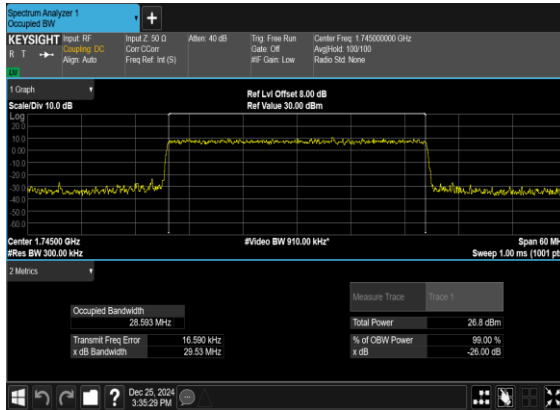
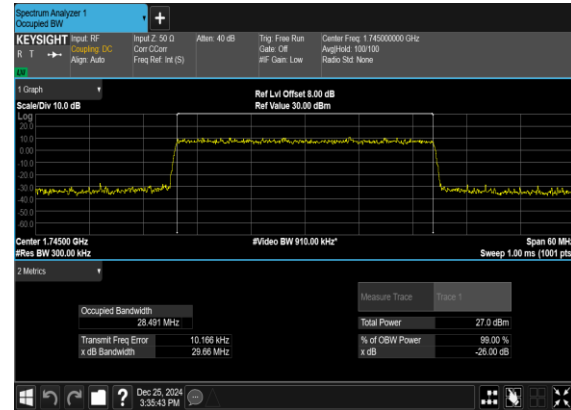




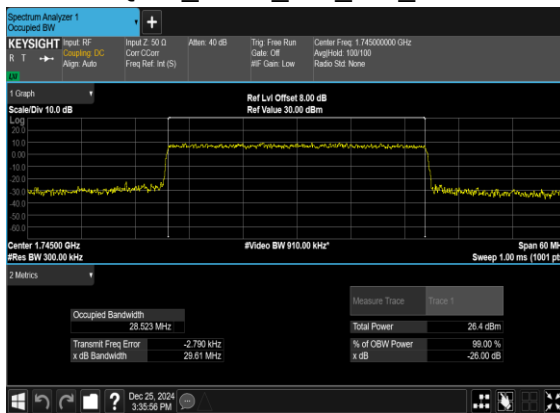
B2_N66(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



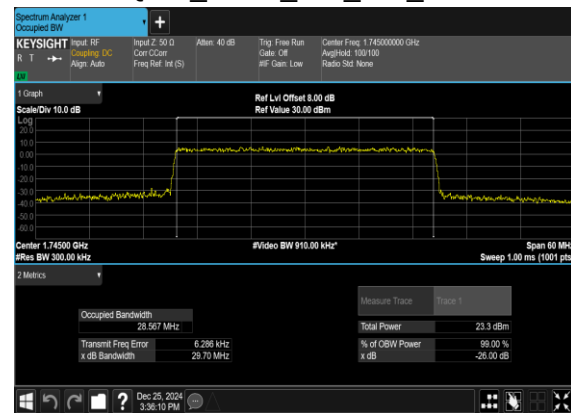
B2_N66(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B2_N66(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

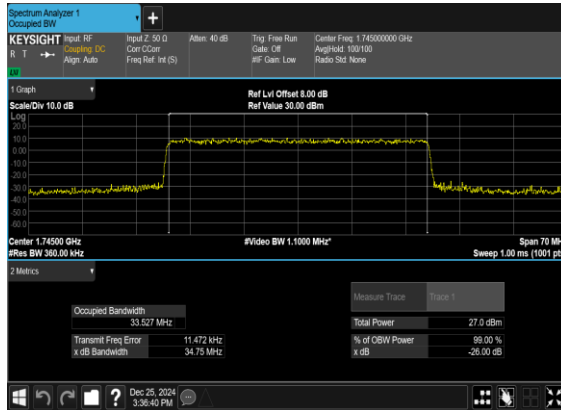


B2_N66(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

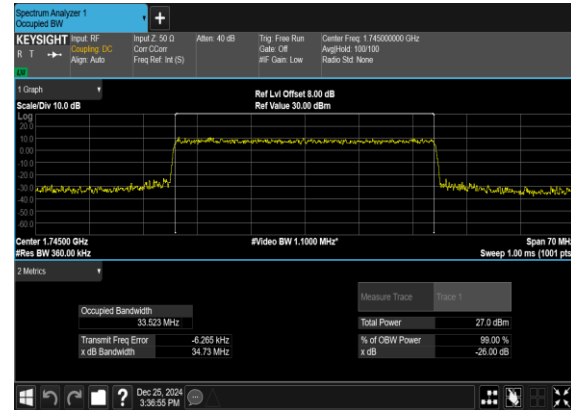




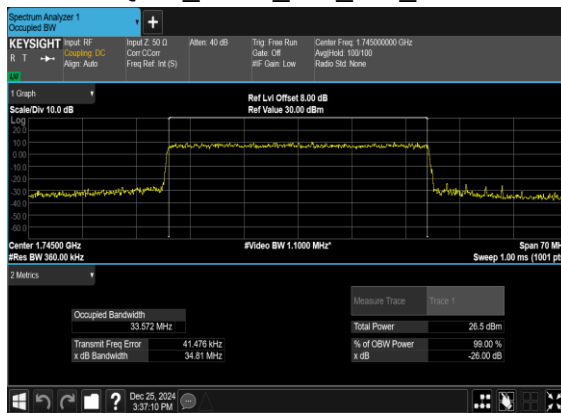
B2_N66(35M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



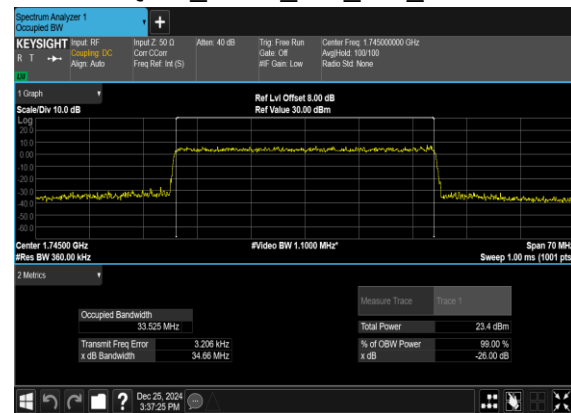
B2_N66(35M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B2_N66(35M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

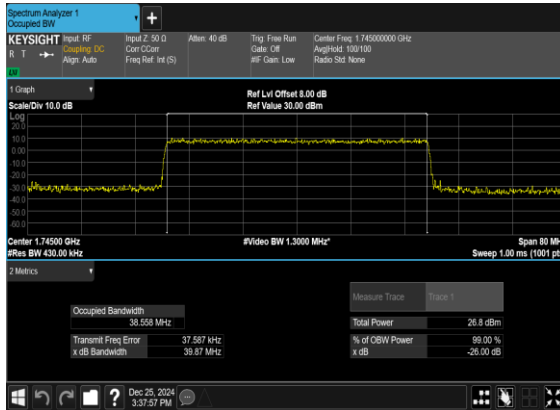


B2_N66(35M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

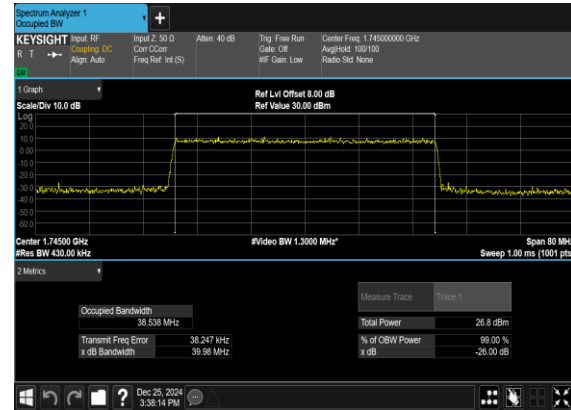




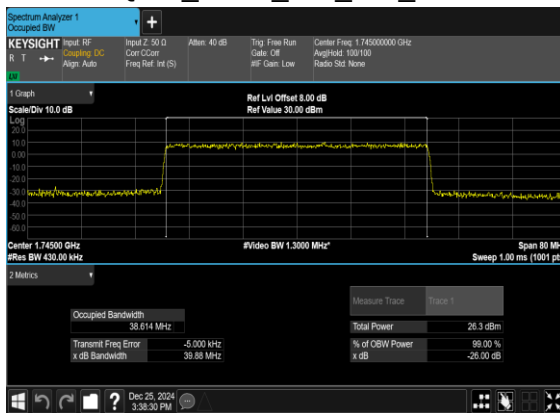
B2_N66(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



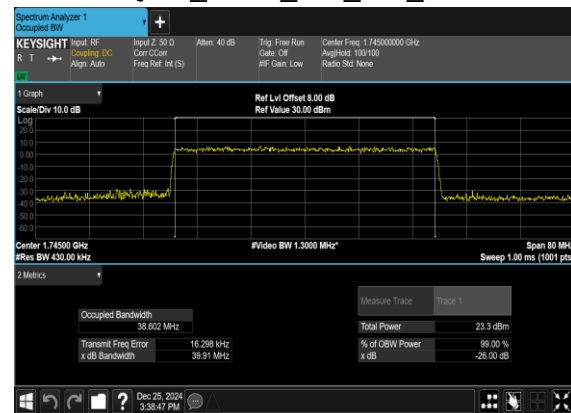
B2_N66(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B2_N66(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

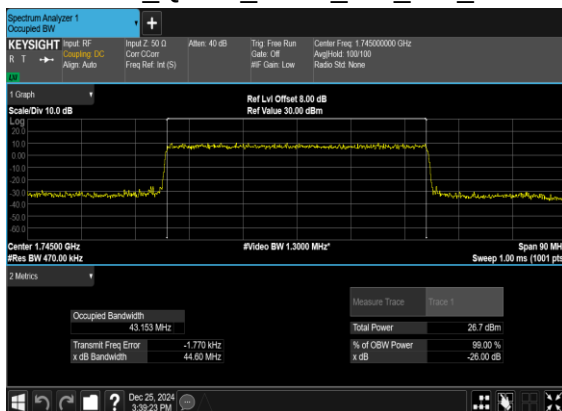


B2_N66(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

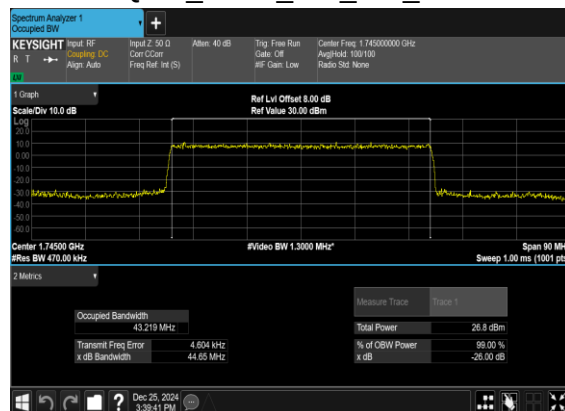




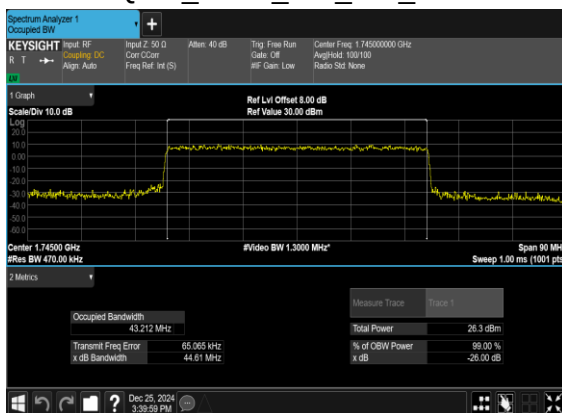
B2_N66(45M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



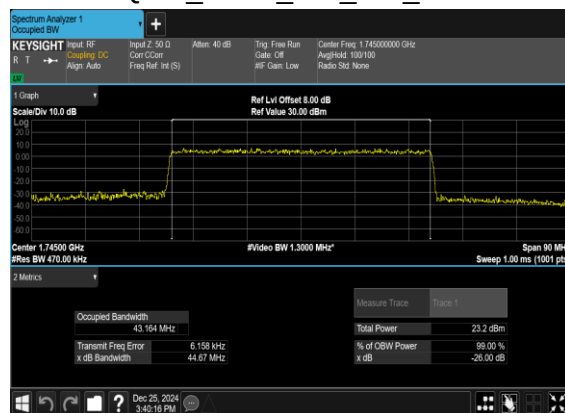
B2_N66(45M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B2_N66(45M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B2_N66(45M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

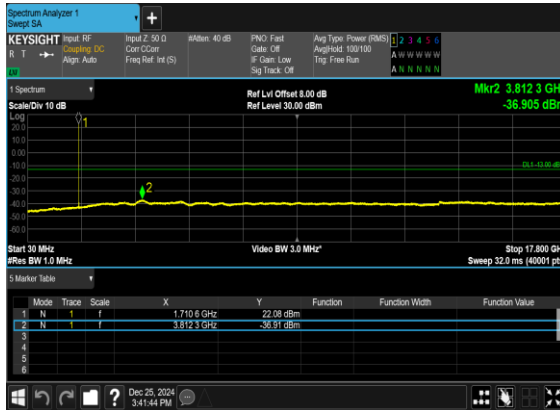
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	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	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	25	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	25	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	25	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---



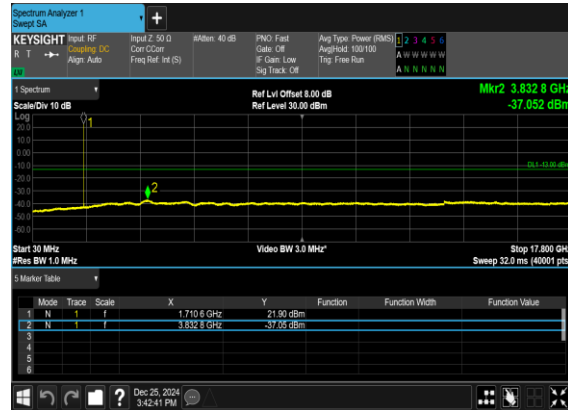
66	15	25	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	45	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	45	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	45	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	45	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@0	see graph	PASS



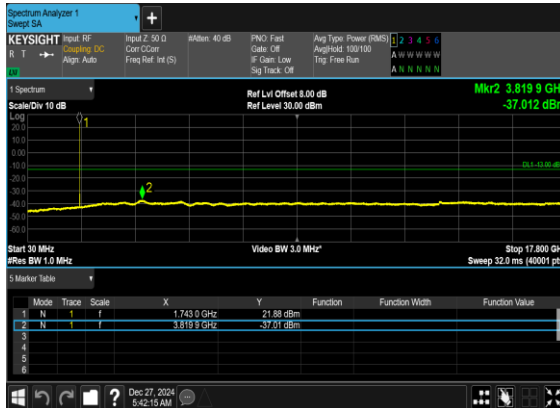
B2_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



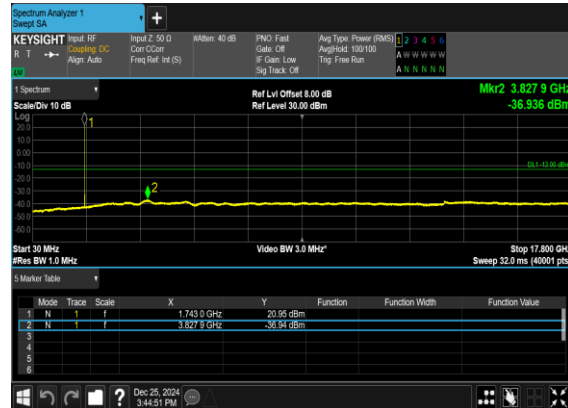
B2_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

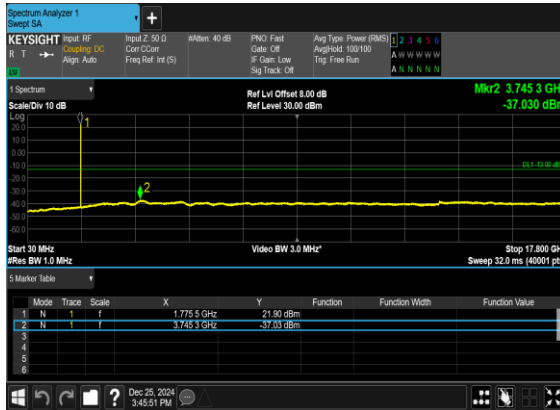


B2_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

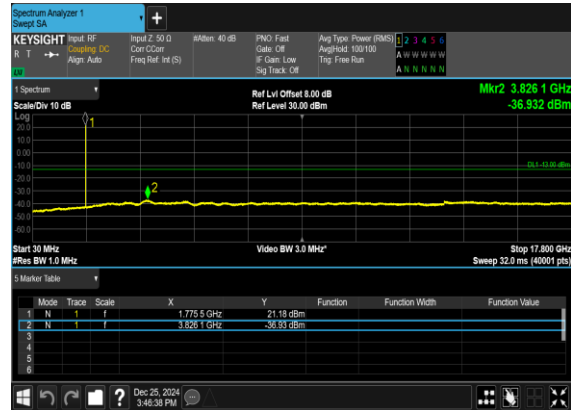




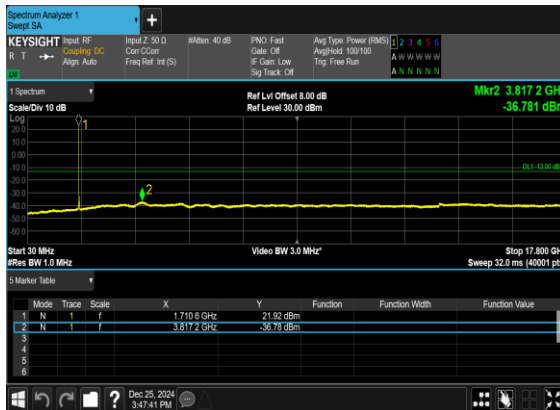
B2_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



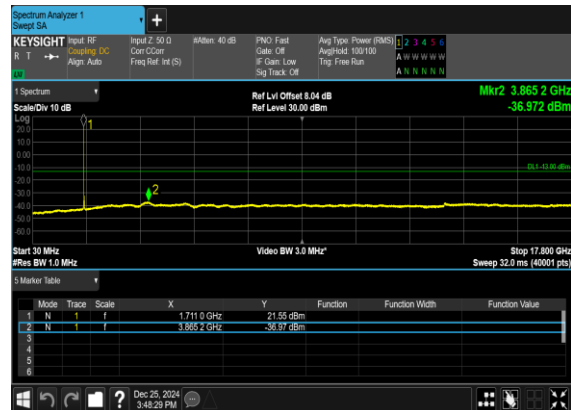
B2_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



B2_N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

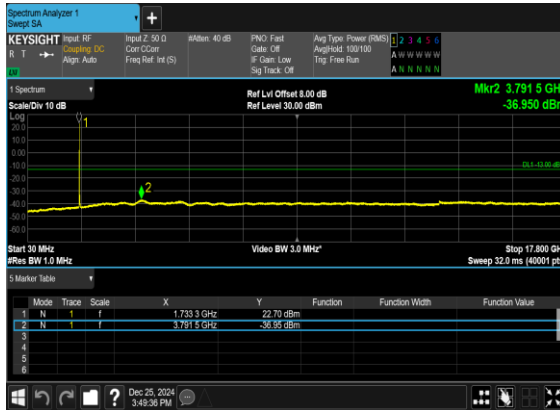


B2_N66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

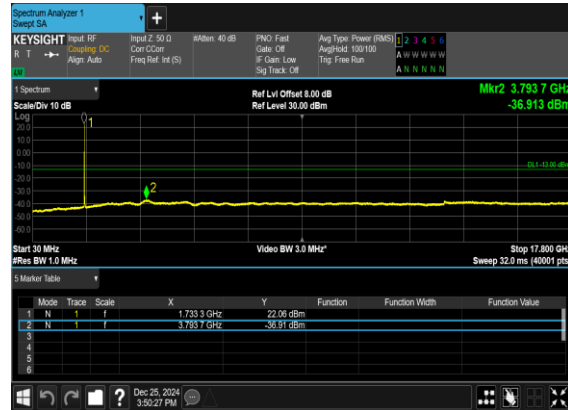




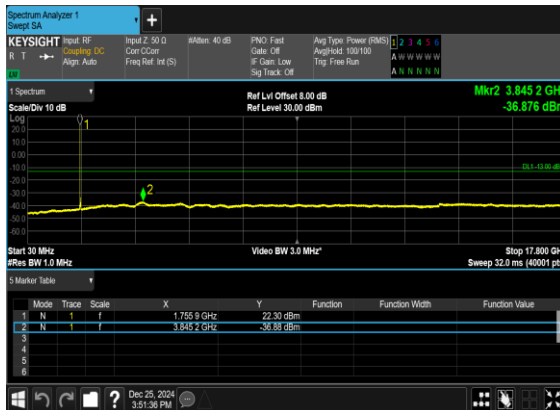
B2_N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



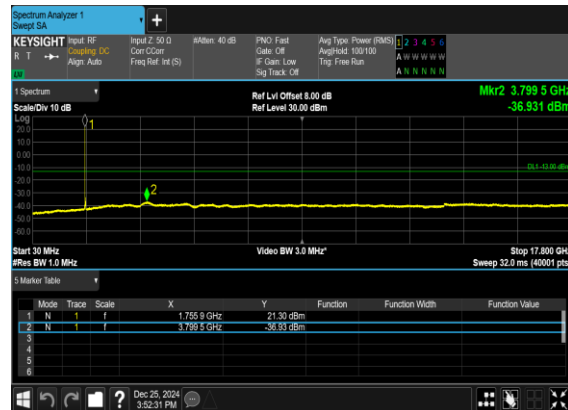
B2_N66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



B2_N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

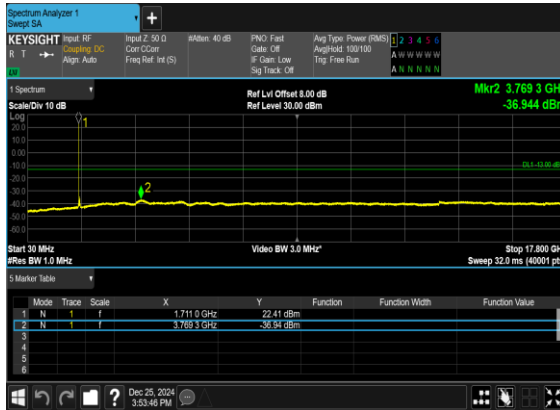


B2_N66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

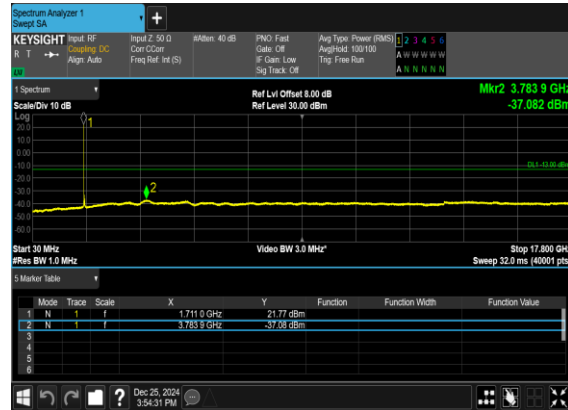




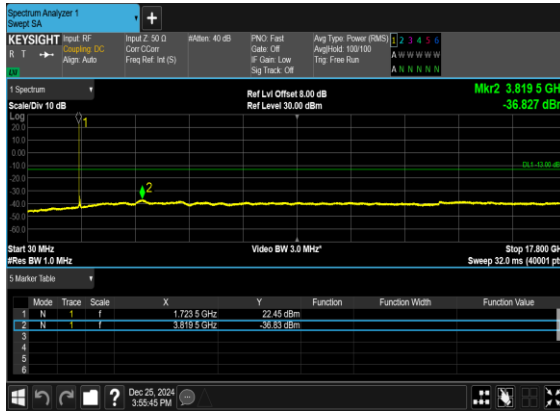
B2_N66(45M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



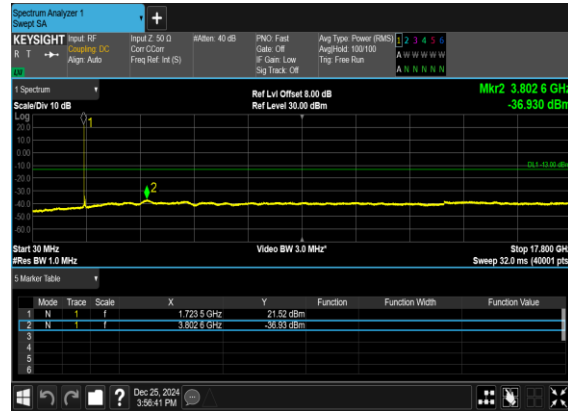
B2_N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N66(45M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

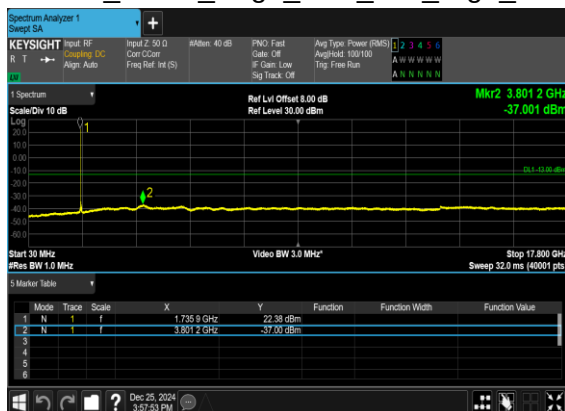


B2_N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH





B2_N66(45M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



B2_N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

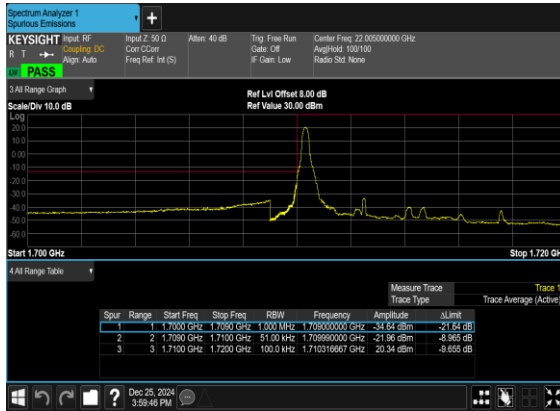
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	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	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@132	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@132	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	240@0	see graph	PASS



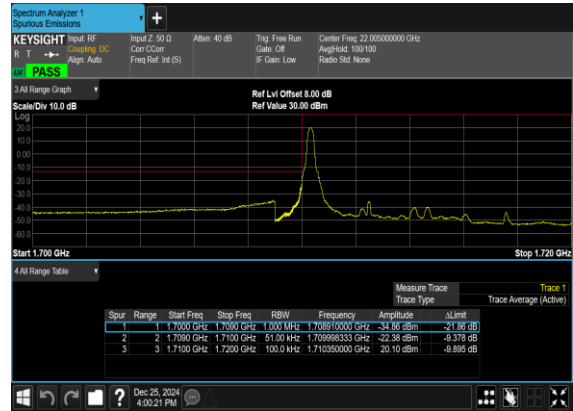
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	240@0	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@241	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@241	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	240@0	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	240@0	see graph	PASS



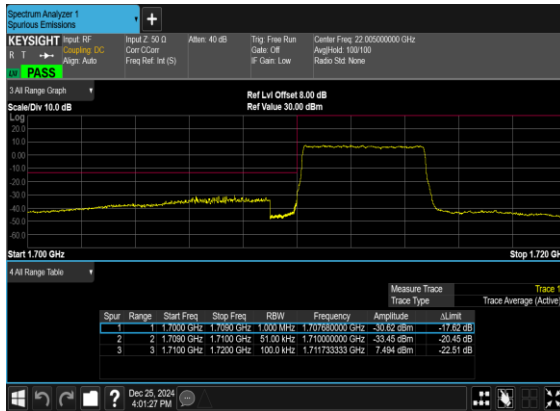
B2_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



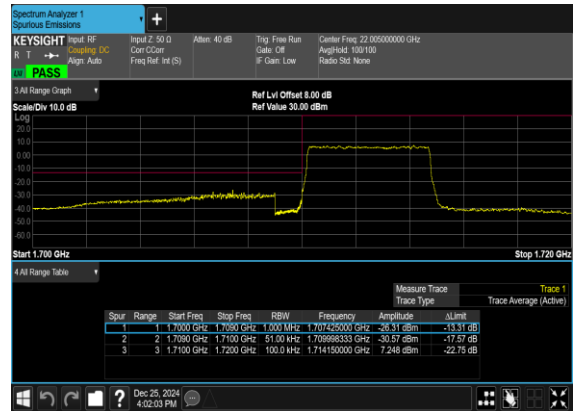
B2_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

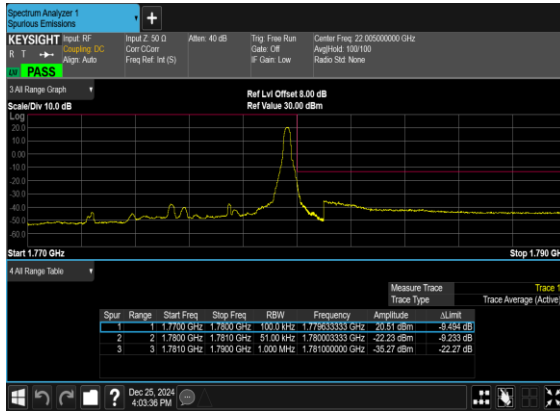


B2_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

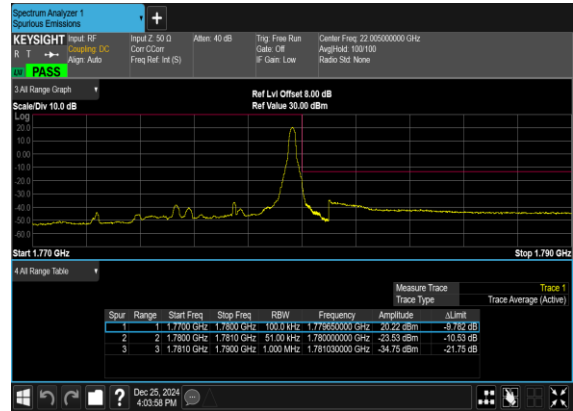




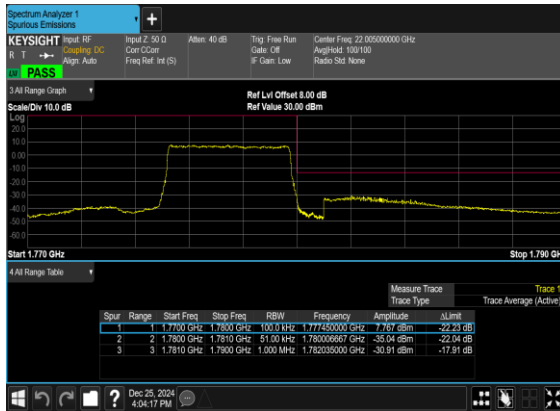
B2_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B2_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

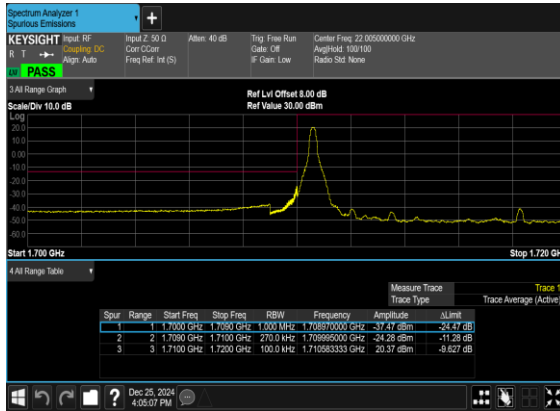


B2_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

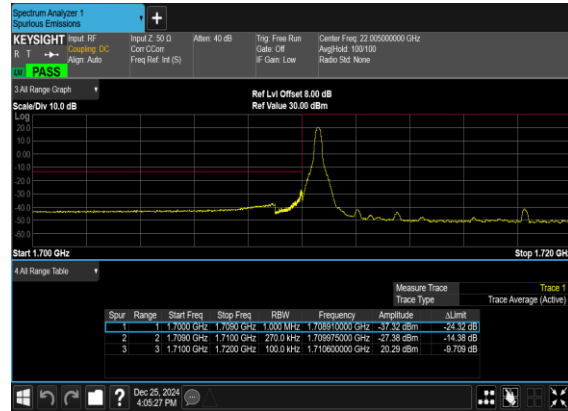




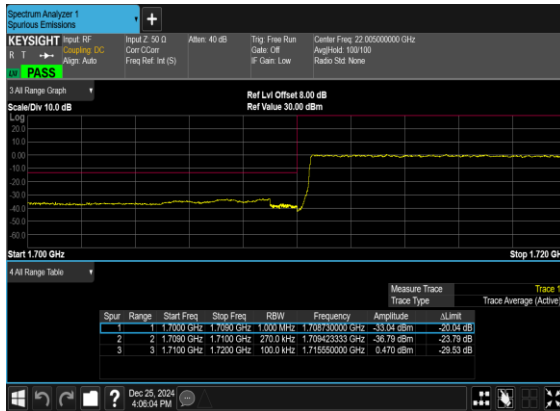
B2_N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



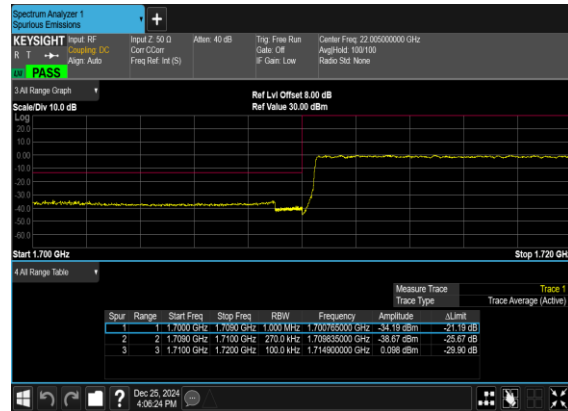
B2_N66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N66(25M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

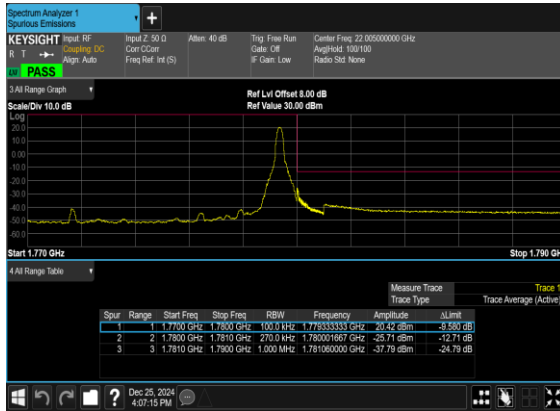


B2_N66(25M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

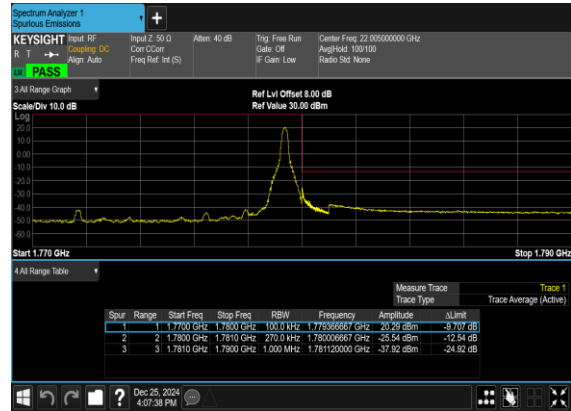




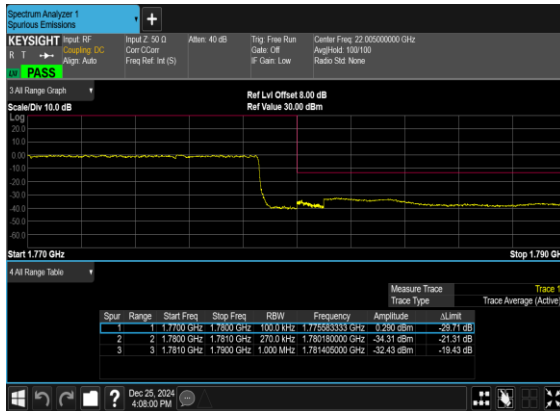
B2_N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B2_N66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N66(25M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

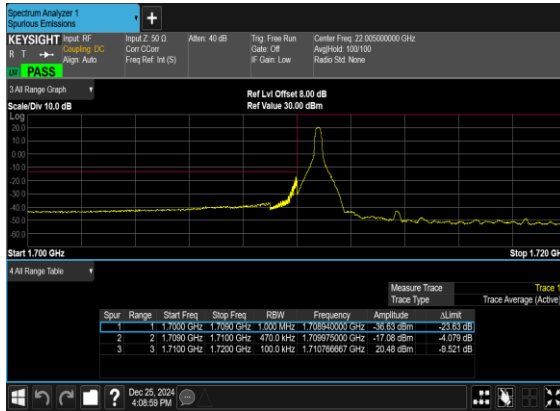


B2_N66(25M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

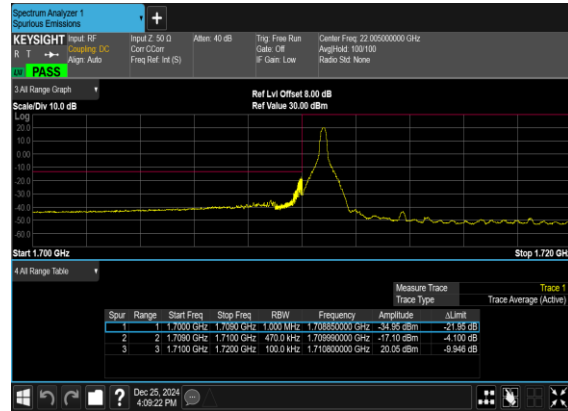




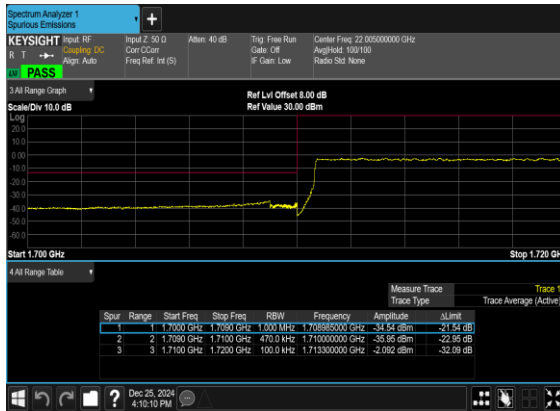
B2_N66(45M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



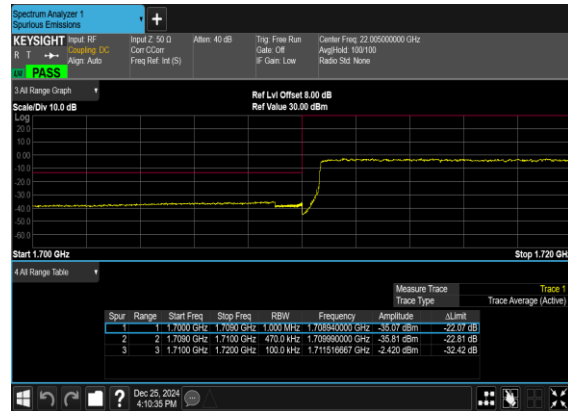
B2_N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N66(45M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

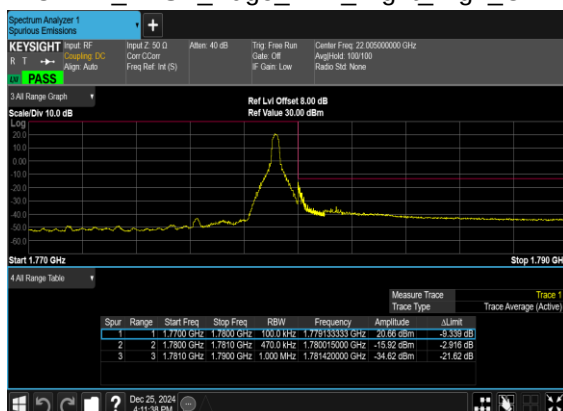


B2_N66(45M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

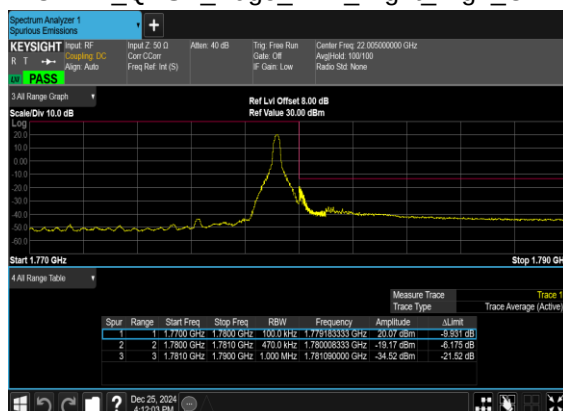




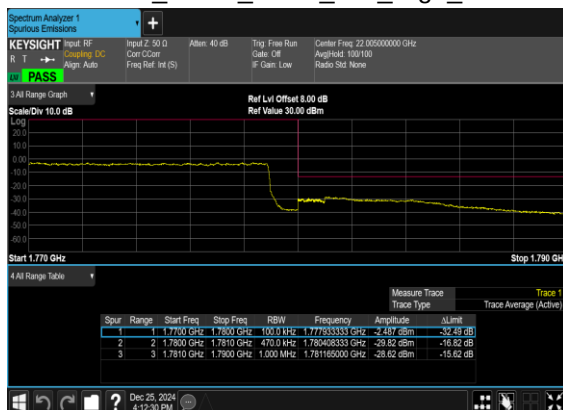
B2_N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



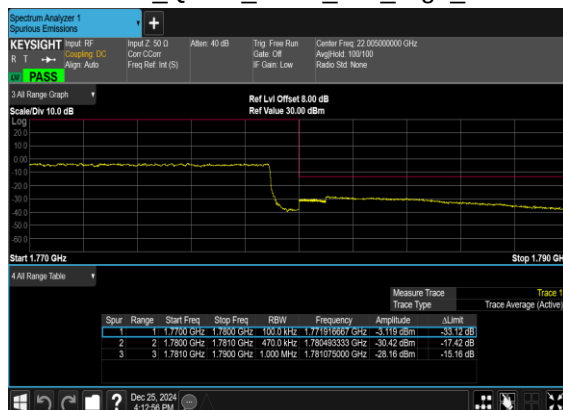
B2_N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N66(45M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B2_N66(45M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





FR1 N66(NSA mode)

LTE Band: 5, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=-2.2dB

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	23.37	21.17	0.1309
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	23.35	21.15	0.1303
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@23	23.1	20.9	0.1230
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	12@6	22.37	20.17	0.1040
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	22.63	20.43	0.1104
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@23	22.39	20.19	0.1045
66	15	5	349000	1745	DFT-s-OFDM QPSK	12@6	23.47	21.27	0.1340
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	23.35	21.15	0.1303
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@23	23.34	21.14	0.1300
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	12@6	22.45	20.25	0.1059
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.59	20.39	0.1094
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@23	22.67	20.47	0.1114
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	12@6	23.44	21.24	0.1330
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	23.23	21.03	0.1268
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@23	23.36	21.16	0.1306
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	12@6	22.4	20.2	0.1047
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	22.53	20.33	0.1079
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@23	22.59	20.39	0.1094
66	15	10	343000	1715	DFT-s-OFDM QPSK	25@12	23.21	21.01	0.1262
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	23.44	21.24	0.1330
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@50	23.08	20.88	0.1225
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	25@12	22.21	20.01	0.1002
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	22.7	20.5	0.1122
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@50	22.28	20.08	0.1019
66	15	10	349000	1745	DFT-s-OFDM QPSK	25@12	23.41	21.21	0.1321
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	23.34	21.14	0.1300
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@50	23.41	21.21	0.1321
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	25@12	22.42	20.22	0.1052
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.59	20.39	0.1094
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@50	22.73	20.53	0.1130
66	15	10	355000	1775	DFT-s-OFDM QPSK	25@12	23.35	21.15	0.1303
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	23.2	21	0.1259
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@50	23.42	21.22	0.1324



66	15	10	355000	1775	DFT-s-OFDM 16 QAM	25@12	22.34	20.14	0.1033
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	22.5	20.3	0.1072
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@50	22.69	20.49	0.1119
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	36@18	23.16	20.96	0.1247
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	23.39	21.19	0.1315
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@77	23.03	20.83	0.1211
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	36@18	22.21	20.01	0.1002
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	22.65	20.45	0.1109
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@77	22.23	20.03	0.1007
66	15	15	349000	1745	DFT-s-OFDM QPSK	36@18	23.43	21.23	0.1327
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	23.25	21.05	0.1274
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@77	23.36	21.16	0.1306
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	36@18	22.46	20.26	0.1062
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.45	20.25	0.1059
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@77	22.71	20.51	0.1125
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	36@18	23.28	21.08	0.1282
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	23.29	21.09	0.1285
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@77	23.42	21.22	0.1324
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	36@18	22.31	20.11	0.1026
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	22.47	20.27	0.1064
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@77	22.67	20.47	0.1114
66	15	20	344000	1720	DFT-s-OFDM QPSK	50@25	23.12	20.92	0.1236
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	23.42	21.22	0.1324
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@104	23.04	20.84	0.1213
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	50@25	22.12	19.92	0.0982
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	22.69	20.49	0.1119
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@104	22.28	20.08	0.1019
66	15	20	349000	1745	DFT-s-OFDM QPSK	50@25	23.45	21.25	0.1334
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	23.19	20.99	0.1256
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@104	23.38	21.18	0.1312
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	50@25	22.42	20.22	0.1052
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.41	20.21	0.1050
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@104	22.72	20.52	0.1127
66	15	20	354000	1770	DFT-s-OFDM QPSK	50@25	23.31	21.11	0.1291
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	23.31	21.11	0.1291
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@104	23.44	21.24	0.1330
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	50@25	22.31	20.11	0.1026
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	22.49	20.29	0.1069
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@104	22.69	20.49	0.1119
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	64@32	23.05	20.85	0.1216
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@1	23.32	21.12	0.1294
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@131	23.03	20.83	0.1211



66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	64@32	22.06	19.86	0.0968
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@1	22.57	20.37	0.1089
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@131	22.28	20.08	0.1019
66	15	25	349000	1745	DFT-s-OFDM QPSK	64@32	23.46	21.26	0.1337
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@1	23	20.8	0.1202
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@131	23.34	21.14	0.1300
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	64@32	22.43	20.23	0.1054
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.25	20.05	0.1012
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@131	22.58	20.38	0.1091
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	64@32	23.27	21.07	0.1279
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@1	23.26	21.06	0.1276
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@131	23.28	21.08	0.1282
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	64@32	22.31	20.11	0.1026
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@1	22.54	20.34	0.1081
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@131	22.54	20.34	0.1081
66	15	30	345000	1725	DFT-s-OFDM QPSK	80@40	23.05	20.85	0.1216
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	23.45	21.25	0.1334
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@158	23.35	21.15	0.1303
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	80@40	22.07	19.87	0.0971
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	22.69	20.49	0.1119
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@158	22.57	20.37	0.1089
66	15	30	349000	1745	DFT-s-OFDM QPSK	80@40	23.47	21.27	0.1340
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	23.01	20.81	0.1205
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@158	23.45	21.25	0.1334
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	80@40	22.46	20.26	0.1062
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.25	20.05	0.1012
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@158	22.68	20.48	0.1117
66	15	30	353000	1765	DFT-s-OFDM QPSK	80@40	23.37	21.17	0.1309
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	23.38	21.18	0.1312
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@158	23.4	21.2	0.1318
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	80@40	22.38	20.18	0.1042
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	22.71	20.51	0.1125
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@158	22.62	20.42	0.1102
66	15	35	345500	1727.5	DFT-s-OFDM QPSK	90@45	23.08	20.88	0.1225
66	15	35	345500	1727.5	DFT-s-OFDM QPSK	1@1	23.38	21.18	0.1312
66	15	35	345500	1727.5	DFT-s-OFDM QPSK	1@186	23.41	21.21	0.1321
66	15	35	345500	1727.5	DFT-s-OFDM 16 QAM	90@45	22.14	19.94	0.0986
66	15	35	345500	1727.5	DFT-s-OFDM 16 QAM	1@1	22.64	20.44	0.1107
66	15	35	345500	1727.5	DFT-s-OFDM 16 QAM	1@186	22.63	20.43	0.1104
66	15	35	349000	1745	DFT-s-OFDM QPSK	90@45	23.43	21.23	0.1327
66	15	35	349000	1745	DFT-s-OFDM QPSK	1@1	22.91	20.71	0.1178
66	15	35	349000	1745	DFT-s-OFDM QPSK	1@186	23.36	21.16	0.1306



66	15	35	349000	1745	DFT-s-OFDM 16 QAM	90@45	22.47	20.27	0.1064
66	15	35	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.16	19.96	0.0991
66	15	35	349000	1745	DFT-s-OFDM 16 QAM	1@186	22.53	20.33	0.1079
66	15	35	352500	1762.5	DFT-s-OFDM QPSK	90@45	23.37	21.17	0.1309
66	15	35	352500	1762.5	DFT-s-OFDM QPSK	1@1	23.34	21.14	0.1300
66	15	35	352500	1762.5	DFT-s-OFDM QPSK	1@186	23.38	21.18	0.1312
66	15	35	352500	1762.5	DFT-s-OFDM 16 QAM	90@45	22.43	20.23	0.1054
66	15	35	352500	1762.5	DFT-s-OFDM 16 QAM	1@1	22.58	20.38	0.1091
66	15	35	352500	1762.5	DFT-s-OFDM 16 QAM	1@186	22.62	20.42	0.1102
66	15	40	346000	1730	DFT-s-OFDM QPSK	108@54	23.15	20.95	0.1245
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	23.43	21.23	0.1327
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@214	23.44	21.24	0.1330
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	108@54	22.2	20	0.1000
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	22.67	20.47	0.1114
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@214	22.72	20.52	0.1127
66	15	40	349000	1745	DFT-s-OFDM QPSK	108@54	23.45	21.25	0.1334
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	22.92	20.72	0.1180
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@214	23.3	21.1	0.1288
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	108@54	22.44	20.24	0.1057
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.13	19.93	0.0984
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@214	22.48	20.28	0.1067
66	15	40	352000	1760	DFT-s-OFDM QPSK	108@54	23.42	21.22	0.1324
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	23.3	21.1	0.1288
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@214	23.37	21.17	0.1309
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	108@54	22.46	20.26	0.1062
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	22.54	20.34	0.1081
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@214	22.6	20.4	0.1096
66	15	45	346500	1732.5	DFT-s-OFDM PI/2 BPSK	120@60	23.19	20.99	0.1256
66	15	45	346500	1732.5	DFT-s-OFDM PI/2 BPSK	1@1	23.42	21.22	0.1324
66	15	45	346500	1732.5	DFT-s-OFDM PI/2 BPSK	1@240	23.48	21.28	0.1343
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	120@60	23.22	21.02	0.1265
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@1	23.35	21.15	0.1303
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@240	23.39	21.19	0.1315
66	15	45	346500	1732.5	DFT-s-OFDM 16 QAM	120@60	22.28	20.08	0.1019
66	15	45	346500	1732.5	DFT-s-OFDM 16 QAM	1@1	22.59	20.39	0.1094
66	15	45	346500	1732.5	DFT-s-OFDM 16 QAM	1@240	22.68	20.48	0.1117
66	15	45	346500	1732.5	DFT-s-OFDM 64 QAM	120@60	20.73	18.53	0.0713
66	15	45	346500	1732.5	DFT-s-OFDM 64 QAM	1@1	21.12	18.92	0.0780
66	15	45	346500	1732.5	DFT-s-OFDM 64 QAM	1@240	21.14	18.94	0.0783
66	15	45	346500	1732.5	DFT-s-OFDM 256 QAM	120@60	18.77	16.57	0.0454
66	15	45	346500	1732.5	DFT-s-OFDM 256 QAM	1@1	18.94	16.74	0.0472
66	15	45	346500	1732.5	DFT-s-OFDM 256 QAM	1@240	18.9	16.7	0.0468



66	15	45	346500	1732.5	CP-OFDM QPSK	121@60	21.72	19.52	0.0895
66	15	45	346500	1732.5	CP-OFDM QPSK	1@1	21.72	19.52	0.0895
66	15	45	346500	1732.5	CP-OFDM QPSK	1@240	21.91	19.71	0.0935
66	15	45	349000	1745	DFT-s-OFDM PI/2 BPSK	120@60	23.46	21.26	0.1337
66	15	45	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	22.94	20.74	0.1186
66	15	45	349000	1745	DFT-s-OFDM PI/2 BPSK	1@240	23.28	21.08	0.1282
66	15	45	349000	1745	DFT-s-OFDM QPSK	120@60	23.46	21.26	0.1337
66	15	45	349000	1745	DFT-s-OFDM QPSK	1@1	22.91	20.71	0.1178
66	15	45	349000	1745	DFT-s-OFDM QPSK	1@240	23.27	21.07	0.1279
66	15	45	349000	1745	DFT-s-OFDM 16 QAM	120@60	22.5	20.3	0.1072
66	15	45	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.11	19.91	0.0979
66	15	45	349000	1745	DFT-s-OFDM 16 QAM	1@240	22.5	20.3	0.1072
66	15	45	349000	1745	DFT-s-OFDM 64 QAM	120@60	20.98	18.78	0.0755
66	15	45	349000	1745	DFT-s-OFDM 64 QAM	1@1	20.63	18.43	0.0697
66	15	45	349000	1745	DFT-s-OFDM 64 QAM	1@240	20.9	18.7	0.0741
66	15	45	349000	1745	DFT-s-OFDM 256 QAM	120@60	19.01	16.81	0.0480
66	15	45	349000	1745	DFT-s-OFDM 256 QAM	1@1	18.47	16.27	0.0424
66	15	45	349000	1745	DFT-s-OFDM 256 QAM	1@240	18.81	16.61	0.0458
66	15	45	349000	1745	CP-OFDM QPSK	121@60	21.95	19.75	0.0944
66	15	45	349000	1745	CP-OFDM QPSK	1@1	21.26	19.06	0.0805
66	15	45	349000	1745	CP-OFDM QPSK	1@240	21.74	19.54	0.0899
66	15	45	351500	1757.5	DFT-s-OFDM PI/2 BPSK	120@60	23.42	21.22	0.1324
66	15	45	351500	1757.5	DFT-s-OFDM PI/2 BPSK	1@1	23.12	20.92	0.1236
66	15	45	351500	1757.5	DFT-s-OFDM PI/2 BPSK	1@240	23.38	21.18	0.1312
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	120@60	23.44	21.24	0.1330
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@1	23.09	20.89	0.1227
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@240	23.34	21.14	0.1300
66	15	45	351500	1757.5	DFT-s-OFDM 16 QAM	120@60	22.47	20.27	0.1064
66	15	45	351500	1757.5	DFT-s-OFDM 16 QAM	1@1	22.31	20.11	0.1026
66	15	45	351500	1757.5	DFT-s-OFDM 16 QAM	1@240	22.58	20.38	0.1091
66	15	45	351500	1757.5	DFT-s-OFDM 64 QAM	120@60	20.96	18.76	0.0752
66	15	45	351500	1757.5	DFT-s-OFDM 64 QAM	1@1	20.81	18.61	0.0726
66	15	45	351500	1757.5	DFT-s-OFDM 64 QAM	1@240	21.02	18.82	0.0762
66	15	45	351500	1757.5	DFT-s-OFDM 256 QAM	120@60	18.98	16.78	0.0476
66	15	45	351500	1757.5	DFT-s-OFDM 256 QAM	1@1	18.66	16.46	0.0443
66	15	45	351500	1757.5	DFT-s-OFDM 256 QAM	1@240	18.9	16.7	0.0468
66	15	45	351500	1757.5	CP-OFDM QPSK	121@60	21.96	19.76	0.0946
66	15	45	351500	1757.5	CP-OFDM QPSK	1@1	21.49	19.29	0.0849
66	15	45	351500	1757.5	CP-OFDM QPSK	1@240	21.84	19.64	0.0920



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.

n2 SA / NR 40MHz / QPSK(ANT2)									
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	3722	-58.36	-13	-45.36	-80.74	-65.11	5.85	12.60	H
	5583	-57.24	-13	-44.24	-81.44	-63.04	7.30	13.10	H
	7444	-55.39	-13	-42.39	-82.18	-58.54	8.35	11.50	H
	3722	-55.65	-13	-42.65	-80.88	-62.40	5.85	12.60	V
	5583	-56.93	-13	-43.93	-81.83	-62.73	7.30	13.10	V
	7444	-55.33	-13	-42.33	-82.1	-58.48	8.35	11.50	V

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

EN-DC_5A_n2A / LTE 10MHz + NR 40MHz / QPSK (ANT1+2)									
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 n2 Middle	3722	-57.61	-13	-44.61	-79.99	-64.36	5.85	12.60	H
	5583	-57.26	-13	-44.26	-81.46	-63.06	7.30	13.10	H
	7444	-54.87	-13	-41.87	-81.66	-58.02	8.35	11.50	H
	3722	-54.55	-13	-41.55	-79.78	-61.30	5.85	12.60	V
	5583	-56.08	-13	-43.08	-80.98	-61.88	7.30	13.10	V
	7444	-55.34	-13	-42.34	-82.11	-58.49	8.35	11.50	V
LTE Band5 Middle	1673	-64.92	-13	-51.92	-76.60	-68.17	4.00	9.40	H
	2509.5	-59.55	-13	-46.55	-78.55	-63.12	4.88	10.60	H
	3346	-59.00	-13	-46.00	-79.97	-63.93	5.52	12.60	H
	1673	-64.51	-13	-51.51	-76.90	-67.76	4.00	9.40	V
	2509.5	-59.37	-13	-46.37	-78.58	-62.94	4.88	10.60	V
	3346	-58.15	-13	-45.15	-79.42	-63.08	5.52	12.60	V

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



EN-DC_66A_n2A / LTE 10MHz + NR 40MHz / QPSK (ANT2+1) for 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 n2 Middle	3722	-57.30	-13	-44.30	-79.68	-64.05	5.85	12.60	H
	5583	-57.38	-13	-44.38	-81.58	-63.18	7.30	13.10	H
	7444	-55.05	-13	-42.05	-81.84	-58.20	8.35	11.50	H
	3722	-55.06	-13	-42.06	-80.29	-61.81	5.85	12.60	V
	5583	-56.56	-13	-43.56	-81.46	-62.36	7.30	13.10	V
	7444	-54.96	-13	-41.96	-81.73	-58.11	8.35	11.50	V
LTE Band66 Middle	3481	-58.05	-13	-45.05	-79.69	-64.90	5.65	12.50	H
	5221.5	-57.38	-13	-44.38	-81.50	-63.05	7.13	12.80	H
	6962	-55.82	-13	-42.82	-81.52	-59.22	8.40	11.80	H
	3481	-56.95	-13	-43.95	-79.26	-63.80	5.65	12.50	V
	5221.5	-57.28	-13	-44.28	-81.57	-62.95	7.13	12.80	V
	6962	-54.96	-13	-41.96	-81.21	-58.36	8.40	11.80	V

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

n26 SA / NR 20MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	ERP (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	-65.84	-13	-52.84	-77.37	-69.09	4.00	9.40	H
	2481	-60.12	-13	-47.12	-78.85	-63.69	4.88	10.60	H
	3308	-59.63	-13	-46.63	-80.42	-64.56	5.52	12.60	H
	1654	-64.71	-13	-51.71	-76.88	-67.96	4.00	9.40	V
	2481	-59.87	-13	-46.87	-78.92	-63.44	4.88	10.60	V
	3308	-58.63	-13	-45.63	-80.12	-63.56	5.52	12.60	V

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

n66 SA / NR 45MHz / QPSK(ANT2)									
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	3448	-59.64	-13	-46.64	-80.70	-66.49	5.65	12.50	H
	5172	-57.62	-13	-44.62	-81.45	-63.29	7.13	12.80	H
	6896	-55.73	-13	-42.73	-81.29	-59.13	8.40	11.80	H
	3448	-58.80	-13	-45.80	-80.8	-65.65	5.65	12.50	V
	5172	-57.12	-13	-44.12	-81.45	-62.79	7.13	12.80	V
	6896	-54.64	-13	-41.64	-81.48	-58.04	8.40	11.80	V

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



EN-DC_5A_n66A / LTE 10MHz + NR 45MHz / QPSK (ANT0+2)									
Channel	Frequency (MHz)	ERP/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	3448	-59.07	-13	-46.07	-80.13	-65.92	5.65	12.50	H
	5172	-57.46	-13	-44.46	-81.29	-63.13	7.13	12.80	H
	6896	-55.77	-13	-42.77	-81.33	-59.17	8.40	11.80	H
	3448	-58.26	-13	-45.26	-80.26	-65.11	5.65	12.50	V
	5172	-57.17	-13	-44.17	-81.5	-62.84	7.13	12.80	V
	6896	-55.00	-13	-42.00	-81.84	-58.40	8.40	11.80	V
LTE Band5 Middle	1673	-65.12	-13	-52.12	-76.80	-68.37	4.00	9.40	H
	2509.5	-59.57	-13	-46.57	-78.57	-63.14	4.88	10.60	H
	3346	-59.16	-13	-46.16	-80.13	-64.09	5.52	12.60	H
	1673	-64.58	-13	-51.58	-76.97	-67.83	4.00	9.40	V
	2509.5	-59.31	-13	-46.31	-78.52	-62.88	4.88	10.60	V
	3346	-58.47	-13	-45.47	-79.74	-63.40	5.52	12.60	V

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

EN-DC_7A_n66A / LTE 10MHz + NR 45MHz / QPSK (ANT2+1) for 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 n66 Middle	3448	-58.88	-13	-45.88	-79.94	-65.73	5.65	12.50	H
	5172	-57.76	-13	-44.76	-81.59	-63.43	7.13	12.80	H
	6896	-55.88	-13	-42.88	-81.44	-59.28	8.40	11.80	H
	3448	-58.23	-13	-45.23	-80.23	-65.08	5.65	12.50	V
	5172	-57.24	-13	-44.24	-81.57	-62.91	7.13	12.80	V
	6896	-54.99	-13	-41.99	-81.83	-58.39	8.40	11.80	V
LTE Band7 Middle	5064.00	-58.39	-25	-33.39	-81.51	-63.95	7.14	12.70	H
	7591.77	-55.98	-25	-30.98	-82.23	-59.28	8.30	11.60	H
	10122.36	-52.68	-25	-27.68	-83.06	-54.20	10.48	12.00	H
	5061.18	-57.23	-25	-32.23	-81.56	-62.79	7.14	12.70	V
	7591.77	-55.85	-25	-30.85	-82.1	-59.15	8.30	11.60	V
	10122.36	-51.76	-25	-26.76	-83.19	-53.28	10.48	12.00	V

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