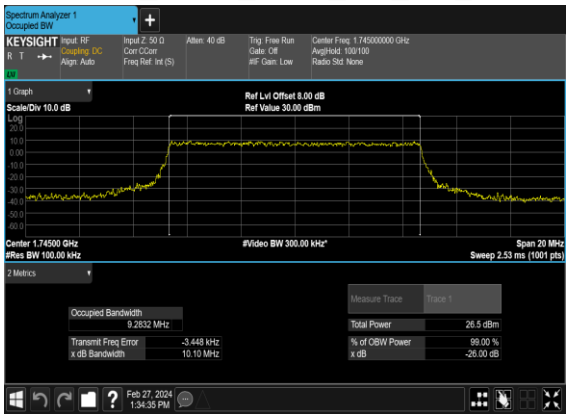


N66(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

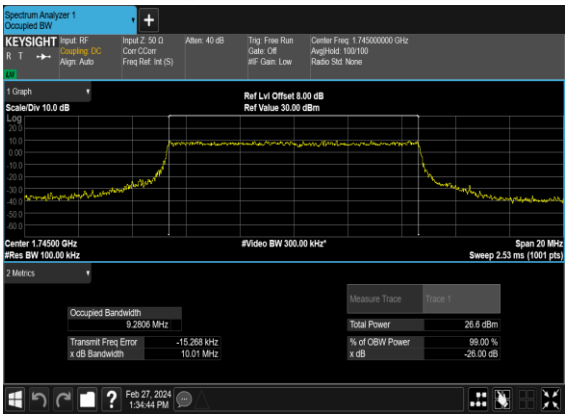
N66(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



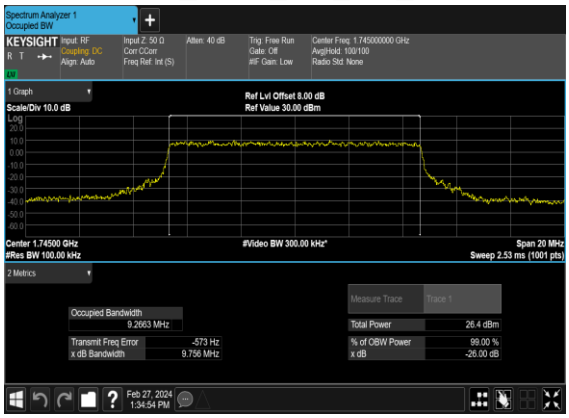
N66(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



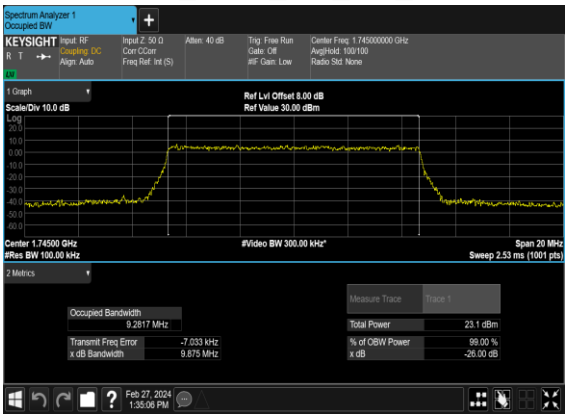
N66(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



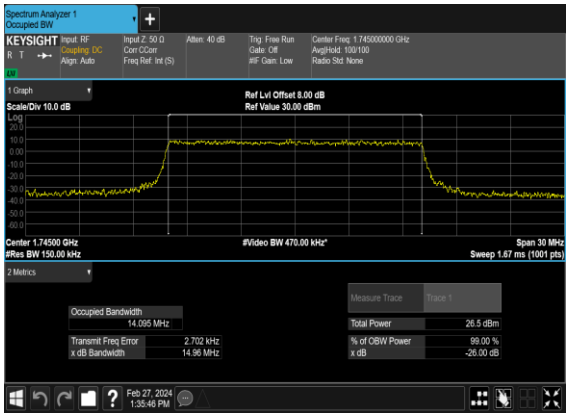
N66(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



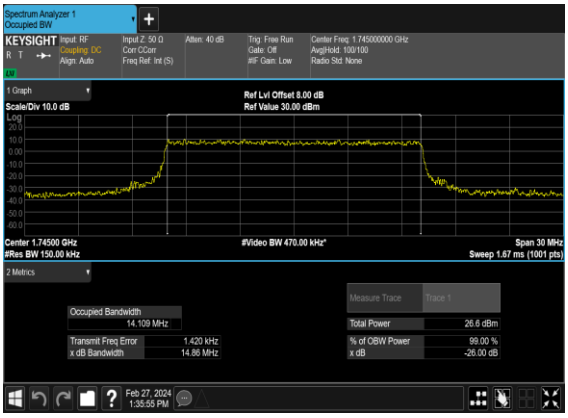
N66(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N66(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



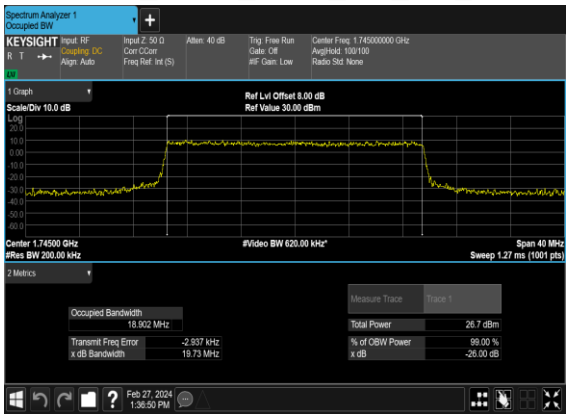
N66(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



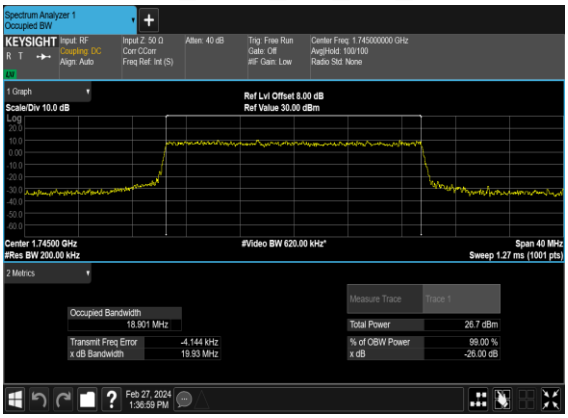
N66(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N66(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N66(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

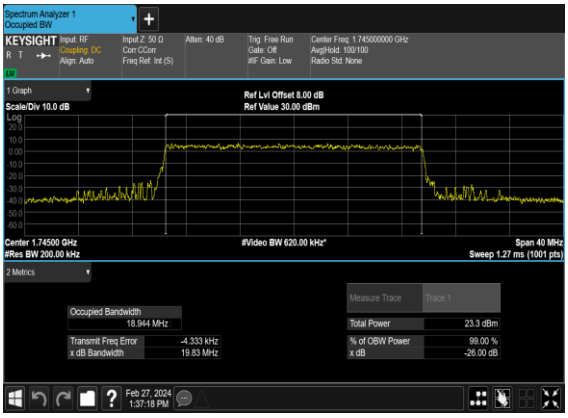


N66(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N66(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

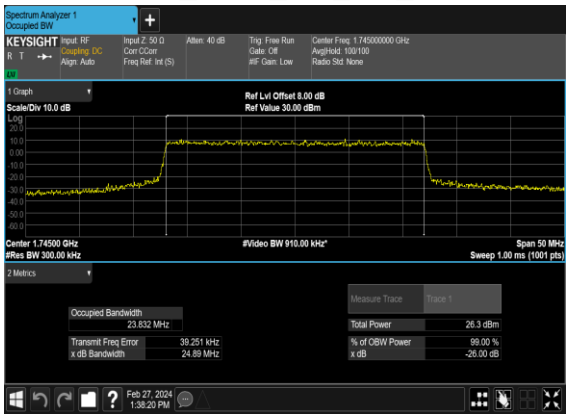
N66(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



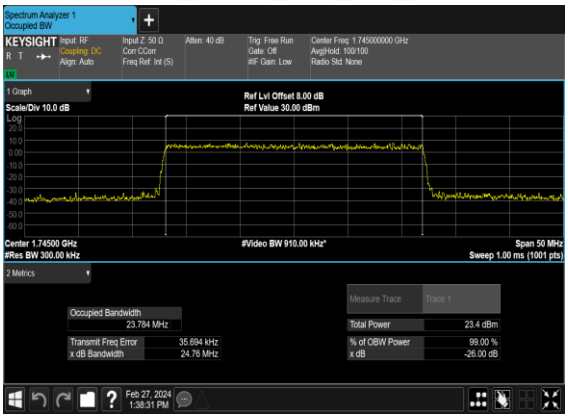
N66(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N66(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

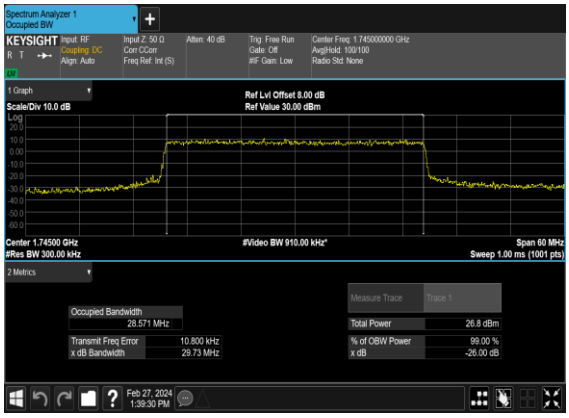
N66(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



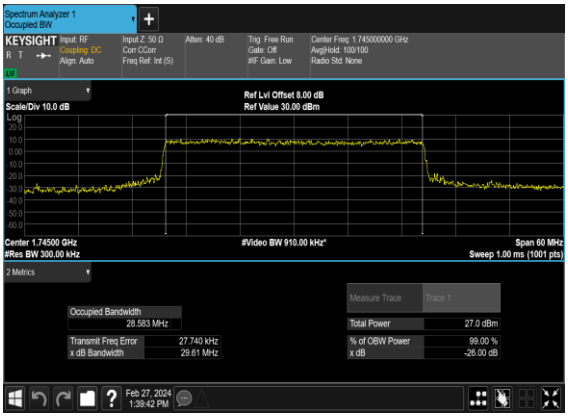
N66(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N66(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



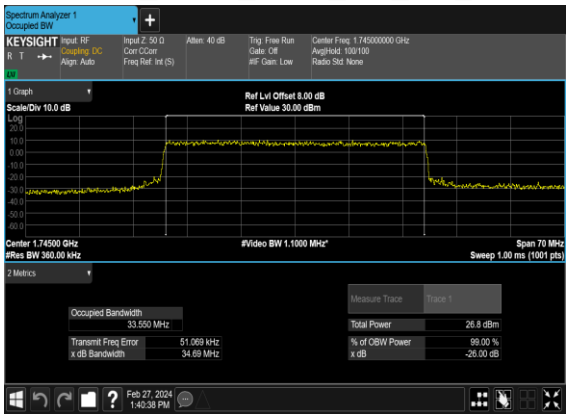
N66(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



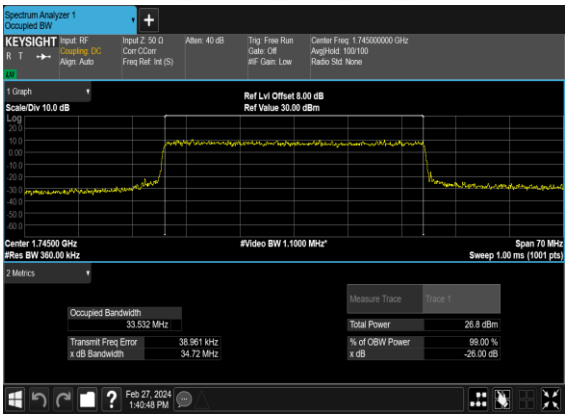
N66(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N66(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

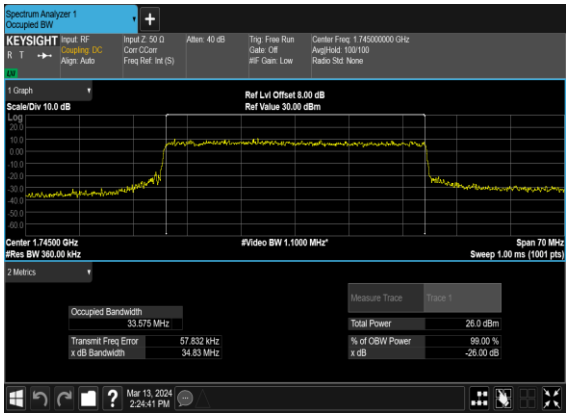
N66(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



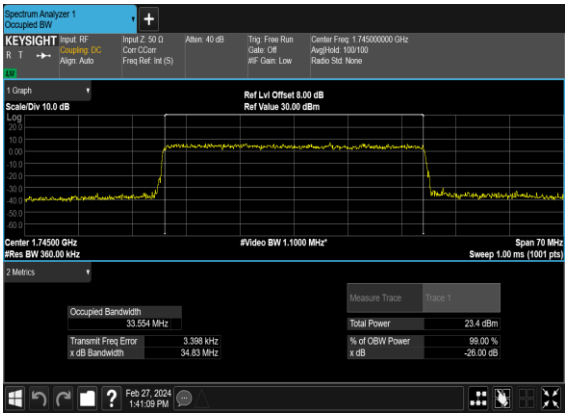
N66(35M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



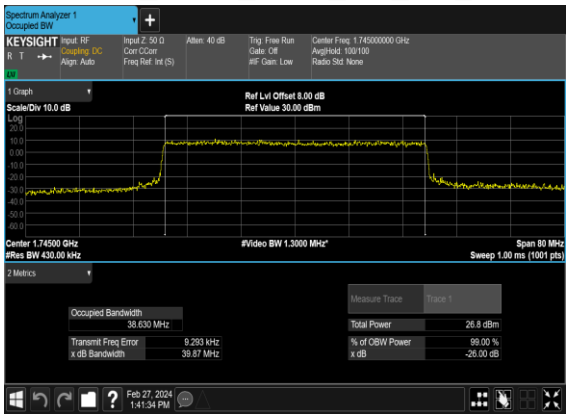
N66(35M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



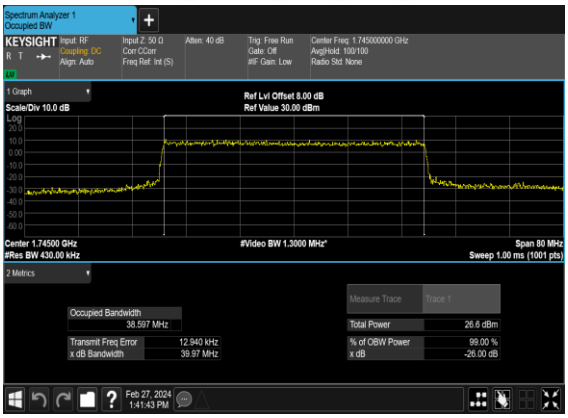
N66(35M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



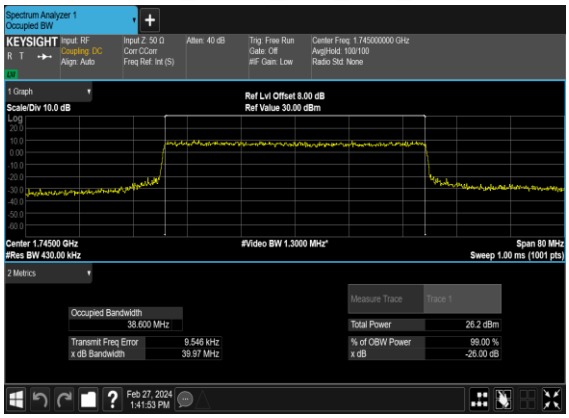
N66(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



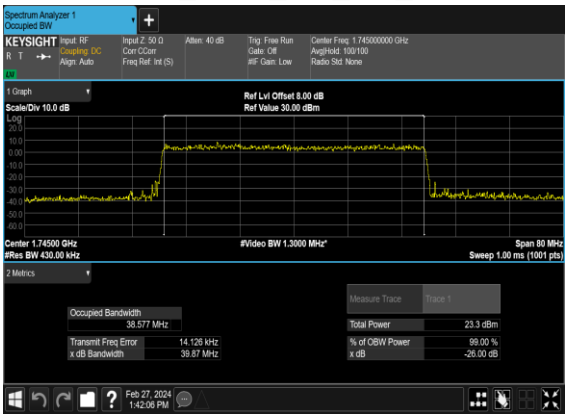
N66(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

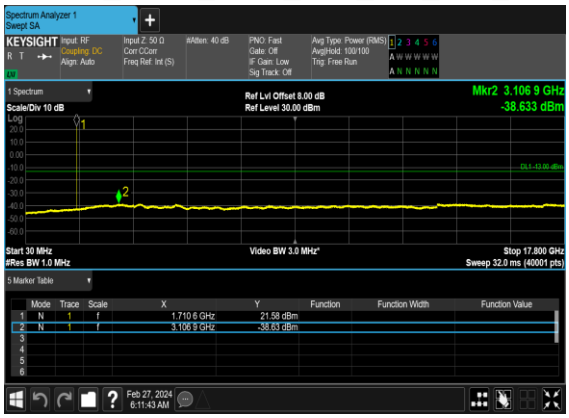


Conducted Spurious Emissions

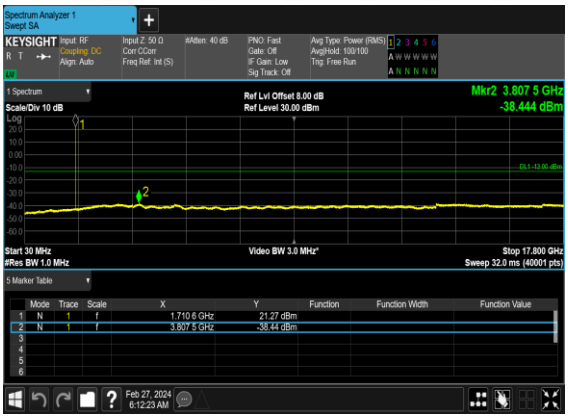
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0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

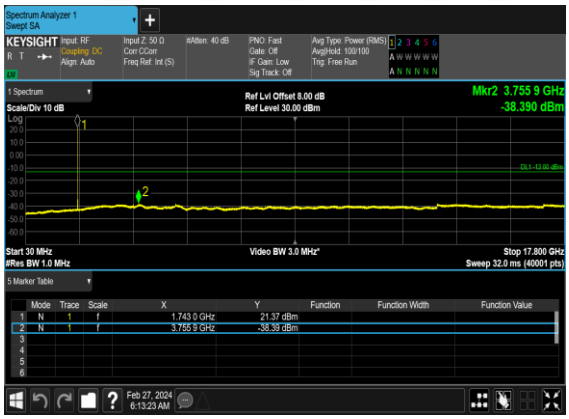
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



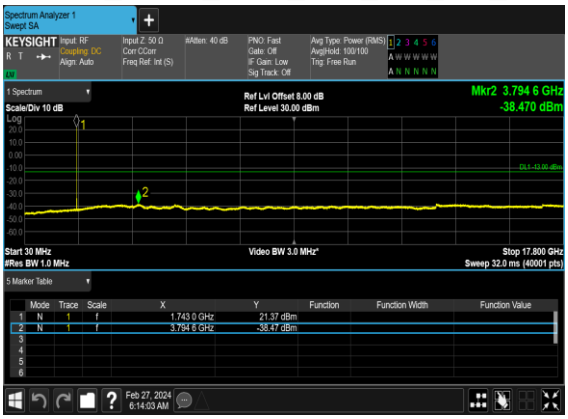
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



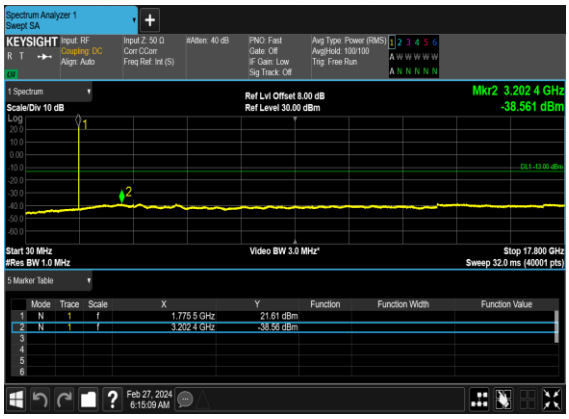
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



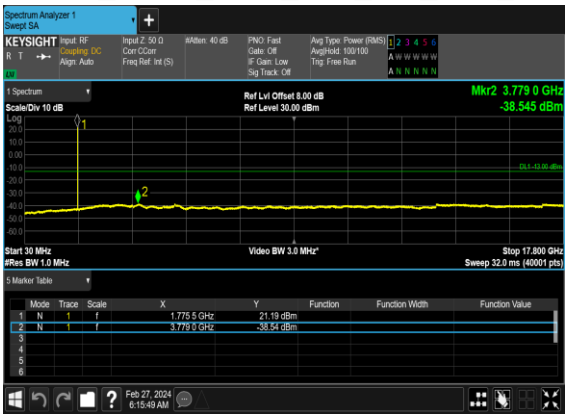
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



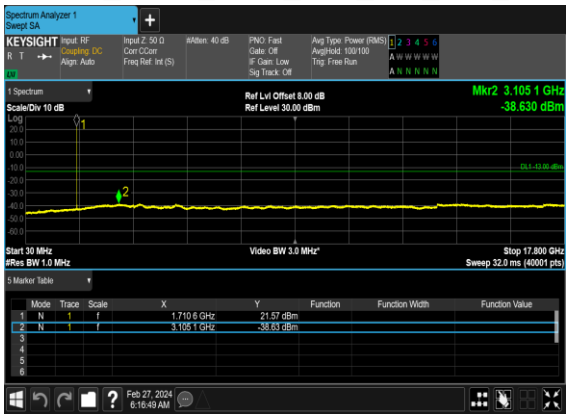
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



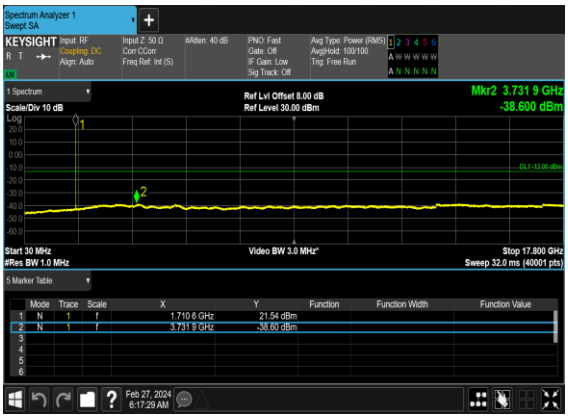
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



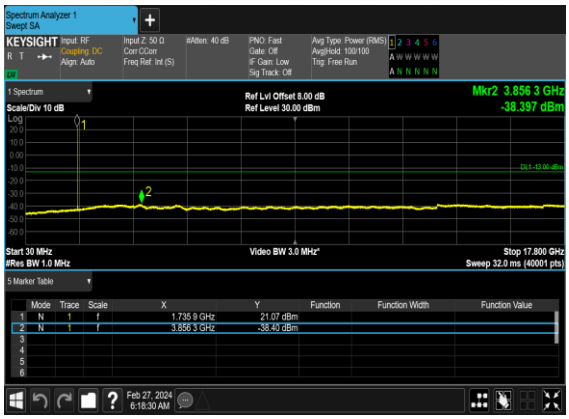
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



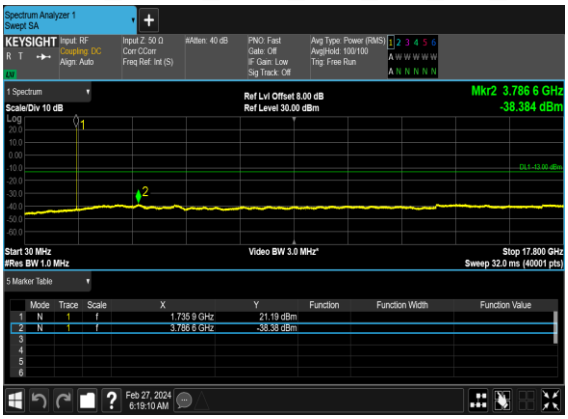
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



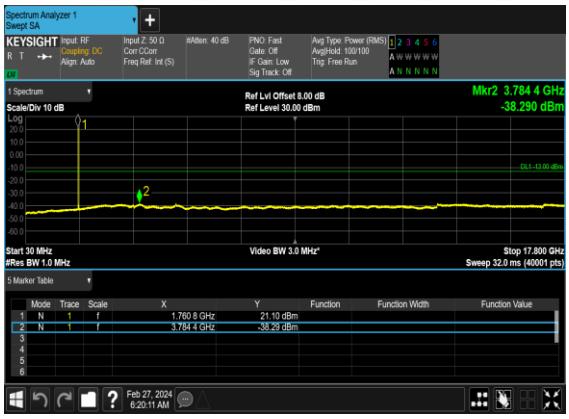
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



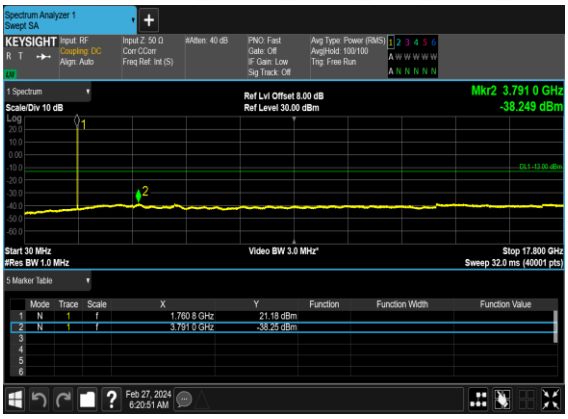
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



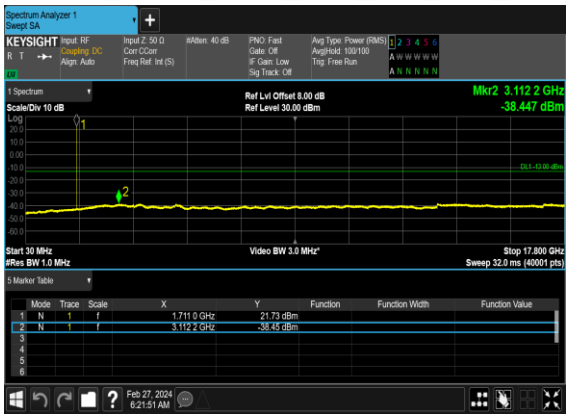
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



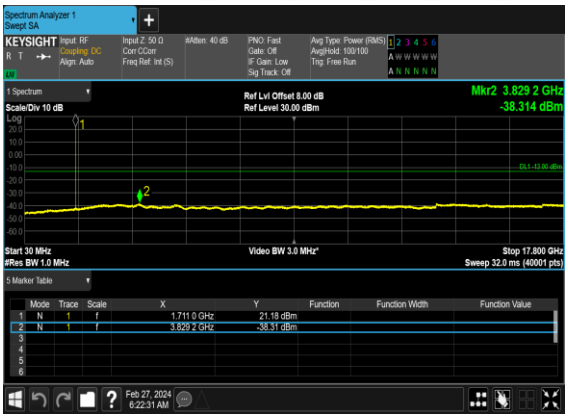
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



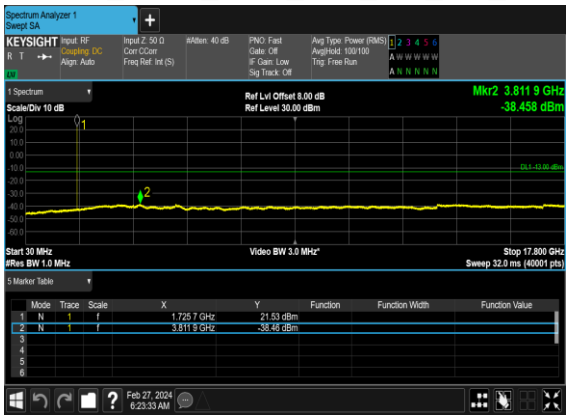
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



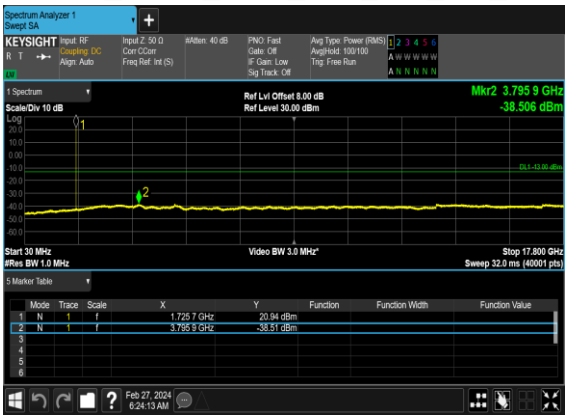
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



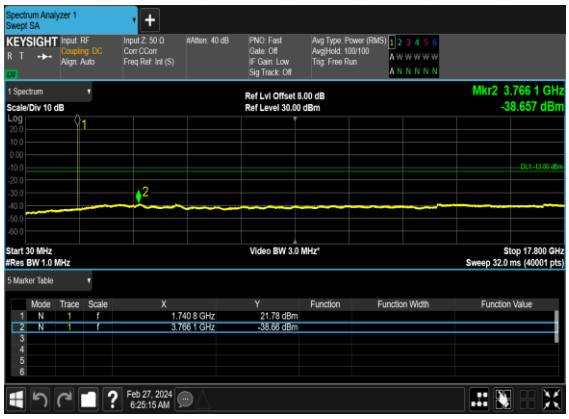
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



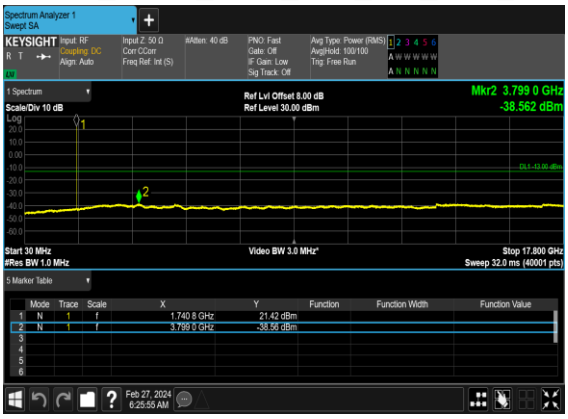
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



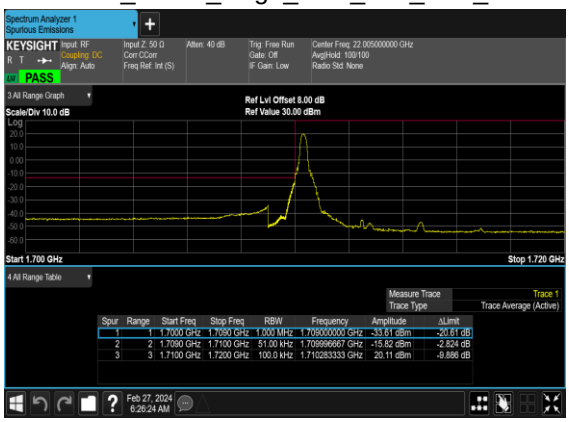
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



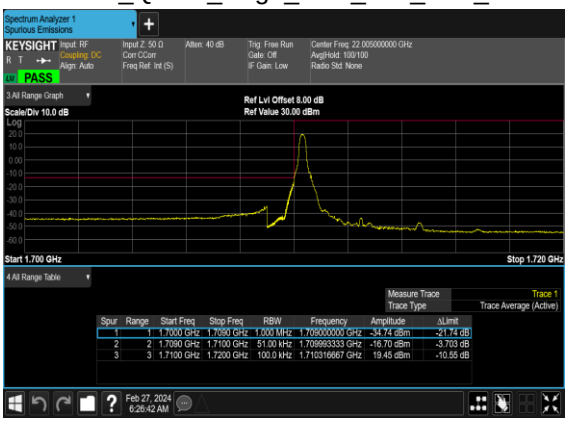
Conducted Band Edge

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

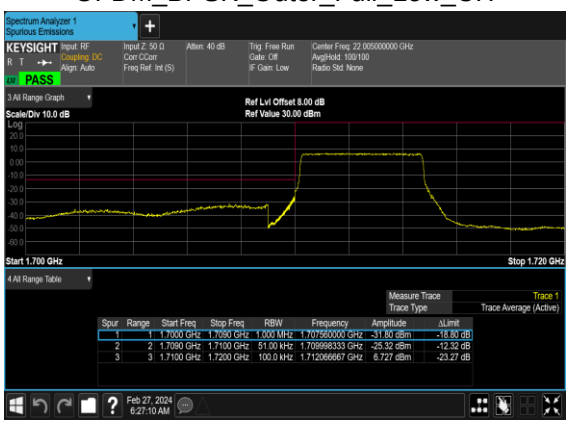
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



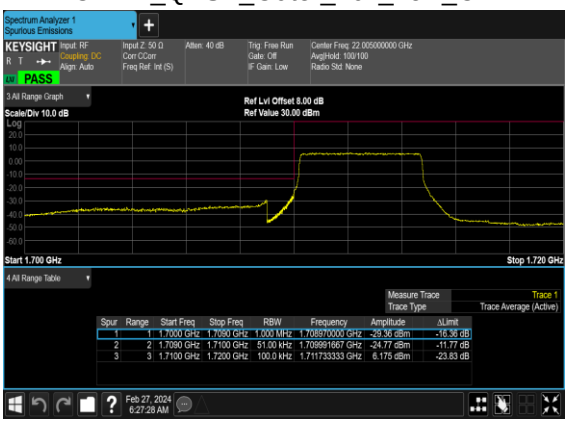
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



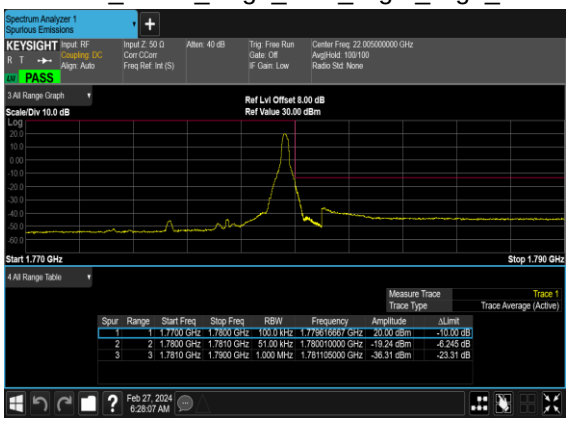
N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



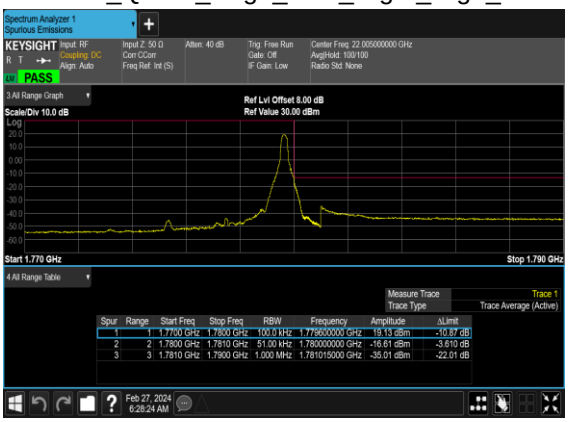
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

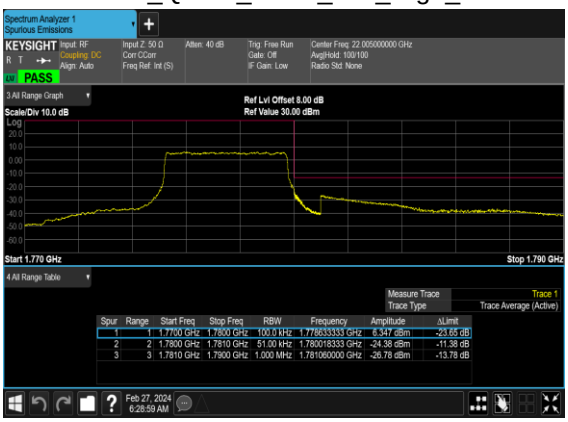


N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

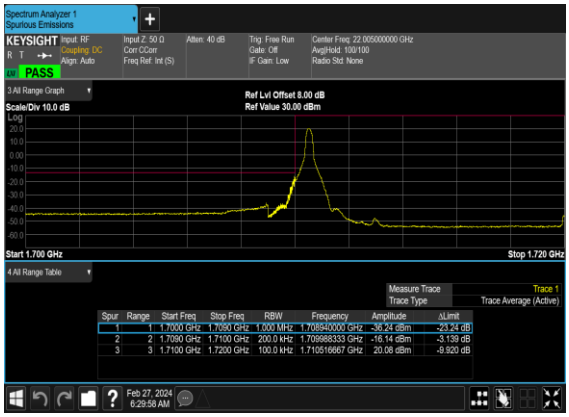


N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

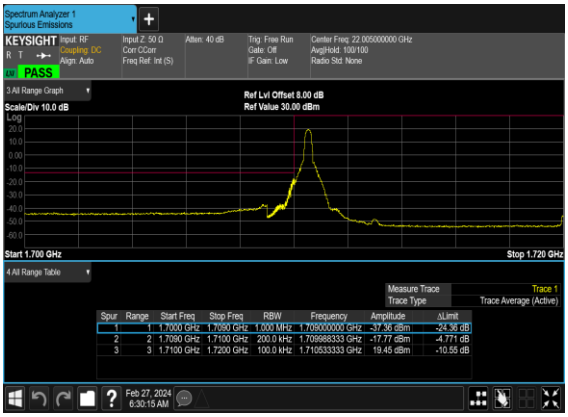
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



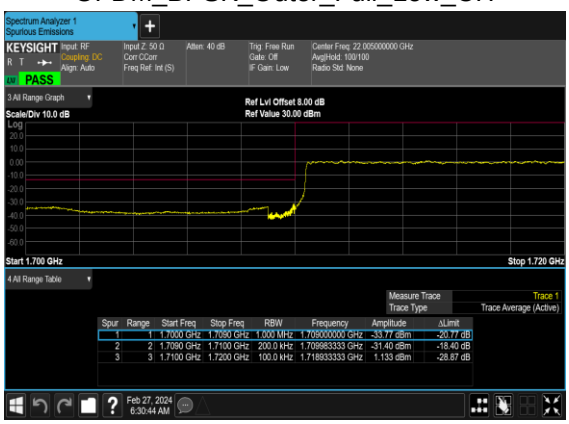
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



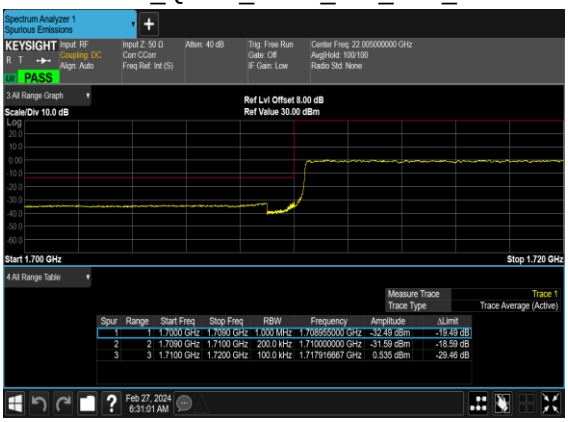
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



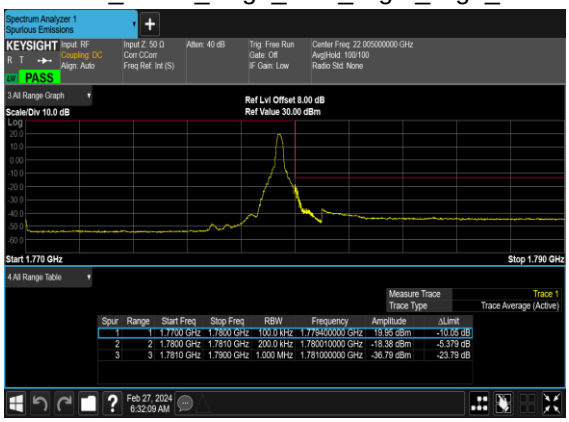
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



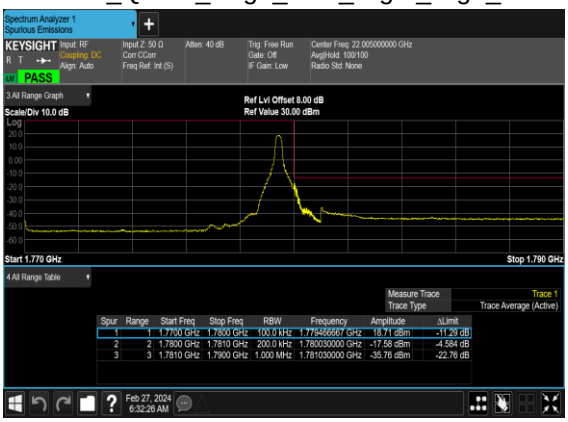
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



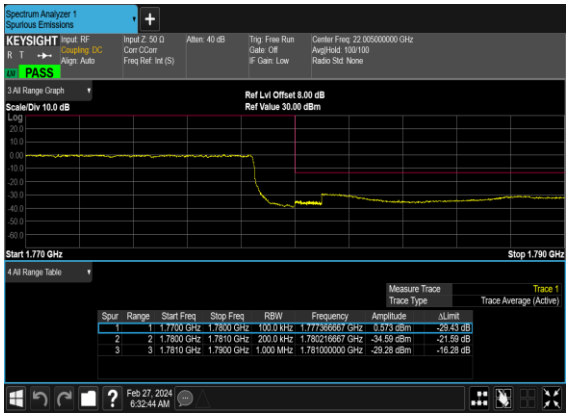
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



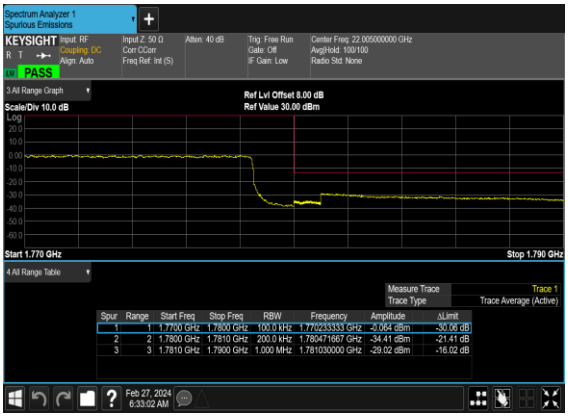
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



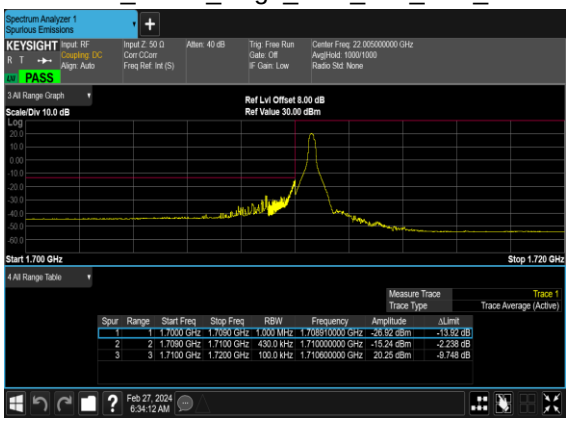
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



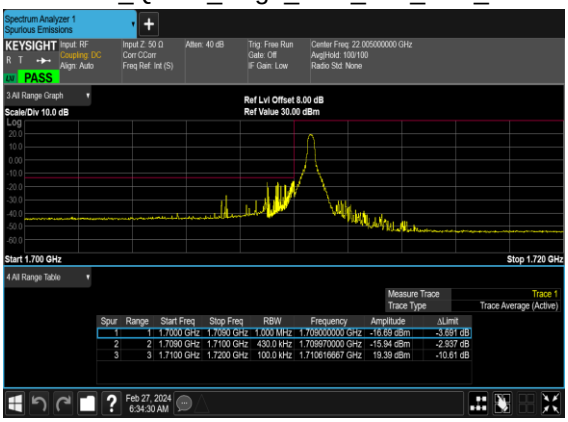
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



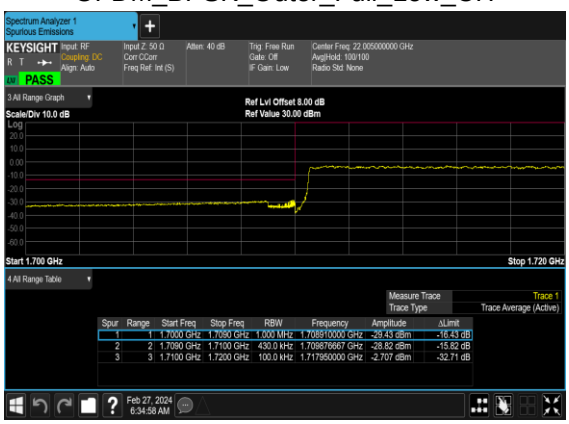
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



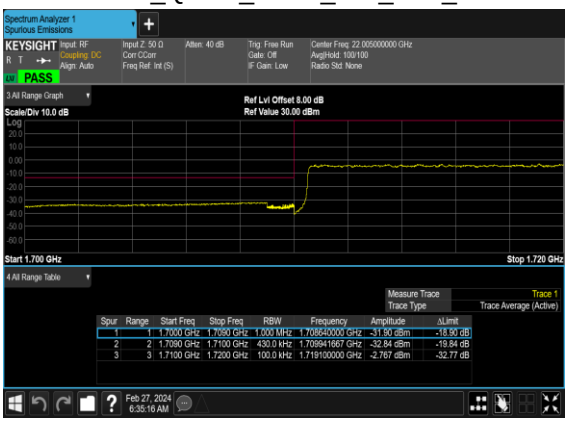
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



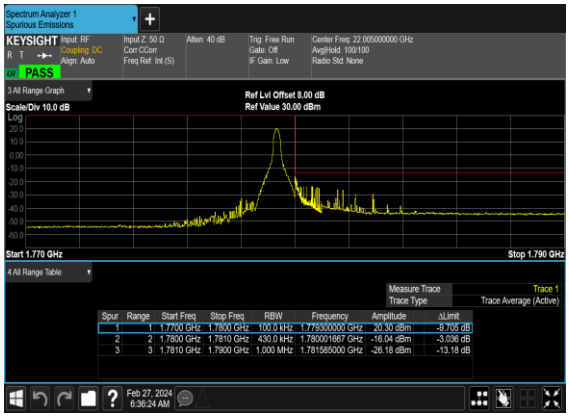
N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



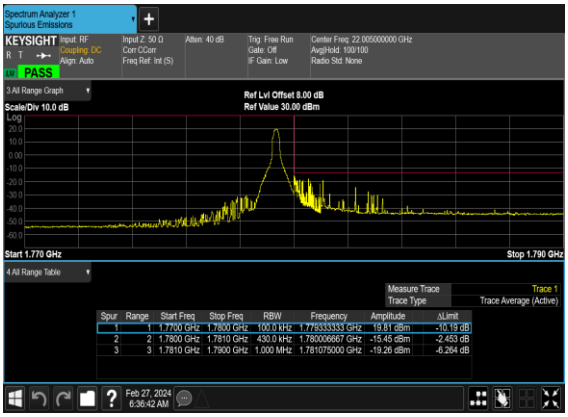
N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

Software Version: 23.06.1602

FR1 N66(Ant.1) NSA - Other PA

LTE Band: 7(Ant.2), LTE BW: 10M, LTE ARFCN: Mid

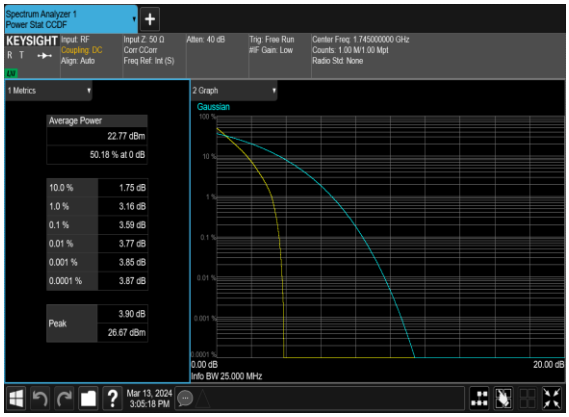
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0041	**PASS**	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0045	**PASS**	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0059	**PASS**	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0051	**PASS**	-30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0047	**PASS**	-20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0025	**PASS**	-10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0035	**PASS**	0℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0050	**PASS**	10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0041	**PASS**	20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0024	**PASS**	30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0026	**PASS**	40℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0032	**PASS**	50℃

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 PI/2 BPSK	100@0	3.59	13	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	4.12	13	**PASS**

B7_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



B7_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	4.4943	5.091
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.5209	5.325
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4656	5.04
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4685	5.026
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2874	10.0
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.3061	9.973
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2661	9.907
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2867	9.91
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.099	14.88
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.094	14.87
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.105	14.91
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.078	14.94
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.888	19.9
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.936	19.77
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.908	19.81
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.91	19.69
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.725	24.9
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.685	24.88
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.802	24.8
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.804	24.67
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.554	29.72
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.609	29.59
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.514	29.63
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.476	29.67
66	15	35	349000	1745.0	CP-OFDM QPSK	188@0	33.52	34.82

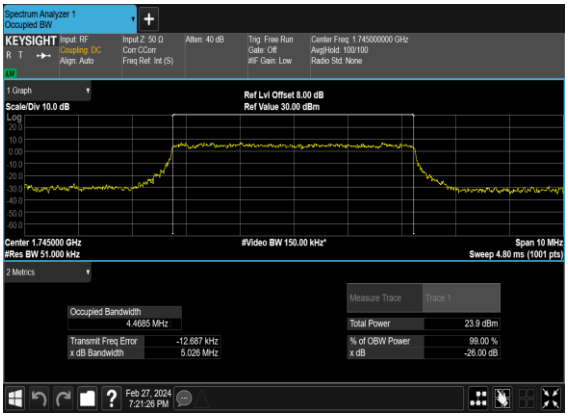
66	15	35	349000	1745.0	CP-OFDM 16 QAM	188@0	33.478	34.76
66	15	35	349000	1745.0	CP-OFDM 64 QAM	188@0	33.5	34.71
66	15	35	349000	1745.0	CP-OFDM 256 QAM	188@0	33.497	34.86
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.56	40.05
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.581	40.0
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.543	39.89
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.535	39.85

B7_N66(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

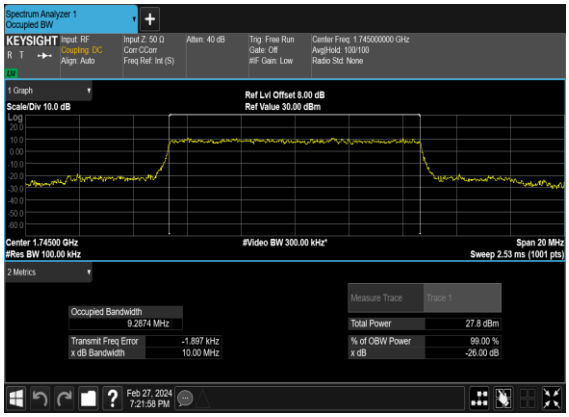
B7_N66(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

B7_N66(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

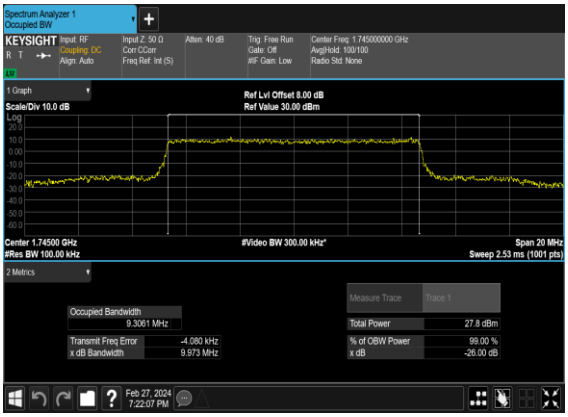
B7_N66(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



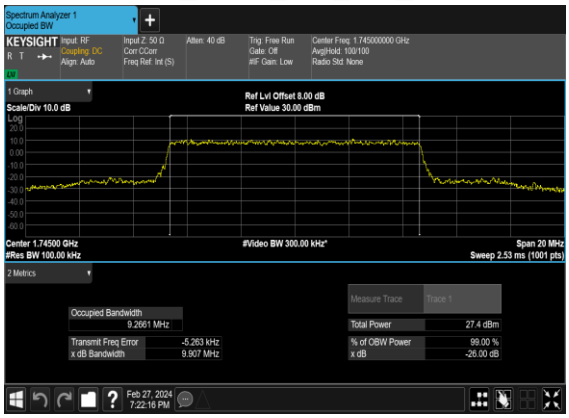
B7_N66(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



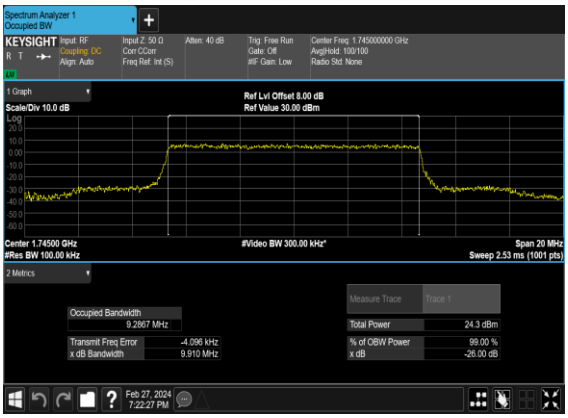
B7_N66(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B7_N66(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



B7_N66(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



B7_N66(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

B7_N66(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

B7_N66(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B7_N66(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH