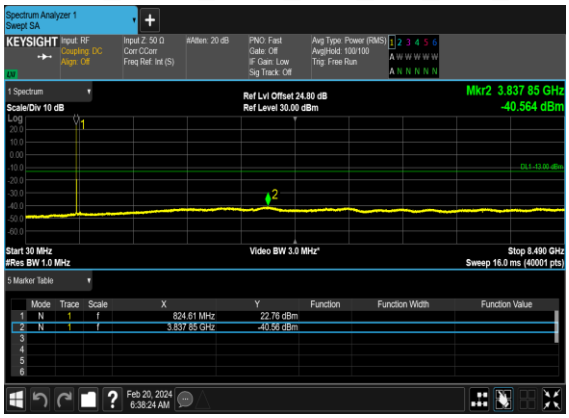
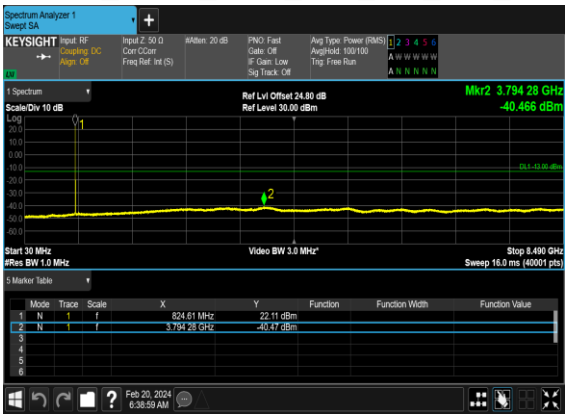
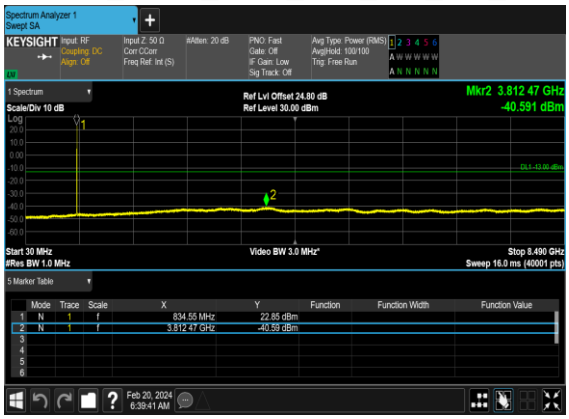
N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



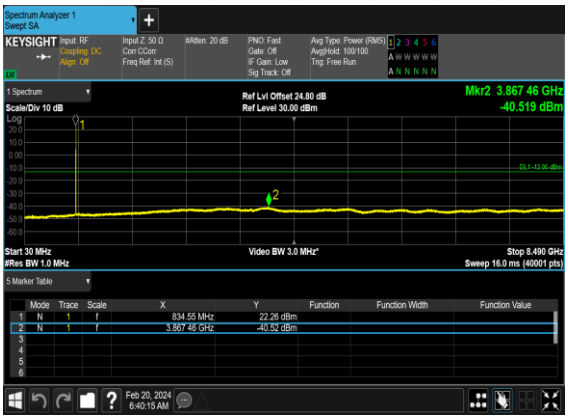
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



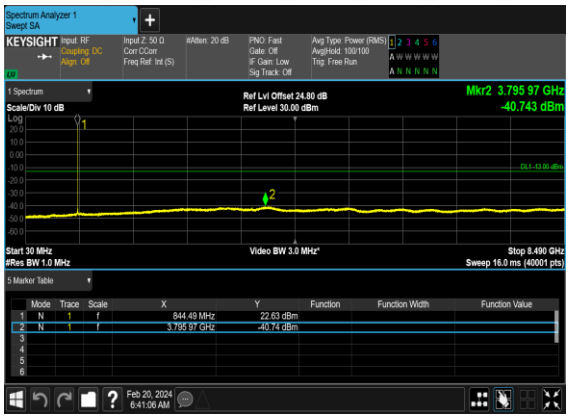
N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



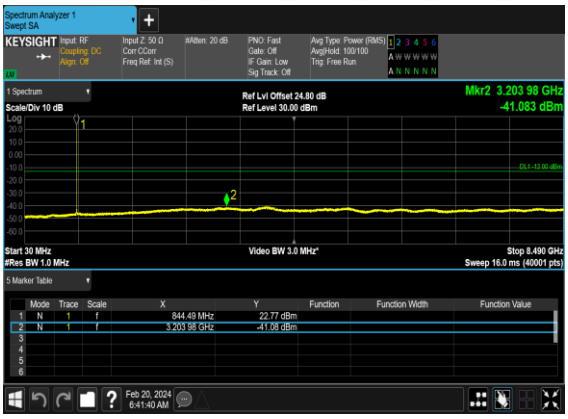
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



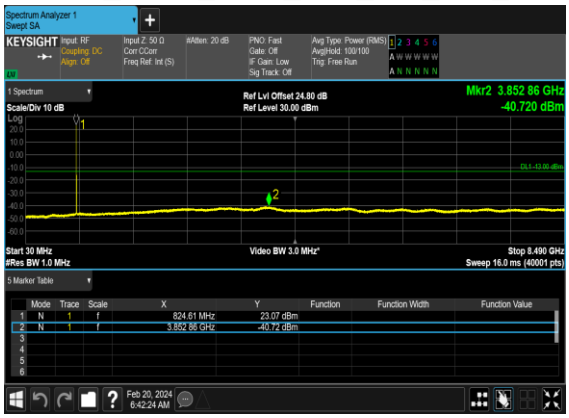
N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



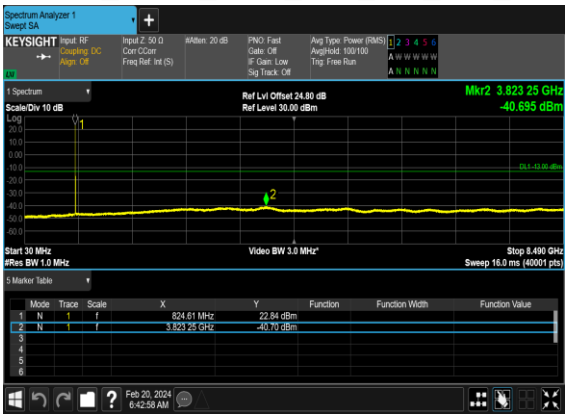
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



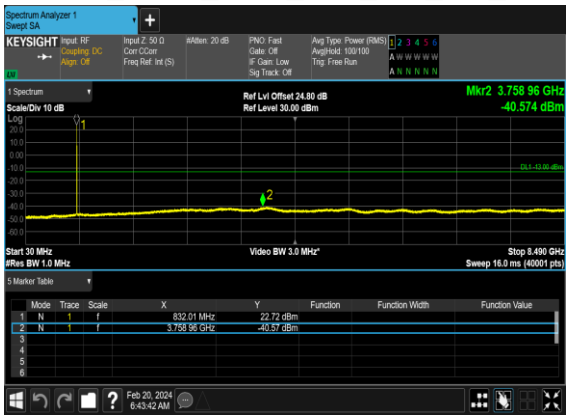
N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



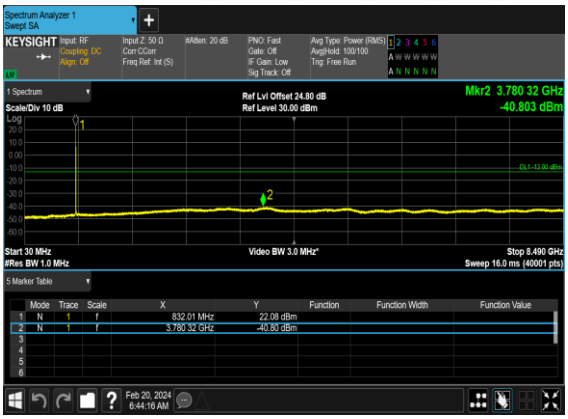
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



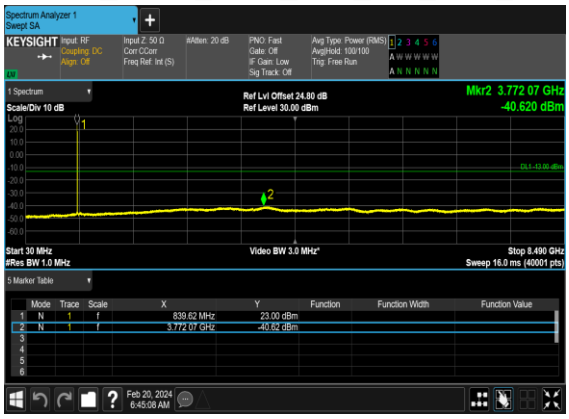
N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



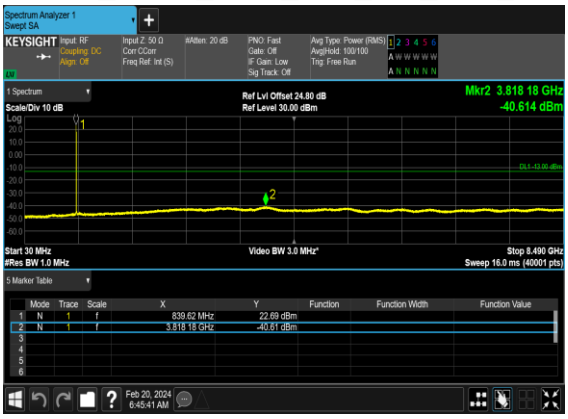
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



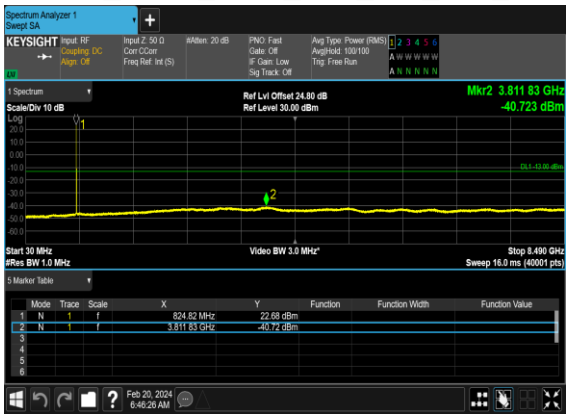
N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



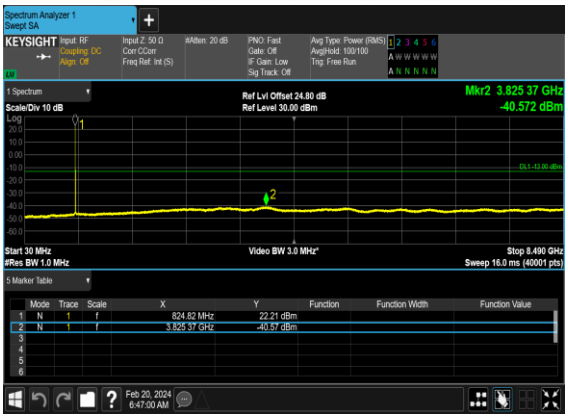
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



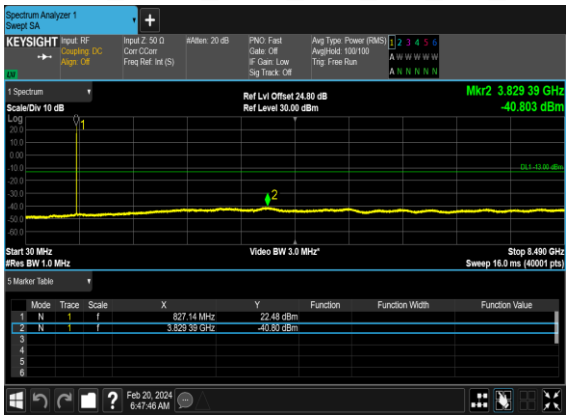
N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



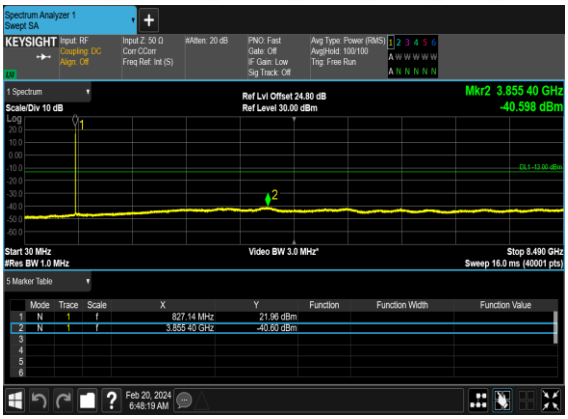
N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



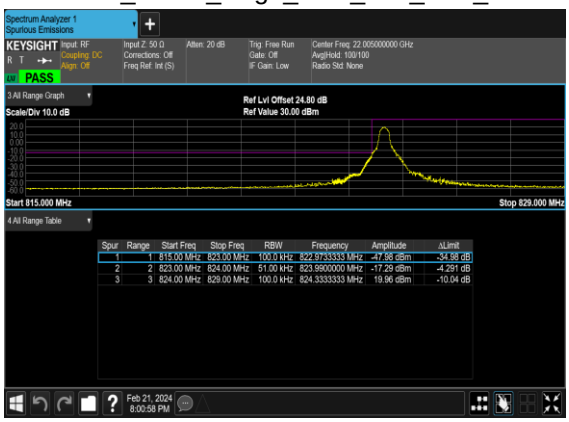
N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

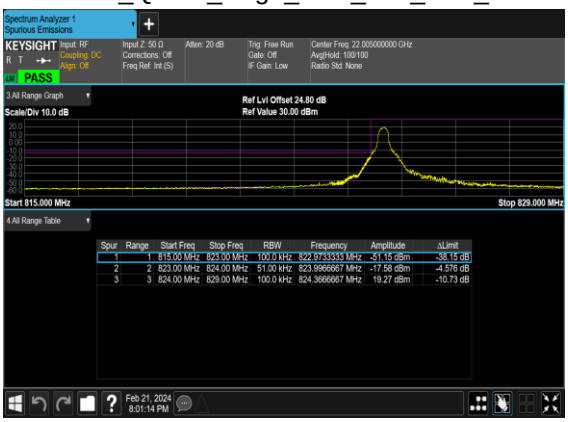
Conducted Band Edge

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

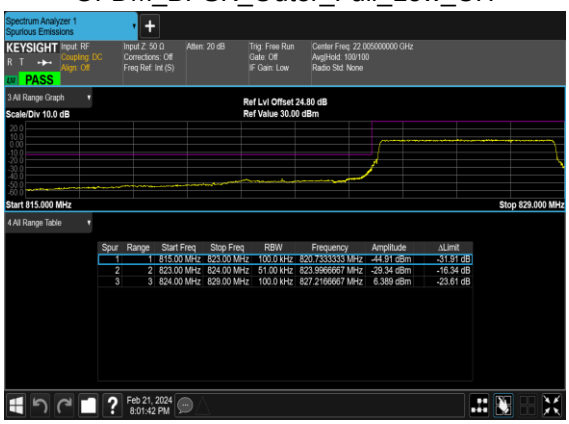
N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



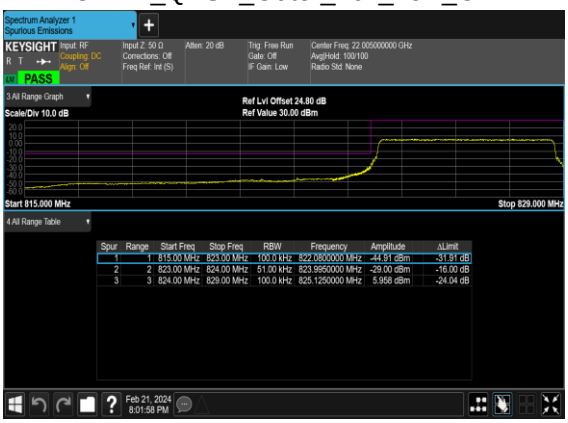
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



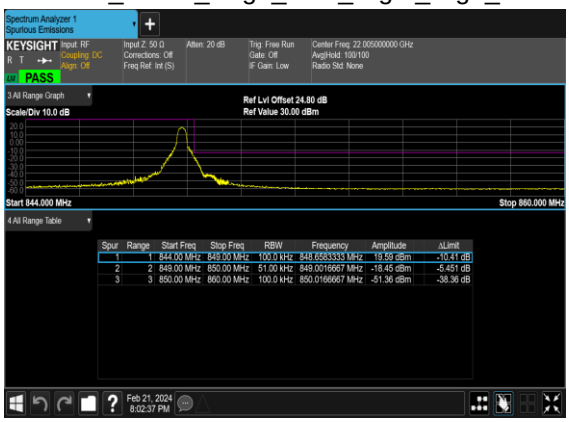
N26(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



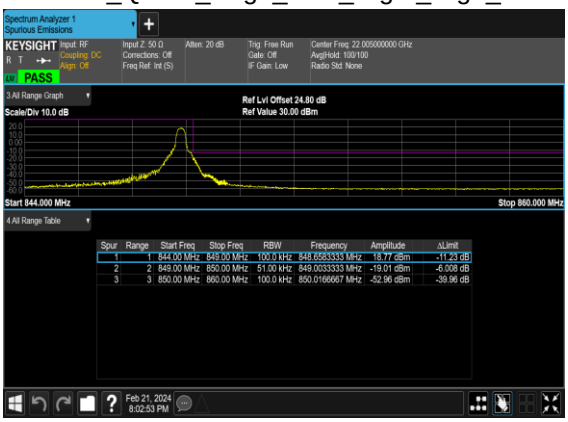
N26(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



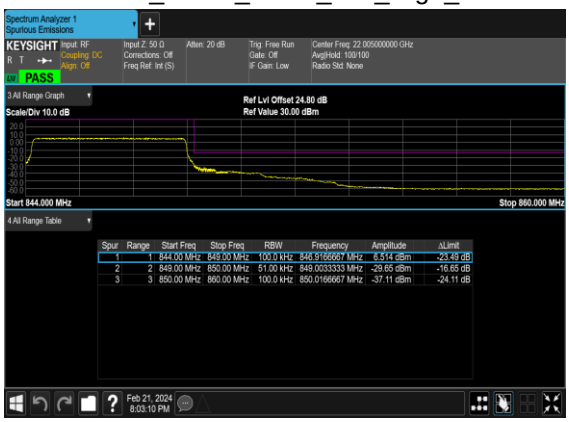
N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



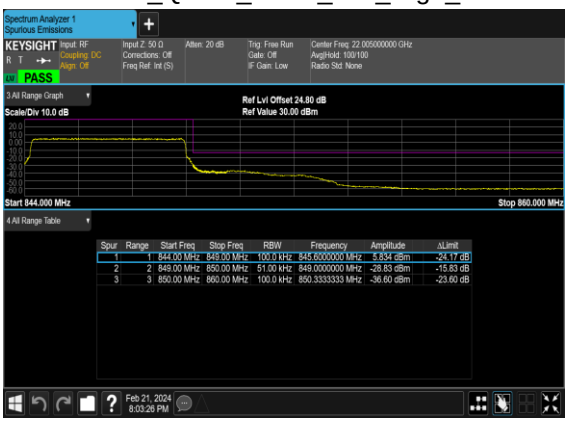
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



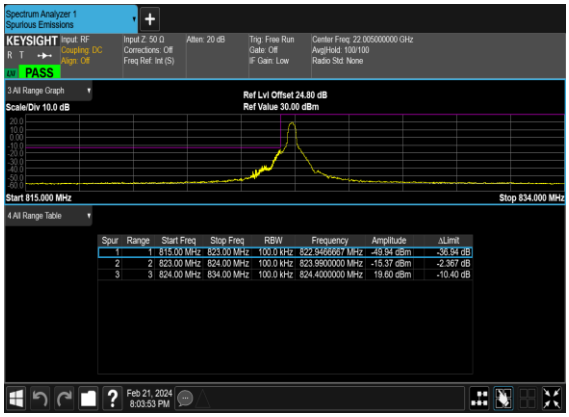
N26(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



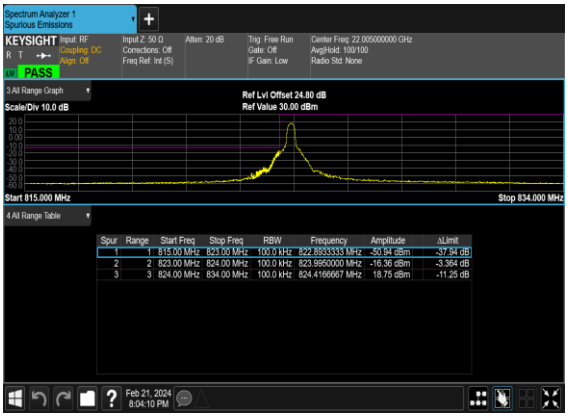
N26(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



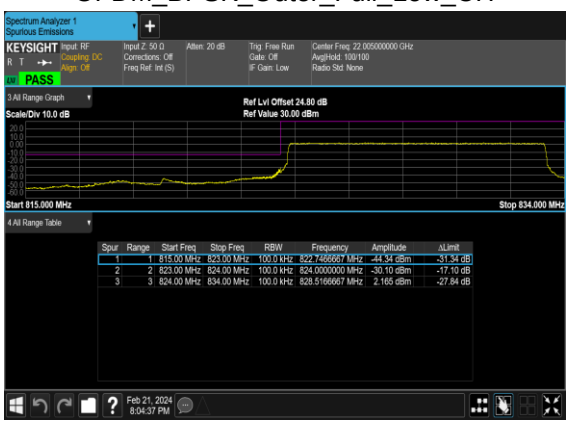
N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



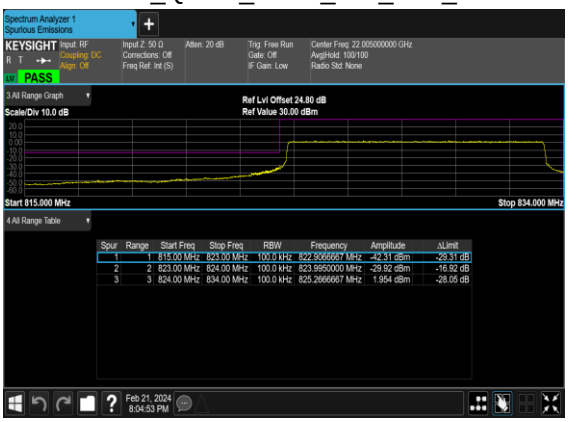
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



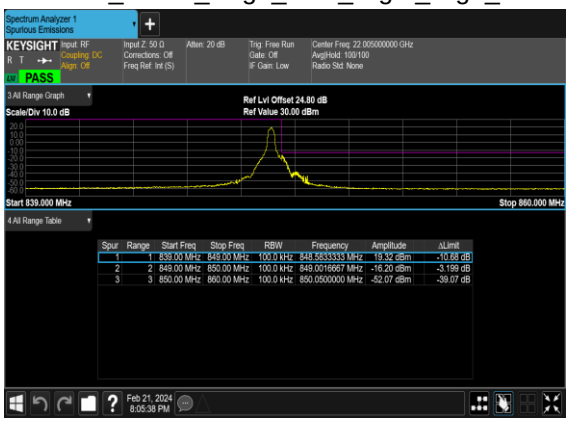
N26(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



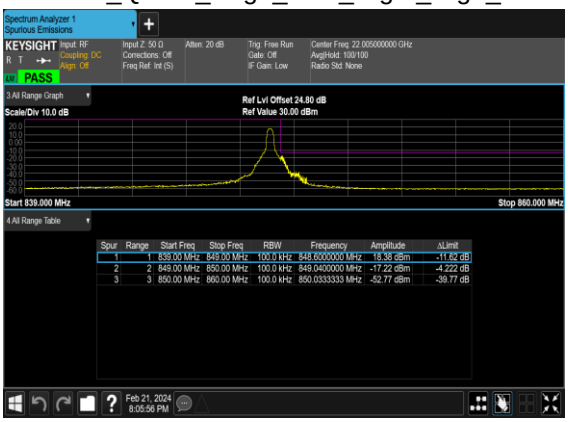
N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

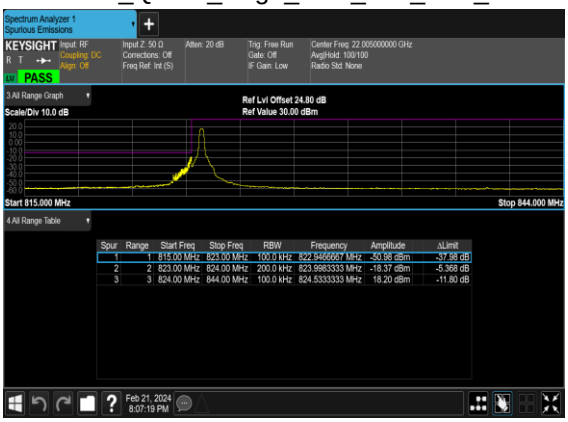


N26(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

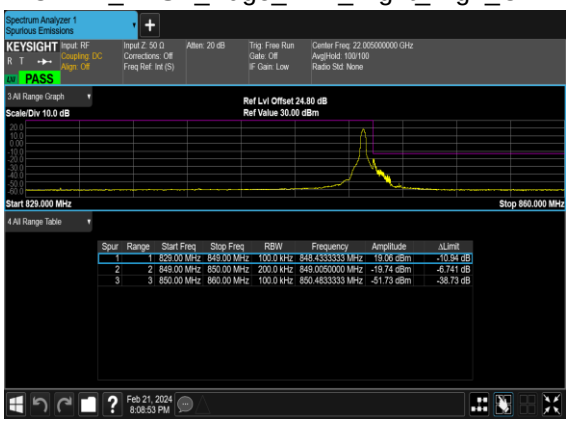
N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



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

Transmitter Conducted Output Power And EIRP, (G_T - L_C)= 1.47dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	108@54	23.16	24.63	0.2904
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@1	23.1	24.57	0.2864
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@214	23.2	24.67	0.2931
66	15	40	346000	1730	DFT-s-OFDM QPSK	108@54	23.1	24.57	0.2864
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	23.19	24.66	0.2924
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@214	23.29	24.76	0.2992
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	108@54	22.06	23.53	0.2254
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	22	23.47	0.2223
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@214	22.11	23.58	0.2280
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	108@54	20.61	22.08	0.1614
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@1	20.54	22.01	0.1589
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@214	20.49	21.96	0.1570
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	108@54	18.57	20.04	0.1009
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@1	18.77	20.24	0.1057
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@214	18.77	20.24	0.1057
66	15	40	346000	1730	CP-OFDM QPSK	108@54	21.57	23.04	0.2014
66	15	40	346000	1730	CP-OFDM QPSK	1@1	21.42	22.89	0.1945
66	15	40	346000	1730	CP-OFDM QPSK	1@214	21.58	23.05	0.2018
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	108@54	23.09	24.56	0.2858
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	22.94	24.41	0.2761
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@214	23.21	24.68	0.2938
66	15	40	349000	1745	DFT-s-OFDM QPSK	108@54	23.15	24.62	0.2897
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	22.99	24.46	0.2793
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@214	23.17	24.64	0.2911
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	108@54	22.13	23.6	0.2291
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.78	23.25	0.2113
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@214	22.13	23.6	0.2291
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	108@54	20.59	22.06	0.1607
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@1	20.42	21.89	0.1545
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@214	20.7	22.17	0.1648
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	108@54	18.56	20.03	0.1007
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@1	18.55	20.02	0.1005
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@214	18.9	20.37	0.1089
66	15	40	349000	1745	CP-OFDM QPSK	108@54	19.64	21.11	0.1291
66	15	40	349000	1745	CP-OFDM QPSK	1@1	21.52	22.99	0.1991
66	15	40	349000	1745	CP-OFDM QPSK	1@214	21.6	23.07	0.2028
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	108@54	23.23	24.7	0.2951
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@1	23.23	24.7	0.2951
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@214	23.43	24.9	0.3090
66	15	40	352000	1760	DFT-s-OFDM QPSK	108@54	23.2	24.67	0.2931
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	23.19	24.66	0.2924

66	15	40	352000	1760	DFT-s-OFDM QPSK	1@214	23.36	24.83	0.3041
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	108@54	22.23	23.7	0.2344
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	22.23	23.7	0.2344
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@214	22.34	23.81	0.2404
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	108@54	20.68	22.15	0.1641
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@1	20.64	22.11	0.1626
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@214	20.81	22.28	0.1690
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	108@54	18.68	20.15	0.1035
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@1	18.73	20.2	0.1047
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@214	18.93	20.4	0.1096
66	15	40	352000	1760	CP-OFDM QPSK	108@54	21.68	23.15	0.2065
66	15	40	352000	1760	CP-OFDM QPSK	1@1	21.56	23.03	0.2009
66	15	40	352000	1760	CP-OFDM QPSK	1@214	21.73	23.2	0.2089
66	15	5	342500	1712.5	DFT-s-OFDM PI/2 BPSK	1@1	23.03	24.5	0.2818
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	23.08	24.55	0.2851
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	22.16	23.63	0.2307
66	15	5	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23	24.47	0.2799
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	22.9	24.37	0.2735
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.98	23.45	0.2213
66	15	5	355500	1777.5	DFT-s-OFDM PI/2 BPSK	1@1	23.07	24.54	0.2844
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	23.2	24.67	0.2931
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	22.07	23.54	0.2259
66	15	10	343000	1715	DFT-s-OFDM PI/2 BPSK	1@1	23.08	24.55	0.2851
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	23	24.47	0.2799
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	22.21	23.68	0.2333
66	15	10	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23	24.47	0.2799
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	23.06	24.53	0.2838
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.77	23.24	0.2109
66	15	10	355000	1775	DFT-s-OFDM PI/2 BPSK	1@1	23.12	24.59	0.2877
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	23.02	24.49	0.2812
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	22.1	23.57	0.2275
66	15	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	1@1	23.14	24.61	0.2891
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	23.1	24.57	0.2864
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	22.05	23.52	0.2249
66	15	15	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	22.95	24.42	0.2767
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	23.18	24.65	0.2917
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.95	23.42	0.2198
66	15	15	354500	1772.5	DFT-s-OFDM PI/2 BPSK	1@1	23.15	24.62	0.2897
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	23.24	24.71	0.2958
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	22.14	23.61	0.2296
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	1@1	23.16	24.63	0.2904
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	23.09	24.56	0.2858
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	22.25	23.72	0.2355
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.07	24.54	0.2844
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	23.11	24.58	0.2871
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.97	23.44	0.2208
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	1@1	23.09	24.56	0.2858
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	23.09	24.56	0.2858

66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	22.14	23.61	0.2296

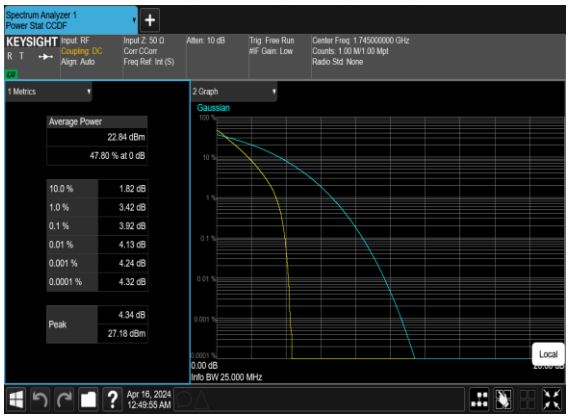
Frequency Stability

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	0.00050	**PASS**	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.00436	**PASS**	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.00105	**PASS**	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.00228	**PASS**	-30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00216	**PASS**	-20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.00153	**PASS**	-10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.00311	**PASS**	0℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00462	**PASS**	10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.00526	**PASS**	20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.00374	**PASS**	30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.00416	**PASS**	40℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.00389	**PASS**	50℃

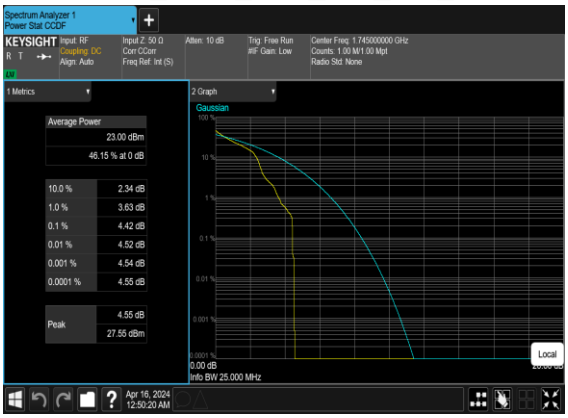
Peak to Average Ratio

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	3.92	13	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	4.42	13	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	4.52	13	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	3.97	13	**PASS**

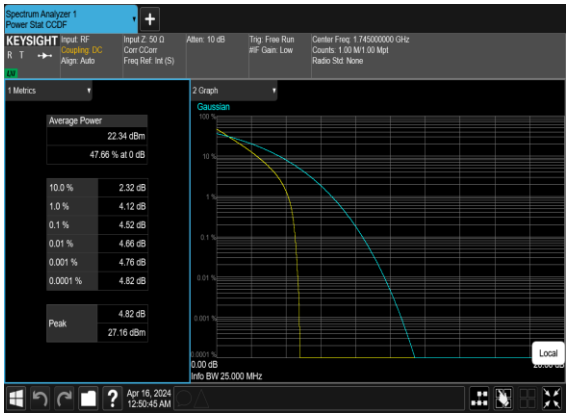
N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



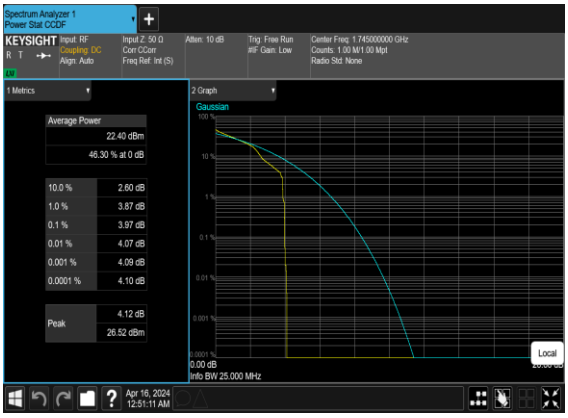
N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



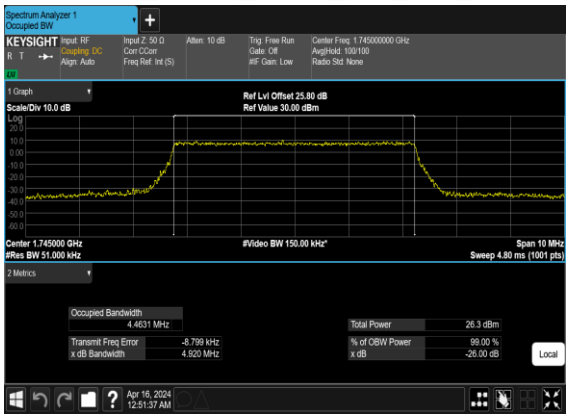
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



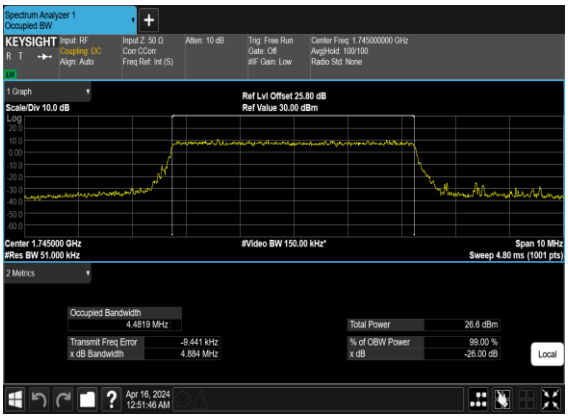
Occupied Bandwidth

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	4.4631	4.92
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4819	4.884
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4728	4.864
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4619	4.848
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.258	9.828
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2798	9.847
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2682	9.873
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2566	9.87
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.091	14.78
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.101	14.74
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.064	14.83
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.105	14.74
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.892	19.66
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.858	19.67
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.895	19.63
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.837	19.66
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.521	39.86
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.465	39.86
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.482	39.83
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.491	39.85

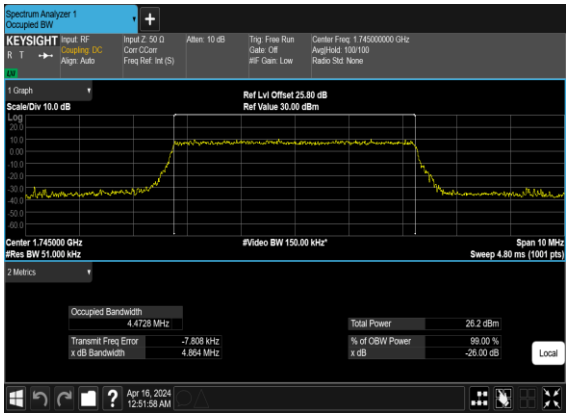
N66(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



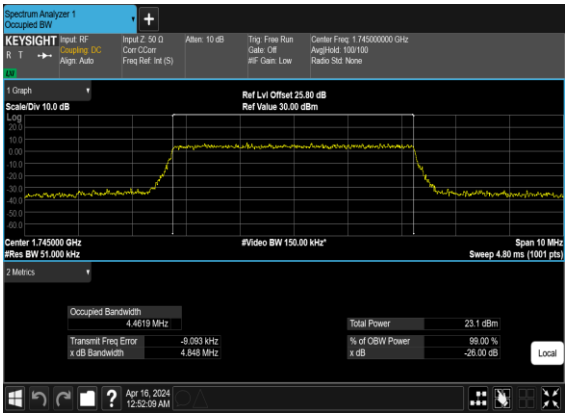
N66(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



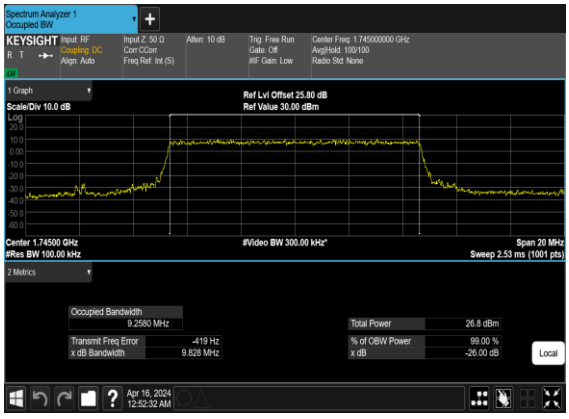
N66(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



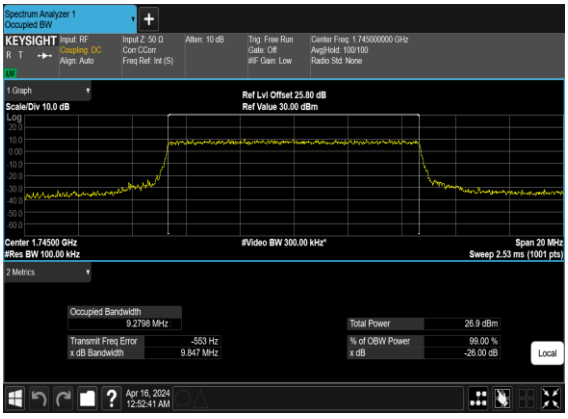
N66(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



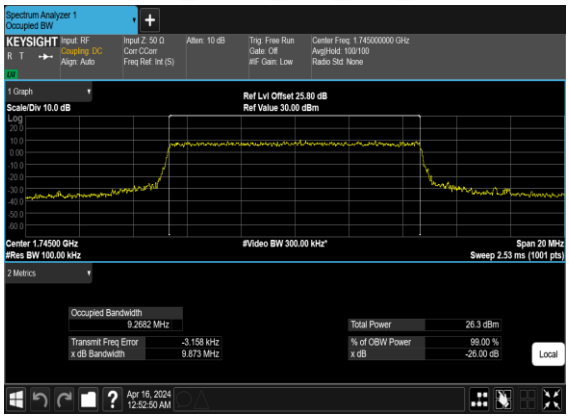
N66(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



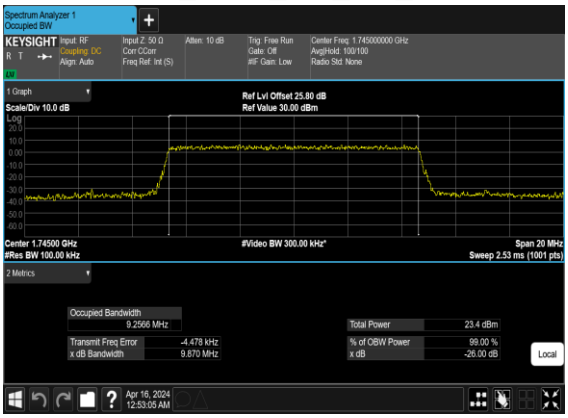
N66(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N66(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

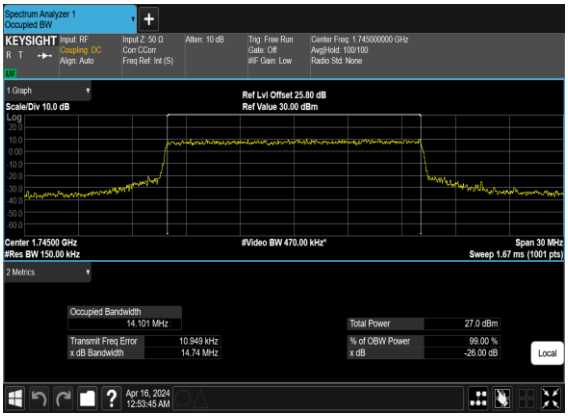


N66(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

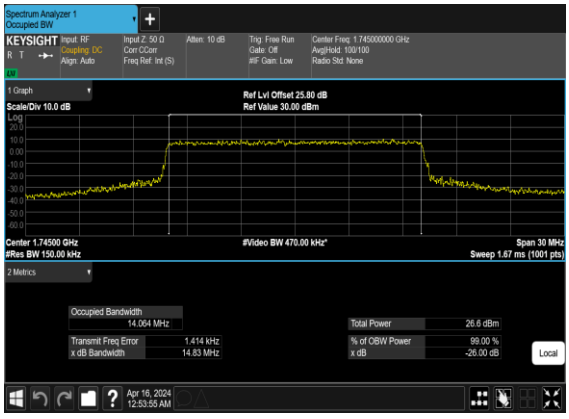


N66(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N66(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

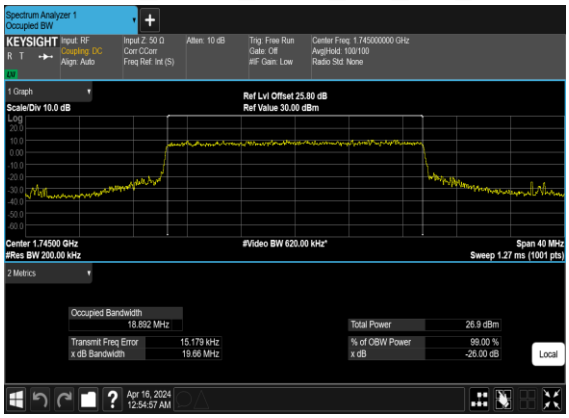


N66(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

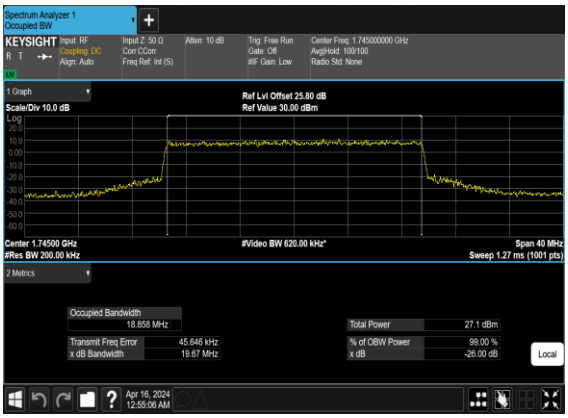


N66(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N66(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

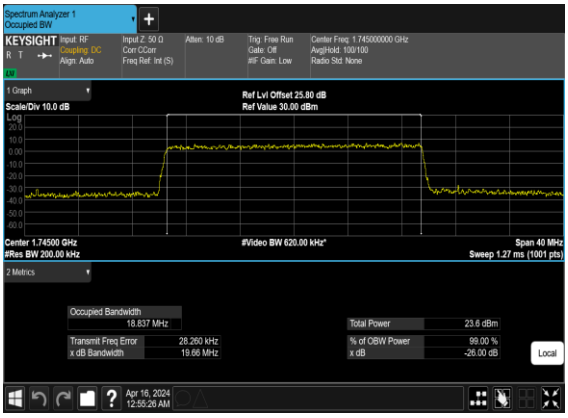


N66(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

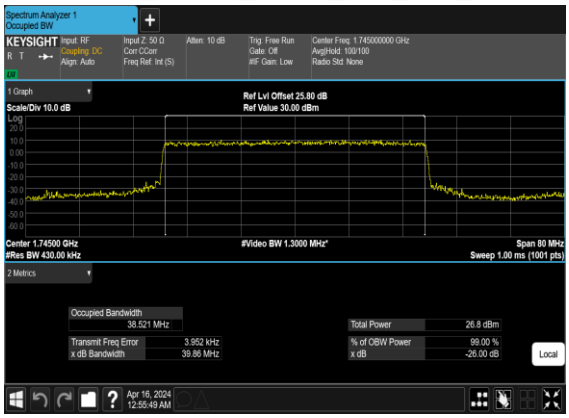


N66(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

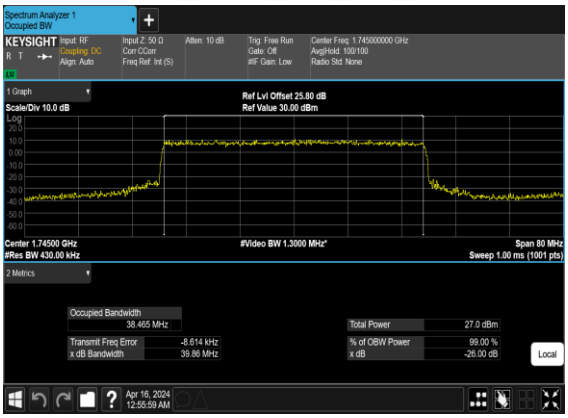
N66(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



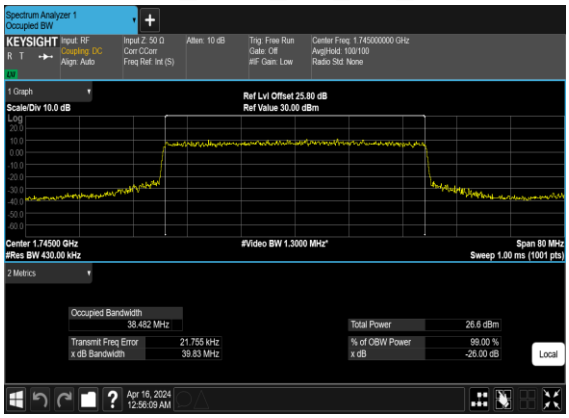
N66(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



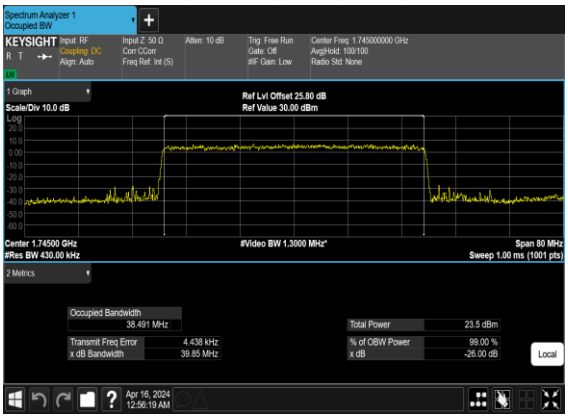
N66(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



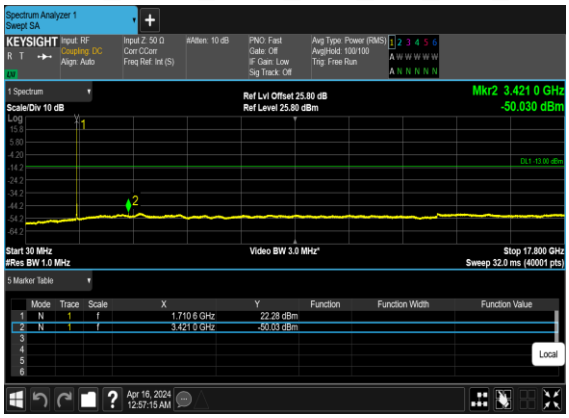
N66(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



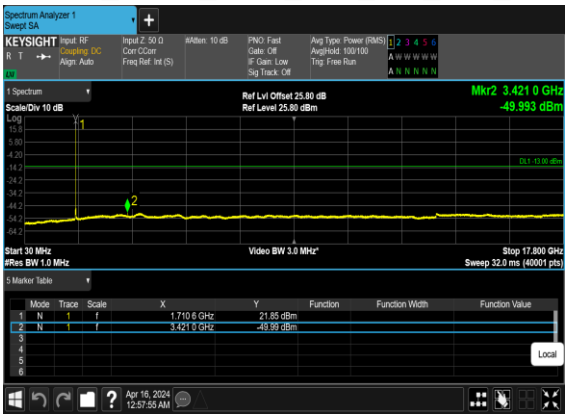
Conducted Spurious Emissions

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**

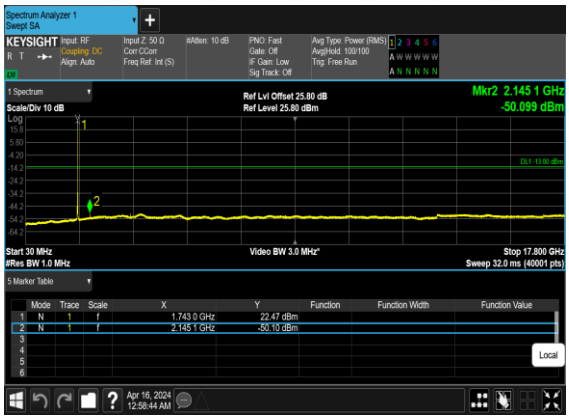
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



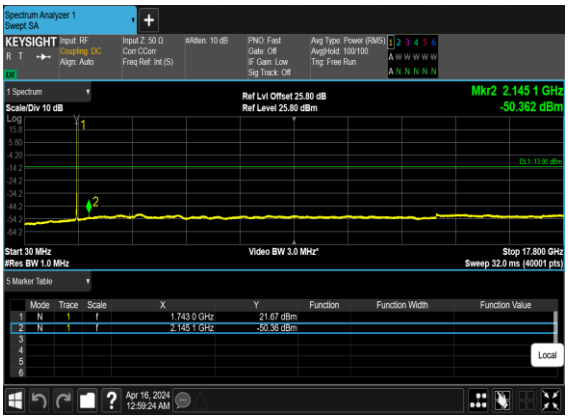
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



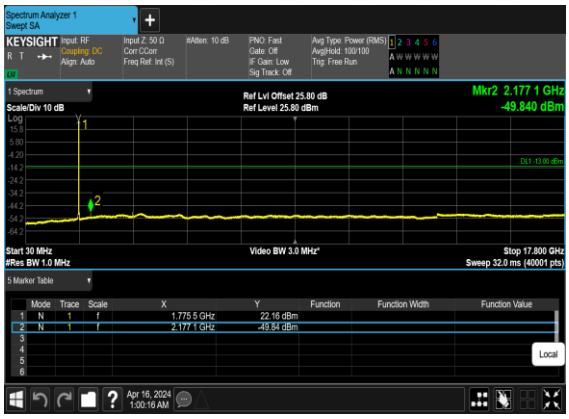
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



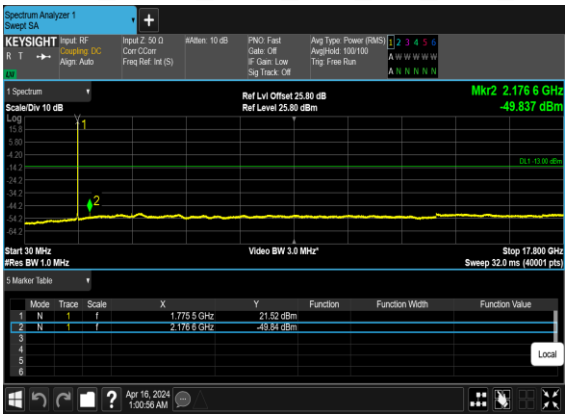
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



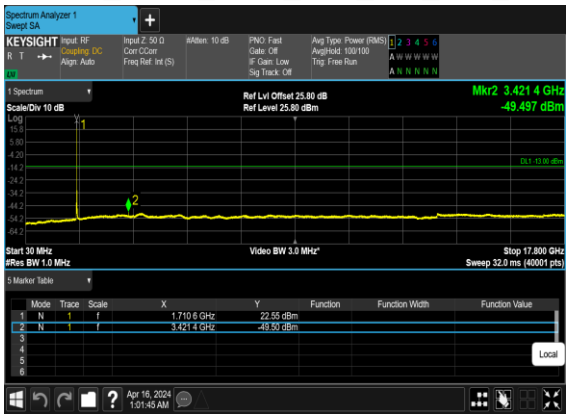
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



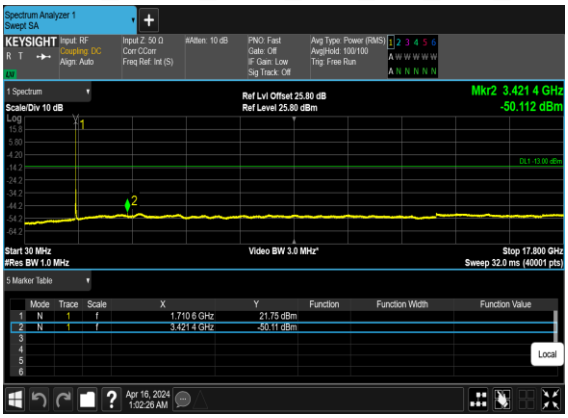
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



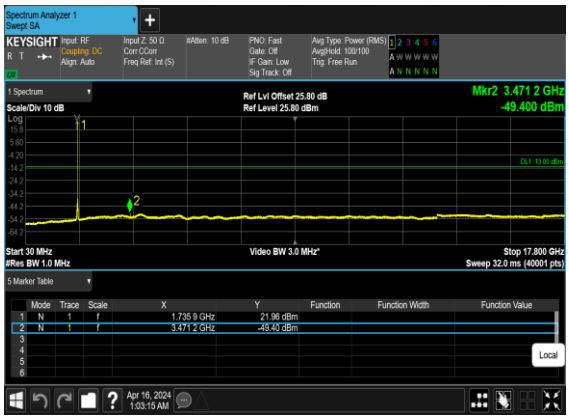
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



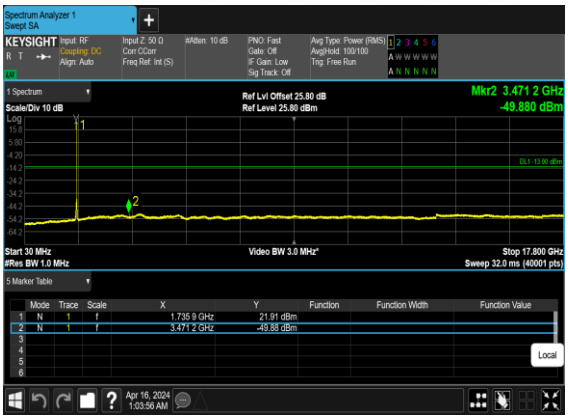
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



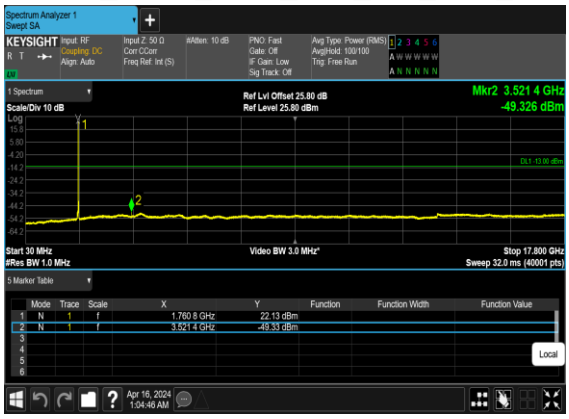
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



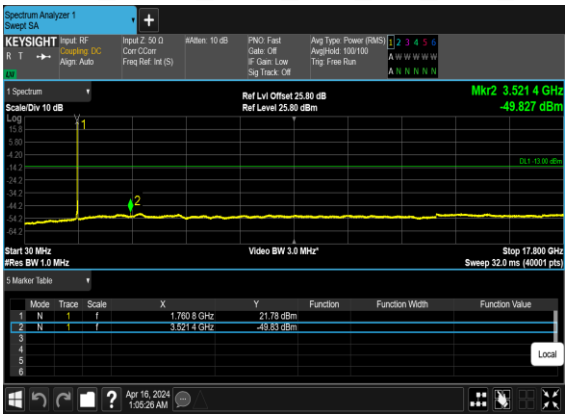
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



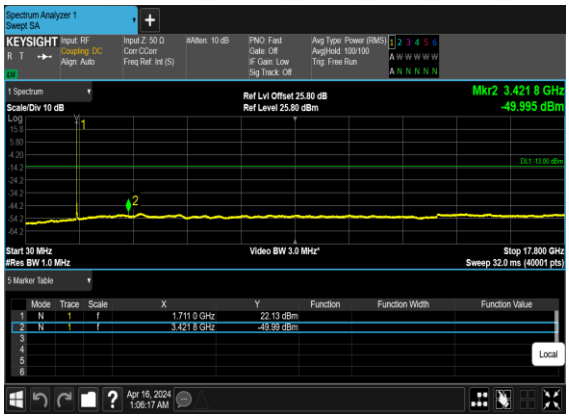
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



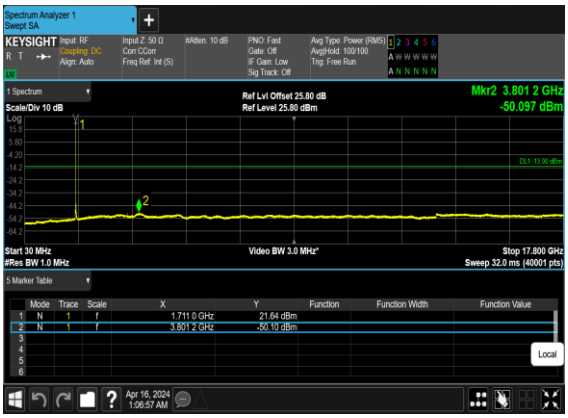
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



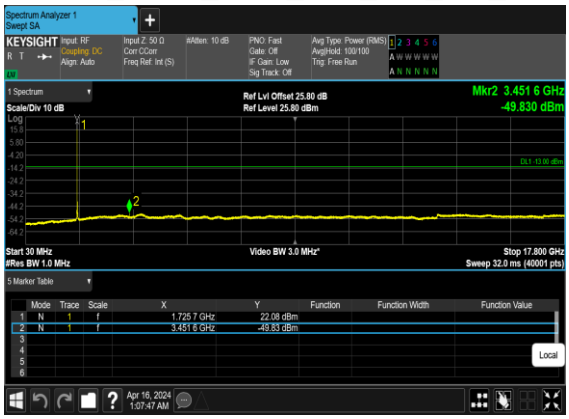
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



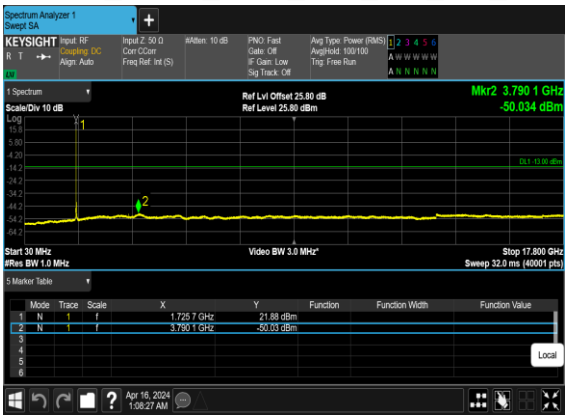
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



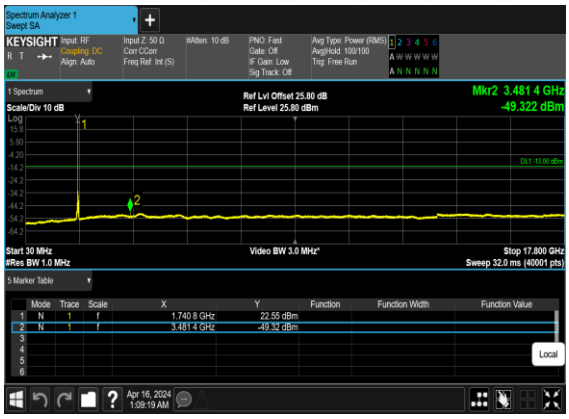
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



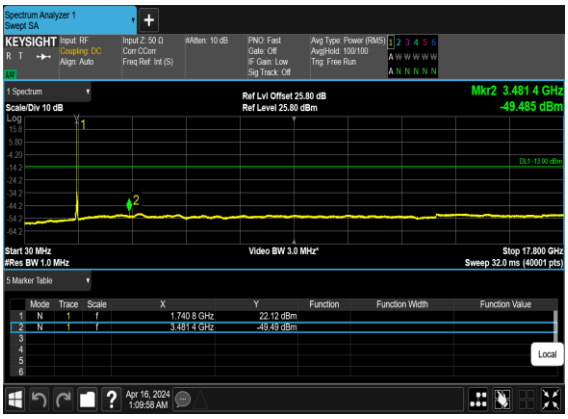
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



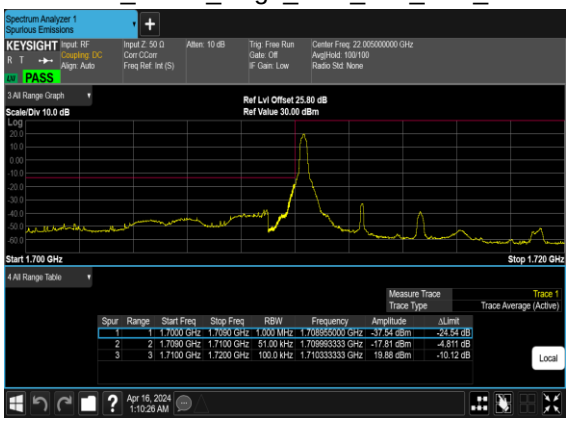
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



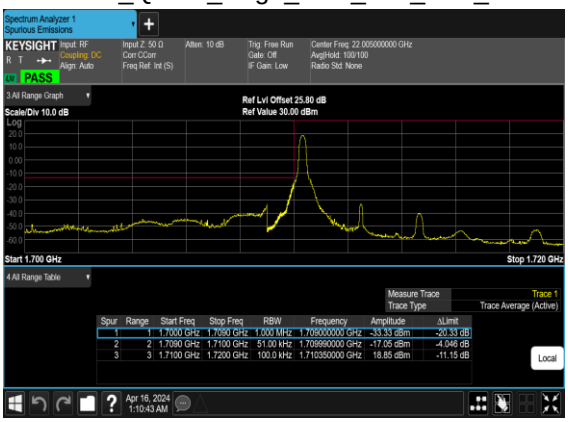
Conducted Band Edge

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**

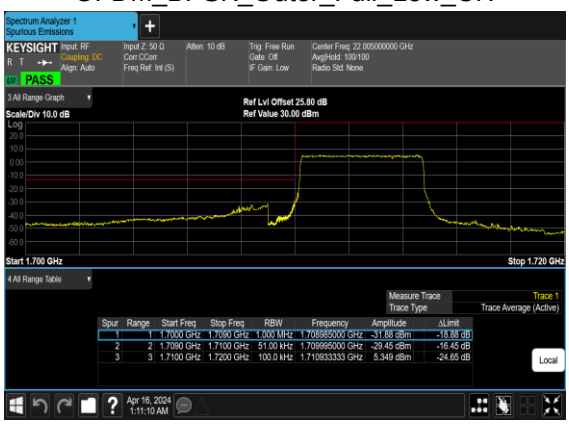
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



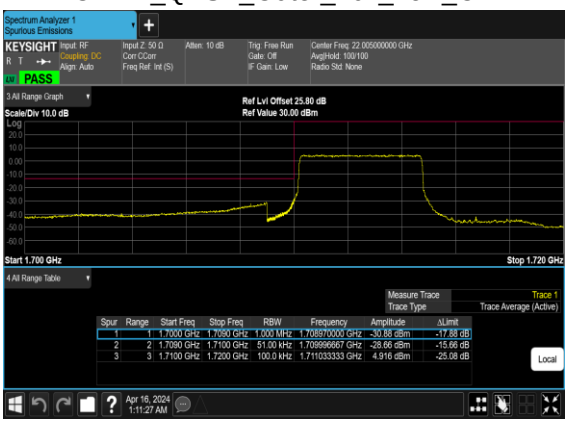
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



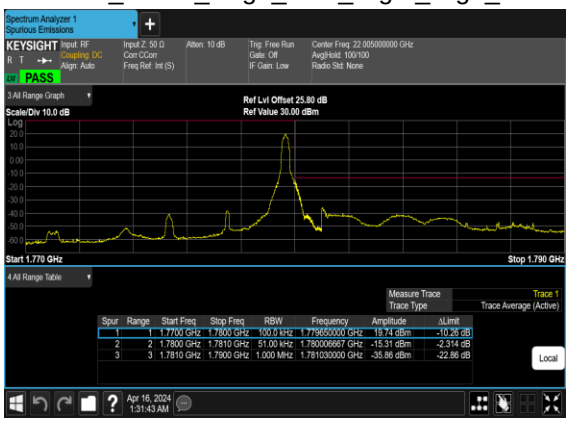
N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



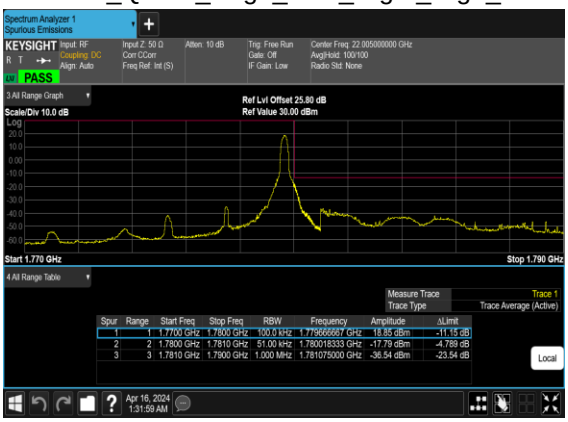
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



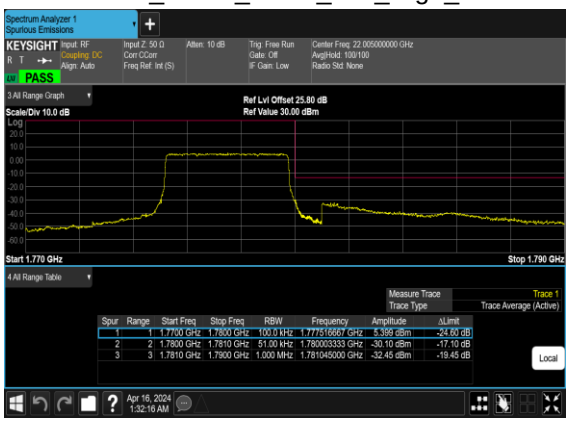
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



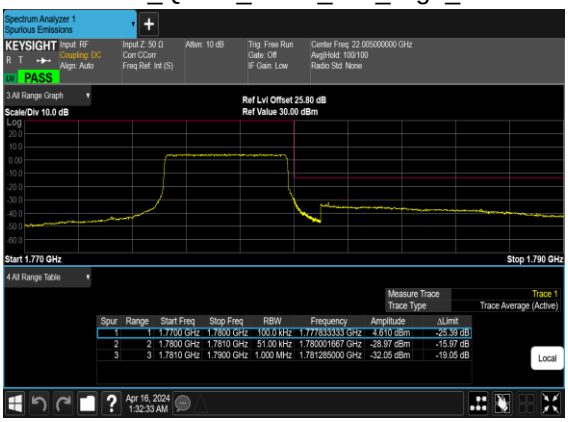
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



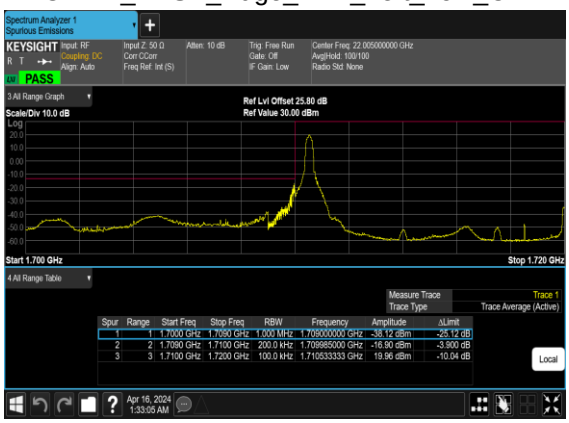
N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



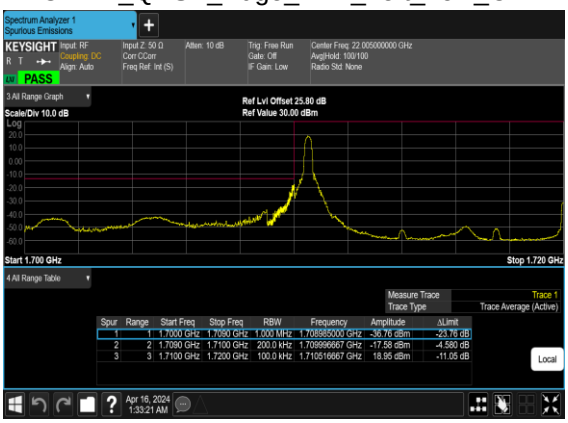
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



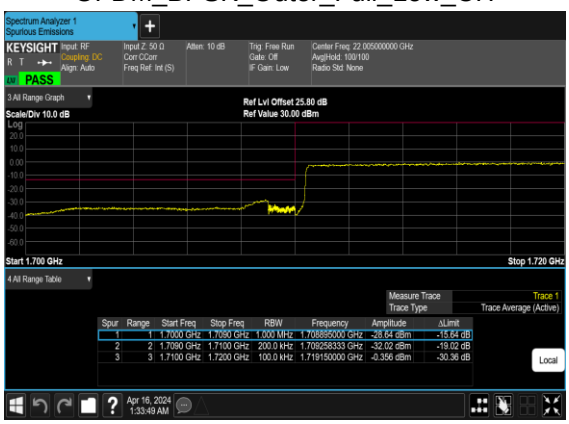
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

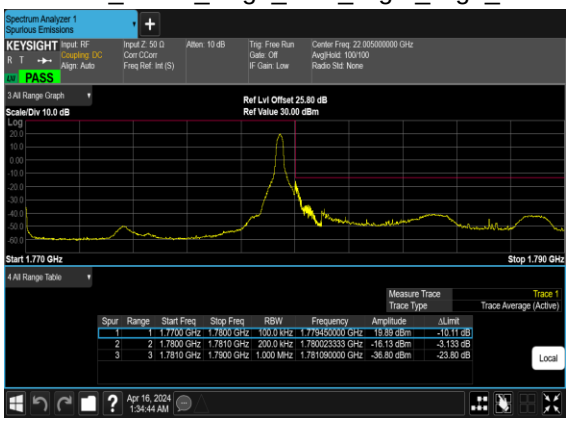


N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

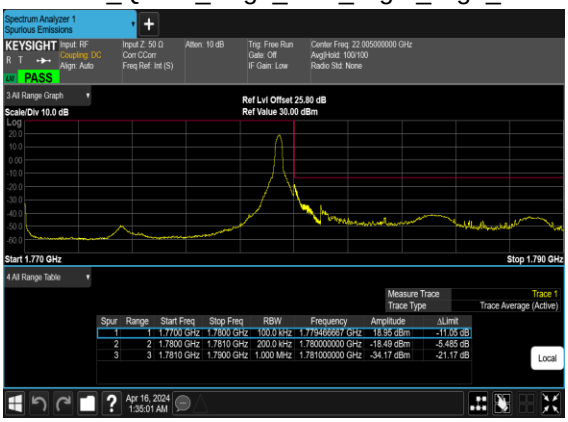


N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

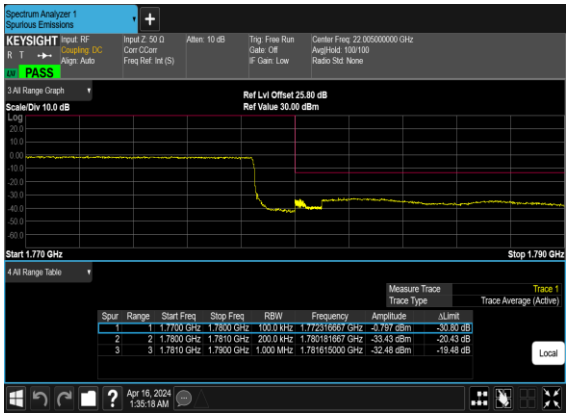
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



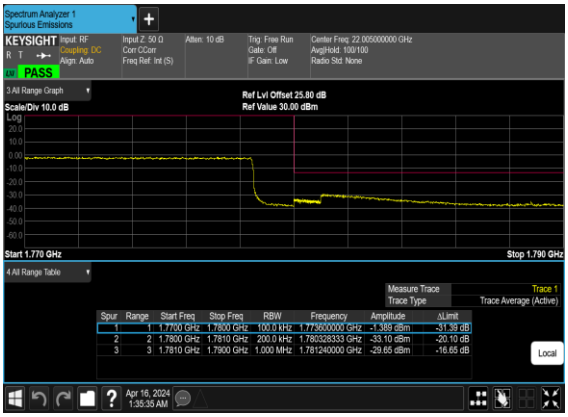
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



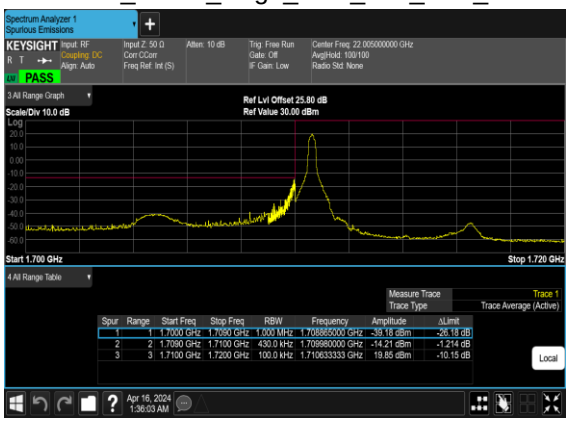
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



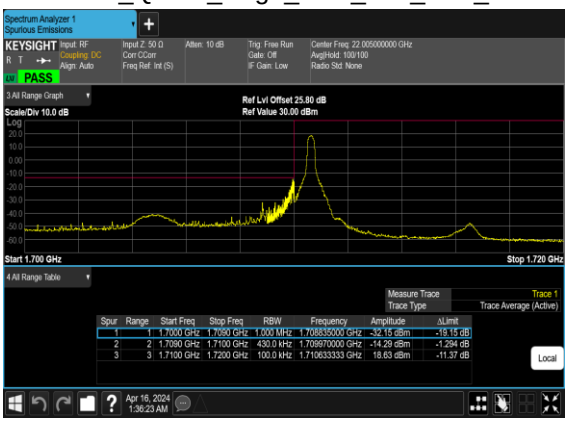
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



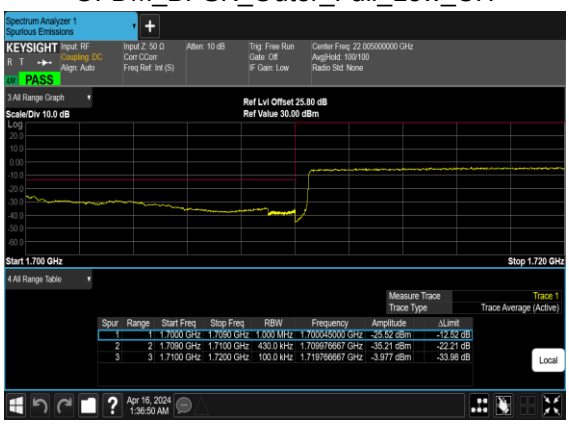
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



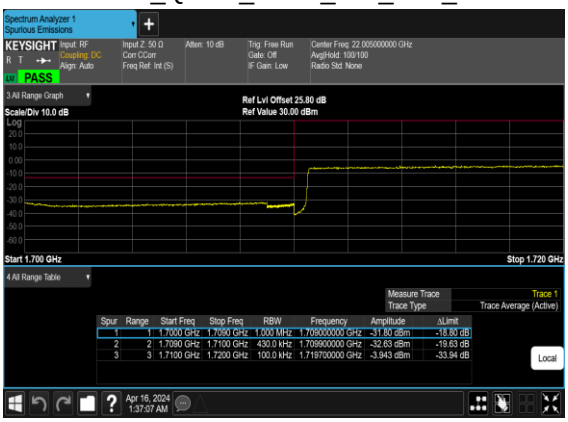
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



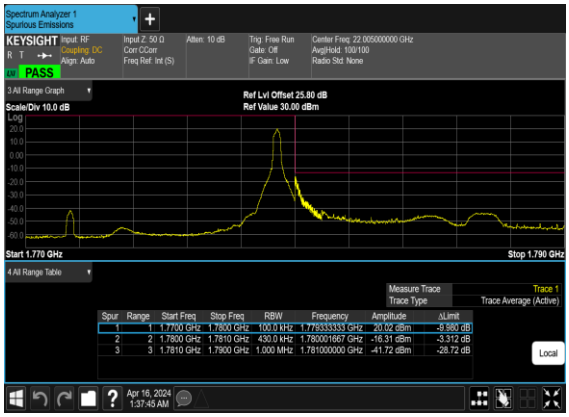
N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



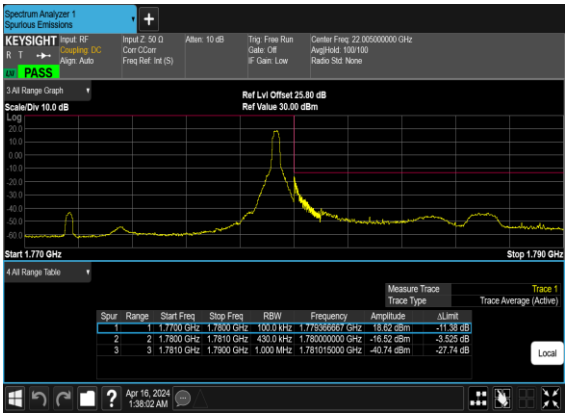
N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



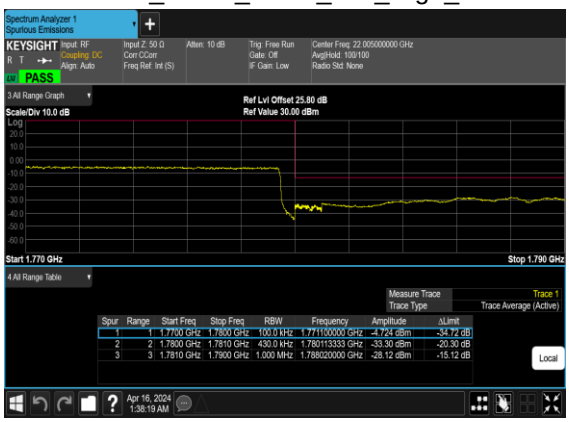
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



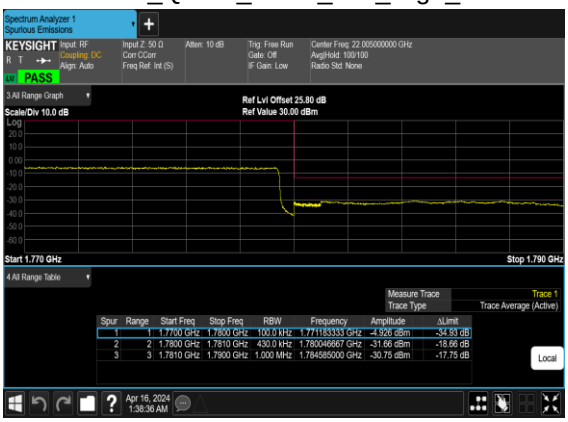
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

n25 SA / NR 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3705	-58.09	-13	-45.09	-70.35	2.64	14.90	H
	5550	-57.45	-13	-44.45	-69.31	2.94	14.80	H
	7410	-55.08	-13	-42.08	-64.85	3.39	13.16	H
	3705	-56.43	-13	-43.43	-68.69	2.64	14.90	V
	5550	-57.41	-13	-44.41	-69.27	2.94	14.80	V
	7410	-54.98	-13	-41.98	-64.75	3.39	13.16	V
Middle	3735	-58.60	-13	-45.60	-70.86	2.64	14.90	H
	5595	-57.13	-13	-44.13	-68.99	2.94	14.80	H
	7455	-54.72	-13	-41.72	-64.49	3.39	13.16	H
	3735	-58.03	-13	-45.03	-70.29	2.64	14.90	V
	5595	-57.40	-13	-44.40	-69.26	2.94	14.80	V
	7455	-54.57	-13	-41.57	-64.34	3.39	13.16	V
Highest	3750	-58.50	-13	-45.50	-70.76	2.64	14.90	H
	5625	-57.07	-13	-44.07	-68.93	2.94	14.80	H
	7515	-54.70	-13	-41.70	-64.47	3.39	13.16	H
	3750	-57.63	-13	-44.63	-69.89	2.64	14.90	V
	5625	-57.64	-13	-44.64	-69.50	2.94	14.80	V
	7515	-54.42	-13	-41.42	-64.19	3.39	13.16	V

EN-DC_48A_n25A / LTE 10MHz + NR 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3705	-45.76	-13	-32.76	-58.02	2.64	14.90	H
	5550	-43.27	-13	-30.27	-55.13	2.94	14.80	H
	7410	-43.55	-13	-30.55	-53.32	3.39	13.16	H
	3705	-44.99	-13	-31.99	-57.25	2.64	14.90	V
	5550	-44.47	-13	-31.47	-56.33	2.94	14.80	V
	7410	-43.40	-13	-30.40	-53.17	3.39	13.16	V
Middle	3729	-46.35	-13	-33.35	-58.61	2.64	14.90	H
	5595	-42.37	-13	-29.37	-54.23	2.94	14.80	H
	7464	-43.01	-13	-30.01	-52.78	3.39	13.16	H
	3729	-43.87	-13	-30.87	-56.13	2.64	14.90	V
	5595	-42.59	-13	-29.59	-54.45	2.94	14.80	V
	7464	-43.58	-13	-30.58	-53.35	3.39	13.16	V
Highest	3750	-45.47	-13	-32.47	-57.73	2.64	14.90	H
	5625	-42.68	-13	-29.68	-54.54	2.94	14.80	H
	7515	-42.76	-13	-29.76	-52.53	3.39	13.16	H
	3750	-46.04	-13	-33.04	-58.30	2.64	14.90	V
	5625	-43.62	-13	-30.62	-55.48	2.94	14.80	V
	7515	-43.18	-13	-30.18	-52.95	3.39	13.16	V

n26 SA / NR 20MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-64.34	-13	-51.34	-71.31	1.58	10.70	H
	2464	-62.10	-13	-49.10	-70.35	2.102	12.50	H
	3288	-60.59	-13	-47.59	-69.48	2.856	13.90	H
	1648	-64.54	-13	-51.54	-71.51	1.58	10.70	V
	2464	-59.25	-13	-46.25	-67.50	2.10	12.50	V
	3288	-60.20	-13	-47.20	-69.09	2.86	13.90	V
Middle	1656	-62.18	-13	-49.18	-69.15	1.58	10.70	H
	2480	-61.55	-13	-48.55	-69.80	2.102	12.50	H
	3312	-60.57	-13	-47.57	-69.46	2.856	13.90	H
	1656	-62.37	-13	-49.37	-69.34	1.58	10.70	V
	2480	-59.14	-13	-46.14	-67.39	2.10	12.50	V
	3312	-60.56	-13	-47.56	-69.45	2.86	13.90	V
Highest	1664	-62.67	-13	-49.67	-69.64	1.58	10.70	H
	2496	-61.28	-13	-48.28	-69.53	2.102	12.50	H
	3328	-60.69	-13	-47.69	-69.58	2.856	13.90	H
	1664	-63.47	-13	-50.47	-70.44	1.58	10.70	V
	2496	-59.15	-13	-46.15	-67.40	2.10	12.50	V
	3328	-60.83	-13	-47.83	-69.72	2.86	13.90	V

n66 SA / NR 40MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3435	-46.68	-13	-33.68	-57.42	2.604	13.34	H
	5130	-54.99	-13	-41.99	-65.50	3.011	13.52	H
	6855	-55.50	-13	-42.50	-65.70	3.271	13.47	H
	3435	-57.66	-13	-44.66	-68.40	2.604	13.34	V
	5130	-55.03	-13	-42.03	-65.54	3.011	13.52	V
	6855	-55.14	-13	-42.14	-65.34	3.271	13.47	V
Middle	3450	-57.57	-13	-44.57	-68.31	2.604	13.34	H
	5175	-55.72	-13	-42.72	-66.23	3.011	13.52	H
	6915	-55.13	-13	-42.13	-65.33	3.271	13.47	H
	3450	-57.71	-13	-44.71	-68.45	2.604	13.34	V
	5175	-55.83	-13	-42.83	-66.34	3.011	13.52	V
	6915	-55.51	-13	-42.51	-65.71	3.271	13.47	V
Highest	3480	-58.79	-13	-45.79	-69.53	2.604	13.34	H
	5220	-55.13	-13	-42.13	-65.64	3.011	13.52	H
	6975	-55.67	-13	-42.67	-65.87	3.271	13.47	H
	3480	-59.28	-13	-46.28	-70.02	2.604	13.34	V
	5220	-55.68	-13	-42.68	-66.19	3.011	13.52	V
	6975	-55.65	-13	-42.65	-65.85	3.271	13.47	V

EN-DC_48A_n66A / LTE 10MHz + NR 40MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3435	-57.48	-13	-44.48	-68.22	2.604	13.34	H
	5130	-55.27	-13	-42.27	-65.78	3.011	13.52	H
	6855	-55.28	-13	-42.28	-65.48	3.271	13.47	H
	3435	-35.06	-13	-22.06	-45.80	2.604	13.34	V
	5130	-55.65	-13	-42.65	-66.16	3.011	13.52	V
	6855	-54.92	-13	-41.92	-65.12	3.271	13.47	V
Middle	3450	-57.53	-13	-44.53	-68.27	2.604	13.34	H
	5175	-55.97	-13	-42.97	-66.48	3.011	13.52	H
	6915	-55.60	-13	-42.60	-65.80	3.271	13.47	H
	3450	-56.97	-13	-43.97	-67.71	2.604	13.34	V
	5175	-55.97	-13	-42.97	-66.48	3.011	13.52	V
	6915	-55.60	-13	-42.60	-65.80	3.271	13.47	V
Highest	3480	-57.56	-13	-44.56	-68.30	2.604	13.34	H
	5220	-56.01	-13	-43.01	-66.52	3.011	13.52	H
	6975	-55.55	-13	-42.55	-65.75	3.271	13.47	H
	3480	-55.32	-13	-42.32	-66.06	2.604	13.34	V
	5220	-55.87	-13	-42.87	-66.38	3.011	13.52	V
	6975	-55.60	-13	-42.60	-65.80	3.271	13.47	V

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