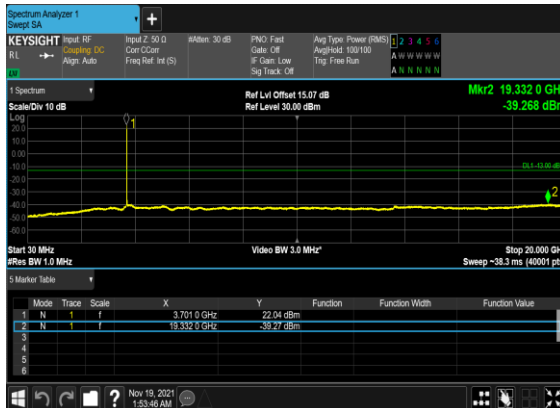
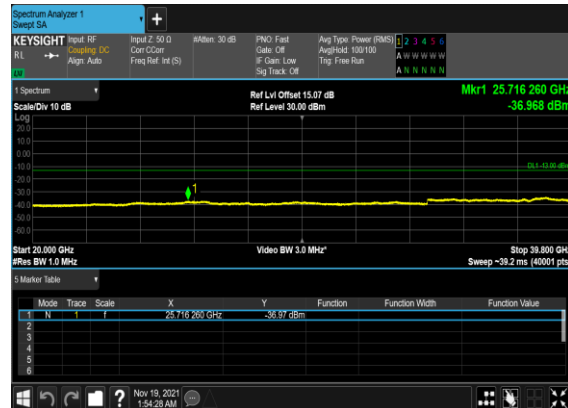


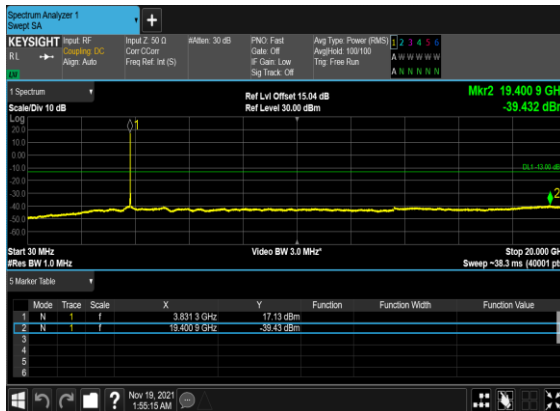
N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



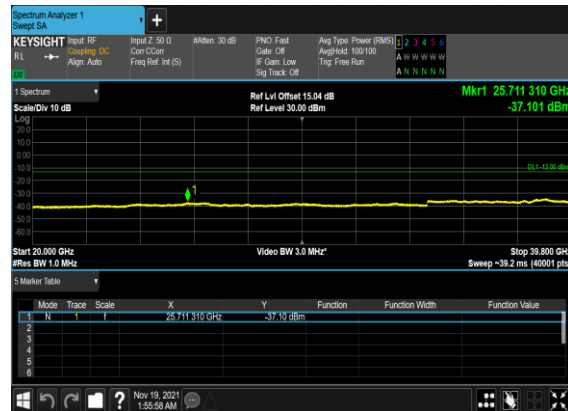
N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



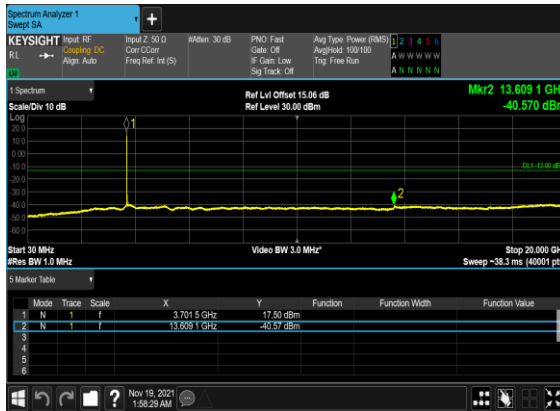
N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



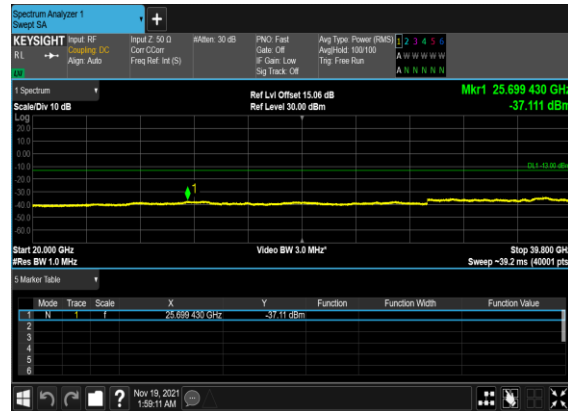
N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



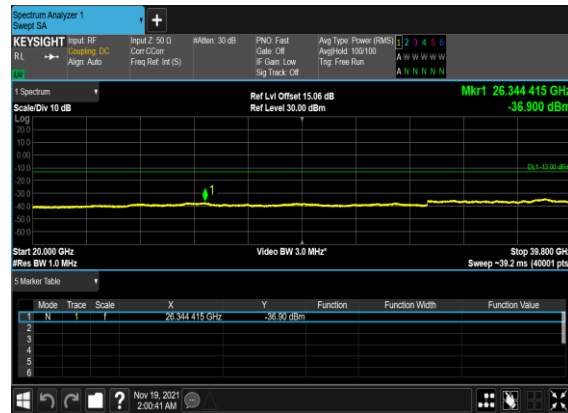
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



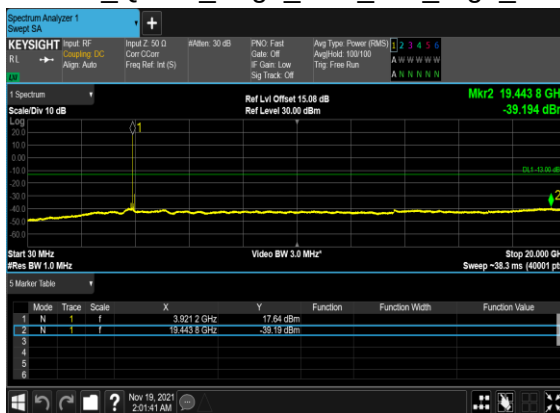
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



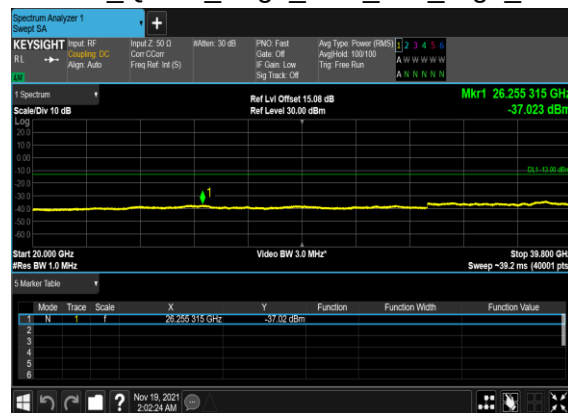
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



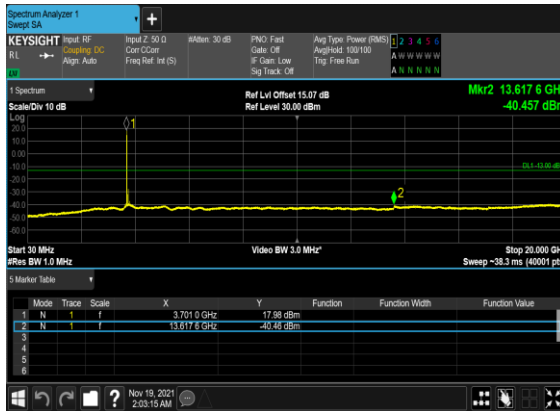
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



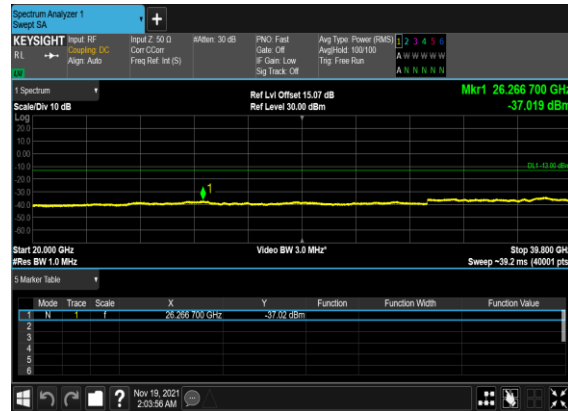
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



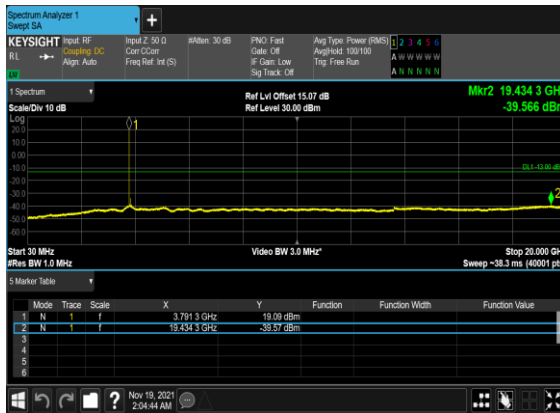
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



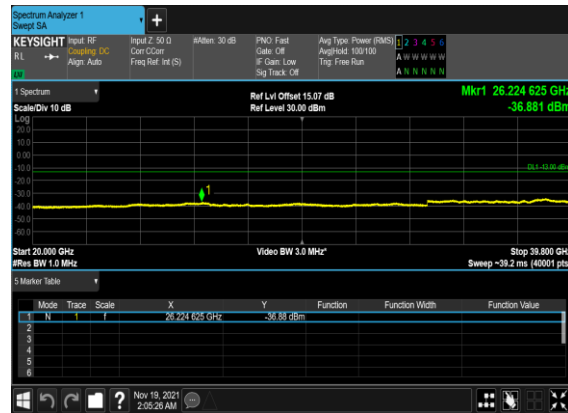
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



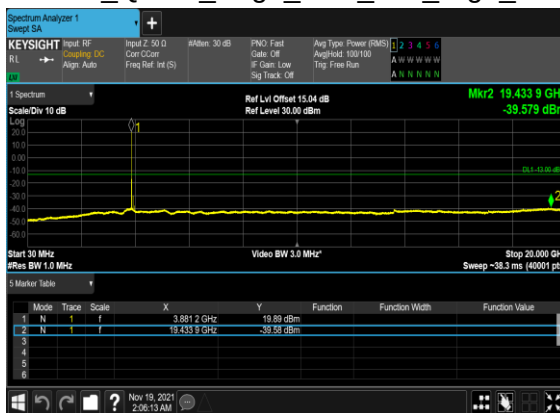
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



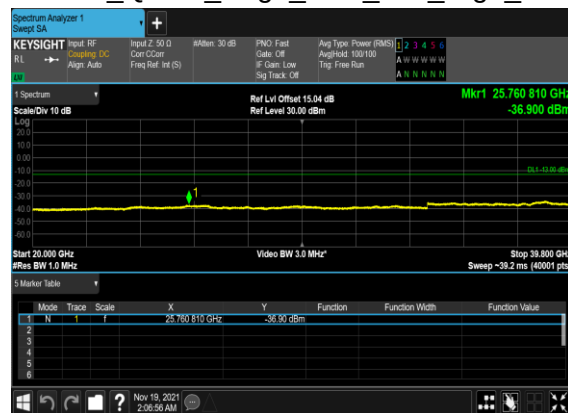
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



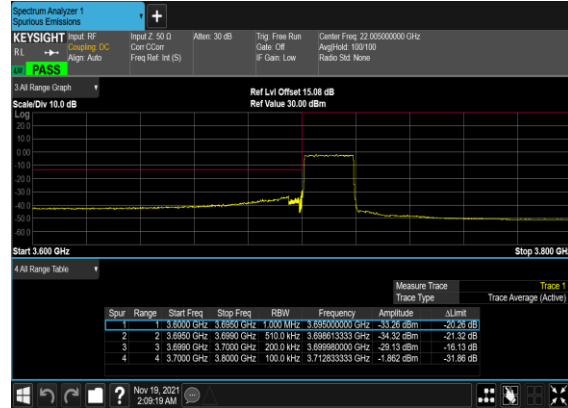
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	647334	3710.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	CP-OFDM QPSK	51@0	see graph	PASS
77	30	20	664666	3969.99	CP-OFDM QPSK	1@50	see graph	PASS
77	30	20	664666	3969.99	CP-OFDM QPSK	51@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM QPSK	162@0	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM QPSK	1@161	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM QPSK	162@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	273@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM QPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM QPSK	273@0	see graph	PASS

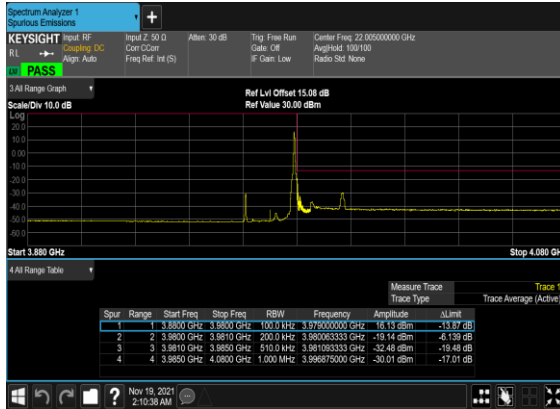
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



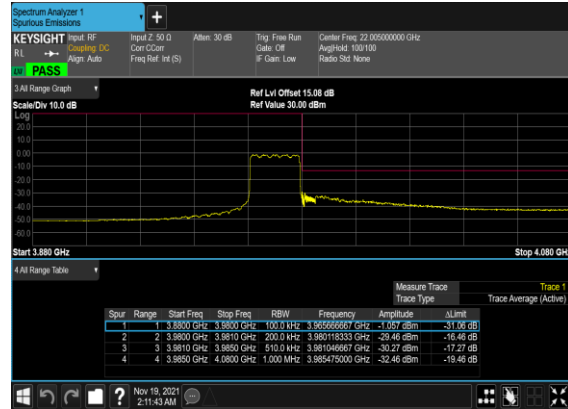
N77(20M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



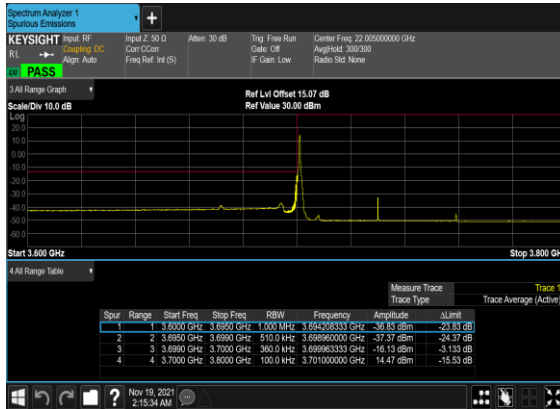
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



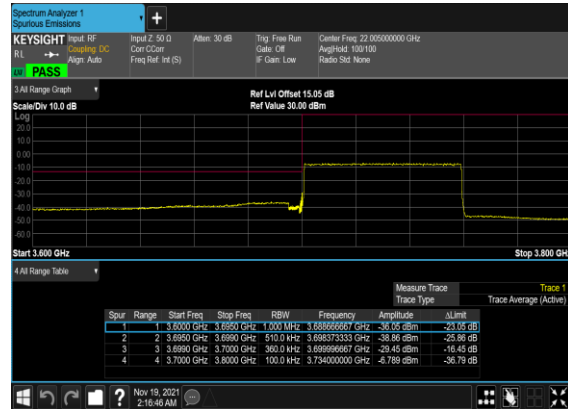
N77(20M)_CP-
OFDM_QPSK_Outer_Full_High_CH



N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



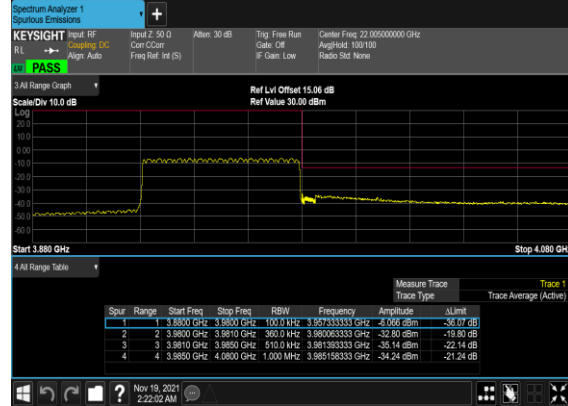
N77(60M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



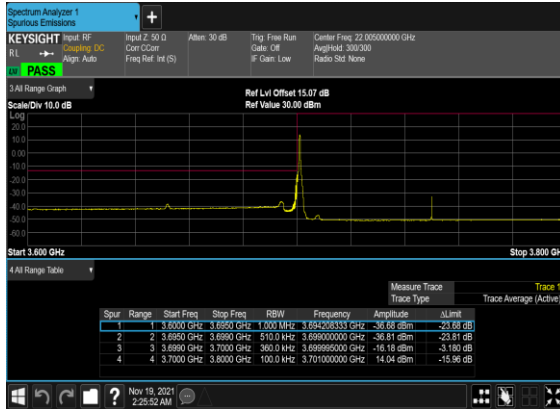
N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



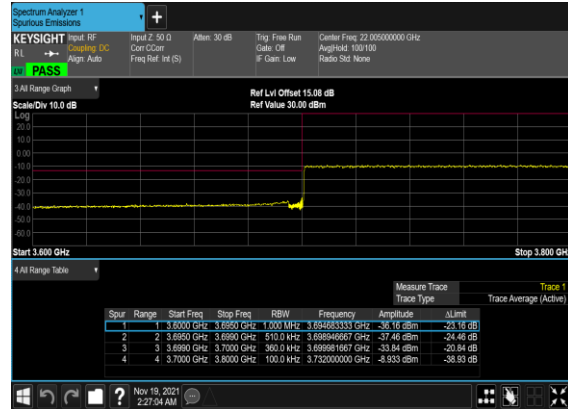
N77(60M)_CP-
OFDM_QPSK_Outer_Full_High_CH



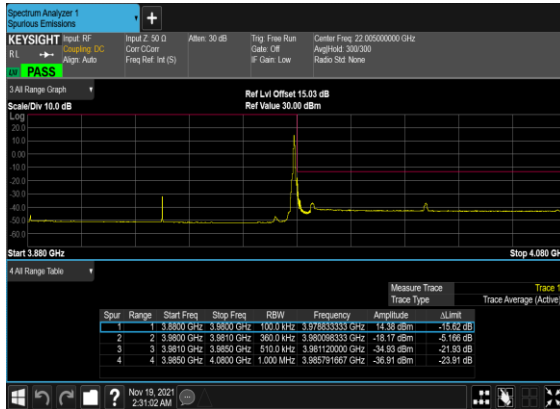
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



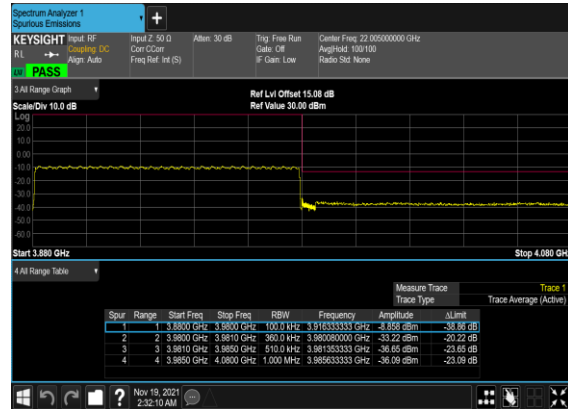
N77(100M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_CP-
OFDM_QPSK_Outer_Full_High_CH



FR1 N78

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)= -1.9dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	25@12	25.38	23.48	0.2228
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	25.36	23.46	0.2218
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@49	25.36	23.46	0.2218
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	25.67	23.77	0.2382
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.66	23.76	0.2377
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	25.6	23.7	0.2344
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	24.61	22.71	0.1866
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	24.53	22.63	0.1832
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	24.45	22.55	0.1799
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	25@12	23.11	21.21	0.1321
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@1	22.88	20.98	0.1253
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@49	22.92	21.02	0.1265
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	25@12	21.06	19.16	0.0824
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@1	20.88	18.98	0.0791
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@49	21.09	19.19	0.0830
78	30	20	647334	3710.01	CP-OFDM QPSK	25@12	24.06	22.16	0.1644
78	30	20	647334	3710.01	CP-OFDM QPSK	1@1	24.05	22.15	0.1641
78	30	20	647334	3710.01	CP-OFDM QPSK	1@49	24.21	22.31	0.1702
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	25@12	25.46	23.56	0.2270
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.42	23.52	0.2249
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@49	25.4	23.5	0.2239
78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	25.6	23.7	0.2344
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	25.58	23.68	0.2333
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	25.65	23.75	0.2371
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	24.59	22.69	0.1858
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.44	22.54	0.1795
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	24.54	22.64	0.1837
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	25@12	23.12	21.22	0.1324
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.86	20.96	0.1247
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@49	22.92	21.02	0.1265

78	30	20	650000	3750	DFT-s-OFDM 256 QAM	25@12	21.04	19.14	0.0820
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.01	19.11	0.0815
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@49	21.09	19.19	0.0830
78	30	20	650000	3750	CP-OFDM QPSK	25@12	24.11	22.21	0.1663
78	30	20	650000	3750	CP-OFDM QPSK	1@1	24.13	22.23	0.1671
78	30	20	650000	3750	CP-OFDM QPSK	1@49	24.27	22.37	0.1726
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	25@12	25.42	23.52	0.2249
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	25.34	23.44	0.2208
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@49	25.42	23.52	0.2249
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	25.61	23.71	0.2350
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	25.7	23.8	0.2399
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	25.71	23.81	0.2404
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	24.65	22.75	0.1884
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	24.58	22.68	0.1854
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	24.67	22.77	0.1892
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	25@12	23.18	21.28	0.1343
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@1	23.03	21.13	0.1297
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@49	22.97	21.07	0.1279
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	25@12	21.11	19.21	0.0834
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@1	21.02	19.12	0.0817
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@49	21.16	19.26	0.0843
78	30	20	652666	3789.99	CP-OFDM QPSK	25@12	24.16	22.26	0.1683
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	24.22	22.32	0.1706
78	30	20	652666	3789.99	CP-OFDM QPSK	1@49	24.37	22.47	0.1766
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	36@18	25.44	23.54	0.2259
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	25.54	23.64	0.2312
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@76	25.51	23.61	0.2296
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	25.72	23.82	0.2410
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	25.73	23.83	0.2415
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	25.73	23.83	0.2415
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	24.63	22.73	0.1875
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	24.71	22.81	0.1910
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	24.64	22.74	0.1879
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	36@18	23.16	21.26	0.1337
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@1	22.96	21.06	0.1276
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@76	22.94	21.04	0.1271

78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	36@18	21.1	19.2	0.0832
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@1	21.21	19.31	0.0853
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@76	21.06	19.16	0.0824
78	30	30	647668	3715.02	CP-OFDM QPSK	39@19	24.13	22.23	0.1671
78	30	30	647668	3715.02	CP-OFDM QPSK	1@1	24.32	22.42	0.1746
78	30	30	647668	3715.02	CP-OFDM QPSK	1@76	24.27	22.37	0.1726
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	36@18	25.54	23.64	0.2312
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.47	23.57	0.2275
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@76	25.5	23.6	0.2291
78	30	30	650000	3750	DFT-s-OFDM QPSK	36@18	25.69	23.79	0.2393
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	25.62	23.72	0.2355
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@76	25.72	23.82	0.2410
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	36@18	24.67	22.77	0.1892
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.57	22.67	0.1849
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@76	24.68	22.78	0.1897
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	36@18	23.16	21.26	0.1337
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.14	21.24	0.1330
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	1@76	23.24	21.34	0.1361
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	36@18	21.12	19.22	0.0836
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.03	19.13	0.0818
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	1@76	21.03	19.13	0.0818
78	30	30	650000	3750	CP-OFDM QPSK	39@19	24.15	22.25	0.1679
78	30	30	650000	3750	CP-OFDM QPSK	1@1	24.22	22.32	0.1706
78	30	30	650000	3750	CP-OFDM QPSK	1@76	24.28	22.38	0.1730
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	36@18	25.39	23.49	0.2234
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@1	25.47	23.57	0.2275
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@76	25.46	23.56	0.2270
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	36@18	25.71	23.81	0.2404
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	25.75	23.85	0.2427
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@76	25.69	23.79	0.2393
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	36@18	24.73	22.83	0.1919
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	24.62	22.72	0.1871
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@76	24.6	22.7	0.1862
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	36@18	23.18	21.28	0.1343
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	1@1	22.92	21.02	0.1265
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	1@76	23.09	21.19	0.1315

78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	36@18	21.14	19.24	0.0839
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	1@1	21	19.1	0.0813
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	1@76	20.93	19.03	0.0800
78	30	30	652332	3784.98	CP-OFDM QPSK	39@19	24.21	22.31	0.1702
78	30	30	652332	3784.98	CP-OFDM QPSK	1@1	24.29	22.39	0.1734
78	30	30	652332	3784.98	CP-OFDM QPSK	1@76	24.14	22.24	0.1675
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	50@25	25.58	23.68	0.2333
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	25.65	23.75	0.2371
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@104	25.66	23.76	0.2377
78	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	25.7	23.8	0.2399
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	25.79	23.89	0.2449
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	25.85	23.95	0.2483
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	24.72	22.82	0.1914
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	24.89	22.99	0.1991
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	24.69	22.79	0.1901
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	23.24	21.34	0.1361
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	22.95	21.05	0.1274
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	23.06	21.16	0.1306
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	21.15	19.25	0.0841
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	21.11	19.21	0.0834
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	21.27	19.37	0.0865
78	30	40	648000	3720	CP-OFDM QPSK	53@26	24.2	22.3	0.1698
78	30	40	648000	3720	CP-OFDM QPSK	1@1	24.34	22.44	0.1754
78	30	40	648000	3720	CP-OFDM QPSK	1@104	24.43	22.53	0.1791
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	50@25	25.51	23.61	0.2296
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.5	23.6	0.2291
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@104	25.57	23.67	0.2328
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	25.68	23.78	0.2388
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	25.7	23.8	0.2399
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	25.88	23.98	0.2500
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	24.68	22.78	0.1897
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.58	22.68	0.1854
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	24.88	22.98	0.1986
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	50@25	23.19	21.29	0.1346
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.92	21.02	0.1265
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@104	23.19	21.29	0.1346

78	30	40	650000	3750	DFT-s-OFDM 256 QAM	50@25	21.18	19.28	0.0847
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.15	19.25	0.0841
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@104	21.29	19.39	0.0869
78	30	40	650000	3750	CP-OFDM QPSK	53@26	24.18	22.28	0.1690
78	30	40	650000	3750	CP-OFDM QPSK	1@1	24.29	22.39	0.1734
78	30	40	650000	3750	CP-OFDM QPSK	1@104	24.46	22.56	0.1803
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	50@25	25.43	23.53	0.2254
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	25.67	23.77	0.2382
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@104	25.56	23.66	0.2323
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	25.64	23.74	0.2366
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	25.79	23.89	0.2449
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	25.74	23.84	0.2421
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	24.62	22.72	0.1871
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	24.81	22.91	0.1954
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	24.73	22.83	0.1919
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	50@25	23.18	21.28	0.1343
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@1	23.05	21.15	0.1303
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@104	23.08	21.18	0.1312
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	50@25	21.13	19.23	0.0838
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@1	21.09	19.19	0.0830
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@104	21.06	19.16	0.0824
78	30	40	652000	3780	CP-OFDM QPSK	53@26	24.12	22.22	0.1667
78	30	40	652000	3780	CP-OFDM QPSK	1@1	24.26	22.36	0.1722
78	30	40	652000	3780	CP-OFDM QPSK	1@104	24.33	22.43	0.1750
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	64@32	25.24	23.34	0.2158
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	25.25	23.35	0.2163
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@131	25.22	23.32	0.2148
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	64@32	25.48	23.58	0.2280
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	25.58	23.68	0.2333
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	25.49	23.59	0.2286
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	24.44	22.54	0.1795
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	24.4	22.5	0.1778
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	24.32	22.42	0.1746
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	64@32	22.97	21.07	0.1279
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	22.96	21.06	0.1276
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@131	22.65	20.75	0.1189

78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	64@32	20.94	19.04	0.0802
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	20.87	18.97	0.0789
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@131	20.81	18.91	0.0778
78	30	50	648334	3725.01	CP-OFDM QPSK	67@33	23.99	22.09	0.1618
78	30	50	648334	3725.01	CP-OFDM QPSK	1@1	24.1	22.2	0.1660
78	30	50	648334	3725.01	CP-OFDM QPSK	1@131	24.03	22.13	0.1633
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	64@32	25.23	23.33	0.2153
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.16	23.26	0.2118
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@131	25.27	23.37	0.2173
78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	25.44	23.54	0.2259
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	25.41	23.51	0.2244
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	25.43	23.53	0.2254
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	24.45	22.55	0.1799
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.3	22.4	0.1738
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	24.29	22.39	0.1734
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	64@32	22.92	21.02	0.1265
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.79	20.89	0.1227
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@131	22.89	20.99	0.1256
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	64@32	20.91	19.01	0.0796
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.66	18.76	0.0752
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@131	20.9	19	0.0794
78	30	50	650000	3750	CP-OFDM QPSK	67@33	23.95	22.05	0.1603
78	30	50	650000	3750	CP-OFDM QPSK	1@1	23.95	22.05	0.1603
78	30	50	650000	3750	CP-OFDM QPSK	1@131	23.98	22.08	0.1614
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	64@32	25.38	23.48	0.2228
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	25.27	23.37	0.2173
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@131	25.23	23.33	0.2153
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	25.51	23.61	0.2296
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	25.31	23.41	0.2193
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	25.26	23.36	0.2168
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	24.41	22.51	0.1782
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	24.3	22.4	0.1738
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	24.26	22.36	0.1722
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	64@32	22.93	21.03	0.1268
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	22.65	20.75	0.1189
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@131	22.55	20.65	0.1161

78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	64@32	20.86	18.96	0.0787
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	20.7	18.8	0.0759
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@131	20.64	18.74	0.0748
78	30	50	651666	3774.99	CP-OFDM QPSK	67@33	23.89	21.99	0.1581
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	23.94	22.04	0.1600
78	30	50	651666	3774.99	CP-OFDM QPSK	1@131	23.87	21.97	0.1574
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	81@40	25.3	23.4	0.2188
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	25.09	23.19	0.2084
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@160	25.26	23.36	0.2168
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	25.47	23.57	0.2275
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	25.48	23.58	0.2280
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	25.53	23.63	0.2307
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	24.42	22.52	0.1786
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	24.4	22.5	0.1778
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	24.41	22.51	0.1782
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	81@40	22.97	21.07	0.1279
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@1	22.89	20.99	0.1256
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@160	22.76	20.86	0.1219
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	81@40	20.98	19.08	0.0809
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@1	20.75	18.85	0.0767
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@160	20.91	19.01	0.0796
78	30	60	648668	3730.02	CP-OFDM QPSK	81@40	23.94	22.04	0.1600
78	30	60	648668	3730.02	CP-OFDM QPSK	1@1	24.03	22.13	0.1633
78	30	60	648668	3730.02	CP-OFDM QPSK	1@160	24.14	22.24	0.1675
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	81@40	25.23	23.33	0.2153
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	24.98	23.08	0.2032
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@160	25.3	23.4	0.2188
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	25.49	23.59	0.2286
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	25.35	23.45	0.2213
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	25.5	23.6	0.2291
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	24.44	22.54	0.1795
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.24	22.34	0.1714
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	24.44	22.54	0.1795
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	81@40	22.94	21.04	0.1271
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.79	20.89	0.1227
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@160	22.7	20.8	0.1202

78	30	60	650000	3750	DFT-s-OFDM 256 QAM	81@40	20.96	19.06	0.0805
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.78	18.88	0.0773
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@160	20.8	18.9	0.0776
78	30	60	650000	3750	CP-OFDM QPSK	81@40	23.97	22.07	0.1611
78	30	60	650000	3750	CP-OFDM QPSK	1@1	23.83	21.93	0.1560
78	30	60	650000	3750	CP-OFDM QPSK	1@160	24.04	22.14	0.1637
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	81@40	25.32	23.42	0.2198
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	25.13	23.23	0.2104
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@160	25.33	23.43	0.2203
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	25.49	23.59	0.2286
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	25.37	23.47	0.2223
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	25.41	23.51	0.2244
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	24.46	22.56	0.1803
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	24.36	22.46	0.1762
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	24.46	22.56	0.1803
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	81@40	22.94	21.04	0.1271
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@1	22.97	21.07	0.1279
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@160	23.1	21.2	0.1318
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	81@40	20.97	19.07	0.0807
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@1	20.69	18.79	0.0757
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@160	20.73	18.83	0.0764
78	30	60	651332	3769.98	CP-OFDM QPSK	81@40	24	22.1	0.1622
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	23.93	22.03	0.1596
78	30	60	651332	3769.98	CP-OFDM QPSK	1@160	23.95	22.05	0.1603
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	90@45	25.22	23.32	0.2148
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	25.01	23.11	0.2046
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@187	25.14	23.24	0.2109
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	25.23	23.33	0.2153
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	25.05	23.15	0.2065
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	25.05	23.15	0.2065
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	24.21	22.31	0.1702
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	23.93	22.03	0.1596
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	24.03	22.13	0.1633
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	90@45	22.73	20.83	0.1211
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@1	22.42	20.52	0.1127
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@187	22.47	20.57	0.1140

78	30	70	649000	3735	DFT-s-OFDM 256 QAM	90@45	20.63	18.73	0.0746
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@1	20.45	18.55	0.0716
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@187	20.48	18.58	0.0721
78	30	70	649000	3735	CP-OFDM QPSK	95@47	23.74	21.84	0.1528
78	30	70	649000	3735	CP-OFDM QPSK	1@1	23.59	21.69	0.1476
78	30	70	649000	3735	CP-OFDM QPSK	1@187	23.67	21.77	0.1503
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	90@45	25.13	23.23	0.2104
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.04	23.14	0.2061
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@187	25.09	23.19	0.2084
78	30	70	650000	3750	DFT-s-OFDM QPSK	90@45	25.2	23.3	0.2138
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	25.1	23.2	0.2089
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@187	25.15	23.25	0.2113
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	90@45	24.17	22.27	0.1687
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.06	22.16	0.1644
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@187	24.04	22.14	0.1637
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	90@45	22.67	20.77	0.1194
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.44	20.54	0.1132
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@187	22.48	20.58	0.1143
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	90@45	20.67	18.77	0.0753
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.45	18.55	0.0716
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@187	20.55	18.65	0.0733
78	30	70	650000	3750	CP-OFDM QPSK	95@47	23.69	21.79	0.1510
78	30	70	650000	3750	CP-OFDM QPSK	1@1	23.62	21.72	0.1486
78	30	70	650000	3750	CP-OFDM QPSK	1@187	23.67	21.77	0.1503
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	90@45	25.31	23.41	0.2193
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	25.19	23.29	0.2133
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@187	25.21	23.31	0.2143
78	30	70	651000	3765	DFT-s-OFDM QPSK	90@45	25.32	23.42	0.2198
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	25.19	23.29	0.2133
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@187	25.13	23.23	0.2104
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	24.31	22.41	0.1742
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	24.1	22.2	0.1660
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	24.12	22.22	0.1667
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	90@45	22.85	20.95	0.1245
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@1	22.44	20.54	0.1132
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@187	22.41	20.51	0.1125

78	30	70	651000	3765	DFT-s-OFDM 256 QAM	90@45	20.82	18.92	0.0780
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@1	20.46	18.56	0.0718
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@187	20.65	18.75	0.0750
78	30	70	651000	3765	CP-OFDM QPSK	95@47	23.84	21.94	0.1563
78	30	70	651000	3765	CP-OFDM QPSK	1@1	23.64	21.74	0.1493
78	30	70	651000	3765	CP-OFDM QPSK	1@187	23.67	21.77	0.1503
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	108@54	25.26	23.36	0.2168
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	24.96	23.06	0.2023
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@215	25.2	23.3	0.2138
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	25.43	23.53	0.2254
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	25.37	23.47	0.2223
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	25.38	23.48	0.2228
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	24.44	22.54	0.1795
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	24.41	22.51	0.1782
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	24.52	22.62	0.1828
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	108@54	22.96	21.06	0.1276
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@1	22.57	20.67	0.1167
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@215	22.64	20.74	0.1186
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	108@54	20.94	19.04	0.0802
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@1	20.7	18.8	0.0759
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@215	20.95	19.05	0.0804
78	30	80	649334	3740.01	CP-OFDM QPSK	109@54	23.95	22.05	0.1603
78	30	80	649334	3740.01	CP-OFDM QPSK	1@1	23.93	22.03	0.1596
78	30	80	649334	3740.01	CP-OFDM QPSK	1@215	24.02	22.12	0.1629
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	108@54	25.2	23.3	0.2138
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	24.99	23.09	0.2037
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@215	25.12	23.22	0.2099
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	25.45	23.55	0.2265
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	25.32	23.42	0.2198
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	25.27	23.37	0.2173
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	24.47	22.57	0.1807
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.09	22.19	0.1656
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	24.34	22.44	0.1754
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	108@54	22.95	21.05	0.1274
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.47	20.57	0.1140
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@215	22.76	20.86	0.1219

78	30	80	650000	3750	DFT-s-OFDM 256 QAM	108@54	20.91	19.01	0.0796
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.69	18.79	0.0757
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@215	20.87	18.97	0.0789
78	30	80	650000	3750	CP-OFDM QPSK	109@54	23.94	22.04	0.1600
78	30	80	650000	3750	CP-OFDM QPSK	1@1	23.87	21.97	0.1574
78	30	80	650000	3750	CP-OFDM QPSK	1@215	24	22.1	0.1622
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	108@54	25.31	23.41	0.2193
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	25	23.1	0.2042
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@215	25.21	23.31	0.2143
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	25.52	23.62	0.2301
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	25.35	23.45	0.2213
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	25.43	23.53	0.2254
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	24.51	22.61	0.1824
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	24.17	22.27	0.1687
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	24.5	22.6	0.1820
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	108@54	23.01	21.11	0.1291
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@1	22.5	20.6	0.1148
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@215	22.82	20.92	0.1236
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	108@54	20.97	19.07	0.0807
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@1	20.74	18.84	0.0766
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@215	20.92	19.02	0.0798
78	30	80	650666	3759.99	CP-OFDM QPSK	109@54	24	22.1	0.1622
78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	23.91	22.01	0.1589
78	30	80	650666	3759.99	CP-OFDM QPSK	1@215	24.05	22.15	0.1641
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	120@60	25.2	23.3	0.2138
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	24.96	23.06	0.2023
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@243	25.18	23.28	0.2128
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	25.44	23.54	0.2259
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	25.28	23.38	0.2178
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	25.46	23.56	0.2270
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	24.48	22.58	0.1811
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	24.2	22.3	0.1698
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	24.36	22.46	0.1762
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	120@60	22.89	20.99	0.1256
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@1	22.6	20.7	0.1175
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@243	22.82	20.92	0.1236

78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	120@60	20.93	19.03	0.0800
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@1	20.73	18.83	0.0764
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@243	20.89	18.99	0.0793
78	30	90	649668	3745.02	CP-OFDM QPSK	123@61	23.96	22.06	0.1607
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	23.85	21.95	0.1567
78	30	90	649668	3745.02	CP-OFDM QPSK	1@243	24.02	22.12	0.1629
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	120@60	25.21	23.31	0.2143
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.01	23.11	0.2046
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@243	25.11	23.21	0.2094
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	25.48	23.58	0.2280
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	25.27	23.37	0.2173
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	25.43	23.53	0.2254
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	24.44	22.54	0.1795
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.22	22.32	0.1706
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	24.45	22.55	0.1799
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	120@60	22.97	21.07	0.1279
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.82	20.92	0.1236
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@243	22.99	21.09	0.1285
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	120@60	20.99	19.09	0.0811
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.63	18.73	0.0746
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@243	20.79	18.89	0.0774
78	30	90	650000	3750	CP-OFDM QPSK	123@61	23.94	22.04	0.1600
78	30	90	650000	3750	CP-OFDM QPSK	1@1	23.9	22	0.1585
78	30	90	650000	3750	CP-OFDM QPSK	1@243	24.06	22.16	0.1644
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	120@60	25.26	23.36	0.2168
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	25.01	23.11	0.2046
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@243	25.2	23.3	0.2138
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	25.46	23.56	0.2270
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	25.3	23.4	0.2188
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	25.44	23.54	0.2259
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	24.47	22.57	0.1807
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	24.21	22.31	0.1702
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	24.38	22.48	0.1770
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	120@60	22.94	21.04	0.1271
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@1	22.59	20.69	0.1172
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@243	22.98	21.08	0.1282

78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	120@60	20.98	19.08	0.0809
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@1	20.64	18.74	0.0748
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@243	20.92	19.02	0.0798
78	30	90	650332	3754.98	CP-OFDM QPSK	123@61	23.95	22.05	0.1603
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	23.85	21.95	0.1567
78	30	90	650332	3754.98	CP-OFDM QPSK	1@243	24.03	22.13	0.1633
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.19	23.29	0.2133
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	24.94	23.04	0.2014
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	25.28	23.38	0.2178
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	25.37	23.47	0.2223
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	25.21	23.31	0.2143
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	25.48	23.58	0.2280
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	24.32	22.42	0.1746
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.18	22.28	0.1690
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	24.43	22.53	0.1791
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	22.87	20.97	0.1250
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.6	20.7	0.1175
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	22.92	21.02	0.1265
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	20.85	18.95	0.0785
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.54	18.64	0.0731
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	20.86	18.96	0.0787
78	30	100	650000	3750	CP-OFDM QPSK	137@68	23.89	21.99	0.1581
78	30	100	650000	3750	CP-OFDM QPSK	1@1	23.75	21.85	0.1531
78	30	100	650000	3750	CP-OFDM QPSK	1@271	24.06	22.16	0.1644

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00405	PASS	NV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00693	PASS	LV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.0058	PASS	HV
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.0058	PASS	-30°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00291	PASS	-20°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00367	PASS	-10°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00422	PASS	0°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00898	PASS	10°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00326	PASS	20°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00776	PASS	30°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00528	PASS	40°C
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	-0.00683	PASS	50°C

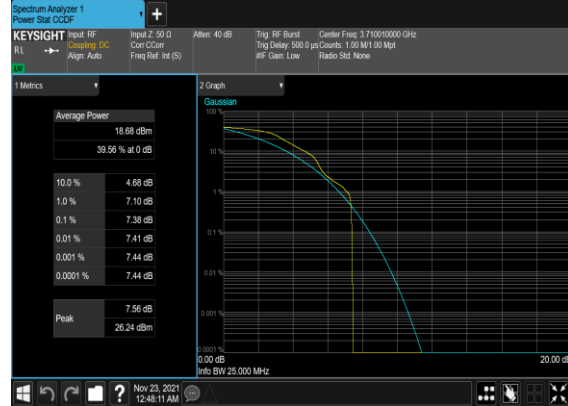
Peak to Average Radio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	8.25	13	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	7.38	13	PASS
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	7.65	13	PASS
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	1@0	8.17	13	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	50@0	7.63	13	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@0	7.77	13	PASS

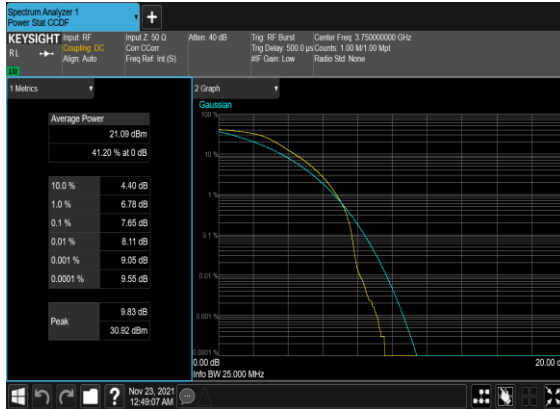
N78(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



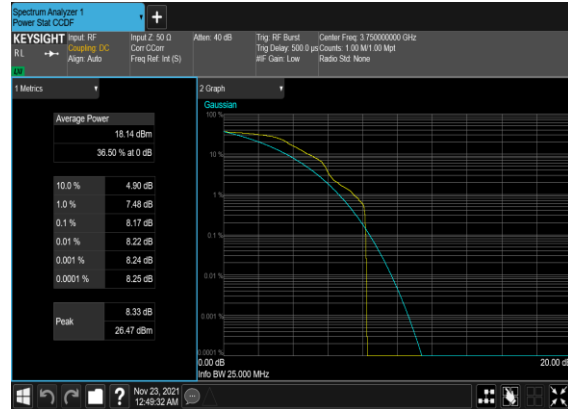
N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



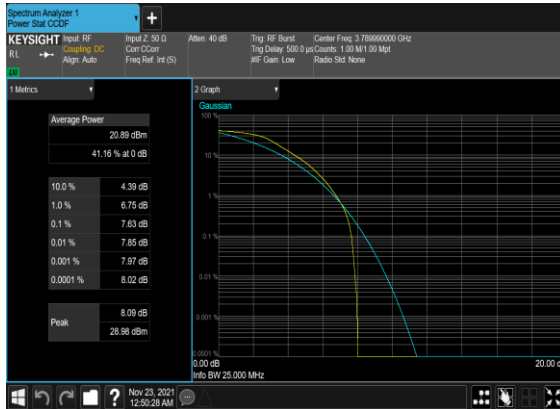
N78(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N78(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)
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	50@0	17.857	19.19
78	30	20	650000	3750.0	CP-OFDM QPSK	51@0	18.218	19.82
78	30	20	650000	3750.0	CP-OFDM 16 QAM	51@0	18.153	19.55
78	30	20	650000	3750.0	CP-OFDM 64 QAM	51@0	18.208	19.59
78	30	20	650000	3750.0	CP-OFDM 256 QAM	51@0	18.199	19.87
78	30	30	650000	3750.0	DFT-s-OFDM QPSK	75@0	26.731	28.32
78	30	30	650000	3750.0	CP-OFDM QPSK	78@0	27.815	29.34
78	30	30	650000	3750.0	CP-OFDM 16 QAM	78@0	27.822	29.73
78	30	30	650000	3750.0	CP-OFDM 64 QAM	78@0	27.866	29.54
78	30	30	650000	3750.0	CP-OFDM 256 QAM	78@0	27.817	29.25
78	30	40	650000	3750.0	DFT-s-OFDM QPSK	100@0	35.742	37.74
78	30	40	650000	3750.0	CP-OFDM QPSK	106@0	37.861	39.79
78	30	40	650000	3750.0	CP-OFDM 16 QAM	106@0	37.911	39.59
78	30	40	650000	3750.0	CP-OFDM 64 QAM	106@0	37.839	39.48
78	30	40	650000	3750.0	CP-OFDM 256 QAM	106@0	37.907	39.54
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	128@0	45.795	47.79
78	30	50	650000	3750.0	CP-OFDM QPSK	133@0	47.451	49.67
78	30	50	650000	3750.0	CP-OFDM 16 QAM	133@0	47.472	49.46
78	30	50	650000	3750.0	CP-OFDM 64 QAM	133@0	47.512	49.34
78	30	50	650000	3750.0	CP-OFDM 256 QAM	133@0	47.505	49.52
78	30	60	650000	3750.0	DFT-s-OFDM QPSK	162@0	57.91	60.23
78	30	60	650000	3750.0	CP-OFDM QPSK	162@0	57.749	60.16
78	30	60	650000	3750.0	CP-OFDM 16 QAM	162@0	57.818	59.92
78	30	60	650000	3750.0	CP-OFDM 64 QAM	162@0	57.789	59.92
78	30	60	650000	3750.0	CP-OFDM 256 QAM	162@0	57.831	59.91

78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	64.329	66.73
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	67.563	69.85
78	30	70	650000	3750.0	CP-OFDM 16 QAM	189@0	67.578	70.05
78	30	70	650000	3750.0	CP-OFDM 64 QAM	189@0	67.593	70.13
78	30	70	650000	3750.0	CP-OFDM 256 QAM	189@0	67.591	69.84
78	30	80	650000	3750.0	DFT-s-OFDM QPSK	216@0	77.107	79.79
78	30	80	650000	3750.0	CP-OFDM QPSK	217@0	77.532	80.18
78	30	80	650000	3750.0	CP-OFDM 16 QAM	217@0	77.446	80.07
78	30	80	650000	3750.0	CP-OFDM 64 QAM	217@0	77.567	80.34
78	30	80	650000	3750.0	CP-OFDM 256 QAM	217@0	77.436	80.07
78	30	90	650000	3750.0	DFT-s-OFDM QPSK	240@0	85.872	88.7
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	87.402	90.37
78	30	90	650000	3750.0	CP-OFDM 16 QAM	245@0	87.554	90.42
78	30	90	650000	3750.0	CP-OFDM 64 QAM	245@0	87.381	90.33
78	30	90	650000	3750.0	CP-OFDM 256 QAM	245@0	87.578	90.55
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	96.442	99.48
78	30	100	650000	3750.0	CP-OFDM QPSK	273@0	97.441	100.9
78	30	100	650000	3750.0	CP-OFDM 16 QAM	273@0	97.566	100.8
78	30	100	650000	3750.0	CP-OFDM 64 QAM	273@0	97.324	100.5
78	30	100	650000	3750.0	CP-OFDM 256 QAM	273@0	97.376	100.8

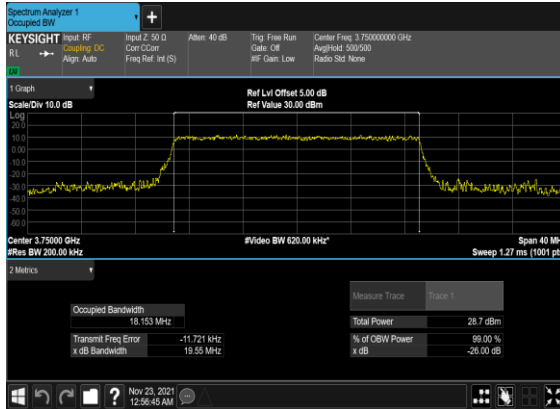
N78(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



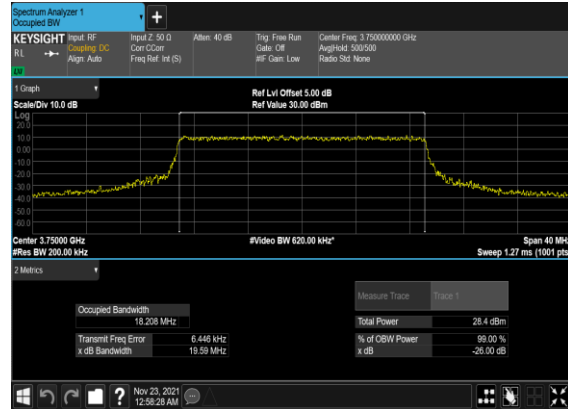
N78(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



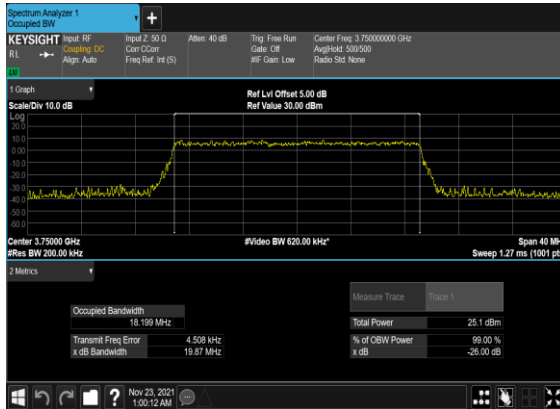
N78(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



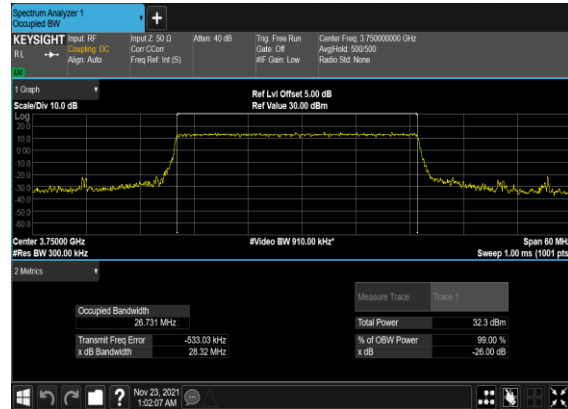
N78(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N78(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N78(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



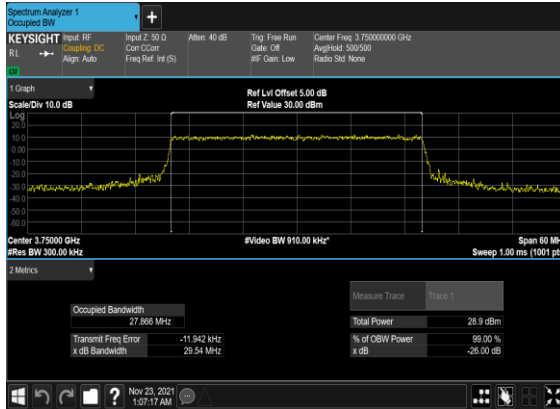
N78(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



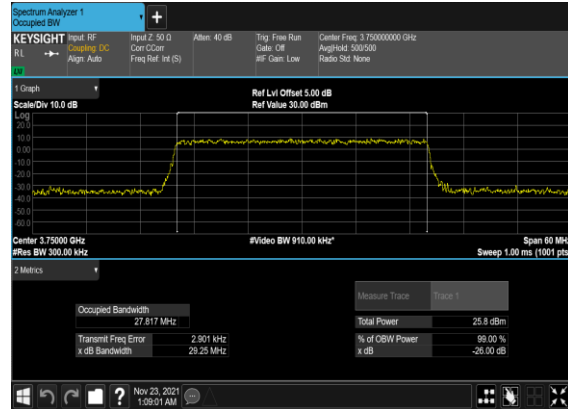
N78(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



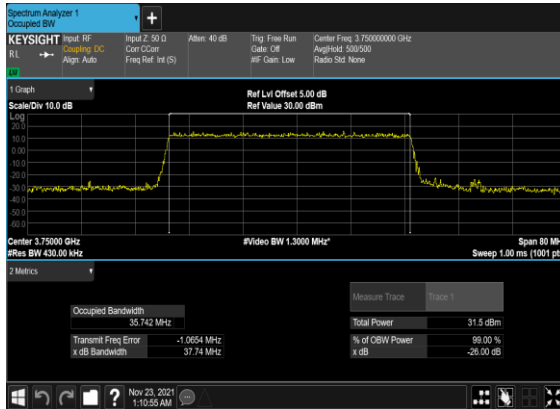
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QAM_Outer_Full_Mid_CH



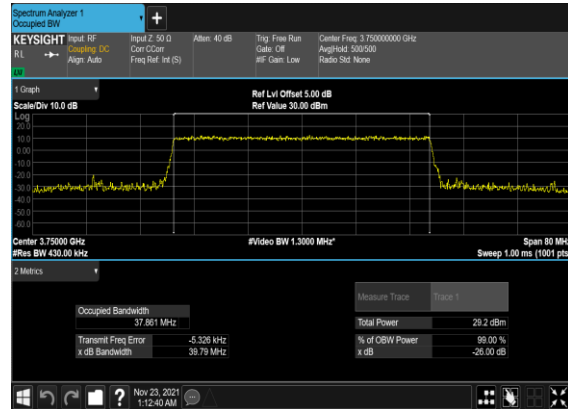
N78(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



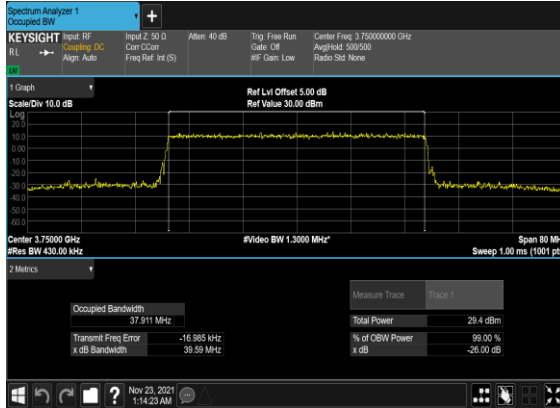
N78(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



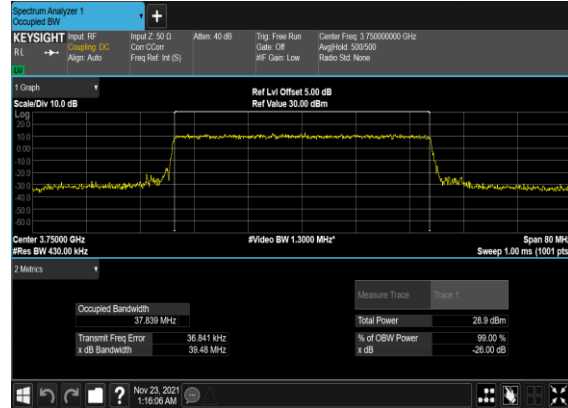
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OFDM_QPSK_Outer_Full_Mid_CH



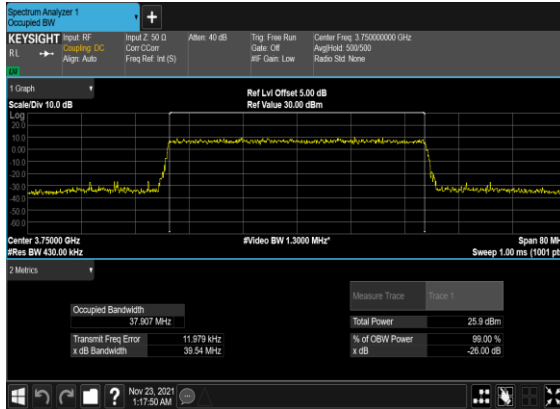
N78(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



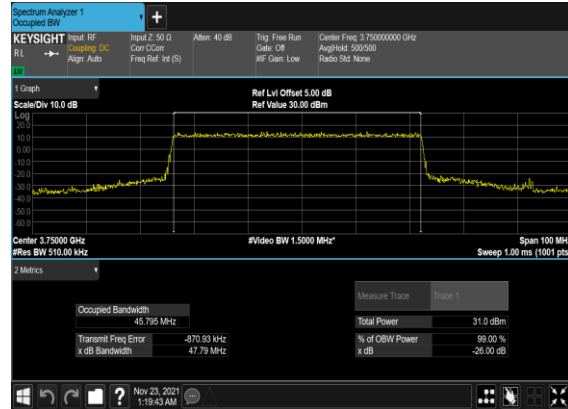
N78(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



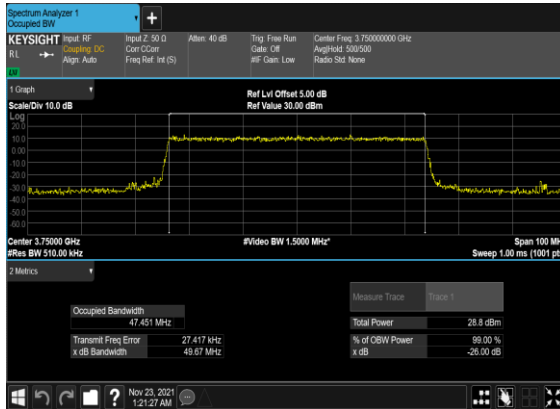
N78(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



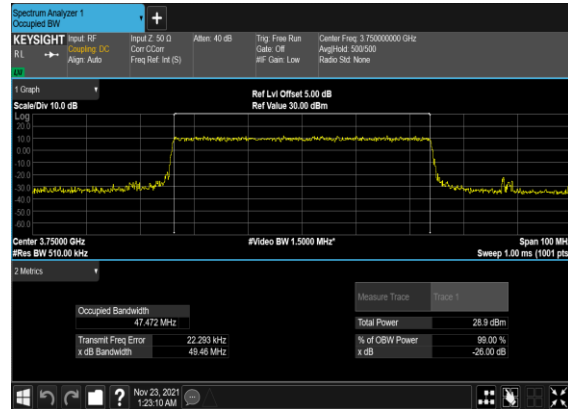
N78(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



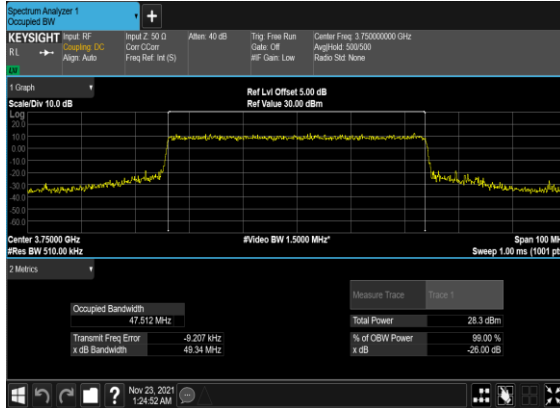
N78(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



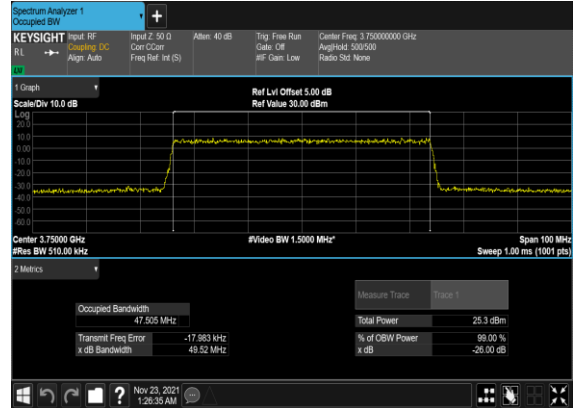
N78(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



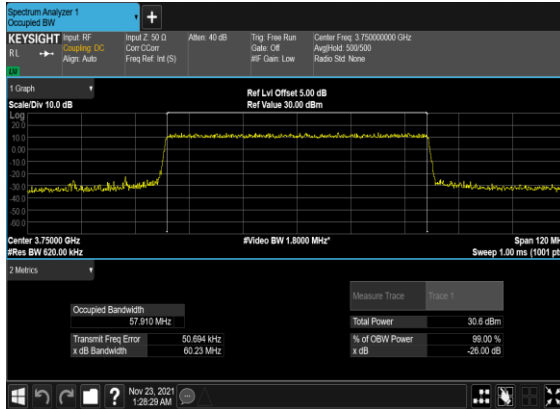
N78(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



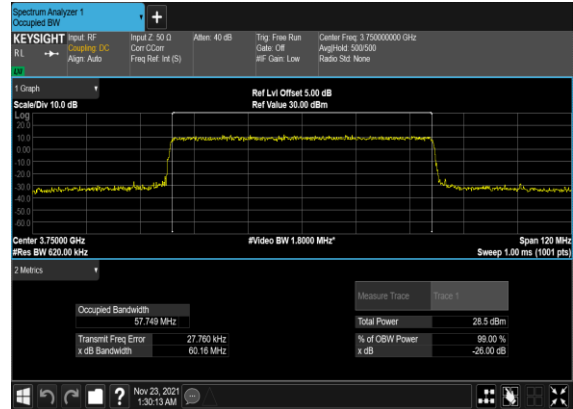
N78(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



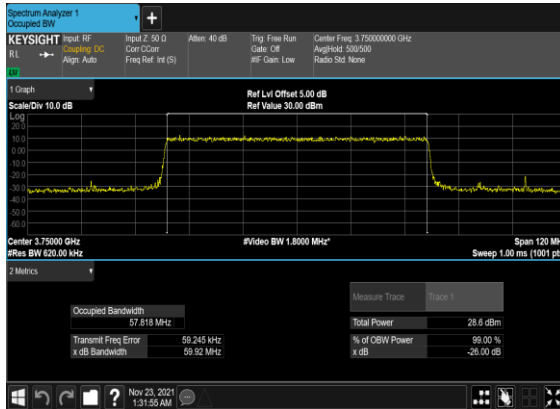
N78(60M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



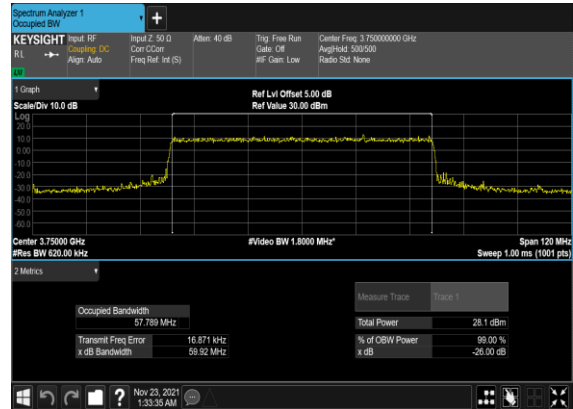
N78(60M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



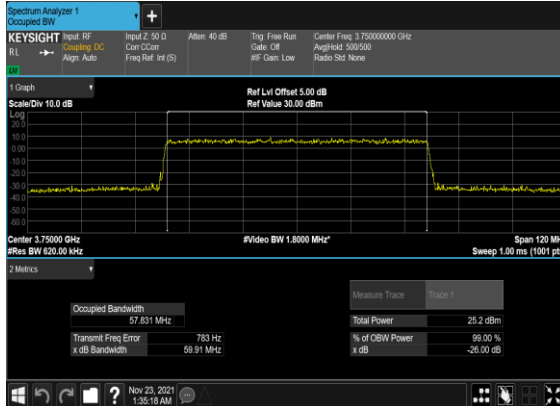
N78(60M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



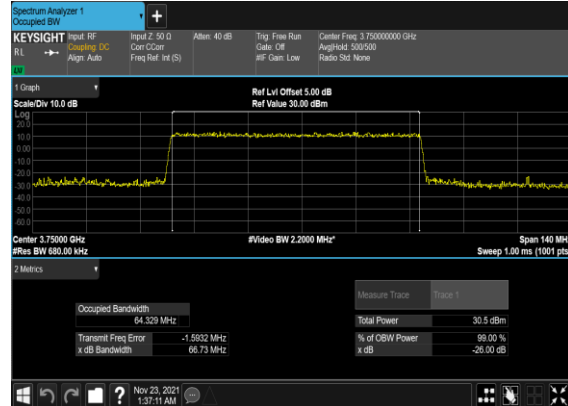
N78(60M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



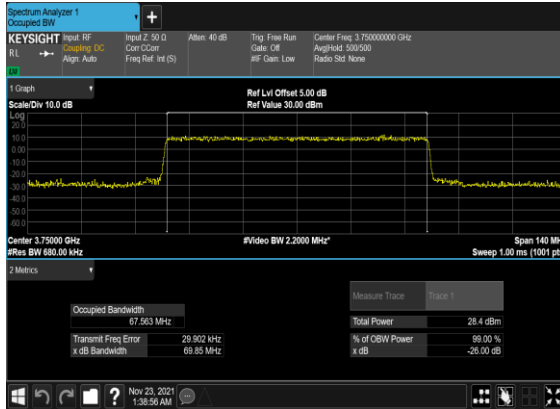
N78(60M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



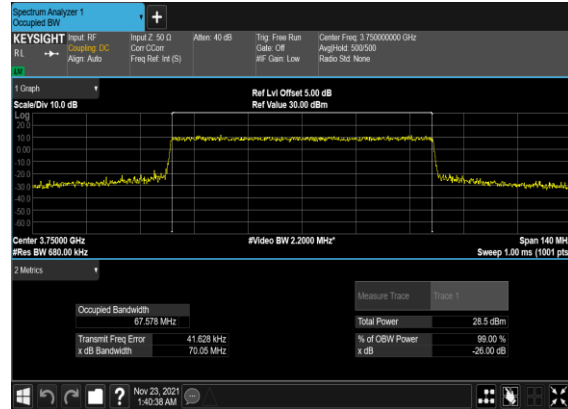
N78(70M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



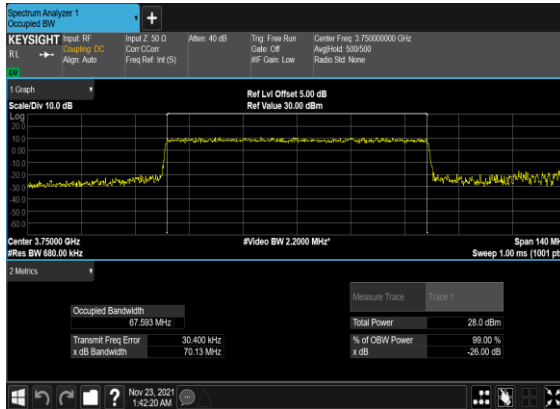
N78(70M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



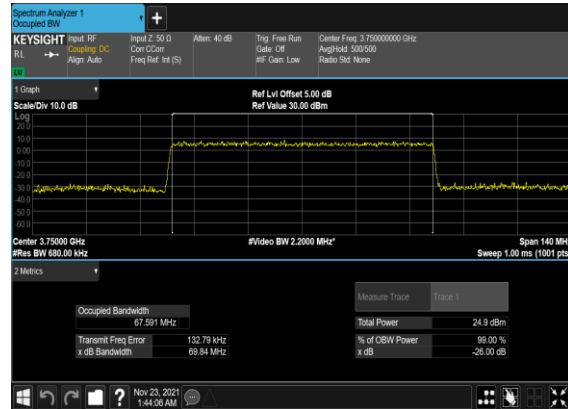
N78(70M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



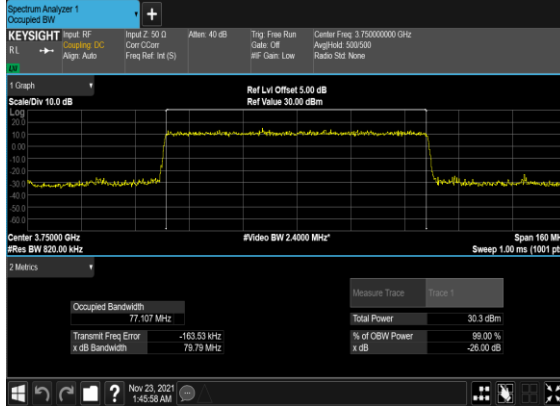
N78(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



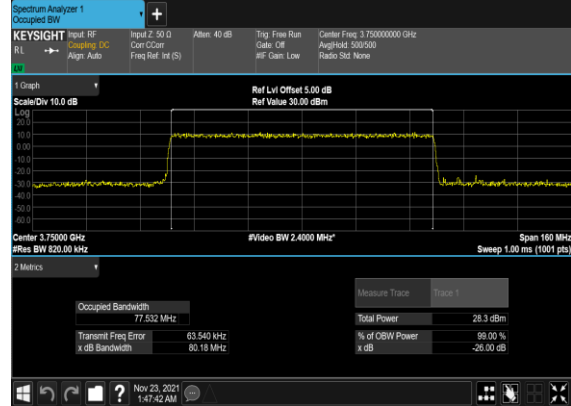
N78(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



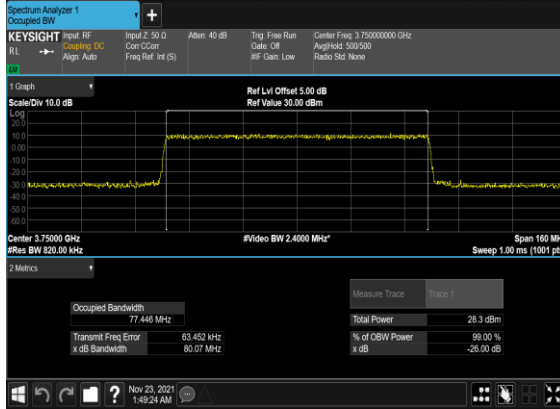
N78(80M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



N78(80M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



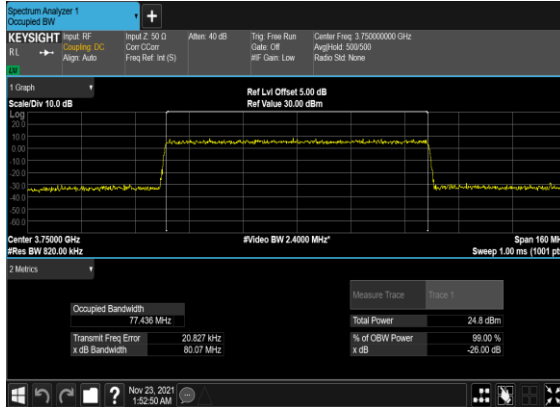
N78(80M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



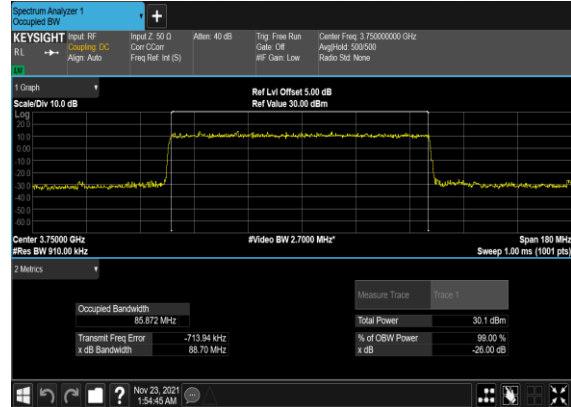
N78(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N78(80M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N78(90M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



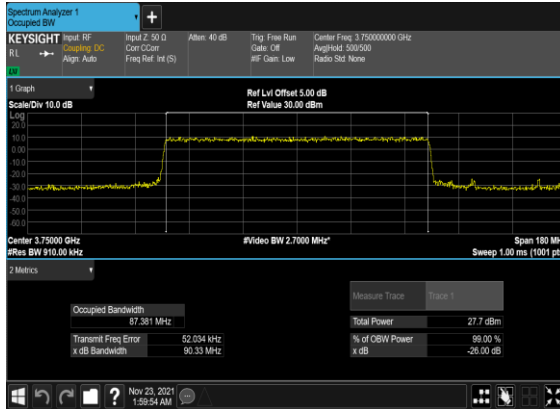
N78(90M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



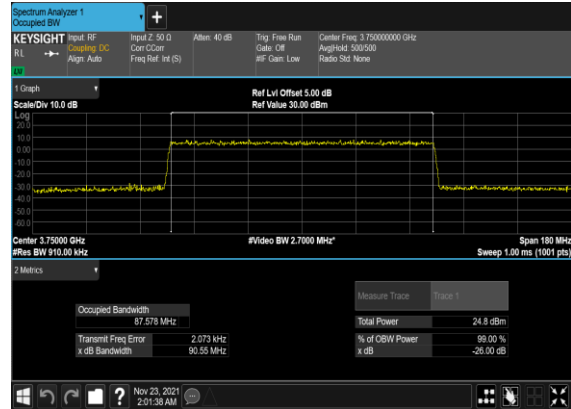
N78(90M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



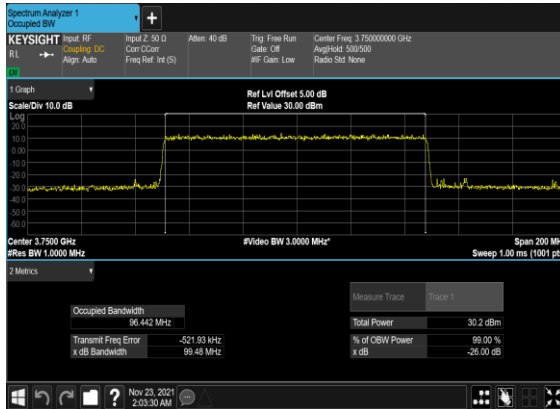
N78(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



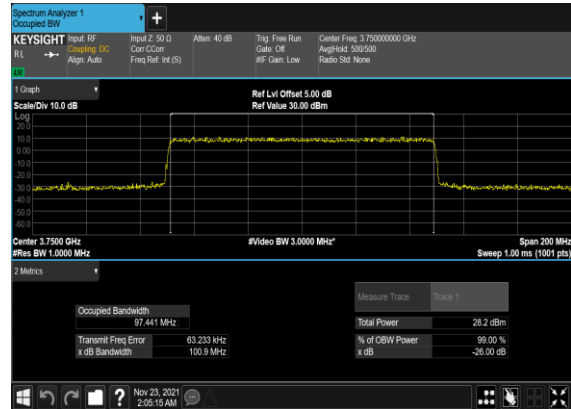
N78(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



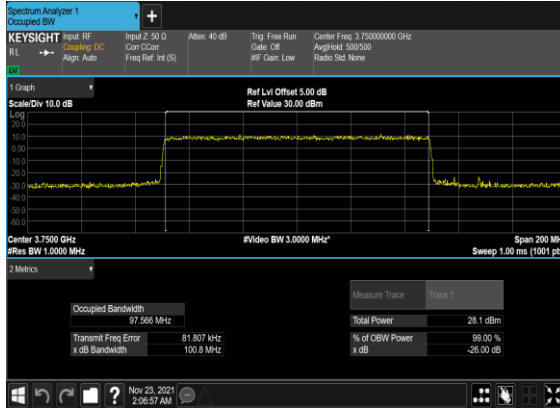
N78(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



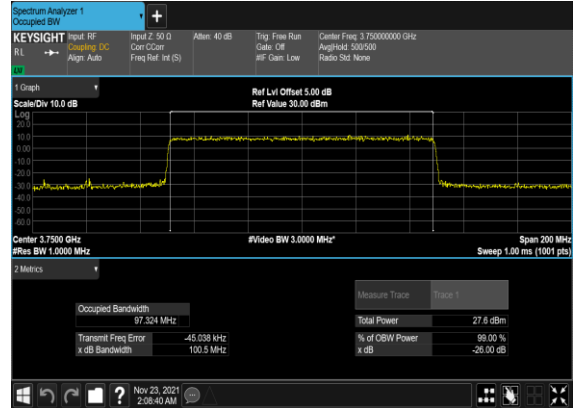
N78(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



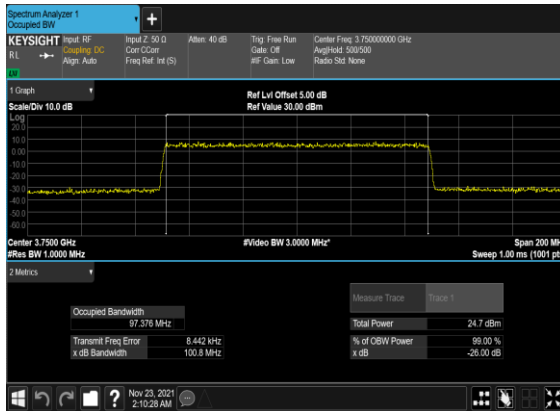
N78(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N78(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N78(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	60	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



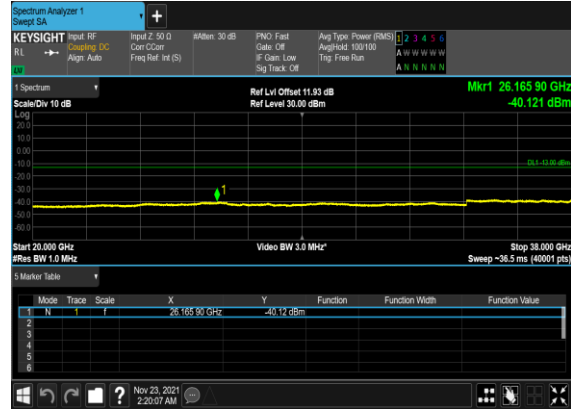
N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



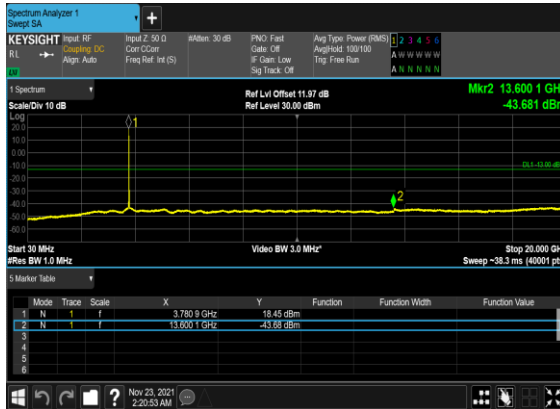
N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



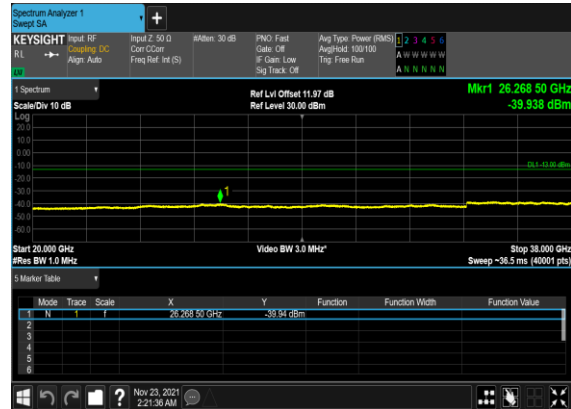
N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



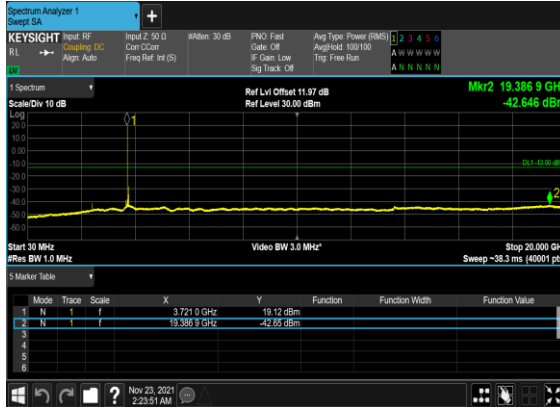
N78(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



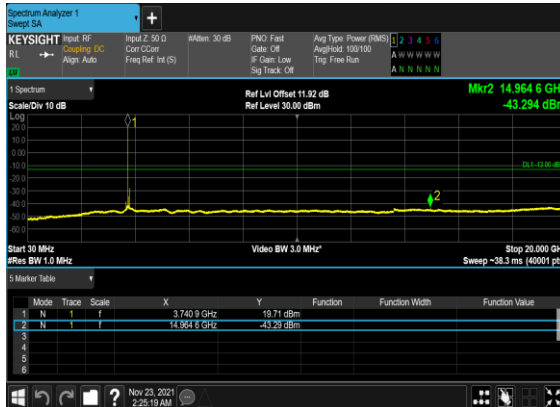
N78(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



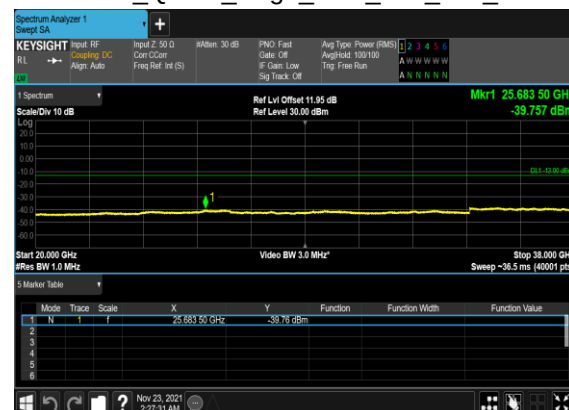
N78(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N78(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



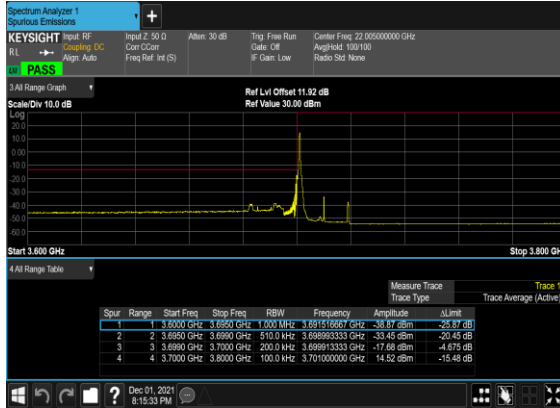
N78(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@50	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@161	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

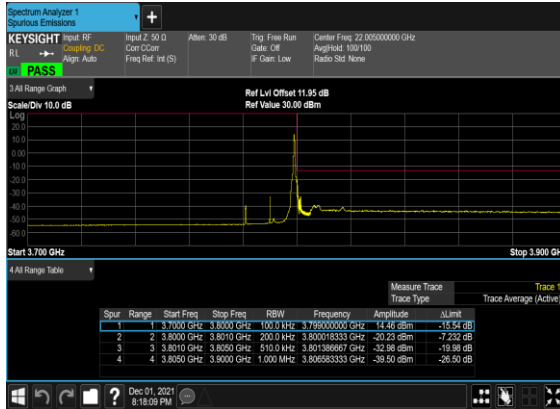
N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



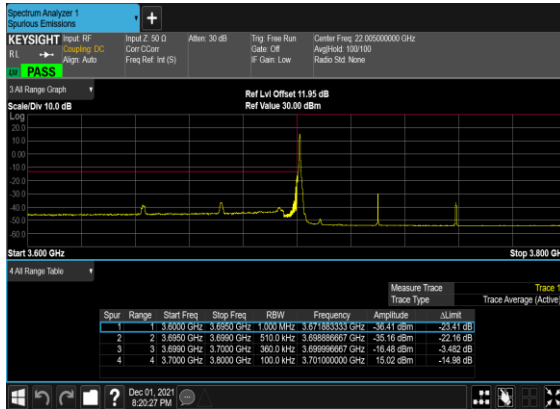
N78(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N78(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N78(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(60M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

