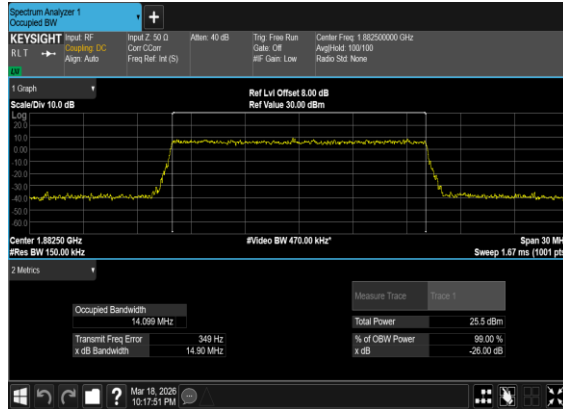
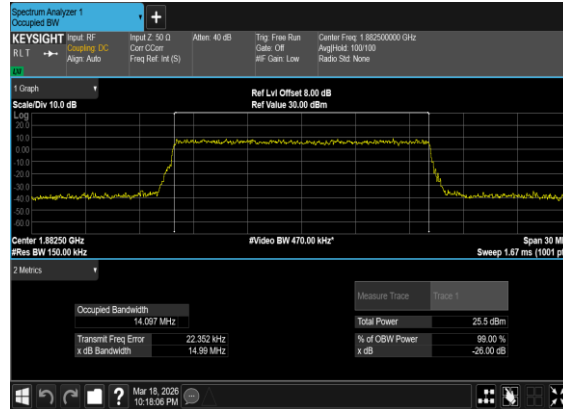




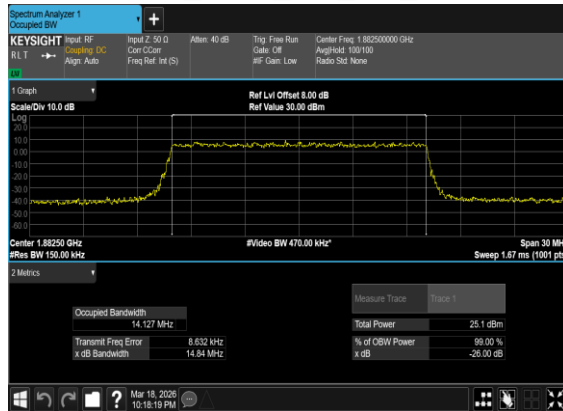
N25(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



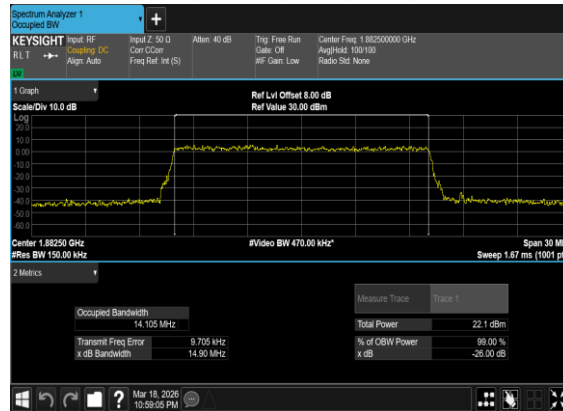
N25(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N25(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

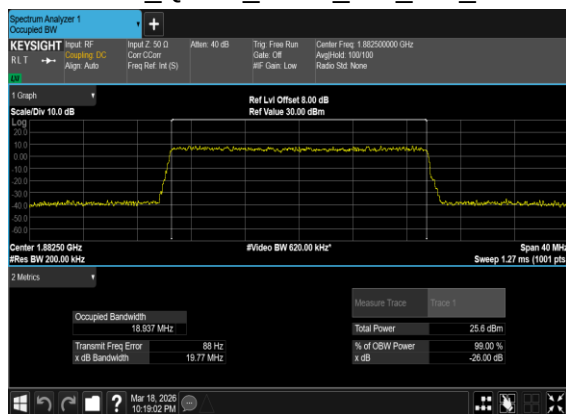


N25(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

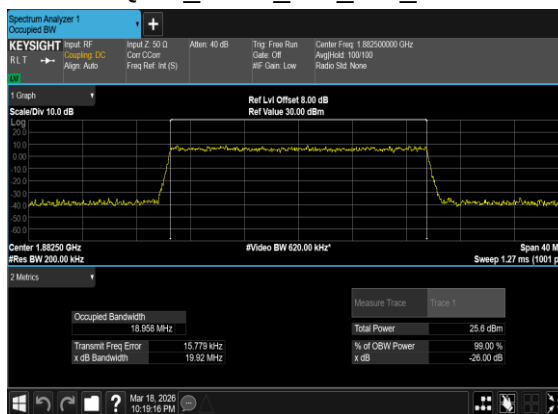




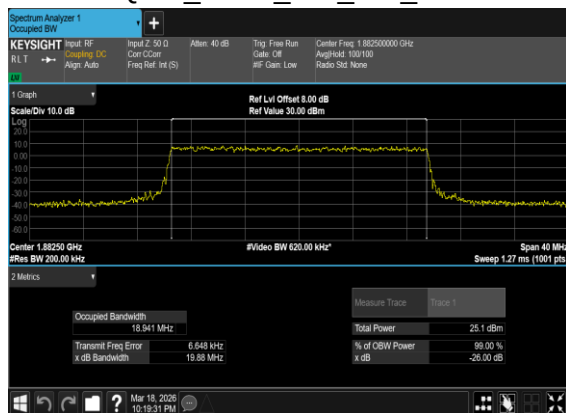
N25(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



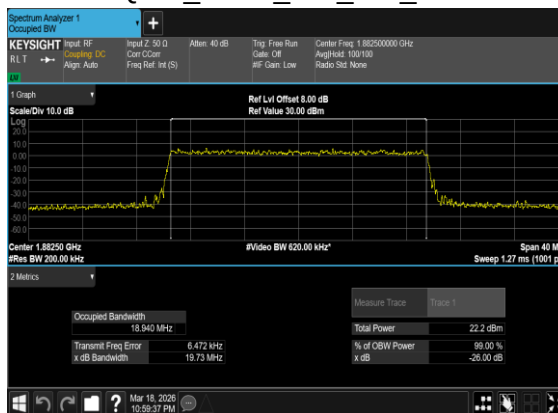
N25(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N25(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

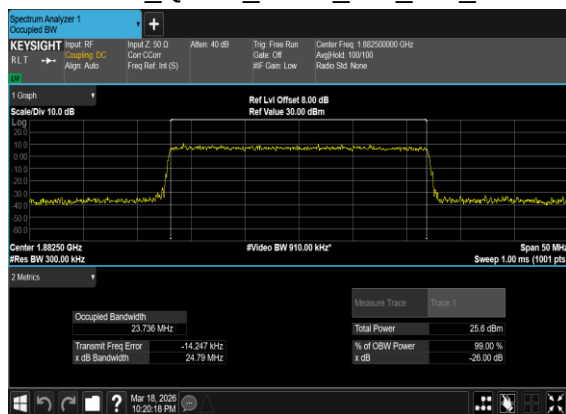


N25(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

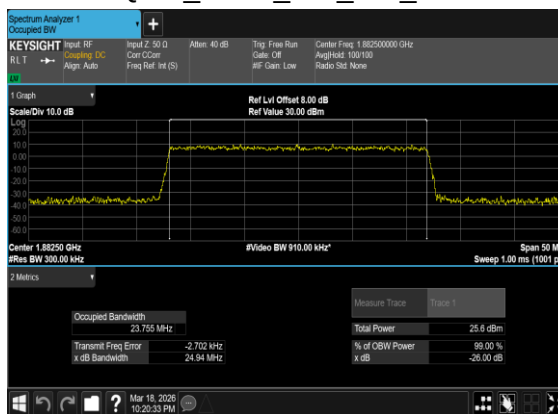




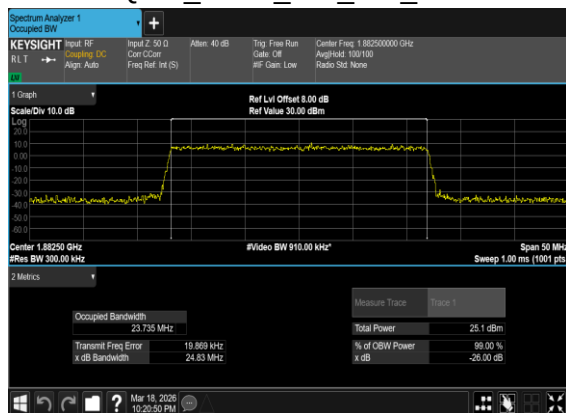
N25(25M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



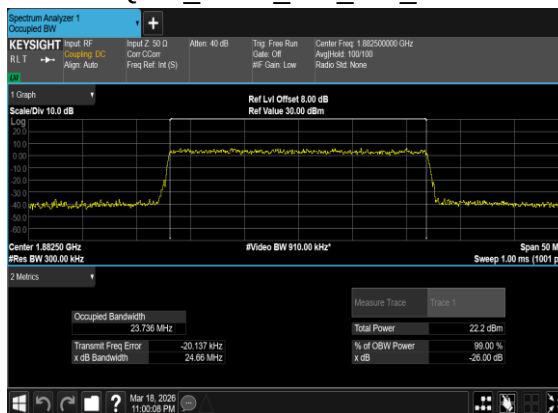
N25(25M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N25(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

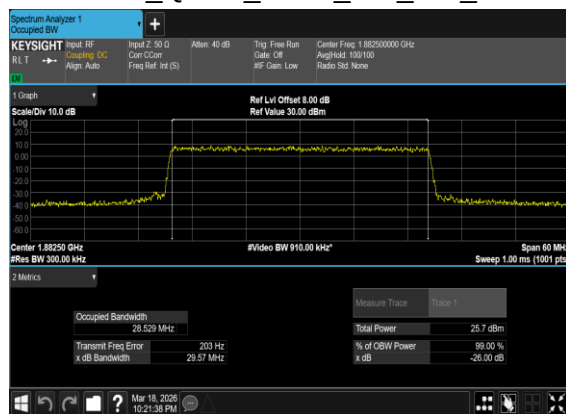


N25(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

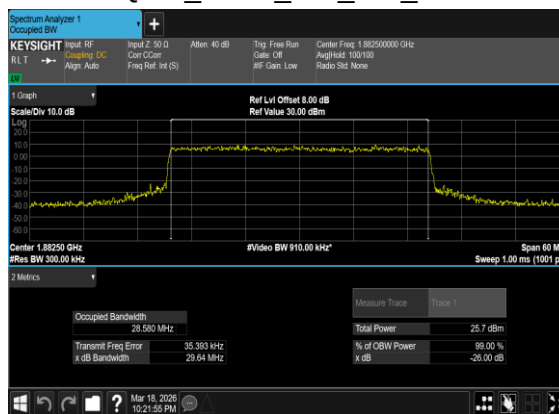




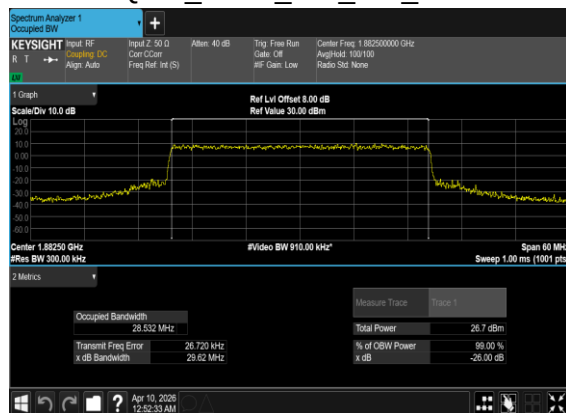
N25(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



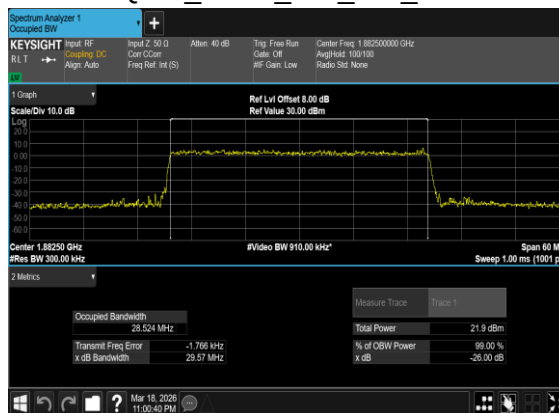
N25(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N25(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N25(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

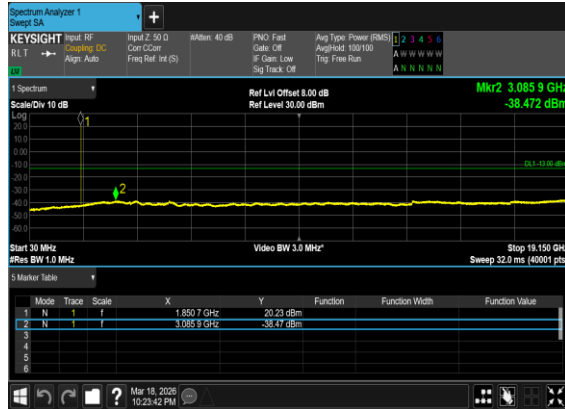
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	15	371500	1857.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	15	371500	1857.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	15	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	15	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS



25	15	15	381500	1907.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	15	381500	1907.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	30	373000	1865.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	30	373000	1865.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	30	373000	1865.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	30	373000	1865.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	30	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	30	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	30	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	30	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	30	380000	1900.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	30	380000	1900.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	30	380000	1900.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	30	380000	1900.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



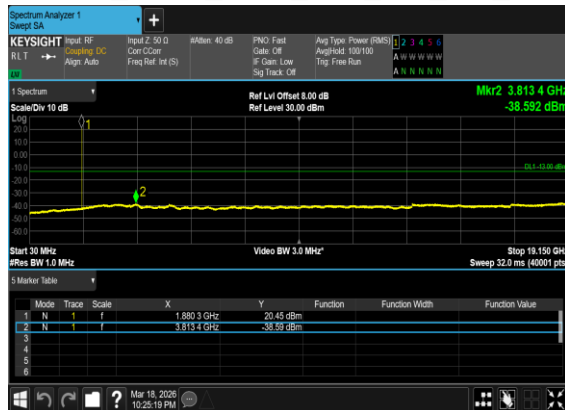
N25(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



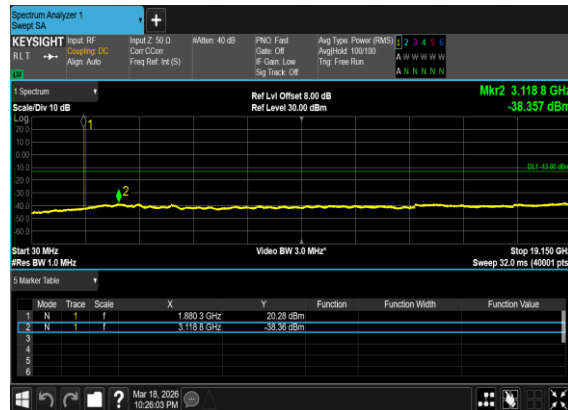
N25(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

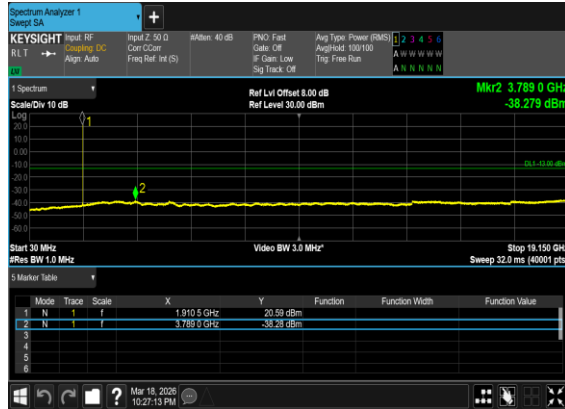


N25(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

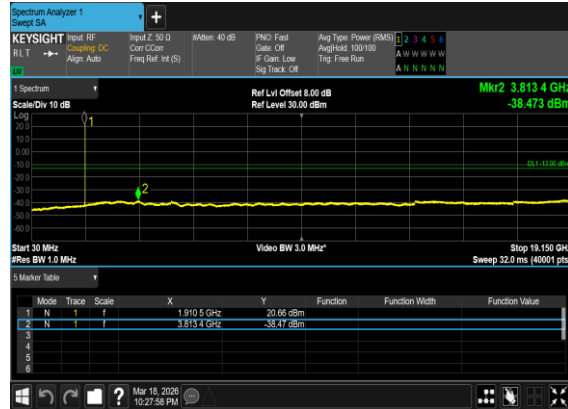




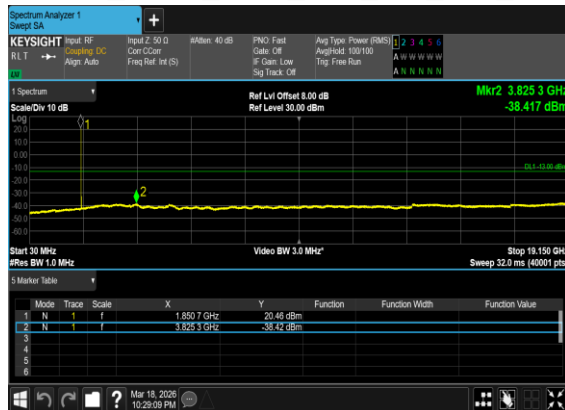
N25(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



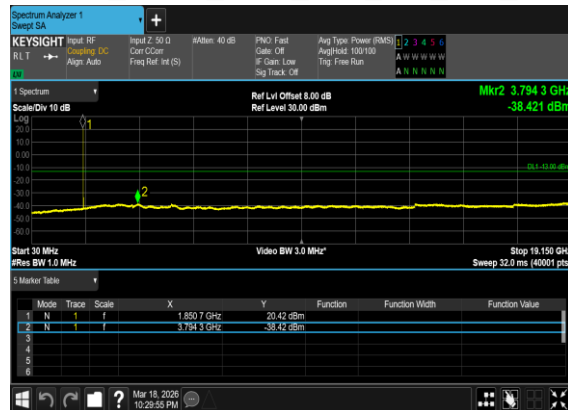
N25(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N25(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

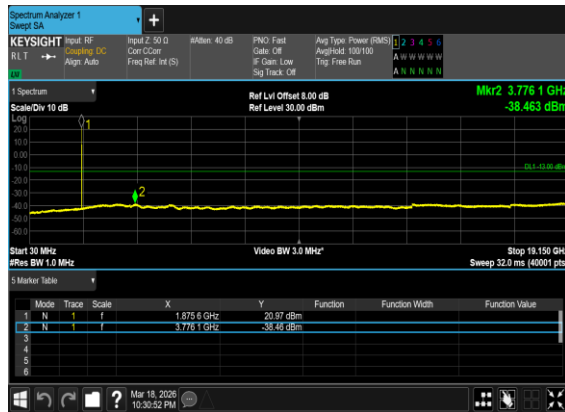


N25(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

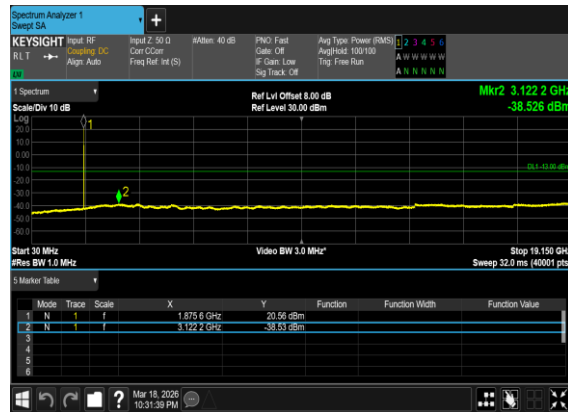




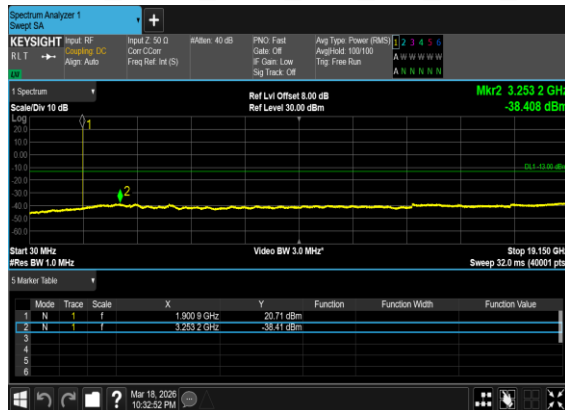
N25(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



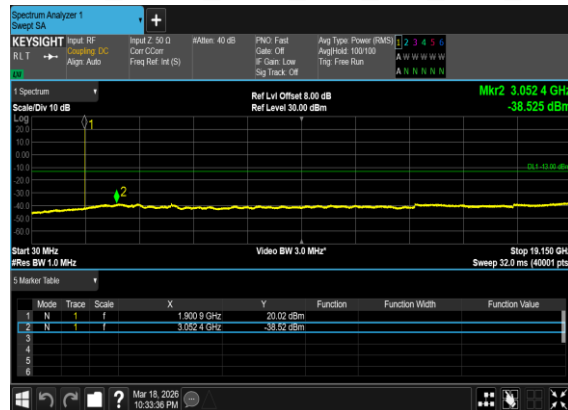
N25(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N25(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

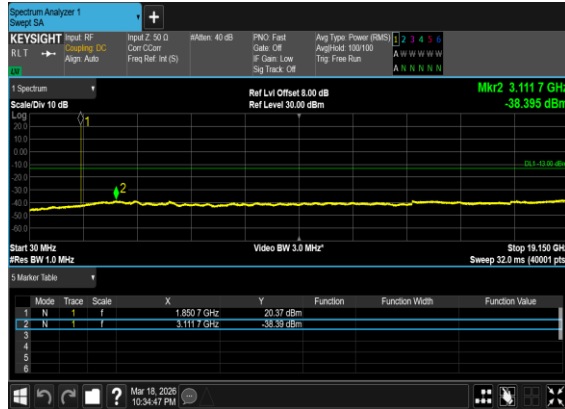


N25(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

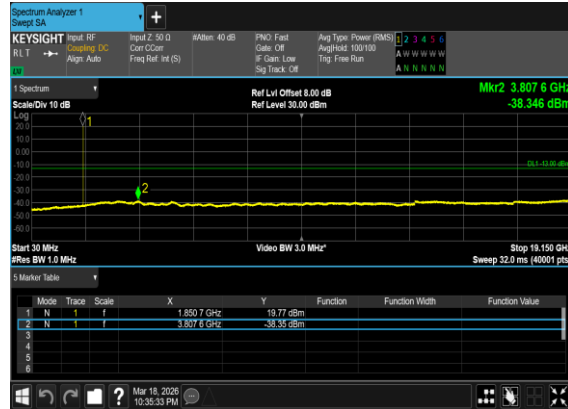




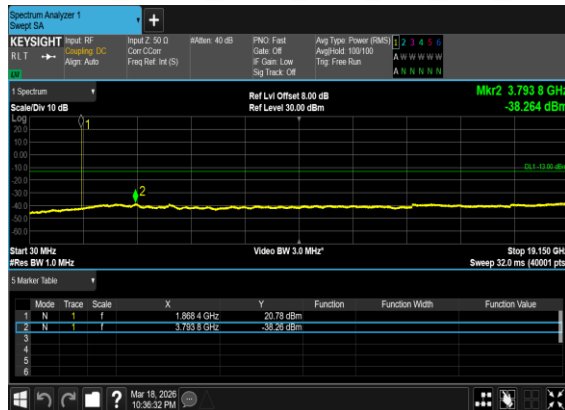
N25(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



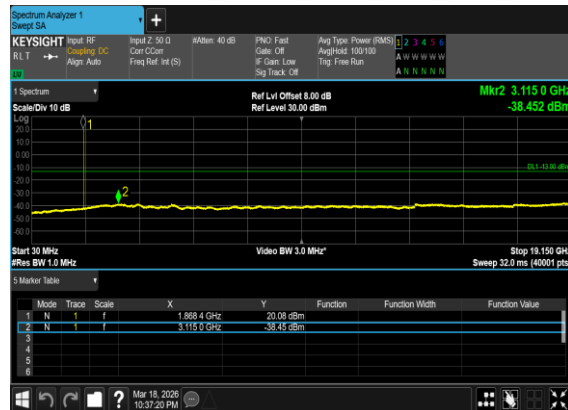
N25(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

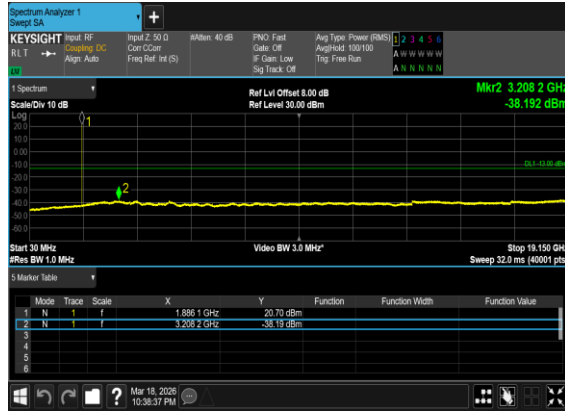


N25(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

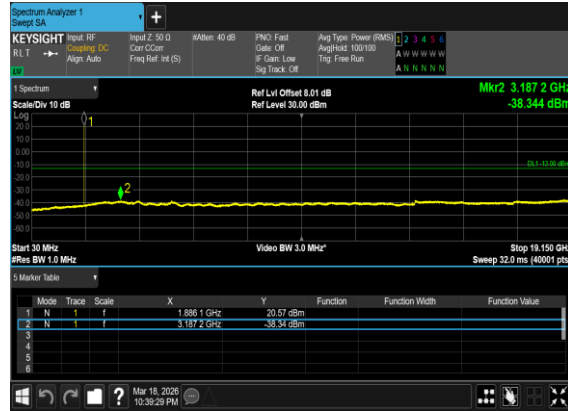




N25(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N25(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH





Conducted Band Edge

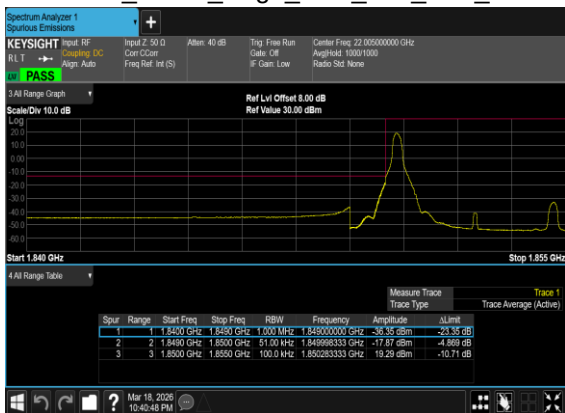
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
25	15	15	371500	1857.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	15	371500	1857.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	75@0	see graph	PASS
25	15	15	381500	1907.5	DFT-s-OFDM BPSK	1@78	see graph	PASS
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	1@78	see graph	PASS
25	15	15	381500	1907.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	75@0	see graph	PASS
25	15	30	373000	1865.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	30	373000	1865.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	30	373000	1865.0	DFT-s-OFDM BPSK	160@0	see graph	PASS
25	15	30	373000	1865.0	DFT-s-OFDM QPSK	160@0	see graph	PASS



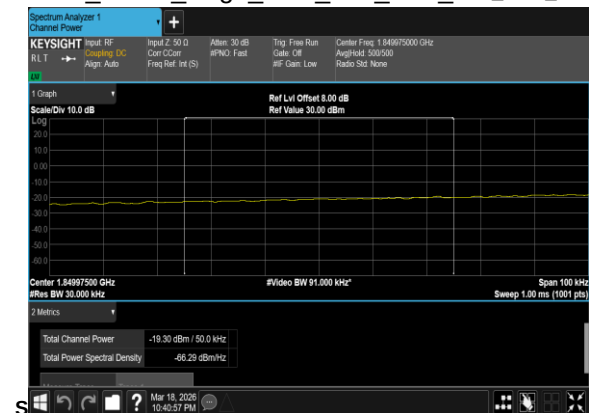
25	15	30	380000	1900.0	DFT-s-OFDM BPSK	1@159	see graph	PASS
25	15	30	380000	1900.0	DFT-s-OFDM QPSK	1@159	see graph	PASS
25	15	30	380000	1900.0	DFT-s-OFDM BPSK	160@0	see graph	PASS
25	15	30	380000	1900.0	DFT-s-OFDM QPSK	160@0	see graph	PASS



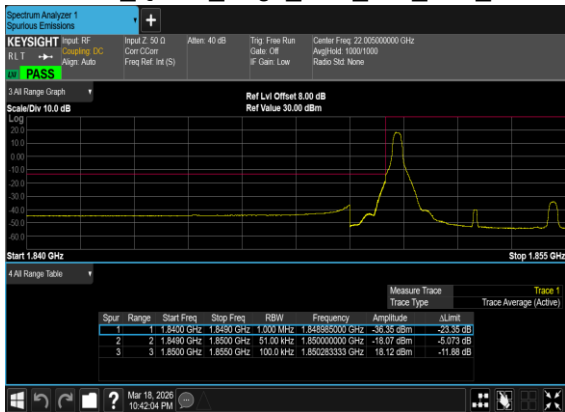
N25(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



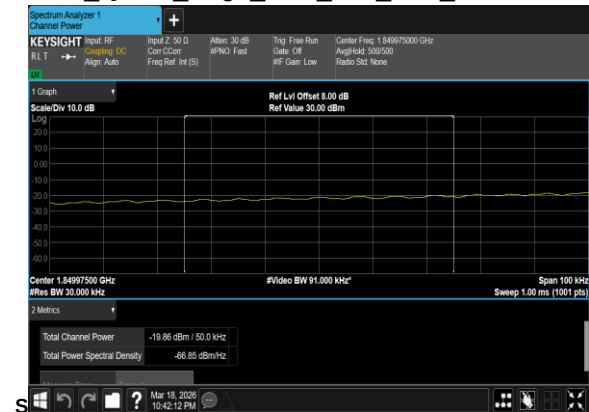
N25(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PAS



N25(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

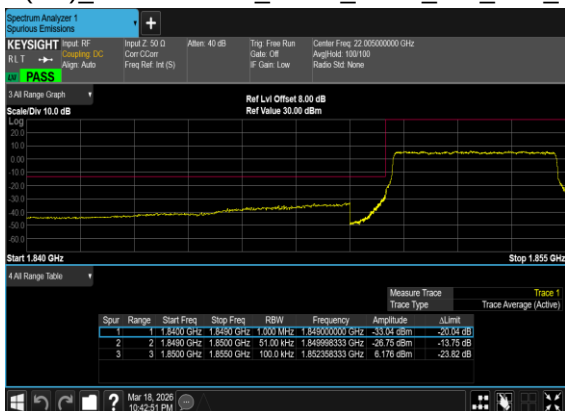


N25(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PAS

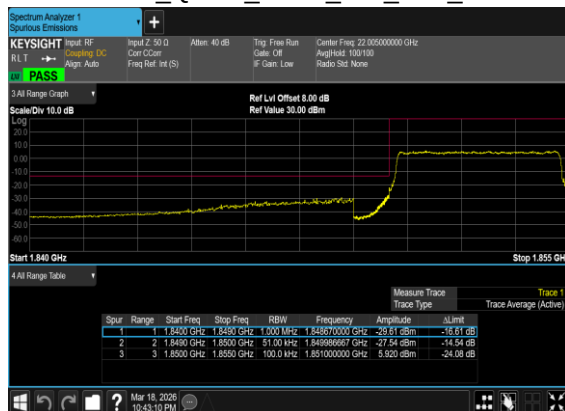




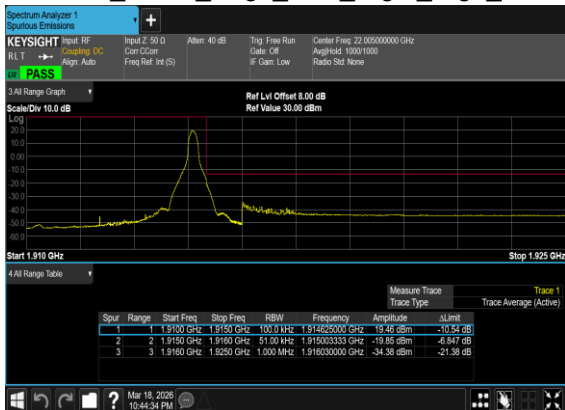
N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



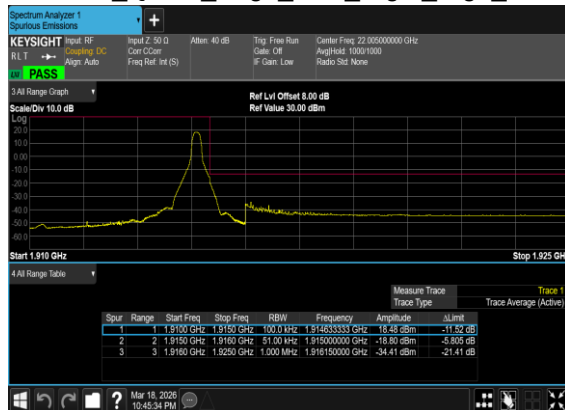
N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

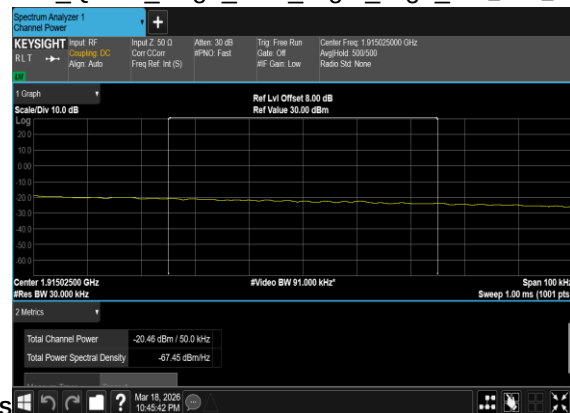


N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

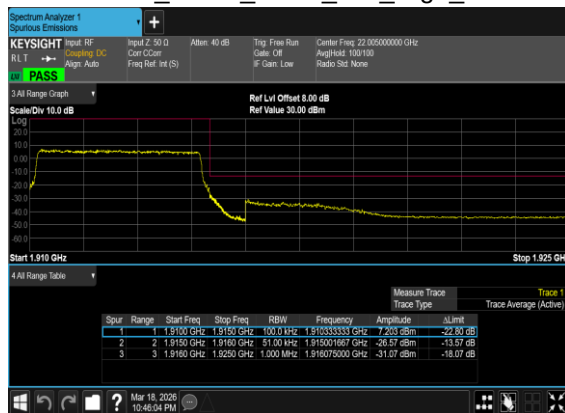




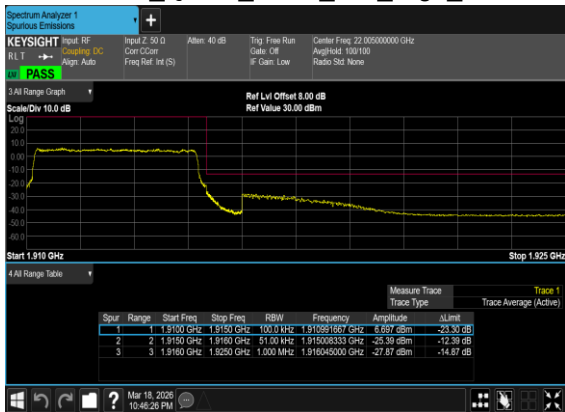
N25(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PAS



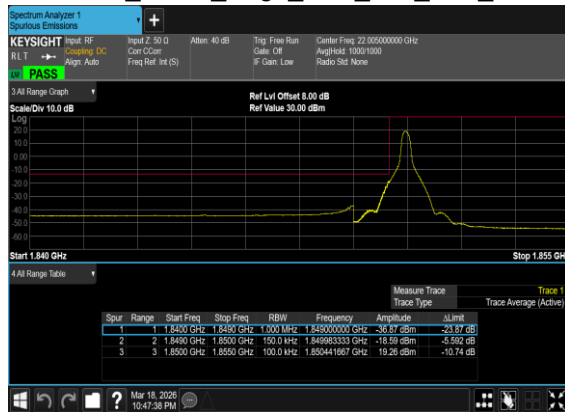
N25(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N25(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

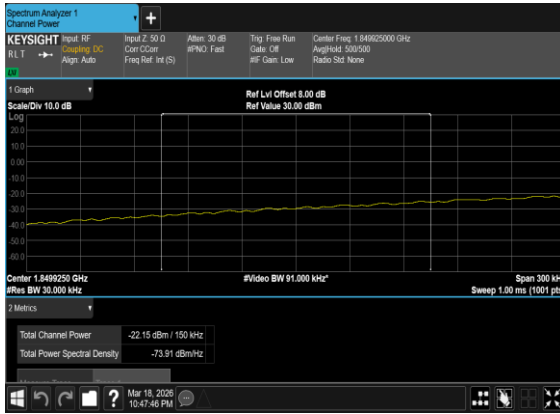


N25(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

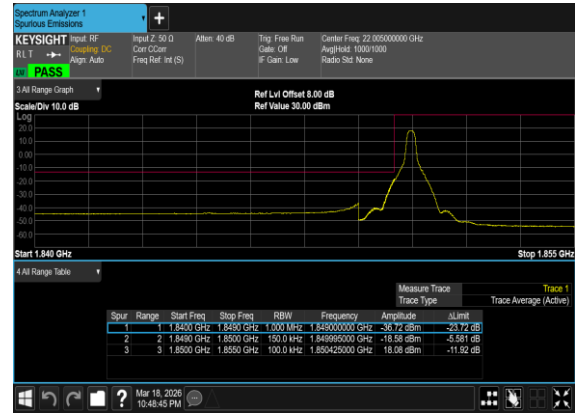




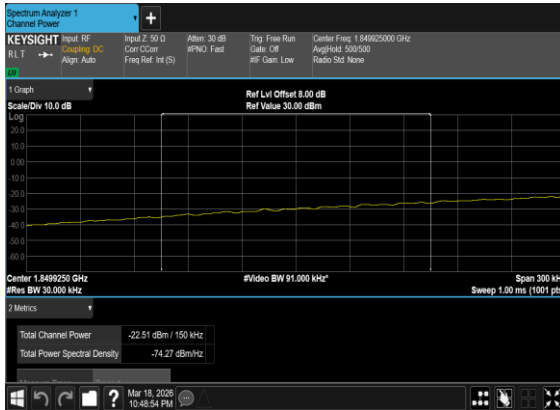
N25(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



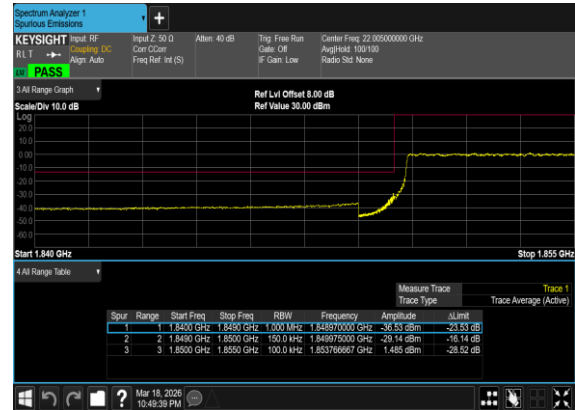
N25(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS

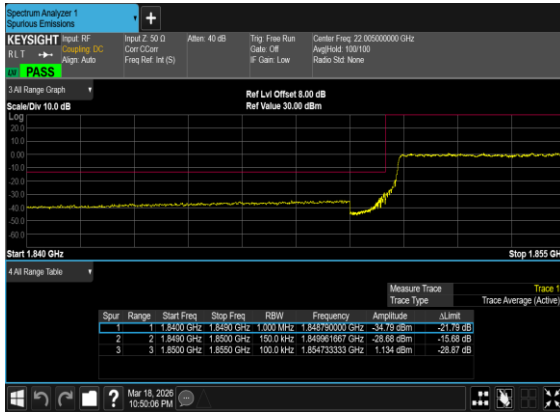


N25(15M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

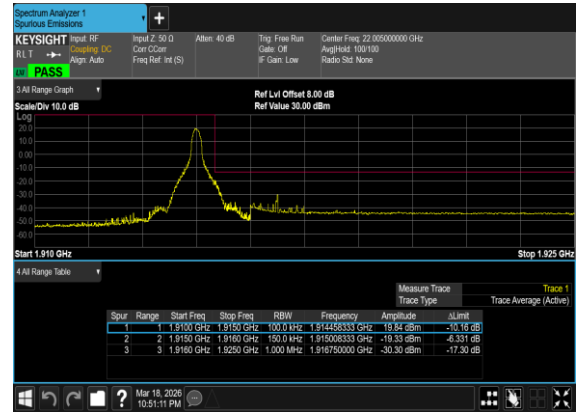




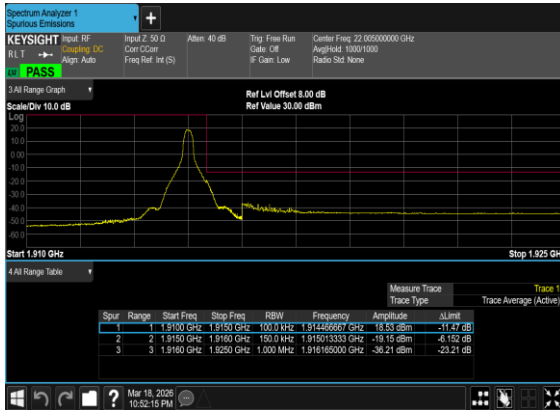
N25(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N25(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N25(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

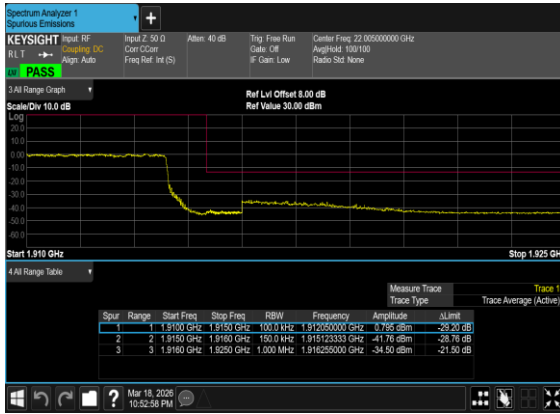


N25(15M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

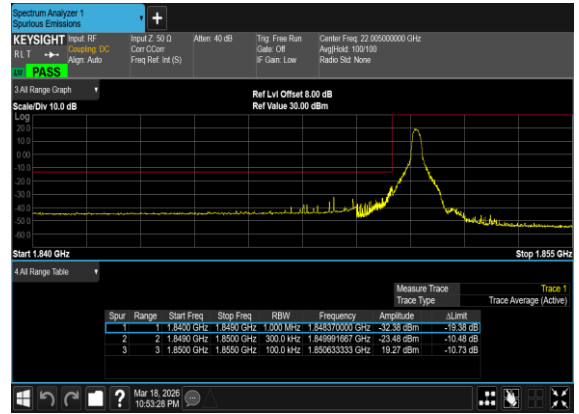




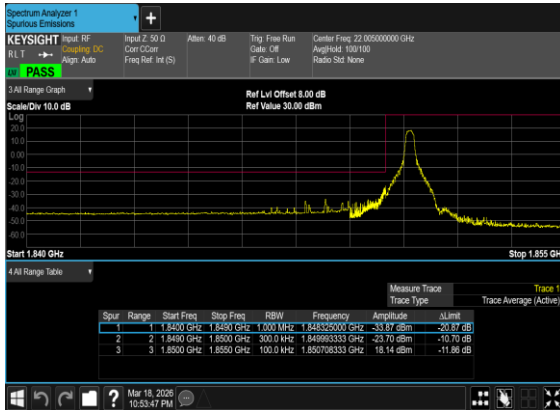
N25(15M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



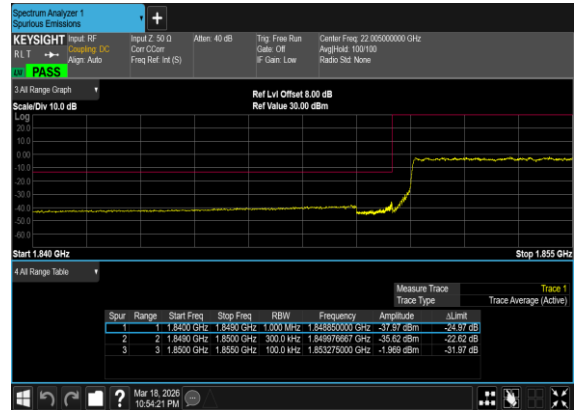
N25(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N25(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

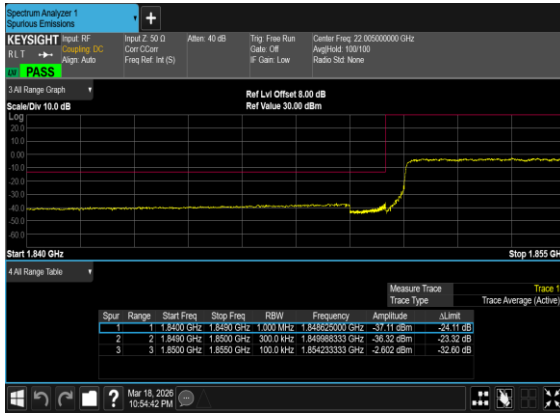


N25(30M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

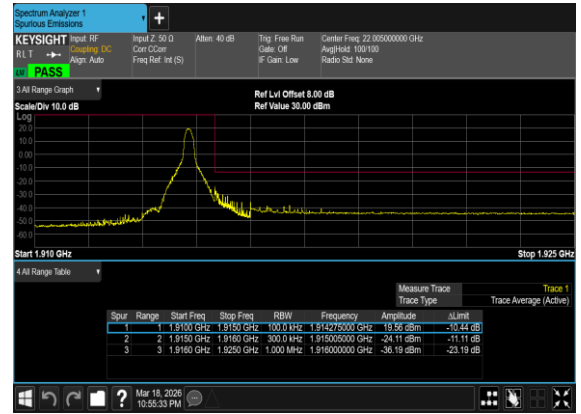




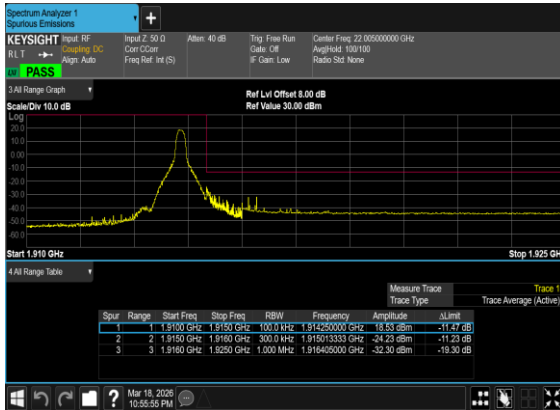
N25(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N25(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N25(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

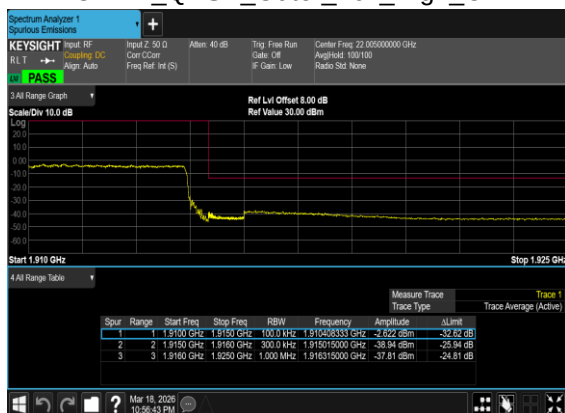


N25(30M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH





N25(30M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





FR1 N66-Ant 2

Transmitter Conducted Output Power And EIRP, ($G_T - L_c$)= 0.32 dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	12@6	22.33	22.65	0.1841
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	22.43	22.75	0.1884
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@23	22.44	22.76	0.1888
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	12@6	21.24	21.56	0.1432
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	21.44	21.76	0.1500
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@23	21.47	21.79	0.1510
66	15	5	349000	1745	DFT-s-OFDM QPSK	12@6	22.4	22.72	0.1871
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	22.47	22.79	0.1901
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@23	22.43	22.75	0.1884
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	12@6	21.24	21.56	0.1432
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.48	21.8	0.1514
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@23	21.47	21.79	0.1510
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	12@6	22.35	22.67	0.1849
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	22.36	22.68	0.1854
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@23	22.47	22.79	0.1901
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	12@6	21.24	21.56	0.1432
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	21.47	21.79	0.1510
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@23	21.51	21.83	0.1524
66	15	10	343000	1715	DFT-s-OFDM QPSK	25@12	22.34	22.66	0.1845
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	22.42	22.74	0.1879
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@50	22.44	22.76	0.1888
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	25@12	21.34	21.66	0.1466
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	21.49	21.81	0.1517
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@50	21.47	21.79	0.1510
66	15	10	349000	1745	DFT-s-OFDM QPSK	25@12	22.37	22.69	0.1858
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	22.42	22.74	0.1879
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@50	22.51	22.83	0.1919
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	25@12	21.35	21.67	0.1469
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.47	21.79	0.1510
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@50	21.56	21.88	0.1542
66	15	10	355000	1775	DFT-s-OFDM QPSK	25@12	22.37	22.69	0.1858
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	22.44	22.76	0.1888
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@50	22.46	22.78	0.1897
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	25@12	21.35	21.67	0.1469
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	21.48	21.8	0.1514



66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@50	21.47	21.79	0.1510
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	36@18	22.36	22.68	0.1854
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	22.53	22.85	0.1928
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@77	22.46	22.78	0.1897
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	36@18	21.36	21.68	0.1472
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	21.51	21.83	0.1524
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@77	21.45	21.77	0.1503
66	15	15	349000	1745	DFT-s-OFDM QPSK	36@18	22.43	22.75	0.1884
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	22.43	22.75	0.1884
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@77	22.56	22.88	0.1941
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	36@18	21.43	21.75	0.1496
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.53	21.85	0.1531
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@77	21.64	21.96	0.1570
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	36@18	22.37	22.69	0.1858
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	22.47	22.79	0.1901
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@77	22.54	22.86	0.1932
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	36@18	21.37	21.69	0.1476
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	21.49	21.81	0.1517
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@77	21.61	21.93	0.1560
66	15	20	344000	1720	DFT-s-OFDM QPSK	50@25	22.42	22.74	0.1879
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	22.5	22.82	0.1914
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@104	22.52	22.84	0.1923
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	50@25	21.4	21.72	0.1486
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	21.55	21.87	0.1538
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@104	21.46	21.78	0.1507
66	15	20	349000	1745	DFT-s-OFDM QPSK	50@25	22.45	22.77	0.1892
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	22.52	22.84	0.1923
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@104	22.43	22.75	0.1884
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	50@25	21.45	21.77	0.1503
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.52	21.84	0.1528
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@104	21.56	21.88	0.1542
66	15	20	354000	1770	DFT-s-OFDM QPSK	50@25	22.46	22.78	0.1897
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	22.52	22.84	0.1923
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@104	22.6	22.92	0.1959
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	50@25	21.41	21.73	0.1489
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	21.51	21.83	0.1524
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@104	21.57	21.89	0.1545
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	64@32	22.41	22.73	0.1875
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@1	22.79	23.11	0.2046
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@131	22.78	23.1	0.2042
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	64@32	21.37	21.69	0.1476



66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@1	21.77	22.09	0.1618
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@131	21.83	22.15	0.1641
66	15	25	349000	1745	DFT-s-OFDM QPSK	64@32	22.45	22.77	0.1892
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@1	22.74	23.06	0.2023
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@131	22.88	23.2	0.2089
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	64@32	21.4	21.72	0.1486
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.76	22.08	0.1614
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@131	21.95	22.27	0.1687
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	64@32	22.5	22.82	0.1914
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@1	22.75	23.07	0.2028
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@131	22.8	23.12	0.2051
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	64@32	21.46	21.78	0.1507
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@1	21.77	22.09	0.1618
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@131	21.89	22.21	0.1663
66	15	30	345000	1725	DFT-s-OFDM PI/2 BPSK	80@40	22.56	22.88	0.1941
66	15	30	345000	1725	DFT-s-OFDM PI/2 BPSK	1@1	22.52	22.84	0.1923
66	15	30	345000	1725	DFT-s-OFDM PI/2 BPSK	1@158	22.47	22.79	0.1901
66	15	30	345000	1725	DFT-s-OFDM QPSK	80@40	22.58	22.9	0.1950
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	22.68	23	0.1995
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@158	22.64	22.96	0.1977
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	80@40	21.56	21.88	0.1542
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	21.71	22.03	0.1596
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@158	21.72	22.04	0.1600
66	15	30	345000	1725	DFT-s-OFDM 64 QAM	80@40	20.09	20.41	0.1099
66	15	30	345000	1725	DFT-s-OFDM 64 QAM	1@1	20.16	20.48	0.1117
66	15	30	345000	1725	DFT-s-OFDM 64 QAM	1@158	20.18	20.5	0.1122
66	15	30	345000	1725	DFT-s-OFDM 256 QAM	80@40	18.04	18.36	0.0685
66	15	30	345000	1725	DFT-s-OFDM 256 QAM	1@1	17.81	18.13	0.0650
66	15	30	345000	1725	DFT-s-OFDM 256 QAM	1@158	17.9	18.22	0.0664
66	15	30	345000	1725	CP-OFDM QPSK	80@40	21.03	21.35	0.1365
66	15	30	345000	1725	CP-OFDM QPSK	1@1	21.1	21.42	0.1387
66	15	30	345000	1725	CP-OFDM QPSK	1@158	21.15	21.47	0.1403
66	15	30	349000	1745	DFT-s-OFDM PI/2 BPSK	80@40	22.58	22.9	0.1950
66	15	30	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	22.5	22.82	0.1914
66	15	30	349000	1745	DFT-s-OFDM PI/2 BPSK	1@158	22.54	22.86	0.1932
66	15	30	349000	1745	DFT-s-OFDM QPSK	80@40	22.62	22.94	0.1968
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	22.66	22.98	0.1986
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@158	22.68	23	0.1995
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	80@40	21.66	21.98	0.1578
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.68	22	0.1585
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@158	21.74	22.06	0.1607



66	15	30	349000	1745	DFT-s-OFDM 64 QAM	80@40	20.11	20.43	0.1104
66	15	30	349000	1745	DFT-s-OFDM 64 QAM	1@1	20.17	20.49	0.1119
66	15	30	349000	1745	DFT-s-OFDM 64 QAM	1@158	20.21	20.53	0.1130
66	15	30	349000	1745	DFT-s-OFDM 256 QAM	80@40	17.86	18.18	0.0658
66	15	30	349000	1745	DFT-s-OFDM 256 QAM	1@1	17.79	18.11	0.0647
66	15	30	349000	1745	DFT-s-OFDM 256 QAM	1@158	18	18.32	0.0679
66	15	30	349000	1745	CP-OFDM QPSK	80@40	21.04	21.36	0.1368
66	15	30	349000	1745	CP-OFDM QPSK	1@1	21.2	21.52	0.1419
66	15	30	349000	1745	CP-OFDM QPSK	1@158	21.31	21.63	0.1455
66	15	30	353000	1765	DFT-s-OFDM PI/2 BPSK	80@40	22.58	22.9	0.1950
66	15	30	353000	1765	DFT-s-OFDM PI/2 BPSK	1@1	22.48	22.8	0.1905
66	15	30	353000	1765	DFT-s-OFDM PI/2 BPSK	1@158	22.51	22.83	0.1919
66	15	30	353000	1765	DFT-s-OFDM QPSK	80@40	22.64	22.96	0.1977
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	22.68	23	0.1995
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@158	22.9	23.22	0.2099
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	80@40	21.6	21.92	0.1556
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	21.75	22.07	0.1611
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@158	21.72	22.04	0.1600
66	15	30	353000	1765	DFT-s-OFDM 64 QAM	80@40	20.15	20.47	0.1114
66	15	30	353000	1765	DFT-s-OFDM 64 QAM	1@1	20.23	20.55	0.1135
66	15	30	353000	1765	DFT-s-OFDM 64 QAM	1@158	20.22	20.54	0.1132
66	15	30	353000	1765	DFT-s-OFDM 256 QAM	80@40	17.76	18.08	0.0643
66	15	30	353000	1765	DFT-s-OFDM 256 QAM	1@1	17.82	18.14	0.0652
66	15	30	353000	1765	DFT-s-OFDM 256 QAM	1@158	17.89	18.21	0.0662
66	15	30	353000	1765	CP-OFDM QPSK	80@40	21.06	21.38	0.1374
66	15	30	353000	1765	CP-OFDM QPSK	1@1	21.08	21.4	0.1380
66	15	30	353000	1765	CP-OFDM QPSK	1@158	21.09	21.41	0.1384



FR1 N66

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	7.2	PASS	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	7.1	PASS	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	11.9	PASS	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	9.5	PASS	-30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	10.7	PASS	-20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	11.1	PASS	-10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	12.6	PASS	0℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	9	PASS	10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	7.2	PASS	20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	15.5	PASS	30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	17.8	PASS	40℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	15.3	PASS	50℃

 $|\text{MAX}(\Delta f)| = 17.8 \text{ Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	1710.849482	$\geq 1710 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	1779.072918	$\leq 1780 \text{ MHz}$	



Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	4.42	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	5.52	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

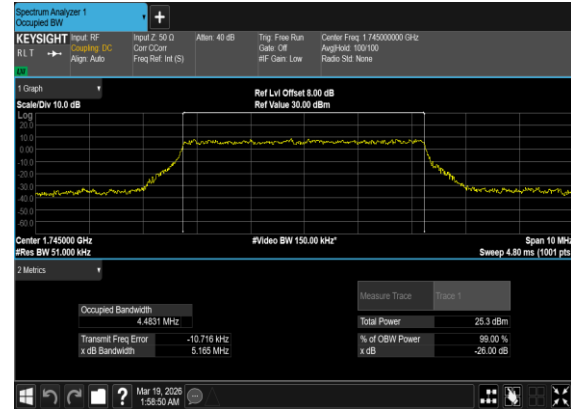
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4736	5.101
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4831	5.165
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4649	4.954
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4799	4.993
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2826	9.999
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2895	9.943
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2791	10.01
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2831	9.952
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.114	14.89
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.114	14.92
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.113	14.94
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.09	14.93
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.925	19.93
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.897	19.82
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.883	19.7
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.959	19.89
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.741	24.79
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.71	24.62
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.712	24.76
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.767	24.79
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.511	29.71
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.531	29.73
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.581	29.55
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.505	29.76



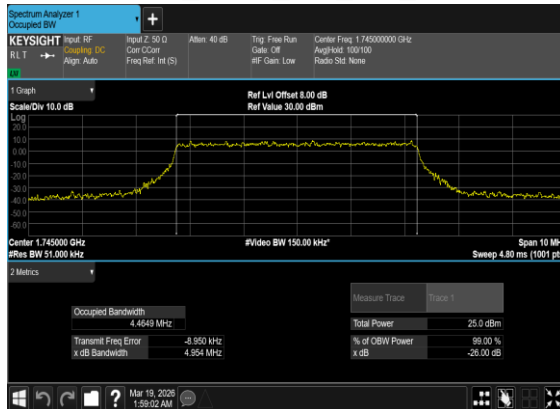
N66(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



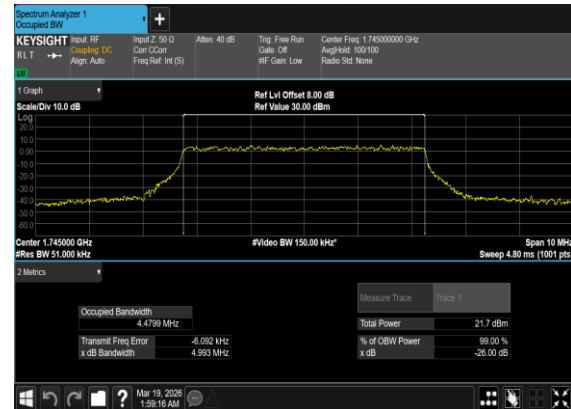
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QAM_Outer_Full_Mid_CH



N66(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

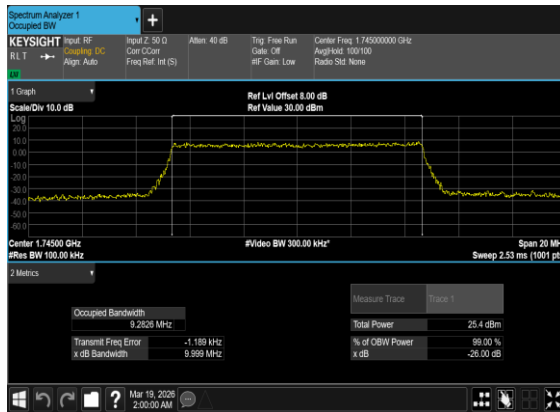


N66(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

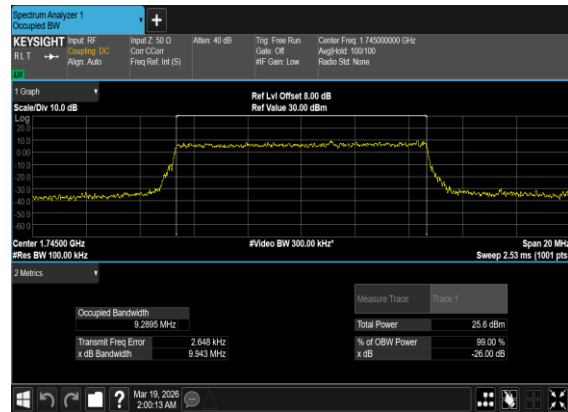




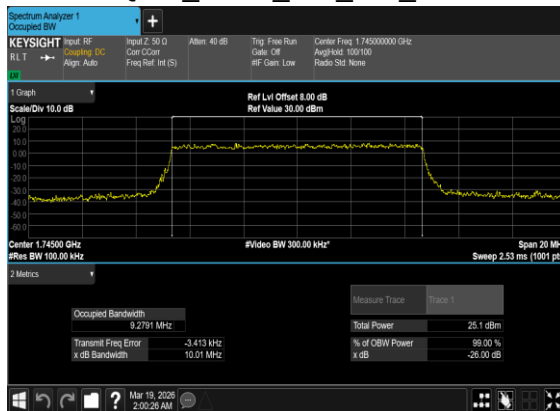
N66(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



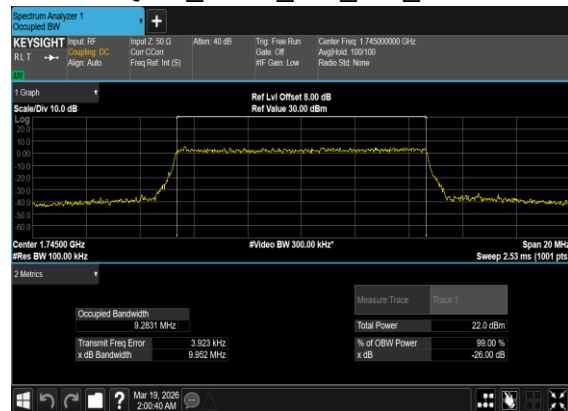
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QAM_Outer_Full_Mid_CH



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QAM_Outer_Full_Mid_CH

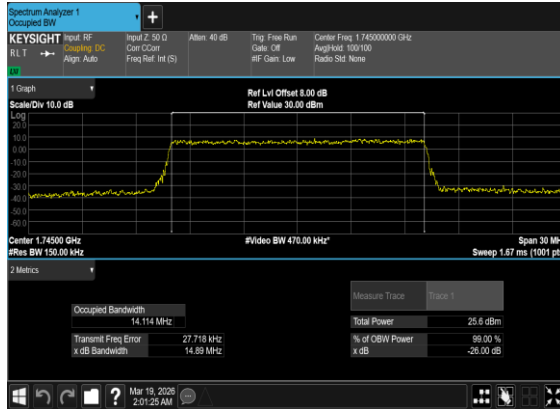


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QAM_Outer_Full_Mid_CH

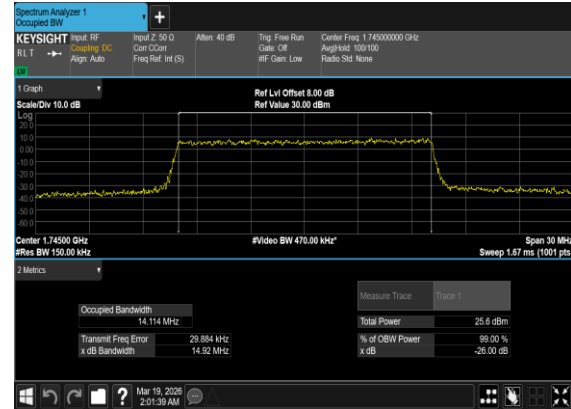




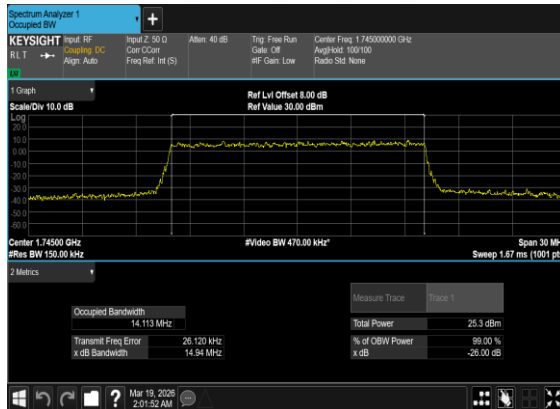
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OFDM_QPSK_Outer_Full_Mid_CH



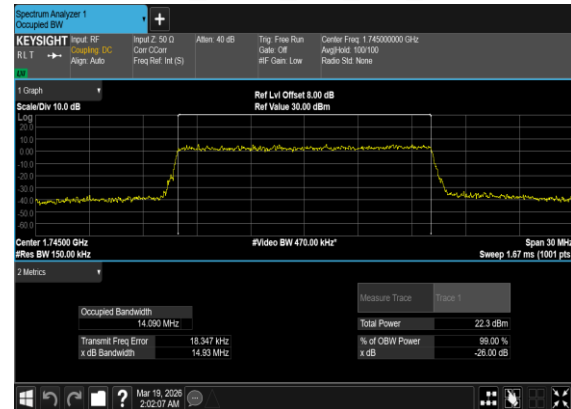
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QAM_Outer_Full_Mid_CH



N66(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

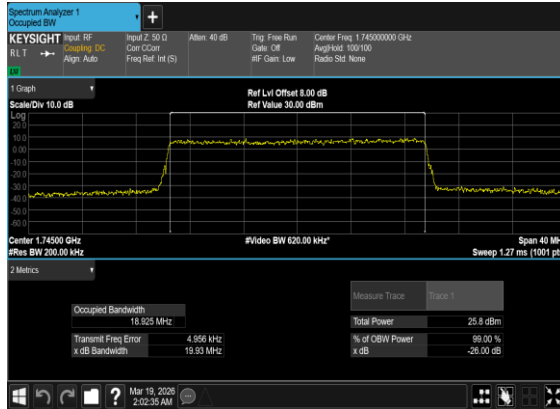


N66(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

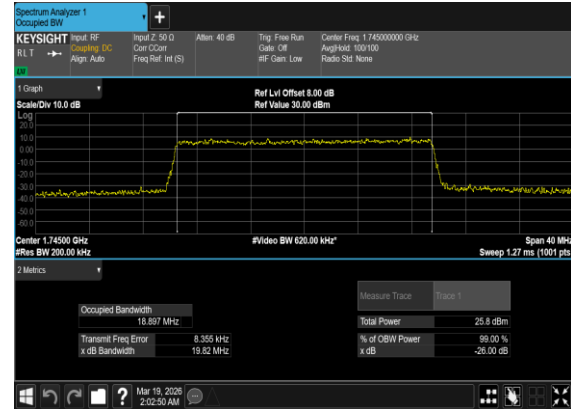




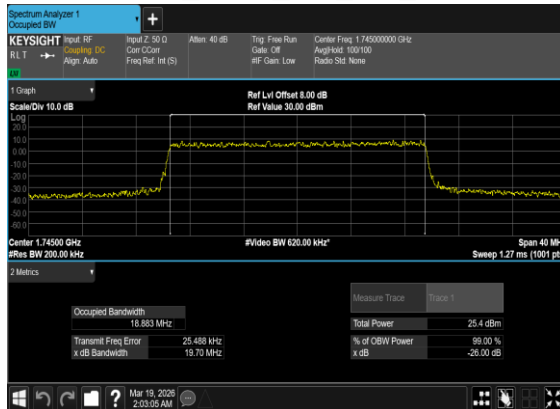
N66(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



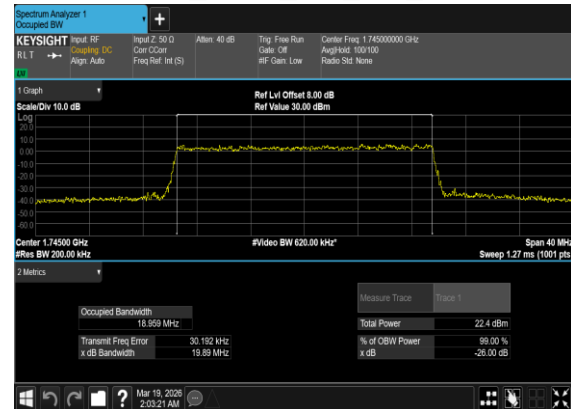
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QAM_Outer_Full_Mid_CH



N66(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

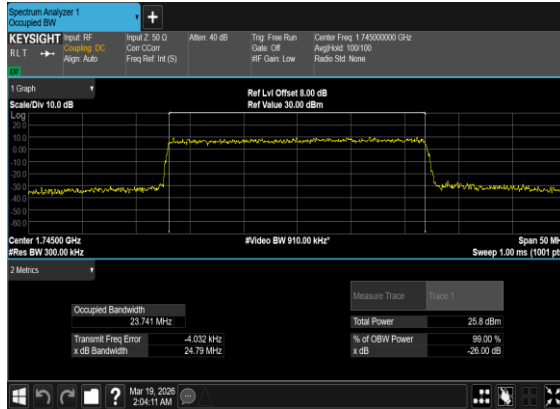


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QAM_Outer_Full_Mid_CH

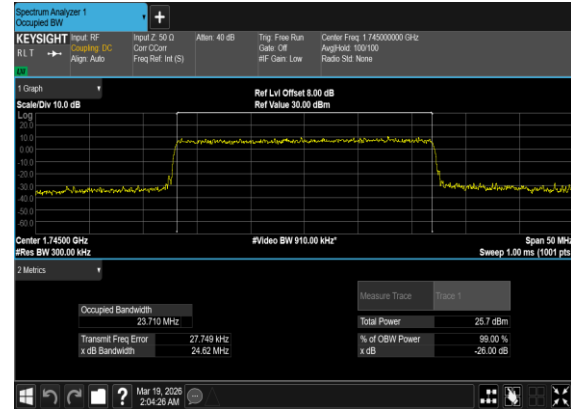




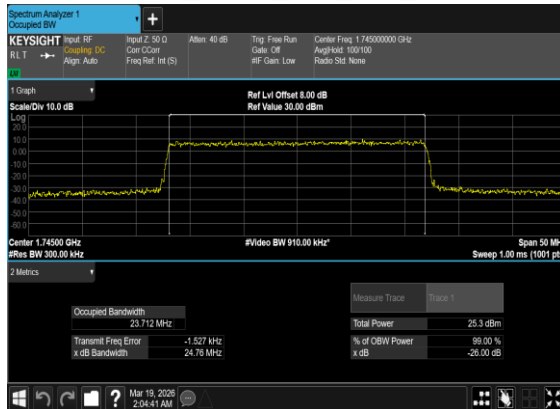
N66(25M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



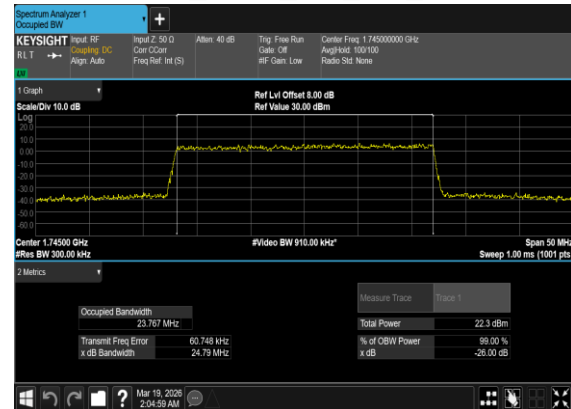
N66(25M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N66(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

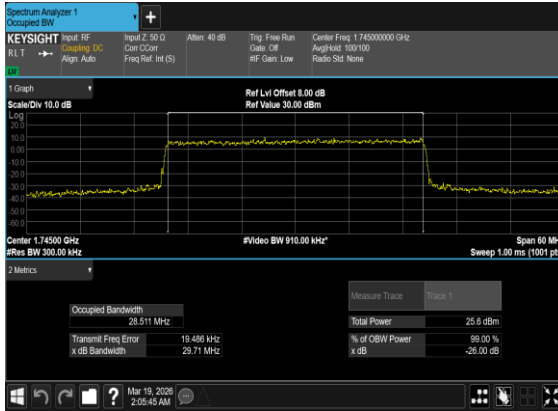


N66(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





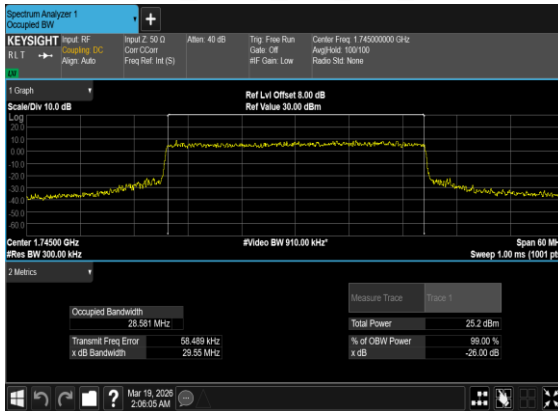
N66(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



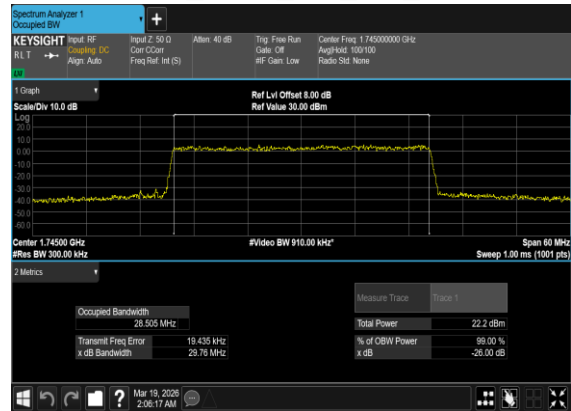
N66(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N66(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N66(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

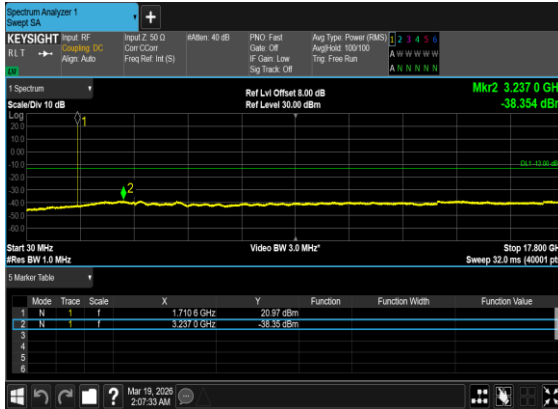
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph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



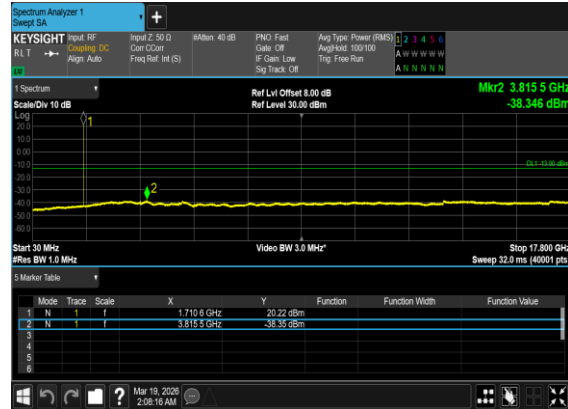
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	30	345000	1725.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	30	345000	1725.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	30	345000	1725.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	30	345000	1725.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	30	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	30	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	30	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	30	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	30	353000	1765.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	30	353000	1765.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	30	353000	1765.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	30	353000	1765.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



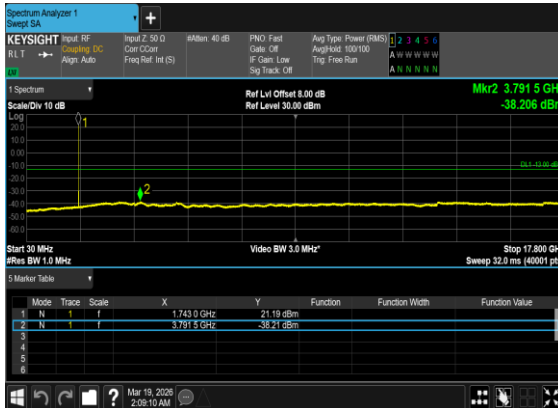
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



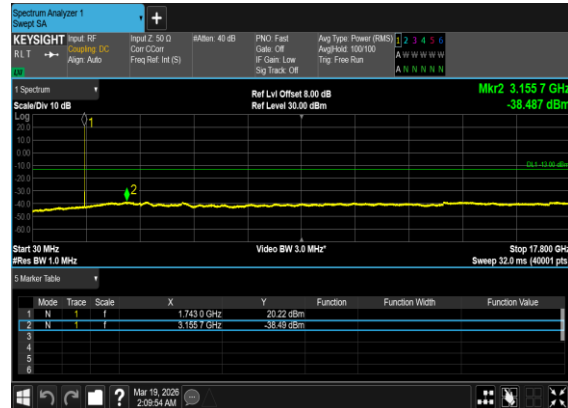
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

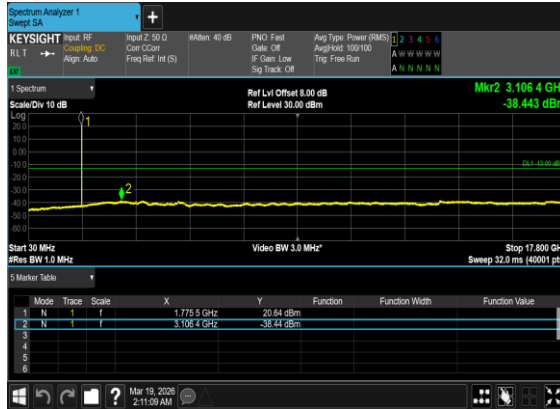


N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

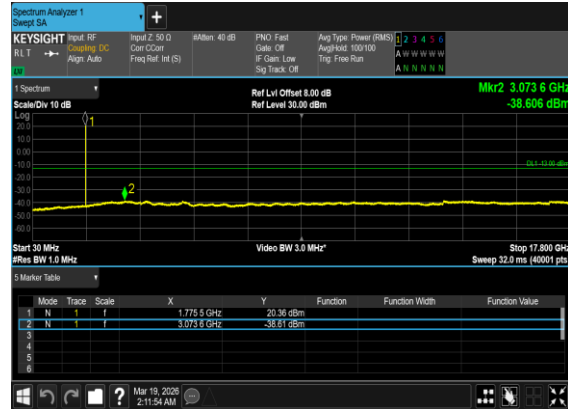




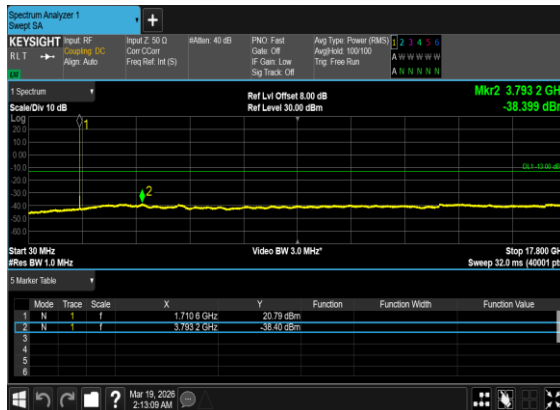
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



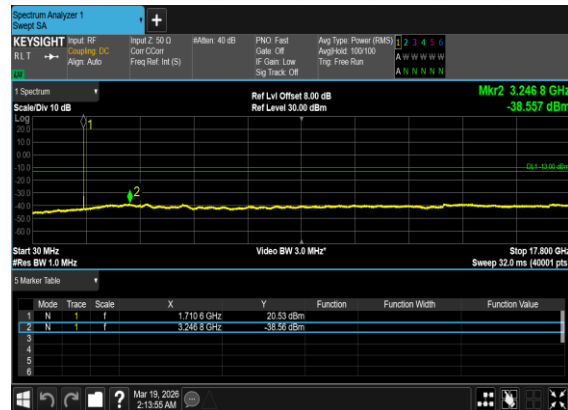
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

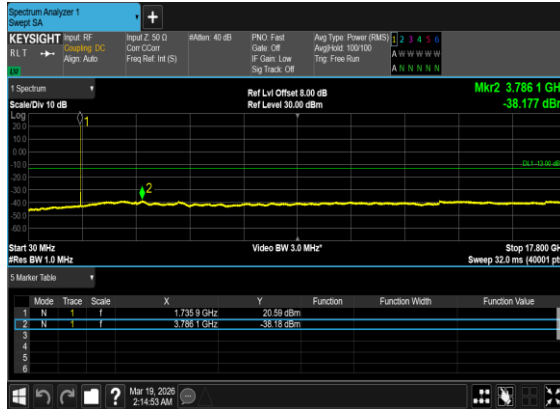


N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

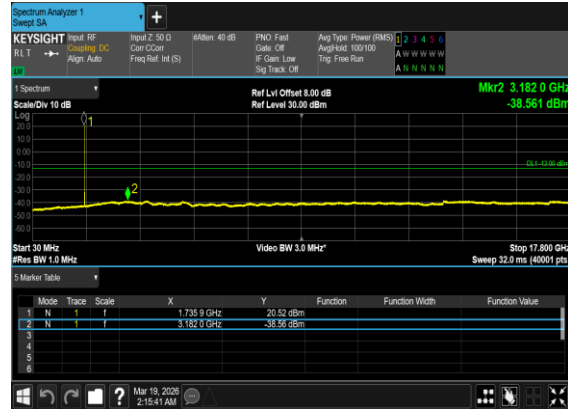




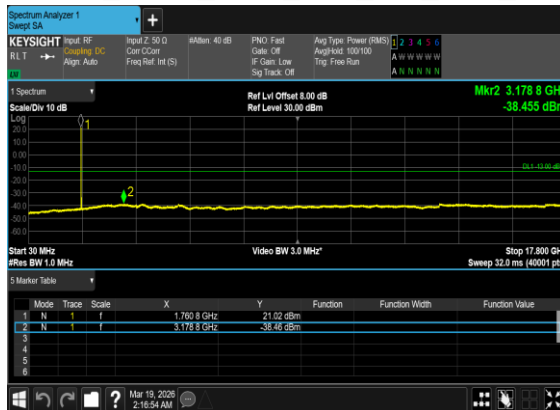
N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



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

