

FR1 N66

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

Transmitter Conducted Output Power And ERP/EIRP, (G_T - L_C)=-1.1dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	5	422500	1712.5	DFT-s-OFDM PI/2 BPSK	12@6	23.07	21.97	0.1574
66	15	5	422500	1712.5	DFT-s-OFDM PI/2 BPSK	1@1	22.96	21.86	0.1535
66	15	5	422500	1712.5	DFT-s-OFDM PI/2 BPSK	1@23	23.05	21.95	0.1567
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	12@6	23.16	22.06	0.1607
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@1	23.05	21.95	0.1567
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@23	23.11	22.01	0.1589
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	12@6	22.14	21.04	0.1271
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	1@1	22.05	20.95	0.1245
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	1@23	22.16	21.06	0.1276
66	15	5	422500	1712.5	DFT-s-OFDM 64 QAM	12@6	20.58	19.48	0.0887
66	15	5	422500	1712.5	DFT-s-OFDM 64 QAM	1@1	20.87	19.77	0.0948
66	15	5	422500	1712.5	DFT-s-OFDM 64 QAM	1@23	20.41	19.31	0.0853
66	15	5	422500	1712.5	DFT-s-OFDM 256 QAM	12@6	18.49	17.39	0.0548
66	15	5	422500	1712.5	DFT-s-OFDM 256 QAM	1@1	18.5	17.4	0.055
66	15	5	422500	1712.5	DFT-s-OFDM 256 QAM	1@23	18.57	17.47	0.0558
66	15	5	422500	1712.5	CP-OFDM QPSK	13@6	21.53	20.43	0.1104
66	15	5	422500	1712.5	CP-OFDM QPSK	1@1	21.77	20.67	0.1167
66	15	5	422500	1712.5	CP-OFDM QPSK	1@23	21.81	20.71	0.1178
66	15	5	429000	1745.0	DFT-s-OFDM PI/2 BPSK	12@6	22.95	21.85	0.1531

66	15	5	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@1	22.87	21.77	0.1503
66	15	5	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@23	22.85	21.75	0.1496
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	12@6	22.88	21.78	0.1507
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	1@1	22.83	21.73	0.1489
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	1@23	22.86	21.76	0.15
66	15	5	429000	1745.0	DFT-s-OFDM 16 QAM	12@6	21.94	20.84	0.1213
66	15	5	429000	1745.0	DFT-s-OFDM 16 QAM	1@1	21.89	20.79	0.1199
66	15	5	429000	1745.0	DFT-s-OFDM 16 QAM	1@23	21.89	20.79	0.1199
66	15	5	429000	1745.0	DFT-s-OFDM 64 QAM	12@6	20.34	19.24	0.0839
66	15	5	429000	1745.0	DFT-s-OFDM 64 QAM	1@1	20.17	19.07	0.0807
66	15	5	429000	1745.0	DFT-s-OFDM 64 QAM	1@23	20.14	19.04	0.0802
66	15	5	429000	1745.0	DFT-s-OFDM 256 QAM	12@6	18.29	17.19	0.0524
66	15	5	429000	1745.0	DFT-s-OFDM 256 QAM	1@1	18.33	17.23	0.0528
66	15	5	429000	1745.0	DFT-s-OFDM 256 QAM	1@23	18.3	17.2	0.0525
66	15	5	429000	1745.0	CP-OFDM QPSK	13@6	21.31	20.21	0.105
66	15	5	429000	1745.0	CP-OFDM QPSK	1@1	21.53	20.43	0.1104
66	15	5	429000	1745.0	CP-OFDM QPSK	1@23	21.48	20.38	0.1091
66	15	5	435500	1777.5	DFT-s-OFDM PI/2 BPSK	12@6	23.13	22.03	0.1596
66	15	5	435500	1777.5	DFT-s-OFDM PI/2 BPSK	1@1	23.11	22.01	0.1589
66	15	5	435500	1777.5	DFT-s-OFDM PI/2 BPSK	1@23	23.15	22.05	0.1603
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	12@6	23.21	22.11	0.1626
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@1	23.08	21.98	0.1578
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@23	22.74	21.64	0.1459
66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	12@6	22.23	21.13	0.1297

66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	1@1	22.17	21.07	0.1279
66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	1@23	21.73	20.63	0.1156
66	15	5	435500	1777.5	DFT-s-OFDM 64 QAM	12@6	20.66	19.56	0.0904
66	15	5	435500	1777.5	DFT-s-OFDM 64 QAM	1@1	20.46	19.36	0.0863
66	15	5	435500	1777.5	DFT-s-OFDM 64 QAM	1@23	20.62	19.52	0.0895
66	15	5	435500	1777.5	DFT-s-OFDM 256 QAM	12@6	18.6	17.5	0.0562
66	15	5	435500	1777.5	DFT-s-OFDM 256 QAM	1@1	18.66	17.56	0.057
66	15	5	435500	1777.5	DFT-s-OFDM 256 QAM	1@23	18.66	17.56	0.057
66	15	5	435500	1777.5	CP-OFDM QPSK	13@6	21.63	20.53	0.113
66	15	5	435500	1777.5	CP-OFDM QPSK	1@1	21.86	20.76	0.1191
66	15	5	435500	1777.5	CP-OFDM QPSK	1@23	21.98	20.88	0.1225
66	15	10	423000	1715.0	DFT-s-OFDM PI/2 BPSK	25@12	23.07	21.97	0.1574
66	15	10	423000	1715.0	DFT-s-OFDM PI/2 BPSK	1@1	22.98	21.88	0.1542
66	15	10	423000	1715.0	DFT-s-OFDM PI/2 BPSK	1@50	22.96	21.86	0.1535
66	15	10	423000	1715.0	DFT-s-OFDM QPSK	25@12	23.1	22.0	0.1585
66	15	10	423000	1715.0	DFT-s-OFDM QPSK	1@1	22.97	21.87	0.1538
66	15	10	423000	1715.0	DFT-s-OFDM QPSK	1@50	22.96	21.86	0.1535
66	15	10	423000	1715.0	DFT-s-OFDM 16 QAM	25@12	22.15	21.05	0.1274
66	15	10	423000	1715.0	DFT-s-OFDM 16 QAM	1@1	21.94	20.84	0.1213
66	15	10	423000	1715.0	DFT-s-OFDM 16 QAM	1@50	21.95	20.85	0.1216
66	15	10	423000	1715.0	DFT-s-OFDM 64 QAM	25@12	20.53	19.43	0.0877
66	15	10	423000	1715.0	DFT-s-OFDM 64 QAM	1@1	20.24	19.14	0.082
66	15	10	423000	1715.0	DFT-s-OFDM 64 QAM	1@50	20.21	19.11	0.0815
66	15	10	423000	1715.0	DFT-s-OFDM 256 QAM	25@12	18.41	17.31	0.0538

66	15	10	423000	1715.0	DFT-s-OFDM 256 QAM	1@1	18.42	17.32	0.054
66	15	10	423000	1715.0	DFT-s-OFDM 256 QAM	1@50	18.35	17.25	0.0531
66	15	10	423000	1715.0	CP-OFDM QPSK	26@13	21.54	20.44	0.1107
66	15	10	423000	1715.0	CP-OFDM QPSK	1@1	21.58	20.48	0.1117
66	15	10	423000	1715.0	CP-OFDM QPSK	1@50	21.57	20.47	0.1114
66	15	10	429000	1745.0	DFT-s-OFDM PI/2 BPSK	25@12	22.77	21.67	0.1469
66	15	10	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@1	22.69	21.59	0.1442
66	15	10	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@50	22.73	21.63	0.1455
66	15	10	429000	1745.0	DFT-s-OFDM QPSK	25@12	22.77	21.67	0.1469
66	15	10	429000	1745.0	DFT-s-OFDM QPSK	1@1	22.72	21.62	0.1452
66	15	10	429000	1745.0	DFT-s-OFDM QPSK	1@50	22.74	21.64	0.1459
66	15	10	429000	1745.0	DFT-s-OFDM 16 QAM	25@12	21.77	20.67	0.1167
66	15	10	429000	1745.0	DFT-s-OFDM 16 QAM	1@1	21.76	20.66	0.1164
66	15	10	429000	1745.0	DFT-s-OFDM 16 QAM	1@50	21.76	20.66	0.1164
66	15	10	429000	1745.0	DFT-s-OFDM 64 QAM	25@12	20.29	19.19	0.083
66	15	10	429000	1745.0	DFT-s-OFDM 64 QAM	1@1	19.98	18.88	0.0773
66	15	10	429000	1745.0	DFT-s-OFDM 64 QAM	1@50	20.07	18.97	0.0789
66	15	10	429000	1745.0	DFT-s-OFDM 256 QAM	25@12	18.15	17.05	0.0507
66	15	10	429000	1745.0	DFT-s-OFDM 256 QAM	1@1	18.24	17.14	0.0518
66	15	10	429000	1745.0	DFT-s-OFDM 256 QAM	1@50	18.25	17.15	0.0519
66	15	10	429000	1745.0	CP-OFDM QPSK	26@13	21.28	20.18	0.1042
66	15	10	429000	1745.0	CP-OFDM QPSK	1@1	21.36	20.26	0.1062
66	15	10	429000	1745.0	CP-OFDM QPSK	1@50	21.43	20.33	0.1079
66	15	10	435000	1775.0	DFT-s-OFDM PI/2 BPSK	25@12	23.04	21.94	0.1563

66	15	10	435000	1775.0	DFT-s-OFDM PI/2 BPSK	1@1	22.94	21.84	0.1528
66	15	10	435000	1775.0	DFT-s-OFDM PI/2 BPSK	1@50	22.54	21.44	0.1393
66	15	10	435000	1775.0	DFT-s-OFDM QPSK	25@12	23.09	21.99	0.1581
66	15	10	435000	1775.0	DFT-s-OFDM QPSK	1@1	22.38	21.28	0.1343
66	15	10	435000	1775.0	DFT-s-OFDM QPSK	1@50	22.51	21.41	0.1384
66	15	10	435000	1775.0	DFT-s-OFDM 16 QAM	25@12	22.08	20.98	0.1253
66	15	10	435000	1775.0	DFT-s-OFDM 16 QAM	1@1	21.44	20.34	0.1081
66	15	10	435000	1775.0	DFT-s-OFDM 16 QAM	1@50	21.57	20.47	0.1114
66	15	10	435000	1775.0	DFT-s-OFDM 64 QAM	25@12	20.6	19.5	0.0891
66	15	10	435000	1775.0	DFT-s-OFDM 64 QAM	1@1	20.26	19.16	0.0824
66	15	10	435000	1775.0	DFT-s-OFDM 64 QAM	1@50	20.32	19.22	0.0836
66	15	10	435000	1775.0	DFT-s-OFDM 256 QAM	25@12	18.45	17.35	0.0543
66	15	10	435000	1775.0	DFT-s-OFDM 256 QAM	1@1	18.38	17.28	0.0535
66	15	10	435000	1775.0	DFT-s-OFDM 256 QAM	1@50	18.5	17.4	0.055
66	15	10	435000	1775.0	CP-OFDM QPSK	26@13	21.54	20.44	0.1107
66	15	10	435000	1775.0	CP-OFDM QPSK	1@1	21.06	19.96	0.0991
66	15	10	435000	1775.0	CP-OFDM QPSK	1@50	21.21	20.11	0.1026
66	15	15	423500	1717.5	DFT-s-OFDM PI/2 BPSK	36@18	23.21	22.11	0.1626
66	15	15	423500	1717.5	DFT-s-OFDM PI/2 BPSK	1@1	23.11	22.01	0.1589
66	15	15	423500	1717.5	DFT-s-OFDM PI/2 BPSK	1@77	23.06	21.96	0.157
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	36@18	23.25	22.15	0.1641
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	1@1	22.53	21.43	0.139
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	1@77	22.58	21.48	0.1406
66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	36@18	22.28	21.18	0.1312

66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	1@1	21.6	20.5	0.1122
66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	1@77	21.54	20.44	0.1107
66	15	15	423500	1717.5	DFT-s-OFDM 64 QAM	36@18	20.8	19.7	0.0933
66	15	15	423500	1717.5	DFT-s-OFDM 64 QAM	1@1	20.39	19.29	0.0849
66	15	15	423500	1717.5	DFT-s-OFDM 64 QAM	1@77	20.39	19.29	0.0849
66	15	15	423500	1717.5	DFT-s-OFDM 256 QAM	36@18	18.58	17.48	0.056
66	15	15	423500	1717.5	DFT-s-OFDM 256 QAM	1@1	18.48	17.38	0.0547
66	15	15	423500	1717.5	DFT-s-OFDM 256 QAM	1@77	18.59	17.49	0.0561
66	15	15	423500	1717.5	CP-OFDM QPSK	39@191	20.14	19.04	0.0802
66	15	15	423500	1717.5	CP-OFDM QPSK	1@1	21.77	20.67	0.1167
66	15	15	423500	1717.5	CP-OFDM QPSK	1@77	21.71	20.61	0.1151
66	15	15	429000	1745.0	DFT-s-OFDM PI/2 BPSK	36@18	22.93	21.83	0.1524
66	15	15	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@1	22.88	21.78	0.1507
66	15	15	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@77	22.85	21.75	0.1496
66	15	15	429000	1745.0	DFT-s-OFDM QPSK	36@18	22.95	21.85	0.1531
66	15	15	429000	1745.0	DFT-s-OFDM QPSK	1@1	22.45	21.35	0.1365
66	15	15	429000	1745.0	DFT-s-OFDM QPSK	1@77	22.39	21.29	0.1346
66	15	15	429000	1745.0	DFT-s-OFDM 16 QAM	36@18	22.04	20.94	0.1242
66	15	15	429000	1745.0	DFT-s-OFDM 16 QAM	1@1	21.95	20.85	0.1216
66	15	15	429000	1745.0	DFT-s-OFDM 16 QAM	1@77	21.42	20.32	0.1076
66	15	15	429000	1745.0	DFT-s-OFDM 64 QAM	36@18	20.52	19.42	0.0875
66	15	15	429000	1745.0	DFT-s-OFDM 64 QAM	1@1	20.2	19.1	0.0813
66	15	15	429000	1745.0	DFT-s-OFDM 64 QAM	1@77	20.16	19.06	0.0805
66	15	15	429000	1745.0	DFT-s-OFDM 256 QAM	36@18	18.34	17.24	0.053

66	15	15	429000	1745.0	DFT-s-OFDM 256 QAM	1@1	18.35	17.25	0.0531
66	15	15	429000	1745.0	DFT-s-OFDM 256 QAM	1@77	18.3	17.2	0.0525
66	15	15	429000	1745.0	CP-OFDM QPSK	39@191	19.92	18.82	0.0762
66	15	15	429000	1745.0	CP-OFDM QPSK	1@1	21.53	20.43	0.1104
66	15	15	429000	1745.0	CP-OFDM QPSK	1@77	21.51	20.41	0.1099
66	15	15	434500	1772.5	DFT-s-OFDM PI/2 BPSK	36@18	23.18	22.08	0.1614
66	15	15	434500	1772.5	DFT-s-OFDM PI/2 BPSK	1@1	23.02	21.92	0.1556
66	15	15	434500	1772.5	DFT-s-OFDM PI/2 BPSK	1@77	22.67	21.57	0.1435
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	36@18	23.25	22.15	0.1641
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	1@1	22.5	21.4	0.138
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	1@77	22.64	21.54	0.1426
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	36@18	22.29	21.19	0.1315
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	1@1	21.56	20.46	0.1112
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	1@77	21.72	20.62	0.1153
66	15	15	434500	1772.5	DFT-s-OFDM 64 QAM	36@18	20.74	19.64	0.092
66	15	15	434500	1772.5	DFT-s-OFDM 64 QAM	1@1	20.13	19.03	0.08
66	15	15	434500	1772.5	DFT-s-OFDM 64 QAM	1@77	19.96	18.86	0.0769
66	15	15	434500	1772.5	DFT-s-OFDM 256 QAM	36@18	18.66	17.56	0.057
66	15	15	434500	1772.5	DFT-s-OFDM 256 QAM	1@1	18.45	17.35	0.0543
66	15	15	434500	1772.5	DFT-s-OFDM 256 QAM	1@77	18.57	17.47	0.0558
66	15	15	434500	1772.5	CP-OFDM QPSK	39@191	20.11	19.01	0.0796
66	15	15	434500	1772.5	CP-OFDM QPSK	1@1	21.2	20.1	0.1023
66	15	15	434500	1772.5	CP-OFDM QPSK	1@77	21.36	20.26	0.1062
66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	50@25	23.14	22.04	0.16

66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	1@1	22.53	21.43	0.139
66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	1@104	22.53	21.43	0.139
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	50@25	23.21	22.11	0.1626
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@1	22.52	21.42	0.1387
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@104	22.51	21.41	0.1384
66	15	20	424000	1720.0	DFT-s-OFDM 16 QAM	50@25	22.25	21.15	0.1303
66	15	20	424000	1720.0	DFT-s-OFDM 16 QAM	1@1	21.54	20.44	0.1107
66	15	20	424000	1720.0	DFT-s-OFDM 16 QAM	1@104	21.53	20.43	0.1104
66	15	20	424000	1720.0	DFT-s-OFDM 64 QAM	50@25	20.7	19.6	0.0912
66	15	20	424000	1720.0	DFT-s-OFDM 64 QAM	1@1	19.86	18.76	0.0752
66	15	20	424000	1720.0	DFT-s-OFDM 64 QAM	1@104	19.8	18.7	0.0741
66	15	20	424000	1720.0	DFT-s-OFDM 256 QAM	50@25	18.64	17.54	0.0568
66	15	20	424000	1720.0	DFT-s-OFDM 256 QAM	1@1	18.54	17.44	0.0555
66	15	20	424000	1720.0	DFT-s-OFDM 256 QAM	1@104	18.44	17.34	0.0542
66	15	20	424000	1720.0	CP-OFDM QPSK	53@26	21.69	20.59	0.1146
66	15	20	424000	1720.0	CP-OFDM QPSK	1@1	21.65	20.55	0.1135
66	15	20	424000	1720.0	CP-OFDM QPSK	1@104	21.7	20.6	0.1148
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	50@25	22.9	21.8	0.1514
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@1	22.89	21.79	0.151
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@104	22.44	21.34	0.1361
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	50@25	22.97	21.87	0.1538
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@1	22.37	21.27	0.134
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@104	22.36	21.26	0.1337
66	15	20	429000	1745.0	DFT-s-OFDM 16 QAM	50@25	22.04	20.94	0.1242

66	15	20	429000	1745.0	DFT-s-OFDM 16 QAM	1@1	21.5	20.4	0.1096
66	15	20	429000	1745.0	DFT-s-OFDM 16 QAM	1@104	21.4	20.3	0.1072
66	15	20	429000	1745.0	DFT-s-OFDM 64 QAM	50@25	20.46	19.36	0.0863
66	15	20	429000	1745.0	DFT-s-OFDM 64 QAM	1@1	20.16	19.06	0.0805
66	15	20	429000	1745.0	DFT-s-OFDM 64 QAM	1@104	20.16	19.06	0.0805
66	15	20	429000	1745.0	DFT-s-OFDM 256 QAM	50@25	18.42	17.32	0.054
66	15	20	429000	1745.0	DFT-s-OFDM 256 QAM	1@1	18.34	17.24	0.053
66	15	20	429000	1745.0	DFT-s-OFDM 256 QAM	1@104	18.37	17.27	0.0533
66	15	20	429000	1745.0	CP-OFDM QPSK	53@26	21.44	20.34	0.1081
66	15	20	429000	1745.0	CP-OFDM QPSK	1@1	21.51	20.41	0.1099
66	15	20	429000	1745.0	CP-OFDM QPSK	1@104	21.6	20.5	0.1122
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	50@25	23.16	22.06	0.1607
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	1@1	22.39	21.29	0.1346
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	1@104	22.62	21.52	0.1419
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	50@25	23.3	22.2	0.166
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@1	22.39	21.29	0.1346
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@104	22.62	21.52	0.1419
66	15	20	434000	1770.0	DFT-s-OFDM 16 QAM	50@25	22.35	21.25	0.1334
66	15	20	434000	1770.0	DFT-s-OFDM 16 QAM	1@1	21.42	20.32	0.1076
66	15	20	434000	1770.0	DFT-s-OFDM 16 QAM	1@104	21.68	20.58	0.1143
66	15	20	434000	1770.0	DFT-s-OFDM 64 QAM	50@25	20.71	19.61	0.0914
66	15	20	434000	1770.0	DFT-s-OFDM 64 QAM	1@1	19.75	18.65	0.0733
66	15	20	434000	1770.0	DFT-s-OFDM 64 QAM	1@104	19.93	18.83	0.0764
66	15	20	434000	1770.0	DFT-s-OFDM 256 QAM	50@25	18.68	17.58	0.0573

66	15	20	434000	1770.0	DFT-s-OFDM 256 QAM	1@1	18.46	17.36	0.0545
66	15	20	434000	1770.0	DFT-s-OFDM 256 QAM	1@104	18.63	17.53	0.0566
66	15	20	434000	1770.0	CP-OFDM QPSK	53@26	21.72	20.62	0.1153
66	15	20	434000	1770.0	CP-OFDM QPSK	1@1	21.05	19.95	0.0989
66	15	20	434000	1770.0	CP-OFDM QPSK	1@104	21.43	20.33	0.1079
66	15	40	426000	1730.0	DFT-s-OFDM PI/2 BPSK	108@54	22.81	21.71	0.1483
66	15	40	426000	1730.0	DFT-s-OFDM PI/2 BPSK	1@1	21.88	20.78	0.1197
66	15	40	426000	1730.0	DFT-s-OFDM PI/2 BPSK	1@214	21.78	20.68	0.1169
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	108@54	22.95	21.85	0.1531
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@1	21.87	20.77	0.1194
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@214	21.78	20.68	0.1169
66	15	40	426000	1730.0	DFT-s-OFDM 16 QAM	108@54	21.87	20.77	0.1194
66	15	40	426000	1730.0	DFT-s-OFDM 16 QAM	1@1	20.86	19.76	0.0946
66	15	40	426000	1730.0	DFT-s-OFDM 16 QAM	1@214	20.76	19.66	0.0925
66	15	40	426000	1730.0	DFT-s-OFDM 64 QAM	108@54	20.38	19.28	0.0847
66	15	40	426000	1730.0	DFT-s-OFDM 64 QAM	1@1	19.1	18.0	0.0631
66	15	40	426000	1730.0	DFT-s-OFDM 64 QAM	1@214	19.25	18.15	0.0653
66	15	40	426000	1730.0	DFT-s-OFDM 256 QAM	108@54	18.33	17.23	0.0528
66	15	40	426000	1730.0	DFT-s-OFDM 256 QAM	1@1	17.81	16.71	0.0469
66	15	40	426000	1730.0	DFT-s-OFDM 256 QAM	1@214	17.63	16.53	0.045
66	15	40	426000	1730.0	CP-OFDM QPSK	108@54	21.38	20.28	0.1067
66	15	40	426000	1730.0	CP-OFDM QPSK	1@1	20.49	19.39	0.0869
66	15	40	426000	1730.0	CP-OFDM QPSK	1@214	20.4	19.3	0.0851
66	15	40	429000	1745.0	DFT-s-OFDM PI/2 BPSK	108@54	22.7	21.6	0.1445

66	15	40	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@1	21.8	20.7	0.1175
66	15	40	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@214	21.86	20.76	0.1191
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	108@54	22.8	21.7	0.1479
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	1@1	21.84	20.74	0.1186
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	1@214	21.84	20.74	0.1186
66	15	40	429000	1745.0	DFT-s-OFDM 16 QAM	108@54	21.77	20.67	0.1167
66	15	40	429000	1745.0	DFT-s-OFDM 16 QAM	1@1	20.88	19.78	0.0951
66	15	40	429000	1745.0	DFT-s-OFDM 16 QAM	1@214	20.88	19.78	0.0951
66	15	40	429000	1745.0	DFT-s-OFDM 64 QAM	108@54	20.27	19.17	0.0826
66	15	40	429000	1745.0	DFT-s-OFDM 64 QAM	1@1	19.13	18.03	0.0635
66	15	40	429000	1745.0	DFT-s-OFDM 64 QAM	1@214	19.05	17.95	0.0624
66	15	40	429000	1745.0	DFT-s-OFDM 256 QAM	108@54	18.21	17.11	0.0514
66	15	40	429000	1745.0	DFT-s-OFDM 256 QAM	1@1	17.75	16.65	0.0462
66	15	40	429000	1745.0	DFT-s-OFDM 256 QAM	1@214	17.75	16.65	0.0462
66	15	40	429000	1745.0	CP-OFDM QPSK	108@54	21.27	20.17	0.104
66	15	40	429000	1745.0	CP-OFDM QPSK	1@1	20.94	19.84	0.0964
66	15	40	429000	1745.0	CP-OFDM QPSK	1@214	20.45	19.35	0.0861
66	15	40	432000	1760.0	DFT-s-OFDM PI/2 BPSK	108@54	22.77	21.67	0.1469
66	15	40	432000	1760.0	DFT-s-OFDM PI/2 BPSK	1@1	22.2	21.1	0.1288
66	15	40	432000	1760.0	DFT-s-OFDM PI/2 BPSK	1@214	22.06	20.96	0.1247
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	108@54	22.87	21.77	0.1503
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@1	21.65	20.55	0.1135
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@214	22.0	20.9	0.123
66	15	40	432000	1760.0	DFT-s-OFDM 16 QAM	108@54	21.88	20.78	0.1197

66	15	40	432000	1760.0	DFT-s-OFDM 16 QAM	1@1	20.69	19.59	0.091
66	15	40	432000	1760.0	DFT-s-OFDM 16 QAM	1@214	21.05	19.95	0.0989
66	15	40	432000	1760.0	DFT-s-OFDM 64 QAM	108@54	20.35	19.25	0.0841
66	15	40	432000	1760.0	DFT-s-OFDM 64 QAM	1@1	19.05	17.95	0.0624
66	15	40	432000	1760.0	DFT-s-OFDM 64 QAM	1@214	19.31	18.21	0.0662
66	15	40	432000	1760.0	DFT-s-OFDM 256 QAM	108@54	18.27	17.17	0.0521
66	15	40	432000	1760.0	DFT-s-OFDM 256 QAM	1@1	17.56	16.46	0.0443
66	15	40	432000	1760.0	DFT-s-OFDM 256 QAM	1@214	17.93	16.83	0.0482
66	15	40	432000	1760.0	CP-OFDM QPSK	108@54	21.39	20.29	0.1069
66	15	40	432000	1760.0	CP-OFDM QPSK	1@1	20.34	19.24	0.0839
66	15	40	432000	1760.0	CP-OFDM QPSK	1@214	20.7	19.6	0.0912

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

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	0.00254	PASS	NV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00640	PASS	LV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00549	PASS	HV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00280	PASS	-30°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00572	PASS	-20°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00223	PASS	-10°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00647	PASS	0°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00685	PASS	10°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00577	PASS	20°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00508	PASS	30°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00642	PASS	40°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00536	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	424000	1720.0	DFT-s-OFDM PI/2 BPSK	100@0	4.55	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	1@0	3.7	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	100@0	5.84	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	4.94	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	4.46	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	5.79	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	5.02	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	100@0	4.45	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	1@0	3.65	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	100@0	5.79	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	5.08	13	PASS

B5_N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Low_CH



B5_N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Edge_1RB_Left_Low_CH



B5_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



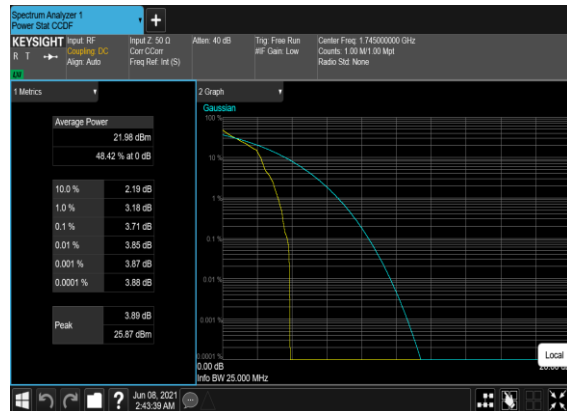
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OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



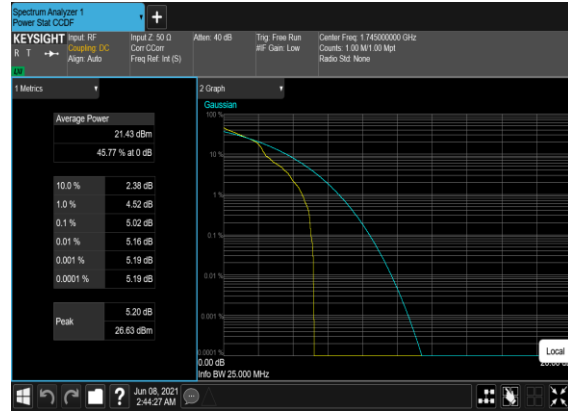
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BPSK_Edge_1RB_Left_Mid_CH



B5_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B5_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B5_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



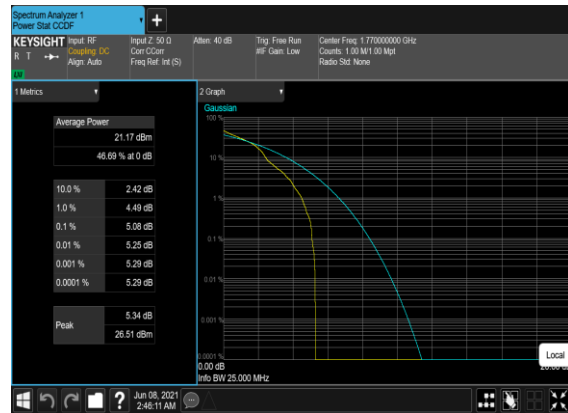
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B5_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



B5_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Occupied Bandwidth

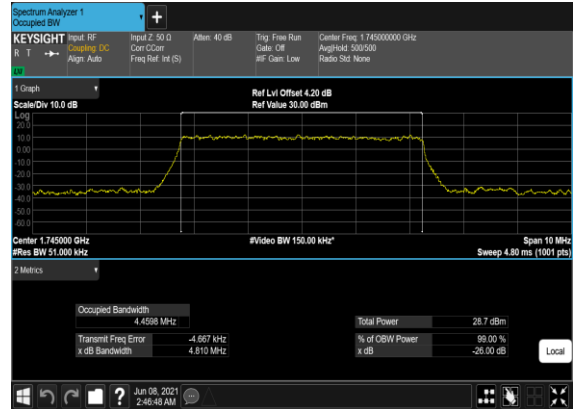
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
66	15	5	429000	1745.0	DFT-s-OFDM PI/2 BPSK	25@0	4.4641	4.815
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	25@0	4.4598	4.81
66	15	5	429000	1745.0	CP-OFDM QPSK	25@0	4.465	4.844
66	15	5	429000	1745.0	CP-OFDM 16 QAM	25@0	4.4675	4.847
66	15	5	429000	1745.0	CP-OFDM 64 QAM	25@0	4.4691	4.832
66	15	5	429000	1745.0	CP-OFDM 256 QAM	25@0	4.462	4.807
66	15	10	429000	1745.0	DFT-s-OFDM PI/2 BPSK	50@0	8.9043	9.477
66	15	10	429000	1745.0	DFT-s-OFDM QPSK	50@0	8.9004	9.395
66	15	10	429000	1745.0	CP-OFDM QPSK	52@0	9.2805	9.888
66	15	10	429000	1745.0	CP-OFDM 16 QAM	52@0	9.28	9.826
66	15	10	429000	1745.0	CP-OFDM 64 QAM	52@0	9.272	9.873
66	15	10	429000	1745.0	CP-OFDM 256 QAM	52@0	9.2922	9.897
66	15	15	429000	1745.0	DFT-s-OFDM PI/2 BPSK	75@0	13.412	14.09
66	15	15	429000	1745.0	DFT-s-OFDM QPSK	75@0	13.38	14.08
66	15	15	429000	1745.0	CP-OFDM QPSK	79@0	14.063	14.78
66	15	15	429000	1745.0	CP-OFDM 16 QAM	79@0	14.089	14.77
66	15	15	429000	1745.0	CP-OFDM 64 QAM	79@0	14.061	14.79
66	15	15	429000	1745.0	CP-OFDM 256 QAM	79@0	14.077	14.8
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	17.848	18.94
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	17.861	19.03
66	15	20	429000	1745.0	CP-OFDM QPSK	106@0	18.891	19.78
66	15	20	429000	1745.0	CP-OFDM 16 QAM	106@0	18.885	19.82
66	15	20	429000	1745.0	CP-OFDM 64 QAM	106@0	18.893	19.95
66	15	20	429000	1745.0	CP-OFDM 256 QAM	106@0	18.917	19.93

66	15	40	429000	1745.0	DFT-s- OFDM PI/2 BPSK	216@0	38.459	40.1
66	15	40	429000	1745.0	DFT-s- OFDM QPSK	216@0	38.467	39.88
66	15	40	429000	1745.0	CP-OFDM QPSK	216@0	38.423	39.8
66	15	40	429000	1745.0	CP-OFDM 16 QAM	216@0	38.446	39.95
66	15	40	429000	1745.0	CP-OFDM 64 QAM	216@0	38.552	39.97
66	15	40	429000	1745.0	CP-OFDM 256 QAM	216@0	38.391	39.89

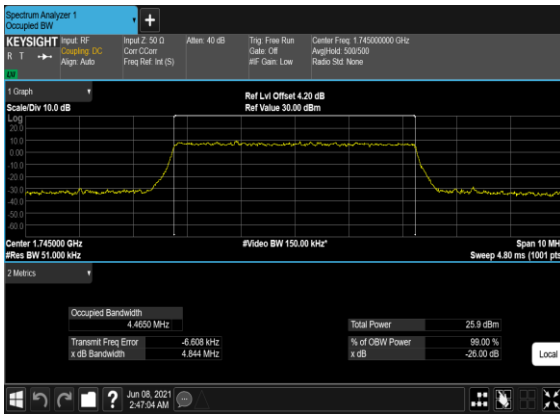
B5_N66(5M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



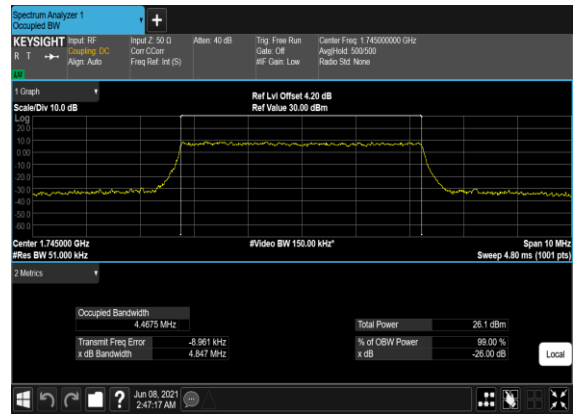
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OFDM_QPSK_Outer_Full_Mid_CH



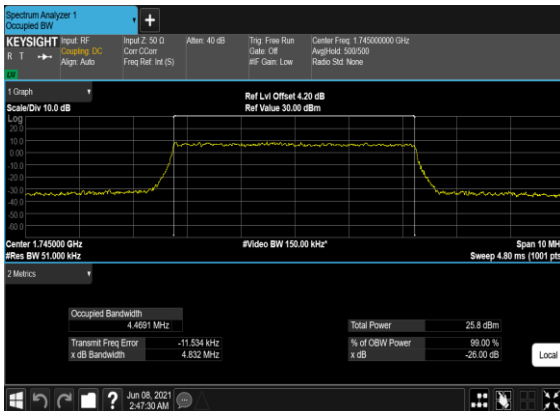
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OFDM_QPSK_Outer_Full_Mid_CH



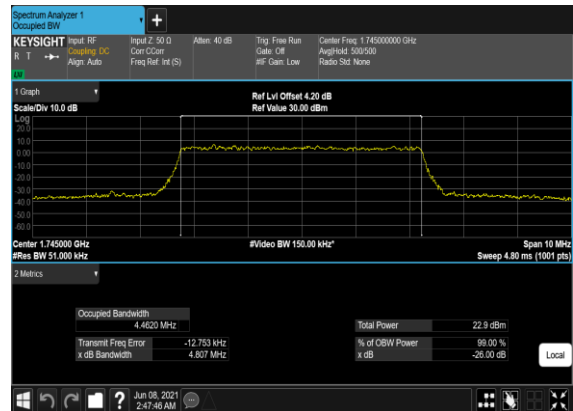
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QAM_Outer_Full_Mid_CH



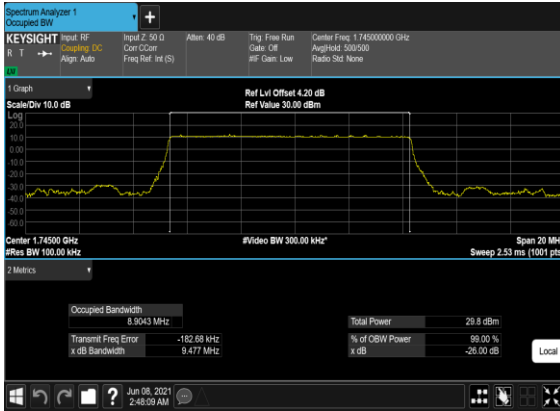
B5_N66(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



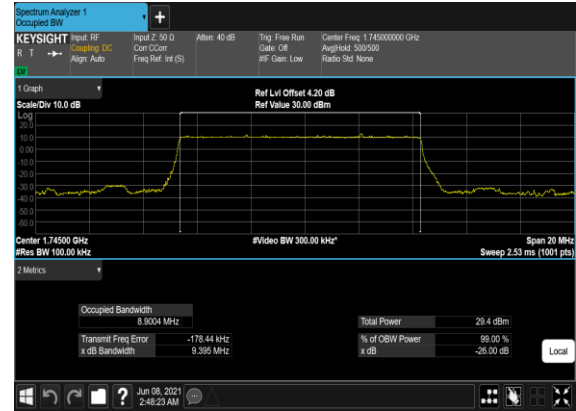
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QAM_Outer_Full_Mid_CH



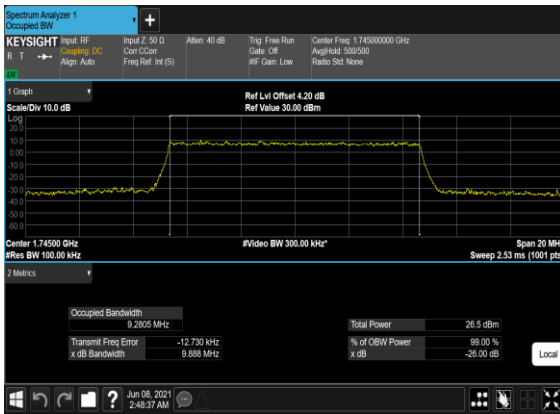
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BPSK_Outer_Full_Mid_CH



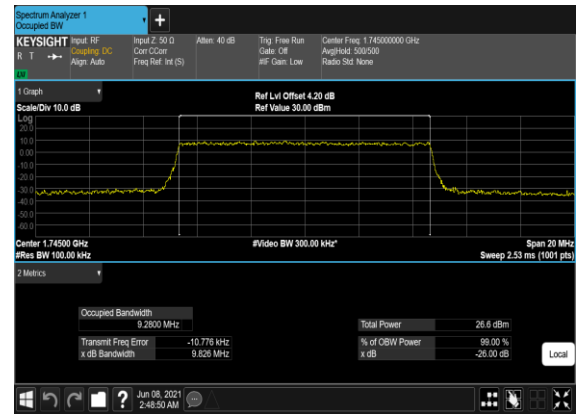
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OFDM_QPSK_Outer_Full_Mid_CH



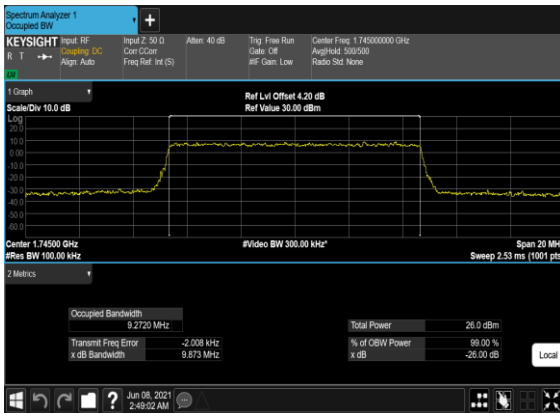
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OFDM_QPSK_Outer_Full_Mid_CH



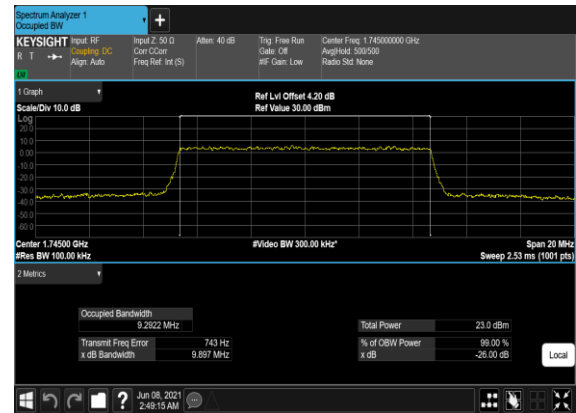
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QAM_Outer_Full_Mid_CH



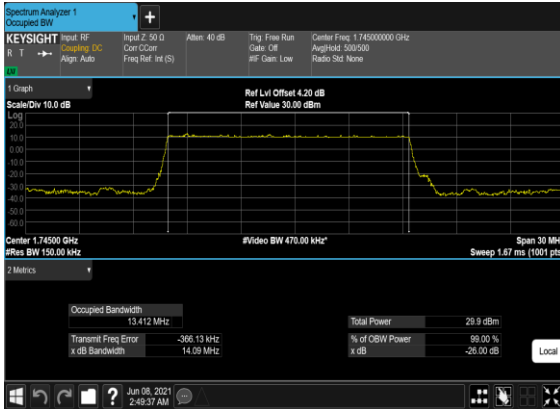
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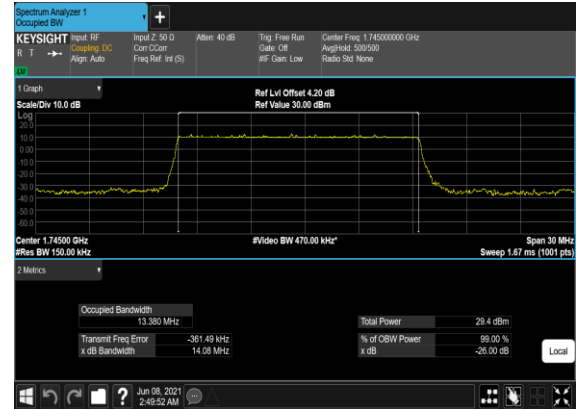
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QAM_Outer_Full_Mid_CH



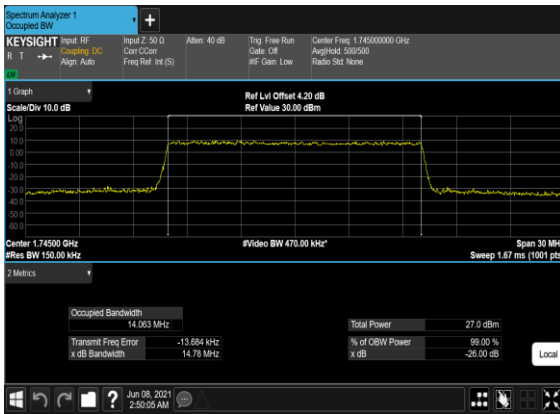
B5_N66(15M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



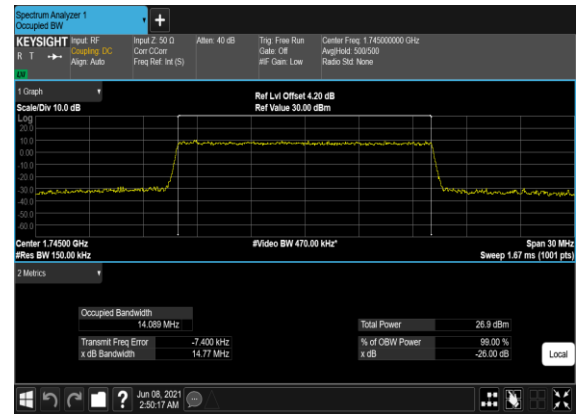
B5_N66(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



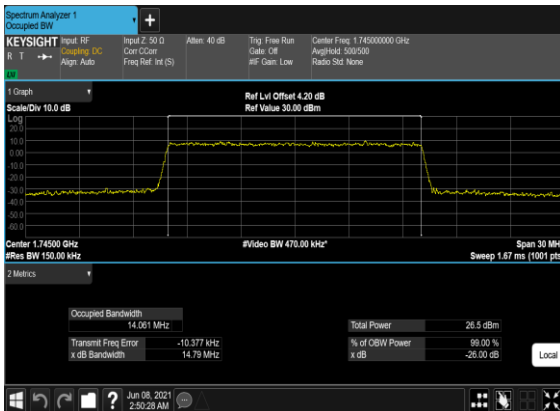
B5_N66(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



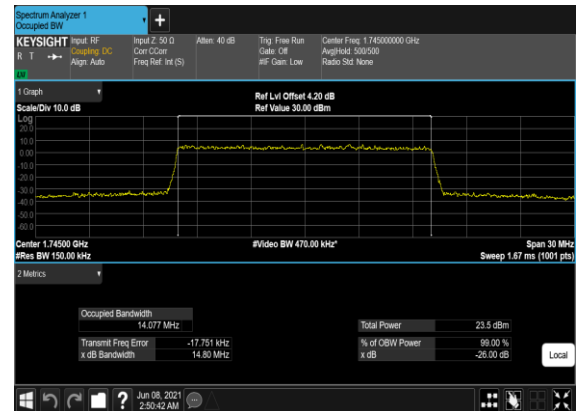
B5_N66(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



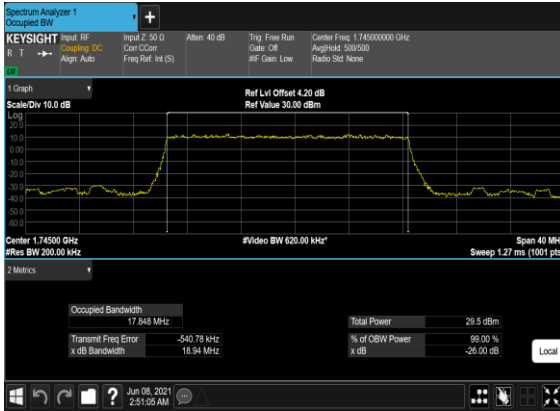
B5_N66(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



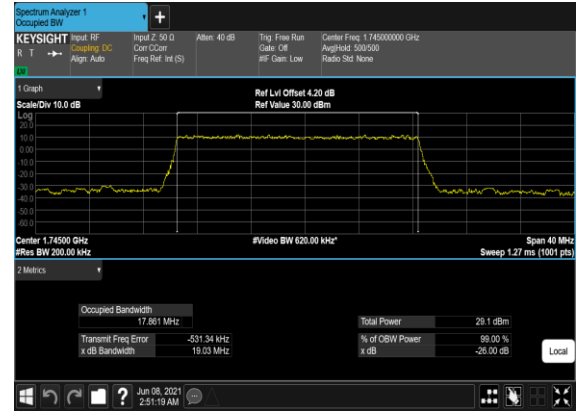
B5_N66(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



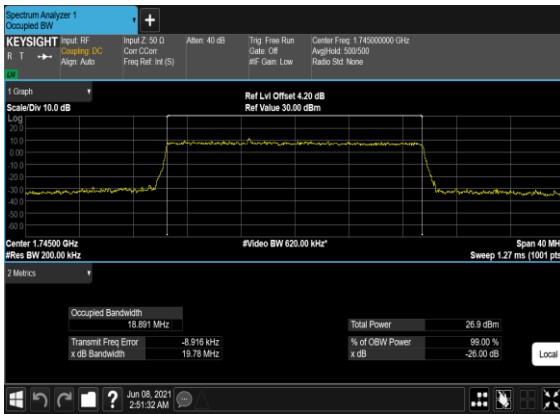
B5_N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



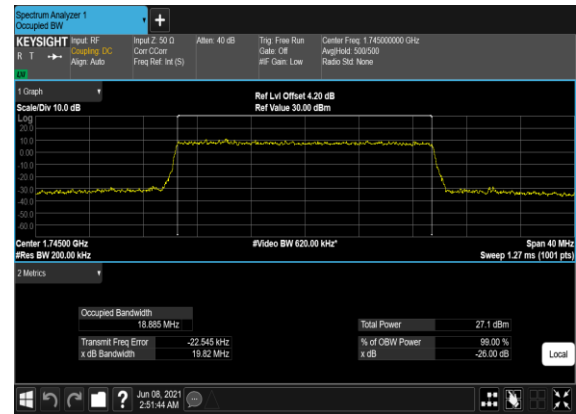
B5_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



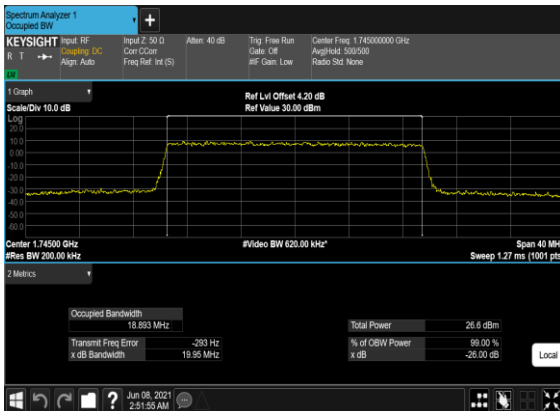
B5_N66(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



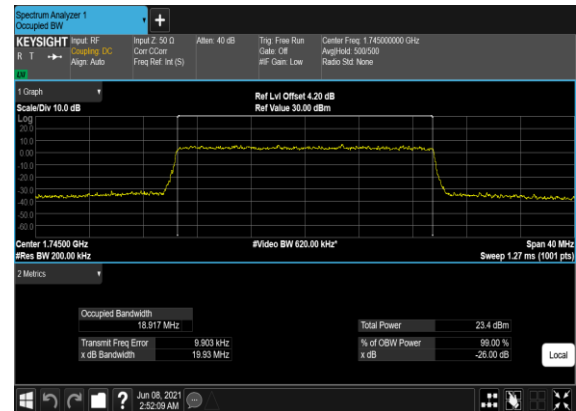
B5_N66(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



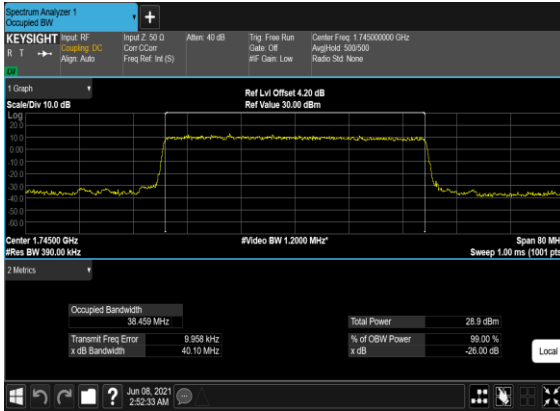
B5_N66(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



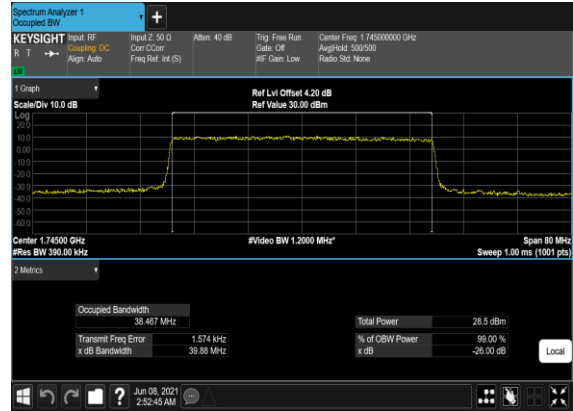
B5_N66(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



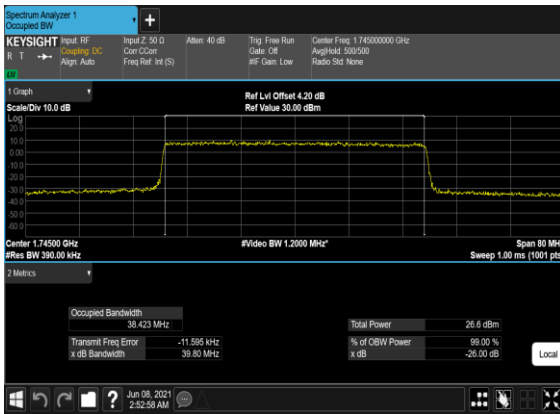
B5_N66(40M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



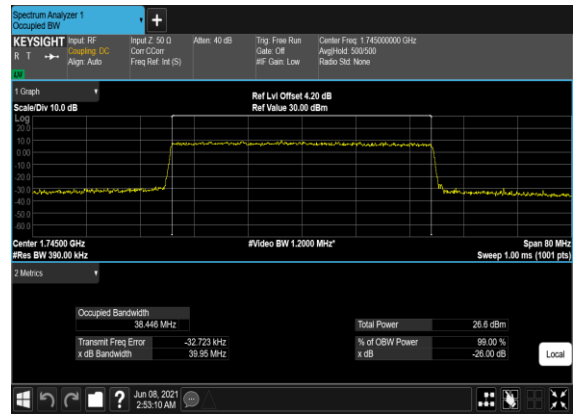
B5_N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



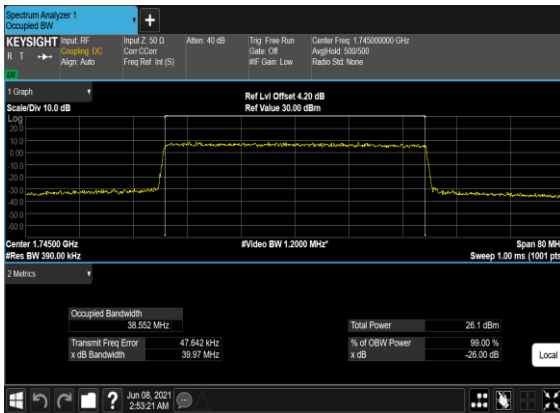
B5_N66(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



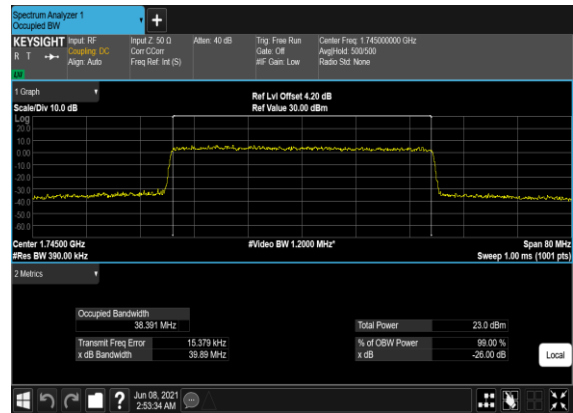
B5_N66(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B5_N66(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B5_N66(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

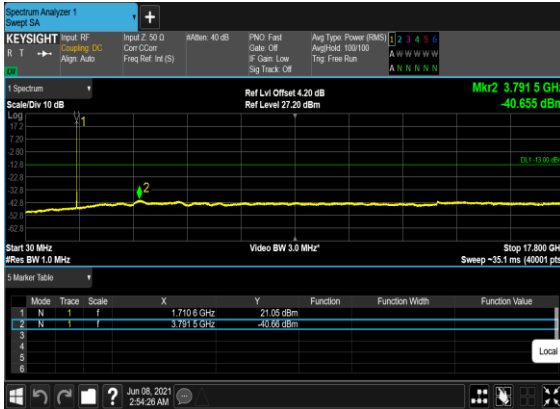


Conducted Spurious Emissions

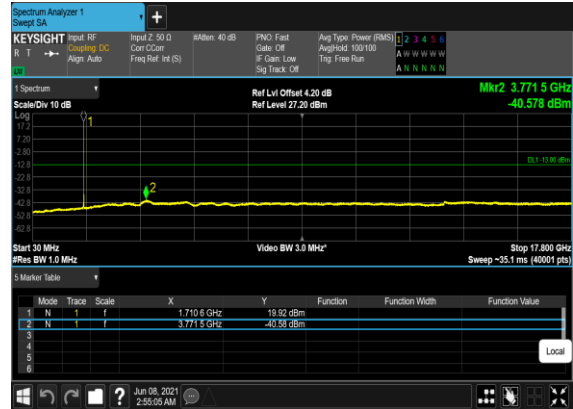
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	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

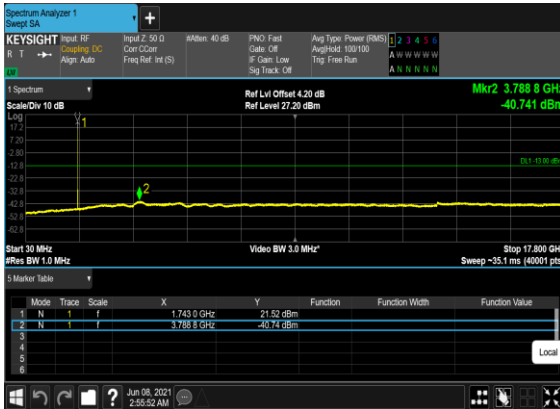
B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



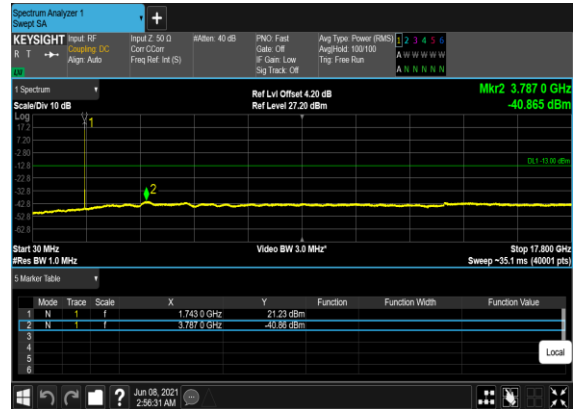
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



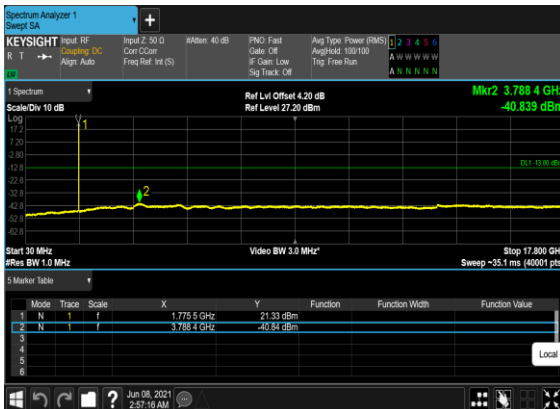
B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



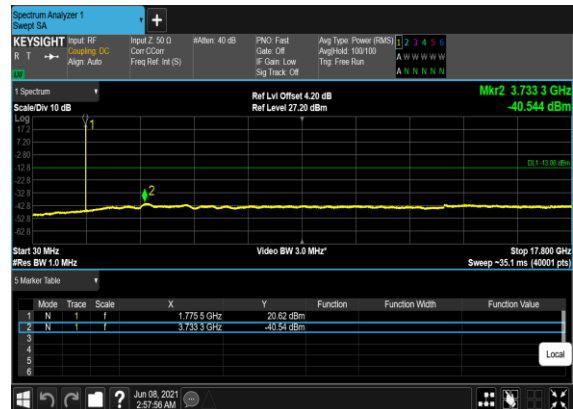
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



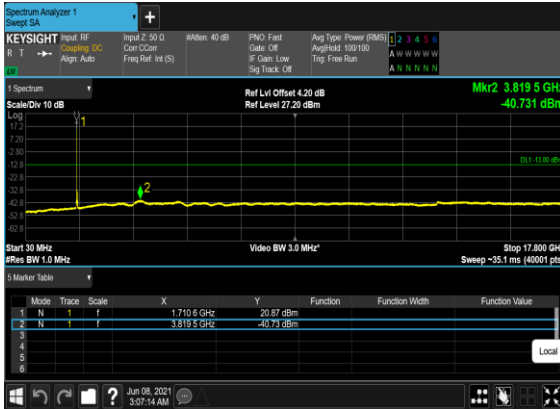
B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



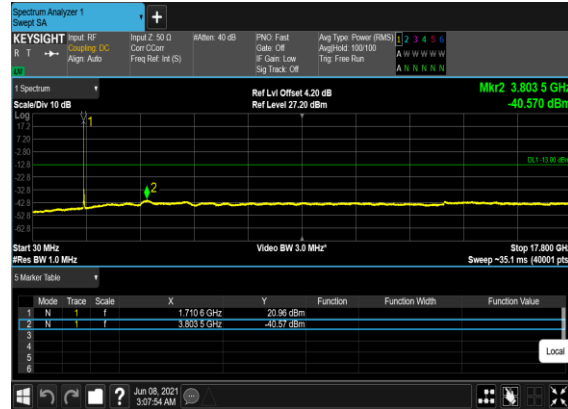
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



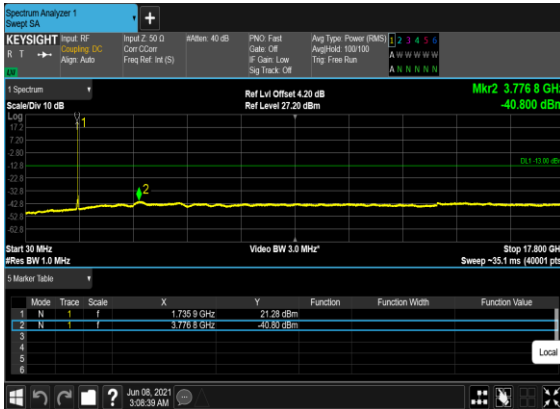
B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



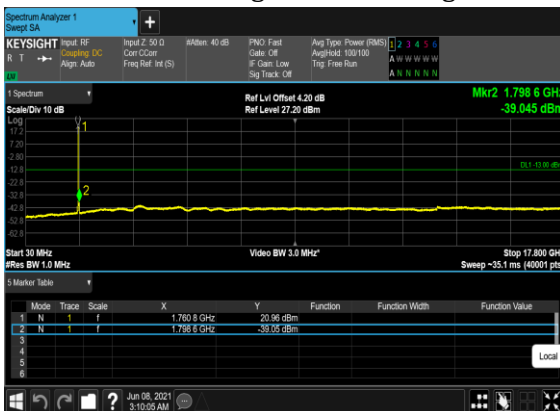
B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



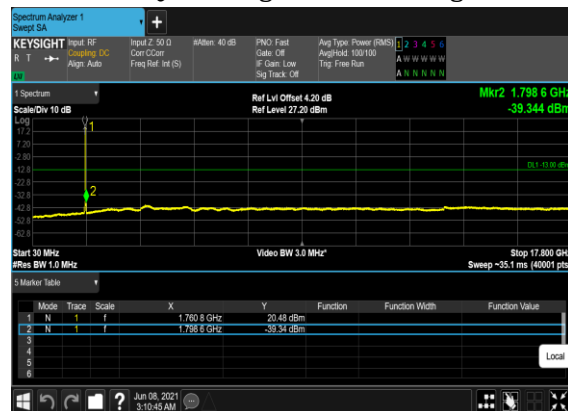
B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



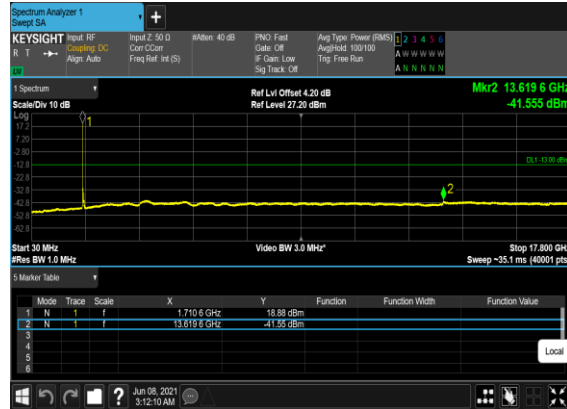
B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



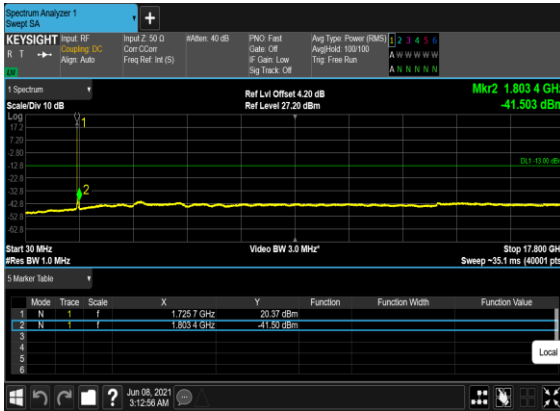
B5_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B5_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



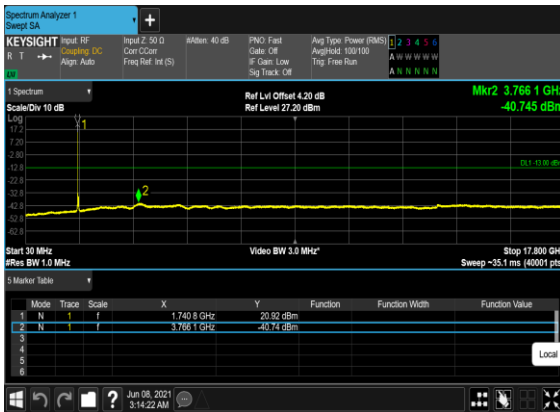
B5_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



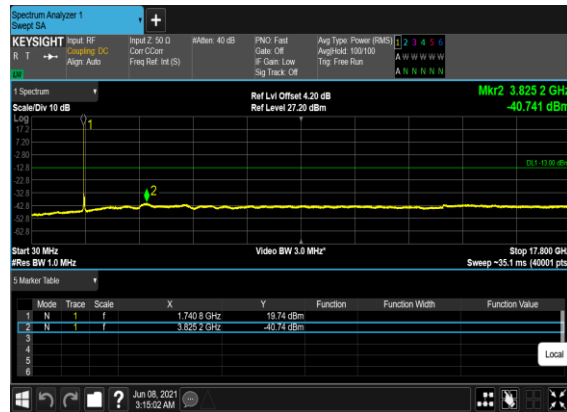
B5_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B5_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B5_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

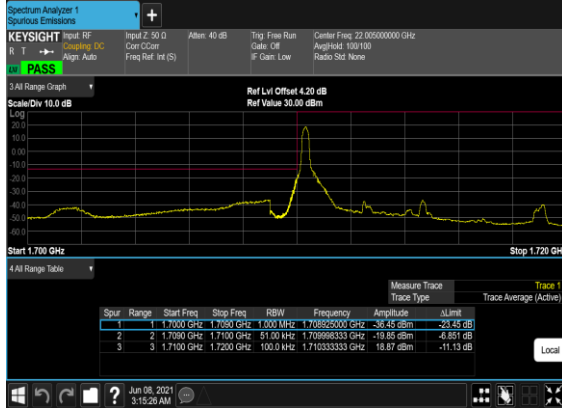


Conducted Band Edge

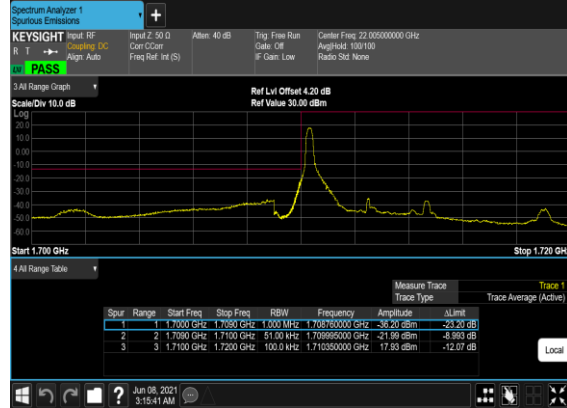
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	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

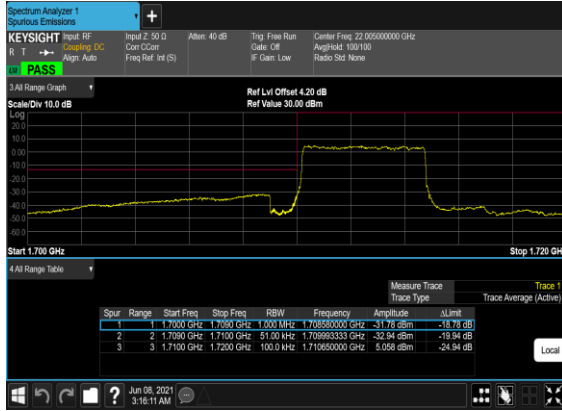
B5_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



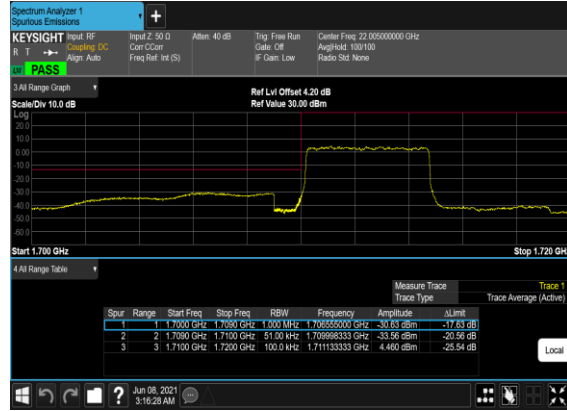
B5_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



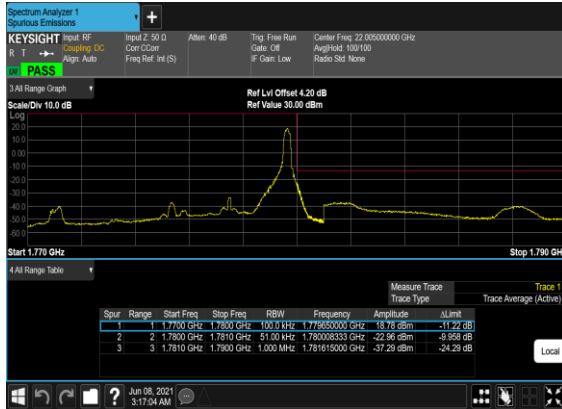
B5_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



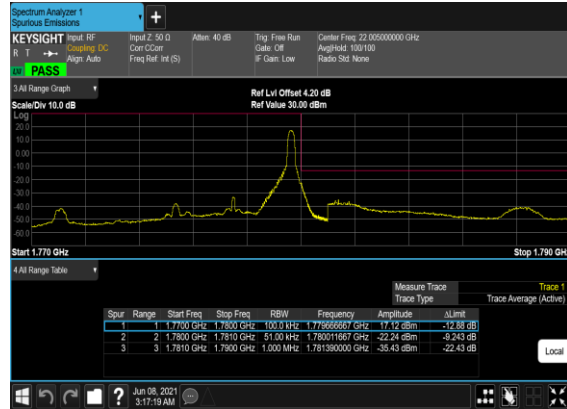
B5_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



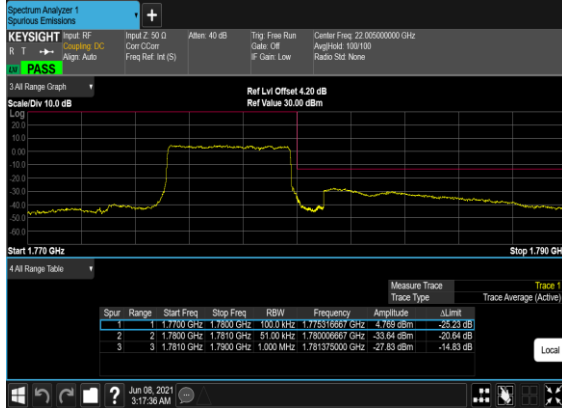
B5_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



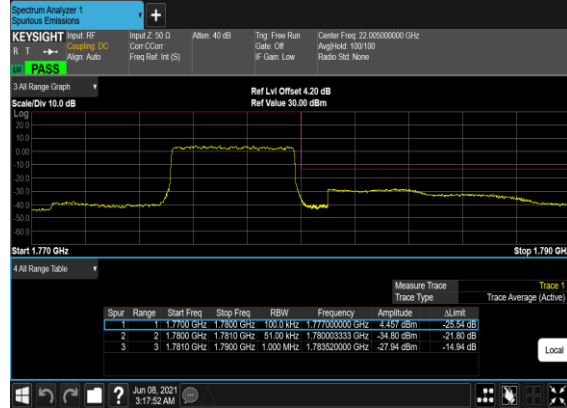
B5_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



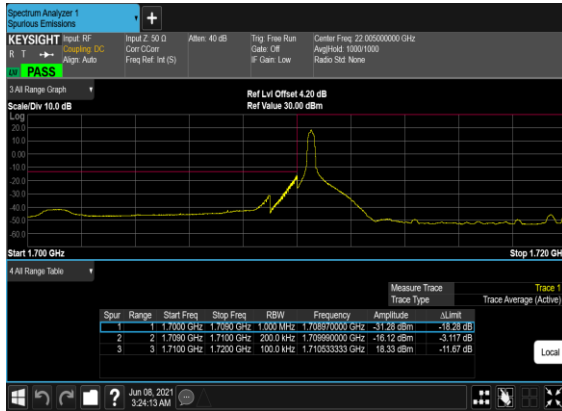
B5_N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



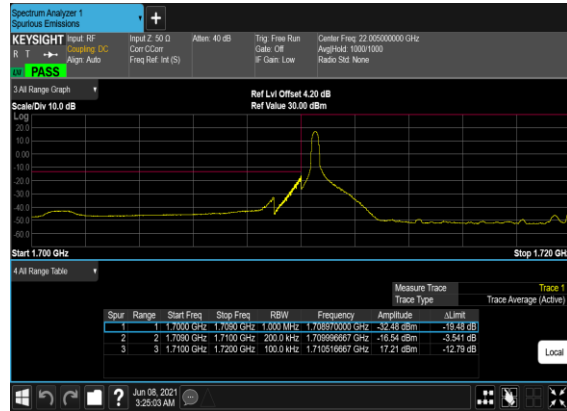
B5_N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



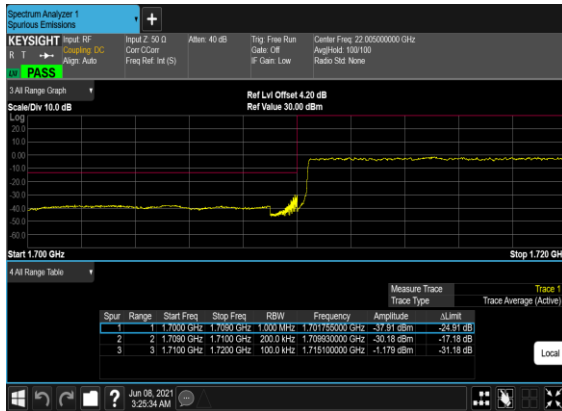
B5_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



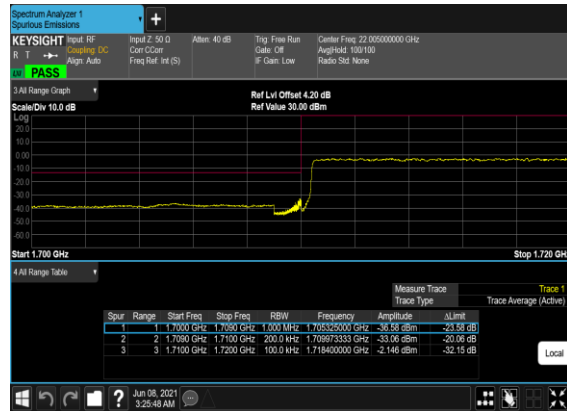
B5_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



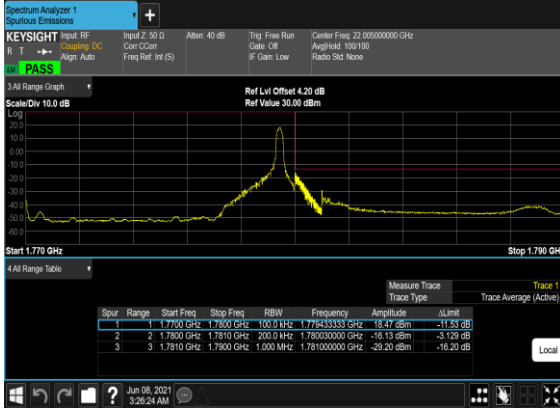
B5_N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



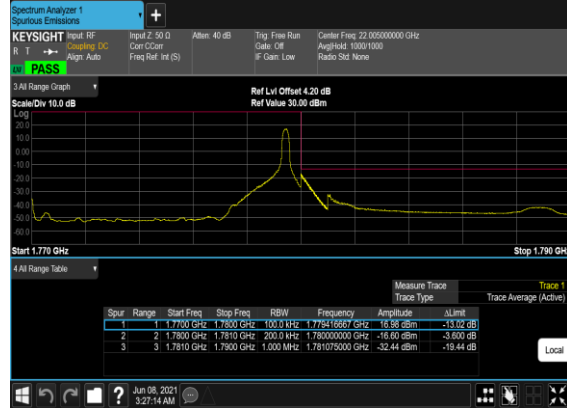
B5_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



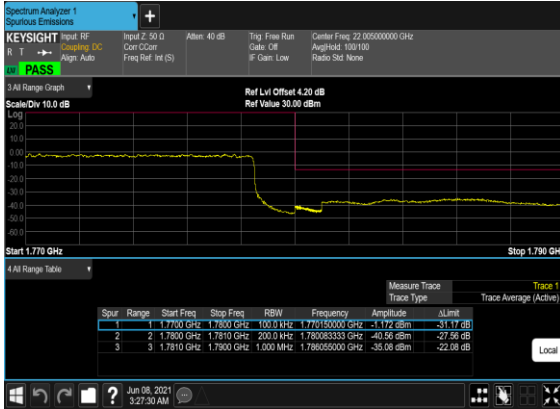
B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



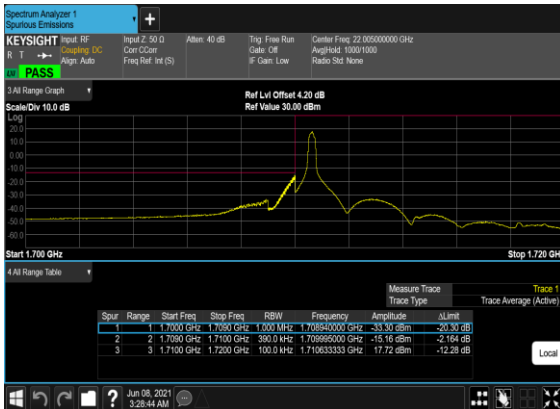
B5_N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



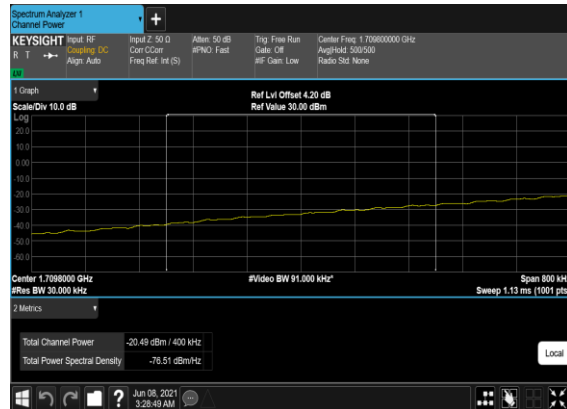
B5_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



B5_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



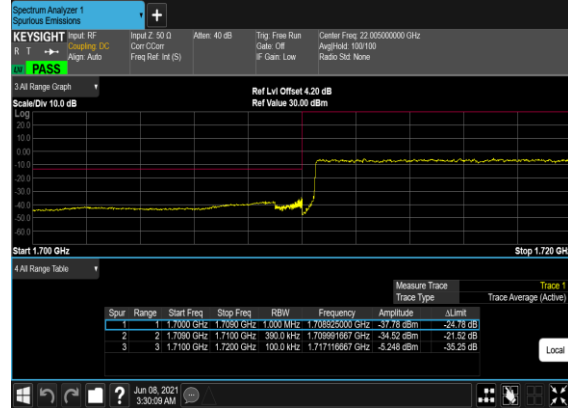
B5_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



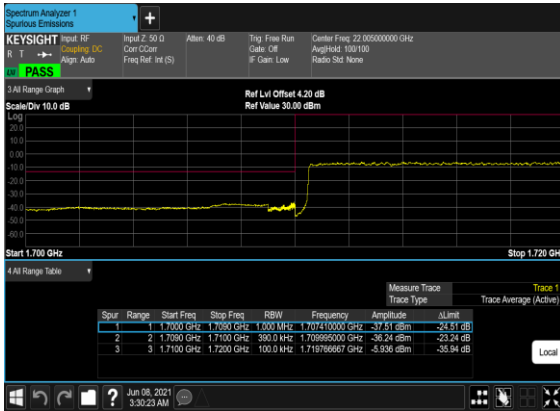
B5_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



B5_N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B5_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



B5_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B5_N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 N77

LTE Band: 41, LTE BW: 20M, LTE ARFCN: Mid

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

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	15	10	647000	3705.0	DFT-s-OFDM PI/2 BPSK	25@12	25.96	23.76	0.2377
77	15	10	647000	3705.0	DFT-s-OFDM PI/2 BPSK	1@1	25.99	23.79	0.2393
77	15	10	647000	3705.0	DFT-s-OFDM PI/2 BPSK	1@50	24.92	22.72	0.1871
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	25@12	26.09	23.89	0.2449
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@1	24.25	22.05	0.1603
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@50	26.16	23.96	0.2489
77	15	10	647000	3705.0	DFT-s-OFDM 16 QAM	25@12	25.32	23.12	0.2051
77	15	10	647000	3705.0	DFT-s-OFDM 16 QAM	1@1	24.97	22.77	0.1892
77	15	10	647000	3705.0	DFT-s-OFDM 16 QAM	1@50	24.08	21.88	0.1542
77	15	10	647000	3705.0	DFT-s-OFDM 64 QAM	25@12	23.34	21.14	0.1300
77	15	10	647000	3705.0	DFT-s-OFDM 64 QAM	1@1	23.28	21.08	0.1282
77	15	10	647000	3705.0	DFT-s-OFDM 64 QAM	1@50	23.85	21.65	0.1462
77	15	10	647000	3705.0	DFT-s-OFDM 256 QAM	25@12	21.32	19.12	0.0817
77	15	10	647000	3705.0	DFT-s-OFDM 256 QAM	1@1	21.12	18.92	0.0780
77	15	10	647000	3705.0	DFT-s-OFDM 256 QAM	1@50	21.87	19.67	0.0927
77	15	10	647000	3705.0	CP-OFDM QPSK	26@13	23.74	21.54	0.1426
77	15	10	647000	3705.0	CP-OFDM QPSK	1@1	24.88	22.68	0.1854
77	15	10	647000	3705.0	CP-OFDM QPSK	1@50	24.42	22.22	0.1667
77	15	10	656000	3840.0	DFT-s-OFDM PI/2 BPSK	25@12	25.65	23.45	0.2213

77	15	10	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@1	24.17	21.97	0.1574
77	15	10	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@50	26.43	24.23	0.2649
77	15	10	656000	3840.0	DFT-s-OFDM QPSK	25@12	26.02	23.82	0.2410
77	15	10	656000	3840.0	DFT-s-OFDM QPSK	1@1	26.44	24.24	0.2655
77	15	10	656000	3840.0	DFT-s-OFDM QPSK	1@50	26.5	24.3	0.2692
77	15	10	656000	3840.0	DFT-s-OFDM 16 QAM	25@12	24.33	22.13	0.1633
77	15	10	656000	3840.0	DFT-s-OFDM 16 QAM	1@1	25.4	23.2	0.2089
77	15	10	656000	3840.0	DFT-s-OFDM 16 QAM	1@50	25.66	23.46	0.2218
77	15	10	656000	3840.0	DFT-s-OFDM 64 QAM	25@12	24.26	22.06	0.1607
77	15	10	656000	3840.0	DFT-s-OFDM 64 QAM	1@1	23.55	21.35	0.1365
77	15	10	656000	3840.0	DFT-s-OFDM 64 QAM	1@50	23.7	21.5	0.1413
77	15	10	656000	3840.0	DFT-s-OFDM 256 QAM	25@12	21.81	19.61	0.0914
77	15	10	656000	3840.0	DFT-s-OFDM 256 QAM	1@1	22.31	20.11	0.1026
77	15	10	656000	3840.0	DFT-s-OFDM 256 QAM	1@50	21.84	19.64	0.0920
77	15	10	656000	3840.0	CP-OFDM QPSK	26@13	24.35	22.15	0.1641
77	15	10	656000	3840.0	CP-OFDM QPSK	1@1	25.24	23.04	0.2014
77	15	10	656000	3840.0	CP-OFDM QPSK	1@50	24.72	22.52	0.1786
77	15	10	665000	3975.0	DFT-s-OFDM PI/2 BPSK	25@12	25.67	23.47	0.2223
77	15	10	665000	3975.0	DFT-s-OFDM PI/2 BPSK	1@1	26.58	24.38	0.2742
77	15	10	665000	3975.0	DFT-s-OFDM PI/2 BPSK	1@50	25.62	23.42	0.2198
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	25@12	26.14	23.94	0.2477
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	1@1	26.57	24.37	0.2735
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	1@50	25.69	23.49	0.2234
77	15	10	665000	3975.0	DFT-s-OFDM 16 QAM	25@12	25.83	23.63	0.2307

77	15	10	665000	3975.0	DFT-s-OFDM 16 QAM	1@1	25.48	23.28	0.2128
77	15	10	665000	3975.0	DFT-s-OFDM 16 QAM	1@50	24.77	22.57	0.1807
77	15	10	665000	3975.0	DFT-s-OFDM 64 QAM	25@12	23.37	21.17	0.1309
77	15	10	665000	3975.0	DFT-s-OFDM 64 QAM	1@1	22.81	20.61	0.1151
77	15	10	665000	3975.0	DFT-s-OFDM 64 QAM	1@50	24.34	22.14	0.1637
77	15	10	665000	3975.0	DFT-s-OFDM 256 QAM	25@12	21.89	19.69	0.0931
77	15	10	665000	3975.0	DFT-s-OFDM 256 QAM	1@1	22.03	19.83	0.0962
77	15	10	665000	3975.0	DFT-s-OFDM 256 QAM	1@50	22.09	19.89	0.0975
77	15	10	665000	3975.0	CP-OFDM QPSK	26@13	25.28	23.08	0.2032
77	15	10	665000	3975.0	CP-OFDM QPSK	1@1	24.37	22.17	0.1648
77	15	10	665000	3975.0	CP-OFDM QPSK	1@50	24.4	22.2	0.1660
77	15	15	647167	3707.51	DFT-s-OFDM PI/2 BPSK	36@18	26.15	23.95	0.2483
77	15	15	647167	3707.51	DFT-s-OFDM PI/2 BPSK	1@1	26.05	23.85	0.2427
77	15	15	647167	3707.51	DFT-s-OFDM PI/2 BPSK	1@77	26.14	23.94	0.2477
77	15	15	647167	3707.51	DFT-s-OFDM QPSK	36@18	26.2	24	0.2512
77	15	15	647167	3707.51	DFT-s-OFDM QPSK	1@1	26.16	23.96	0.2489
77	15	15	647167	3707.51	DFT-s-OFDM QPSK	1@77	26.29	24.09	0.2564
77	15	15	647167	3707.51	DFT-s-OFDM 16 QAM	36@18	25.56	23.36	0.2168
77	15	15	647167	3707.51	DFT-s-OFDM 16 QAM	1@1	25.56	23.36	0.2168
77	15	15	647167	3707.51	DFT-s-OFDM 16 QAM	1@77	25.7	23.5	0.2239
77	15	15	647167	3707.51	DFT-s-OFDM 64 QAM	36@18	24.02	21.82	0.1521
77	15	15	647167	3707.51	DFT-s-OFDM 64 QAM	1@1	23.68	21.48	0.1406
77	15	15	647167	3707.51	DFT-s-OFDM 64 QAM	1@77	23.98	21.78	0.1507
77	15	15	647167	3707.51	DFT-s-OFDM 256 QAM	36@18	21.97	19.77	0.0948

77	15	15	647167	3707.51	DFT-s-OFDM 256 QAM	1@1	21.53	19.33	0.0857
77	15	15	647167	3707.51	DFT-s-OFDM 256 QAM	1@77	21.72	19.52	0.0895
77	15	15	647167	3707.51	CP-OFDM QPSK	39@191	23.39	21.19	0.1315
77	15	15	647167	3707.51	CP-OFDM QPSK	1@1	24.96	22.76	0.1888
77	15	15	647167	3707.51	CP-OFDM QPSK	1@77	24.56	22.36	0.1722
77	15	15	656000	3840.0	DFT-s-OFDM PI/2 BPSK	36@18	26.61	24.41	0.2761
77	15	15	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@1	26.44	24.24	0.2655
77	15	15	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@77	26.5	24.3	0.2692
77	15	15	656000	3840.0	DFT-s-OFDM QPSK	36@18	26.6	24.4	0.2754
77	15	15	656000	3840.0	DFT-s-OFDM QPSK	1@1	26.57	24.37	0.2735
77	15	15	656000	3840.0	DFT-s-OFDM QPSK	1@77	26.59	24.39	0.2748
77	15	15	656000	3840.0	DFT-s-OFDM 16 QAM	36@18	25.95	23.75	0.2371
77	15	15	656000	3840.0	DFT-s-OFDM 16 QAM	1@1	25.98	23.78	0.2388
77	15	15	656000	3840.0	DFT-s-OFDM 16 QAM	1@77	26	23.8	0.2399
77	15	15	656000	3840.0	DFT-s-OFDM 64 QAM	36@18	24.41	22.21	0.1663
77	15	15	656000	3840.0	DFT-s-OFDM 64 QAM	1@1	24.3	22.1	0.1622
77	15	15	656000	3840.0	DFT-s-OFDM 64 QAM	1@77	24.31	22.11	0.1626
77	15	15	656000	3840.0	DFT-s-OFDM 256 QAM	36@18	22.33	20.13	0.1030
77	15	15	656000	3840.0	DFT-s-OFDM 256 QAM	1@1	21.94	19.74	0.0942
77	15	15	656000	3840.0	DFT-s-OFDM 256 QAM	1@77	22.22	20.02	0.1005
77	15	15	656000	3840.0	CP-OFDM QPSK	39@191	23.83	21.63	0.1455
77	15	15	656000	3840.0	CP-OFDM QPSK	1@1	25.39	23.19	0.2084
77	15	15	656000	3840.0	CP-OFDM QPSK	1@77	25.45	23.25	0.2113
77	15	15	664833	3972.49	DFT-s-OFDM PI/2 BPSK	36@18	26.71	24.51	0.2825

77	15	15	664833	3972.49	DFT-s-OFDM PI/2 BPSK	1@1	26.57	24.37	0.2735
77	15	15	664833	3972.49	DFT-s-OFDM PI/2 BPSK	1@77	26.62	24.42	0.2767
77	15	15	664833	3972.49	DFT-s-OFDM QPSK	36@18	26.75	24.55	0.2851
77	15	15	664833	3972.49	DFT-s-OFDM QPSK	1@1	26.57	24.37	0.2735
77	15	15	664833	3972.49	DFT-s-OFDM QPSK	1@77	26.73	24.53	0.2838
77	15	15	664833	3972.49	DFT-s-OFDM 16 QAM	36@18	25.96	23.76	0.2377
77	15	15	664833	3972.49	DFT-s-OFDM 16 QAM	1@1	25.93	23.73	0.2360
77	15	15	664833	3972.49	DFT-s-OFDM 16 QAM	1@77	26.05	23.85	0.2427
77	15	15	664833	3972.49	DFT-s-OFDM 64 QAM	36@18	24.49	22.29	0.1694
77	15	15	664833	3972.49	DFT-s-OFDM 64 QAM	1@1	24.28	22.08	0.1614
77	15	15	664833	3972.49	DFT-s-OFDM 64 QAM	1@77	24.32	22.12	0.1629
77	15	15	664833	3972.49	DFT-s-OFDM 256 QAM	36@18	22.42	20.22	0.1052
77	15	15	664833	3972.49	DFT-s-OFDM 256 QAM	1@1	21.88	19.68	0.0929
77	15	15	664833	3972.49	DFT-s-OFDM 256 QAM	1@77	22.07	19.87	0.0971
77	15	15	664833	3972.49	CP-OFDM QPSK	39@191	23.83	21.63	0.1455
77	15	15	664833	3972.49	CP-OFDM QPSK	1@1	25.39	23.19	0.2084
77	15	15	664833	3972.49	CP-OFDM QPSK	1@77	25.53	23.33	0.2153
77	15	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	50@25	26.26	24.06	0.2547
77	15	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	1@1	26.02	23.82	0.2410
77	15	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	1@104	26.16	23.96	0.2489
77	15	20	647333	3709.99	DFT-s-OFDM QPSK	50@25	26.26	24.06	0.2547
77	15	20	647333	3709.99	DFT-s-OFDM QPSK	1@1	26.11	23.91	0.2460
77	15	20	647333	3709.99	DFT-s-OFDM QPSK	1@104	26.29	24.09	0.2564
77	15	20	647333	3709.99	DFT-s-OFDM 16 QAM	50@25	25.63	23.43	0.2203

77	15	20	647333	3709.99	DFT-s-OFDM 16 QAM	1@1	25.52	23.32	0.2148
77	15	20	647333	3709.99	DFT-s-OFDM 16 QAM	1@104	25.64	23.44	0.2208
77	15	20	647333	3709.99	DFT-s-OFDM 64 QAM	50@25	24.02	21.82	0.1521
77	15	20	647333	3709.99	DFT-s-OFDM 64 QAM	1@1	23.75	21.55	0.1429
77	15	20	647333	3709.99	DFT-s-OFDM 64 QAM	1@104	24.02	21.82	0.1521
77	15	20	647333	3709.99	DFT-s-OFDM 256 QAM	50@25	22.03	19.83	0.0962
77	15	20	647333	3709.99	DFT-s-OFDM 256 QAM	1@1	21.56	19.36	0.0863
77	15	20	647333	3709.99	DFT-s-OFDM 256 QAM	1@104	21.6	19.4	0.0871
77	15	20	647333	3709.99	CP-OFDM QPSK	53@26	25.01	22.81	0.1910
77	15	20	647333	3709.99	CP-OFDM QPSK	1@1	24.97	22.77	0.1892
77	15	20	647333	3709.99	CP-OFDM QPSK	1@104	25.06	22.86	0.1932
77	15	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	50@25	26.68	24.48	0.2805
77	15	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@1	26.49	24.29	0.2685
77	15	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@104	26.51	24.31	0.2698
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	50@25	26.69	24.49	0.2812
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	1@1	26.52	24.32	0.2704
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	1@104	26.52	24.32	0.2704
77	15	20	656000	3840.0	DFT-s-OFDM 16 QAM	50@25	26.03	23.83	0.2415
77	15	20	656000	3840.0	DFT-s-OFDM 16 QAM	1@1	25.97	23.77	0.2382
77	15	20	656000	3840.0	DFT-s-OFDM 16 QAM	1@104	26.02	23.82	0.2410
77	15	20	656000	3840.0	DFT-s-OFDM 64 QAM	50@25	24.46	22.26	0.1683
77	15	20	656000	3840.0	DFT-s-OFDM 64 QAM	1@1	24.3	22.1	0.1622
77	15	20	656000	3840.0	DFT-s-OFDM 64 QAM	1@104	24.33	22.13	0.1633
77	15	20	656000	3840.0	DFT-s-OFDM 256 QAM	50@25	22.48	20.28	0.1067

77	15	20	656000	3840.0	DFT-s-OFDM 256 QAM	1@1	21.99	19.79	0.0953
77	15	20	656000	3840.0	DFT-s-OFDM 256 QAM	1@104	22.03	19.83	0.0962
77	15	20	656000	3840.0	CP-OFDM QPSK	53@26	25.35	23.15	0.2065
77	15	20	656000	3840.0	CP-OFDM QPSK	1@1	25.34	23.14	0.2061
77	15	20	656000	3840.0	CP-OFDM QPSK	1@104	25.34	23.14	0.2061
77	15	20	664667	3970.01	DFT-s-OFDM PI/2 BPSK	50@25	26.73	24.53	0.2838
77	15	20	664667	3970.01	DFT-s-OFDM PI/2 BPSK	1@1	26.62	24.42	0.2767
77	15	20	664667	3970.01	DFT-s-OFDM PI/2 BPSK	1@104	26.64	24.44	0.2780
77	15	20	664667	3970.01	DFT-s-OFDM QPSK	50@25	26.73	24.53	0.2838
77	15	20	664667	3970.01	DFT-s-OFDM QPSK	1@1	26.64	24.44	0.2780
77	15	20	664667	3970.01	DFT-s-OFDM QPSK	1@104	26.62	24.42	0.2767
77	15	20	664667	3970.01	DFT-s-OFDM 16 QAM	50@25	25.99	23.79	0.2393
77	15	20	664667	3970.01	DFT-s-OFDM 16 QAM	1@1	25.98	23.78	0.2388
77	15	20	664667	3970.01	DFT-s-OFDM 16 QAM	1@104	25.99	23.79	0.2393
77	15	20	664667	3970.01	DFT-s-OFDM 64 QAM	50@25	24.53	22.33	0.1710
77	15	20	664667	3970.01	DFT-s-OFDM 64 QAM	1@1	24.37	22.17	0.1648
77	15	20	664667	3970.01	DFT-s-OFDM 64 QAM	1@104	24.43	22.23	0.1671
77	15	20	664667	3970.01	DFT-s-OFDM 256 QAM	50@25	22.47	20.27	0.1064
77	15	20	664667	3970.01	DFT-s-OFDM 256 QAM	1@1	22.05	19.85	0.0966
77	15	20	664667	3970.01	DFT-s-OFDM 256 QAM	1@104	22.38	20.18	0.1042
77	15	20	664667	3970.01	CP-OFDM QPSK	53@26	25.41	23.21	0.2094
77	15	20	664667	3970.01	CP-OFDM QPSK	1@1	25.34	23.14	0.2061
77	15	20	664667	3970.01	CP-OFDM QPSK	1@104	25.38	23.18	0.2080
77	15	40	648000	3720.0	DFT-s-OFDM PI/2 BPSK	108@54	26.25	24.05	0.2541

77	15	40	648000	3720.0	DFT-s-OFDM PI/2 BPSK	1@1	25.53	23.33	0.2153
77	15	40	648000	3720.0	DFT-s-OFDM PI/2 BPSK	1@214	25.74	23.54	0.2259
77	15	40	648000	3720.0	DFT-s-OFDM QPSK	108@54	26.3	24.1	0.2570
77	15	40	648000	3720.0	DFT-s-OFDM QPSK	1@1	25.55	23.35	0.2163
77	15	40	648000	3720.0	DFT-s-OFDM QPSK	1@214	25.83	23.63	0.2307
77	15	40	648000	3720.0	DFT-s-OFDM 16 QAM	108@54	25.51	23.31	0.2143
77	15	40	648000	3720.0	DFT-s-OFDM 16 QAM	1@1	25	22.8	0.1905
77	15	40	648000	3720.0	DFT-s-OFDM 16 QAM	1@214	25.13	22.93	0.1963
77	15	40	648000	3720.0	DFT-s-OFDM 64 QAM	108@54	23.94	21.74	0.1493
77	15	40	648000	3720.0	DFT-s-OFDM 64 QAM	1@1	23.32	21.12	0.1294
77	15	40	648000	3720.0	DFT-s-OFDM 64 QAM	1@214	23.48	21.28	0.1343
77	15	40	648000	3720.0	DFT-s-OFDM 256 QAM	108@54	21.89	19.69	0.0931
77	15	40	648000	3720.0	DFT-s-OFDM 256 QAM	1@1	21.03	18.83	0.0764
77	15	40	648000	3720.0	DFT-s-OFDM 256 QAM	1@214	21.12	18.92	0.0780
77	15	40	648000	3720.0	CP-OFDM QPSK	108@54	24.91	22.71	0.1866
77	15	40	648000	3720.0	CP-OFDM QPSK	1@1	24.47	22.27	0.1687
77	15	40	648000	3720.0	CP-OFDM QPSK	1@214	24.61	22.41	0.1742
77	15	40	656000	3840.0	DFT-s-OFDM PI/2 BPSK	108@54	26.57	24.37	0.2735
77	15	40	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@1	26.1	23.9	0.2455
77	15	40	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@214	26.09	23.89	0.2449
77	15	40	656000	3840.0	DFT-s-OFDM QPSK	108@54	26.62	24.42	0.2767
77	15	40	656000	3840.0	DFT-s-OFDM QPSK	1@1	26.15	23.95	0.2483
77	15	40	656000	3840.0	DFT-s-OFDM QPSK	1@214	26.14	23.94	0.2477
77	15	40	656000	3840.0	DFT-s-OFDM 16 QAM	108@54	25.85	23.65	0.2317

77	15	40	656000	3840.0	DFT-s-OFDM 16 QAM	1@1	25.46	23.26	0.2118
77	15	40	656000	3840.0	DFT-s-OFDM 16 QAM	1@214	25.46	23.26	0.2118
77	15	40	656000	3840.0	DFT-s-OFDM 64 QAM	108@54	24.31	22.11	0.1626
77	15	40	656000	3840.0	DFT-s-OFDM 64 QAM	1@1	23.85	21.65	0.1462
77	15	40	656000	3840.0	DFT-s-OFDM 64 QAM	1@214	23.81	21.61	0.1449
77	15	40	656000	3840.0	DFT-s-OFDM 256 QAM	108@54	22.22	20.02	0.1005
77	15	40	656000	3840.0	DFT-s-OFDM 256 QAM	1@1	21.71	19.51	0.0893
77	15	40	656000	3840.0	DFT-s-OFDM 256 QAM	1@214	21.46	19.26	0.0843
77	15	40	656000	3840.0	CP-OFDM QPSK	108@54	25.21	23.01	0.2000
77	15	40	656000	3840.0	CP-OFDM QPSK	1@1	24.9	22.7	0.1862
77	15	40	656000	3840.0	CP-OFDM QPSK	1@214	24.84	22.64	0.1837
77	15	40	664000	3960.0	DFT-s-OFDM PI/2 BPSK	108@54	26.55	24.35	0.2723
77	15	40	664000	3960.0	DFT-s-OFDM PI/2 BPSK	1@1	26.1	23.9	0.2455
77	15	40	664000	3960.0	DFT-s-OFDM PI/2 BPSK	1@214	26.09	23.89	0.2449
77	15	40	664000	3960.0	DFT-s-OFDM QPSK	108@54	26.57	24.37	0.2735
77	15	40	664000	3960.0	DFT-s-OFDM QPSK	1@1	26.04	23.84	0.2421
77	15	40	664000	3960.0	DFT-s-OFDM QPSK	1@214	26.1	23.9	0.2455
77	15	40	664000	3960.0	DFT-s-OFDM 16 QAM	108@54	25.74	23.54	0.2259
77	15	40	664000	3960.0	DFT-s-OFDM 16 QAM	1@1	25.42	23.22	0.2099
77	15	40	664000	3960.0	DFT-s-OFDM 16 QAM	1@214	25.49	23.29	0.2133
77	15	40	664000	3960.0	DFT-s-OFDM 64 QAM	108@54	24.29	22.09	0.1618
77	15	40	664000	3960.0	DFT-s-OFDM 64 QAM	1@1	23.72	21.52	0.1419
77	15	40	664000	3960.0	DFT-s-OFDM 64 QAM	1@214	23.88	21.68	0.1472
77	15	40	664000	3960.0	DFT-s-OFDM 256 QAM	108@54	22.22	20.02	0.1005

77	15	40	664000	3960.0	DFT-s-OFDM 256 QAM	1@1	21.33	19.13	0.0818
77	15	40	664000	3960.0	DFT-s-OFDM 256 QAM	1@214	21.59	19.39	0.0869
77	15	40	664000	3960.0	CP-OFDM QPSK	108@54	25.21	23.01	0.2000
77	15	40	664000	3960.0	CP-OFDM QPSK	1@1	24.89	22.69	0.1858
77	15	40	664000	3960.0	CP-OFDM QPSK	1@214	24.95	22.75	0.1884
77	15	50	648333	3724.99	DFT-s-OFDM PI/2 BPSK	135@67	26.26	24.06	0.2547
77	15	50	648333	3724.99	DFT-s-OFDM PI/2 BPSK	1@1	25.84	23.64	0.2312
77	15	50	648333	3724.99	DFT-s-OFDM PI/2 BPSK	1@268	26.11	23.91	0.2460
77	15	50	648333	3724.99	DFT-s-OFDM QPSK	135@67	26.36	24.16	0.2606
77	15	50	648333	3724.99	DFT-s-OFDM QPSK	1@1	25.92	23.72	0.2355
77	15	50	648333	3724.99	DFT-s-OFDM QPSK	1@268	26.15	23.95	0.2483
77	15	50	648333	3724.99	DFT-s-OFDM 16 QAM	135@67	25.58	23.38	0.2178
77	15	50	648333	3724.99	DFT-s-OFDM 16 QAM	1@1	25.33	23.13	0.2056
77	15	50	648333	3724.99	DFT-s-OFDM 16 QAM	1@268	25.5	23.3	0.2138
77	15	50	648333	3724.99	DFT-s-OFDM 64 QAM	135@67	24.05	21.85	0.1531
77	15	50	648333	3724.99	DFT-s-OFDM 64 QAM	1@1	23.73	21.53	0.1422
77	15	50	648333	3724.99	DFT-s-OFDM 64 QAM	1@268	23.78	21.58	0.1439
77	15	50	648333	3724.99	DFT-s-OFDM 256 QAM	135@67	21.94	19.74	0.0942
77	15	50	648333	3724.99	DFT-s-OFDM 256 QAM	1@1	21.31	19.11	0.0815
77	15	50	648333	3724.99	DFT-s-OFDM 256 QAM	1@268	21.71	19.51	0.0893
77	15	50	648333	3724.99	CP-OFDM QPSK	135@67	24.97	22.77	0.1892
77	15	50	648333	3724.99	CP-OFDM QPSK	1@1	24.77	22.57	0.1807
77	15	50	648333	3724.99	CP-OFDM QPSK	1@268	24.91	22.71	0.1866
77	15	50	656000	3840.0	DFT-s-OFDM PI/2 BPSK	135@67	26.6	24.4	0.2754

77	15	50	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@1	26.45	24.25	0.2661
77	15	50	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@268	26.51	24.31	0.2698
77	15	50	656000	3840.0	DFT-s-OFDM QPSK	135@67	26.65	24.45	0.2786
77	15	50	656000	3840.0	DFT-s-OFDM QPSK	1@1	26.49	24.29	0.2685
77	15	50	656000	3840.0	DFT-s-OFDM QPSK	1@268	26.54	24.34	0.2716
77	15	50	656000	3840.0	DFT-s-OFDM 16 QAM	135@67	25.93	23.73	0.2360
77	15	50	656000	3840.0	DFT-s-OFDM 16 QAM	1@1	25.53	23.33	0.2153
77	15	50	656000	3840.0	DFT-s-OFDM 16 QAM	1@268	25.81	23.61	0.2296
77	15	50	656000	3840.0	DFT-s-OFDM 64 QAM	135@67	24.28	22.08	0.1614
77	15	50	656000	3840.0	DFT-s-OFDM 64 QAM	1@1	24.2	22	0.1585
77	15	50	656000	3840.0	DFT-s-OFDM 64 QAM	1@268	24.2	22	0.1585
77	15	50	656000	3840.0	DFT-s-OFDM 256 QAM	135@67	22.25	20.05	0.1012
77	15	50	656000	3840.0	DFT-s-OFDM 256 QAM	1@1	21.86	19.66	0.0925
77	15	50	656000	3840.0	DFT-s-OFDM 256 QAM	1@268	21.81	19.61	0.0914
77	15	50	656000	3840.0	CP-OFDM QPSK	135@67	25.23	23.03	0.2009
77	15	50	656000	3840.0	CP-OFDM QPSK	1@1	25.24	23.04	0.2014
77	15	50	656000	3840.0	CP-OFDM QPSK	1@268	25.26	23.06	0.2023
77	15	50	663667	3955.01	DFT-s-OFDM PI/2 BPSK	135@67	26.65	24.45	0.2786
77	15	50	663667	3955.01	DFT-s-OFDM PI/2 BPSK	1@1	26.4	24.2	0.2630
77	15	50	663667	3955.01	DFT-s-OFDM PI/2 BPSK	1@268	26.51	24.31	0.2698
77	15	50	663667	3955.01	DFT-s-OFDM QPSK	135@67	26.75	24.55	0.2851
77	15	50	663667	3955.01	DFT-s-OFDM QPSK	1@1	26.5	24.3	0.2692
77	15	50	663667	3955.01	DFT-s-OFDM QPSK	1@268	26.49	24.29	0.2685
77	15	50	663667	3955.01	DFT-s-OFDM 16 QAM	135@67	25.89	23.69	0.2339

77	15	50	663667	3955.01	DFT-s-OFDM 16 QAM	1@1	25.7	23.5	0.2239
77	15	50	663667	3955.01	DFT-s-OFDM 16 QAM	1@268	25.58	23.38	0.2178
77	15	50	663667	3955.01	DFT-s-OFDM 64 QAM	135@67	24.4	22.2	0.1660
77	15	50	663667	3955.01	DFT-s-OFDM 64 QAM	1@1	24.14	21.94	0.1563
77	15	50	663667	3955.01	DFT-s-OFDM 64 QAM	1@268	24.29	22.09	0.1618
77	15	50	663667	3955.01	DFT-s-OFDM 256 QAM	135@67	22.32	20.12	0.1028
77	15	50	663667	3955.01	DFT-s-OFDM 256 QAM	1@1	22.27	20.07	0.1016
77	15	50	663667	3955.01	DFT-s-OFDM 256 QAM	1@268	22.34	20.14	0.1033
77	15	50	663667	3955.01	CP-OFDM QPSK	135@67	25.27	23.07	0.2028
77	15	50	663667	3955.01	CP-OFDM QPSK	1@1	25.16	22.96	0.1977
77	15	50	663667	3955.01	CP-OFDM QPSK	1@268	25.29	23.09	0.2037

LTE Band: 41, LTE BW: 20M, LTE ARFCN: Mid

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	-0.00367	PASS	NV
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	-0.00673	PASS	LV
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	-0.00471	PASS	HV
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	-0.00296	PASS	-30°C
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	-0.00540	PASS	-20°C
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	-0.00321	PASS	-10°C
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	-0.00239	PASS	0°C
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	-0.00676	PASS	10°C
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	-0.00652	PASS	20°C
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	-0.00499	PASS	30°C
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	-0.00647	PASS	40°C
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	-0.00280	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	15	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	100@0	7.29	13	PASS
77	15	20	647333	3709.99	DFT-s-OFDM PI/2 BPSK	1@0	4.47	13	PASS
77	15	20	647333	3709.99	DFT-s-OFDM QPSK	100@0	8.03	13	PASS
77	15	20	647333	3709.99	DFT-s-OFDM QPSK	1@0	6.78	13	PASS
77	15	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	100@0	7.18	13	PASS
77	15	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@0	4.77	13	PASS
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	9.53	13	PASS
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	6.74	13	PASS
77	15	20	664667	3970.01	DFT-s-OFDM PI/2 BPSK	100@0	7.76	13	PASS
77	15	20	664667	3970.01	DFT-s-OFDM PI/2 BPSK	1@0	4.42	13	PASS
77	15	20	664667	3970.01	DFT-s-OFDM QPSK	100@0	6.74	13	PASS
77	15	20	664667	3970.01	DFT-s-OFDM QPSK	1@0	6.47	13	PASS