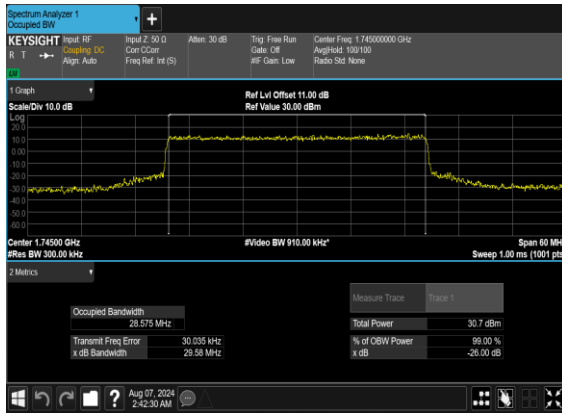
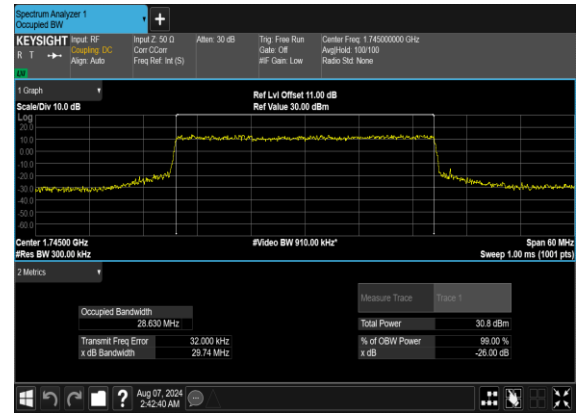




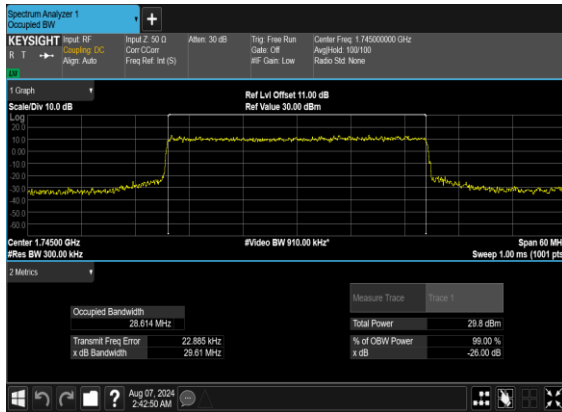
N66(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



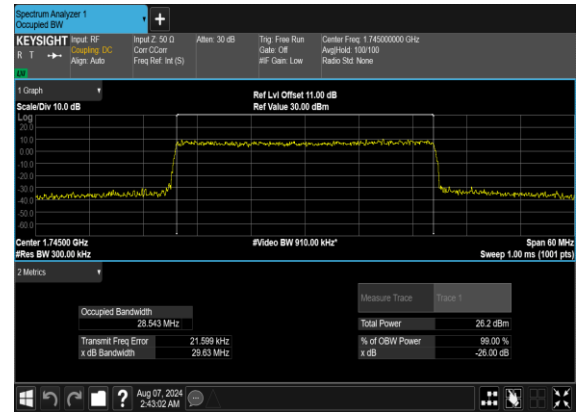
N66(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

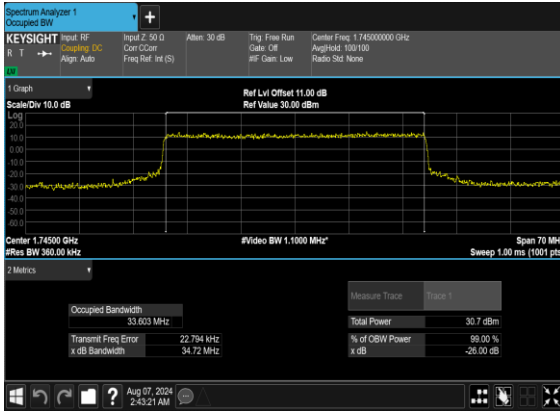


N66(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

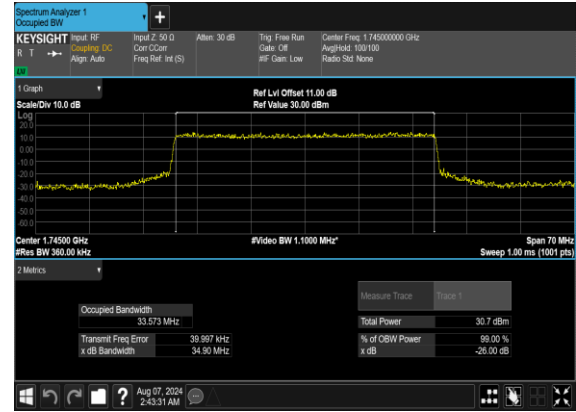




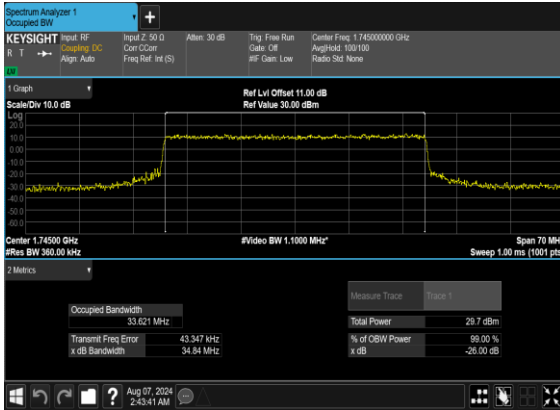
N66(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



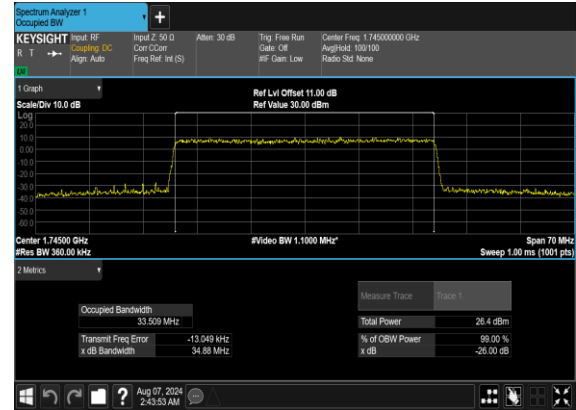
N66(35M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N66(35M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

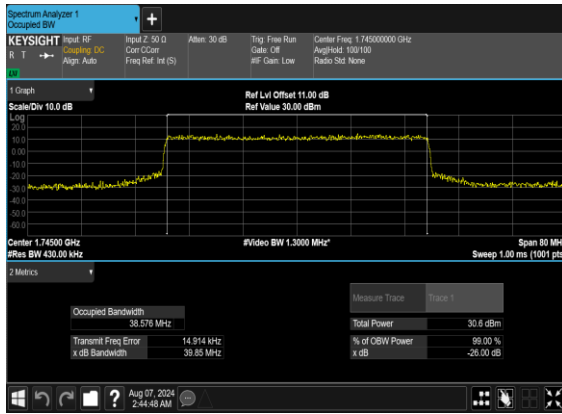


N66(35M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

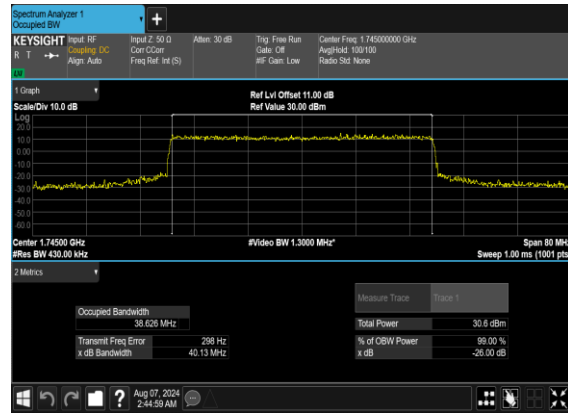




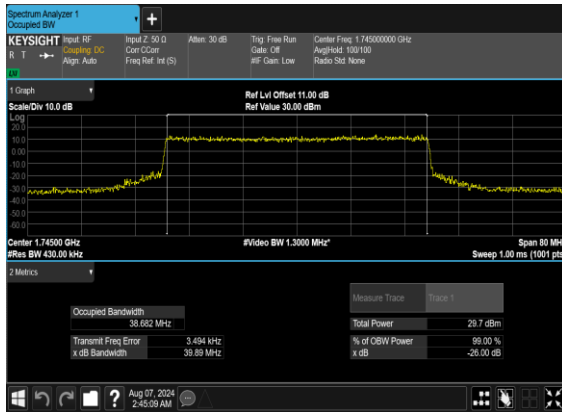
N66(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



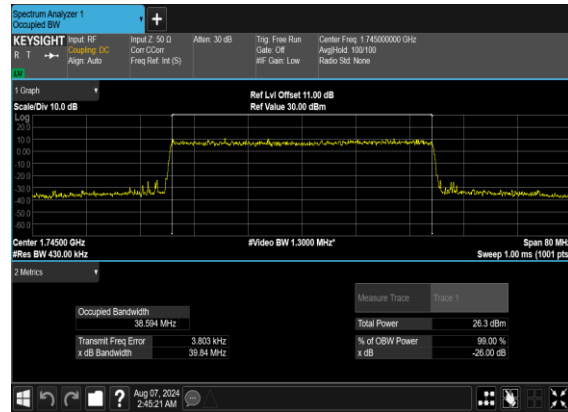
N66(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

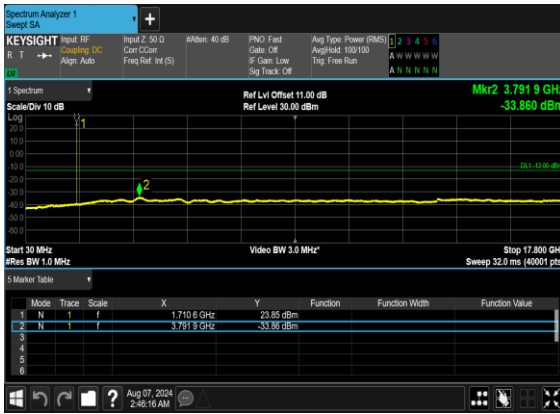
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph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



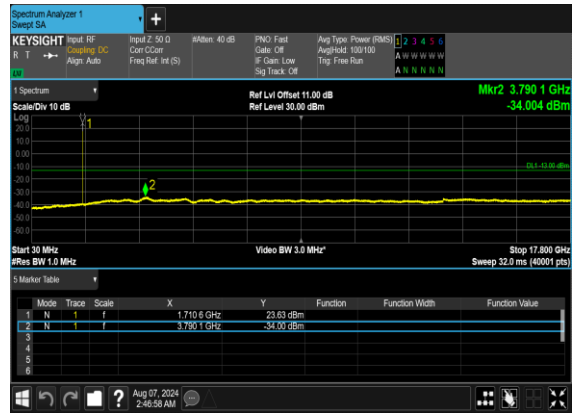
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	346000	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



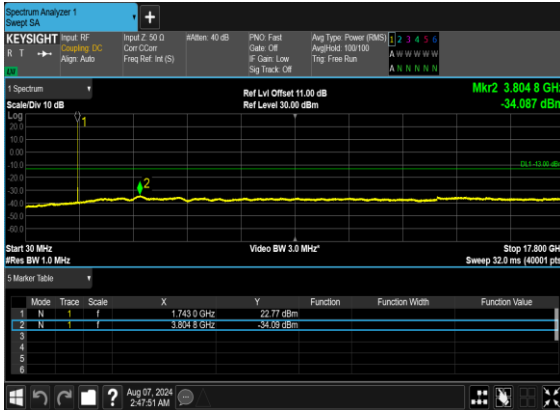
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



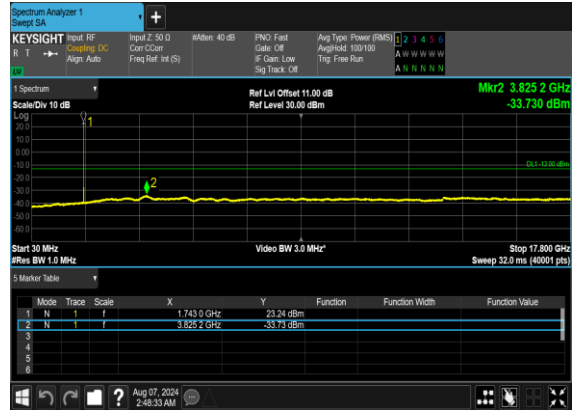
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

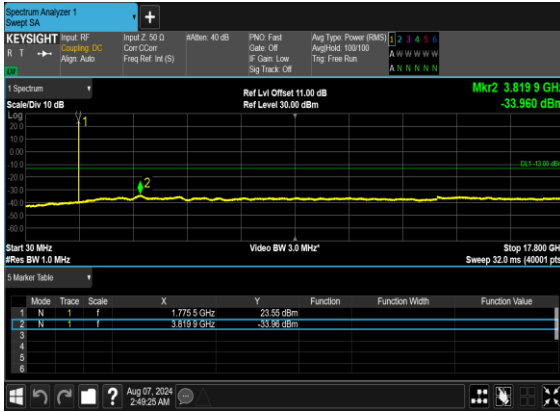


N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

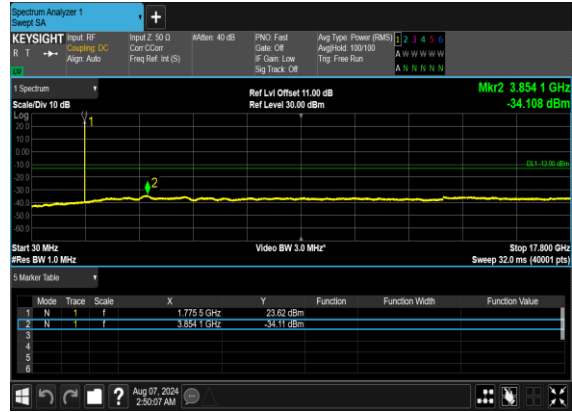




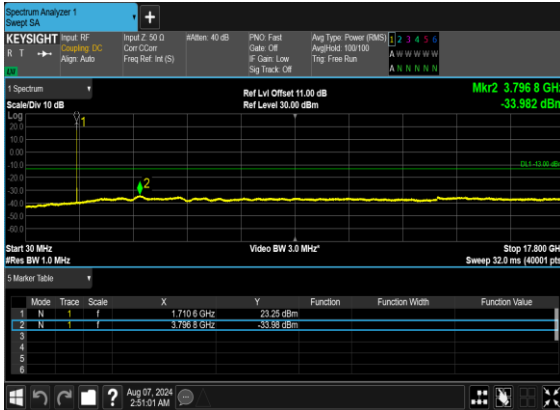
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



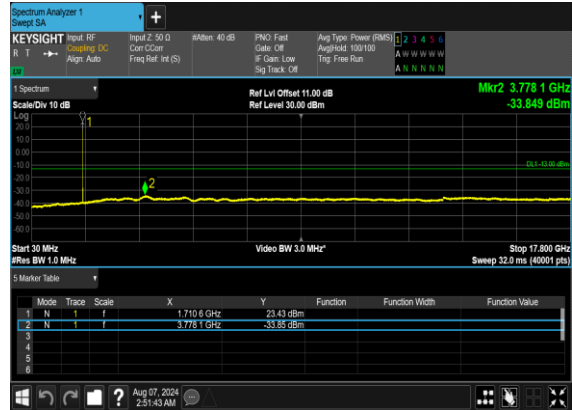
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

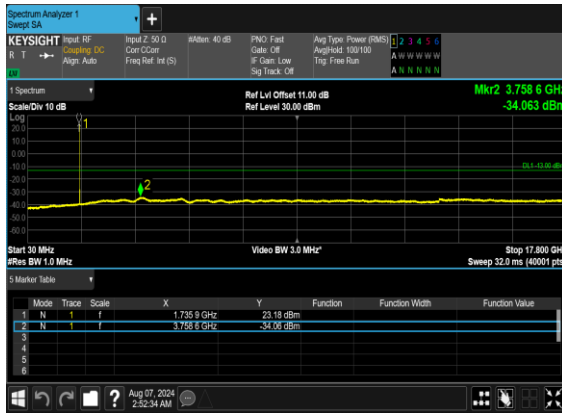


N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

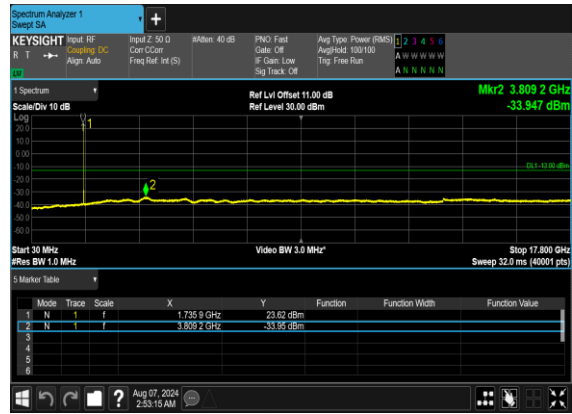




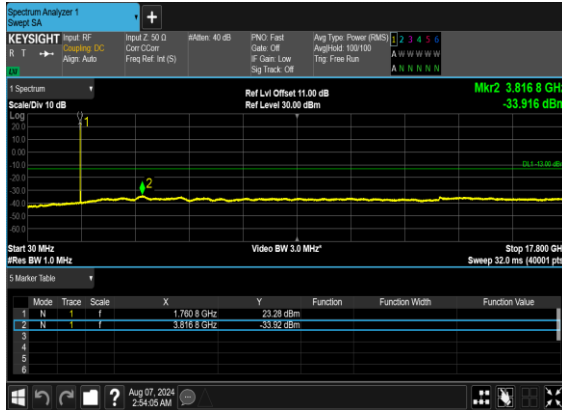
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



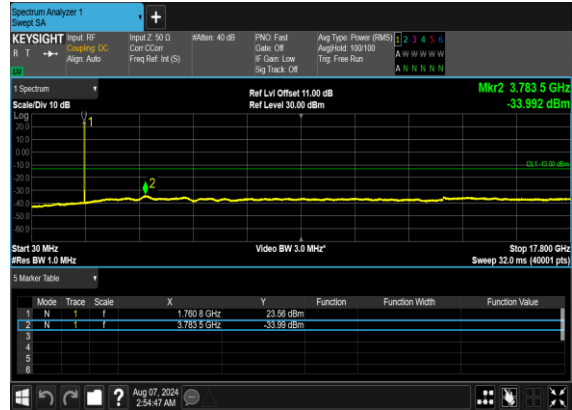
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

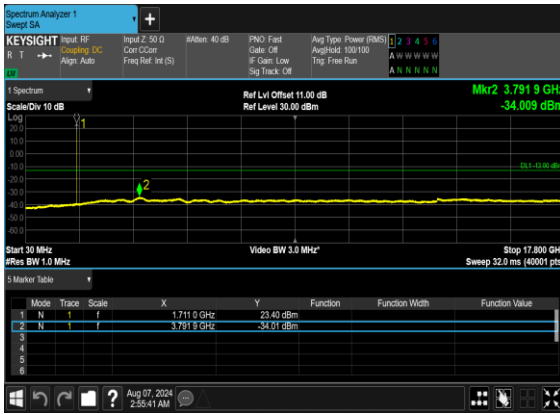


N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

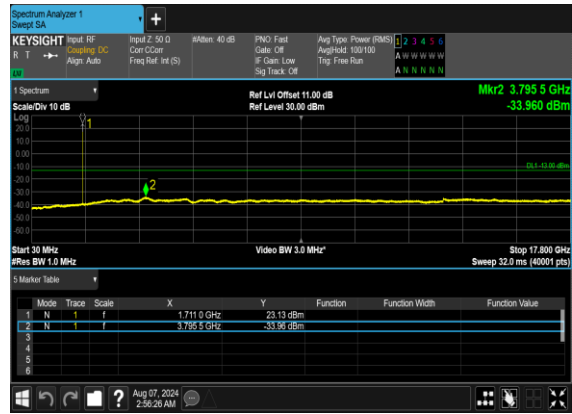




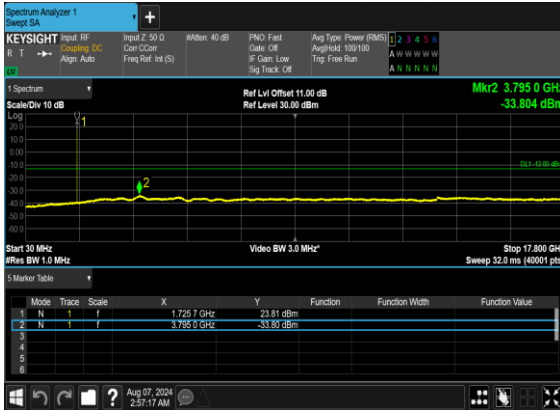
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



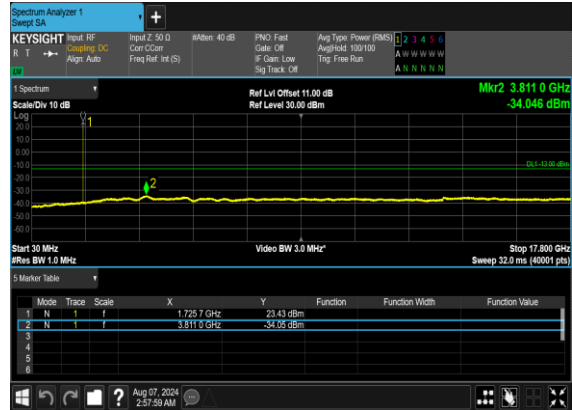
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

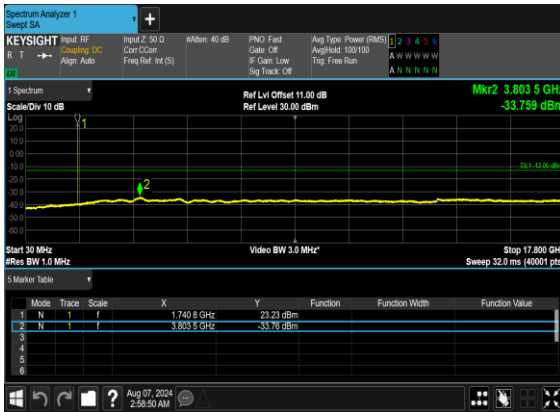


N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

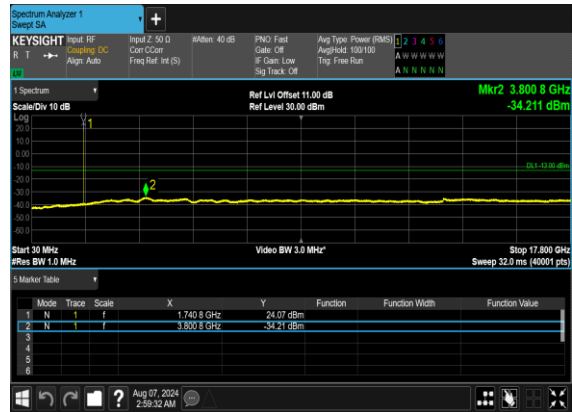




N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



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	100@0	see graph	PASS



QPSK									
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



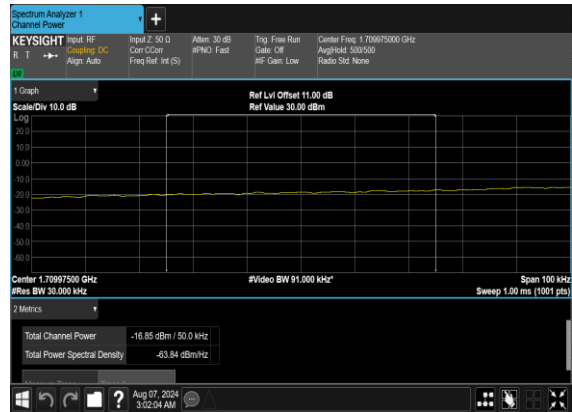
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

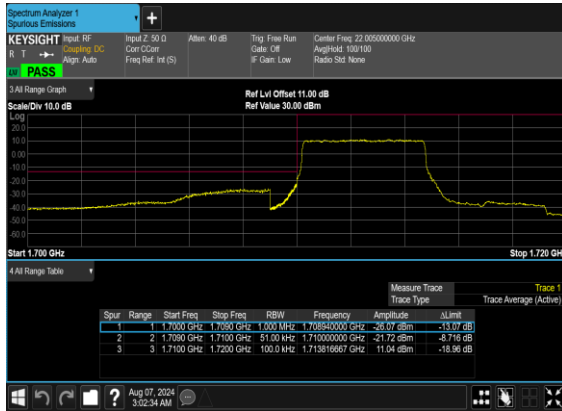


N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS

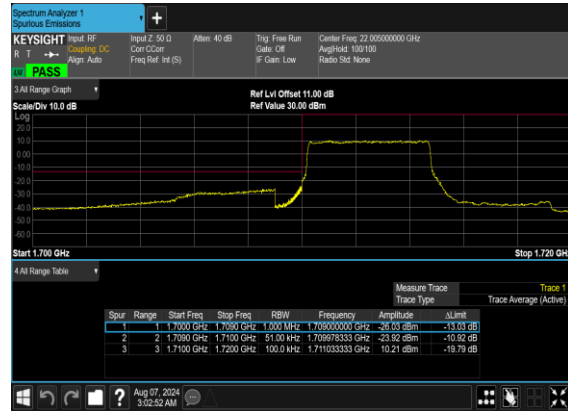




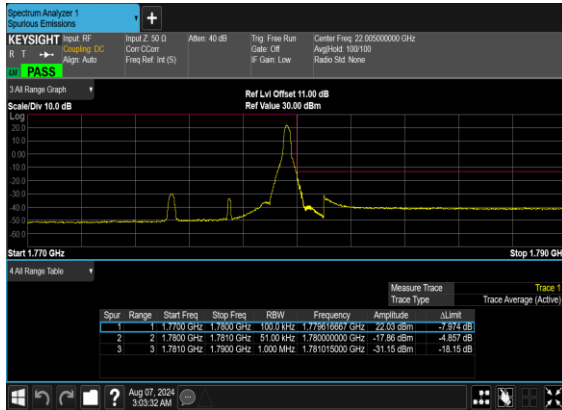
N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



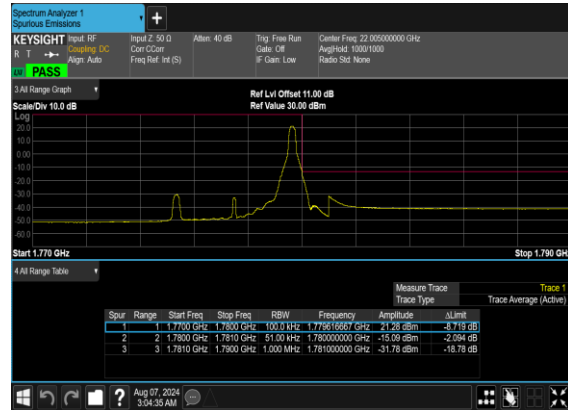
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

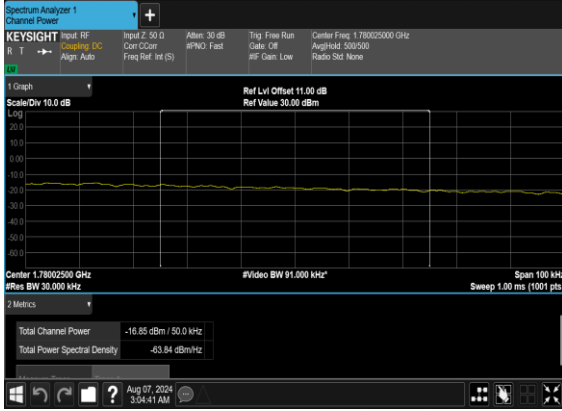


N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

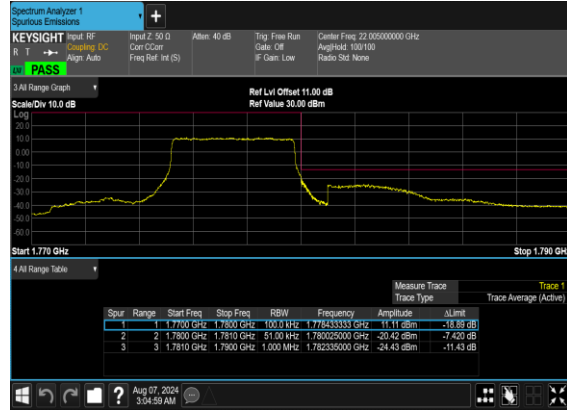




N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH CH P_PASS

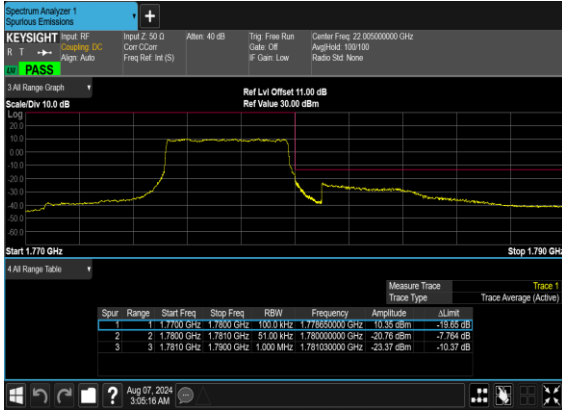


N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



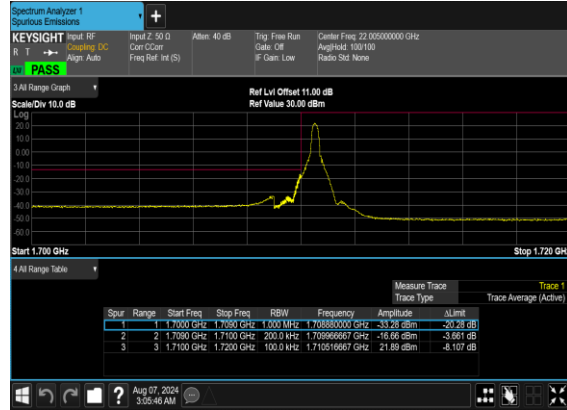
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	1.7700 GHz	1.7800 GHz	100.0 kHz	1.776433333 GHz	-11.11 dBm	-18.88 dB
2	2	1.7800 GHz	1.7810 GHz	51.00 kHz	1.780250000 GHz	-20.42 dBm	-7.420 dB
3	3	1.7810 GHz	1.7900 GHz	1.000 MHz	1.782335000 GHz	-24.43 dBm	-11.43 dB

N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	1.7700 GHz	1.7800 GHz	100.0 kHz	1.776500000 GHz	-19.55 dBm	-19.55 dB
2	2	1.7800 GHz	1.7810 GHz	51.00 kHz	1.780000000 GHz	-20.79 dBm	-7.84 dB
3	3	1.7810 GHz	1.7900 GHz	1.000 MHz	1.781000000 GHz	-23.37 dBm	-10.37 dB

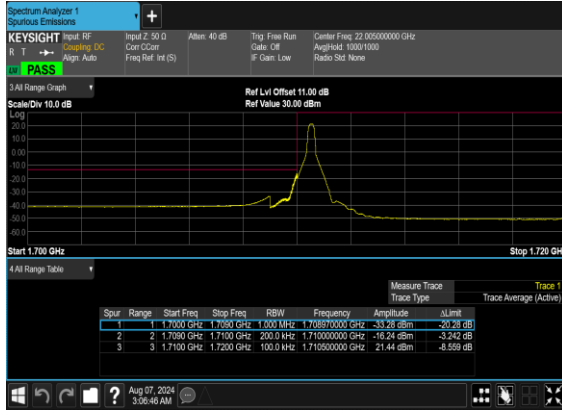
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	1.7000 GHz	1.7100 GHz	1.000 MHz	1.708800000 GHz	-23.23 dBm	-20.26 dB
2	2	1.7090 GHz	1.7100 GHz	200.0 kHz	1.709966667 GHz	-16.66 dBm	-3.661 dB
3	3	1.7100 GHz	1.7200 GHz	100.0 kHz	1.710516667 GHz	-21.89 dBm	-8.107 dB



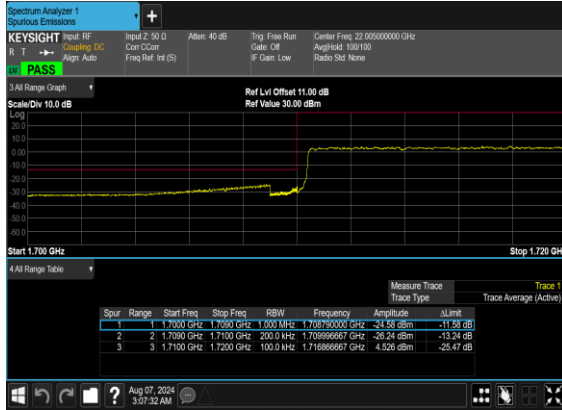
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



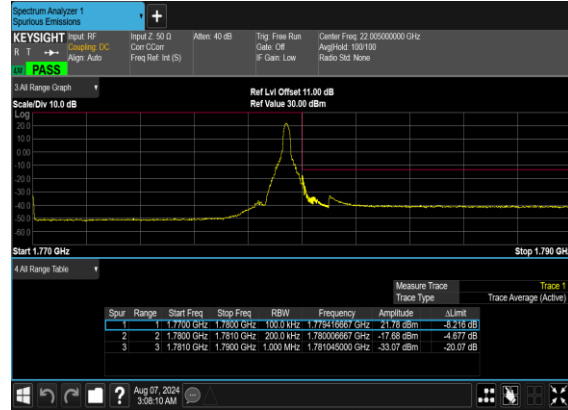
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

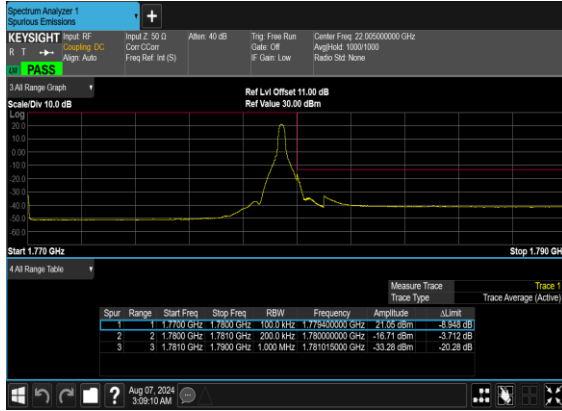


N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH





N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



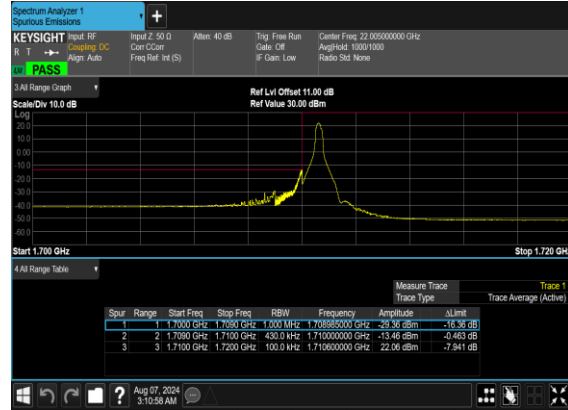
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

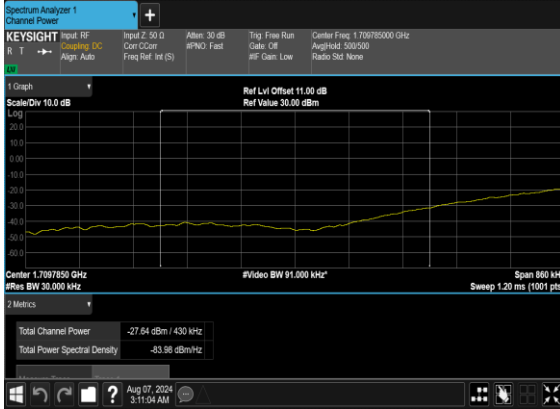


N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

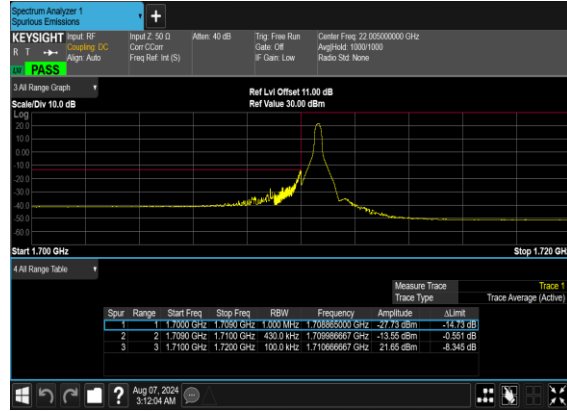




N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS

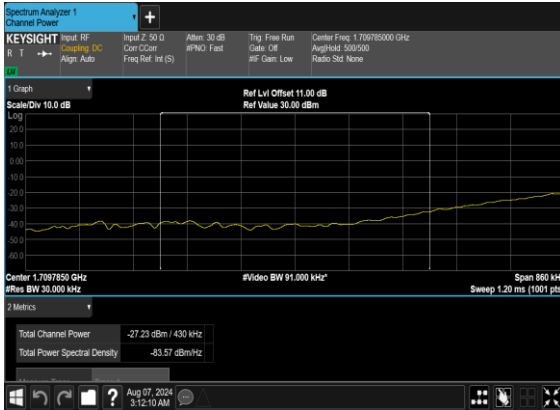


N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

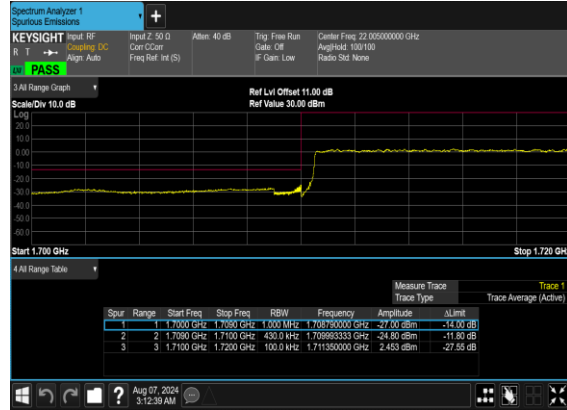


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	1.7000 GHz	1.7000 GHz	1.000 MHz	1.709850000 GHz	-27.73 dBm	-14.73 dB
2	2	1.7090 GHz	1.7100 GHz	430.0 kHz	1.709966667 GHz	-13.55 dBm	-0.551 dB
3	3	1.7100 GHz	1.7200 GHz	100.0 kHz	1.710666667 GHz	-21.65 dBm	-8.345 dB

N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



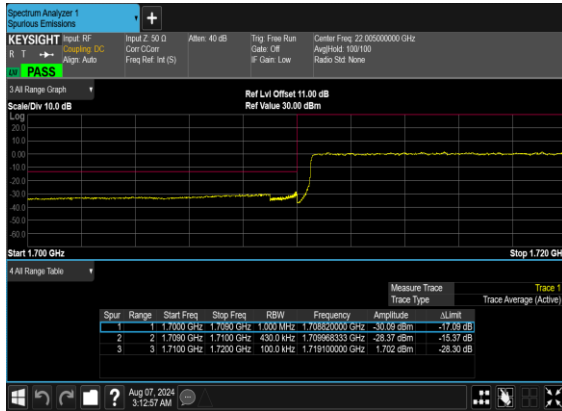
N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



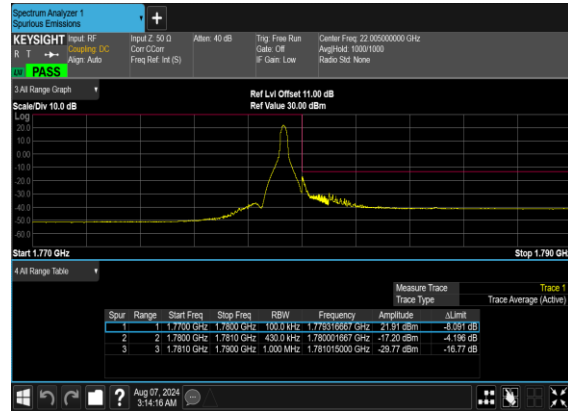
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	1.7000 GHz	1.7000 GHz	1.000 MHz	1.709700000 GHz	-27.50 dBm	-14.80 dB
2	2	1.7090 GHz	1.7100 GHz	430.0 kHz	1.709983333 GHz	-24.80 dBm	-11.80 dB
3	3	1.7100 GHz	1.7200 GHz	100.0 kHz	1.711350000 GHz	-2.453 dBm	-27.55 dB



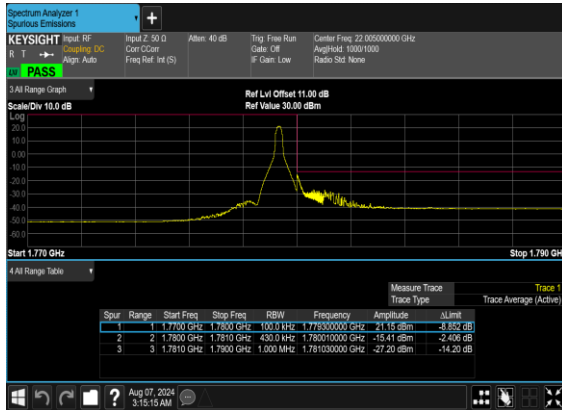
N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



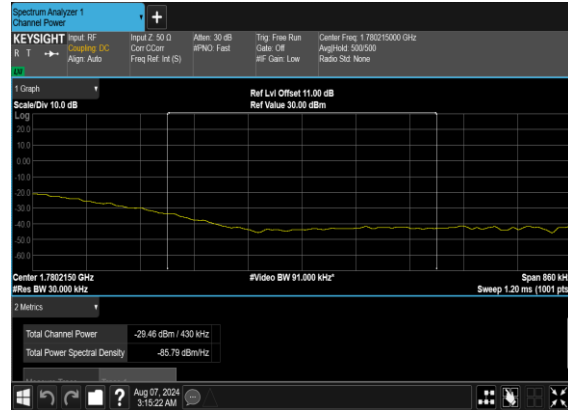
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_ch P_PASS





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 MIMO-ANT(1+8)

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=0.03dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT1 Power(dBm)	ANT8 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	23.73	23.72	26.74	26.77	0.4753
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	22.85	22.88	25.88	25.91	0.3899
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	23.61	23.89	26.76	26.79	0.4775
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.74	23.04	25.90	25.93	0.3917
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	23.8	23.73	26.78	26.81	0.4797
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	22.86	23	25.94	25.97	0.3954
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	23.89	23.9	26.91	26.94	0.4943
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	22.98	23.02	26.01	26.04	0.4018
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	23.71	24.04	26.89	26.92	0.4920
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.3	23.06	25.71	25.74	0.3750
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	23.72	24.02	26.88	26.91	0.4909
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	22.81	22.97	25.90	25.93	0.3917
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	23.83	23.94	26.90	26.93	0.4932
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	23.03	23.01	26.03	26.06	0.4036
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	23.61	23.96	26.80	26.83	0.4819
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.77	18	23.29	23.32	0.2148
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	23.6	23.78	26.70	26.73	0.4710
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	22.79	22.9	25.86	25.89	0.3882



66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	23.9	24.01	26.97	27	0.5012
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	22.95	23.01	25.99	26.02	0.3999
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	23.85	24	26.94	26.97	0.4977
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.87	23.15	26.02	26.05	0.4027
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	23.92	23.82	26.88	26.91	0.4909
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	22.92	22.95	25.95	25.98	0.3963
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@1	23.84	23.97	26.92	26.95	0.4955
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@1	23.11	23.25	26.19	26.22	0.4188
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@1	23.86	24.06	26.97	27	0.5012
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.11	23.21	26.17	26.2	0.4169
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@1	23.68	23.82	26.76	26.79	0.4775
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@1	22.97	22.98	25.99	26.02	0.3999
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	23.97	24.04	27.02	27.05	0.5070
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	22.91	23.09	26.01	26.04	0.4018
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	24.02	24.2	27.12	27.15	0.5188
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.92	23.23	26.09	26.12	0.4093
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	23.9	23.95	26.94	26.97	0.4977
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	15.88	22.93	23.71	23.74	0.2366
66	15	35	345500	1727.5	DFT-s-OFDM QPSK	1@1	23.82	23.95	26.90	26.93	0.4932
66	15	35	345500	1727.5	DFT-s-OFDM 16 QAM	1@1	21.4	23.09	25.34	25.37	0.3443
66	15	35	349000	1745	DFT-s-OFDM QPSK	1@1	23.83	24.13	26.99	27.02	0.5035
66	15	35	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.92	23.31	26.13	26.16	0.4130



66	15	35	352500	1762.5	DFT-s-OFDM QPSK	1@1	23.65	23.84	26.76	26.79	0.4775
66	15	35	352500	1762.5	DFT-s-OFDM 16 QAM	1@1	22.72	23.1	25.92	25.95	0.3936
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	108@54	24.31	24.48	27.41	27.44	0.5546
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@1	24.24	24.37	27.32	27.35	0.5433
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@214	24.09	24.2	27.16	27.19	0.5236
66	15	40	346000	1730	DFT-s-OFDM QPSK	108@54	23.71	23.9	26.82	26.85	0.4842
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	23.81	23.84	26.84	26.87	0.4864
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@214	23.75	23.77	26.77	26.8	0.4786
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	108@54	22.68	22.91	25.81	25.84	0.3837
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	22.89	22.93	25.92	25.95	0.3936
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@214	22.82	22.83	25.84	25.87	0.3864
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	108@54	21.25	21.5	24.39	24.42	0.2767
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@1	21.38	21.5	24.45	24.48	0.2805
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@214	21.3	21.41	24.37	24.4	0.2754
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	108@54	18.64	18.93	21.80	21.83	0.1524
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@1	18.69	18.92	21.82	21.85	0.1531
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@214	18.16	16.08	20.25	20.28	0.1067
66	15	40	346000	1730	CP-OFDM QPSK	108@54	22.14	22.38	25.27	25.3	0.3388
66	15	40	346000	1730	CP-OFDM QPSK	1@1	22.49	22.67	25.59	25.62	0.3648
66	15	40	346000	1730	CP-OFDM QPSK	1@214	21.99	22.22	25.12	25.15	0.3273
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	108@54	24.21	24.5	27.37	27.4	0.5495
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	24.1	24.49	27.31	27.34	0.5420
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@214	24.21	24.34	27.29	27.32	0.5395



66	15	40	349000	1745	DFT-s-OFDM QPSK	108@54	23.55	23.88	26.73	26.76	0.4742
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	23.72	24.11	26.93	26.96	0.4966
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@214	23.71	23.82	26.78	26.81	0.4797
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	108@54	22.57	22.94	25.77	25.8	0.3802
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.89	23.16	26.04	26.07	0.4046
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@214	22.74	23.07	25.92	25.95	0.3936
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	108@54	21.15	21.45	24.31	24.34	0.2716
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@1	21.47	21.61	24.55	24.58	0.2871
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@214	21.34	21.61	24.49	24.52	0.2831
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	108@54	18.55	19.88	22.28	22.31	0.1702
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@1	18.79	18.98	21.90	21.93	0.1560
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@214	18.36	18.33	21.36	21.39	0.1377
66	15	40	349000	1745	CP-OFDM QPSK	108@54	22.06	22.3	25.19	25.22	0.3327
66	15	40	349000	1745	CP-OFDM QPSK	1@1	22.36	22.57	25.48	25.51	0.3556
66	15	40	349000	1745	CP-OFDM QPSK	1@214	22.28	22.42	25.36	25.39	0.3459
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	108@54	24.22	24.37	27.31	27.34	0.5420
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@1	23.98	24.49	27.25	27.28	0.5346
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@214	24.05	24.37	27.22	27.25	0.5309
66	15	40	352000	1760	DFT-s-OFDM QPSK	108@54	23.59	23.76	26.69	26.72	0.4699
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	23.54	24.05	26.81	26.84	0.4831
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@214	23.71	23.65	26.69	26.72	0.4699
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	108@54	22.57	22.79	25.69	25.72	0.3733
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	22.74	23	25.88	25.91	0.3899



66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@214	23.07	22.98	26.04	26.07	0.4046
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	108@54	21.12	21.33	24.24	24.27	0.2673
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@1	21.12	21.59	24.37	24.4	0.2754
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@214	21.46	21.35	24.42	24.45	0.2786
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	108@54	18.65	18.76	21.72	21.75	0.1496
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@1	18.63	18.8	21.73	21.76	0.1500
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@214	18.3	18.34	21.33	21.36	0.1368
66	15	40	352000	1760	CP-OFDM QPSK	108@54	22.08	22.27	25.19	25.22	0.3327
66	15	40	352000	1760	CP-OFDM QPSK	1@1	22.33	22.71	25.53	25.56	0.3597
66	15	40	352000	1760	CP-OFDM QPSK	1@214	22.1	22.13	25.13	25.16	0.3281



FR1 N66 MIMO-ANT(1+8)_ANT1

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	0.0052	PASS	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0039	PASS	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0028	PASS	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0027	PASS	-30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0060	PASS	-20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0039	PASS	-10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0024	PASS	0°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0066	PASS	10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0052	PASS	20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0052	PASS	30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0063	PASS	40°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0027	PASS	50°C



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	3.99	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	4.81	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

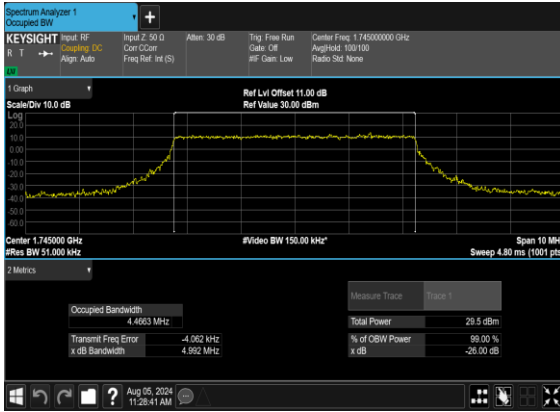
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4663	4.992
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4908	5.129
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.459	5.066
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4688	4.939
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2737	9.983
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2895	9.844
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2694	9.798
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.286	9.946
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.105	14.82
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.116	14.89
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.11	14.93
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.077	14.93
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.896	19.82
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.899	19.74
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.904	19.71
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.909	19.91
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.765	24.74
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.778	24.83
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.761	24.8
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.782	24.78
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.616	29.79
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.578	29.6



66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.476	29.58
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.569	29.6
66	15	35	349000	1745.0	CP-OFDM QPSK	188@0	33.568	34.66
66	15	35	349000	1745.0	CP-OFDM 16 QAM	188@0	33.556	34.78
66	15	35	349000	1745.0	CP-OFDM 64 QAM	188@0	33.573	34.81
66	15	35	349000	1745.0	CP-OFDM 256 QAM	188@0	33.546	34.74
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.657	39.93
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.626	39.86
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.593	39.83
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.564	39.92



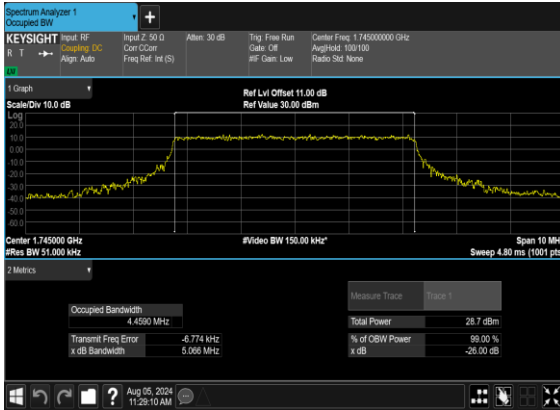
N66(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N66(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N66(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

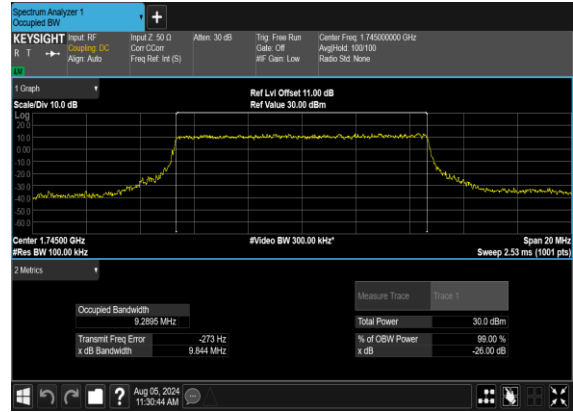




N66(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



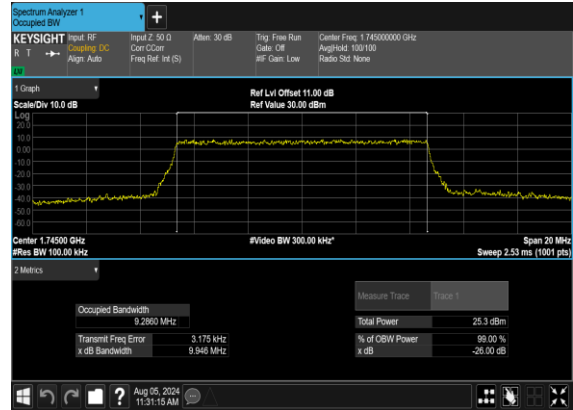
N66(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N66(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





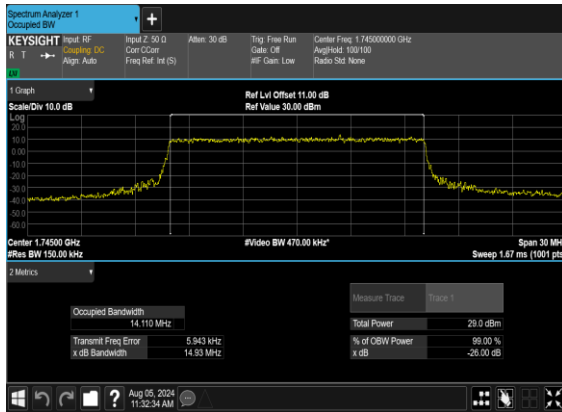
N66(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



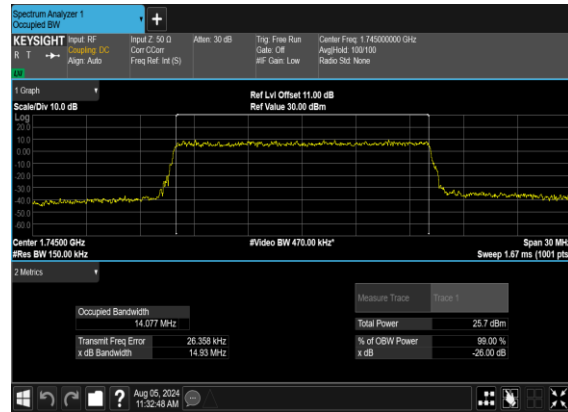
N66(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N66(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





N66(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



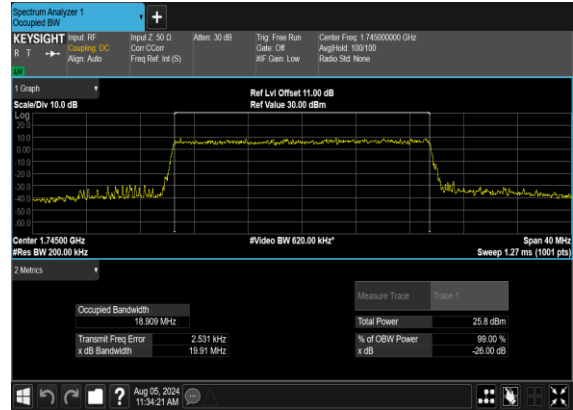
N66(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

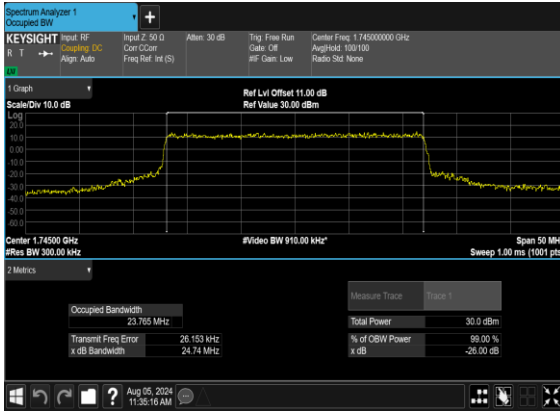


N66(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





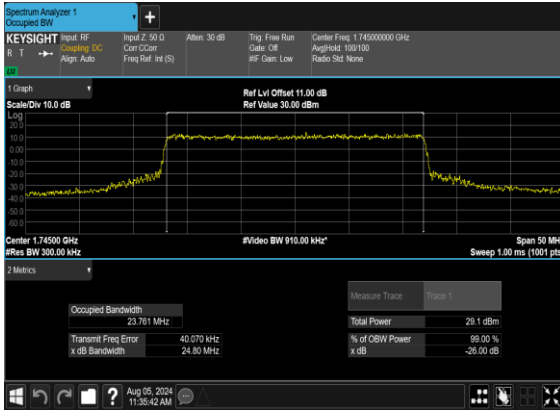
N66(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



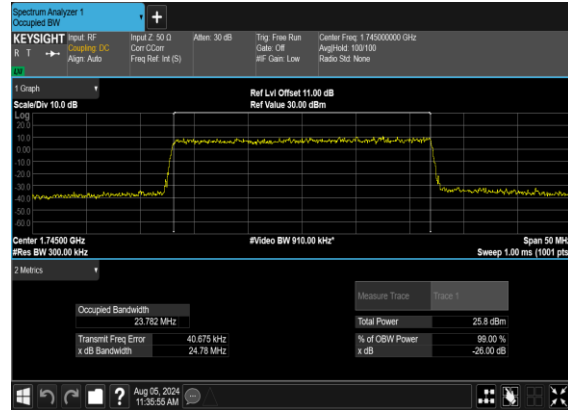
N66(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(25M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

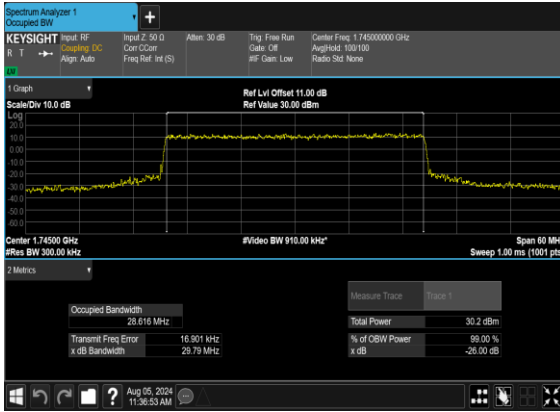


N66(25M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





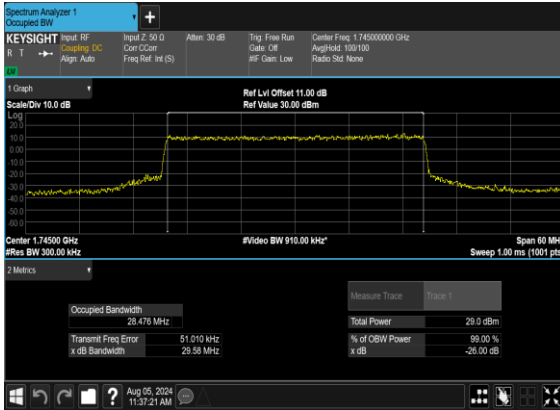
N66(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



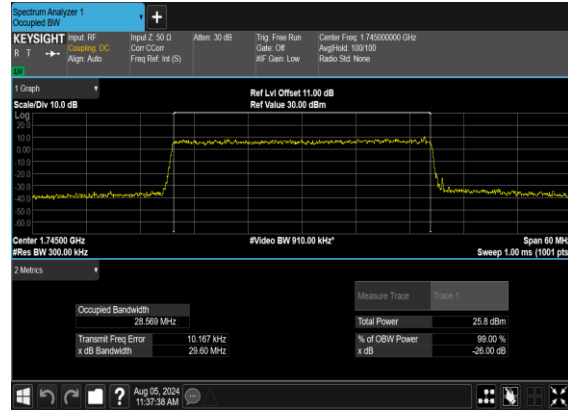
N66(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

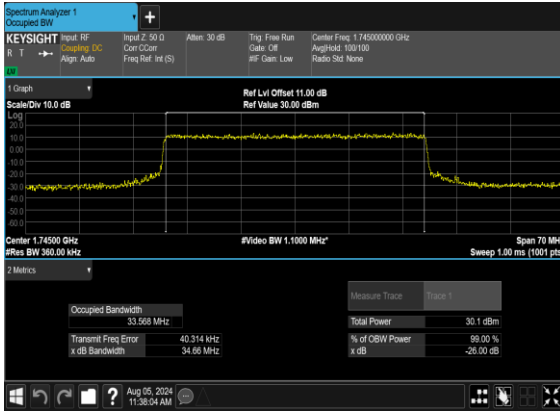


N66(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





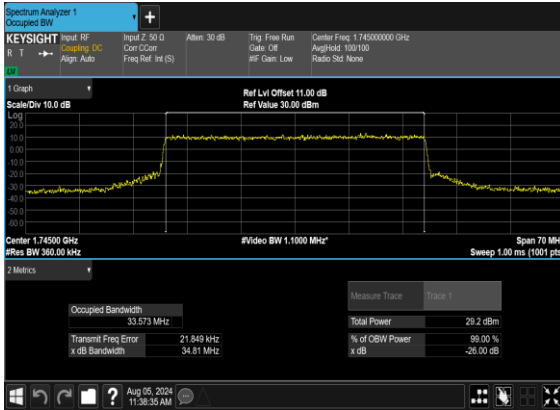
N66(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



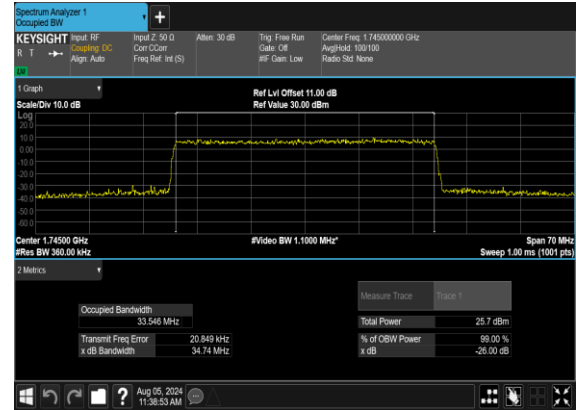
N66(35M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N66(35M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

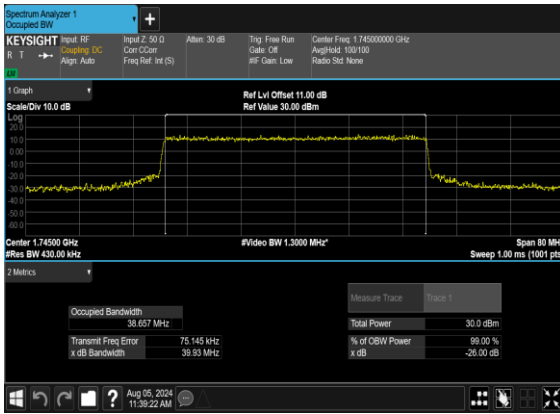


N66(35M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

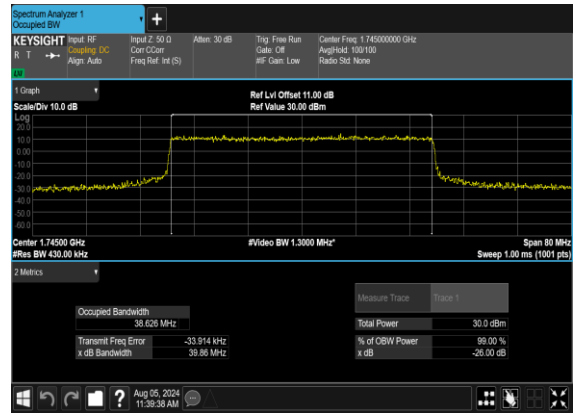




N66(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

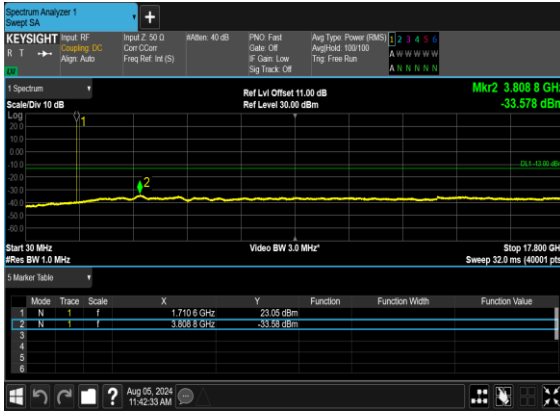
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph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



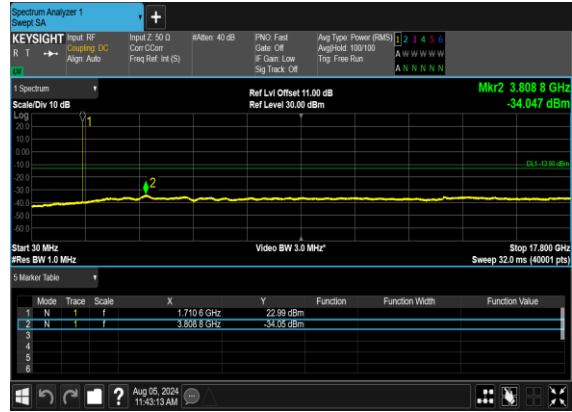
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	346000	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



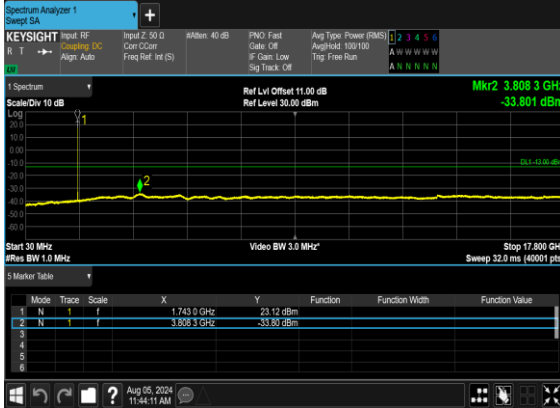
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



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

