

FR1 N66

LTE Band: 7, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power And ERP/EIRP, (G_T - L_C)=-0.94dB

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	24.3	23.36	0.2168
66	15	5	422500	1712.5	DFT-s-OFDM PI/2 BPSK	1@1	24.23	23.29	0.2133
66	15	5	422500	1712.5	DFT-s-OFDM PI/2 BPSK	1@23	23.91	22.97	0.1982
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	12@6	23.12	22.18	0.1652
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@1	23.05	22.11	0.1626
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@23	22.84	21.9	0.1549
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	12@6	22.05	21.11	0.1291
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	1@1	21.94	21	0.1259
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	1@23	21.81	20.87	0.1222
66	15	5	422500	1712.5	DFT-s-OFDM 64 QAM	12@6	20.65	19.71	0.0935
66	15	5	422500	1712.5	DFT-s-OFDM 64 QAM	1@1	20.64	19.7	0.0933
66	15	5	422500	1712.5	DFT-s-OFDM 64 QAM	1@23	20.54	19.6	0.0912
66	15	5	422500	1712.5	DFT-s-OFDM 256 QAM	12@6	19.19	18.25	0.0668
66	15	5	422500	1712.5	DFT-s-OFDM 256 QAM	1@1	18.61	17.67	0.0585
66	15	5	422500	1712.5	DFT-s-OFDM 256 QAM	1@23	18.53	17.59	0.0574
66	15	5	422500	1712.5	CP-OFDM QPSK	13@6	21.18	20.24	0.1057
66	15	5	422500	1712.5	CP-OFDM QPSK	1@1	21.35	20.41	0.1099
66	15	5	422500	1712.5	CP-OFDM QPSK	1@23	21.21	20.27	0.1064
66	15	5	429000	1745.0	DFT-s-OFDM PI/2 BPSK	12@6	24.33	23.39	0.2183

66	15	5	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@1	24.41	23.47	0.2223
66	15	5	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@23	24.5	23.56	0.2270
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	12@6	24	23.06	0.2023
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	1@1	23.89	22.95	0.1972
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	1@23	23.89	22.95	0.1972
66	15	5	429000	1745.0	DFT-s-OFDM 16 QAM	12@6	23	22.06	0.1607
66	15	5	429000	1745.0	DFT-s-OFDM 16 QAM	1@1	22.9	21.96	0.1570
66	15	5	429000	1745.0	DFT-s-OFDM 16 QAM	1@23	22.89	21.95	0.1567
66	15	5	429000	1745.0	DFT-s-OFDM 64 QAM	12@6	21.67	20.73	0.1183
66	15	5	429000	1745.0	DFT-s-OFDM 64 QAM	1@1	21.64	20.7	0.1175
66	15	5	429000	1745.0	DFT-s-OFDM 64 QAM	1@23	21.71	20.77	0.1194
66	15	5	429000	1745.0	DFT-s-OFDM 256 QAM	12@6	20.07	19.13	0.0818
66	15	5	429000	1745.0	DFT-s-OFDM 256 QAM	1@1	19.52	18.58	0.0721
66	15	5	429000	1745.0	DFT-s-OFDM 256 QAM	1@23	19.68	18.74	0.0748
66	15	5	429000	1745.0	CP-OFDM QPSK	13@6	22.26	21.32	0.1355
66	15	5	429000	1745.0	CP-OFDM QPSK	1@1	22.36	21.42	0.1387
66	15	5	429000	1745.0	CP-OFDM QPSK	1@23	22.33	21.39	0.1377
66	15	5	435500	1777.5	DFT-s-OFDM PI/2 BPSK	12@6	23.78	22.84	0.1923
66	15	5	435500	1777.5	DFT-s-OFDM PI/2 BPSK	1@1	23.26	22.32	0.1706
66	15	5	435500	1777.5	DFT-s-OFDM PI/2 BPSK	1@23	23.92	22.98	0.1986
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	12@6	24.05	23.11	0.2046
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@1	23.5	22.56	0.1803
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@23	23.06	22.12	0.1629
66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	12@6	22.46	21.52	0.1419

66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	1@1	22.46	21.52	0.1419
66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	1@23	22.24	21.3	0.1349
66	15	5	435500	1777.5	DFT-s-OFDM 64 QAM	12@6	21.08	20.14	0.1033
66	15	5	435500	1777.5	DFT-s-OFDM 64 QAM	1@1	21.02	20.08	0.1019
66	15	5	435500	1777.5	DFT-s-OFDM 64 QAM	1@23	21.44	20.5	0.1122
66	15	5	435500	1777.5	DFT-s-OFDM 256 QAM	12@6	19.69	18.75	0.0750
66	15	5	435500	1777.5	DFT-s-OFDM 256 QAM	1@1	19.15	18.21	0.0662
66	15	5	435500	1777.5	DFT-s-OFDM 256 QAM	1@23	19.34	18.4	0.0692
66	15	5	435500	1777.5	CP-OFDM QPSK	13@6	21.77	20.83	0.1211
66	15	5	435500	1777.5	CP-OFDM QPSK	1@1	22	21.06	0.1276
66	15	5	435500	1777.5	CP-OFDM QPSK	1@23	21.72	20.78	0.1197
66	15	10	423000	1715.0	DFT-s-OFDM PI/2 BPSK	25@12	24.44	23.5	0.2239
66	15	10	423000	1715.0	DFT-s-OFDM PI/2 BPSK	1@1	24.21	23.27	0.2123
66	15	10	423000	1715.0	DFT-s-OFDM PI/2 BPSK	1@50	24.06	23.12	0.2051
66	15	10	423000	1715.0	DFT-s-OFDM QPSK	25@12	23.8	22.86	0.1932
66	15	10	423000	1715.0	DFT-s-OFDM QPSK	1@1	23.13	22.19	0.1656
66	15	10	423000	1715.0	DFT-s-OFDM QPSK	1@50	22.49	21.55	0.1429
66	15	10	423000	1715.0	DFT-s-OFDM 16 QAM	25@12	22.26	21.32	0.1355
66	15	10	423000	1715.0	DFT-s-OFDM 16 QAM	1@1	21.91	20.97	0.1250
66	15	10	423000	1715.0	DFT-s-OFDM 16 QAM	1@50	21.4	20.46	0.1112
66	15	10	423000	1715.0	DFT-s-OFDM 64 QAM	25@12	20.8	19.86	0.0968
66	15	10	423000	1715.0	DFT-s-OFDM 64 QAM	1@1	20.61	19.67	0.0927
66	15	10	423000	1715.0	DFT-s-OFDM 64 QAM	1@50	20.14	19.2	0.0832
66	15	10	423000	1715.0	DFT-s-OFDM 256 QAM	25@12	19.38	18.44	0.0698

66	15	10	423000	1715.0	DFT-s-OFDM 256 QAM	1@1	18.58	17.64	0.0581
66	15	10	423000	1715.0	DFT-s-OFDM 256 QAM	1@50	18.16	17.22	0.0527
66	15	10	423000	1715.0	CP-OFDM QPSK	26@13	21.52	20.58	0.1143
66	15	10	423000	1715.0	CP-OFDM QPSK	1@1	21.41	20.47	0.1114
66	15	10	423000	1715.0	CP-OFDM QPSK	1@50	20.95	20.01	0.1002
66	15	10	429000	1745.0	DFT-s-OFDM PI/2 BPSK	25@12	24.4	23.46	0.2218
66	15	10	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@1	24.29	23.35	0.2163
66	15	10	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@50	24.43	23.49	0.2234
66	15	10	429000	1745.0	DFT-s-OFDM QPSK	25@12	24.33	23.39	0.2183
66	15	10	429000	1745.0	DFT-s-OFDM QPSK	1@1	23.84	22.9	0.1950
66	15	10	429000	1745.0	DFT-s-OFDM QPSK	1@50	23.99	23.05	0.2018
66	15	10	429000	1745.0	DFT-s-OFDM 16 QAM	25@12	23.49	22.55	0.1799
66	15	10	429000	1745.0	DFT-s-OFDM 16 QAM	1@1	22.87	21.93	0.1560
66	15	10	429000	1745.0	DFT-s-OFDM 16 QAM	1@50	22.99	22.05	0.1603
66	15	10	429000	1745.0	DFT-s-OFDM 64 QAM	25@12	21.95	21.01	0.1262
66	15	10	429000	1745.0	DFT-s-OFDM 64 QAM	1@1	21.67	20.73	0.1183
66	15	10	429000	1745.0	DFT-s-OFDM 64 QAM	1@50	21.84	20.9	0.1230
66	15	10	429000	1745.0	DFT-s-OFDM 256 QAM	25@12	19.9	18.96	0.0787
66	15	10	429000	1745.0	DFT-s-OFDM 256 QAM	1@1	19.44	18.5	0.0708
66	15	10	429000	1745.0	DFT-s-OFDM 256 QAM	1@50	19.46	18.52	0.0711
66	15	10	429000	1745.0	CP-OFDM QPSK	26@13	22.89	21.95	0.1567
66	15	10	429000	1745.0	CP-OFDM QPSK	1@1	22.44	21.5	0.1413
66	15	10	429000	1745.0	CP-OFDM QPSK	1@50	22.65	21.71	0.1483
66	15	10	435000	1775.0	DFT-s-OFDM PI/2 BPSK	25@12	24.27	23.33	0.2153

66	15	10	435000	1775.0	DFT-s-OFDM PI/2 BPSK	1@1	24.07	23.13	0.2056
66	15	10	435000	1775.0	DFT-s-OFDM PI/2 BPSK	1@50	23.44	22.5	0.1778
66	15	10	435000	1775.0	DFT-s-OFDM QPSK	25@12	23.42	22.48	0.1770
66	15	10	435000	1775.0	DFT-s-OFDM QPSK	1@1	23	22.06	0.1607
66	15	10	435000	1775.0	DFT-s-OFDM QPSK	1@50	22.52	21.58	0.1439
66	15	10	435000	1775.0	DFT-s-OFDM 16 QAM	25@12	22.48	21.54	0.1426
66	15	10	435000	1775.0	DFT-s-OFDM 16 QAM	1@1	22.04	21.1	0.1288
66	15	10	435000	1775.0	DFT-s-OFDM 16 QAM	1@50	21.66	20.72	0.1180
66	15	10	435000	1775.0	DFT-s-OFDM 64 QAM	25@12	21.24	20.3	0.1072
66	15	10	435000	1775.0	DFT-s-OFDM 64 QAM	1@1	20.87	19.93	0.0984
66	15	10	435000	1775.0	DFT-s-OFDM 64 QAM	1@50	20.6	19.66	0.0925
66	15	10	435000	1775.0	DFT-s-OFDM 256 QAM	25@12	19.91	18.97	0.0789
66	15	10	435000	1775.0	DFT-s-OFDM 256 QAM	1@1	19.03	18.09	0.0644
66	15	10	435000	1775.0	DFT-s-OFDM 256 QAM	1@50	18.82	17.88	0.0614
66	15	10	435000	1775.0	CP-OFDM QPSK	26@13	21.92	20.98	0.1253
66	15	10	435000	1775.0	CP-OFDM QPSK	1@1	21.63	20.69	0.1172
66	15	10	435000	1775.0	CP-OFDM QPSK	1@50	21.29	20.35	0.1084
66	15	15	423500	1717.5	DFT-s-OFDM PI/2 BPSK	36@18	23.47	22.53	0.1791
66	15	15	423500	1717.5	DFT-s-OFDM PI/2 BPSK	1@1	23.52	22.58	0.1811
66	15	15	423500	1717.5	DFT-s-OFDM PI/2 BPSK	1@77	22.57	21.63	0.1455
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	36@18	22.16	21.22	0.1324
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	1@1	22.57	21.63	0.1455
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	1@77	21.69	20.75	0.1189
66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	36@18	21.23	20.29	0.1069

66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	1@1	21.57	20.63	0.1156
66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	1@77	20.95	20.01	0.1002
66	15	15	423500	1717.5	DFT-s-OFDM 64 QAM	36@18	19.9	18.96	0.0787
66	15	15	423500	1717.5	DFT-s-OFDM 64 QAM	1@1	20.37	19.43	0.0877
66	15	15	423500	1717.5	DFT-s-OFDM 64 QAM	1@77	19.76	18.82	0.0762
66	15	15	423500	1717.5	DFT-s-OFDM 256 QAM	36@18	18.48	17.54	0.0568
66	15	15	423500	1717.5	DFT-s-OFDM 256 QAM	1@1	18.4	17.46	0.0557
66	15	15	423500	1717.5	DFT-s-OFDM 256 QAM	1@77	17.8	16.86	0.0485
66	15	15	423500	1717.5	CP-OFDM QPSK	39@191	20.17	19.23	0.0838
66	15	15	423500	1717.5	CP-OFDM QPSK	1@1	21.22	20.28	0.1067
66	15	15	423500	1717.5	CP-OFDM QPSK	1@77	20.3	19.36	0.0863
66	15	15	429000	1745.0	DFT-s-OFDM PI/2 BPSK	36@18	24.43	23.49	0.2234
66	15	15	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@1	24.52	23.58	0.2280
66	15	15	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@77	24.37	23.43	0.2203
66	15	15	429000	1745.0	DFT-s-OFDM QPSK	36@18	23.91	22.97	0.1982
66	15	15	429000	1745.0	DFT-s-OFDM QPSK	1@1	23.52	22.58	0.1811
66	15	15	429000	1745.0	DFT-s-OFDM QPSK	1@77	23.54	22.6	0.1820
66	15	15	429000	1745.0	DFT-s-OFDM 16 QAM	36@18	22.88	21.94	0.1563
66	15	15	429000	1745.0	DFT-s-OFDM 16 QAM	1@1	22.56	21.62	0.1452
66	15	15	429000	1745.0	DFT-s-OFDM 16 QAM	1@77	22.53	21.59	0.1442
66	15	15	429000	1745.0	DFT-s-OFDM 64 QAM	36@18	21.57	20.63	0.1156
66	15	15	429000	1745.0	DFT-s-OFDM 64 QAM	1@1	21.33	20.39	0.1094
66	15	15	429000	1745.0	DFT-s-OFDM 64 QAM	1@77	21.36	20.42	0.1102
66	15	15	429000	1745.0	DFT-s-OFDM 256 QAM	36@18	20.12	19.18	0.0828

66	15	15	429000	1745.0	DFT-s-OFDM 256 QAM	1@1	19.32	18.38	0.0689
66	15	15	429000	1745.0	DFT-s-OFDM 256 QAM	1@77	19.36	18.42	0.0695
66	15	15	429000	1745.0	CP-OFDM QPSK	39@191	21.34	20.4	0.1096
66	15	15	429000	1745.0	CP-OFDM QPSK	1@1	22.05	21.11	0.1291
66	15	15	429000	1745.0	CP-OFDM QPSK	1@77	22.01	21.07	0.1279
66	15	15	434500	1772.5	DFT-s-OFDM PI/2 BPSK	36@18	24.24	23.3	0.2138
66	15	15	434500	1772.5	DFT-s-OFDM PI/2 BPSK	1@1	23.46	22.52	0.1786
66	15	15	434500	1772.5	DFT-s-OFDM PI/2 BPSK	1@77	24.21	23.27	0.2123
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	36@18	24.37	23.43	0.2203
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	1@1	24.31	23.37	0.2173
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	1@77	24.2	23.26	0.2118
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	36@18	23.52	22.58	0.1811
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	1@1	23.19	22.25	0.1679
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	1@77	23.52	22.58	0.1811
66	15	15	434500	1772.5	DFT-s-OFDM 64 QAM	36@18	21.92	20.98	0.1253
66	15	15	434500	1772.5	DFT-s-OFDM 64 QAM	1@1	22.04	21.1	0.1288
66	15	15	434500	1772.5	DFT-s-OFDM 64 QAM	1@77	21.92	20.98	0.1253
66	15	15	434500	1772.5	DFT-s-OFDM 256 QAM	36@18	19.81	18.87	0.0771
66	15	15	434500	1772.5	DFT-s-OFDM 256 QAM	1@1	19.45	18.51	0.0710
66	15	15	434500	1772.5	DFT-s-OFDM 256 QAM	1@77	19.36	18.42	0.0695
66	15	15	434500	1772.5	CP-OFDM QPSK	39@191	21.35	20.41	0.1099
66	15	15	434500	1772.5	CP-OFDM QPSK	1@1	22.95	22.01	0.1589
66	15	15	434500	1772.5	CP-OFDM QPSK	1@77	22.8	21.86	0.1535
66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	50@25	24.3	23.36	0.2168

66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	1@1	24.3	23.36	0.2168
66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	1@104	23.75	22.81	0.1910
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	50@25	23.55	22.61	0.1824
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@1	23.71	22.77	0.1892
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@104	22.77	21.83	0.1524
66	15	20	424000	1720.0	DFT-s-OFDM 16 QAM	50@25	22.57	21.63	0.1455
66	15	20	424000	1720.0	DFT-s-OFDM 16 QAM	1@1	22.73	21.79	0.1510
66	15	20	424000	1720.0	DFT-s-OFDM 16 QAM	1@104	22.07	21.13	0.1297
66	15	20	424000	1720.0	DFT-s-OFDM 64 QAM	50@25	21.29	20.35	0.1084
66	15	20	424000	1720.0	DFT-s-OFDM 64 QAM	1@1	21.49	20.55	0.1135
66	15	20	424000	1720.0	DFT-s-OFDM 64 QAM	1@104	20.9	19.96	0.0991
66	15	20	424000	1720.0	DFT-s-OFDM 256 QAM	50@25	19.9	18.96	0.0787
66	15	20	424000	1720.0	DFT-s-OFDM 256 QAM	1@1	19.33	18.39	0.0690
66	15	20	424000	1720.0	DFT-s-OFDM 256 QAM	1@104	18.9	17.96	0.0625
66	15	20	424000	1720.0	CP-OFDM QPSK	53@26	22.11	21.17	0.1309
66	15	20	424000	1720.0	CP-OFDM QPSK	1@1	22.35	21.41	0.1384
66	15	20	424000	1720.0	CP-OFDM QPSK	1@104	21.52	20.58	0.1143
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	50@25	24.19	23.25	0.2113
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@1	24.18	23.24	0.2109
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@104	24.23	23.29	0.2133
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	50@25	24.27	23.33	0.2153
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@1	24.12	23.18	0.2080
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@104	24.2	23.26	0.2118
66	15	20	429000	1745.0	DFT-s-OFDM 16 QAM	50@25	23.42	22.48	0.1770

66	15	20	429000	1745.0	DFT-s-OFDM 16 QAM	1@1	23.14	22.2	0.1660
66	15	20	429000	1745.0	DFT-s-OFDM 16 QAM	1@104	23.17	22.23	0.1671
66	15	20	429000	1745.0	DFT-s-OFDM 64 QAM	50@25	21.87	20.93	0.1239
66	15	20	429000	1745.0	DFT-s-OFDM 64 QAM	1@1	21.95	21.01	0.1262
66	15	20	429000	1745.0	DFT-s-OFDM 64 QAM	1@104	21.91	20.97	0.1250
66	15	20	429000	1745.0	DFT-s-OFDM 256 QAM	50@25	19.92	18.98	0.0791
66	15	20	429000	1745.0	DFT-s-OFDM 256 QAM	1@1	19.35	18.41	0.0693
66	15	20	429000	1745.0	DFT-s-OFDM 256 QAM	1@104	19.19	18.25	0.0668
66	15	20	429000	1745.0	CP-OFDM QPSK	53@26	22.84	21.9	0.1549
66	15	20	429000	1745.0	CP-OFDM QPSK	1@1	22.78	21.84	0.1528
66	15	20	429000	1745.0	CP-OFDM QPSK	1@104	22.96	22.02	0.1592
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	50@25	24.21	23.27	0.2123
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	1@1	24.22	23.28	0.2128
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	1@104	24.21	23.27	0.2123
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	50@25	24.23	23.29	0.2133
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@1	23.53	22.59	0.1816
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@104	23.54	22.6	0.1820
66	15	20	434000	1770.0	DFT-s-OFDM 16 QAM	50@25	23.46	22.52	0.1786
66	15	20	434000	1770.0	DFT-s-OFDM 16 QAM	1@1	22.69	21.75	0.1496
66	15	20	434000	1770.0	DFT-s-OFDM 16 QAM	1@104	22.7	21.76	0.1500
66	15	20	434000	1770.0	DFT-s-OFDM 64 QAM	50@25	22	21.06	0.1276
66	15	20	434000	1770.0	DFT-s-OFDM 64 QAM	1@1	21.53	20.59	0.1146
66	15	20	434000	1770.0	DFT-s-OFDM 64 QAM	1@104	21.76	20.82	0.1208
66	15	20	434000	1770.0	DFT-s-OFDM 256 QAM	50@25	19.91	18.97	0.0789

66	15	20	434000	1770.0	DFT-s-OFDM 256 QAM	1@1	19.34	18.4	0.0692
66	15	20	434000	1770.0	DFT-s-OFDM 256 QAM	1@104	19.35	18.41	0.0693
66	15	20	434000	1770.0	CP-OFDM QPSK	53@26	22.83	21.89	0.1545
66	15	20	434000	1770.0	CP-OFDM QPSK	1@1	22.18	21.24	0.1330
66	15	20	434000	1770.0	CP-OFDM QPSK	1@104	22.55	21.61	0.1449
66	15	30	425000	1725.0	DFT-s-OFDM PI/2 BPSK	80@40	24.32	23.38	0.2178
66	15	30	425000	1725.0	DFT-s-OFDM PI/2 BPSK	1@1	24.36	23.42	0.2198
66	15	30	425000	1725.0	DFT-s-OFDM PI/2 BPSK	1@158	24.48	23.54	0.2259
66	15	30	425000	1725.0	DFT-s-OFDM QPSK	80@40	24.12	23.18	0.2080
66	15	30	425000	1725.0	DFT-s-OFDM QPSK	1@1	23.83	22.89	0.1945
66	15	30	425000	1725.0	DFT-s-OFDM QPSK	1@158	24.17	23.23	0.2104
66	15	30	425000	1725.0	DFT-s-OFDM 16 QAM	80@40	23.14	22.2	0.1660
66	15	30	425000	1725.0	DFT-s-OFDM 16 QAM	1@1	22.84	21.9	0.1549
66	15	30	425000	1725.0	DFT-s-OFDM 16 QAM	1@158	23.25	22.31	0.1702
66	15	30	425000	1725.0	DFT-s-OFDM 64 QAM	80@40	21.9	20.96	0.1247
66	15	30	425000	1725.0	DFT-s-OFDM 64 QAM	1@1	21.66	20.72	0.1180
66	15	30	425000	1725.0	DFT-s-OFDM 64 QAM	1@158	22.03	21.09	0.1285
66	15	30	425000	1725.0	DFT-s-OFDM 256 QAM	80@40	20.02	19.08	0.0809
66	15	30	425000	1725.0	DFT-s-OFDM 256 QAM	1@1	19.44	18.5	0.0708
66	15	30	425000	1725.0	DFT-s-OFDM 256 QAM	1@158	19.64	18.7	0.0741
66	15	30	425000	1725.0	CP-OFDM QPSK	80@40	22.74	21.8	0.1514
66	15	30	425000	1725.0	CP-OFDM QPSK	1@1	22.55	21.61	0.1449
66	15	30	425000	1725.0	CP-OFDM QPSK	1@158	22.86	21.92	0.1556
66	15	30	429000	1745.0	DFT-s-OFDM PI/2 BPSK	80@40	24.33	23.39	0.2183

66	15	30	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@1	24.41	23.47	0.2223
66	15	30	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@158	24.36	23.42	0.2198
66	15	30	429000	1745.0	DFT-s-OFDM QPSK	80@40	24.34	23.4	0.2188
66	15	30	429000	1745.0	DFT-s-OFDM QPSK	1@1	24.02	23.08	0.2032
66	15	30	429000	1745.0	DFT-s-OFDM QPSK	1@158	24.12	23.18	0.2080
66	15	30	429000	1745.0	DFT-s-OFDM 16 QAM	80@40	23.43	22.49	0.1774
66	15	30	429000	1745.0	DFT-s-OFDM 16 QAM	1@1	23.06	22.12	0.1629
66	15	30	429000	1745.0	DFT-s-OFDM 16 QAM	1@158	23.18	22.24	0.1675
66	15	30	429000	1745.0	DFT-s-OFDM 64 QAM	80@40	22	21.06	0.1276
66	15	30	429000	1745.0	DFT-s-OFDM 64 QAM	1@1	21.88	20.94	0.1242
66	15	30	429000	1745.0	DFT-s-OFDM 64 QAM	1@158	22.07	21.13	0.1297
66	15	30	429000	1745.0	DFT-s-OFDM 256 QAM	80@40	20.01	19.07	0.0807
66	15	30	429000	1745.0	DFT-s-OFDM 256 QAM	1@1	19.56	18.62	0.0728
66	15	30	429000	1745.0	DFT-s-OFDM 256 QAM	1@158	19.44	18.5	0.0708
66	15	30	429000	1745.0	CP-OFDM QPSK	80@40	22.89	21.95	0.1567
66	15	30	429000	1745.0	CP-OFDM QPSK	1@1	22.77	21.83	0.1524
66	15	30	429000	1745.0	CP-OFDM QPSK	1@158	22.84	21.9	0.1549
66	15	30	433000	1765.0	DFT-s-OFDM PI/2 BPSK	80@40	24.31	23.37	0.2173
66	15	30	433000	1765.0	DFT-s-OFDM PI/2 BPSK	1@1	24.37	23.43	0.2203
66	15	30	433000	1765.0	DFT-s-OFDM PI/2 BPSK	1@158	23.47	22.53	0.1791
66	15	30	433000	1765.0	DFT-s-OFDM QPSK	80@40	24.28	23.34	0.2158
66	15	30	433000	1765.0	DFT-s-OFDM QPSK	1@1	24.48	23.54	0.2259
66	15	30	433000	1765.0	DFT-s-OFDM QPSK	1@158	22.63	21.69	0.1476
66	15	30	433000	1765.0	DFT-s-OFDM 16 QAM	80@40	23.26	22.32	0.1706

66	15	30	433000	1765.0	DFT-s-OFDM 16 QAM	1@1	23.44	22.5	0.1778
66	15	30	433000	1765.0	DFT-s-OFDM 16 QAM	1@158	21.79	20.85	0.1216
66	15	30	433000	1765.0	DFT-s-OFDM 64 QAM	80@40	22.06	21.12	0.1294
66	15	30	433000	1765.0	DFT-s-OFDM 64 QAM	1@1	22.19	21.25	0.1334
66	15	30	433000	1765.0	DFT-s-OFDM 64 QAM	1@158	20.75	19.81	0.0957
66	15	30	433000	1765.0	DFT-s-OFDM 256 QAM	80@40	20.02	19.08	0.0809
66	15	30	433000	1765.0	DFT-s-OFDM 256 QAM	1@1	19.67	18.73	0.0746
66	15	30	433000	1765.0	DFT-s-OFDM 256 QAM	1@158	19	18.06	0.0640
66	15	30	433000	1765.0	CP-OFDM QPSK	80@40	22.9	21.96	0.1570
66	15	30	433000	1765.0	CP-OFDM QPSK	1@1	23.15	22.21	0.1663
66	15	30	433000	1765.0	CP-OFDM QPSK	1@158	21.55	20.61	0.1151
66	15	40	426000	1730.0	DFT-s-OFDM PI/2 BPSK	108@54	24.31	23.37	0.2173
66	15	40	426000	1730.0	DFT-s-OFDM PI/2 BPSK	1@1	24.27	23.33	0.2153
66	15	40	426000	1730.0	DFT-s-OFDM PI/2 BPSK	1@214	24.36	23.42	0.2198
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	108@54	24.27	23.33	0.2153
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@1	24.31	23.37	0.2173
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@214	24.55	23.61	0.2296
66	15	40	426000	1730.0	DFT-s-OFDM 16 QAM	108@54	23.3	22.36	0.1722
66	15	40	426000	1730.0	DFT-s-OFDM 16 QAM	1@1	23.32	22.38	0.1730
66	15	40	426000	1730.0	DFT-s-OFDM 16 QAM	1@214	23.56	22.62	0.1828
66	15	40	426000	1730.0	DFT-s-OFDM 64 QAM	108@54	21.96	21.02	0.1265
66	15	40	426000	1730.0	DFT-s-OFDM 64 QAM	1@1	22.11	21.17	0.1309
66	15	40	426000	1730.0	DFT-s-OFDM 64 QAM	1@214	22.13	21.19	0.1315
66	15	40	426000	1730.0	DFT-s-OFDM 256 QAM	108@54	19.98	19.04	0.0802

66	15	40	426000	1730.0	DFT-s-OFDM 256 QAM	1@1	19.34	18.4	0.0692
66	15	40	426000	1730.0	DFT-s-OFDM 256 QAM	1@214	19.62	18.68	0.0738
66	15	40	426000	1730.0	CP-OFDM QPSK	108@54	22.85	21.91	0.1552
66	15	40	426000	1730.0	CP-OFDM QPSK	1@1	23.05	22.11	0.1626
66	15	40	426000	1730.0	CP-OFDM QPSK	1@214	23.19	22.25	0.1679
66	15	40	429000	1745.0	DFT-s-OFDM PI/2 BPSK	108@54	24.32	23.38	0.2178
66	15	40	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@1	24.15	23.21	0.2094
66	15	40	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@214	24.33	23.39	0.2183
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	108@54	24.38	23.44	0.2208
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	1@1	24.2	23.26	0.2118
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	1@214	24.04	23.1	0.2042
66	15	40	429000	1745.0	DFT-s-OFDM 16 QAM	108@54	23.52	22.58	0.1811
66	15	40	429000	1745.0	DFT-s-OFDM 16 QAM	1@1	23.21	22.27	0.1687
66	15	40	429000	1745.0	DFT-s-OFDM 16 QAM	1@214	23.13	22.19	0.1656
66	15	40	429000	1745.0	DFT-s-OFDM 64 QAM	108@54	22.03	21.09	0.1285
66	15	40	429000	1745.0	DFT-s-OFDM 64 QAM	1@1	22.03	21.09	0.1285
66	15	40	429000	1745.0	DFT-s-OFDM 64 QAM	1@214	22.05	21.11	0.1291
66	15	40	429000	1745.0	DFT-s-OFDM 256 QAM	108@54	19.99	19.05	0.0804
66	15	40	429000	1745.0	DFT-s-OFDM 256 QAM	1@1	19.21	18.27	0.0671
66	15	40	429000	1745.0	DFT-s-OFDM 256 QAM	1@214	19.52	18.58	0.0721
66	15	40	429000	1745.0	CP-OFDM QPSK	108@54	23.04	22.1	0.1622
66	15	40	429000	1745.0	CP-OFDM QPSK	1@1	22.87	21.93	0.1560
66	15	40	429000	1745.0	CP-OFDM QPSK	1@214	22.9	21.96	0.1570
66	15	40	432000	1760.0	DFT-s-OFDM PI/2 BPSK	108@54	24.3	23.36	0.2168

66	15	40	432000	1760.0	DFT-s-OFDM PI/2 BPSK	1@1	24.4	23.46	0.2218
66	15	40	432000	1760.0	DFT-s-OFDM PI/2 BPSK	1@214	23.16	22.22	0.1667
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	108@54	24.33	23.39	0.2183
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@1	23.93	22.99	0.1991
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@214	22.32	21.38	0.1374
66	15	40	432000	1760.0	DFT-s-OFDM 16 QAM	108@54	23.52	22.58	0.1811
66	15	40	432000	1760.0	DFT-s-OFDM 16 QAM	1@1	22.86	21.92	0.1556
66	15	40	432000	1760.0	DFT-s-OFDM 16 QAM	1@214	21.52	20.58	0.1143
66	15	40	432000	1760.0	DFT-s-OFDM 64 QAM	108@54	21.97	21.03	0.1268
66	15	40	432000	1760.0	DFT-s-OFDM 64 QAM	1@1	21.69	20.75	0.1189
66	15	40	432000	1760.0	DFT-s-OFDM 64 QAM	1@214	20.44	19.5	0.0891
66	15	40	432000	1760.0	DFT-s-OFDM 256 QAM	108@54	20.01	19.07	0.0807
66	15	40	432000	1760.0	DFT-s-OFDM 256 QAM	1@1	19.52	18.58	0.0721
66	15	40	432000	1760.0	DFT-s-OFDM 256 QAM	1@214	18.67	17.73	0.0593
66	15	40	432000	1760.0	CP-OFDM QPSK	108@54	22.94	22	0.1585
66	15	40	432000	1760.0	CP-OFDM QPSK	1@1	22.59	21.65	0.1462
66	15	40	432000	1760.0	CP-OFDM QPSK	1@214	21.31	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	-0.00682	PASS	NV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00409	PASS	LV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00527	PASS	HV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00523	PASS	-30°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00781	PASS	-20°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00218	PASS	-10°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00126	PASS	0°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.0061	PASS	10°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00369	PASS	20°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.0044	PASS	30°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.0054	PASS	40°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00497	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	3.88	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	1@0	3.41	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	100@0	5.0	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	5.16	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	3.75	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	3.39	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	4.85	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	5.07	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	100@0	3.57	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	1@0	3.3	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	100@0	5.01	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	4.99	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



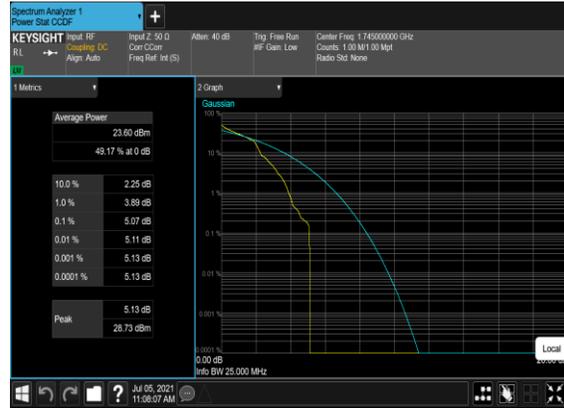
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BPSK_Edge_1RB_Left_Mid_CH



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



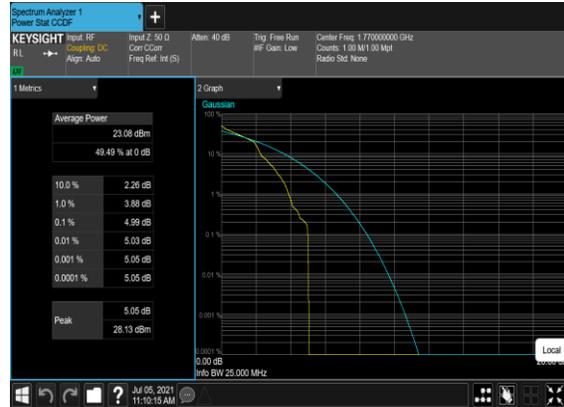
B7_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



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	4.461	4.874
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	25@0	4.4643	4.828
66	15	5	429000	1745.0	CP-OFDM QPSK	25@0	4.4813	4.96
66	15	5	429000	1745.0	CP-OFDM 16 QAM	25@0	4.4753	4.921
66	15	5	429000	1745.0	CP-OFDM 64 QAM	25@0	4.4764	4.971
66	15	5	429000	1745.0	CP-OFDM 256 QAM	25@0	4.4679	4.913
66	15	10	429000	1745.0	DFT-s-OFDM PI/2 BPSK	50@0	8.8687	9.442
66	15	10	429000	1745.0	DFT-s-OFDM QPSK	50@0	8.8976	9.486
66	15	10	429000	1745.0	CP-OFDM QPSK	52@0	9.2677	9.942
66	15	10	429000	1745.0	CP-OFDM 16 QAM	52@0	9.2616	9.828
66	15	10	429000	1745.0	CP-OFDM 64 QAM	52@0	9.2605	9.863
66	15	10	429000	1745.0	CP-OFDM 256 QAM	52@0	9.2756	9.884
66	15	15	429000	1745.0	DFT-s-OFDM PI/2 BPSK	75@0	13.375	14.11
66	15	15	429000	1745.0	DFT-s-OFDM QPSK	75@0	13.372	14.1
66	15	15	429000	1745.0	CP-OFDM QPSK	79@0	14.091	14.87
66	15	15	429000	1745.0	CP-OFDM 16 QAM	79@0	14.103	14.83
66	15	15	429000	1745.0	CP-OFDM 64 QAM	79@0	14.11	14.74
66	15	15	429000	1745.0	CP-OFDM 256 QAM	79@0	14.073	14.86
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	17.833	18.71
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	17.838	18.63
66	15	20	429000	1745.0	CP-OFDM QPSK	106@0	18.892	19.8
66	15	20	429000	1745.0	CP-OFDM 16 QAM	106@0	18.903	19.85
66	15	20	429000	1745.0	CP-OFDM 64 QAM	106@0	18.895	21.31
66	15	20	429000	1745.0	CP-OFDM 256 QAM	106@0	18.983	19.86

66	15	30	429000	1745.0	DFT-s-OFDM PI/2 BPSK	160@0	28.499	29.58
66	15	30	429000	1745.0	DFT-s-OFDM QPSK	160@0	28.485	29.57
66	15	30	429000	1745.0	CP-OFDM QPSK	160@0	28.47	29.61
66	15	30	429000	1745.0	CP-OFDM 16 QAM	160@0	28.568	29.63
66	15	30	429000	1745.0	CP-OFDM 64 QAM	160@0	28.463	29.66
66	15	30	429000	1745.0	CP-OFDM 256 QAM	160@0	28.53	29.71
66	15	40	429000	1745.0	DFT-s-OFDM PI/2 BPSK	216@0	38.38	39.9
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	216@0	38.615	39.89
66	15	40	429000	1745.0	CP-OFDM QPSK	216@0	38.387	39.94
66	15	40	429000	1745.0	CP-OFDM 16 QAM	216@0	38.394	39.84
66	15	40	429000	1745.0	CP-OFDM 64 QAM	216@0	38.427	39.72
66	15	40	429000	1745.0	CP-OFDM 256 QAM	216@0	38.392	39.77

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



B7_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



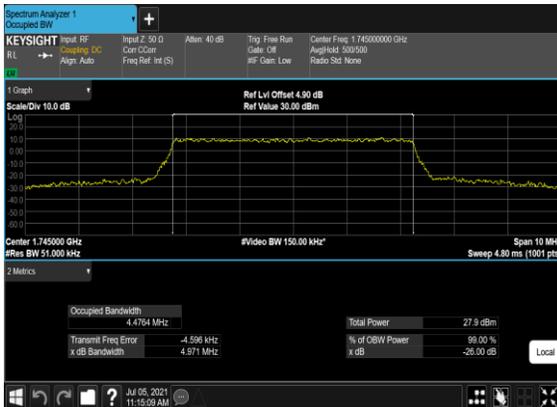
B7_N66(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



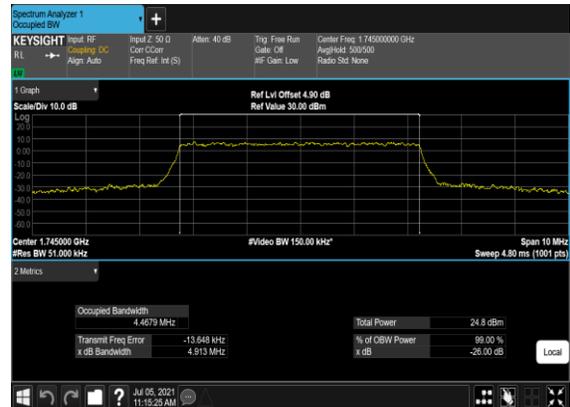
B7_N66(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



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



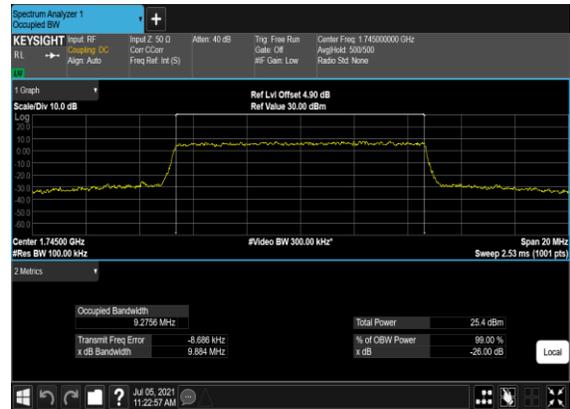
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QAM_Outer_Full_Mid_CH



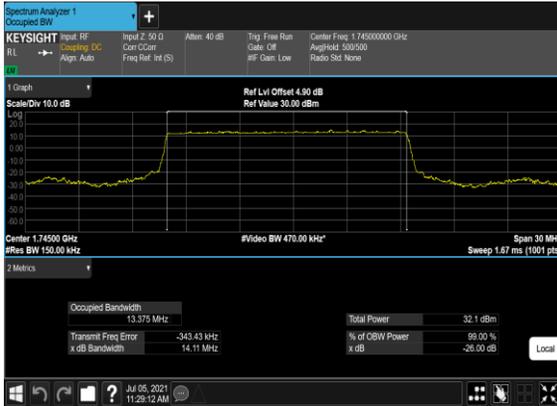
B7_N66(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



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



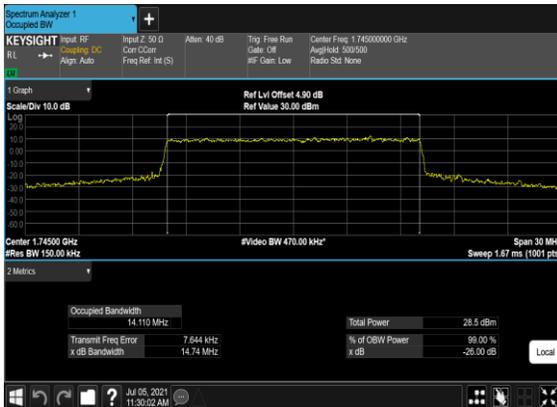
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OFDM_QPSK_Outer_Full_Mid_CH



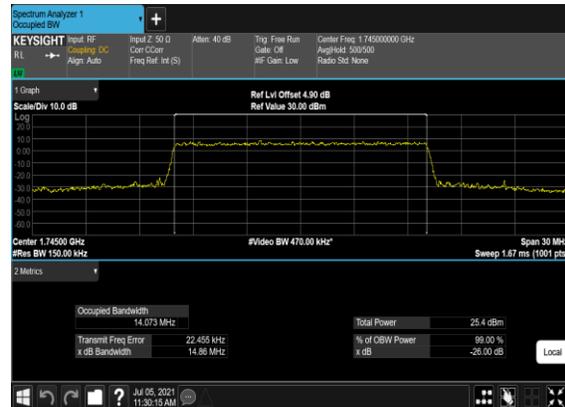
B7_N66(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



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



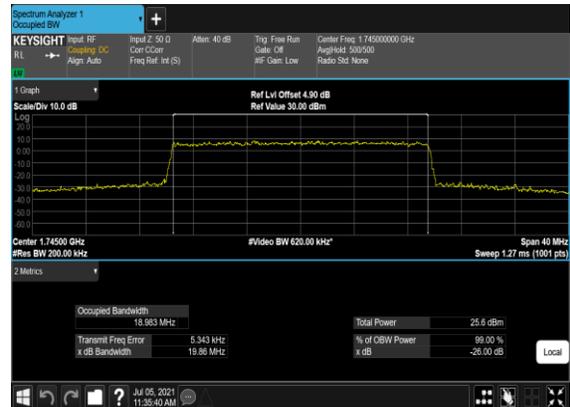
B7_N66(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B7_N66(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B7_N66(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



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



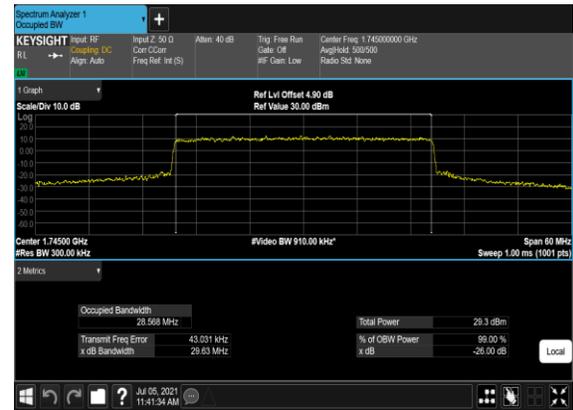
B7_N66(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



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



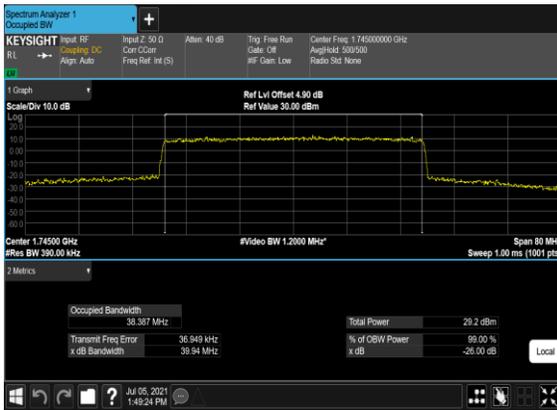
B7_N66(40M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



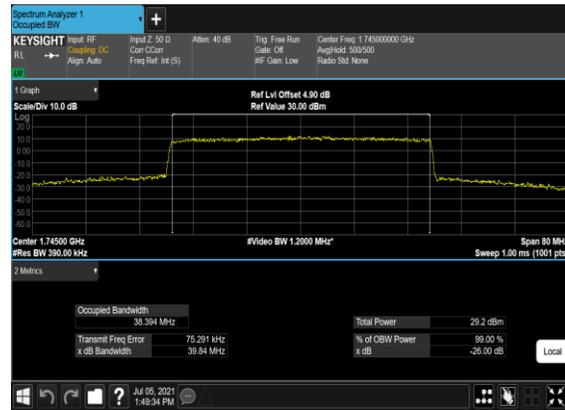
B7_N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



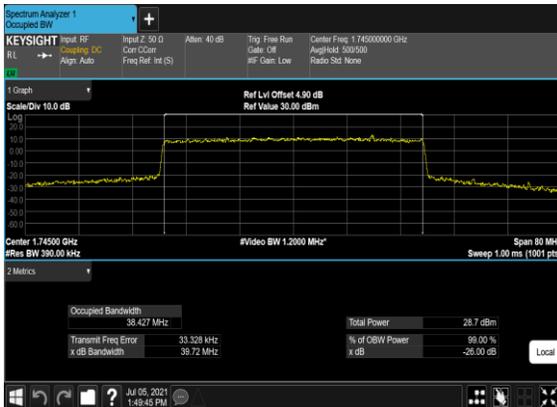
B7_N66(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



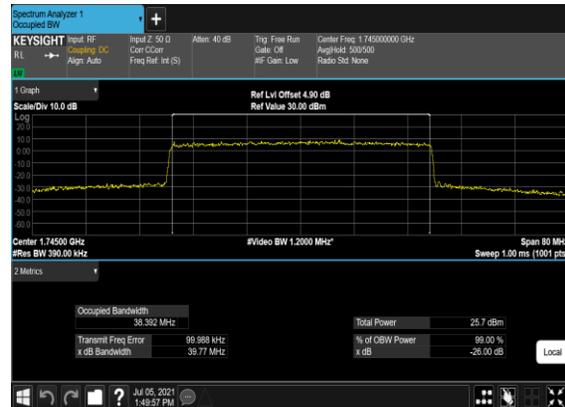
B7_N66(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



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

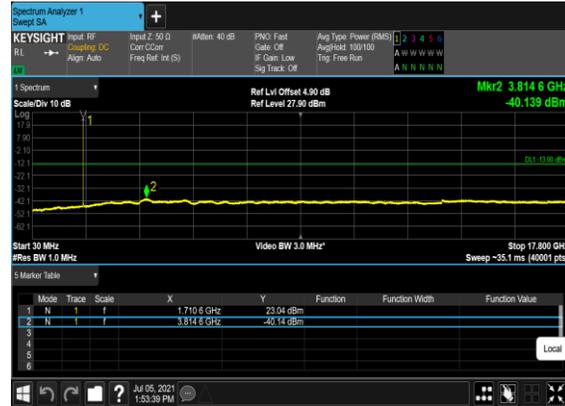
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph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

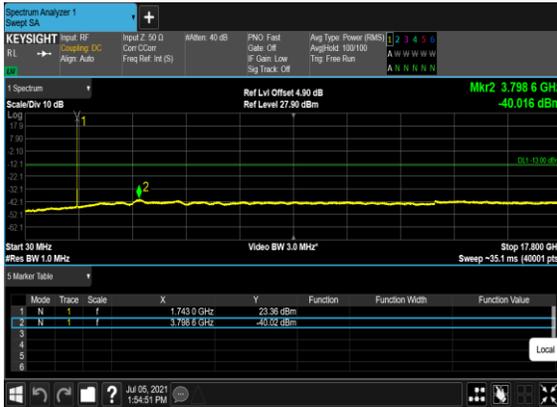
B7_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B7_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



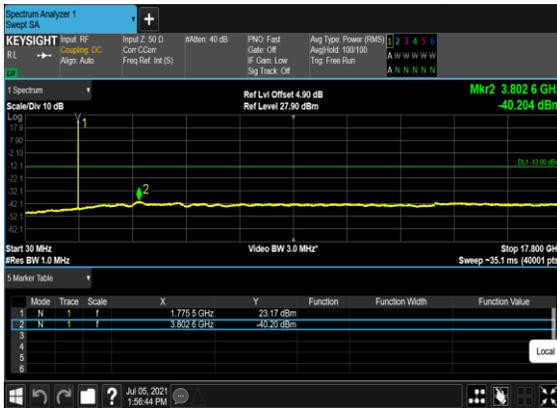
B7_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



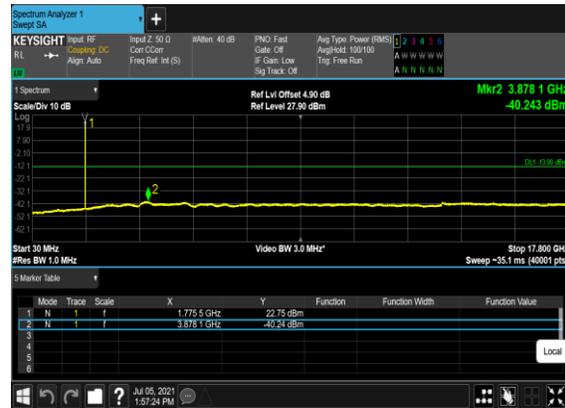
B7_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B7_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



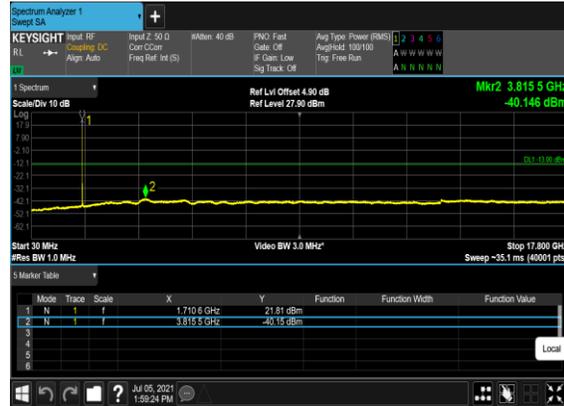
B7_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



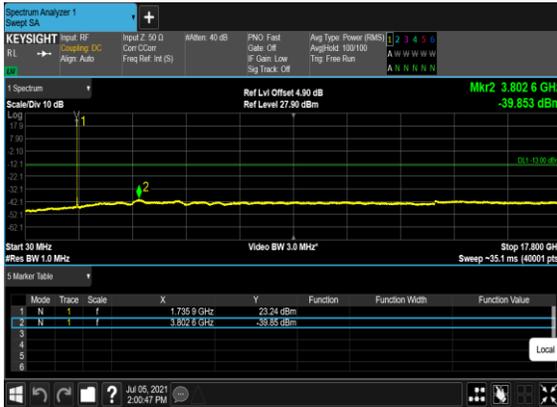
B7_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B7_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



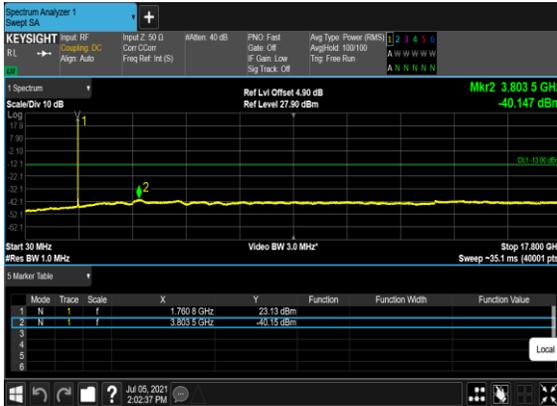
B7_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



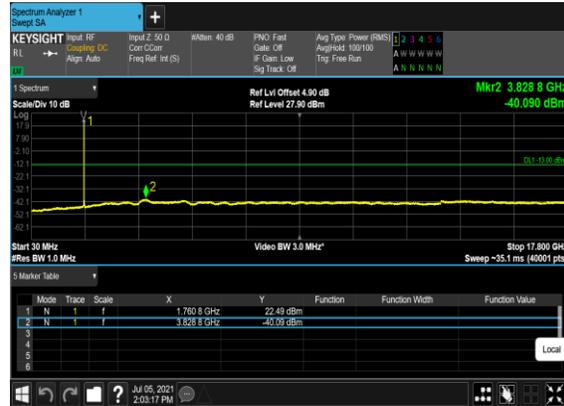
B7_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B7_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B7_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B7_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B7_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



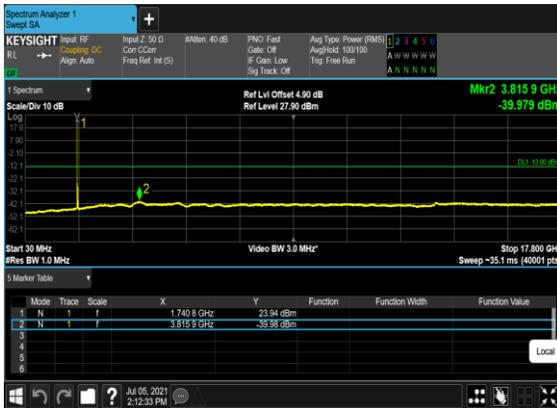
B7_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



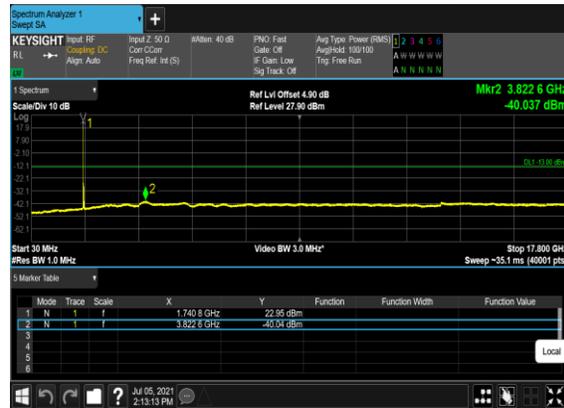
B7_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B7_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B7_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

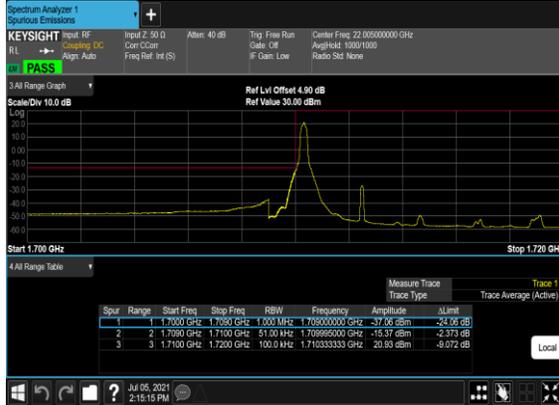


Conducted Band Edge

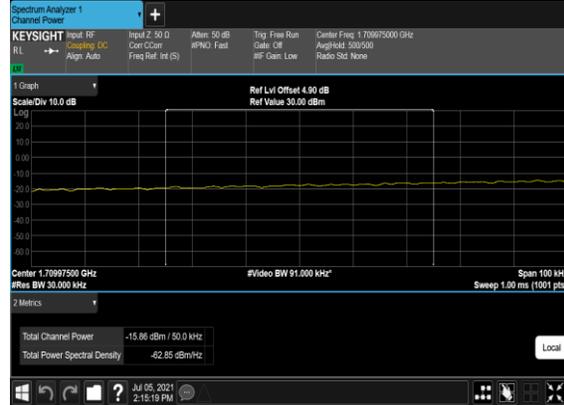
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	25@0	see graph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

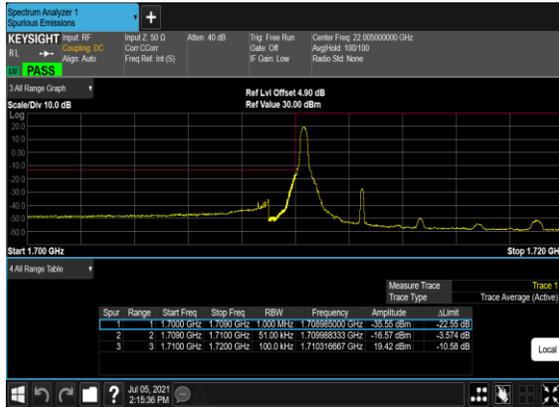
B7_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



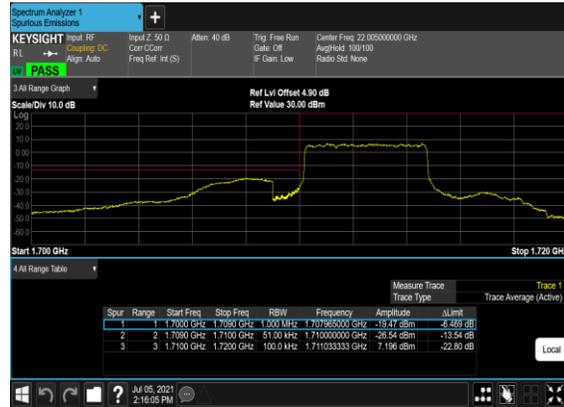
B7_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



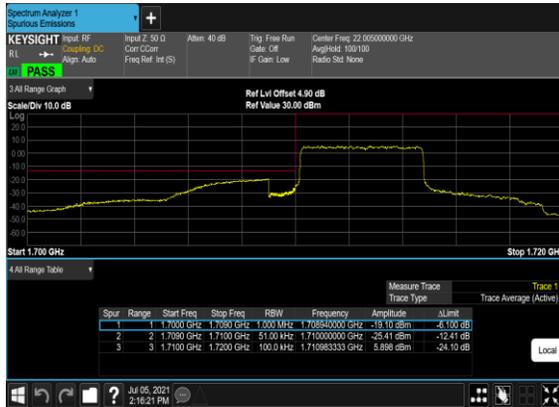
B7_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



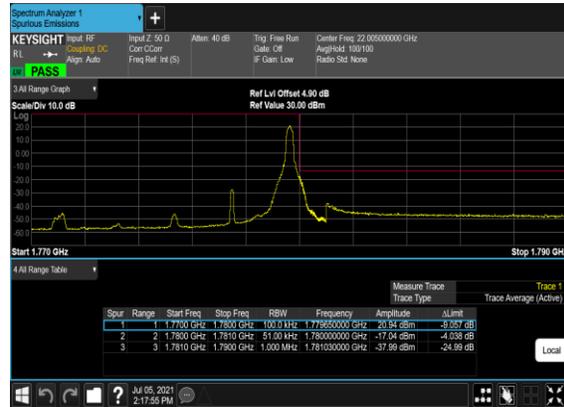
B7_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



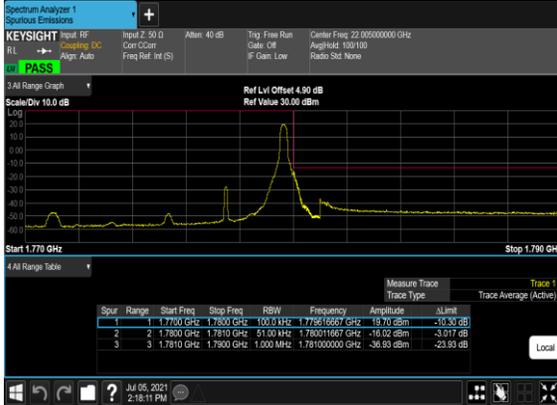
B7_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B7_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B7_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



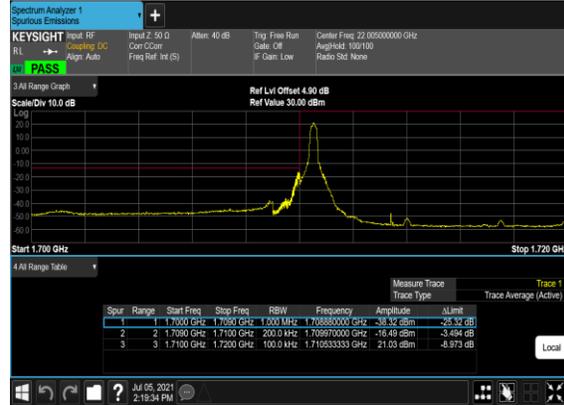
B7_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



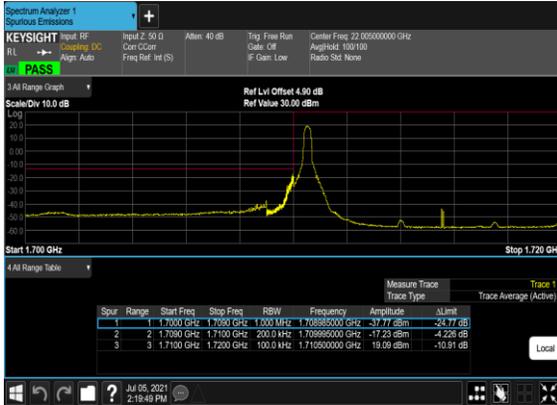
B7_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



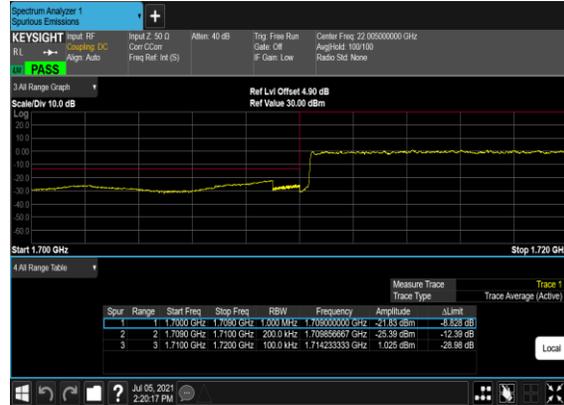
B7_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



B7_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



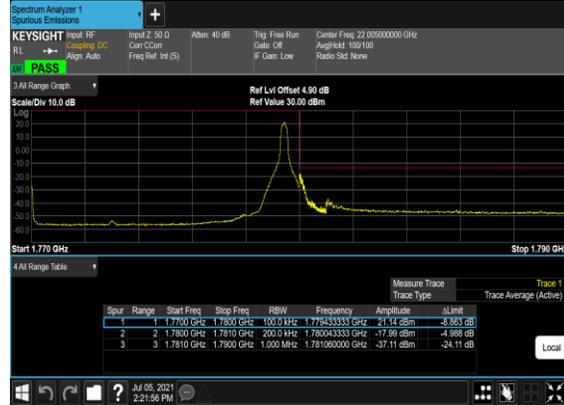
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OFDM_BPSK_Outer_Full_Low_CH



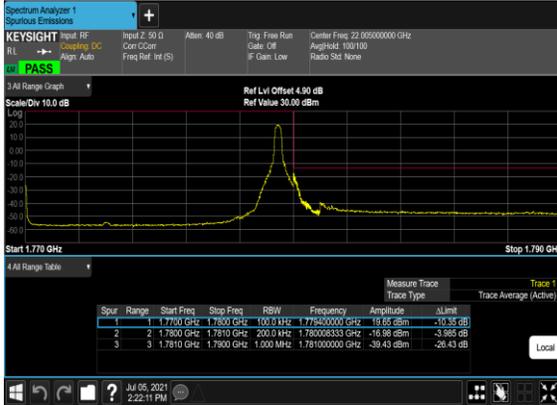
B7_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B7_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B7_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



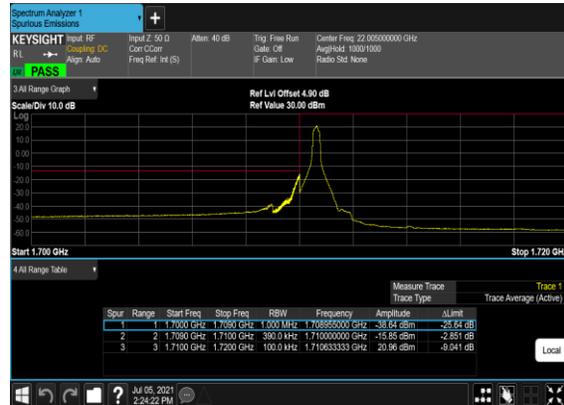
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OFDM_BPSK_Outer_Full_High_CH



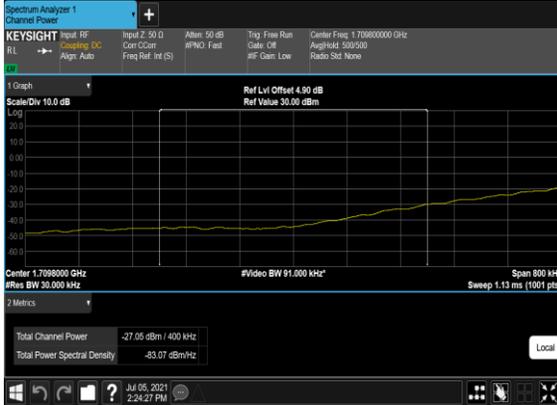
B7_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



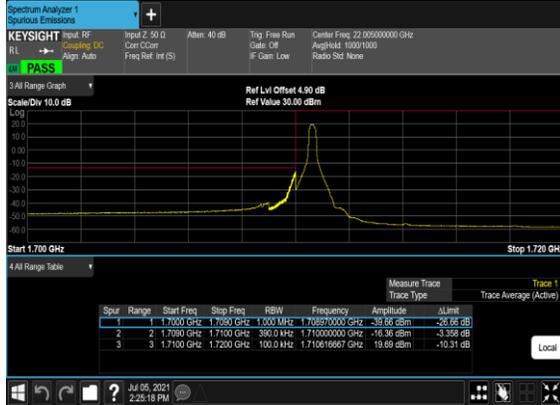
B7_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



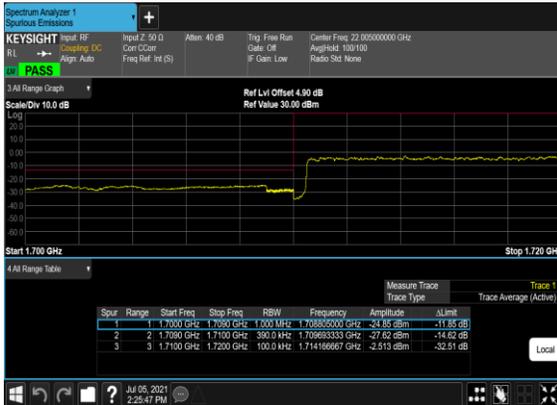
B7_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



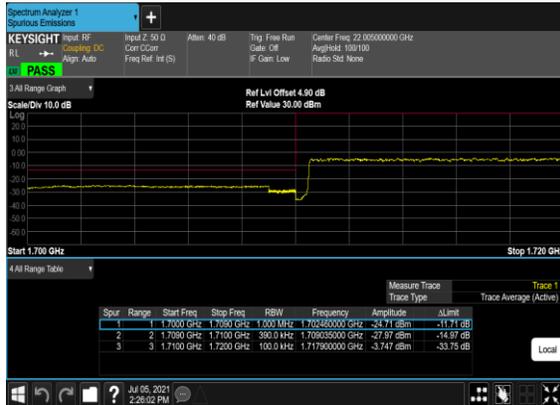
B7_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



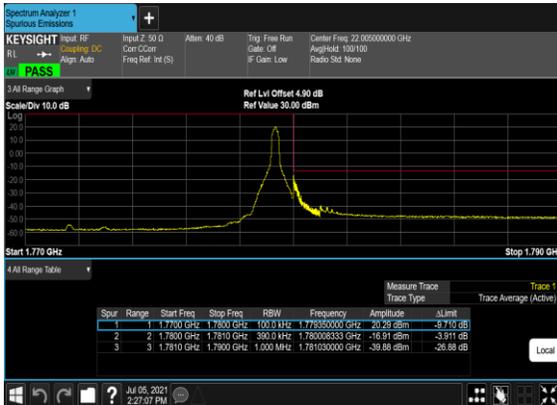
B7_N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



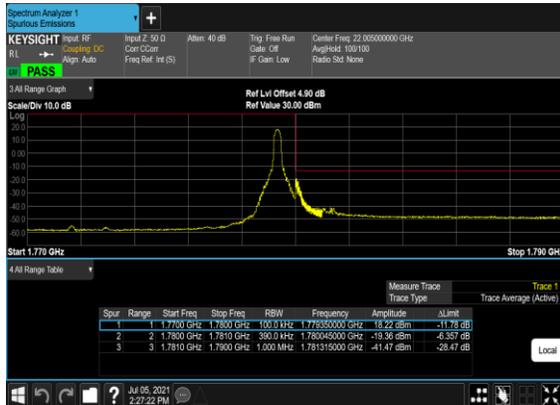
B7_N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B7_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B7_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B7_N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B7_N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

EN-DC_7A_n5A / LTE 10MHz + NR 20MHz / QPSK / ANT1(NR) & ANT2(LTE)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1654	-61.25	-13	-48.25	-68.22	1.58	10.70	H
	2482	-55.62	-13	-42.62	-63.87	2.10	12.50	H
	3312	-57.29	-13	-44.29	-66.18	2.86	13.90	H
	1654	-59.77	-13	-46.77	-66.74	1.58	10.70	V
	2482	-49.91	-13	-36.91	-58.16	2.10	12.50	V
	3312	-57.35	-13	-44.35	-66.24	2.86	13.90	V

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

5G NR n5A / NR 20MHz / QPSK DFT-s-OFDM / ANT1(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-62.46	-13	-49.46	-69.43	1.58	10.70	H
	2482	-58.01	-13	-45.01	-66.26	2.10	12.50	H
	3312	-56.68	-13	-43.68	-65.57	2.86	13.90	H
	1656	-61.59	-13	-48.59	-68.56	1.58	10.70	V
	2482	-55.28	-13	-42.28	-63.53	2.10	12.50	V
	3312	-56.79	-13	-43.79	-65.68	2.86	13.90	V

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



EN-DC_5A_n7A / LTE 10MHz + NR 20MHz / QPSK / ANT2(NR) & ANT3(LTE)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-54.31	-25	-29.31	-64.52	3.03	13.24	H
	7576	-52.45	-25	-27.45	-61.90	3.56	13.01	H
	10100	-62.99	-25	-37.99	-72.51	3.92	13.44	H
	5052	-56.12	-25	-31.12	-66.33	3.03	13.24	V
	7576	-55.85	-25	-30.85	-65.30	3.56	13.01	V
	10100	-63.08	-25	-38.08	-72.60	3.92	13.44	V

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

5G NR n7A / NR 20MHz / QPSK DFT-s-OFDM / ANT4								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-55.23	-25	-30.23	-65.44	3.03	13.24	H
	7576	-59.54	-25	-34.54	-68.99	3.56	13.01	H
	10100	-59.46	-25	-34.46	-68.98	3.92	13.44	H
	5052	-47.28	-25	-22.28	-57.49	3.03	13.24	V
	7576	-60.47	-25	-35.47	-69.92	3.56	13.01	V
	10100	-59.68	-25	-34.68	-69.20	3.92	13.44	V

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



EN-DC_7A_n66A / LTE 10MHz + NR 20MHz / QPSK / ANT2(NR) & ANT5(LTE)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471	-56.77	-13	-43.77	-67.51	2.604	13.34	H
	5208	-54.00	-13	-41.00	-64.51	3.011	13.52	H
	6948	-53.82	-13	-40.82	-64.02	3.271	13.47	H
	3471	-57.25	-13	-44.25	-67.99	2.604	13.34	V
	5208	-54.35	-13	-41.35	-64.86	3.011	13.52	V
	6948	-53.70	-13	-40.70	-63.90	3.271	13.47	V

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

5G NR n66A / NR 20MHz / QPSK DFT-s-OFDM / ANT5								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471	-56.68	-13	-43.68	-67.42	2.604	13.34	H
	5208	-54.84	-13	-41.84	-65.35	3.011	13.52	H
	6948	-54.11	-13	-41.11	-64.31	3.271	13.47	H
	3471	-57.28	-13	-44.28	-68.02	2.604	13.34	V
	5208	-55.01	-13	-42.01	-65.52	3.011	13.52	V
	6948	-54.04	-13	-41.04	-64.24	3.271	13.47	V

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

5G NR n41A / NR 100MHz / QPSK DFT-s-OFDM / ANT 2								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5088	-57.20	-25	-32.20	-67.41	3.03	13.24	H
	7632	-51.93	-25	-26.93	-61.38	3.56	13.01	H
	10190	-59.30	-25	-34.30	-68.82	3.92	13.44	H
	5088	-59.60	-25	-34.60	-69.81	3.03	13.24	V
	7632	-55.89	-25	-30.89	-65.34	3.56	13.01	V
	10190	-57.30	-25	-32.30	-66.82	3.92	13.44	V

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