

B2_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



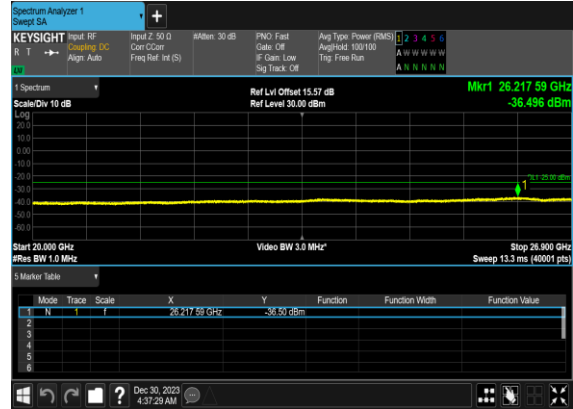
B2_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B2_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B2_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B2_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



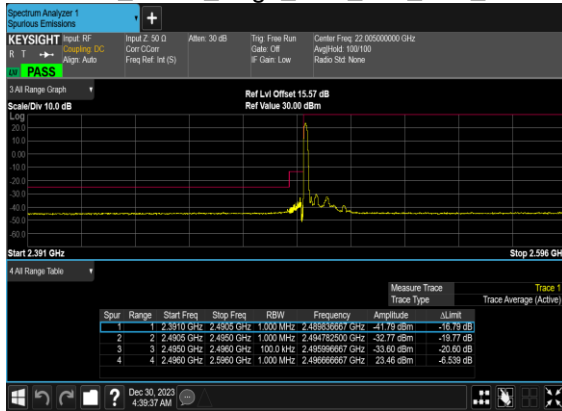
B2_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



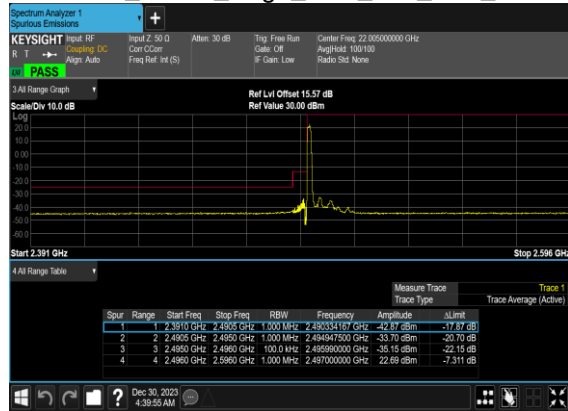
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

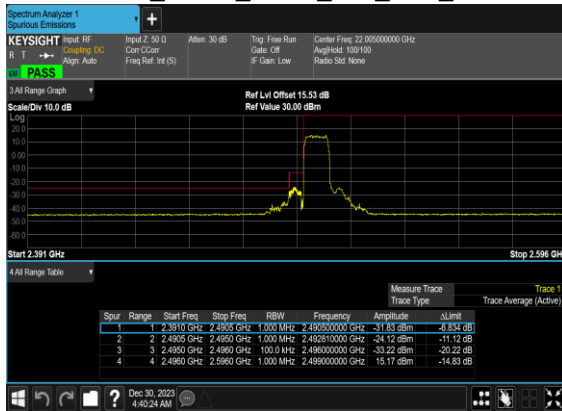
B2_N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



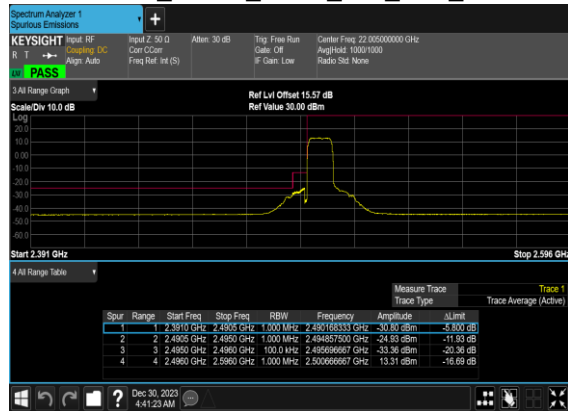
B2_N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



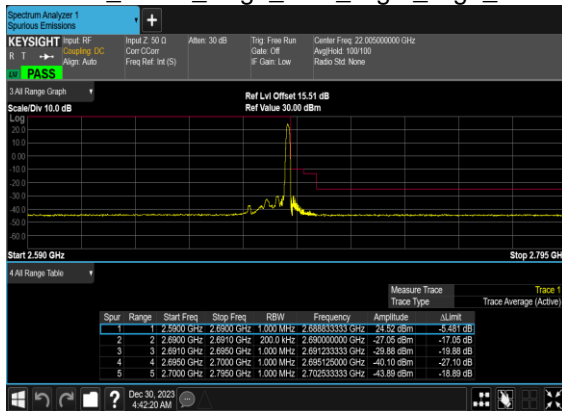
B2_N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



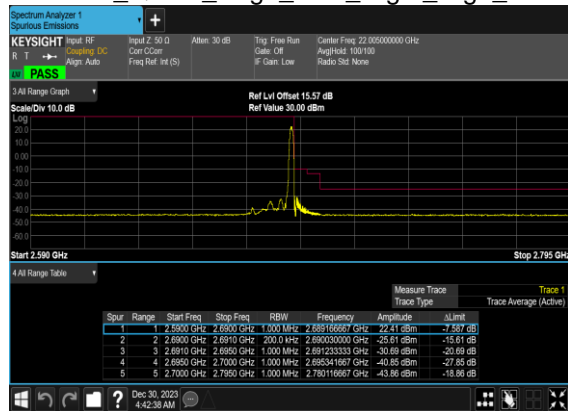
B2_N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



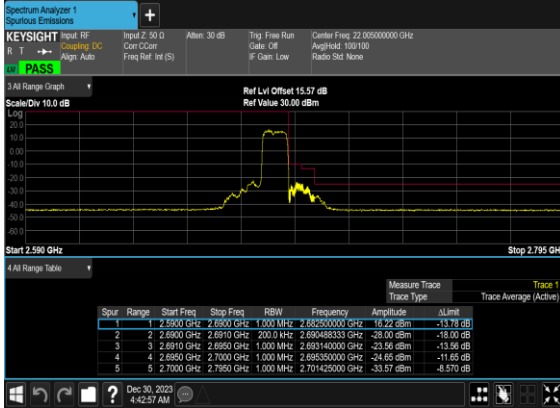
B2_N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



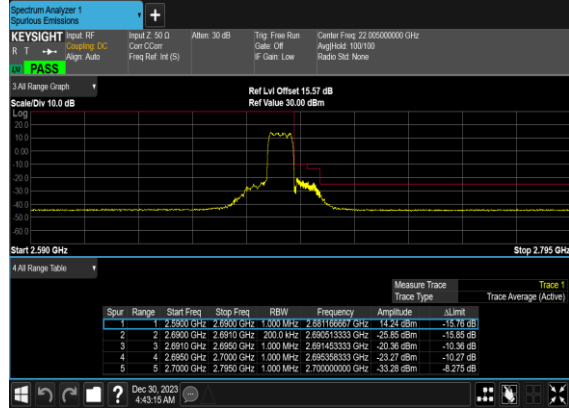
B2_N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



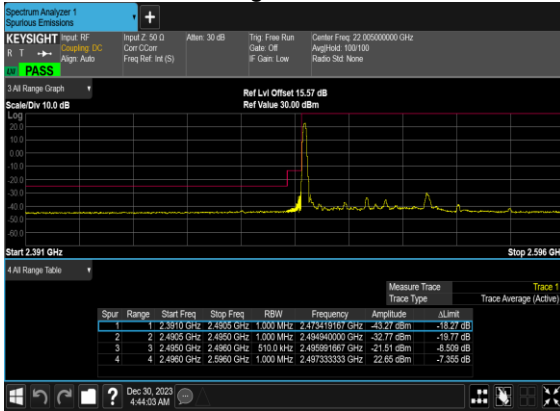
B2_N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



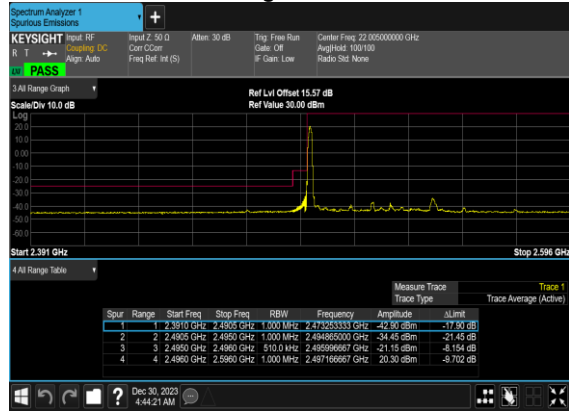
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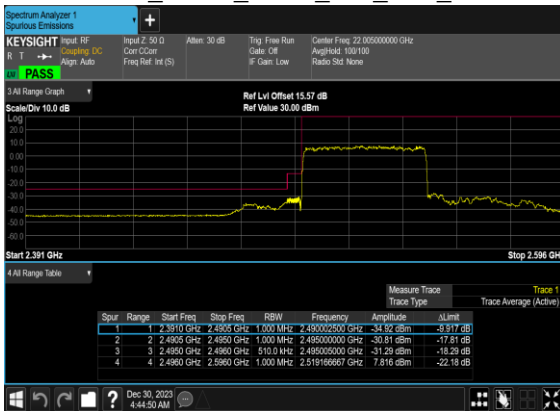
B2_N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



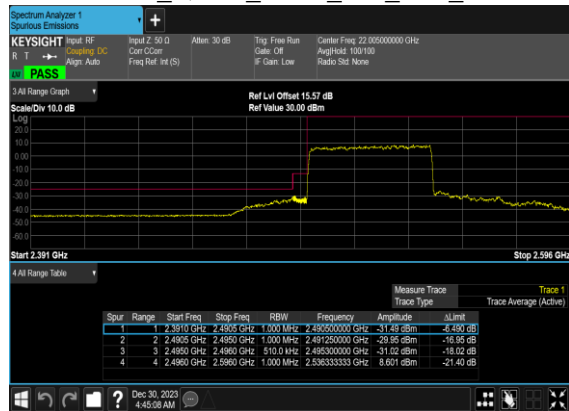
B2_N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



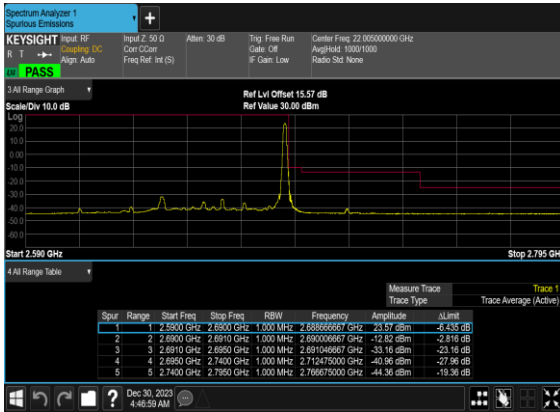
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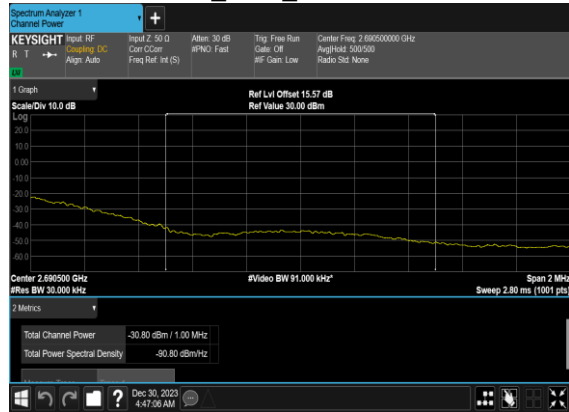
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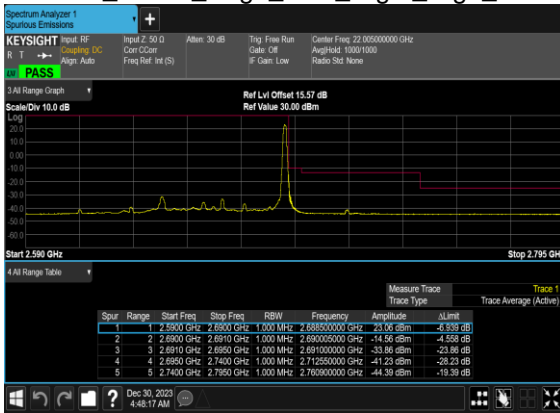
B2_N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



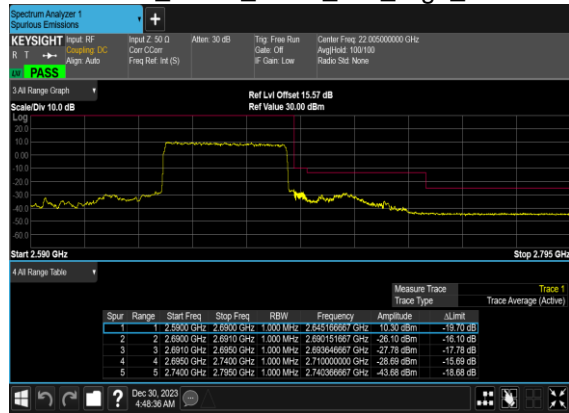
B2_N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH
_CHP_PASS



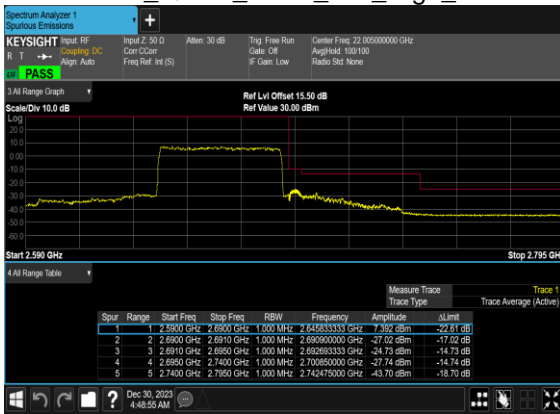
B2_N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



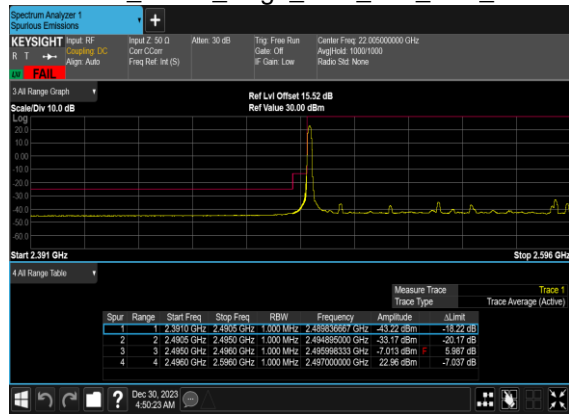
B2_N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



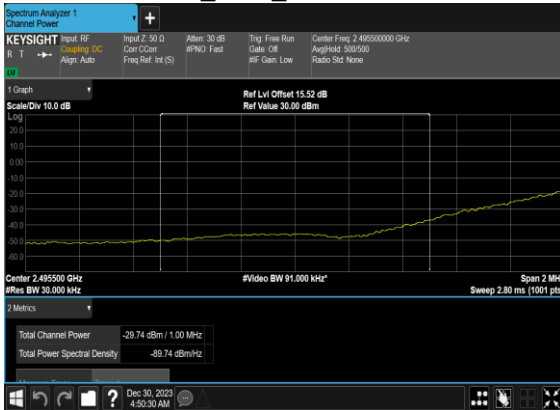
B2_N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



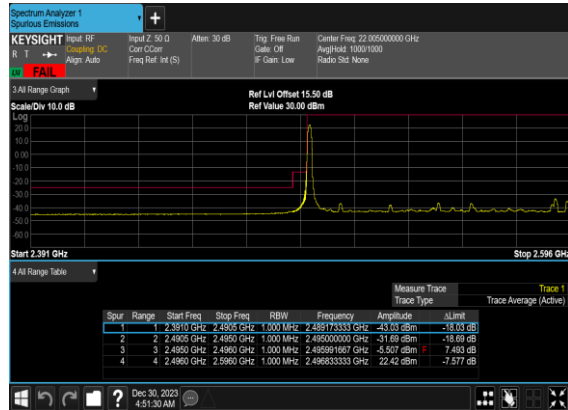
B2_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



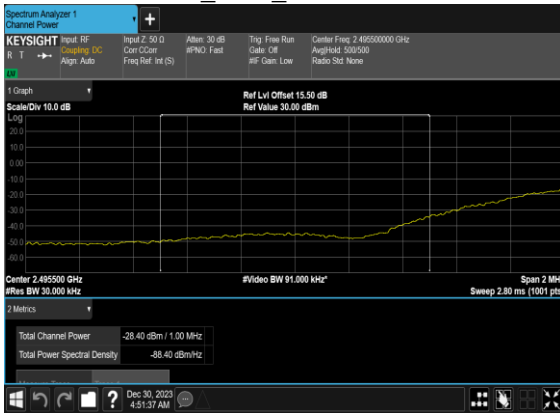
B2_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH
_CHP_PASS



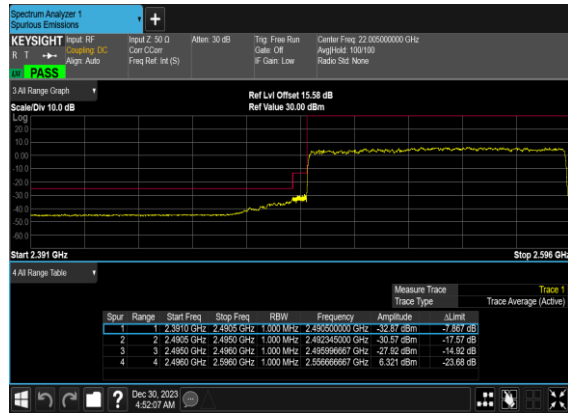
B2_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH
_CHP_PASS



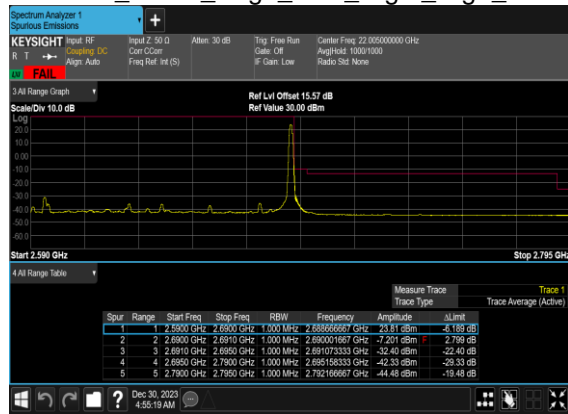
B2_N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



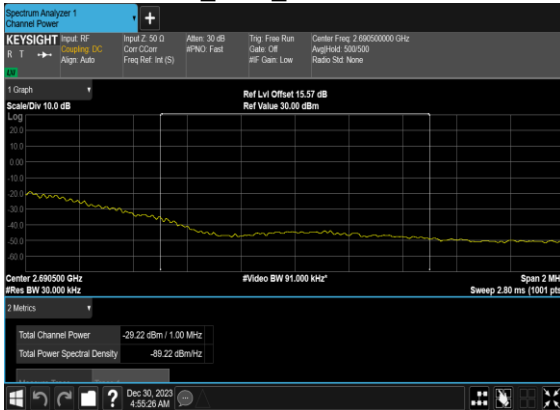
B2_N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



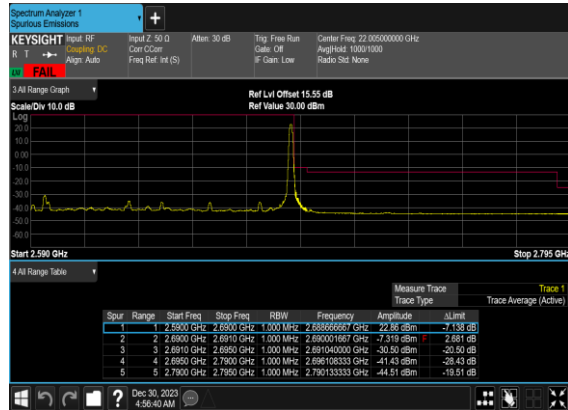
B2_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



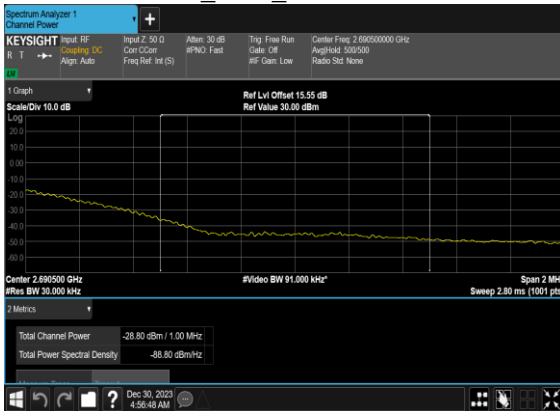
B2_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH _CHP_PASS



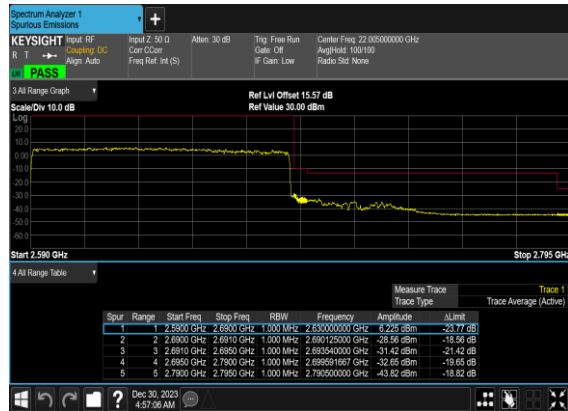
B2_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



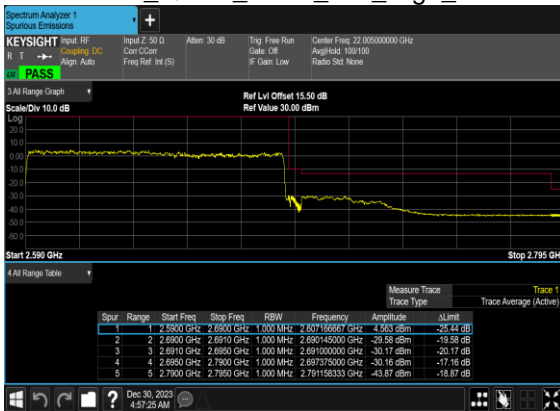
B2_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH _CHP_PASS



B2_N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B2_N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Note: "CHP" means channel power integration method.

FR1 B2_N66 (ANT 0)

Transmitter Conducted Output Power And EIRP, (G_T-L_C)=-0.72dB

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	1@1	23.41	22.69	0.1858
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	22.48	21.76	0.1500
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	23.6	22.88	0.1941
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.67	21.95	0.1567
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	23.68	22.96	0.1977
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	22.58	21.86	0.1535
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	23.64	22.92	0.1959
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	22.52	21.8	0.1514
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	23.54	22.82	0.1914
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.63	21.91	0.1552
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	23.62	22.9	0.1950
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	22.57	21.85	0.1531
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	23.59	22.87	0.1936
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	22.47	21.75	0.1496
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	23.59	22.87	0.1936
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.59	21.87	0.1538
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	23.41	22.69	0.1858
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	22.56	21.84	0.1528
66	15	20	344000	1720	DFT-s-OFDM Pi/2 BPSK	50@25	23.35	22.63	0.1832
66	15	20	344000	1720	DFT-s-OFDM Pi/2 BPSK	1@1	23.26	22.54	0.1795
66	15	20	344000	1720	DFT-s-OFDM Pi/2 BPSK	1@104	23.3	22.58	0.1811
66	15	20	344000	1720	DFT-s-OFDM QPSK	50@25	23.41	22.69	0.1858
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	23.6	22.88	0.1941
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@104	23.6	22.88	0.1941
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	50@25	22.53	21.81	0.1517
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	22.51	21.79	0.1510
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@104	22.62	21.9	0.1549
66	15	20	344000	1720	DFT-s-OFDM 64 QAM	50@25	21.01	20.29	0.1069
66	15	20	344000	1720	DFT-s-OFDM 64 QAM	1@1	20.57	19.85	0.0966

66	15	20	344000	1720	DFT-s-OFDM 64 QAM	1@104	20.78	20.06	0.1014
66	15	20	344000	1720	DFT-s-OFDM 256 QAM	50@25	19	18.28	0.0673
66	15	20	344000	1720	DFT-s-OFDM 256 QAM	1@1	18.84	18.12	0.0649
66	15	20	344000	1720	DFT-s-OFDM 256 QAM	1@104	19	18.28	0.0673
66	15	20	344000	1720	CP-OFDM QPSK	53@26	21.98	21.26	0.1337
66	15	20	344000	1720	CP-OFDM QPSK	1@1	21.91	21.19	0.1315
66	15	20	344000	1720	CP-OFDM QPSK	1@104	22.03	21.31	0.1352
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	50@25	23.4	22.68	0.1854
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.36	22.64	0.1837
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	1@104	23.29	22.57	0.1807
66	15	20	349000	1745	DFT-s-OFDM QPSK	50@25	23.46	22.74	0.1879
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	23.6	22.88	0.1941
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@104	23.58	22.86	0.1932
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	50@25	22.62	21.9	0.1549
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.73	22.01	0.1589
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@104	22.61	21.89	0.1545
66	15	20	349000	1745	DFT-s-OFDM 64 QAM	50@25	21.11	20.39	0.1094
66	15	20	349000	1745	DFT-s-OFDM 64 QAM	1@1	20.87	20.15	0.1035
66	15	20	349000	1745	DFT-s-OFDM 64 QAM	1@104	20.77	20.05	0.1012
66	15	20	349000	1745	DFT-s-OFDM 256 QAM	50@25	19.09	18.37	0.0687
66	15	20	349000	1745	DFT-s-OFDM 256 QAM	1@1	19.05	18.33	0.0681
66	15	20	349000	1745	DFT-s-OFDM 256 QAM	1@104	18.95	18.23	0.0665
66	15	20	349000	1745	CP-OFDM QPSK	53@26	22.06	21.34	0.1361
66	15	20	349000	1745	CP-OFDM QPSK	1@1	22.16	21.44	0.1393
66	15	20	349000	1745	CP-OFDM QPSK	1@104	22.08	21.36	0.1368
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	50@25	23.39	22.67	0.1849
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	1@1	23.25	22.53	0.1791
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	1@104	23.34	22.62	0.1828
66	15	20	354000	1770	DFT-s-OFDM QPSK	50@25	23.43	22.71	0.1866
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	23.49	22.77	0.1892
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@104	23.7	22.98	0.1986
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	50@25	22.56	21.84	0.1528
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	22.55	21.83	0.1524
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@104	22.66	21.94	0.1563
66	15	20	354000	1770	DFT-s-OFDM 64 QAM	50@25	21.08	20.36	0.1086
66	15	20	354000	1770	DFT-s-OFDM 64 QAM	1@1	20.75	20.03	0.1007

66	15	20	354000	1770	DFT-s-OFDM 64 QAM	1@104	20.83	20.11	0.1026
66	15	20	354000	1770	DFT-s-OFDM 256 QAM	50@25	19.02	18.3	0.0676
66	15	20	354000	1770	DFT-s-OFDM 256 QAM	1@1	18.93	18.21	0.0662
66	15	20	354000	1770	DFT-s-OFDM 256 QAM	1@104	19.08	18.36	0.0685
66	15	20	354000	1770	CP-OFDM QPSK	53@26	22	21.28	0.1343
66	15	20	354000	1770	CP-OFDM QPSK	1@1	22.05	21.33	0.1358
66	15	20	354000	1770	CP-OFDM QPSK	1@104	22.13	21.41	0.1384

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	0.0055	PASS	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0032	PASS	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0046	PASS	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0046	PASS	-30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0064	PASS	-20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0041	PASS	-10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0026	PASS	0°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0027	PASS	10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0055	PASS	20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0038	PASS	30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0021	PASS	40°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0068	PASS	50°C

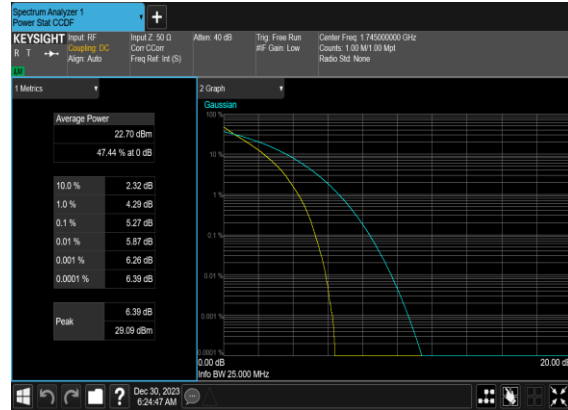
Peak to Average Ratio

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	4.27	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	5.27	13	PASS

B2_N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



B2_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	4.4641	4.815
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.468	4.779
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4728	4.79
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4712	4.787
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2784	9.717
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.281	9.696
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2821	9.711
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2523	9.709
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.1	14.65
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.092	14.72
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.108	14.68
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.102	14.66
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.899	19.66
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.898	19.71
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.908	19.64
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.88	19.72

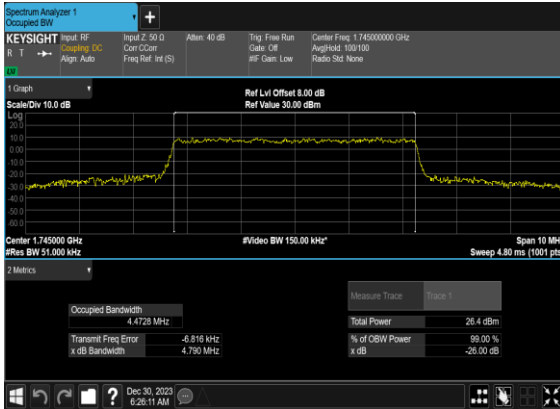
B2_N66(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



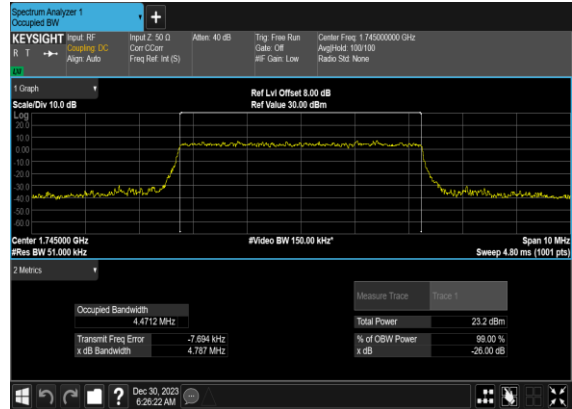
B2_N66(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



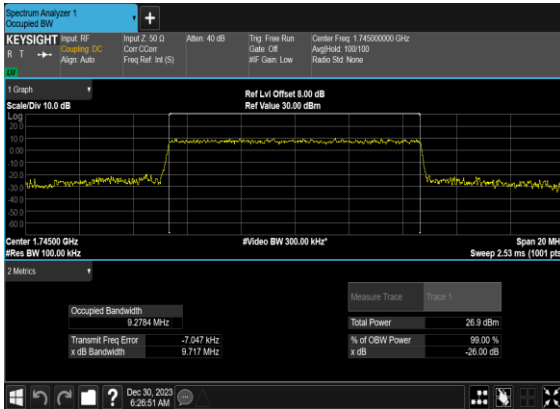
B2_N66(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



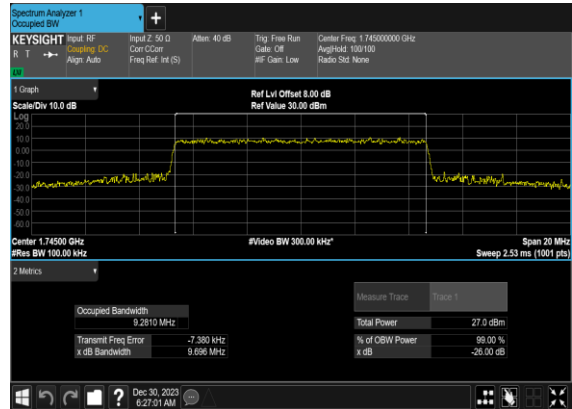
B2_N66(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



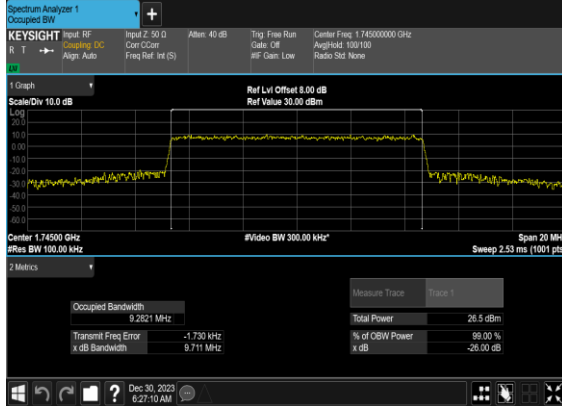
B2_N66(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



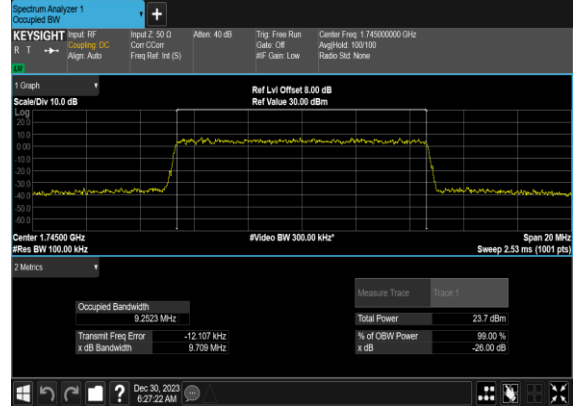
B2_N66(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



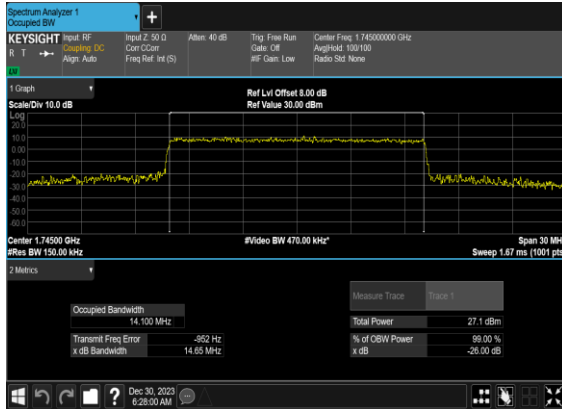
B2_N66(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



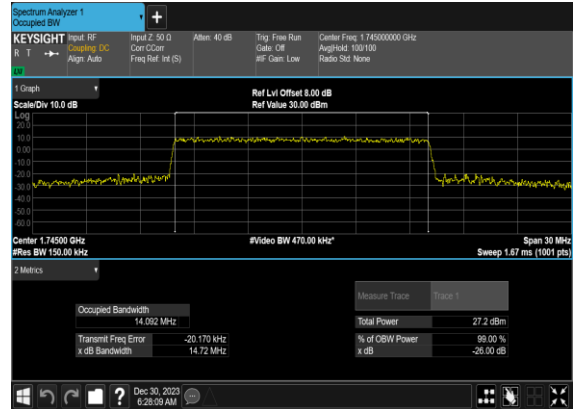
B2_N66(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



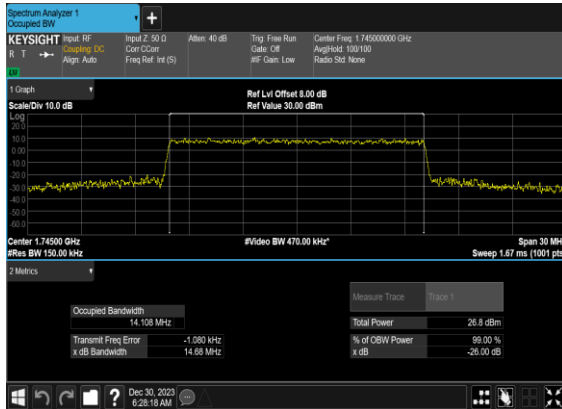
B2_N66(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



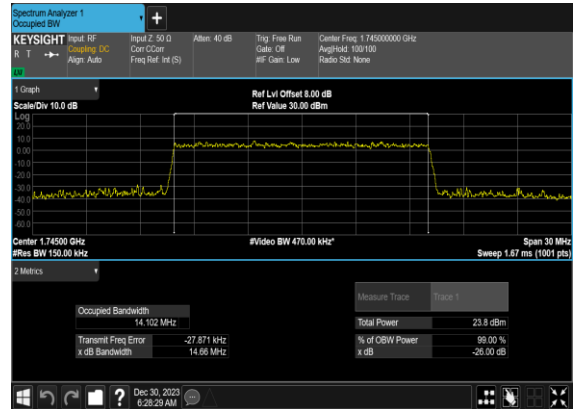
B2_N66(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B2_N66(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B2_N66(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



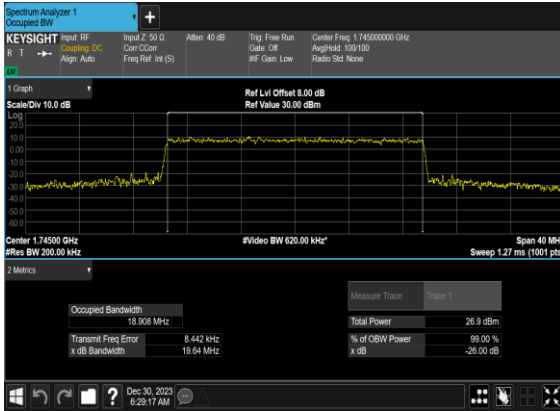
B2_N66(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



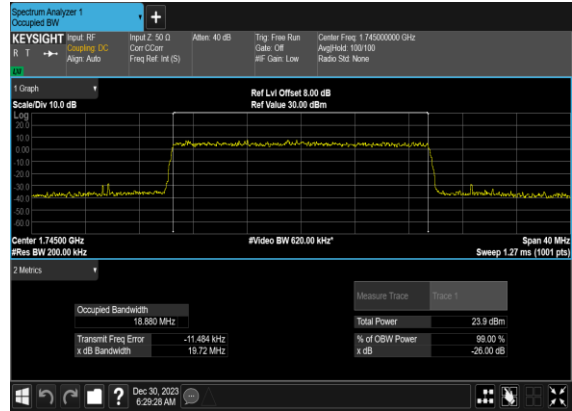
B2_N66(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B2_N66(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



B2_N66(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

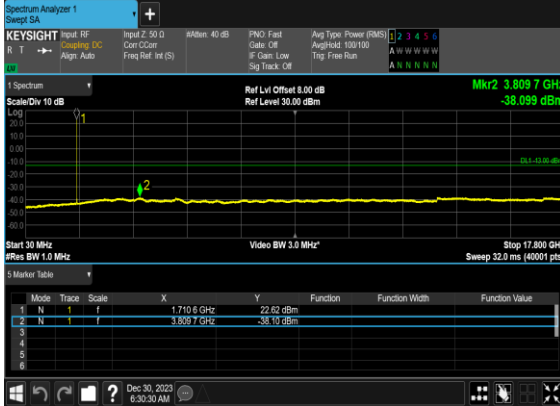


Conducted Spurious Emissions

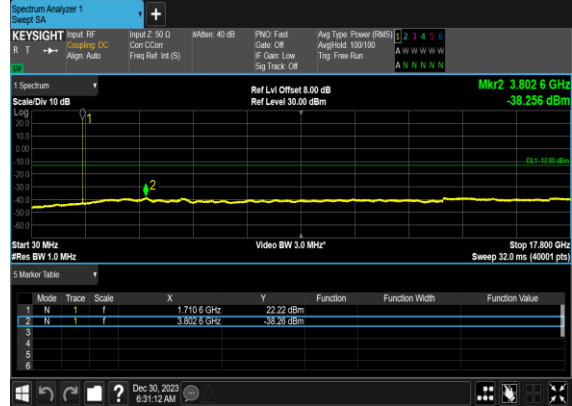
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	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	10	343000	1715.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	10	343000	1715.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	10	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	10	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	10	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	10	355000	1775.0	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

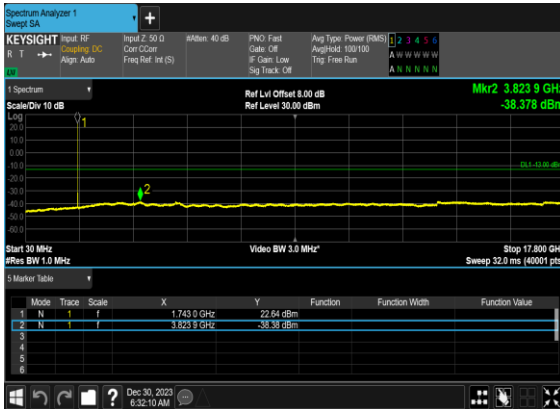
B2_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



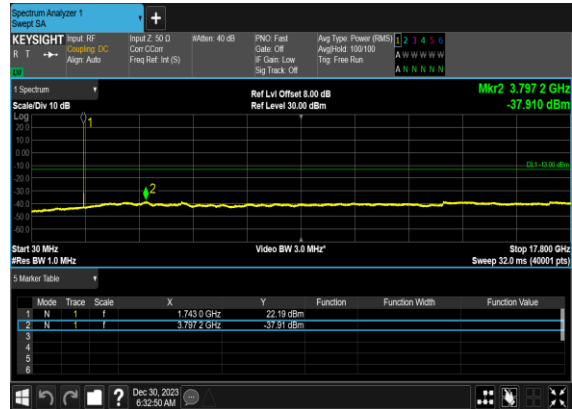
B2_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



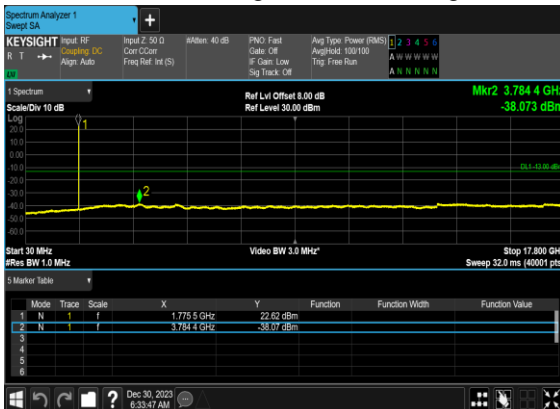
B2_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



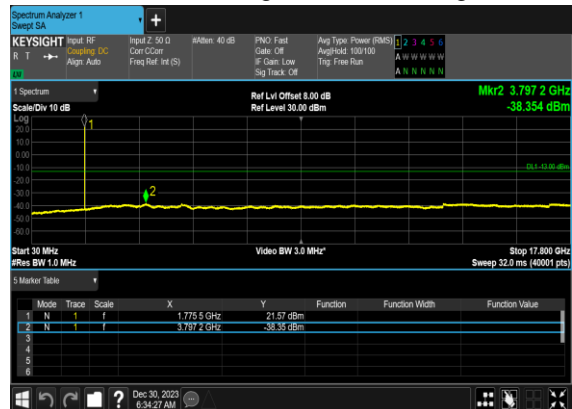
B2_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B2_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



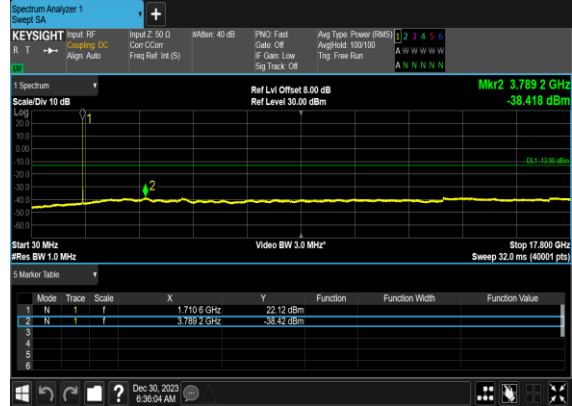
B2_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



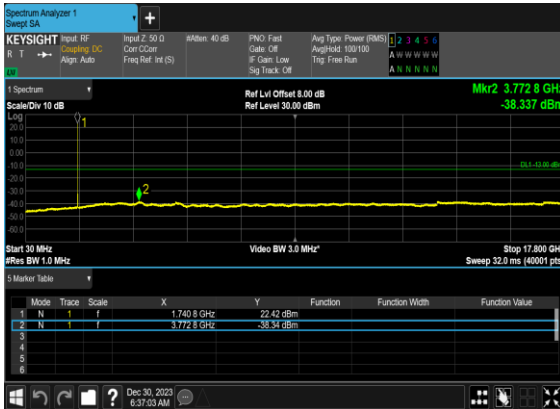
B2_N66(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



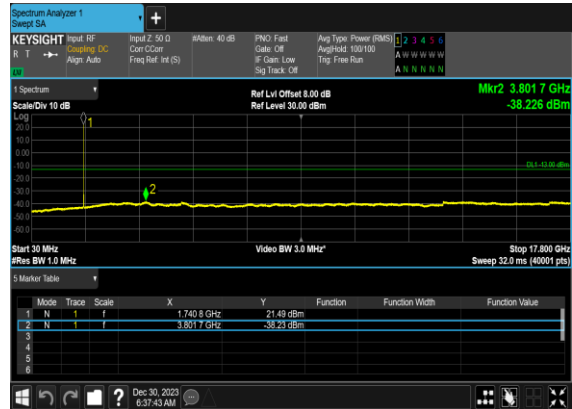
B2_N66(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N66(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



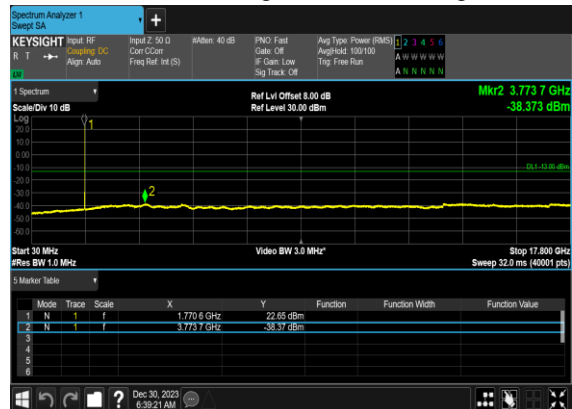
B2_N66(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B2_N66(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B2_N66(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B2_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B2_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



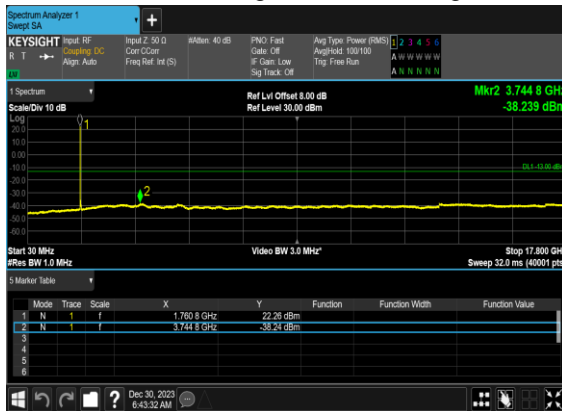
B2_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



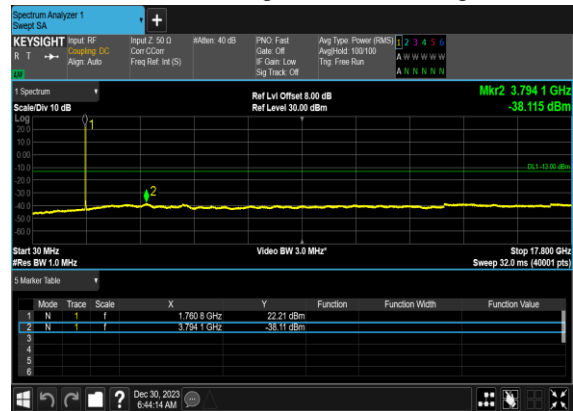
B2_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B2_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



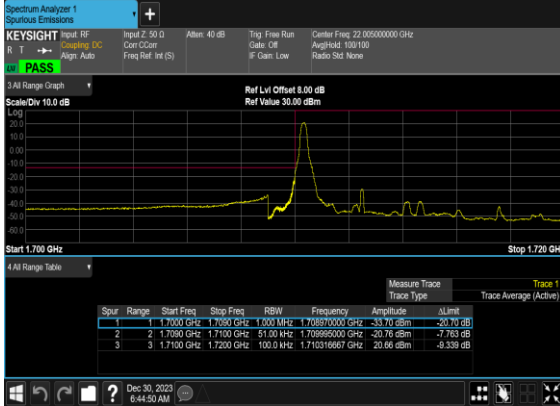
B2_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



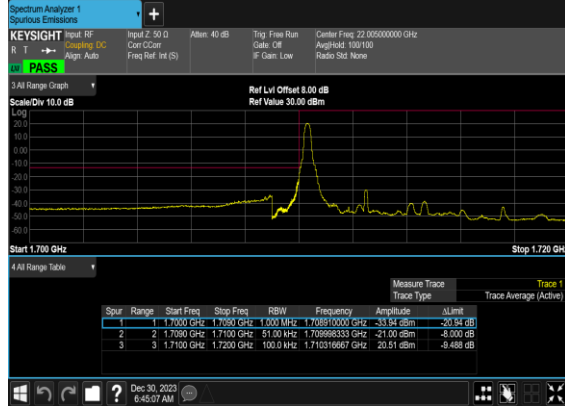
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
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	10	343000	1715.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	50@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

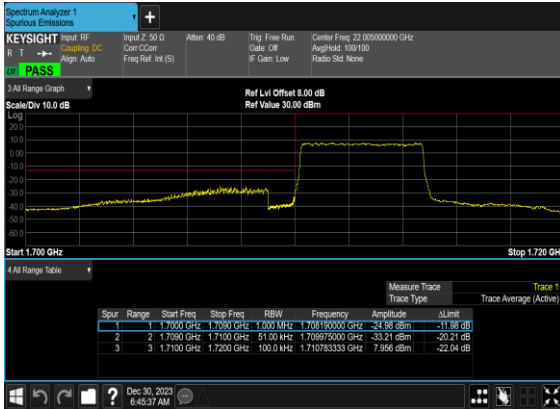
B2_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



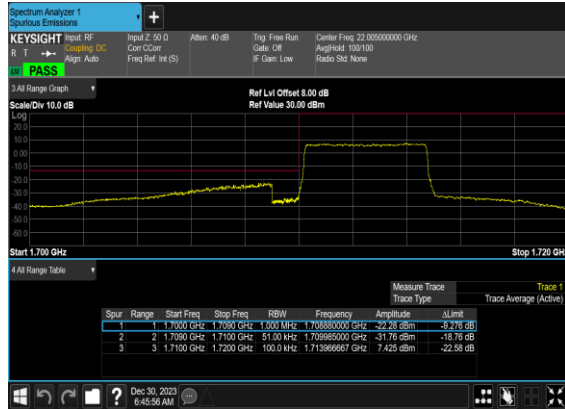
B2_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



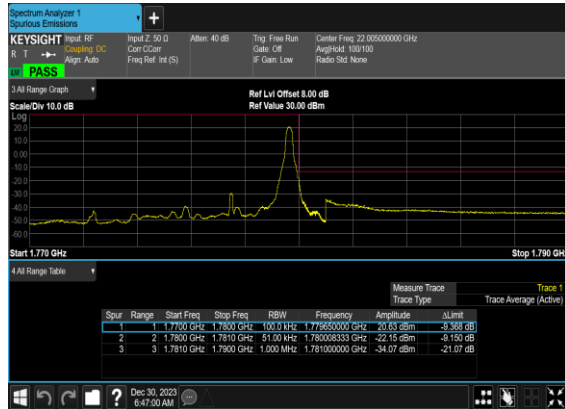
B2_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



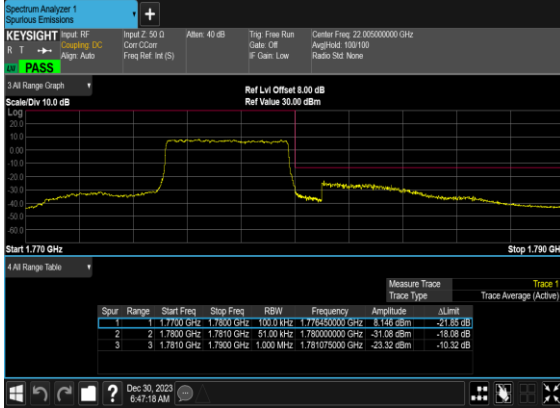
B2_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



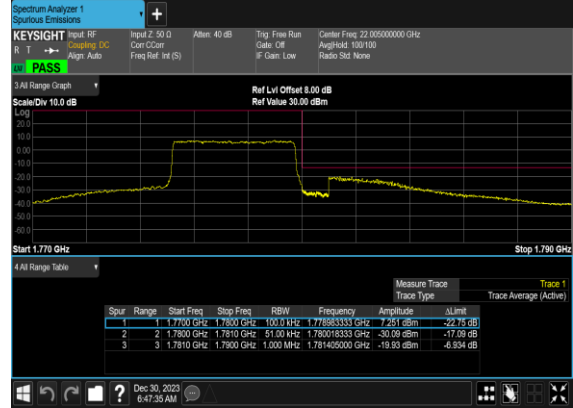
B2_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



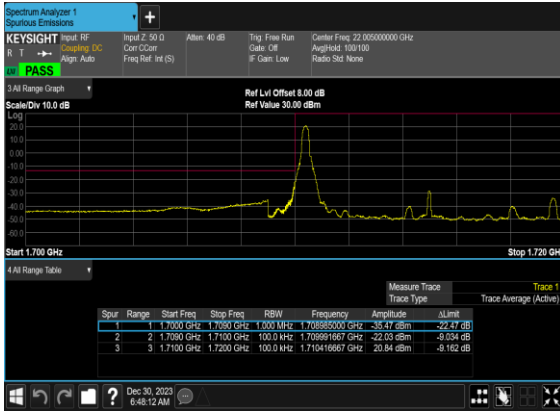
B2_N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



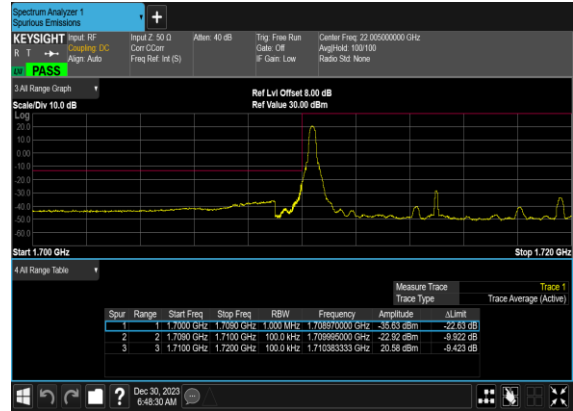
B2_N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



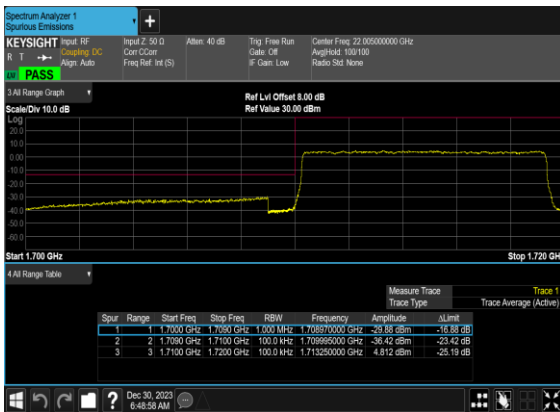
B2_N66(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



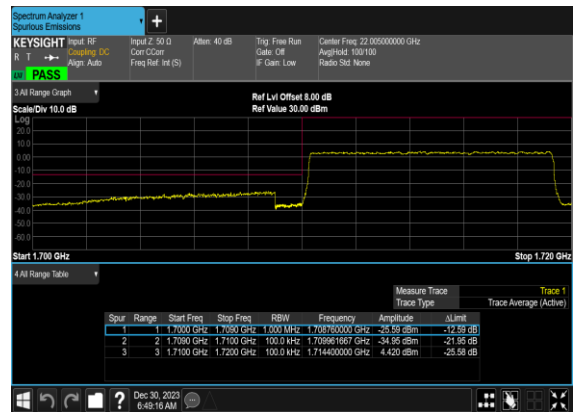
B2_N66(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N66(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



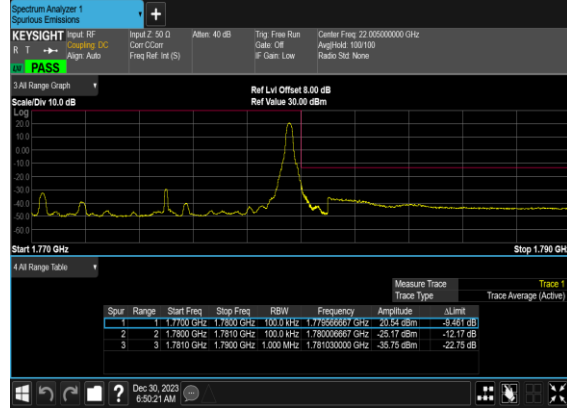
B2_N66(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B2_N66(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B2_N66(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



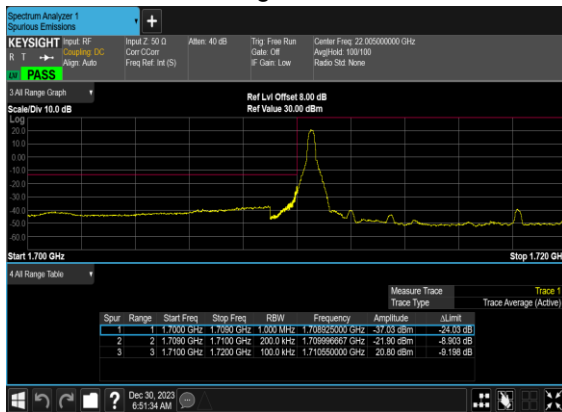
B2_N66(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



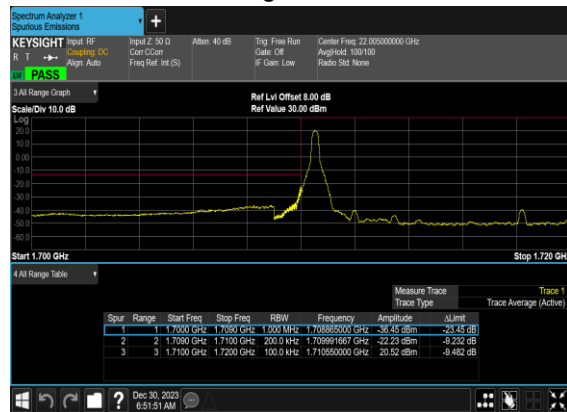
B2_N66(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



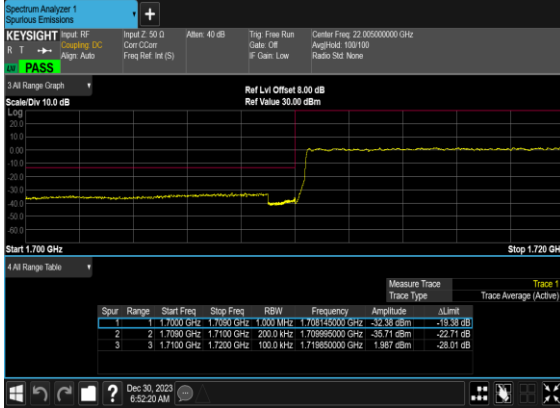
B2_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



B2_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



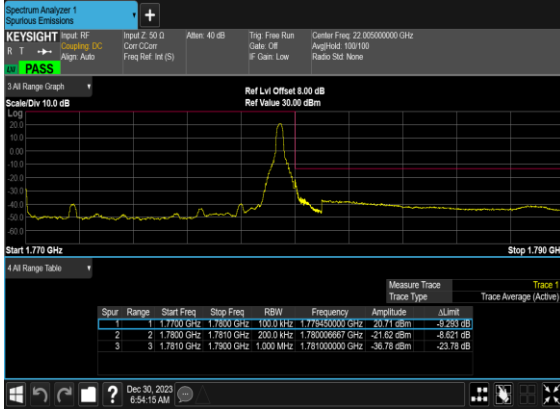
B2_N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



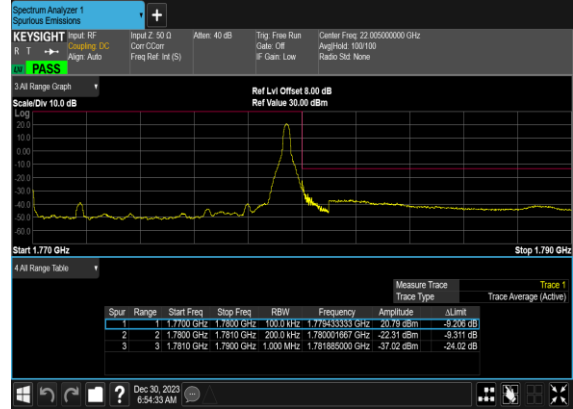
B2_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



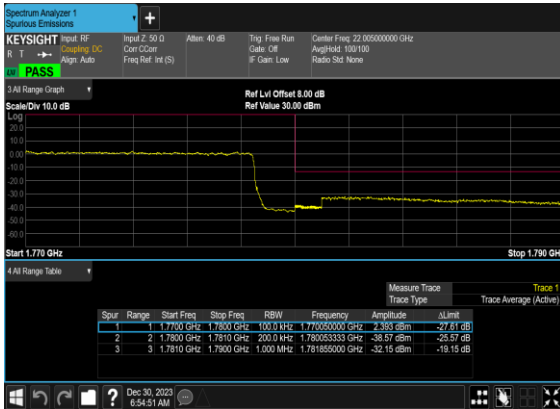
B2_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



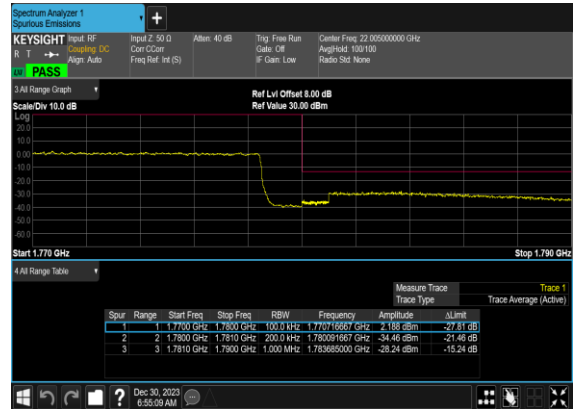
B2_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B2_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	HuaCong Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

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

n5 SA / NR 20MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1654.5	-64.65	-13	-51.65	-76.78	-67.90	4.00	9.40	H
	2481.75	-59.66	-13	-46.66	-78.91	-63.23	4.88	10.60	H
	3309	-58.16	-13	-45.16	-79.31	-63.09	5.52	12.60	H
	1654.5	-64.01	-13	-51.01	-76.78	-67.26	4.00	9.40	V
	2481.75	-59.39	-13	-46.39	-78.96	-62.96	4.88	10.60	V
	3309	-57.52	-13	-44.52	-79.37	-62.45	5.52	12.60	V

EN-DC_7A_n5A / LTE 10MHz + NR 20MHz / QPSK (ANT1+0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n5 Middle	1654.5	-63.88	-13	-50.88	-76.01	-67.13	4.00	9.40	H
	2481.75	-58.69	-13	-45.69	-77.94	-62.26	4.88	10.60	H
	3309	-57.40	-13	-44.40	-78.55	-62.33	5.52	12.60	H
	1654.5	-63.16	-13	-50.16	-75.93	-66.41	4.00	9.40	V
	2481.75	-58.34	-13	-45.34	-77.91	-61.91	4.88	10.60	V
	3309	-56.78	-13	-43.78	-78.63	-61.71	5.52	12.60	V
LTE Band7 Middle	5061.18	-56.75	-25	-31.75	-80.82	-62.31	7.14	12.70	H
	7591.77	-54.48	-25	-29.48	-81.11	-57.78	8.30	11.60	H
	10122.36	-51.25	-25	-26.25	-82.21	-52.77	10.48	12.00	H
	5061.18	-55.58	-25	-30.58	-80.86	-61.14	7.14	12.70	V
	7591.77	-54.90	-25	-29.90	-81.53	-58.20	8.30	11.60	V
	10122.36	-50.29	-25	-25.29	-82.3	-51.81	10.48	12.00	V

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



n7 SA / NR 20MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5051.50	-57.72	-25	-32.72	-81.67	-63.28	7.14	12.70	H
	7577.25	-55.34	-25	-30.34	-82.04	-58.64	8.30	11.60	H
	10103.00	-52.18	-25	-27.18	-83.09	-53.70	10.48	12.00	H
	5051.50	-56.42	-25	-31.42	-81.7	-61.98	7.14	12.70	V
	7577.25	-55.46	-25	-30.46	-82.16	-58.76	8.30	11.60	V
	10103.00	-50.59	-25	-25.59	-82.43	-52.11	10.48	12.00	V

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

EN-DC 7A_n7A / LTE 10MHz + NR 20MHz / QPSK (ANT1+0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n7 Middle	5051.50	-57.32	-25	-32.32	-81.27	-62.88	7.14	12.70	H
	7577.25	-54.90	-25	-29.90	-81.60	-58.20	8.30	11.60	H
	10103.00	-51.92	-25	-26.92	-82.83	-53.44	10.48	12.00	H
	5051.50	-55.91	-25	-30.91	-81.19	-61.47	7.14	12.70	V
	7577.25	-54.96	-25	-29.96	-81.66	-58.26	8.30	11.60	V
	10103.00	-50.46	-25	-25.46	-82.3	-51.98	10.48	12.00	V
LTE Band7 Middle	5001.00	-58.02	-25	-33.02	-81.67	-63.58	7.12	12.68	H
	7501.50	-54.77	-25	-29.77	-81.77	-58.10	8.26	11.59	H
	10002.00	-52.78	-25	-27.78	-83.60	-54.31	10.45	11.98	H
	5001.00	-56.62	-25	-31.62	-81.95	-62.18	7.12	12.68	V
	7501.50	-55.25	-25	-30.25	-82.24	-58.58	8.26	11.59	V
	10002.00	-52.76	-25	-27.76	-84.22	-54.29	10.45	11.98	V

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



N41 SA / NR 100MHz / QPSK(ANT0) / Main PA									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5089.00	-55.10	-25	-30.10	-79.38	-60.66	7.14	12.70	H
	7633.50	-55.00	-25	-30.00	-81.54	-58.30	8.30	11.60	H
	10178.00	-52.42	-25	-27.42	-83.44	-53.94	10.48	12.00	H
	5089.00	-55.66	-25	-30.66	-80.92	-61.22	7.14	12.70	V
	7633.50	-54.62	-25	-29.62	-81.84	-57.92	8.30	11.60	V
	10178.00	-51.10	-25	-26.10	-83.34	-52.62	10.48	12.00	V

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

EN-DC_41A_n41A / LTE 10MHz + NR 100MHz / QPSK (ANT1+0) / Other PA									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n41 Middle	5089.00	-56.22	-25	-31.22	-80.50	-61.78	7.14	12.70	H
	7633.50	-55.03	-25	-30.03	-81.57	-58.33	8.30	11.60	H
	10178.00	-51.87	-25	-26.87	-82.89	-53.39	10.48	12.00	H
	5089.00	-56.22	-25	-31.22	-81.48	-61.78	7.14	12.70	V
	7633.50	-54.35	-25	-29.35	-81.57	-57.65	8.30	11.60	V
	10178.00	-50.82	-25	-25.82	-83.06	-52.34	10.48	12.00	V
LTE Band41 Middle	4993.00	-58.71	-25	-33.71	-82.36	-64.27	7.12	12.68	H
	7489.50	-54.76	-25	-29.76	-81.78	-58.09	8.26	11.59	H
	9986.00	-53.31	-25	-28.31	-84.08	-54.84	10.45	11.98	H
	4993.00	-56.58	-25	-31.58	-81.91	-62.14	7.12	12.68	V
	7489.50	-54.75	-25	-29.75	-81.76	-58.08	8.26	11.59	V
	9986.00	-52.18	-25	-27.18	-83.53	-53.71	10.45	11.98	V

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



N66 SA / NR 100MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471.5	-58.54	-13	-45.54	-80.79	-65.39	5.65	12.50	H
	5207.25	-56.95	-13	-43.95	-81.80	-62.62	7.13	12.80	H
	6943	-55.52	-13	-42.52	-81.85	-58.92	8.40	11.80	H
	3471.5	-57.76	-13	-44.76	-79.81	-64.61	5.65	12.50	V
	5207.25	-56.70	-13	-43.70	-81.82	-62.37	7.13	12.80	V
	6943	-54.46	-13	-41.46	-81.52	-57.86	8.40	11.80	V

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

EN-DC_7A_n66A / LTE 10MHz + NR 100MHz / QPSK (ANT1+0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n66 Middle	3471.5	-58.04	-13	-45.04	-80.29	-64.89	5.65	12.50	H
	5207.25	-56.52	-13	-43.52	-81.37	-62.19	7.13	12.80	H
	6943	-55.05	-13	-42.05	-81.38	-58.45	8.40	11.80	H
	3471.5	-57.25	-13	-44.25	-79.3	-64.10	5.65	12.50	V
	5207.25	-56.39	-13	-43.39	-81.51	-62.06	7.13	12.80	V
	6943	-54.52	-13	-41.52	-81.58	-57.92	8.40	11.80	V
LTE Band7 Middle	5061.18	-57.40	-25	-32.40	-81.47	-62.96	7.14	12.70	H
	7591.77	-54.96	-25	-29.96	-81.59	-58.26	8.30	11.60	H
	10122.36	-51.57	-25	-26.57	-82.53	-53.09	10.48	12.00	H
	5061.18	-55.89	-25	-30.89	-81.17	-61.45	7.14	12.70	V
	7591.77	-55.07	-25	-30.07	-81.7	-58.37	8.30	11.60	V
	10122.36	-50.55	-25	-25.55	-82.56	-52.07	10.48	12.00	V

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