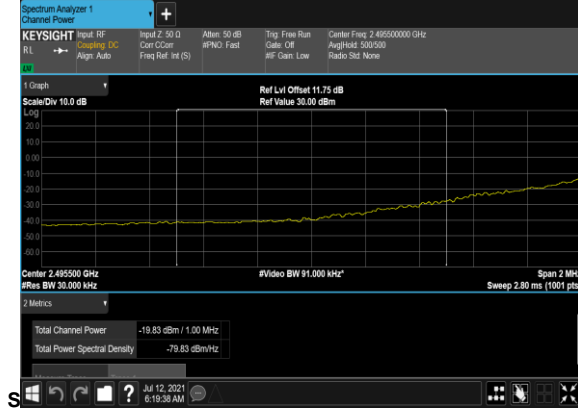
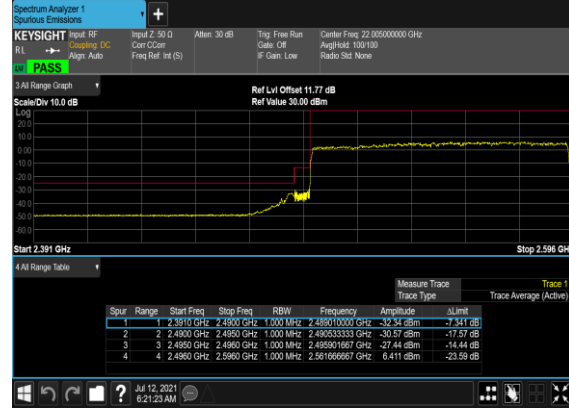


N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PAS



N41(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



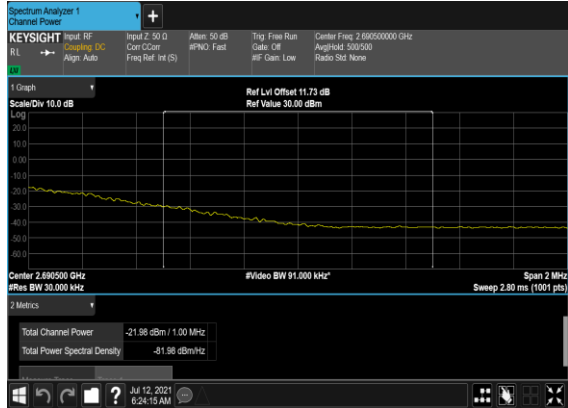
N41(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



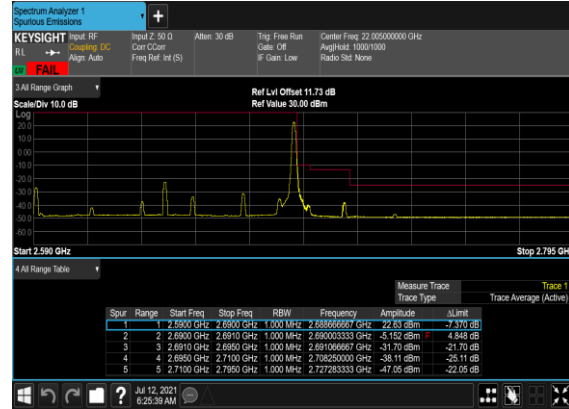
N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



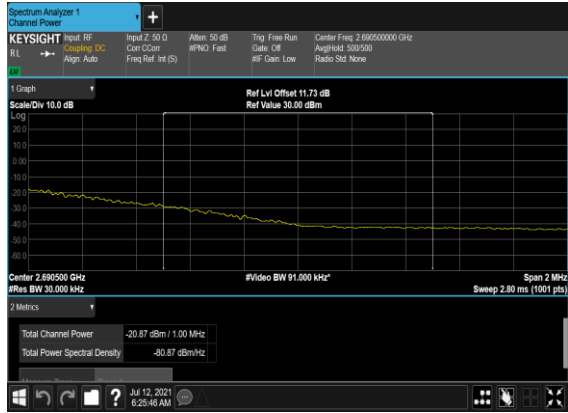
N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_P ASS



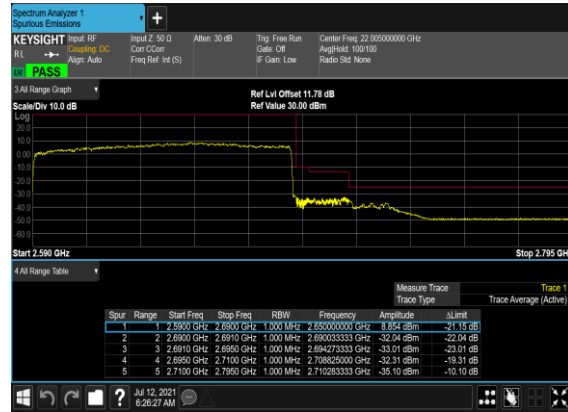
N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



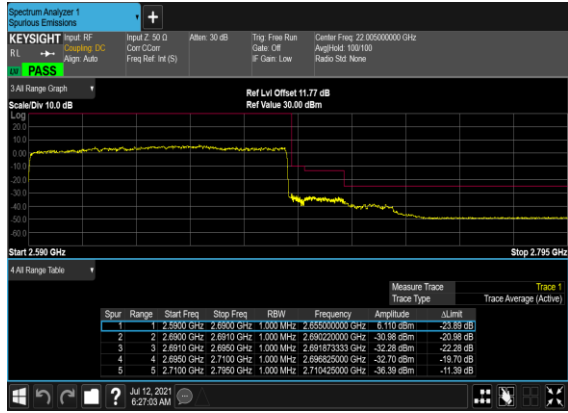
### N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH CHP\_P ASS



### N41(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



### N41(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N66

## Transmitter Conducted Output Power And ERP/EIRP, ( $G_T - L_C$ )=-1.7dB

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	25.18	23.48	0.2228
66	15	5	422500	1712.5	DFT-s-OFDM PI/2 BPSK	1@1	25.18	23.48	0.2228
66	15	5	422500	1712.5	DFT-s-OFDM PI/2 BPSK	1@23	25.19	23.49	0.2234
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	12@6	25.2	23.5	0.2239
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@1	25.33	23.63	0.2307
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@23	25.42	23.72	0.2355
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	12@6	24.19	22.49	0.1774
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	1@1	24.49	22.79	0.1901
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	1@23	24.48	22.78	0.1897
66	15	5	422500	1712.5	DFT-s-OFDM 64 QAM	12@6	22.89	21.19	0.1315
66	15	5	422500	1712.5	DFT-s-OFDM 64 QAM	1@1	23.09	21.39	0.1377
66	15	5	422500	1712.5	DFT-s-OFDM 64 QAM	1@23	22.99	21.29	0.1346
66	15	5	422500	1712.5	DFT-s-OFDM 256 QAM	12@6	20.11	18.41	0.0693
66	15	5	422500	1712.5	DFT-s-OFDM 256 QAM	1@1	20.07	18.37	0.0687
66	15	5	422500	1712.5	DFT-s-OFDM 256 QAM	1@23	20.54	18.84	0.0766
66	15	5	422500	1712.5	CP-OFDM QPSK	13@6	23.75	22.05	0.1603
66	15	5	422500	1712.5	CP-OFDM QPSK	1@1	23.88	22.18	0.1652
66	15	5	422500	1712.5	CP-OFDM QPSK	1@23	23.88	22.18	0.1652
66	15	5	429000	1745	DFT-s-OFDM PI/2 BPSK	12@6	25.21	23.51	0.2244

66	15	5	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	25.13	23.43	0.2203
66	15	5	429000	1745	DFT-s-OFDM PI/2 BPSK	1@23	25.16	23.46	0.2218
66	15	5	429000	1745	DFT-s-OFDM QPSK	12@6	25.22	23.52	0.2249
66	15	5	429000	1745	DFT-s-OFDM QPSK	1@1	25.33	23.63	0.2307
66	15	5	429000	1745	DFT-s-OFDM QPSK	1@23	25.46	23.76	0.2377
66	15	5	429000	1745	DFT-s-OFDM 16 QAM	12@6	24.1	22.4	0.1738
66	15	5	429000	1745	DFT-s-OFDM 16 QAM	1@1	24.53	22.83	0.1919
66	15	5	429000	1745	DFT-s-OFDM 16 QAM	1@23	24.13	22.43	0.1750
66	15	5	429000	1745	DFT-s-OFDM 64 QAM	12@6	22.87	21.17	0.1309
66	15	5	429000	1745	DFT-s-OFDM 64 QAM	1@1	23.05	21.35	0.1365
66	15	5	429000	1745	DFT-s-OFDM 64 QAM	1@23	23.03	21.33	0.1358
66	15	5	429000	1745	DFT-s-OFDM 256 QAM	12@6	20.54	18.84	0.0766
66	15	5	429000	1745	DFT-s-OFDM 256 QAM	1@1	20.92	19.22	0.0836
66	15	5	429000	1745	DFT-s-OFDM 256 QAM	1@23	20.5	18.8	0.0759
66	15	5	429000	1745	CP-OFDM QPSK	13@6	23.74	22.04	0.1600
66	15	5	429000	1745	CP-OFDM QPSK	1@1	23.79	22.09	0.1618
66	15	5	429000	1745	CP-OFDM QPSK	1@23	24.04	22.34	0.1714
66	15	5	435500	1777.5	DFT-s-OFDM PI/2 BPSK	12@6	25.15	23.45	0.2213
66	15	5	435500	1777.5	DFT-s-OFDM PI/2 BPSK	1@1	25.07	23.37	0.2173
66	15	5	435500	1777.5	DFT-s-OFDM PI/2 BPSK	1@23	25.13	23.43	0.2203
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	12@6	25.15	23.45	0.2213
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@1	25.29	23.59	0.2286
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@23	25.39	23.69	0.2339
66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	12@6	24.13	22.43	0.1750

66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	1@1	24.43	22.73	0.1875
66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	1@23	24.23	22.53	0.1791
66	15	5	435500	1777.5	DFT-s-OFDM 64 QAM	12@6	23.14	21.44	0.1393
66	15	5	435500	1777.5	DFT-s-OFDM 64 QAM	1@1	22.5	20.8	0.1202
66	15	5	435500	1777.5	DFT-s-OFDM 64 QAM	1@23	22.96	21.26	0.1337
66	15	5	435500	1777.5	DFT-s-OFDM 256 QAM	12@6	20.18	18.48	0.0705
66	15	5	435500	1777.5	DFT-s-OFDM 256 QAM	1@1	20.41	18.71	0.0743
66	15	5	435500	1777.5	DFT-s-OFDM 256 QAM	1@23	20.9	19.2	0.0832
66	15	5	435500	1777.5	CP-OFDM QPSK	13@6	23.68	21.98	0.1578
66	15	5	435500	1777.5	CP-OFDM QPSK	1@1	23.7	22	0.1585
66	15	5	435500	1777.5	CP-OFDM QPSK	1@23	23.7	22	0.1585
66	15	10	423000	1715	DFT-s-OFDM PI/2 BPSK	25@12	25.28	23.58	0.2280
66	15	10	423000	1715	DFT-s-OFDM PI/2 BPSK	1@1	25.24	23.54	0.2259
66	15	10	423000	1715	DFT-s-OFDM PI/2 BPSK	1@50	25.25	23.55	0.2265
66	15	10	423000	1715	DFT-s-OFDM QPSK	25@12	25.31	23.61	0.2296
66	15	10	423000	1715	DFT-s-OFDM QPSK	1@1	25.52	23.82	0.2410
66	15	10	423000	1715	DFT-s-OFDM QPSK	1@50	25.48	23.78	0.2388
66	15	10	423000	1715	DFT-s-OFDM 16 QAM	25@12	24.35	22.65	0.1841
66	15	10	423000	1715	DFT-s-OFDM 16 QAM	1@1	24.57	22.87	0.1936
66	15	10	423000	1715	DFT-s-OFDM 16 QAM	1@50	24.55	22.85	0.1928
66	15	10	423000	1715	DFT-s-OFDM 64 QAM	25@12	22.99	21.29	0.1346
66	15	10	423000	1715	DFT-s-OFDM 64 QAM	1@1	23.06	21.36	0.1368
66	15	10	423000	1715	DFT-s-OFDM 64 QAM	1@50	23.07	21.37	0.1371
66	15	10	423000	1715	DFT-s-OFDM 256 QAM	25@12	19.89	18.19	0.0659

66	15	10	423000	1715	DFT-s-OFDM 256 QAM	1@1	20.01	18.31	0.0678
66	15	10	423000	1715	DFT-s-OFDM 256 QAM	1@50	19.92	18.22	0.0664
66	15	10	423000	1715	CP-OFDM QPSK	26@13	23.78	22.08	0.1614
66	15	10	423000	1715	CP-OFDM QPSK	1@1	23.92	22.22	0.1667
66	15	10	423000	1715	CP-OFDM QPSK	1@50	23.91	22.21	0.1663
66	15	10	429000	1745	DFT-s-OFDM PI/2 BPSK	25@12	25.19	23.49	0.2234
66	15	10	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	25.16	23.46	0.2218
66	15	10	429000	1745	DFT-s-OFDM PI/2 BPSK	1@50	25.21	23.51	0.2244
66	15	10	429000	1745	DFT-s-OFDM QPSK	25@12	25.23	23.53	0.2254
66	15	10	429000	1745	DFT-s-OFDM QPSK	1@1	25.43	23.73	0.2360
66	15	10	429000	1745	DFT-s-OFDM QPSK	1@50	25.46	23.76	0.2377
66	15	10	429000	1745	DFT-s-OFDM 16 QAM	25@12	24.61	22.91	0.1954
66	15	10	429000	1745	DFT-s-OFDM 16 QAM	1@1	24.58	22.88	0.1941
66	15	10	429000	1745	DFT-s-OFDM 16 QAM	1@50	24.61	22.91	0.1954
66	15	10	429000	1745	DFT-s-OFDM 64 QAM	25@12	22.99	21.29	0.1346
66	15	10	429000	1745	DFT-s-OFDM 64 QAM	1@1	23	21.3	0.1349
66	15	10	429000	1745	DFT-s-OFDM 64 QAM	1@50	22.59	20.89	0.1227
66	15	10	429000	1745	DFT-s-OFDM 256 QAM	25@12	20.15	18.45	0.0700
66	15	10	429000	1745	DFT-s-OFDM 256 QAM	1@1	20.22	18.52	0.0711
66	15	10	429000	1745	DFT-s-OFDM 256 QAM	1@50	20.56	18.86	0.0769
66	15	10	429000	1745	CP-OFDM QPSK	26@13	23.69	21.99	0.1581
66	15	10	429000	1745	CP-OFDM QPSK	1@1	24.1	22.4	0.1738
66	15	10	429000	1745	CP-OFDM QPSK	1@50	23.81	22.11	0.1626
66	15	10	435000	1775	DFT-s-OFDM PI/2 BPSK	25@12	25.13	23.43	0.2203

66	15	10	435000	1775	DFT-s-OFDM PI/2 BPSK	1@1	25.1	23.4	0.2188
66	15	10	435000	1775	DFT-s-OFDM PI/2 BPSK	1@50	25.1	23.4	0.2188
66	15	10	435000	1775	DFT-s-OFDM QPSK	25@12	25.2	23.5	0.2239
66	15	10	435000	1775	DFT-s-OFDM QPSK	1@1	25.06	23.36	0.2168
66	15	10	435000	1775	DFT-s-OFDM QPSK	1@50	25.12	23.42	0.2198
66	15	10	435000	1775	DFT-s-OFDM 16 QAM	25@12	24.32	22.62	0.1828
66	15	10	435000	1775	DFT-s-OFDM 16 QAM	1@1	23.68	21.98	0.1578
66	15	10	435000	1775	DFT-s-OFDM 16 QAM	1@50	24.05	22.35	0.1718
66	15	10	435000	1775	DFT-s-OFDM 64 QAM	25@12	23.34	21.64	0.1459
66	15	10	435000	1775	DFT-s-OFDM 64 QAM	1@1	22.93	21.23	0.1327
66	15	10	435000	1775	DFT-s-OFDM 64 QAM	1@50	22.95	21.25	0.1334
66	15	10	435000	1775	DFT-s-OFDM 256 QAM	25@12	20.18	18.48	0.0705
66	15	10	435000	1775	DFT-s-OFDM 256 QAM	1@1	20.4	18.7	0.0741
66	15	10	435000	1775	DFT-s-OFDM 256 QAM	1@50	20.98	19.28	0.0847
66	15	10	435000	1775	CP-OFDM QPSK	26@13	23.6	21.9	0.1549
66	15	10	435000	1775	CP-OFDM QPSK	1@1	23.84	22.14	0.1637
66	15	10	435000	1775	CP-OFDM QPSK	1@50	23.74	22.04	0.1600
66	15	15	423500	1717.5	DFT-s-OFDM PI/2 BPSK	36@18	25.21	23.51	0.2244
66	15	15	423500	1717.5	DFT-s-OFDM PI/2 BPSK	1@1	25.24	23.54	0.2259
66	15	15	423500	1717.5	DFT-s-OFDM PI/2 BPSK	1@77	25.24	23.54	0.2259
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	36@18	25.23	23.53	0.2254
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	1@1	25.6	23.9	0.2455
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	1@77	25.59	23.89	0.2449
66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	36@18	24.31	22.61	0.1824

66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	1@1	24.53	22.83	0.1919
66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	1@77	24.72	23.02	0.2004
66	15	15	423500	1717.5	DFT-s-OFDM 64 QAM	36@18	22.92	21.22	0.1324
66	15	15	423500	1717.5	DFT-s-OFDM 64 QAM	1@1	23.24	21.54	0.1426
66	15	15	423500	1717.5	DFT-s-OFDM 64 QAM	1@77	22.75	21.05	0.1274
66	15	15	423500	1717.5	DFT-s-OFDM 256 QAM	36@18	19.55	17.85	0.0610
66	15	15	423500	1717.5	DFT-s-OFDM 256 QAM	1@1	21.75	20.05	0.1012
66	15	15	423500	1717.5	DFT-s-OFDM 256 QAM	1@77	20.11	18.41	0.0693
66	15	15	423500	1717.5	CP-OFDM QPSK	39@191	22.26	20.56	0.1138
66	15	15	423500	1717.5	CP-OFDM QPSK	1@1	23.72	22.02	0.1592
66	15	15	423500	1717.5	CP-OFDM QPSK	1@77	23.67	21.97	0.1574
66	15	15	429000	1745	DFT-s-OFDM PI/2 BPSK	36@18	25.11	23.41	0.2193
66	15	15	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	25.1	23.4	0.2188
66	15	15	429000	1745	DFT-s-OFDM PI/2 BPSK	1@77	25.15	23.45	0.2213
66	15	15	429000	1745	DFT-s-OFDM QPSK	36@18	25.18	23.48	0.2228
66	15	15	429000	1745	DFT-s-OFDM QPSK	1@1	25.25	23.55	0.2265
66	15	15	429000	1745	DFT-s-OFDM QPSK	1@77	25.41	23.71	0.2350
66	15	15	429000	1745	DFT-s-OFDM 16 QAM	36@18	23.98	22.28	0.1690
66	15	15	429000	1745	DFT-s-OFDM 16 QAM	1@1	24.24	22.54	0.1795
66	15	15	429000	1745	DFT-s-OFDM 16 QAM	1@77	24.35	22.65	0.1841
66	15	15	429000	1745	DFT-s-OFDM 64 QAM	36@18	22.84	21.14	0.1300
66	15	15	429000	1745	DFT-s-OFDM 64 QAM	1@1	22.5	20.8	0.1202
66	15	15	429000	1745	DFT-s-OFDM 64 QAM	1@77	23.34	21.64	0.1459
66	15	15	429000	1745	DFT-s-OFDM 256 QAM	36@18	20.44	18.74	0.0748



66	15	15	429000	1745	DFT-s-OFDM 256 QAM	1@1	20.41	18.71	0.0743
66	15	15	429000	1745	DFT-s-OFDM 256 QAM	1@77	20.97	19.27	0.0845
66	15	15	429000	1745	CP-OFDM QPSK	39@191	22.17	20.47	0.1114
66	15	15	429000	1745	CP-OFDM QPSK	1@1	23.79	22.09	0.1618
66	15	15	429000	1745	CP-OFDM QPSK	1@77	23.68	21.98	0.1578
66	15	15	434500	1772.5	DFT-s-OFDM PI/2 BPSK	36@18	24.99	23.29	0.2133
66	15	15	434500	1772.5	DFT-s-OFDM PI/2 BPSK	1@1	24.92	23.22	0.2099
66	15	15	434500	1772.5	DFT-s-OFDM PI/2 BPSK	1@77	25.05	23.35	0.2163
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	36@18	25	23.3	0.2138
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	1@1	25.3	23.6	0.2291
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	1@77	25.56	23.86	0.2432
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	36@18	24.37	22.67	0.1849
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	1@1	24.64	22.94	0.1968
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	1@77	24.39	22.69	0.1858
66	15	15	434500	1772.5	DFT-s-OFDM 64 QAM	36@18	22.19	20.49	0.1119
66	15	15	434500	1772.5	DFT-s-OFDM 64 QAM	1@1	22.75	21.05	0.1274
66	15	15	434500	1772.5	DFT-s-OFDM 64 QAM	1@77	23	21.3	0.1349
66	15	15	434500	1772.5	DFT-s-OFDM 256 QAM	36@18	19.99	18.29	0.0675
66	15	15	434500	1772.5	DFT-s-OFDM 256 QAM	1@1	19.83	18.13	0.0650
66	15	15	434500	1772.5	DFT-s-OFDM 256 QAM	1@77	20.91	19.21	0.0834
66	15	15	434500	1772.5	CP-OFDM QPSK	39@191	21.98	20.28	0.1067
66	15	15	434500	1772.5	CP-OFDM QPSK	1@1	23.4	21.7	0.1479
66	15	15	434500	1772.5	CP-OFDM QPSK	1@77	23.31	21.61	0.1449
66	15	20	424000	1720	DFT-s-OFDM PI/2 BPSK	50@25	25.16	23.46	0.2218

66	15	20	424000	1720	DFT-s-OFDM PI/2 BPSK	1@1	25.23	23.53	0.2254
66	15	20	424000	1720	DFT-s-OFDM PI/2 BPSK	1@104	25.21	23.51	0.2244
66	15	20	424000	1720	DFT-s-OFDM QPSK	50@25	25.24	23.54	0.2259
66	15	20	424000	1720	DFT-s-OFDM QPSK	1@1	25.18	23.48	0.2228
66	15	20	424000	1720	DFT-s-OFDM QPSK	1@104	25.54	23.84	0.2421
66	15	20	424000	1720	DFT-s-OFDM 16 QAM	50@25	24.3	22.6	0.1820
66	15	20	424000	1720	DFT-s-OFDM 16 QAM	1@1	24.54	22.84	0.1923
66	15	20	424000	1720	DFT-s-OFDM 16 QAM	1@104	24.29	22.59	0.1816
66	15	20	424000	1720	DFT-s-OFDM 64 QAM	50@25	22.87	21.17	0.1309
66	15	20	424000	1720	DFT-s-OFDM 64 QAM	1@1	23.12	21.42	0.1387
66	15	20	424000	1720	DFT-s-OFDM 64 QAM	1@104	23.01	21.31	0.1352
66	15	20	424000	1720	DFT-s-OFDM 256 QAM	50@25	21.62	19.92	0.0982
66	15	20	424000	1720	DFT-s-OFDM 256 QAM	1@1	21.7	20	0.1000
66	15	20	424000	1720	DFT-s-OFDM 256 QAM	1@104	21.06	19.36	0.0863
66	15	20	424000	1720	CP-OFDM QPSK	53@26	23.86	22.16	0.1644
66	15	20	424000	1720	CP-OFDM QPSK	1@1	24.05	22.35	0.1718
66	15	20	424000	1720	CP-OFDM QPSK	1@104	23.79	22.09	0.1618
66	15	20	429000	1745	DFT-s-OFDM PI/2 BPSK	50@25	25.23	23.53	0.2254
66	15	20	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	25.13	23.43	0.2203
66	15	20	429000	1745	DFT-s-OFDM PI/2 BPSK	1@104	25.18	23.48	0.2228
66	15	20	429000	1745	DFT-s-OFDM QPSK	50@25	25.19	23.49	0.2234
66	15	20	429000	1745	DFT-s-OFDM QPSK	1@1	25.57	23.87	0.2438
66	15	20	429000	1745	DFT-s-OFDM QPSK	1@104	25.62	23.92	0.2466
66	15	20	429000	1745	DFT-s-OFDM 16 QAM	50@25	24.51	22.81	0.1910

66	15	20	429000	1745	DFT-s-OFDM 16 QAM	1@1	23.95	22.25	0.1679
66	15	20	429000	1745	DFT-s-OFDM 16 QAM	1@104	24.19	22.49	0.1774
66	15	20	429000	1745	DFT-s-OFDM 64 QAM	50@25	22.85	21.15	0.1303
66	15	20	429000	1745	DFT-s-OFDM 64 QAM	1@1	22.77	21.07	0.1279
66	15	20	429000	1745	DFT-s-OFDM 64 QAM	1@104	23.18	21.48	0.1406
66	15	20	429000	1745	DFT-s-OFDM 256 QAM	50@25	20.12	18.42	0.0695
66	15	20	429000	1745	DFT-s-OFDM 256 QAM	1@1	20.24	18.54	0.0714
66	15	20	429000	1745	DFT-s-OFDM 256 QAM	1@104	19.94	18.24	0.0667
66	15	20	429000	1745	CP-OFDM QPSK	53@26	23.68	21.98	0.1578
66	15	20	429000	1745	CP-OFDM QPSK	1@1	23.59	21.89	0.1545
66	15	20	429000	1745	CP-OFDM QPSK	1@104	23.53	21.83	0.1524
66	15	20	434000	1770	DFT-s-OFDM PI/2 BPSK	50@25	24.97	23.27	0.2123
66	15	20	434000	1770	DFT-s-OFDM PI/2 BPSK	1@1	25.04	23.34	0.2158
66	15	20	434000	1770	DFT-s-OFDM PI/2 BPSK	1@104	25.13	23.43	0.2203
66	15	20	434000	1770	DFT-s-OFDM QPSK	50@25	25.01	23.31	0.2143
66	15	20	434000	1770	DFT-s-OFDM QPSK	1@1	25.29	23.59	0.2286
66	15	20	434000	1770	DFT-s-OFDM QPSK	1@104	25.21	23.51	0.2244
66	15	20	434000	1770	DFT-s-OFDM 16 QAM	50@25	23.84	22.14	0.1637
66	15	20	434000	1770	DFT-s-OFDM 16 QAM	1@1	24.36	22.66	0.1845
66	15	20	434000	1770	DFT-s-OFDM 16 QAM	1@104	24.82	23.12	0.2051
66	15	20	434000	1770	DFT-s-OFDM 64 QAM	50@25	23.13	21.43	0.1390
66	15	20	434000	1770	DFT-s-OFDM 64 QAM	1@1	23.22	21.52	0.1419
66	15	20	434000	1770	DFT-s-OFDM 64 QAM	1@104	22.98	21.28	0.1343
66	15	20	434000	1770	DFT-s-OFDM 256 QAM	50@25	20.62	18.92	0.0780

66	15	20	434000	1770	DFT-s-OFDM 256 QAM	1@1	20.28	18.58	0.0721
66	15	20	434000	1770	DFT-s-OFDM 256 QAM	1@104	20.93	19.23	0.0838
66	15	20	434000	1770	CP-OFDM QPSK	53@26	23.41	21.71	0.1483
66	15	20	434000	1770	CP-OFDM QPSK	1@1	23.62	21.92	0.1556
66	15	20	434000	1770	CP-OFDM QPSK	1@104	23.7	22	0.1585
66	15	30	425000	1725	DFT-s-OFDM PI/2 BPSK	80@40	25.31	23.61	0.2296
66	15	30	425000	1725	DFT-s-OFDM PI/2 BPSK	1@1	25.31	23.61	0.2296
66	15	30	425000	1725	DFT-s-OFDM PI/2 BPSK	1@158	25.26	23.56	0.2270
66	15	30	425000	1725	DFT-s-OFDM QPSK	80@40	25.31	23.61	0.2296
66	15	30	425000	1725	DFT-s-OFDM QPSK	1@1	25.6	23.9	0.2455
66	15	30	425000	1725	DFT-s-OFDM QPSK	1@158	25.65	23.95	0.2483
66	15	30	425000	1725	DFT-s-OFDM 16 QAM	80@40	24.37	22.67	0.1849
66	15	30	425000	1725	DFT-s-OFDM 16 QAM	1@1	25.05	23.35	0.2163
66	15	30	425000	1725	DFT-s-OFDM 16 QAM	1@158	24.55	22.85	0.1928
66	15	30	425000	1725	DFT-s-OFDM 64 QAM	80@40	22.92	21.22	0.1324
66	15	30	425000	1725	DFT-s-OFDM 64 QAM	1@1	23.79	22.09	0.1618
66	15	30	425000	1725	DFT-s-OFDM 64 QAM	1@158	22.68	20.98	0.1253
66	15	30	425000	1725	DFT-s-OFDM 256 QAM	80@40	20.87	19.17	0.0826
66	15	30	425000	1725	DFT-s-OFDM 256 QAM	1@1	21.48	19.78	0.0951
66	15	30	425000	1725	DFT-s-OFDM 256 QAM	1@158	20.28	18.58	0.0721
66	15	30	425000	1725	CP-OFDM QPSK	80@40	23.84	22.14	0.1637
66	15	30	425000	1725	CP-OFDM QPSK	1@1	23.92	22.22	0.1667
66	15	30	425000	1725	CP-OFDM QPSK	1@158	23.84	22.14	0.1637
66	15	30	429000	1745	DFT-s-OFDM PI/2 BPSK	80@40	25.26	23.56	0.2270

66	15	30	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	25.2	23.5	0.2239
66	15	30	429000	1745	DFT-s-OFDM PI/2 BPSK	1@158	25.32	23.62	0.2301
66	15	30	429000	1745	DFT-s-OFDM QPSK	80@40	25.28	23.58	0.2280
66	15	30	429000	1745	DFT-s-OFDM QPSK	1@1	25.62	23.92	0.2466
66	15	30	429000	1745	DFT-s-OFDM QPSK	1@158	25.59	23.89	0.2449
66	15	30	429000	1745	DFT-s-OFDM 16 QAM	80@40	24.41	22.71	0.1866
66	15	30	429000	1745	DFT-s-OFDM 16 QAM	1@1	24.25	22.55	0.1799
66	15	30	429000	1745	DFT-s-OFDM 16 QAM	1@158	24.15	22.45	0.1758
66	15	30	429000	1745	DFT-s-OFDM 64 QAM	80@40	22.41	20.71	0.1178
66	15	30	429000	1745	DFT-s-OFDM 64 QAM	1@1	23.01	21.31	0.1352
66	15	30	429000	1745	DFT-s-OFDM 64 QAM	1@158	21.83	20.13	0.1030
66	15	30	429000	1745	DFT-s-OFDM 256 QAM	80@40	20.46	18.76	0.0752
66	15	30	429000	1745	DFT-s-OFDM 256 QAM	1@1	20.54	18.84	0.0766
66	15	30	429000	1745	DFT-s-OFDM 256 QAM	1@158	20.64	18.94	0.0783
66	15	30	429000	1745	CP-OFDM QPSK	80@40	23.65	21.95	0.1567
66	15	30	429000	1745	CP-OFDM QPSK	1@1	23.82	22.12	0.1629
66	15	30	429000	1745	CP-OFDM QPSK	1@158	23.97	22.27	0.1687
66	15	30	433000	1765	DFT-s-OFDM PI/2 BPSK	80@40	25.18	23.48	0.2228
66	15	30	433000	1765	DFT-s-OFDM PI/2 BPSK	1@1	25.18	23.48	0.2228
66	15	30	433000	1765	DFT-s-OFDM PI/2 BPSK	1@158	25.1	23.4	0.2188
66	15	30	433000	1765	DFT-s-OFDM QPSK	80@40	25.28	23.58	0.2280
66	15	30	433000	1765	DFT-s-OFDM QPSK	1@1	25.66	23.96	0.2489
66	15	30	433000	1765	DFT-s-OFDM QPSK	1@158	25.42	23.72	0.2355
66	15	30	433000	1765	DFT-s-OFDM 16 QAM	80@40	24.36	22.66	0.1845

66	15	30	433000	1765	DFT-s-OFDM 16 QAM	1@1	24.56	22.86	0.1932
66	15	30	433000	1765	DFT-s-OFDM 16 QAM	1@158	24.48	22.78	0.1897
66	15	30	433000	1765	DFT-s-OFDM 64 QAM	80@40	22.82	21.12	0.1294
66	15	30	433000	1765	DFT-s-OFDM 64 QAM	1@1	23.04	21.34	0.1361
66	15	30	433000	1765	DFT-s-OFDM 64 QAM	1@158	22.29	20.59	0.1146
66	15	30	433000	1765	DFT-s-OFDM 256 QAM	80@40	20.72	19.02	0.0798
66	15	30	433000	1765	DFT-s-OFDM 256 QAM	1@1	21.16	19.46	0.0883
66	15	30	433000	1765	DFT-s-OFDM 256 QAM	1@158	19.7	18	0.0631
66	15	30	433000	1765	CP-OFDM QPSK	80@40	23.65	21.95	0.1567
66	15	30	433000	1765	CP-OFDM QPSK	1@1	23.89	22.19	0.1656
66	15	30	433000	1765	CP-OFDM QPSK	1@158	23.74	22.04	0.1600
66	15	40	426000	1730	DFT-s-OFDM PI/2 BPSK	108@54	25.25	23.55	0.2265
66	15	40	426000	1730	DFT-s-OFDM PI/2 BPSK	1@1	25.33	23.63	0.2307
66	15	40	426000	1730	DFT-s-OFDM PI/2 BPSK	1@214	25.3	23.6	0.2291
66	15	40	426000	1730	DFT-s-OFDM QPSK	108@54	25.33	23.63	0.2307
66	15	40	426000	1730	DFT-s-OFDM QPSK	1@1	25.58	23.88	0.2443
66	15	40	426000	1730	DFT-s-OFDM QPSK	1@214	25.74	24.04	0.2535
66	15	40	426000	1730	DFT-s-OFDM 16 QAM	108@54	24.77	23.07	0.2028
66	15	40	426000	1730	DFT-s-OFDM 16 QAM	1@1	24.98	23.28	0.2128
66	15	40	426000	1730	DFT-s-OFDM 16 QAM	1@214	24.93	23.23	0.2104
66	15	40	426000	1730	DFT-s-OFDM 64 QAM	108@54	22.4	20.7	0.1175
66	15	40	426000	1730	DFT-s-OFDM 64 QAM	1@1	22.6	20.9	0.1230
66	15	40	426000	1730	DFT-s-OFDM 64 QAM	1@214	23.12	21.42	0.1387
66	15	40	426000	1730	DFT-s-OFDM 256 QAM	108@54	20.18	18.48	0.0705

66	15	40	426000	1730	DFT-s-OFDM 256 QAM	1@1	19.51	17.81	0.0604
66	15	40	426000	1730	DFT-s-OFDM 256 QAM	1@214	19.67	17.97	0.0627
66	15	40	426000	1730	CP-OFDM QPSK	108@54	23.85	22.15	0.1641
66	15	40	426000	1730	CP-OFDM QPSK	1@1	23.91	22.21	0.1663
66	15	40	426000	1730	CP-OFDM QPSK	1@214	23.83	22.13	0.1633
66	15	40	429000	1745	DFT-s-OFDM PI/2 BPSK	108@54	25.22	23.52	0.2249
66	15	40	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	25.22	23.52	0.2249
66	15	40	429000	1745	DFT-s-OFDM PI/2 BPSK	1@214	25.25	23.55	0.2265
66	15	40	429000	1745	DFT-s-OFDM QPSK	108@54	25.29	23.59	0.2286
66	15	40	429000	1745	DFT-s-OFDM QPSK	1@1	25.42	23.72	0.2355
66	15	40	429000	1745	DFT-s-OFDM QPSK	1@214	25.73	24.03	0.2529
66	15	40	429000	1745	DFT-s-OFDM 16 QAM	108@54	24.38	22.68	0.1854
66	15	40	429000	1745	DFT-s-OFDM 16 QAM	1@1	24.59	22.89	0.1945
66	15	40	429000	1745	DFT-s-OFDM 16 QAM	1@214	24.17	22.47	0.1766
66	15	40	429000	1745	DFT-s-OFDM 64 QAM	108@54	22.38	20.68	0.1169
66	15	40	429000	1745	DFT-s-OFDM 64 QAM	1@1	22.49	20.79	0.1199
66	15	40	429000	1745	DFT-s-OFDM 64 QAM	1@214	23.48	21.78	0.1507
66	15	40	429000	1745	DFT-s-OFDM 256 QAM	108@54	21.11	19.41	0.0873
66	15	40	429000	1745	DFT-s-OFDM 256 QAM	1@1	21.32	19.62	0.0916
66	15	40	429000	1745	DFT-s-OFDM 256 QAM	1@214	21.38	19.68	0.0929
66	15	40	429000	1745	CP-OFDM QPSK	108@54	23.68	21.98	0.1578
66	15	40	429000	1745	CP-OFDM QPSK	1@1	23.92	22.22	0.1667
66	15	40	429000	1745	CP-OFDM QPSK	1@214	23.85	22.15	0.1641
66	15	40	432000	1760	DFT-s-OFDM PI/2 BPSK	108@54	25.19	23.49	0.2234

66	15	40	432000	1760	DFT-s-OFDM PI/2 BPSK	1@1	25.08	23.38	0.2178
66	15	40	432000	1760	DFT-s-OFDM PI/2 BPSK	1@214	25.13	23.43	0.2203
66	15	40	432000	1760	DFT-s-OFDM QPSK	108@54	25.25	23.55	0.2265
66	15	40	432000	1760	DFT-s-OFDM QPSK	1@1	25.38	23.68	0.2333
66	15	40	432000	1760	DFT-s-OFDM QPSK	1@214	25.21	23.51	0.2244
66	15	40	432000	1760	DFT-s-OFDM 16 QAM	108@54	24.38	22.68	0.1854
66	15	40	432000	1760	DFT-s-OFDM 16 QAM	1@1	24.78	23.08	0.2032
66	15	40	432000	1760	DFT-s-OFDM 16 QAM	1@214	24.4	22.7	0.1862
66	15	40	432000	1760	DFT-s-OFDM 64 QAM	108@54	22.93	21.23	0.1327
66	15	40	432000	1760	DFT-s-OFDM 64 QAM	1@1	22.94	21.24	0.1330
66	15	40	432000	1760	DFT-s-OFDM 64 QAM	1@214	23.36	21.66	0.1466
66	15	40	432000	1760	DFT-s-OFDM 256 QAM	108@54	20.87	19.17	0.0826
66	15	40	432000	1760	DFT-s-OFDM 256 QAM	1@1	20.52	18.82	0.0762
66	15	40	432000	1760	DFT-s-OFDM 256 QAM	1@214	20.03	18.33	0.0681
66	15	40	432000	1760	CP-OFDM QPSK	108@54	23.81	22.11	0.1626
66	15	40	432000	1760	CP-OFDM QPSK	1@1	23.88	22.18	0.1652
66	15	40	432000	1760	CP-OFDM QPSK	1@214	23.88	22.18	0.1652



## 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	-0.00288	PASS	NV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00715	PASS	LV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00725	PASS	HV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00581	PASS	-30°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00659	PASS	-20°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.0086	PASS	-10°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00771	PASS	0°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00593	PASS	10°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00856	PASS	20°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.0025	PASS	30°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00484	PASS	40°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00806	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	3.87	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	1@0	3.27	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	100@0	4.84	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	3.89	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	3.48	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	3.17	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	4.34	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	3.69	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	100@0	3.63	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	1@0	3.21	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	100@0	4.52	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	3.82	13	PASS

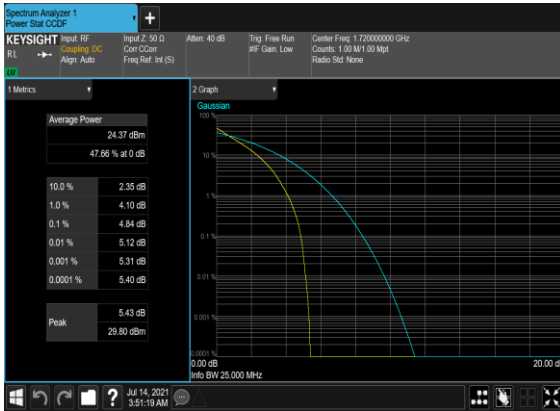
N66(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



N66(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Low\_CH



N66(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N66(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



N66(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Mid\_CH



N66(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N66(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



N66(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



N66(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



## Occupied Bandwidth

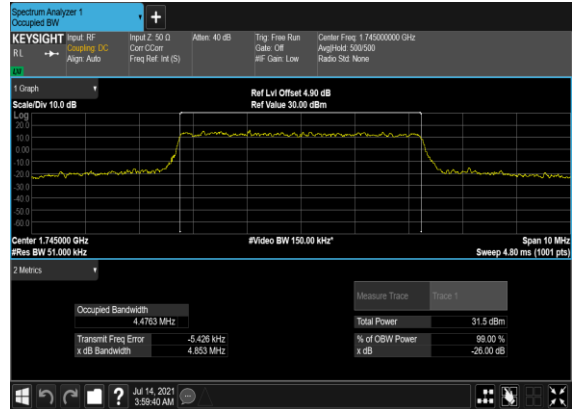
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
66	15	5	429000	1745.0	DFT-s-OFDM PI/2 BPSK	25@0	4.483	4.899
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	25@0	4.4763	4.853
66	15	5	429000	1745.0	CP-OFDM QPSK	25@0	4.4808	4.976
66	15	5	429000	1745.0	CP-OFDM 16 QAM	25@0	4.4898	4.965
66	15	5	429000	1745.0	CP-OFDM 64 QAM	25@0	4.4654	4.912
66	15	5	429000	1745.0	CP-OFDM 256 QAM	25@0	4.4764	4.972
66	15	10	429000	1745.0	DFT-s-OFDM PI/2 BPSK	50@0	8.8967	9.434
66	15	10	429000	1745.0	DFT-s-OFDM QPSK	50@0	8.9204	9.533
66	15	10	429000	1745.0	CP-OFDM QPSK	52@0	9.2905	10.4
66	15	10	429000	1745.0	CP-OFDM 16 QAM	52@0	9.297	9.902
66	15	10	429000	1745.0	CP-OFDM 64 QAM	52@0	9.279	9.859
66	15	10	429000	1745.0	CP-OFDM 256 QAM	52@0	9.2772	20.0
66	15	15	429000	1745.0	DFT-s-OFDM PI/2 BPSK	75@0	13.374	14.17
66	15	15	429000	1745.0	DFT-s-OFDM QPSK	75@0	13.415	14.1
66	15	15	429000	1745.0	CP-OFDM QPSK	79@0	14.102	14.82
66	15	15	429000	1745.0	CP-OFDM 16 QAM	79@0	14.105	14.89
66	15	15	429000	1745.0	CP-OFDM 64 QAM	79@0	14.126	14.9
66	15	15	429000	1745.0	CP-OFDM 256 QAM	79@0	14.061	14.8
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	17.88	18.68
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	17.867	18.76
66	15	20	429000	1745.0	CP-OFDM QPSK	106@0	18.93	21.94
66	15	20	429000	1745.0	CP-OFDM 16 QAM	106@0	18.93	19.84
66	15	20	429000	1745.0	CP-OFDM 64 QAM	106@0	18.947	20.96
66	15	20	429000	1745.0	CP-OFDM 256 QAM	106@0	18.932	19.75

66	15	30	429000	1745.0	DFT-s-OFDM PI/2 BPSK	160@0	28.565	29.61
66	15	30	429000	1745.0	DFT-s-OFDM QPSK	160@0	28.531	29.55
66	15	30	429000	1745.0	CP-OFDM QPSK	160@0	28.547	29.63
66	15	30	429000	1745.0	CP-OFDM 16 QAM	160@0	28.586	29.63
66	15	30	429000	1745.0	CP-OFDM 64 QAM	160@0	28.553	31.33
66	15	30	429000	1745.0	CP-OFDM 256 QAM	160@0	28.523	29.66
66	15	40	429000	1745.0	DFT-s-OFDM PI/2 BPSK	216@0	38.49	40.0
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	216@0	38.462	39.87
66	15	40	429000	1745.0	CP-OFDM QPSK	216@0	38.538	39.9
66	15	40	429000	1745.0	CP-OFDM 16 QAM	216@0	38.549	39.89
66	15	40	429000	1745.0	CP-OFDM 64 QAM	216@0	38.538	39.82
66	15	40	429000	1745.0	CP-OFDM 256 QAM	216@0	38.479	39.8

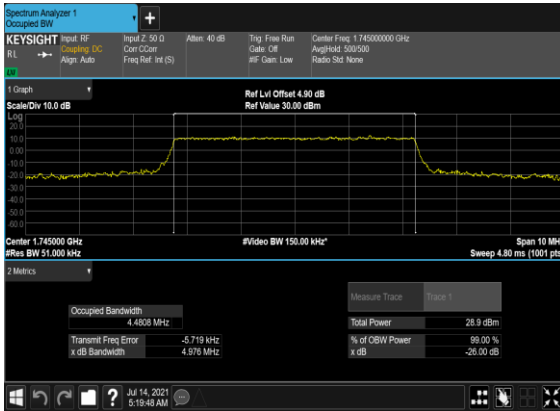
### N66(5M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



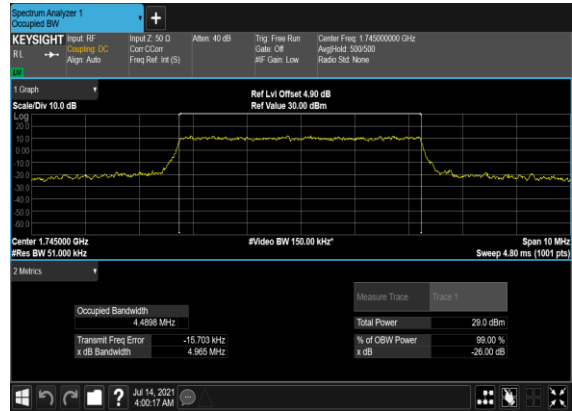
### N66(5M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



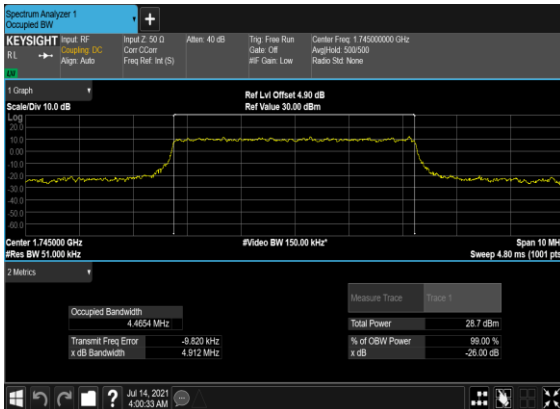
### N66(5M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



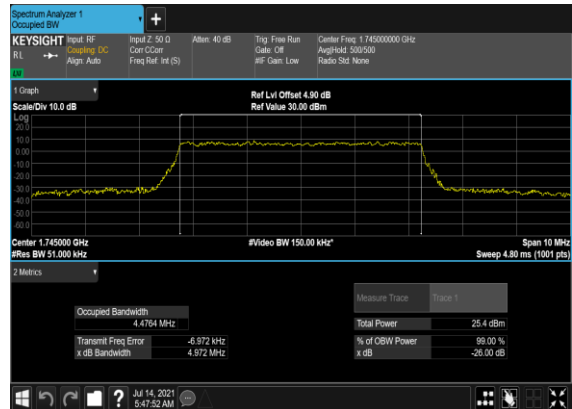
### N66(5M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



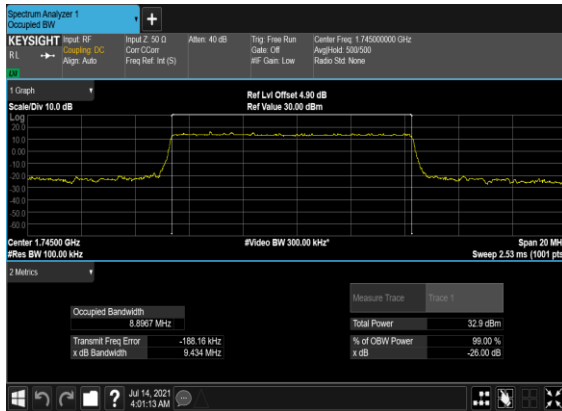
### N66(5M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



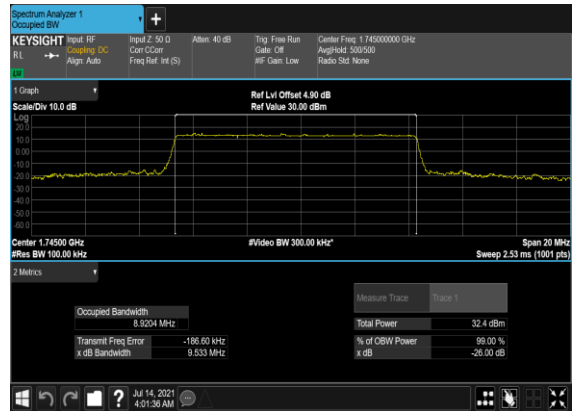
### N66(5M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



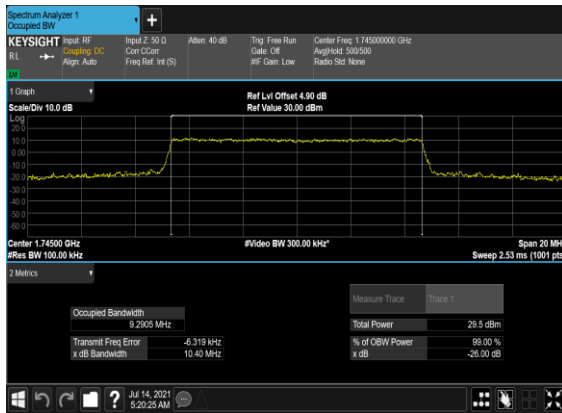
### N66(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



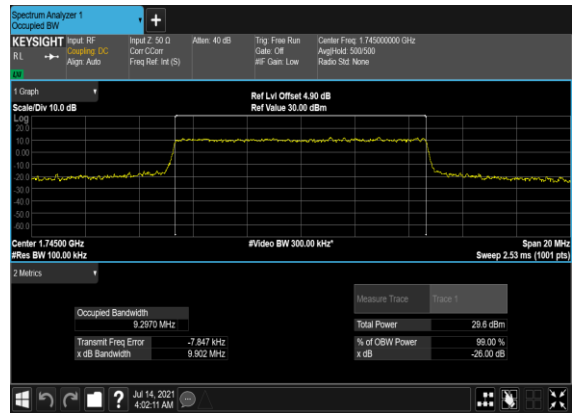
### N66(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



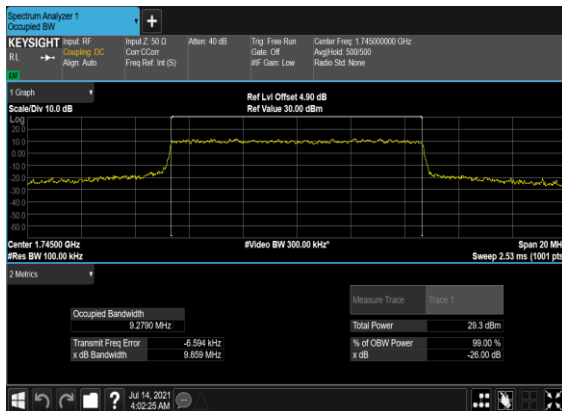
### N66(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



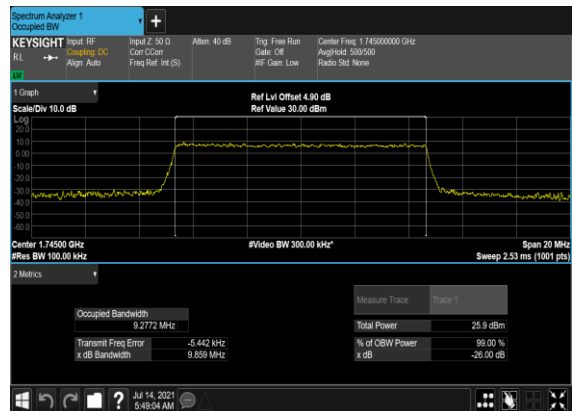
### N66(10M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



### N66(10M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

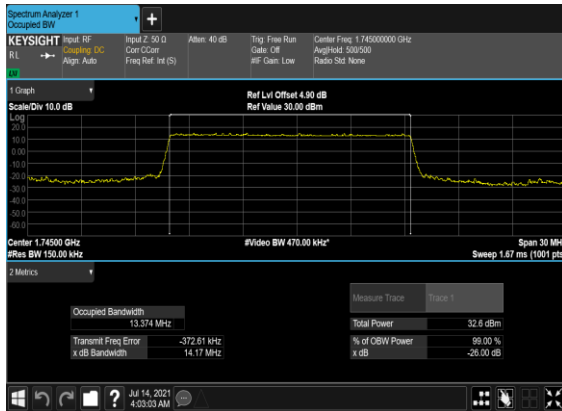


### N66(10M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

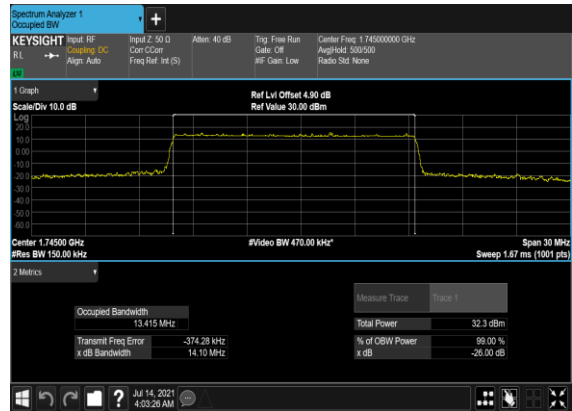




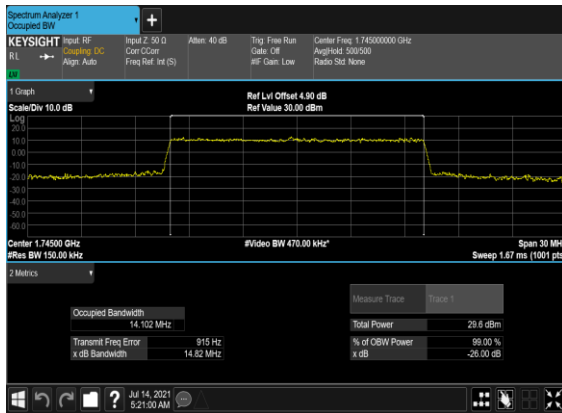
### N66(15M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



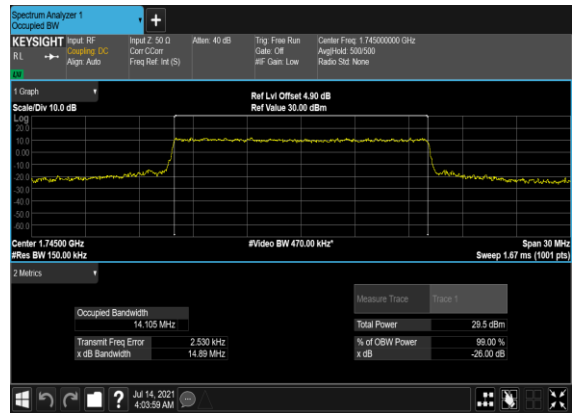
### N66(15M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



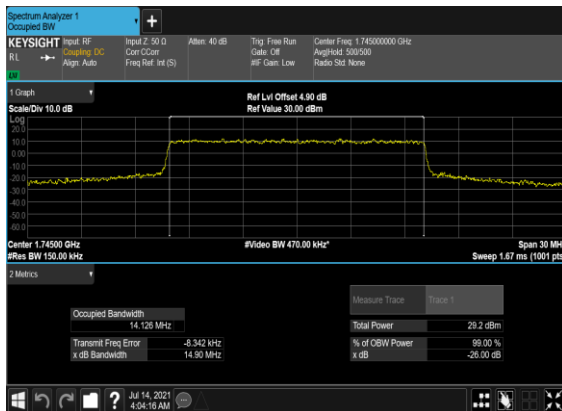
### N66(15M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



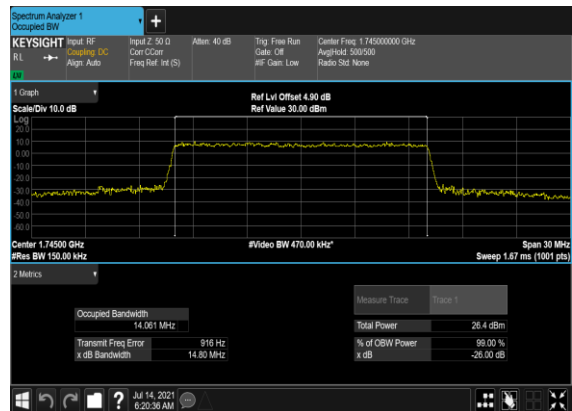
### N66(15M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



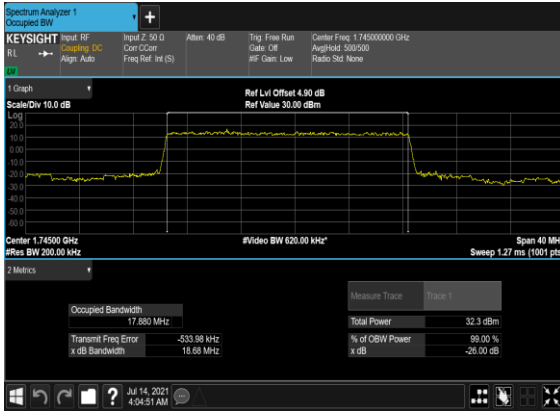
### N66(15M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



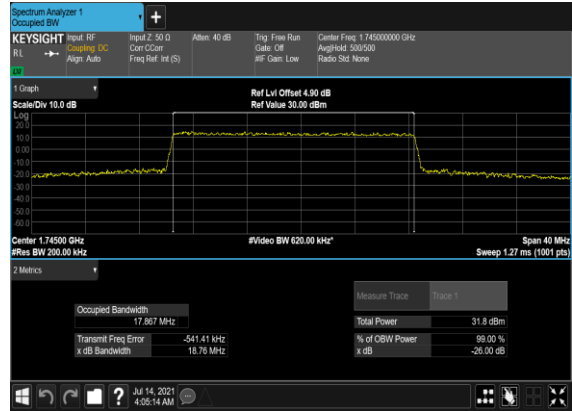
### N66(15M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



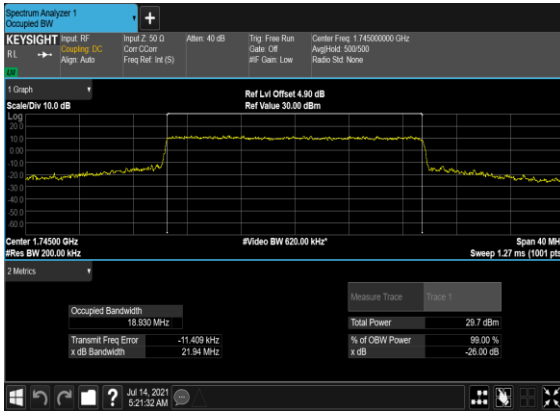
### N66(20M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



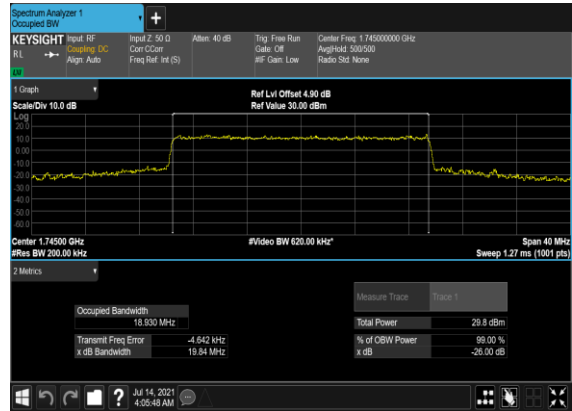
### N66(20M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



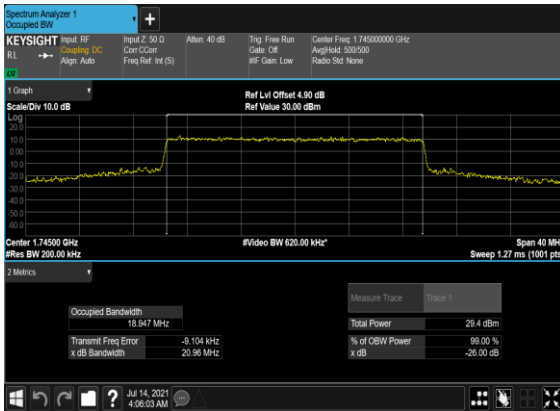
### N66(20M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### N66(20M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



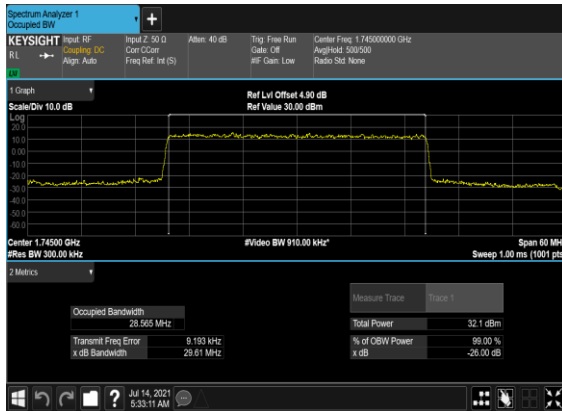
### N66(20M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



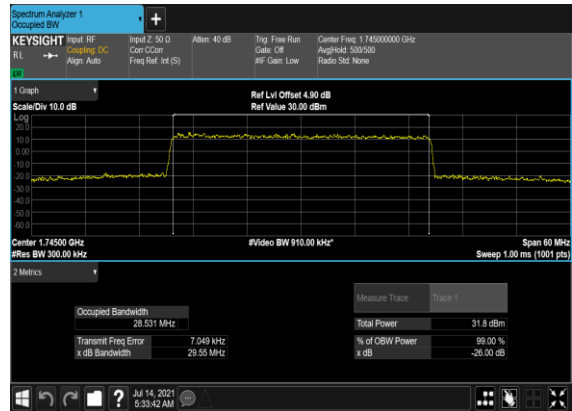
### N66(20M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



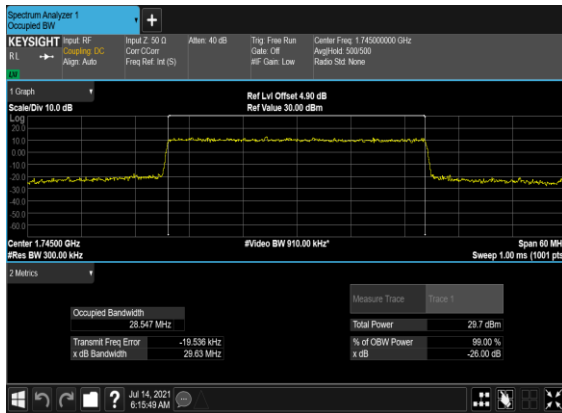
### N66(30M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



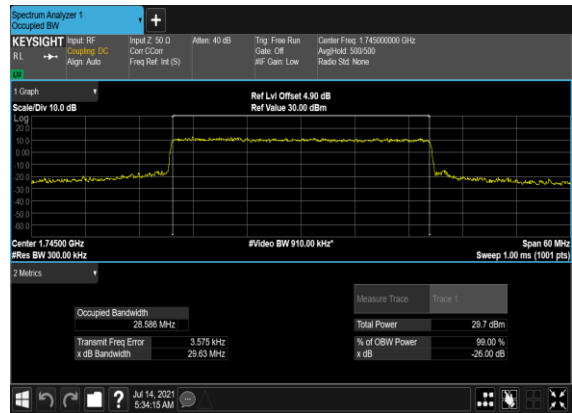
### N66(30M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



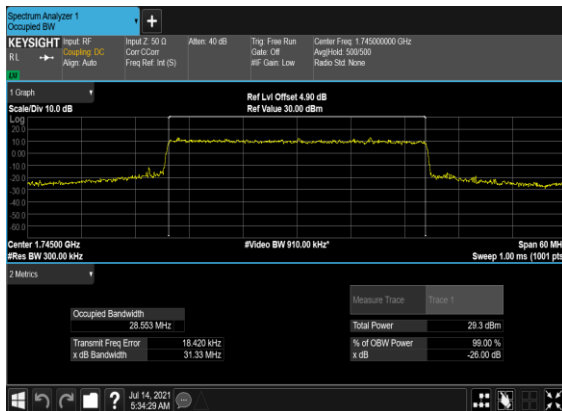
### N66(30M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



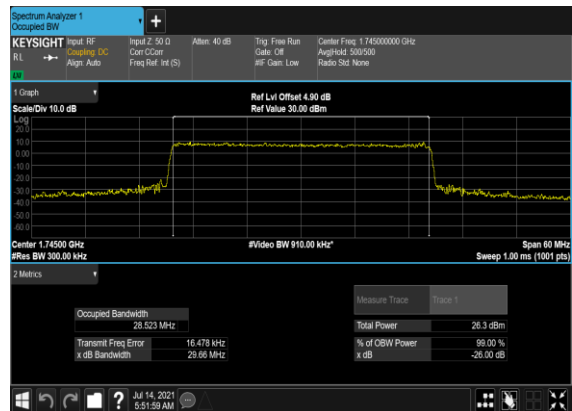
### N66(30M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



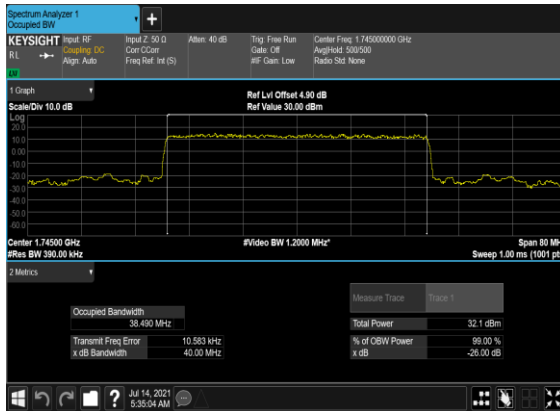
### N66(30M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



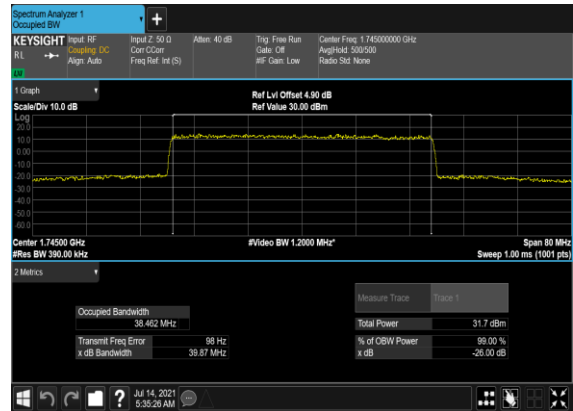
### N66(30M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



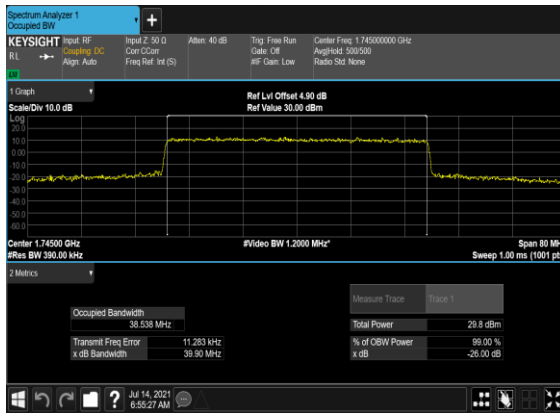
### N66(40M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



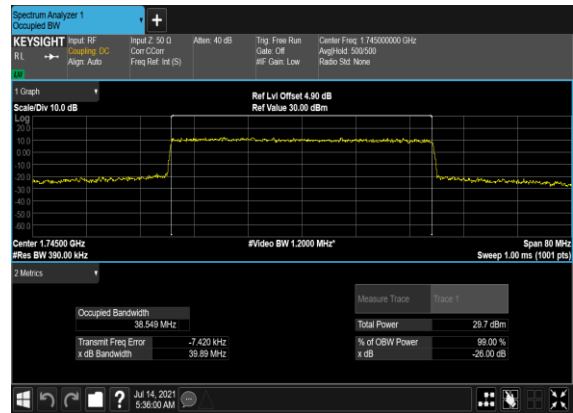
### N66(40M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



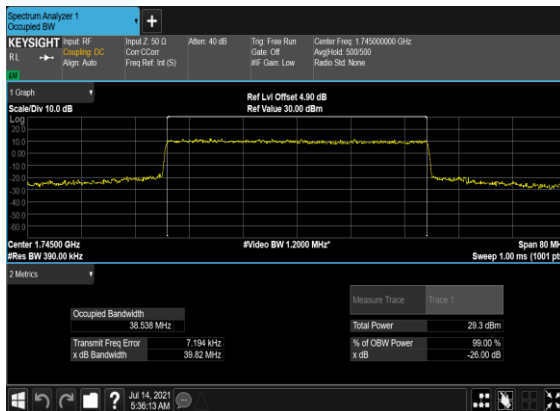
### N66(40M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



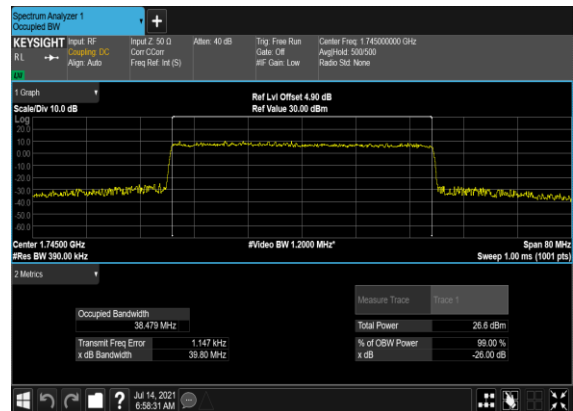
### N66(40M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### N66(40M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### N66(40M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

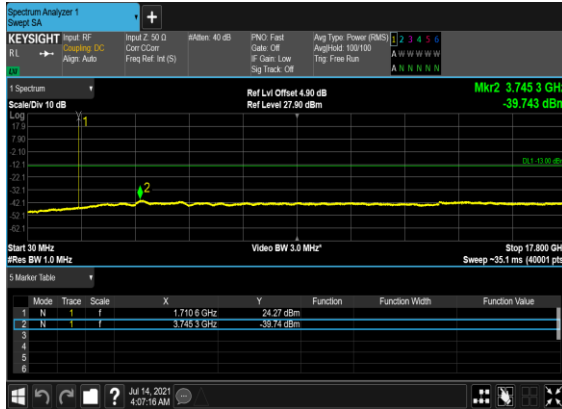


## Conducted Spurious Emissions

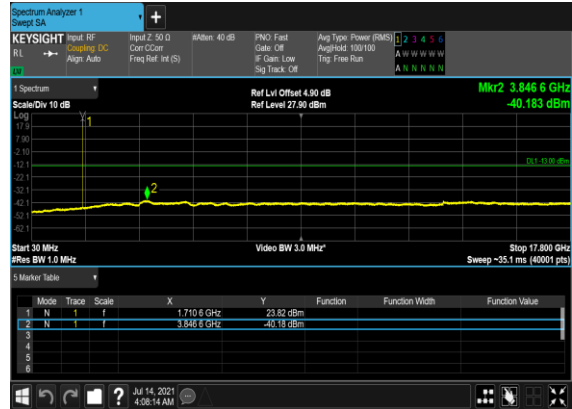
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph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

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

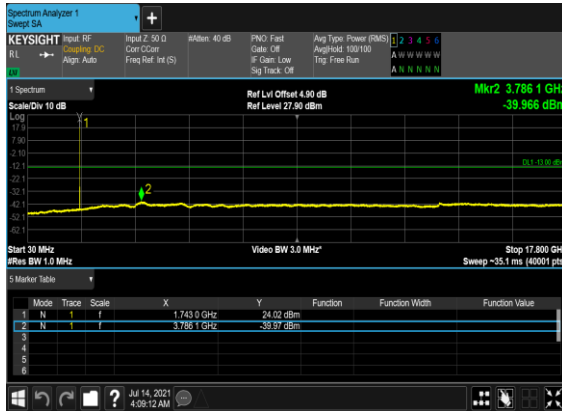
N66(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



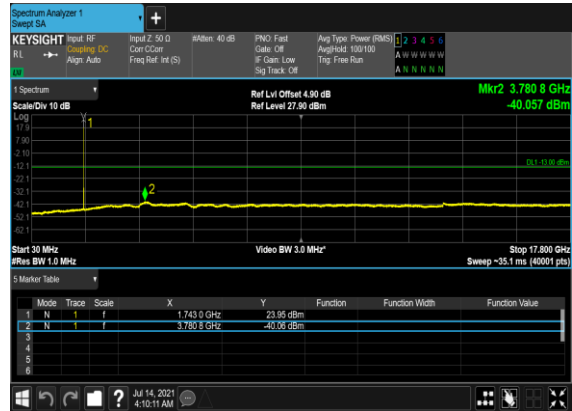
N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



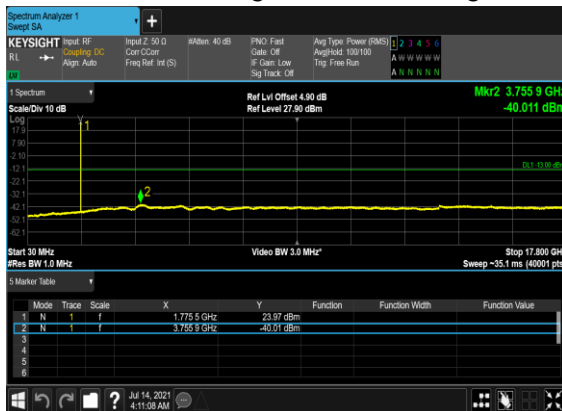
N66(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



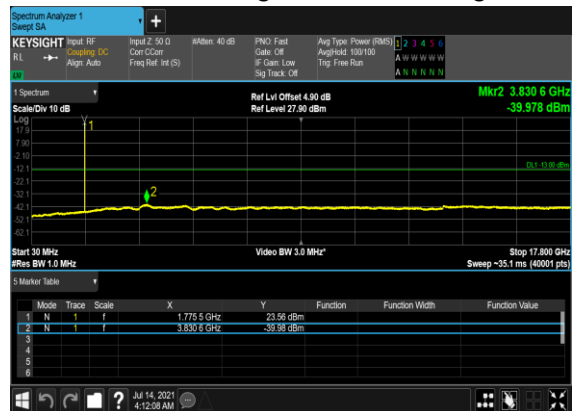
N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



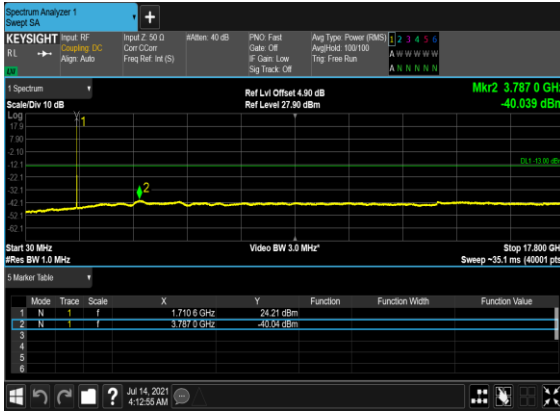
N66(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



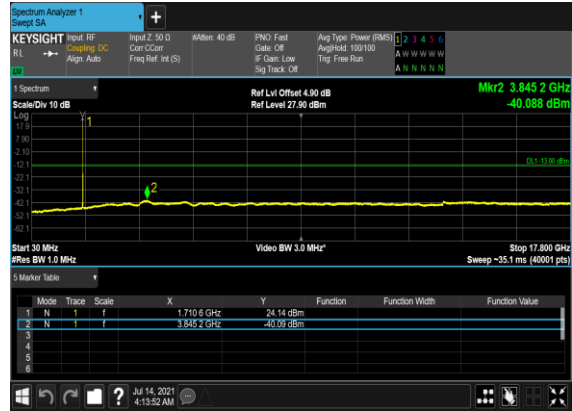
N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### N66(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



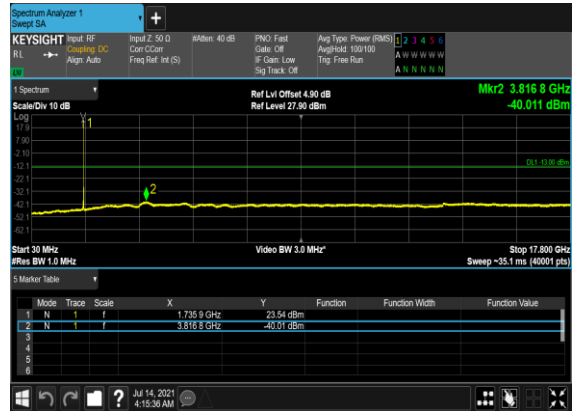
### N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



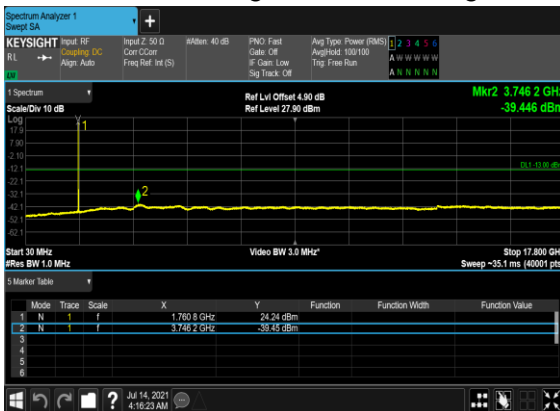
### N66(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



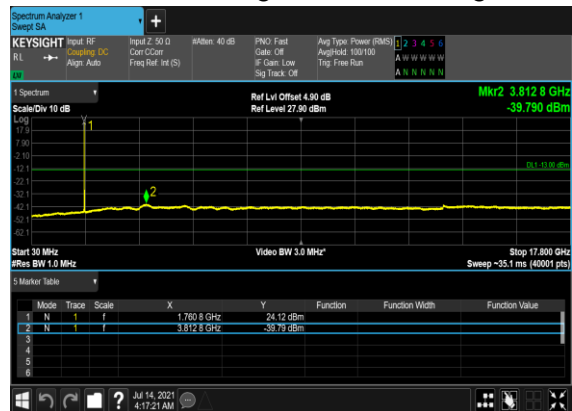
### N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N66(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH

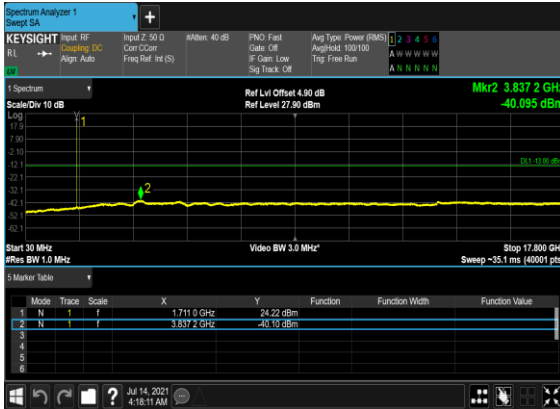


### N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

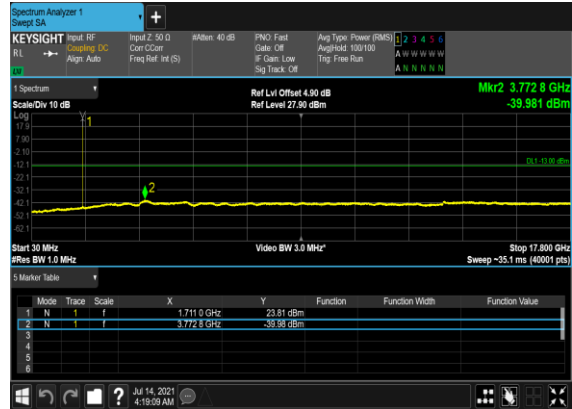




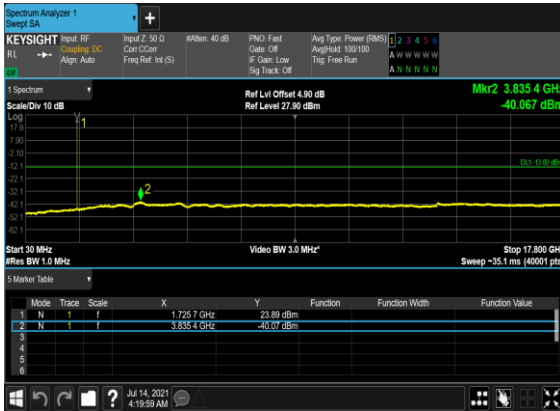
N66(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



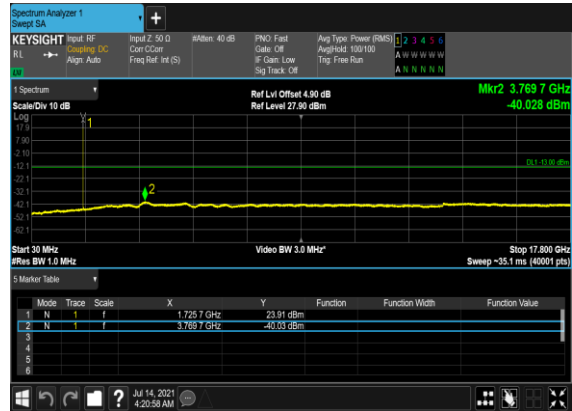
N66(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



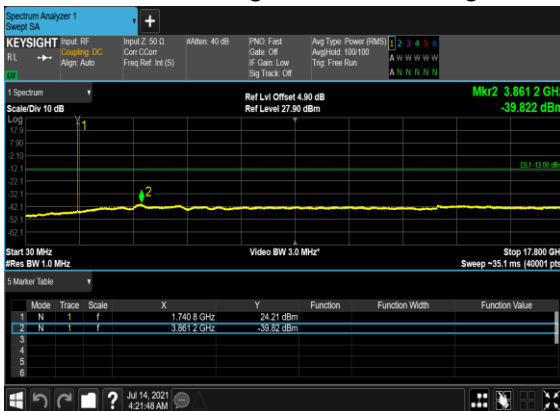
N66(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



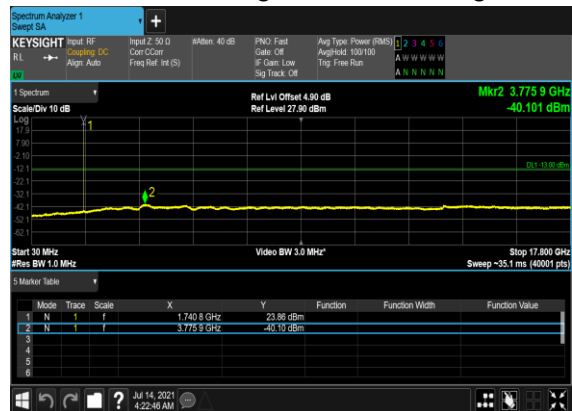
N66(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N66(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N66(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

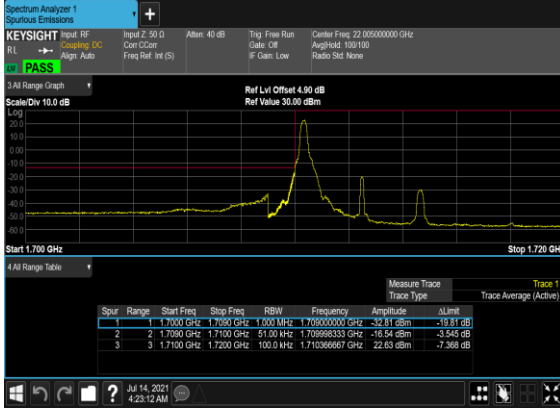


## Conducted Band Edge

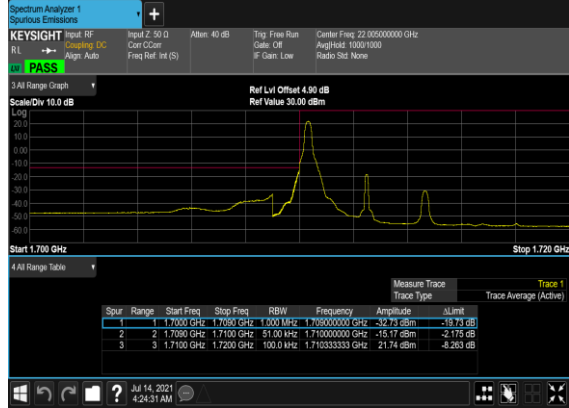
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	25@0	see graph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

<b>66</b>	15	40	432000	1760.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
<b>66</b>	15	40	432000	1760.0	DFT-s-OFDM QPSK	216@0	see graph	PASS

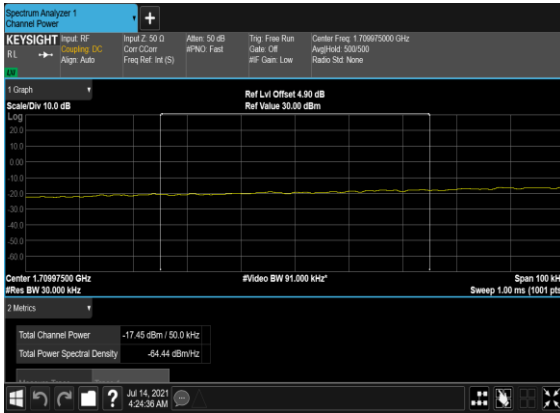
### N66(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



### N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



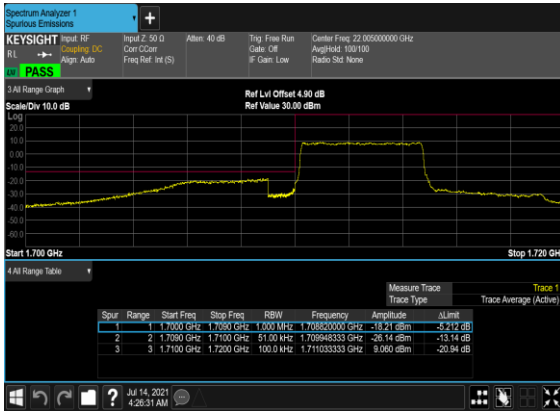
### N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



### N66(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



### N66(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



### N66(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N66(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



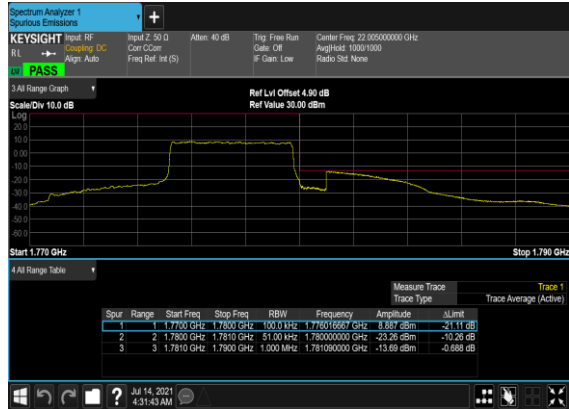
N66(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PASS



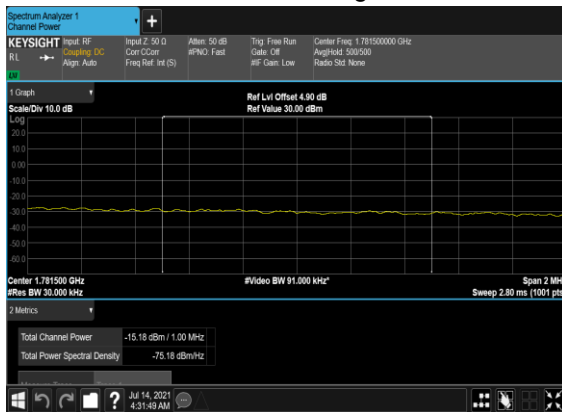
N66(5M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



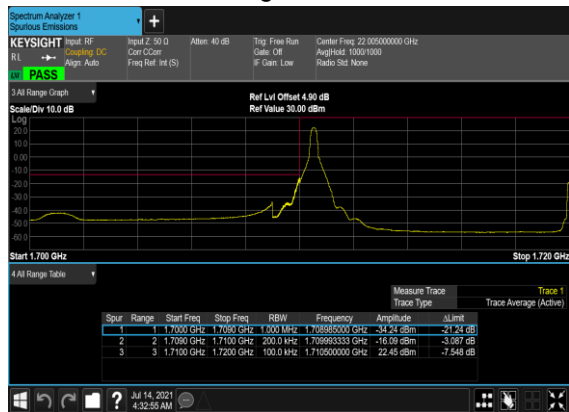
N66(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



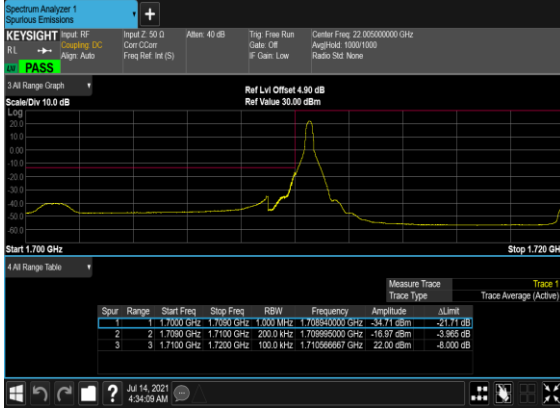
N66(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH\_CHP\_PASS



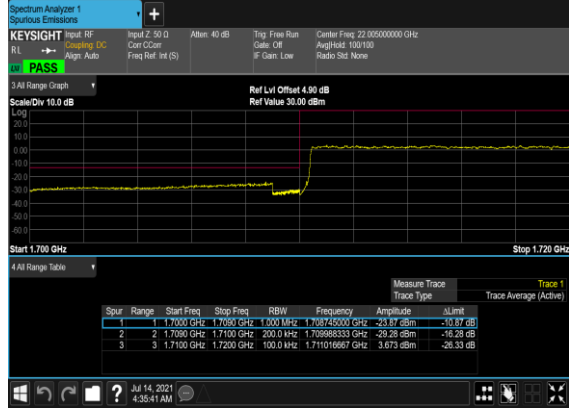
N66(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



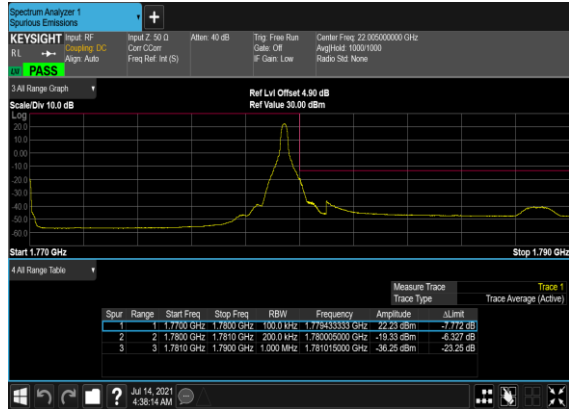
N66(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



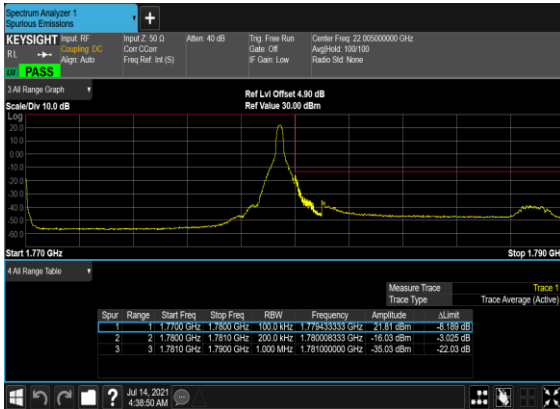
N66(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



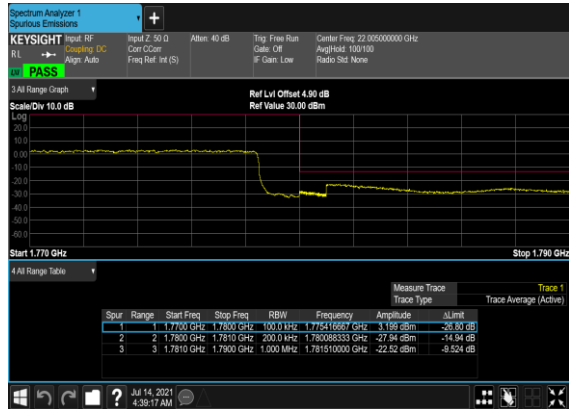
N66(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



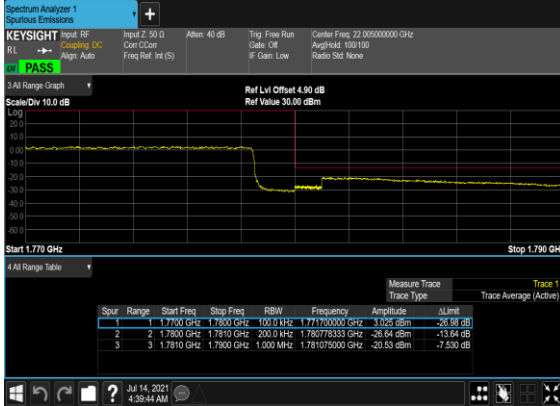
N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



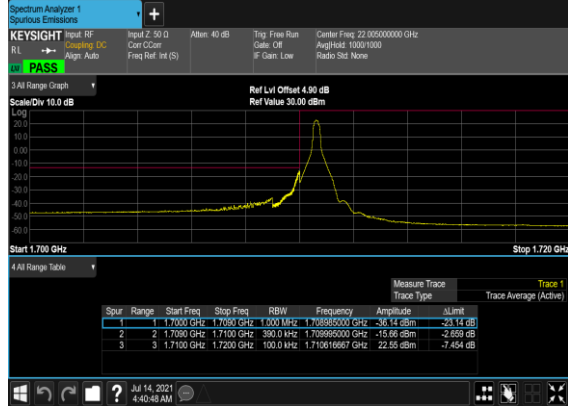
N66(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



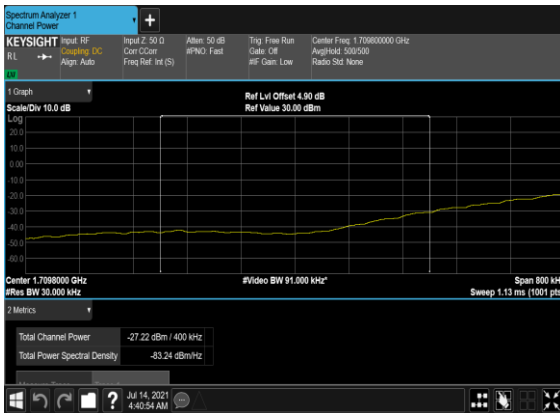
N66(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



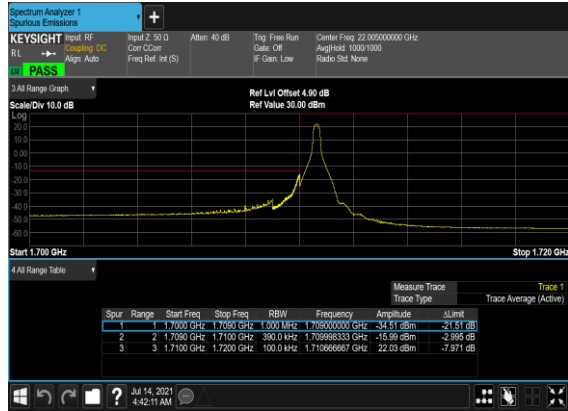
N66(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N66(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_chp  
PASS



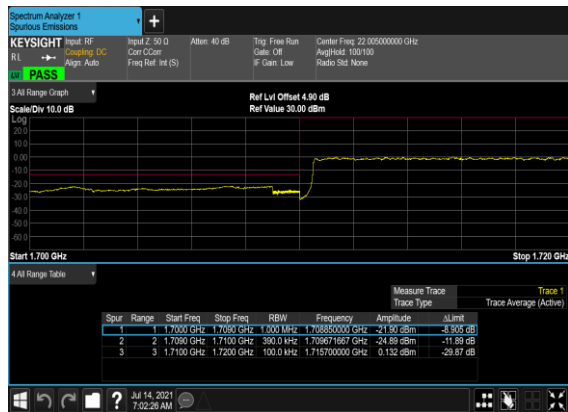
N66(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



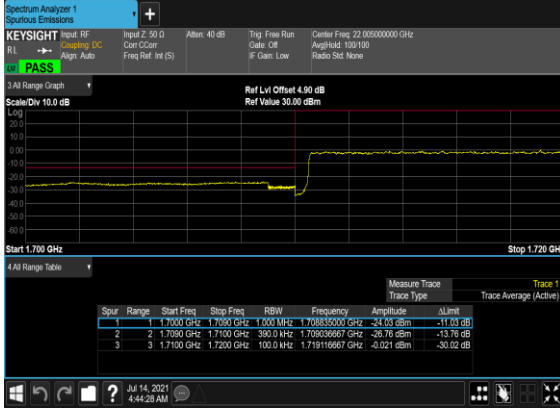
N66(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_chp  
PASS



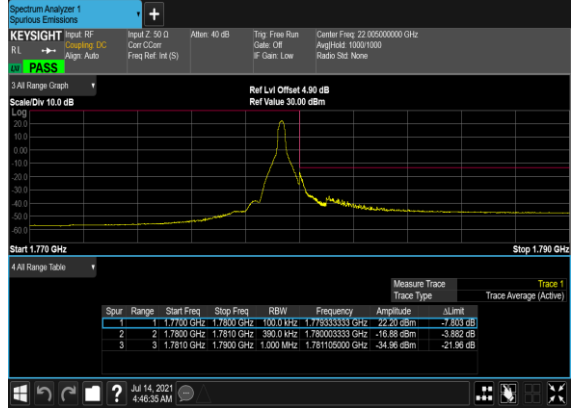
N66(40M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



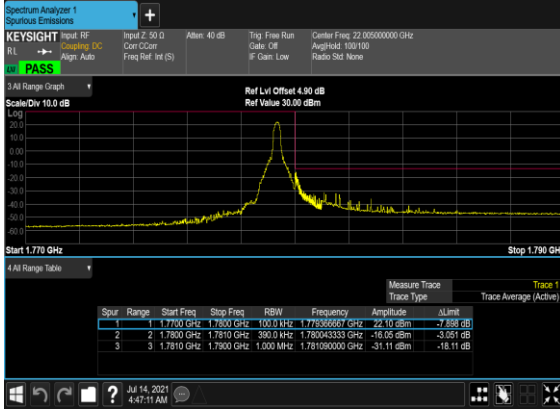
N66(40M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



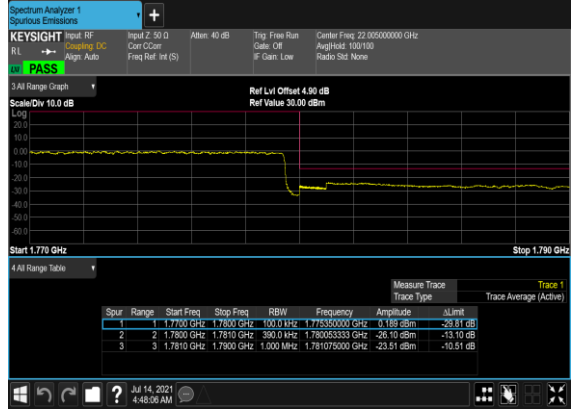
N66(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



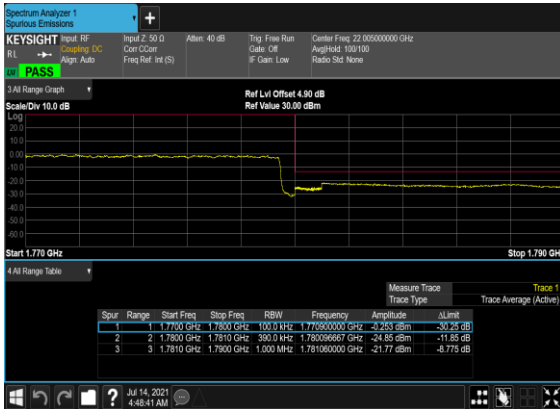
N66(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N66(40M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



N66(40M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH







## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

5G NR n5A / NR 20MHz / QPSK DFT-s-OFDM / ANT1(NR)								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1654	-58.01	-13	-45.01	-64.98	1.58	10.70	H
	2482	-48.96	-13	-35.96	-57.21	2.10	12.50	H
	3312	-59.54	-13	-46.54	-68.43	2.86	13.90	H
	1654	-60.80	-13	-47.80	-67.77	1.58	10.70	V
	2482	-56.59	-13	-43.59	-64.84	2.10	12.50	V
	3312	-59.45	-13	-46.45	-68.34	2.86	13.90	V

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

EN-DC_7A_n5A / LTE 10MHz + NR 20MHz / QPSK / ANT5(LTE) & ANT1(NR)								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1656	-62.40	-13	-49.40	-69.37	1.58	10.70	H
	2482	-55.78	-13	-42.78	-64.03	2.10	12.50	H
	3312	-57.05	-13	-44.05	-65.94	2.86	13.90	H
	1656	-61.58	-13	-48.58	-68.55	1.58	10.70	V
	2482	-51.80	-13	-38.80	-60.05	2.10	12.50	V
	3312	-57.33	-13	-44.33	-66.22	2.86	13.90	V

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

5G NR n7A / NR 20MHz / QPSK DFT-s-OFDM / ANT5(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	5052	-59.06	-25	-34.06	-69.27	3.03	13.24	H
	7576	-57.84	-25	-32.84	-67.29	3.56	13.01	H
	10100	-60.22	-25	-35.22	-69.74	3.92	13.44	H
	12630	-54.67	-25	-29.67	-63.71	4.39	13.43	H
	15150	-56.18	-25	-31.18	-64.87	4.83	13.53	H
	5052	-60.74	-25	-35.74	-70.95	3.03	13.24	V
	7576	-58.90	-25	-33.90	-68.35	3.56	13.01	V
	10100	-60.53	-25	-35.53	-70.05	3.92	13.44	V
	12630	-54.04	-25	-29.04	-63.08	4.39	13.43	V
	15150	-57.56	-25	-32.56	-66.25	4.83	13.53	V

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



5G NR n38A / NR 20MHz / QPSK DFT-s-OFDM / ANT5(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	5172	-63.20	-25	-38.20	-73.41	3.03	13.24	H
	7760	-60.19	-25	-35.19	-69.64	3.56	13.01	H
	10340	-58.96	-25	-33.96	-68.48	3.92	13.44	H
	12930	-49.48	-25	-24.48	-58.52	4.39	13.43	H
	5172	-63.25	-25	-38.25	-73.46	3.03	13.24	V
	7760	-59.09	-25	-34.09	-68.54	3.56	13.01	V
	10340	-58.90	-25	-33.90	-68.42	3.92	13.44	V
	12930	-49.51	-25	-24.51	-58.55	4.39	13.43	V

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

5G NR n41A / NR 100MHz / QPSK DFT-s-OFDM / ANT5(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	5100	-62.28	-25	-37.28	-72.49	3.03	13.24	H
	7640	-57.92	-25	-32.92	-67.37	3.56	13.01	H
	10200	-59.13	-25	-34.13	-68.65	3.92	13.44	H
	5100	-62.24	-25	-37.24	-72.45	3.03	13.24	V
	7640	-59.73	-25	-34.73	-69.18	3.56	13.01	V
	10200	-59.66	-25	-34.66	-69.18	3.92	13.44	V

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

5G NR n66A / NR 40MHz / QPSK DFT-s-OFDM / ANT2(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	3471	-56.97	-13	-43.97	-67.71	2.60	13.34	H
	5208	-52.84	-13	-39.84	-63.35	3.01	13.52	H
	6948	-54.17	-13	-41.17	-64.37	3.27	13.47	H
	3471	-57.64	-13	-44.64	-68.38	2.60	13.34	V
	5208	-53.87	-13	-40.87	-64.38	3.01	13.52	V
	6948	-54.37	-13	-41.37	-64.57	3.27	13.47	V

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



EN-DC_7A_n66A / LTE 10MHz + NR 20MHz / QPSK / ANT5(LTE) & ANT2(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	3471	-56.88	-13	-43.88	-67.62	2.60	13.34	H
	5208	-54.70	-13	-41.70	-65.21	3.01	13.52	H
	6948	-53.85	-13	-40.85	-64.05	3.27	13.47	H
	3471	-57.38	-13	-44.38	-68.12	2.60	13.34	V
	5208	-54.99	-13	-41.99	-65.50	3.01	13.52	V
	6948	-54.04	-13	-41.04	-64.24	3.27	13.47	V

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