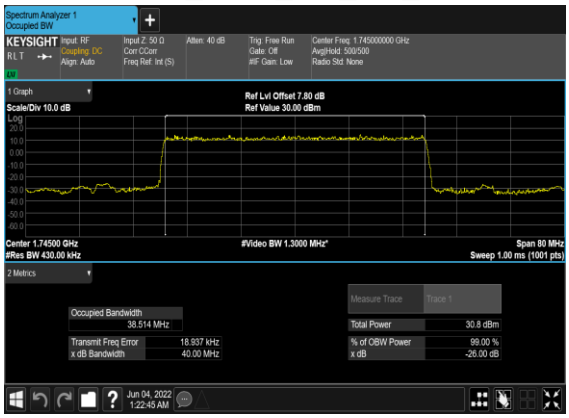
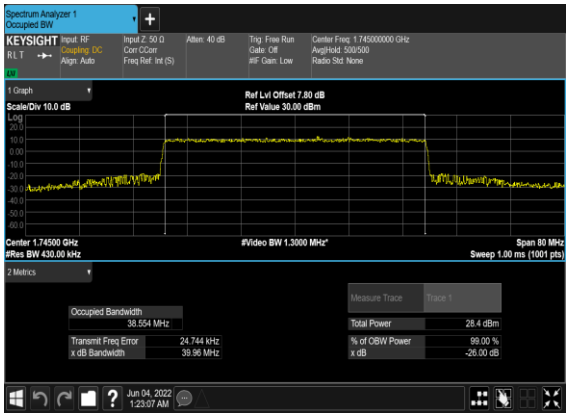
N66(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

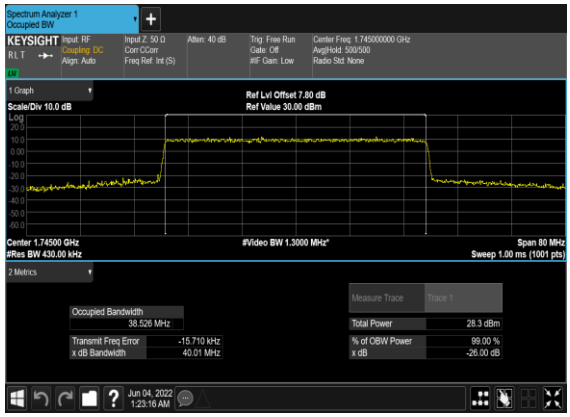


N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

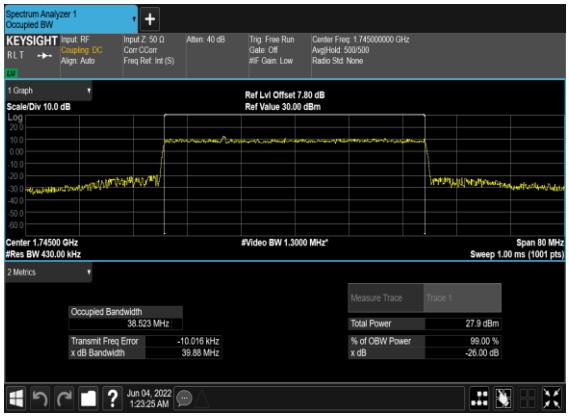
N66(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



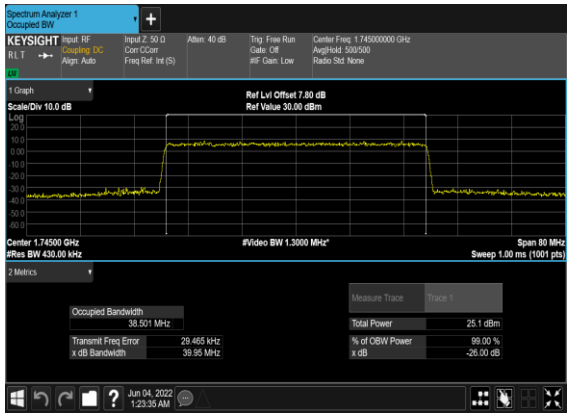
N66(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

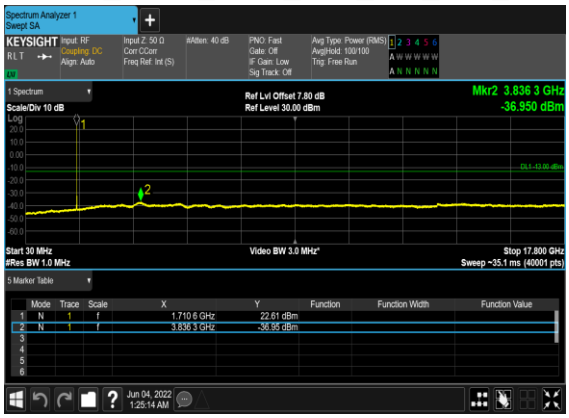


Conducted Spurious Emissions

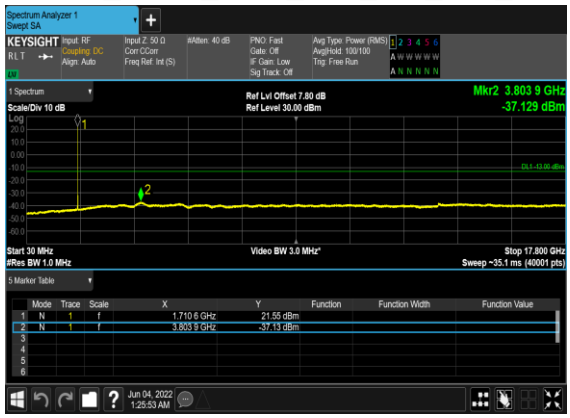
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	5	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	20	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**

66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	40	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

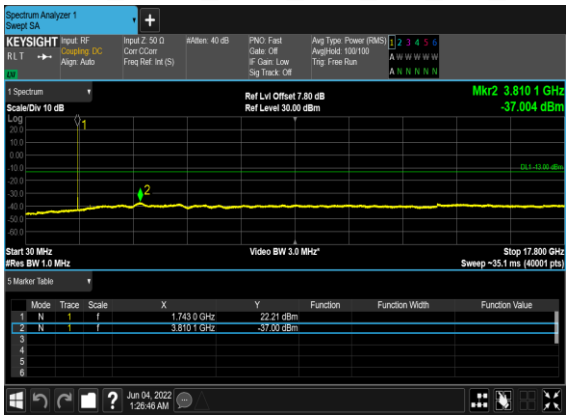
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



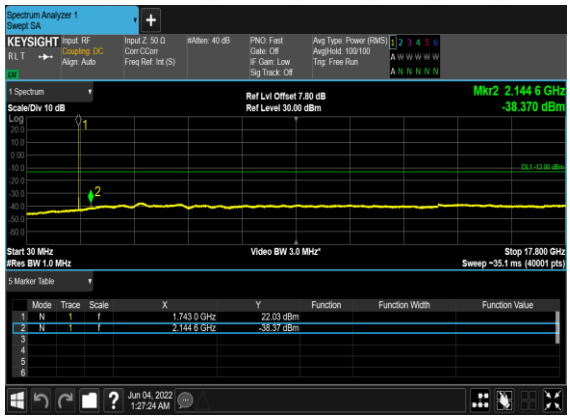
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



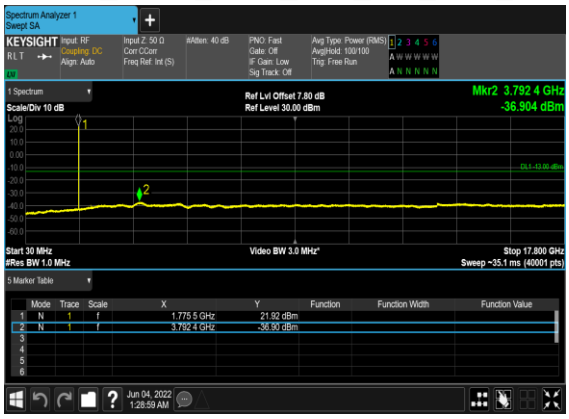
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



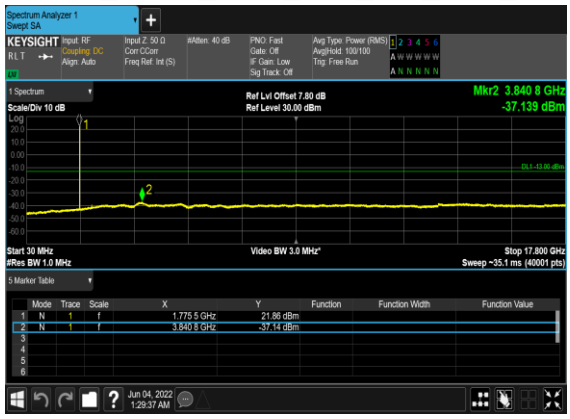
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



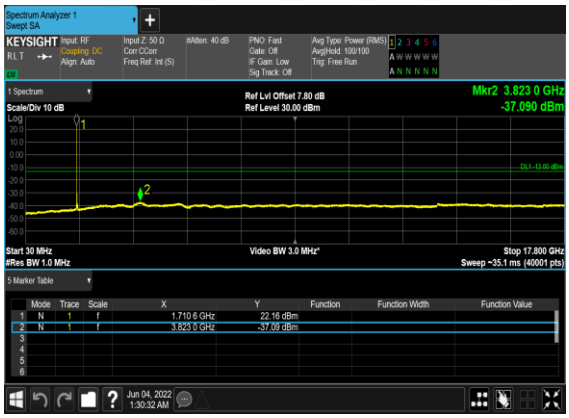
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



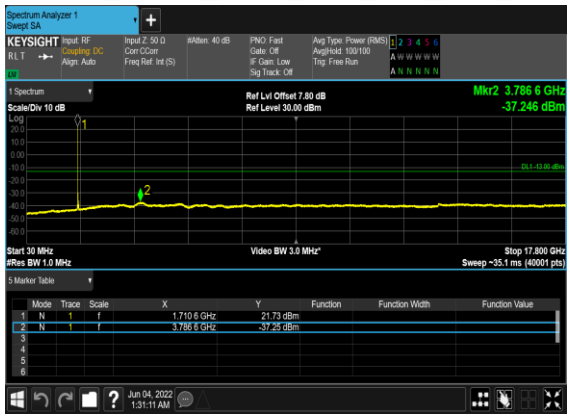
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



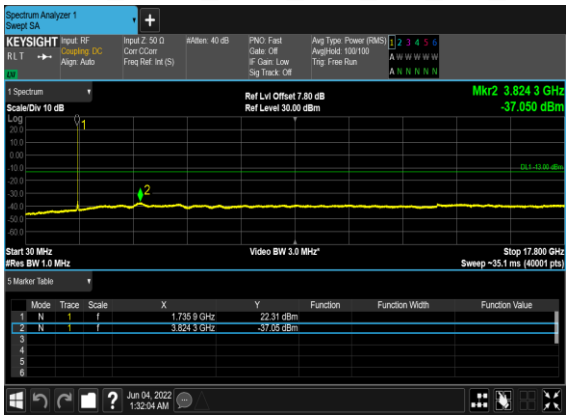
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



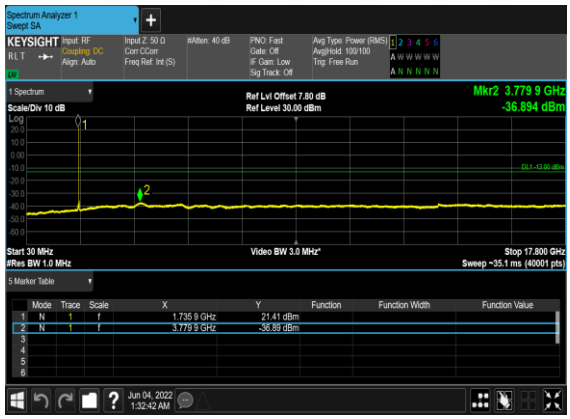
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



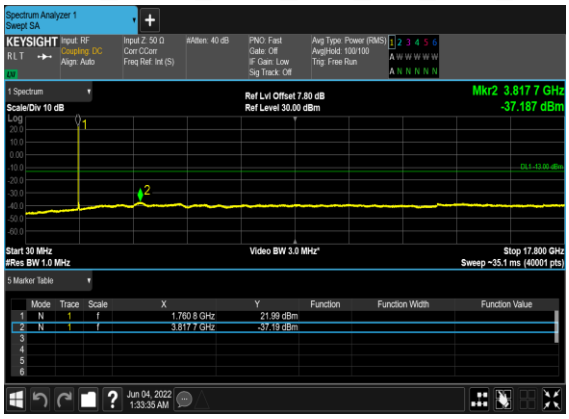
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



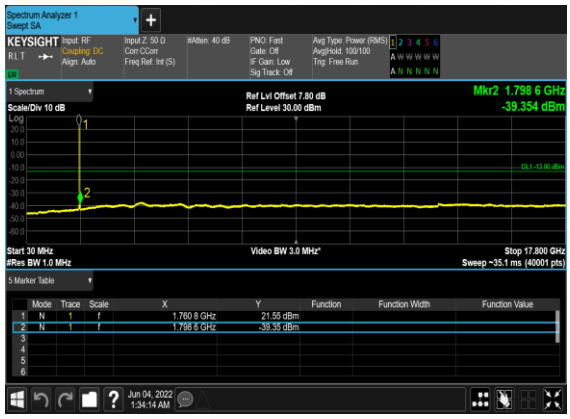
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



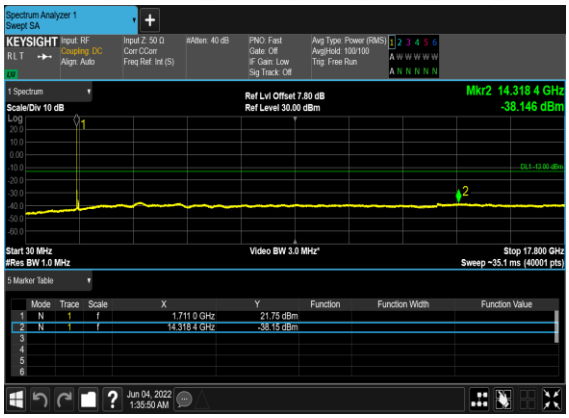
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



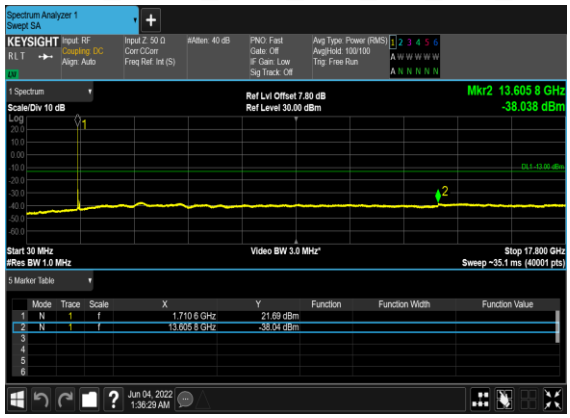
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



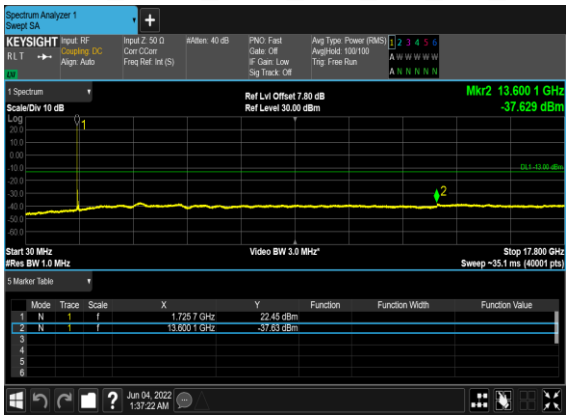
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



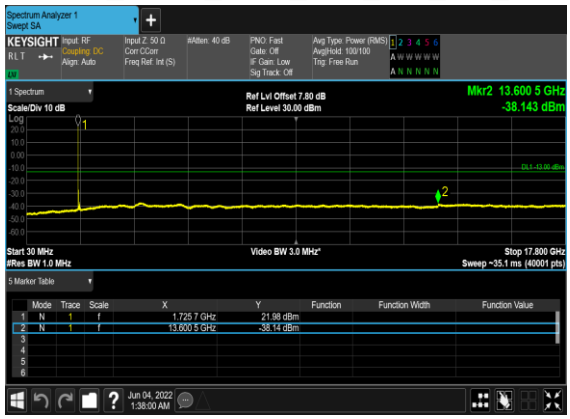
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



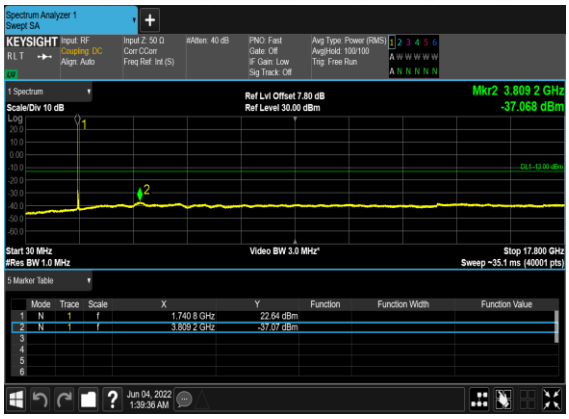
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



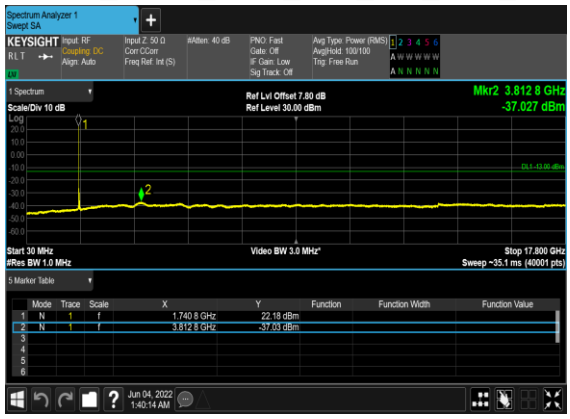
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



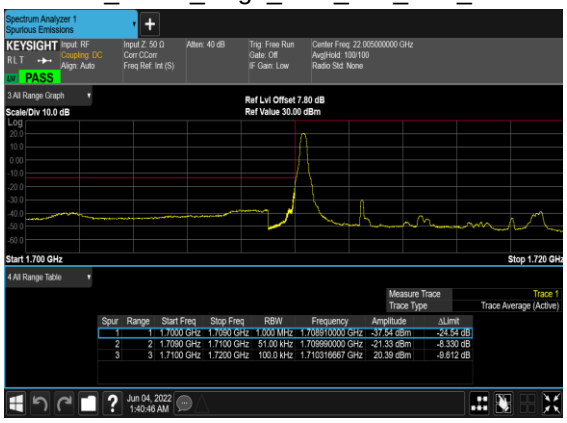
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



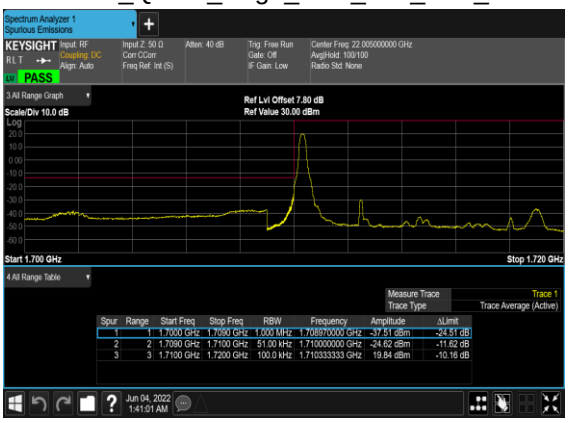
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	**PASS**
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	216@0	see graph	**PASS**
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	216@0	see graph	**PASS**
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@215	see graph	**PASS**
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@215	see graph	**PASS**
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	216@0	see graph	**PASS**
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	216@0	see graph	**PASS**

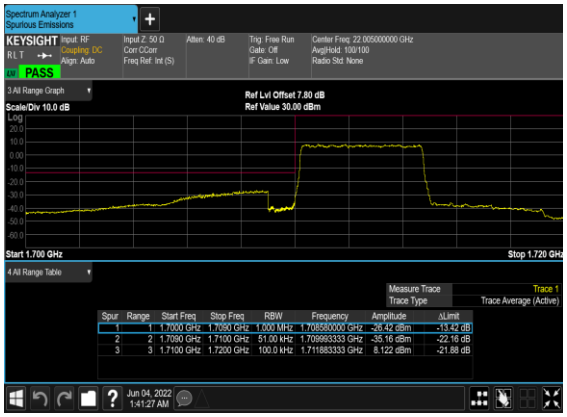
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



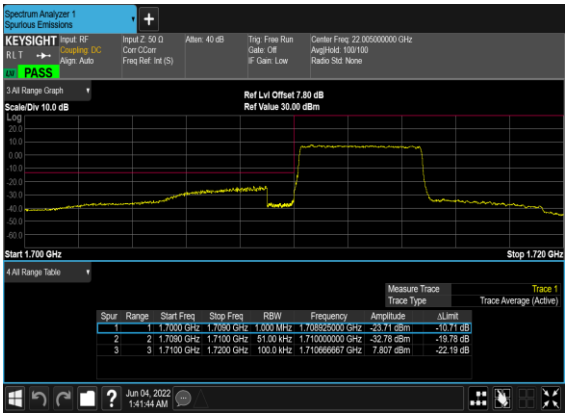
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

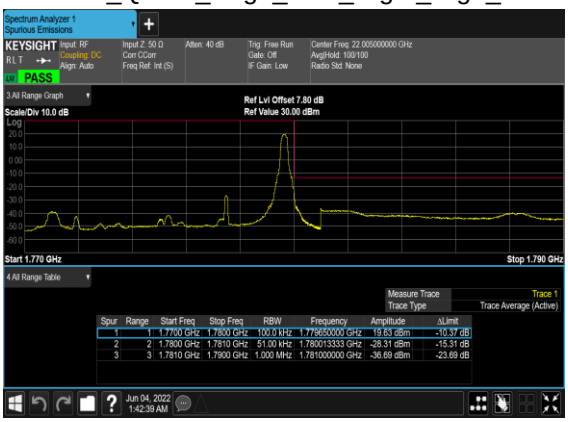


N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



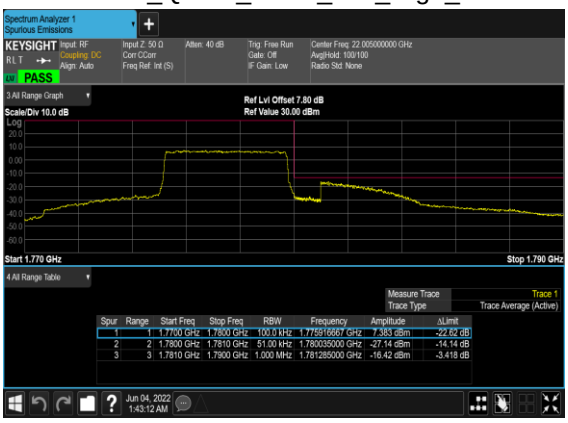
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

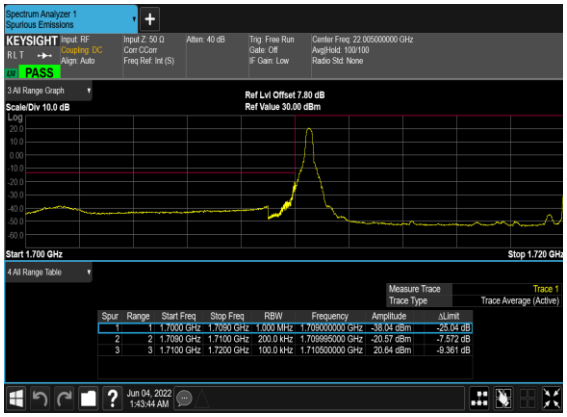


N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

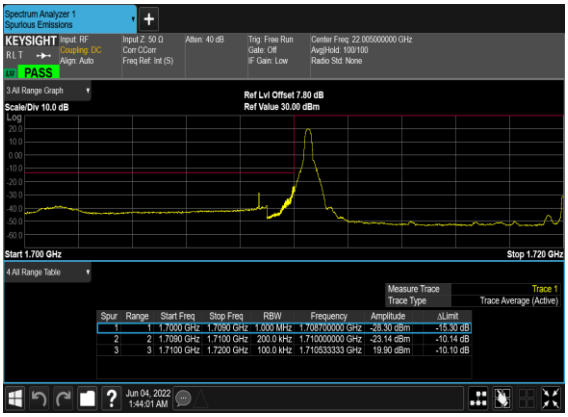
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



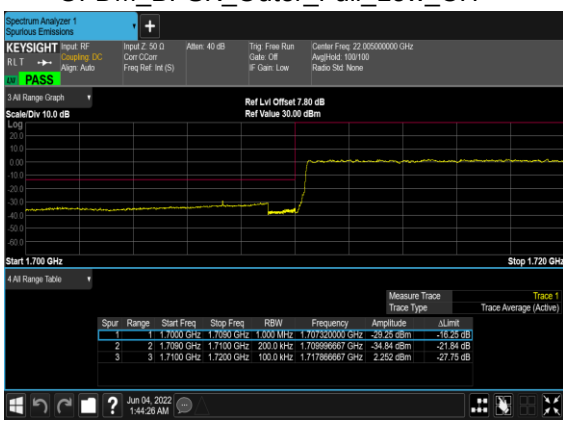
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



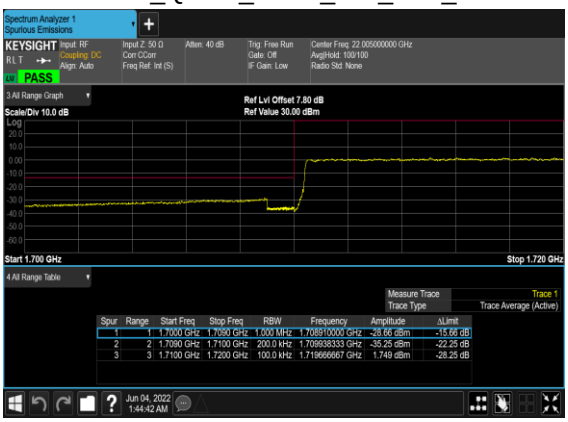
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



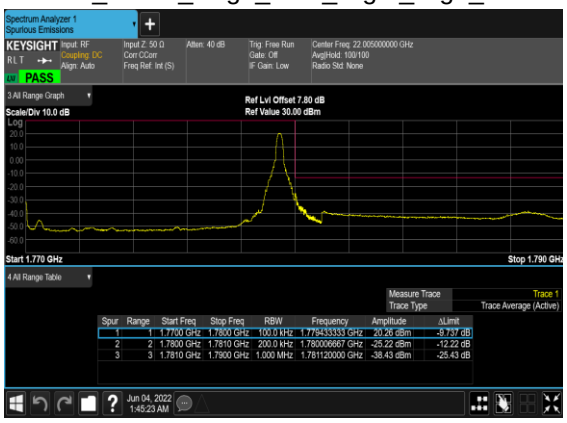
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



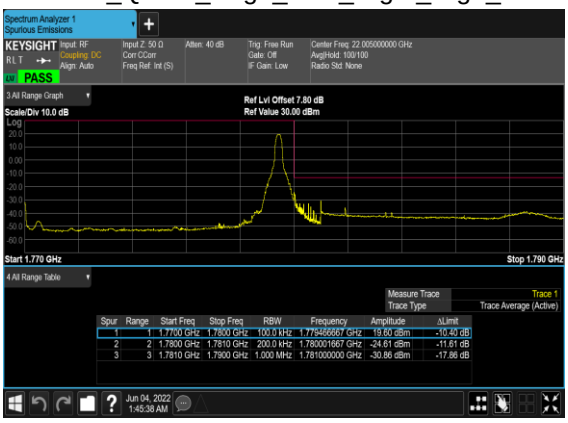
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



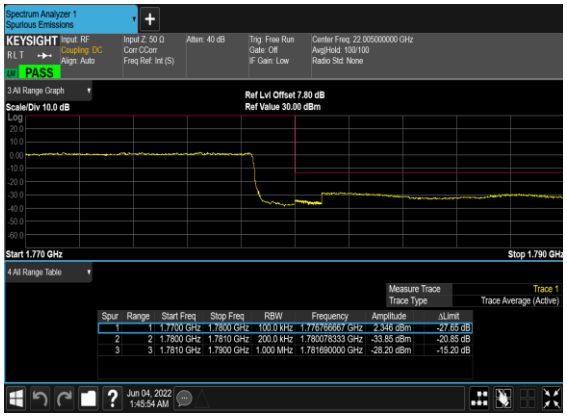
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



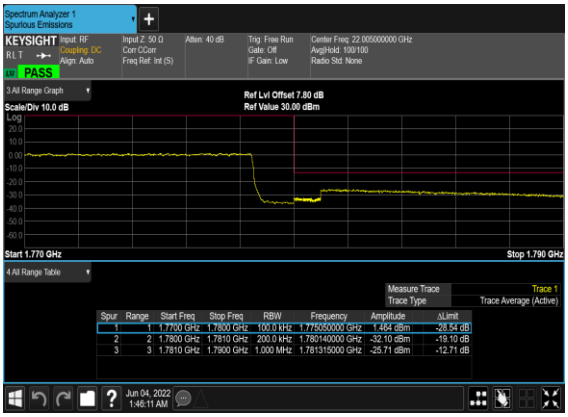
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



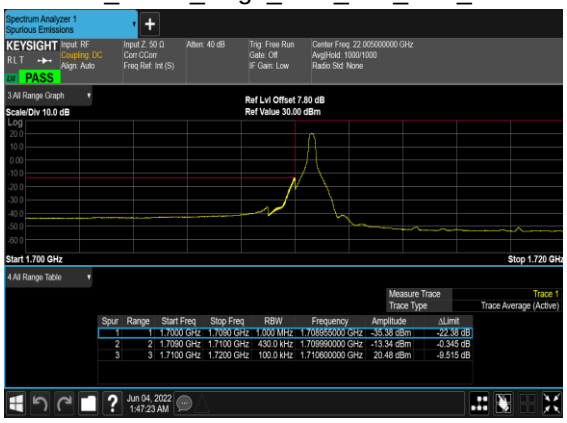
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



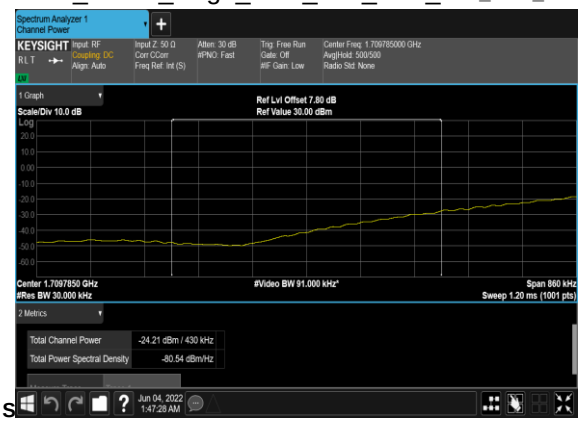
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PAS



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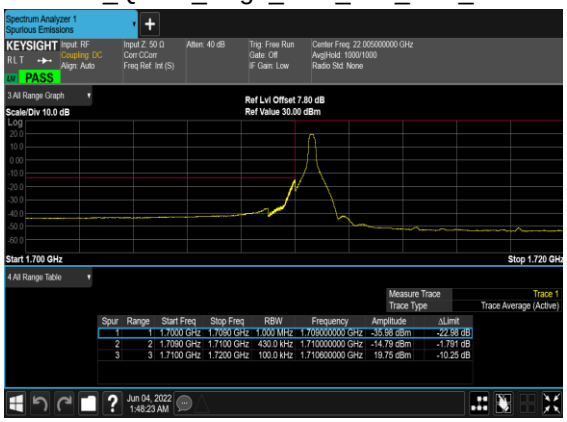
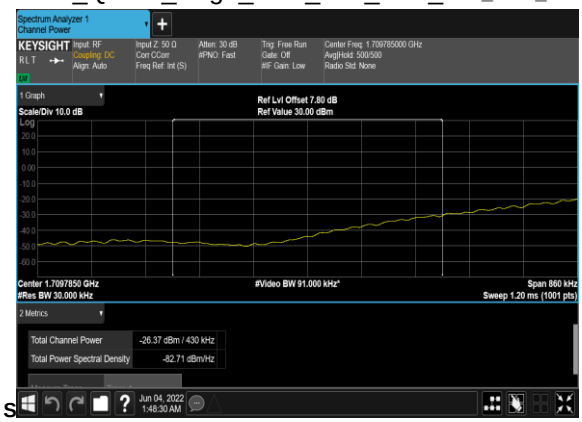
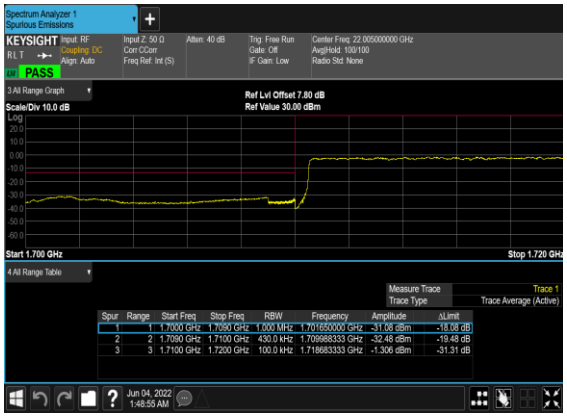
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



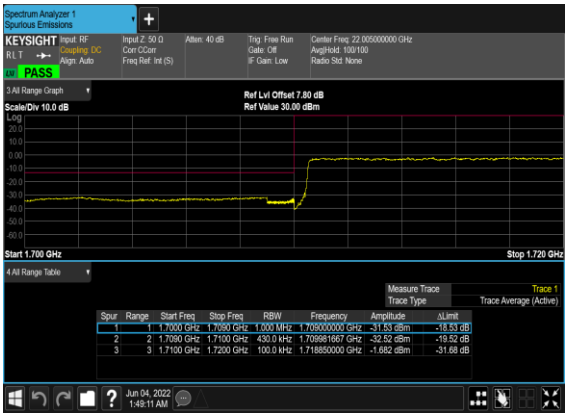
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



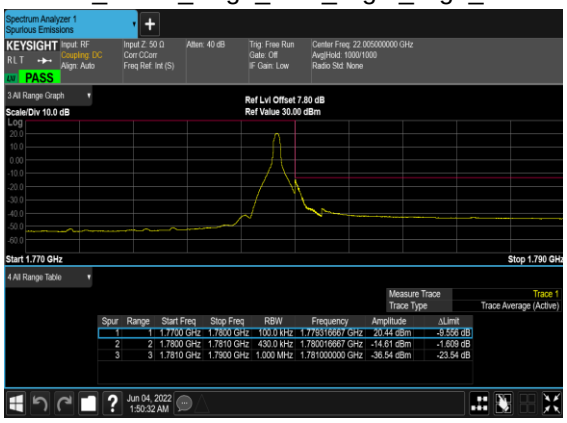
N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



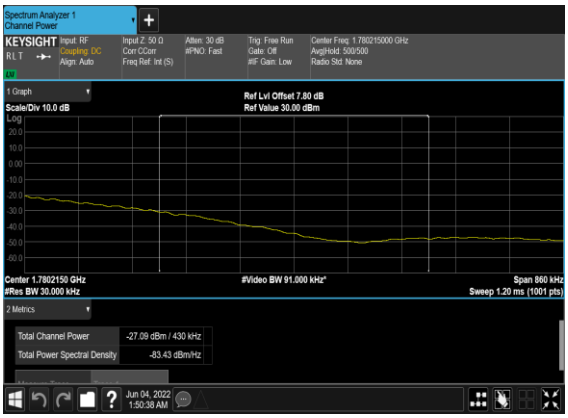
N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



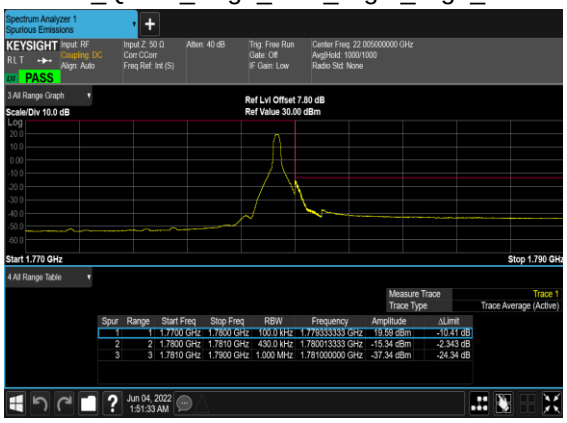
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



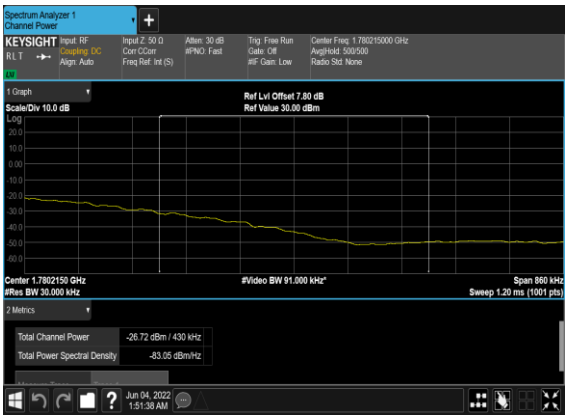
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



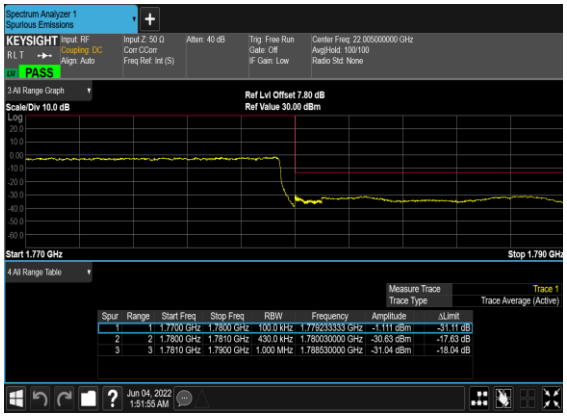
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

Software Version: 22.05.231801

FR1 N66 (ANT2) for SCS 15KHz

LTE Band: 7(ANT1), LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power And ERP, (G_T-L_C)=-1.77dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	10	423000	1715	DFT-s-OFDM QPSK	1@1	23.13	21.36	0.1368
66	15	10	423000	1715	DFT-s-OFDM 16 QAM	1@1	22.23	20.46	0.1112
66	15	10	429000	1745	DFT-s-OFDM QPSK	1@1	23.24	21.47	0.1403
66	15	10	429000	1745	DFT-s-OFDM 16 QAM	1@1	22.4	20.63	0.1156
66	15	10	435000	1775	DFT-s-OFDM QPSK	1@1	23.32	21.55	0.1429
66	15	10	435000	1775	DFT-s-OFDM 16 QAM	1@1	22.36	20.59	0.1146
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	1@1	23.09	21.32	0.1355
66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	1@1	22.19	20.42	0.1102
66	15	15	429000	1745	DFT-s-OFDM QPSK	1@1	23.24	21.47	0.1403
66	15	15	429000	1745	DFT-s-OFDM 16 QAM	1@1	22.35	20.58	0.1143
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	1@1	23.24	21.47	0.1403
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	1@1	22.33	20.56	0.1138
66	15	20	424000	1720	DFT-s-OFDM QPSK	1@1	23.07	21.3	0.1349
66	15	20	424000	1720	DFT-s-OFDM 16 QAM	1@1	22.23	20.46	0.1112
66	15	20	429000	1745	DFT-s-OFDM QPSK	1@1	23.24	21.47	0.1403
66	15	20	429000	1745	DFT-s-OFDM 16 QAM	1@1	22.34	20.57	0.1140
66	15	20	434000	1770	DFT-s-OFDM QPSK	1@1	23.26	21.49	0.1409
66	15	20	434000	1770	DFT-s-OFDM 16 QAM	1@1	22.36	20.59	0.1146
66	15	25	424500	1722.5	DFT-s-OFDM QPSK	1@1	22.46	20.69	0.1172
66	15	25	424500	1722.5	DFT-s-OFDM 16 QAM	1@1	21.42	19.65	0.0923
66	15	25	429000	1745	DFT-s-OFDM QPSK	1@1	22.62	20.85	0.1216
66	15	25	429000	1745	DFT-s-OFDM 16 QAM	1@1	21.8	20.03	0.1007
66	15	25	433500	1767.5	DFT-s-OFDM QPSK	1@1	22.51	20.74	0.1186
66	15	25	433500	1767.5	DFT-s-OFDM 16 QAM	1@1	21.64	19.87	0.0971
66	15	30	425000	1725	DFT-s-OFDM QPSK	1@1	23.04	21.27	0.1340
66	15	30	425000	1725	DFT-s-OFDM 16 QAM	1@1	22.13	20.36	0.1086
66	15	30	429000	1745	DFT-s-OFDM QPSK	1@1	23.24	21.47	0.1403

66	15	30	429000	1745	DFT-s-OFDM 16 QAM	1@1	22.4	20.63	0.1156
66	15	30	433000	1765	DFT-s-OFDM QPSK	1@1	23.23	21.46	0.1400
66	15	30	433000	1765	DFT-s-OFDM 16 QAM	1@1	22.31	20.54	0.1132
66	15	40	426000	1730	DFT-s-OFDM PI/2 BPSK	108@54	23.34	21.57	0.1435
66	15	40	426000	1730	DFT-s-OFDM PI/2 BPSK	1@1	22.73	20.96	0.1247
66	15	40	426000	1730	DFT-s-OFDM PI/2 BPSK	1@214	22.8	21.03	0.1268
66	15	40	426000	1730	DFT-s-OFDM QPSK	108@54	23.39	21.62	0.1452
66	15	40	426000	1730	DFT-s-OFDM QPSK	1@1	22.62	20.85	0.1216
66	15	40	426000	1730	DFT-s-OFDM QPSK	1@214	22.91	21.14	0.1300
66	15	40	426000	1730	DFT-s-OFDM 16 QAM	108@54	22.47	20.7	0.1175
66	15	40	426000	1730	DFT-s-OFDM 16 QAM	1@1	21.64	19.87	0.0971
66	15	40	426000	1730	DFT-s-OFDM 16 QAM	1@214	22	20.23	0.1054
66	15	40	426000	1730	DFT-s-OFDM 64 QAM	108@54	21.14	19.37	0.0865
66	15	40	426000	1730	DFT-s-OFDM 64 QAM	1@1	20.7	18.93	0.0782
66	15	40	426000	1730	DFT-s-OFDM 64 QAM	1@214	20.84	19.07	0.0807
66	15	40	426000	1730	DFT-s-OFDM 256 QAM	108@54	19.13	17.36	0.0545
66	15	40	426000	1730	DFT-s-OFDM 256 QAM	1@1	18.85	17.08	0.0511
66	15	40	426000	1730	DFT-s-OFDM 256 QAM	1@214	19.1	17.33	0.0541
66	15	40	426000	1730	CP-OFDM QPSK	108@54	21.93	20.16	0.1038
66	15	40	426000	1730	CP-OFDM QPSK	1@1	21.89	20.12	0.1028
66	15	40	426000	1730	CP-OFDM QPSK	1@214	21.92	20.15	0.1035
66	15	40	429000	1745	DFT-s-OFDM PI/2 BPSK	108@54	23.34	21.57	0.1435
66	15	40	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	22.67	20.9	0.1230
66	15	40	429000	1745	DFT-s-OFDM PI/2 BPSK	1@214	22.79	21.02	0.1265
66	15	40	429000	1745	DFT-s-OFDM QPSK	108@54	23.4	21.63	0.1455
66	15	40	429000	1745	DFT-s-OFDM QPSK	1@1	22.72	20.95	0.1245
66	15	40	429000	1745	DFT-s-OFDM QPSK	1@214	22.91	21.14	0.1300
66	15	40	429000	1745	DFT-s-OFDM 16 QAM	108@54	22.5	20.73	0.1183
66	15	40	429000	1745	DFT-s-OFDM 16 QAM	1@1	21.82	20.05	0.1012
66	15	40	429000	1745	DFT-s-OFDM 16 QAM	1@214	21.98	20.21	0.1050
66	15	40	429000	1745	DFT-s-OFDM 64 QAM	108@54	21.18	19.41	0.0873
66	15	40	429000	1745	DFT-s-OFDM 64 QAM	1@1	20.77	19	0.0794
66	15	40	429000	1745	DFT-s-OFDM 64 QAM	1@214	20.94	19.17	0.0826
66	15	40	429000	1745	DFT-s-OFDM 256 QAM	108@54	19.17	17.4	0.0550

66	15	40	429000	1745	DFT-s-OFDM 256 QAM	1@1	19	17.23	0.0528
66	15	40	429000	1745	DFT-s-OFDM 256 QAM	1@214	19.14	17.37	0.0546
66	15	40	429000	1745	CP-OFDM QPSK	108@54	21.94	20.17	0.1040
66	15	40	429000	1745	CP-OFDM QPSK	1@1	21.87	20.1	0.1023
66	15	40	429000	1745	CP-OFDM QPSK	1@214	22.06	20.29	0.1069
66	15	40	432000	1760	DFT-s-OFDM PI/2 BPSK	108@54	23.32	21.55	0.1429
66	15	40	432000	1760	DFT-s-OFDM PI/2 BPSK	1@1	22.7	20.93	0.1239
66	15	40	432000	1760	DFT-s-OFDM PI/2 BPSK	1@214	22.78	21.01	0.1262
66	15	40	432000	1760	DFT-s-OFDM QPSK	108@54	23.43	21.66	0.1466
66	15	40	432000	1760	DFT-s-OFDM QPSK	1@1	22.81	21.04	0.1271
66	15	40	432000	1760	DFT-s-OFDM QPSK	1@214	22.96	21.19	0.1315
66	15	40	432000	1760	DFT-s-OFDM 16 QAM	108@54	22.49	20.72	0.1180
66	15	40	432000	1760	DFT-s-OFDM 16 QAM	1@1	21.93	20.16	0.1038
66	15	40	432000	1760	DFT-s-OFDM 16 QAM	1@214	22.02	20.25	0.1059
66	15	40	432000	1760	DFT-s-OFDM 64 QAM	108@54	21.22	19.45	0.0881
66	15	40	432000	1760	DFT-s-OFDM 64 QAM	1@1	20.78	19.01	0.0796
66	15	40	432000	1760	DFT-s-OFDM 64 QAM	1@214	20.99	19.22	0.0836
66	15	40	432000	1760	DFT-s-OFDM 256 QAM	108@54	19.14	17.37	0.0546
66	15	40	432000	1760	DFT-s-OFDM 256 QAM	1@1	19.03	17.26	0.0532
66	15	40	432000	1760	DFT-s-OFDM 256 QAM	1@214	19.15	17.38	0.0547
66	15	40	432000	1760	CP-OFDM QPSK	108@54	21.92	20.15	0.1035
66	15	40	432000	1760	CP-OFDM QPSK	1@1	21.84	20.07	0.1016
66	15	40	432000	1760	CP-OFDM QPSK	1@214	22.14	20.37	0.1089

Frequency Stability

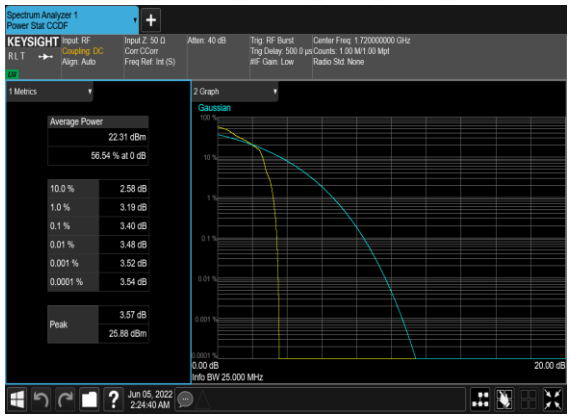
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.00023	**PASS**	NV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.00037	**PASS**	LV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.00204	**PASS**	HV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.00593	**PASS**	-30℃
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.00541	**PASS**	-20℃
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.00212	**PASS**	-10℃
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.00395	**PASS**	0℃
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.00698	**PASS**	10℃
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.00269	**PASS**	20℃
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.00562	**PASS**	30℃
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.00592	**PASS**	40℃
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.00661	**PASS**	50℃

Peak to Average Radio

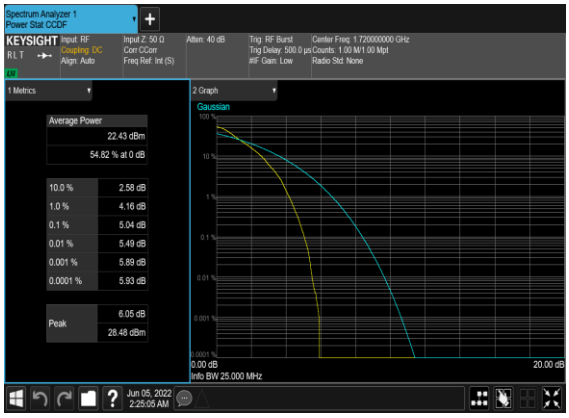
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	100@0	4.09	13	**PASS**
66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	1@0	3.4	13	**PASS**
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	100@0	5.04	13	**PASS**
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	4.15	13	**PASS**
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	4.4	13	**PASS**
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	3.71	13	**PASS**
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	5.37	13	**PASS**
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	4.81	13	**PASS**
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	100@0	3.94	13	**PASS**
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	1@0	3.33	13	**PASS**
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	100@0	4.85	13	**PASS**
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	4.08	13	**PASS**

B7_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH

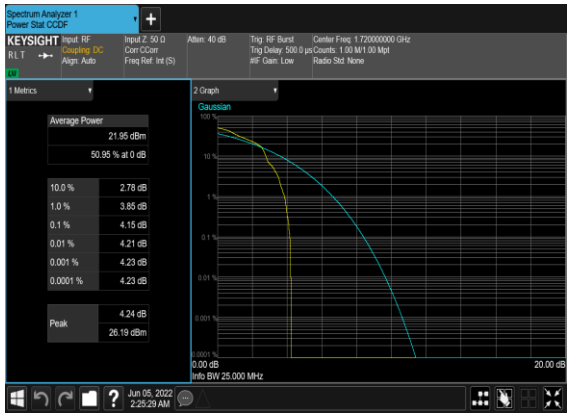
B7_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



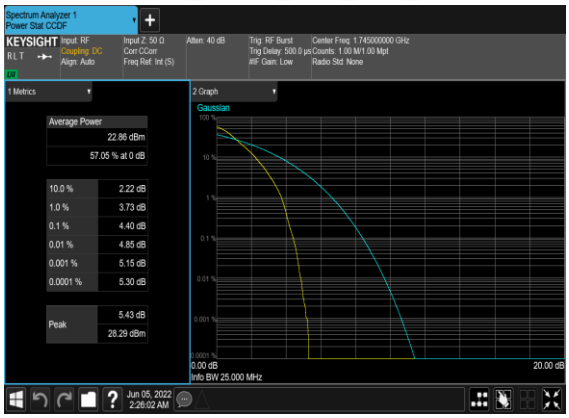
B7_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



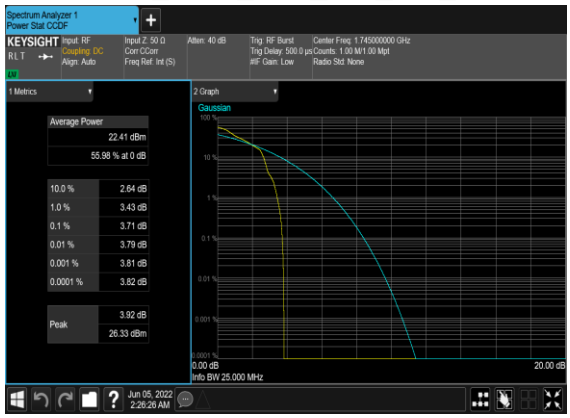
B7_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



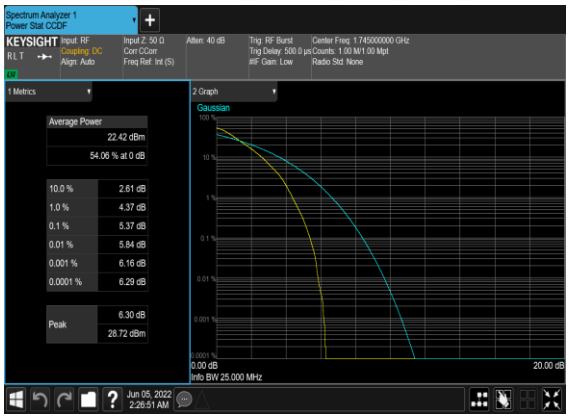
B7_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



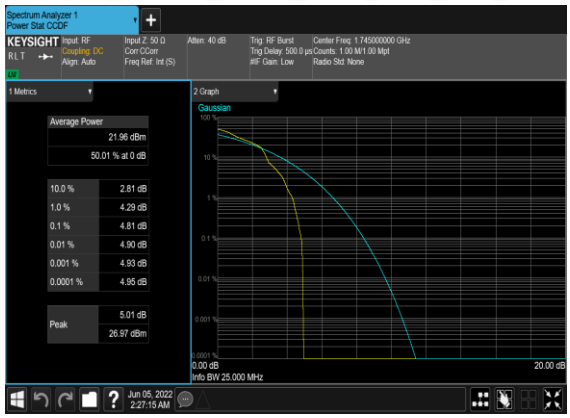
B7_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



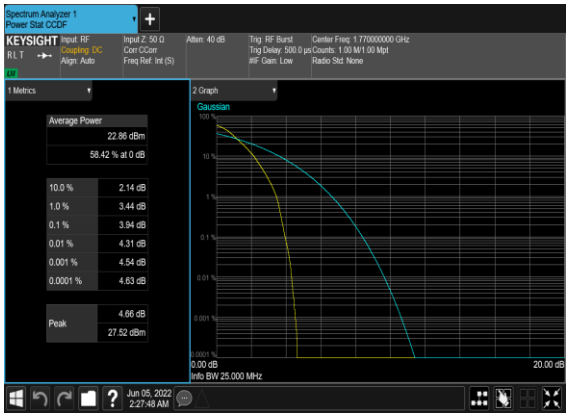
B7_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



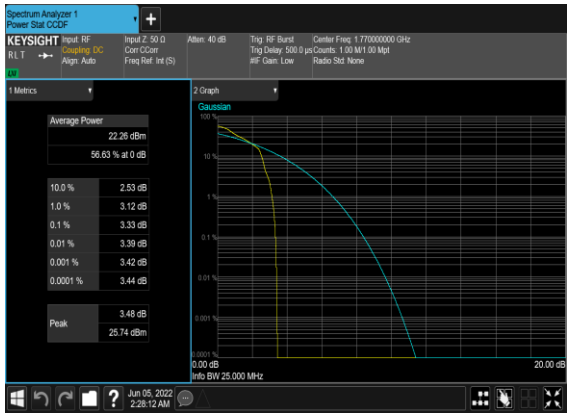
B7_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



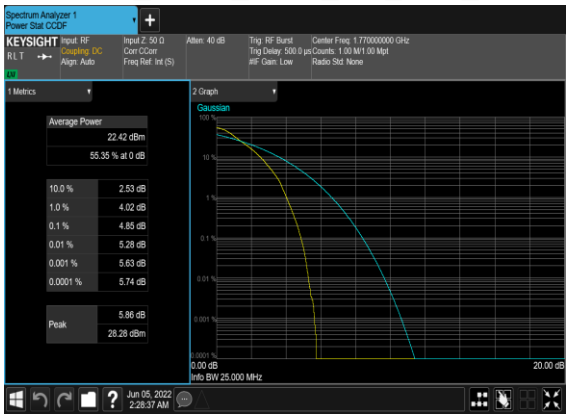
B7_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



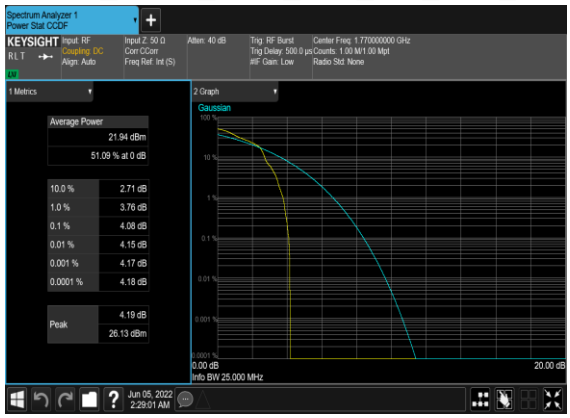
B7_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



B7_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



B7_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
66	15	5	429000	1745.0	DFT-s-OFDM PI/2 BPSK	25@0	4.5103	4.675
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	25@0	4.509	4.676
66	15	5	429000	1745.0	CP-OFDM QPSK	25@0	4.4932	4.67
66	15	5	429000	1745.0	CP-OFDM 16 QAM	25@0	4.5072	4.641
66	15	5	429000	1745.0	CP-OFDM 64 QAM	25@0	4.4858	4.65
66	15	5	429000	1745.0	CP-OFDM 256 QAM	25@0	4.4823	4.646
66	15	10	429000	1745.0	DFT-s-OFDM PI/2 BPSK	50@0	8.9829	9.259
66	15	10	429000	1745.0	DFT-s-OFDM QPSK	50@0	8.9952	9.249
66	15	10	429000	1745.0	CP-OFDM QPSK	52@0	9.3621	9.59
66	15	10	429000	1745.0	CP-OFDM 16 QAM	52@0	9.3613	9.628
66	15	10	429000	1745.0	CP-OFDM 64 QAM	52@0	9.3601	9.611
66	15	10	429000	1745.0	CP-OFDM 256 QAM	52@0	9.3249	9.554
66	15	15	429000	1745.0	DFT-s-OFDM PI/2 BPSK	75@0	13.534	13.88
66	15	15	429000	1745.0	DFT-s-OFDM QPSK	75@0	13.528	13.88
66	15	15	429000	1745.0	CP-OFDM QPSK	79@0	14.265	14.54
66	15	15	429000	1745.0	CP-OFDM 16 QAM	79@0	14.269	14.56
66	15	15	429000	1745.0	CP-OFDM 64 QAM	79@0	14.229	14.55
66	15	15	429000	1745.0	CP-OFDM 256 QAM	79@0	14.207	14.53
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	18.077	18.48
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	18.07	18.52
66	15	20	429000	1745.0	CP-OFDM QPSK	106@0	19.098	19.52
66	15	20	429000	1745.0	CP-OFDM 16 QAM	106@0	19.083	19.47
66	15	20	429000	1745.0	CP-OFDM 64 QAM	106@0	19.126	19.54
66	15	20	429000	1745.0	CP-OFDM 256 QAM	106@0	19.083	19.53

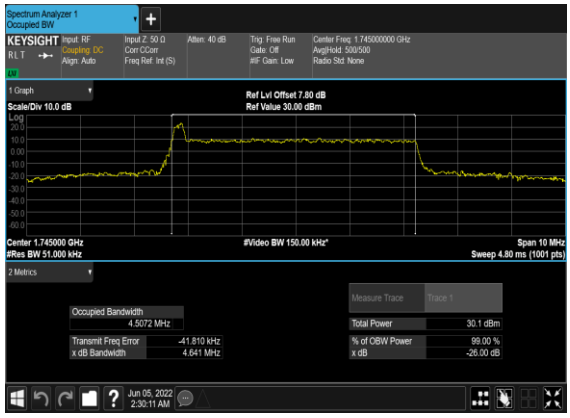
66	15	25	429000	1745.0	DFT-s-OFDM PI/2 BPSK	128@0	23.05	23.59
66	15	25	429000	1745.0	DFT-s-OFDM QPSK	128@0	23.083	23.62
66	15	25	429000	1745.0	CP-OFDM QPSK	133@0	23.958	24.44
66	15	25	429000	1745.0	CP-OFDM 16 QAM	133@0	23.951	24.41
66	15	25	429000	1745.0	CP-OFDM 64 QAM	133@0	23.938	24.49
66	15	25	429000	1745.0	CP-OFDM 256 QAM	133@0	23.905	24.43
66	15	30	429000	1745.0	DFT-s-OFDM PI/2 BPSK	160@0	28.858	29.45
66	15	30	429000	1745.0	DFT-s-OFDM QPSK	160@0	28.848	29.57
66	15	30	429000	1745.0	CP-OFDM QPSK	160@0	28.912	29.42
66	15	30	429000	1745.0	CP-OFDM 16 QAM	160@0	28.905	29.41
66	15	30	429000	1745.0	CP-OFDM 64 QAM	160@0	28.86	29.57
66	15	30	429000	1745.0	CP-OFDM 256 QAM	160@0	28.861	29.36
66	15	40	429000	1745.0	DFT-s-OFDM PI/2 BPSK	216@0	39.048	39.81
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	216@0	39.023	39.89
66	15	40	429000	1745.0	CP-OFDM QPSK	216@0	39.049	39.71
66	15	40	429000	1745.0	CP-OFDM 16 QAM	216@0	39.004	39.76
66	15	40	429000	1745.0	CP-OFDM 64 QAM	216@0	38.982	39.71
66	15	40	429000	1745.0	CP-OFDM 256 QAM	216@0	38.936	39.63

B7_N66(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

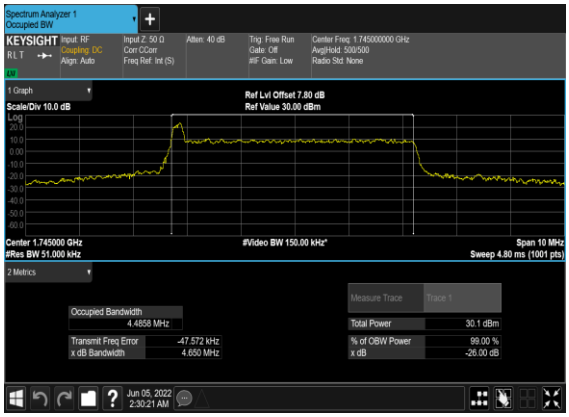
B7_N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

B7_N66(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

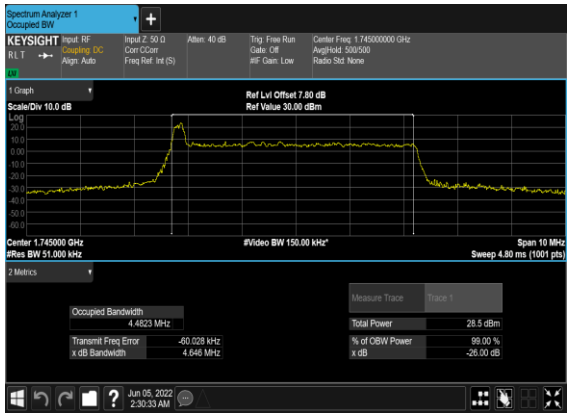
B7_N66(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B7_N66(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

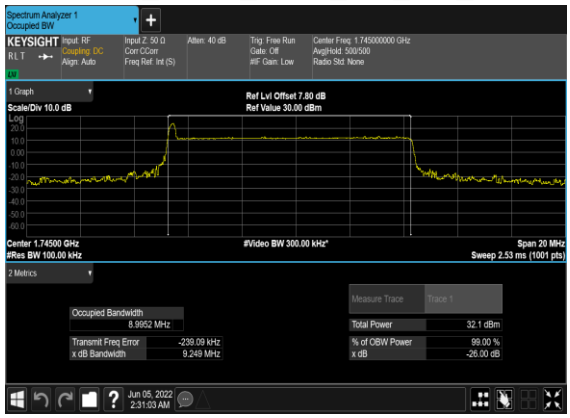


B7_N66(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

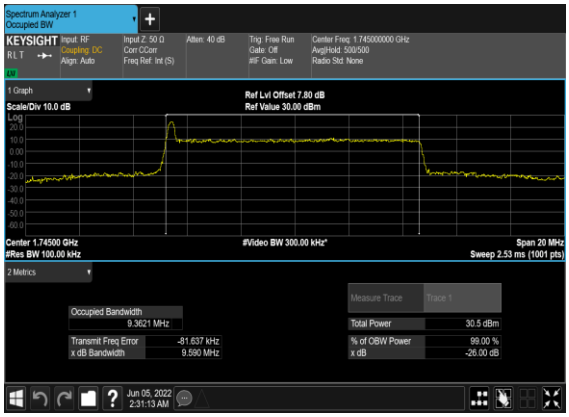


B7_N66(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

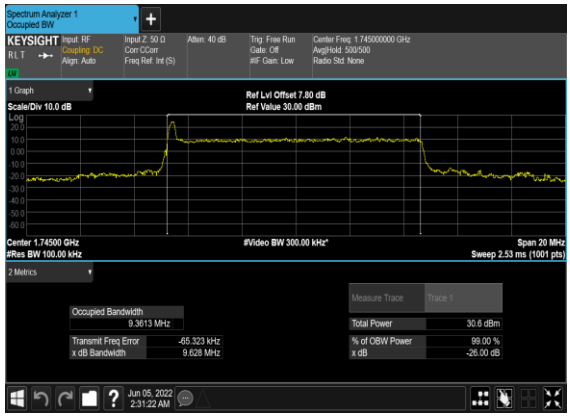
B7_N66(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B7_N66(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



B7_N66(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

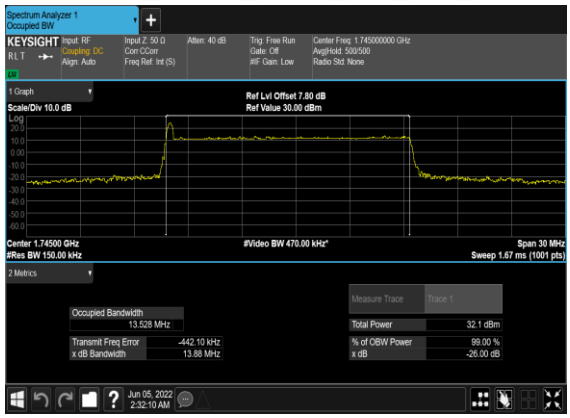


B7_N66(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

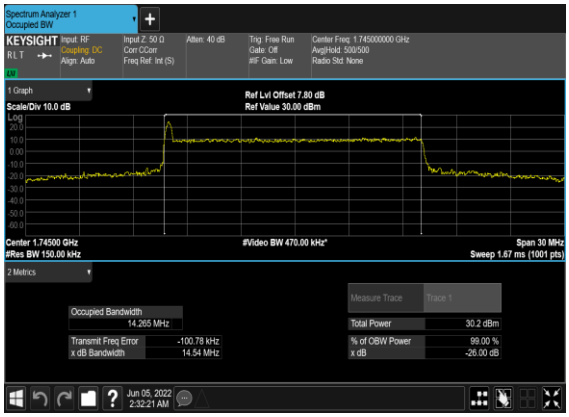
B7_N66(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

B7_N66(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

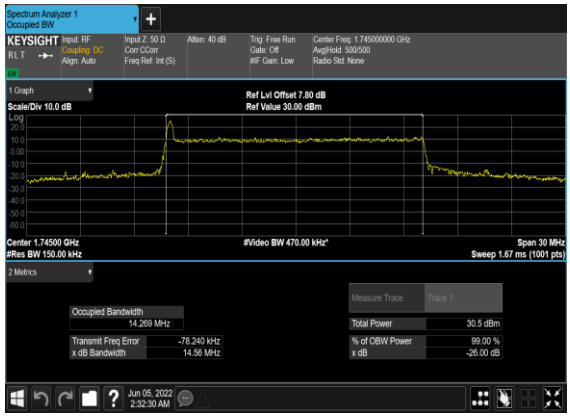
B7_N66(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



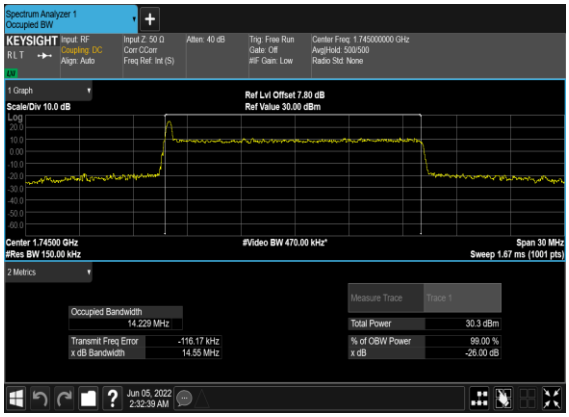
B7_N66(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



B7_N66(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



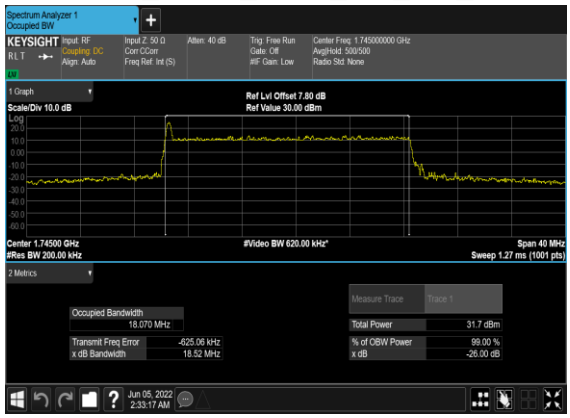
B7_N66(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



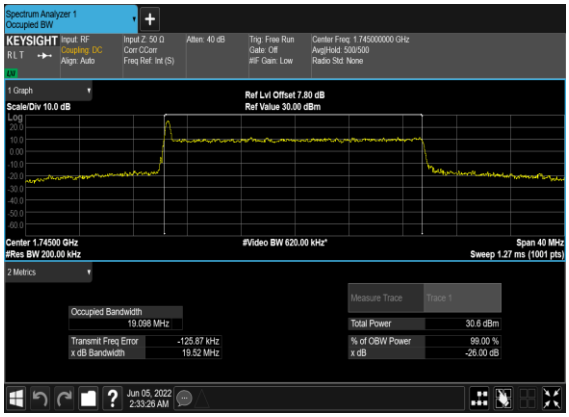
B7_N66(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

B7_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

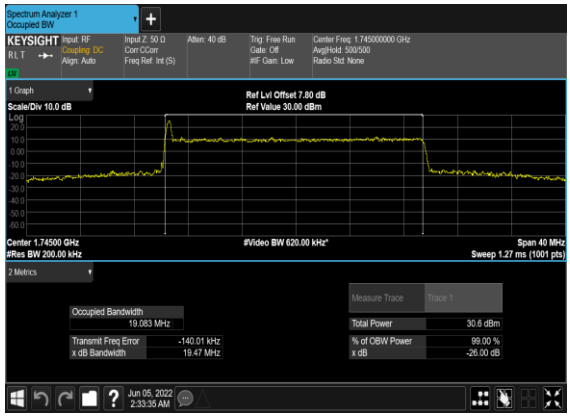
B7_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B7_N66(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

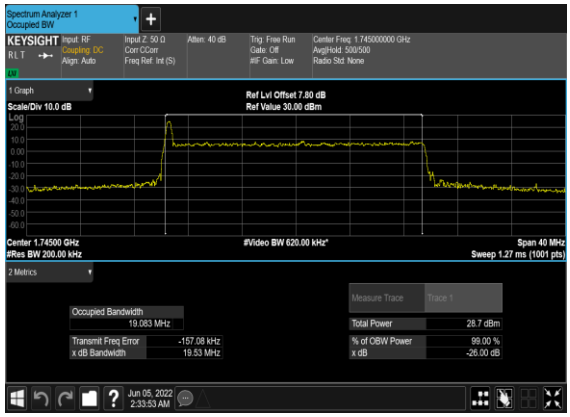


B7_N66(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B7_N66(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B7_N66(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

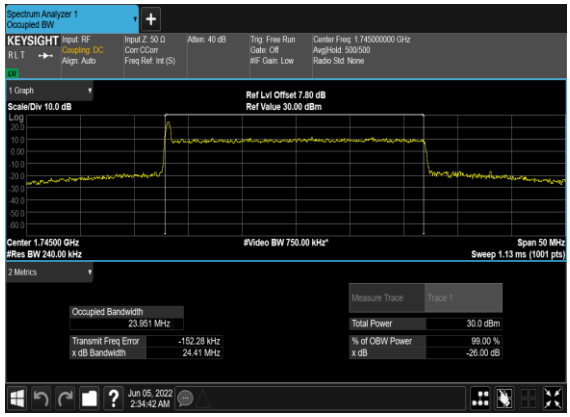


B7_N66(25M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

B7_N66(25M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

B7_N66(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

B7_N66(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



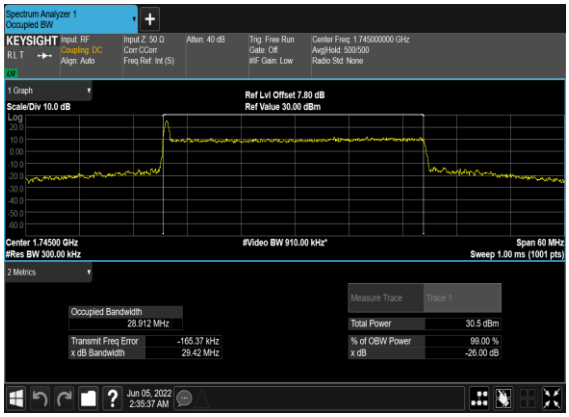
B7_N66(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B7_N66(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

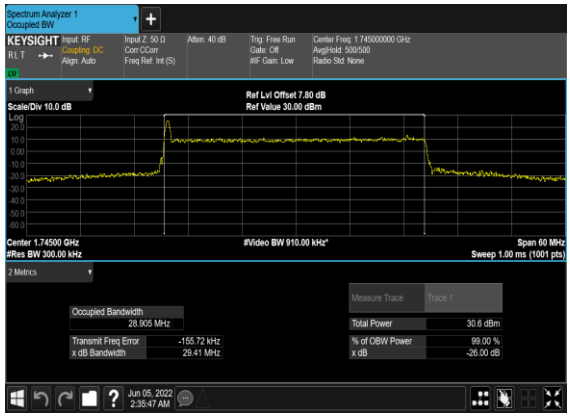
B7_N66(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

B7_N66(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

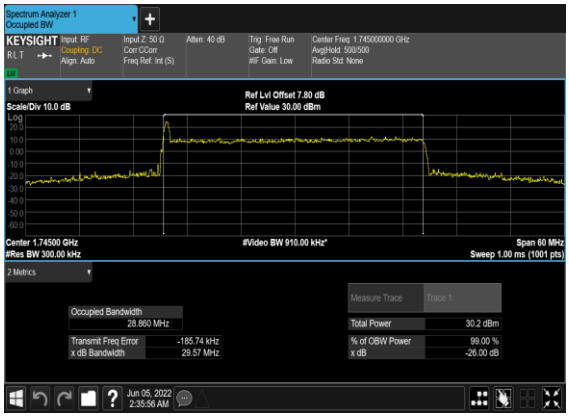
B7_N66(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



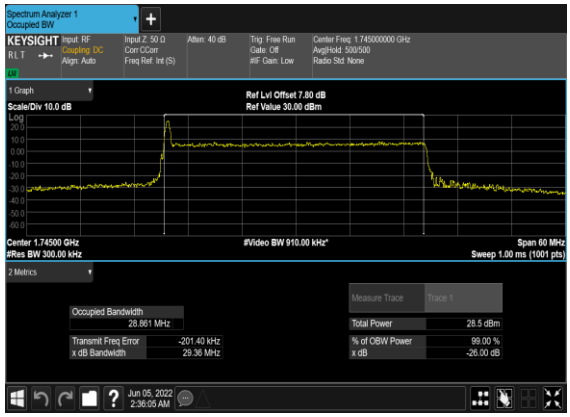
B7_N66(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



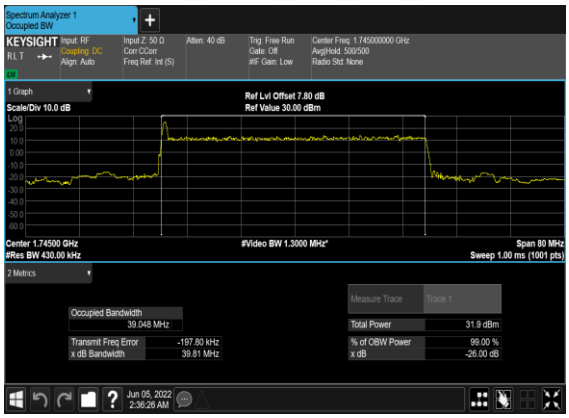
B7_N66(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



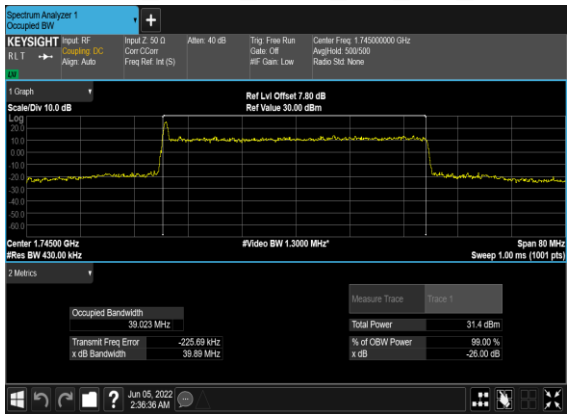
B7_N66(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



B7_N66(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

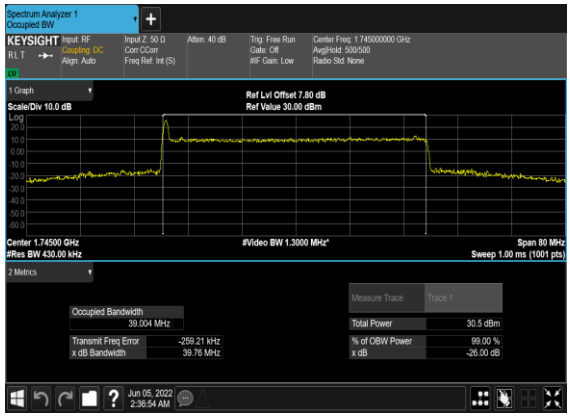


B7_N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

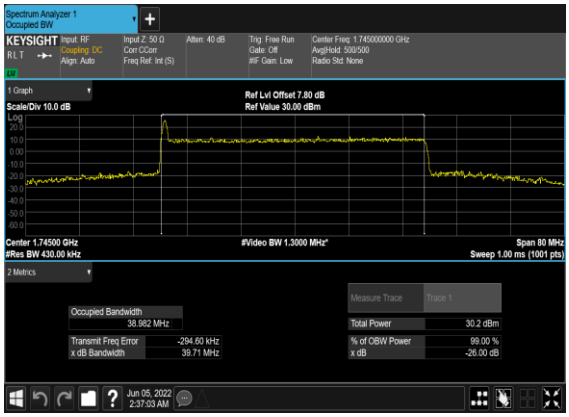


B7_N66(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

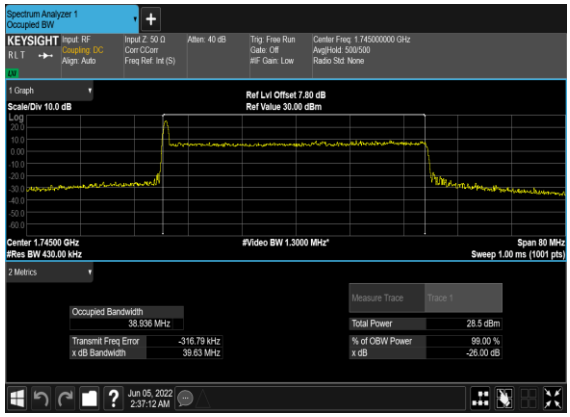
B7_N66(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B7_N66(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



B7_N66(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

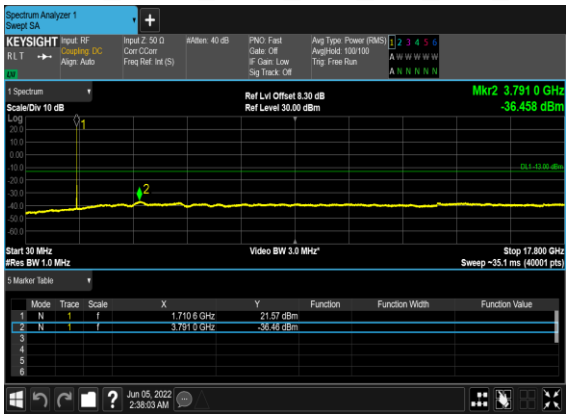


Conducted Spurious Emissions

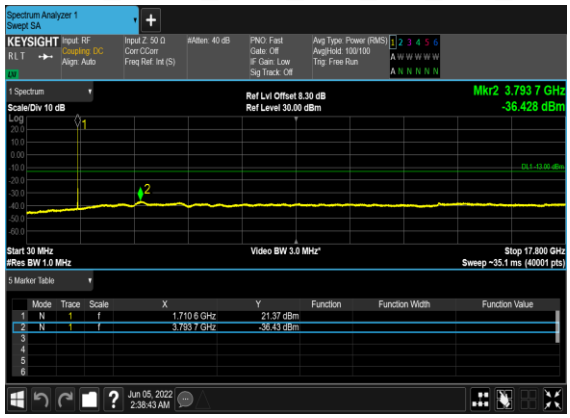
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	5	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	20	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**

66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	40	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

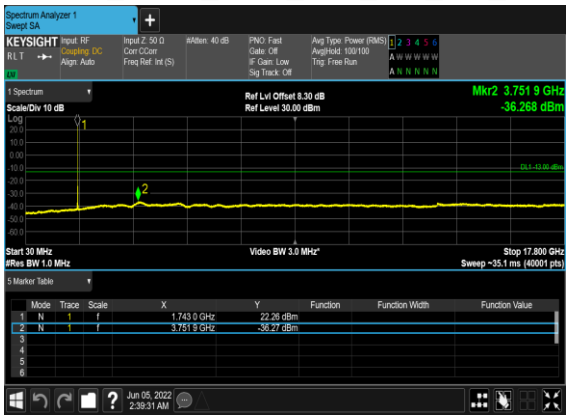
B7_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



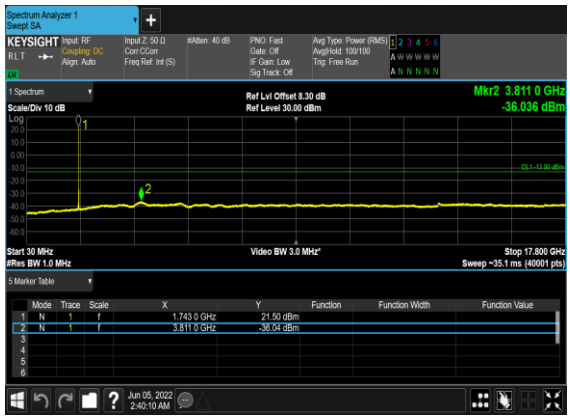
B7_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



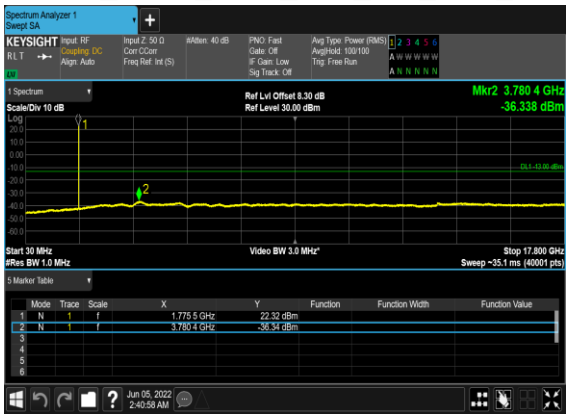
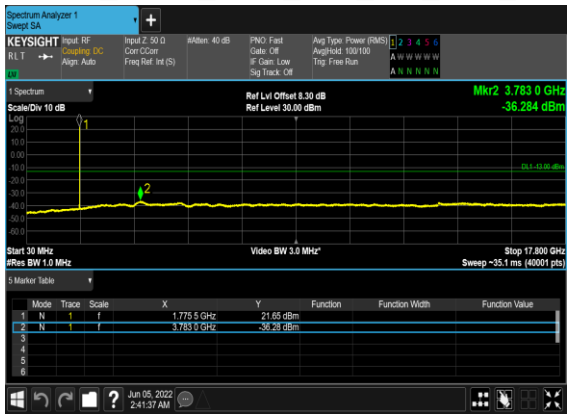
B7_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B7_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B7_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B7_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH