

77	30	30	664332	3964.98	DFT-s-OFDM 64 QAM	1@76	19.83	19.53	0.0897
77	30	30	664332	3964.98	DFT-s-OFDM 256 QAM	36@18	17.85	17.55	0.0569
77	30	30	664332	3964.98	DFT-s-OFDM 256 QAM	1@1	18.05	17.75	0.0596
77	30	30	664332	3964.98	DFT-s-OFDM 256 QAM	1@76	18	17.7	0.0589
77	30	30	664332	3964.98	CP-OFDM QPSK	39@19	20.92	20.62	0.1153
77	30	30	664332	3964.98	CP-OFDM QPSK	1@1	21.06	20.76	0.1191
77	30	30	664332	3964.98	CP-OFDM QPSK	1@76	20.92	20.62	0.1153
77	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	50@25	22.81	22.51	0.1782
77	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	22.98	22.68	0.1854
77	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@104	22.76	22.46	0.1762
77	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	22.76	22.46	0.1762
77	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	22.97	22.67	0.1849
77	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	22.67	22.37	0.1726
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	21.83	21.53	0.1422
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	22.07	21.77	0.1503
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	21.75	21.45	0.1396
77	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	20.32	20.02	0.1005
77	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	20.31	20.01	0.1002
77	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	20.1	19.8	0.0955
77	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	18.24	17.94	0.0622
77	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	18.54	18.24	0.0667
77	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	18.32	18.02	0.0634
77	30	40	648000	3720	CP-OFDM QPSK	53@26	21.25	20.95	0.1245
77	30	40	648000	3720	CP-OFDM QPSK	1@1	21.49	21.19	0.1315
77	30	40	648000	3720	CP-OFDM QPSK	1@104	21.22	20.92	0.1236
77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	50@25	22.39	22.09	0.1618
77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	22.43	22.13	0.1633
77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	1@104	22.22	21.92	0.1556
77	30	40	656000	3840	DFT-s-OFDM QPSK	50@25	22.39	22.09	0.1618
77	30	40	656000	3840	DFT-s-OFDM QPSK	1@1	22.46	22.16	0.1644
77	30	40	656000	3840	DFT-s-OFDM QPSK	1@104	22.26	21.96	0.1570
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	50@25	21.32	21.02	0.1265
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	1@1	21.71	21.41	0.1384
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	1@104	21.26	20.96	0.1247
77	30	40	656000	3840	DFT-s-OFDM 64 QAM	50@25	19.91	19.61	0.0914
77	30	40	656000	3840	DFT-s-OFDM 64 QAM	1@1	19.84	19.54	0.0899

77	30	40	656000	3840	DFT-s-OFDM 64 QAM	1@104	19.59	19.29	0.0849
77	30	40	656000	3840	DFT-s-OFDM 256 QAM	50@25	17.84	17.54	0.0568
77	30	40	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.01	17.71	0.0590
77	30	40	656000	3840	DFT-s-OFDM 256 QAM	1@104	17.74	17.44	0.0555
77	30	40	656000	3840	CP-OFDM QPSK	53@26	20.83	20.53	0.1130
77	30	40	656000	3840	CP-OFDM QPSK	1@1	21.01	20.71	0.1178
77	30	40	656000	3840	CP-OFDM QPSK	1@104	20.79	20.49	0.1119
77	30	40	664000	3960	DFT-s-OFDM PI/2 BPSK	50@25	22.56	22.26	0.1683
77	30	40	664000	3960	DFT-s-OFDM PI/2 BPSK	1@1	22.55	22.25	0.1679
77	30	40	664000	3960	DFT-s-OFDM PI/2 BPSK	1@104	22.6	22.3	0.1698
77	30	40	664000	3960	DFT-s-OFDM QPSK	50@25	22.5	22.2	0.1660
77	30	40	664000	3960	DFT-s-OFDM QPSK	1@1	22.65	22.35	0.1718
77	30	40	664000	3960	DFT-s-OFDM QPSK	1@104	22.66	22.36	0.1722
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	50@25	21.46	21.16	0.1306
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	1@1	21.66	21.36	0.1368
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	1@104	21.84	21.54	0.1426
77	30	40	664000	3960	DFT-s-OFDM 64 QAM	50@25	20.02	19.72	0.0938
77	30	40	664000	3960	DFT-s-OFDM 64 QAM	1@1	19.95	19.65	0.0923
77	30	40	664000	3960	DFT-s-OFDM 64 QAM	1@104	20	19.7	0.0933
77	30	40	664000	3960	DFT-s-OFDM 256 QAM	50@25	18	17.7	0.0589
77	30	40	664000	3960	DFT-s-OFDM 256 QAM	1@1	18.07	17.77	0.0598
77	30	40	664000	3960	DFT-s-OFDM 256 QAM	1@104	18.16	17.86	0.0611
77	30	40	664000	3960	CP-OFDM QPSK	53@26	20.95	20.65	0.1161
77	30	40	664000	3960	CP-OFDM QPSK	1@1	21.04	20.74	0.1186
77	30	40	664000	3960	CP-OFDM QPSK	1@104	21.12	20.82	0.1208
77	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	64@32	22.68	22.38	0.1730
77	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	22.71	22.41	0.1742
77	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@131	22.48	22.18	0.1652
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	64@32	22.75	22.45	0.1758
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	22.68	22.38	0.1730
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	22.43	22.13	0.1633
77	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	21.67	21.37	0.1371
77	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	21.62	21.32	0.1355
77	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	21.38	21.08	0.1282
77	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	64@32	20.25	19.95	0.0989
77	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	20.04	19.74	0.0942

77	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@131	19.78	19.48	0.0887
77	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	64@32	18.12	17.82	0.0605
77	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	18.26	17.96	0.0625
77	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@131	17.91	17.61	0.0577
77	30	50	648334	3725.01	CP-OFDM QPSK	67@33	21.19	20.89	0.1227
77	30	50	648334	3725.01	CP-OFDM QPSK	1@1	21.19	20.89	0.1227
77	30	50	648334	3725.01	CP-OFDM QPSK	1@131	20.97	20.67	0.1167
77	30	50	656000	3840	DFT-s-OFDM PI/2 BPSK	64@32	22.59	22.29	0.1694
77	30	50	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	22.74	22.44	0.1754
77	30	50	656000	3840	DFT-s-OFDM PI/2 BPSK	1@131	22.44	22.14	0.1637
77	30	50	656000	3840	DFT-s-OFDM QPSK	64@32	22.64	22.34	0.1714
77	30	50	656000	3840	DFT-s-OFDM QPSK	1@1	22.64	22.34	0.1714
77	30	50	656000	3840	DFT-s-OFDM QPSK	1@131	22.47	22.17	0.1648
77	30	50	656000	3840	DFT-s-OFDM 16 QAM	64@32	21.54	21.24	0.1330
77	30	50	656000	3840	DFT-s-OFDM 16 QAM	1@1	21.74	21.44	0.1393
77	30	50	656000	3840	DFT-s-OFDM 16 QAM	1@131	21.32	21.02	0.1265
77	30	50	656000	3840	DFT-s-OFDM 64 QAM	64@32	20.11	19.81	0.0957
77	30	50	656000	3840	DFT-s-OFDM 64 QAM	1@1	19.97	19.67	0.0927
77	30	50	656000	3840	DFT-s-OFDM 64 QAM	1@131	19.74	19.44	0.0879
77	30	50	656000	3840	DFT-s-OFDM 256 QAM	64@32	17.94	17.64	0.0581
77	30	50	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.18	17.88	0.0614
77	30	50	656000	3840	DFT-s-OFDM 256 QAM	1@131	18.13	17.83	0.0607
77	30	50	656000	3840	CP-OFDM QPSK	67@33	21.08	20.78	0.1197
77	30	50	656000	3840	CP-OFDM QPSK	1@1	21.15	20.85	0.1216
77	30	50	656000	3840	CP-OFDM QPSK	1@131	21	20.7	0.1175
77	30	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	64@32	22.26	21.96	0.1570
77	30	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	1@1	22.27	21.97	0.1574
77	30	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	1@131	22.35	22.05	0.1603
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	64@32	22.26	21.96	0.1570
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@1	22.31	22.01	0.1589
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@131	22.31	22.01	0.1589
77	30	50	663666	3954.99	DFT-s-OFDM 16 QAM	64@32	21.28	20.98	0.1253
77	30	50	663666	3954.99	DFT-s-OFDM 16 QAM	1@1	21.4	21.1	0.1288
77	30	50	663666	3954.99	DFT-s-OFDM 16 QAM	1@131	21.39	21.09	0.1285
77	30	50	663666	3954.99	DFT-s-OFDM 64 QAM	64@32	19.72	19.42	0.0875
77	30	50	663666	3954.99	DFT-s-OFDM 64 QAM	1@1	19.68	19.38	0.0867

77	30	50	663666	3954.99	DFT-s-OFDM 64 QAM	1@131	19.66	19.36	0.0863
77	30	50	663666	3954.99	DFT-s-OFDM 256 QAM	64@32	17.76	17.46	0.0557
77	30	50	663666	3954.99	DFT-s-OFDM 256 QAM	1@1	17.87	17.57	0.0571
77	30	50	663666	3954.99	DFT-s-OFDM 256 QAM	1@131	17.89	17.59	0.0574
77	30	50	663666	3954.99	CP-OFDM QPSK	67@33	20.77	20.47	0.1114
77	30	50	663666	3954.99	CP-OFDM QPSK	1@1	20.86	20.56	0.1138
77	30	50	663666	3954.99	CP-OFDM QPSK	1@131	20.94	20.64	0.1159
77	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	81@40	22.64	22.34	0.1714
77	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	22.66	22.36	0.1722
77	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@160	22.48	22.18	0.1652
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	22.62	22.32	0.1706
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	22.7	22.4	0.1738
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	22.41	22.11	0.1626
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	21.58	21.28	0.1343
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	21.72	21.42	0.1387
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	21.49	21.19	0.1315
77	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	81@40	20.13	19.83	0.0962
77	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@1	20.11	19.81	0.0957
77	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@160	19.93	19.63	0.0918
77	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	81@40	18.07	17.77	0.0598
77	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@1	18.25	17.95	0.0624
77	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@160	17.98	17.68	0.0586
77	30	60	648668	3730.02	CP-OFDM QPSK	81@40	21.08	20.78	0.1197
77	30	60	648668	3730.02	CP-OFDM QPSK	1@1	21.17	20.87	0.1222
77	30	60	648668	3730.02	CP-OFDM QPSK	1@160	20.99	20.69	0.1172
77	30	60	656000	3840	DFT-s-OFDM PI/2 BPSK	81@40	22.6	22.3	0.1698
77	30	60	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	22.57	22.27	0.1687
77	30	60	656000	3840	DFT-s-OFDM PI/2 BPSK	1@160	22.5	22.2	0.1660
77	30	60	656000	3840	DFT-s-OFDM QPSK	81@40	22.58	22.28	0.1690
77	30	60	656000	3840	DFT-s-OFDM QPSK	1@1	22.63	22.33	0.1710
77	30	60	656000	3840	DFT-s-OFDM QPSK	1@160	22.37	22.07	0.1611
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	81@40	21.56	21.26	0.1337
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	1@1	21.67	21.37	0.1371
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	1@160	21.47	21.17	0.1309
77	30	60	656000	3840	DFT-s-OFDM 64 QAM	81@40	20.01	19.71	0.0935
77	30	60	656000	3840	DFT-s-OFDM 64 QAM	1@1	20.05	19.75	0.0944

77	30	60	656000	3840	DFT-s-OFDM 64 QAM	1@160	19.89	19.59	0.0910
77	30	60	656000	3840	DFT-s-OFDM 256 QAM	81@40	17.98	17.68	0.0586
77	30	60	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.15	17.85	0.0610
77	30	60	656000	3840	DFT-s-OFDM 256 QAM	1@160	17.94	17.64	0.0581
77	30	60	656000	3840	CP-OFDM QPSK	81@40	20.98	20.68	0.1169
77	30	60	656000	3840	CP-OFDM QPSK	1@1	21.19	20.89	0.1227
77	30	60	656000	3840	CP-OFDM QPSK	1@160	20.93	20.63	0.1156
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	81@40	22.56	22.26	0.1683
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	1@1	22.5	22.2	0.1660
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	1@160	22.42	22.12	0.1629
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	81@40	22.58	22.28	0.1690
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@1	22.55	22.25	0.1679
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@160	22.43	22.13	0.1633
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	81@40	21.53	21.23	0.1327
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	1@1	21.33	21.03	0.1268
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	1@160	21.21	20.91	0.1233
77	30	60	663332	3949.98	DFT-s-OFDM 64 QAM	81@40	20.07	19.77	0.0948
77	30	60	663332	3949.98	DFT-s-OFDM 64 QAM	1@1	20.1	19.8	0.0955
77	30	60	663332	3949.98	DFT-s-OFDM 64 QAM	1@160	19.88	19.58	0.0908
77	30	60	663332	3949.98	DFT-s-OFDM 256 QAM	81@40	18.06	17.76	0.0597
77	30	60	663332	3949.98	DFT-s-OFDM 256 QAM	1@1	18.05	17.75	0.0596
77	30	60	663332	3949.98	DFT-s-OFDM 256 QAM	1@160	17.92	17.62	0.0578
77	30	60	663332	3949.98	CP-OFDM QPSK	81@40	21.05	20.75	0.1189
77	30	60	663332	3949.98	CP-OFDM QPSK	1@1	21.05	20.75	0.1189
77	30	60	663332	3949.98	CP-OFDM QPSK	1@160	20.99	20.69	0.1172
77	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	90@45	22.59	22.29	0.1694
77	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	22.58	22.28	0.1690
77	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@187	22.38	22.08	0.1614
77	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	22.49	22.19	0.1656
77	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	22.53	22.23	0.1671
77	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	22.34	22.04	0.1600
77	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	21.52	21.22	0.1324
77	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	21.46	21.16	0.1306
77	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	21.22	20.92	0.1236
77	30	70	649000	3735	DFT-s-OFDM 64 QAM	90@45	20.1	19.8	0.0955
77	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@1	19.91	19.61	0.0914

77	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@187	19.67	19.37	0.0865
77	30	70	649000	3735	DFT-s-OFDM 256 QAM	90@45	18.08	17.78	0.0600
77	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@1	18.03	17.73	0.0593
77	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@187	17.79	17.49	0.0561
77	30	70	649000	3735	CP-OFDM QPSK	95@47	21.01	20.71	0.1178
77	30	70	649000	3735	CP-OFDM QPSK	1@1	21.1	20.8	0.1202
77	30	70	649000	3735	CP-OFDM QPSK	1@187	20.93	20.63	0.1156
77	30	70	656000	3840	DFT-s-OFDM PI/2 BPSK	90@45	22.39	22.09	0.1618
77	30	70	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	22.51	22.21	0.1663
77	30	70	656000	3840	DFT-s-OFDM PI/2 BPSK	1@187	22.31	22.01	0.1589
77	30	70	656000	3840	DFT-s-OFDM QPSK	90@45	22.42	22.12	0.1629
77	30	70	656000	3840	DFT-s-OFDM QPSK	1@1	22.51	22.21	0.1663
77	30	70	656000	3840	DFT-s-OFDM QPSK	1@187	22.28	21.98	0.1578
77	30	70	656000	3840	DFT-s-OFDM 16 QAM	90@45	21.38	21.08	0.1282
77	30	70	656000	3840	DFT-s-OFDM 16 QAM	1@1	21.47	21.17	0.1309
77	30	70	656000	3840	DFT-s-OFDM 16 QAM	1@187	21.12	20.82	0.1208
77	30	70	656000	3840	DFT-s-OFDM 64 QAM	90@45	19.97	19.67	0.0927
77	30	70	656000	3840	DFT-s-OFDM 64 QAM	1@1	19.93	19.63	0.0918
77	30	70	656000	3840	DFT-s-OFDM 64 QAM	1@187	19.63	19.33	0.0857
77	30	70	656000	3840	DFT-s-OFDM 256 QAM	90@45	17.87	17.57	0.0571
77	30	70	656000	3840	DFT-s-OFDM 256 QAM	1@1	18	17.7	0.0589
77	30	70	656000	3840	DFT-s-OFDM 256 QAM	1@187	17.79	17.49	0.0561
77	30	70	656000	3840	CP-OFDM QPSK	95@47	20.9	20.6	0.1148
77	30	70	656000	3840	CP-OFDM QPSK	1@1	21.05	20.75	0.1189
77	30	70	656000	3840	CP-OFDM QPSK	1@187	20.85	20.55	0.1135
77	30	70	663000	3945	DFT-s-OFDM PI/2 BPSK	90@45	22.49	22.19	0.1656
77	30	70	663000	3945	DFT-s-OFDM PI/2 BPSK	1@1	22.45	22.15	0.1641
77	30	70	663000	3945	DFT-s-OFDM PI/2 BPSK	1@187	22.34	22.04	0.1600
77	30	70	663000	3945	DFT-s-OFDM QPSK	90@45	22.47	22.17	0.1648
77	30	70	663000	3945	DFT-s-OFDM QPSK	1@1	22.54	22.24	0.1675
77	30	70	663000	3945	DFT-s-OFDM QPSK	1@187	22.2	21.9	0.1549
77	30	70	663000	3945	DFT-s-OFDM 16 QAM	90@45	21.47	21.17	0.1309
77	30	70	663000	3945	DFT-s-OFDM 16 QAM	1@1	21.34	21.04	0.1271
77	30	70	663000	3945	DFT-s-OFDM 16 QAM	1@187	21.06	20.76	0.1191
77	30	70	663000	3945	DFT-s-OFDM 64 QAM	90@45	20.02	19.72	0.0938
77	30	70	663000	3945	DFT-s-OFDM 64 QAM	1@1	19.99	19.69	0.0931

77	30	70	663000	3945	DFT-s-OFDM 64 QAM	1@187	19.82	19.52	0.0895
77	30	70	663000	3945	DFT-s-OFDM 256 QAM	90@45	17.95	17.65	0.0582
77	30	70	663000	3945	DFT-s-OFDM 256 QAM	1@1	18.05	17.75	0.0596
77	30	70	663000	3945	DFT-s-OFDM 256 QAM	1@187	17.76	17.46	0.0557
77	30	70	663000	3945	CP-OFDM QPSK	95@47	21.01	20.71	0.1178
77	30	70	663000	3945	CP-OFDM QPSK	1@1	20.95	20.65	0.1161
77	30	70	663000	3945	CP-OFDM QPSK	1@187	20.75	20.45	0.1109
77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	108@54	22.57	22.27	0.1687
77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	22.43	22.13	0.1633
77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@215	22.24	21.94	0.1563
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	22.51	22.21	0.1663
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	22.49	22.19	0.1656
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	22.24	21.94	0.1563
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	21.45	21.15	0.1303
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	21.52	21.22	0.1324
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	21.18	20.88	0.1225
77	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	108@54	20.05	19.75	0.0944
77	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@1	19.94	19.64	0.0920
77	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@215	19.66	19.36	0.0863
77	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	108@54	17.99	17.69	0.0587
77	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@1	18.05	17.75	0.0596
77	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@215	17.75	17.45	0.0556
77	30	80	649334	3740.01	CP-OFDM QPSK	109@54	20.98	20.68	0.1169
77	30	80	649334	3740.01	CP-OFDM QPSK	1@1	21.09	20.79	0.1199
77	30	80	649334	3740.01	CP-OFDM QPSK	1@215	20.81	20.51	0.1125
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	108@54	22.48	22.18	0.1652
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	22.43	22.13	0.1633
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	1@215	22.36	22.06	0.1607
77	30	80	656000	3840	DFT-s-OFDM QPSK	108@54	22.43	22.13	0.1633
77	30	80	656000	3840	DFT-s-OFDM QPSK	1@1	22.44	22.14	0.1637
77	30	80	656000	3840	DFT-s-OFDM QPSK	1@215	22.24	21.94	0.1563
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	108@54	21.33	21.03	0.1268
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	1@1	21.42	21.12	0.1294
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	1@215	21.22	20.92	0.1236
77	30	80	656000	3840	DFT-s-OFDM 64 QAM	108@54	19.91	19.61	0.0914
77	30	80	656000	3840	DFT-s-OFDM 64 QAM	1@1	19.89	19.59	0.0910

77	30	80	656000	3840	DFT-s-OFDM 64 QAM	1@215	19.67	19.37	0.0865
77	30	80	656000	3840	DFT-s-OFDM 256 QAM	108@54	17.93	17.63	0.0579
77	30	80	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.01	17.71	0.0590
77	30	80	656000	3840	DFT-s-OFDM 256 QAM	1@215	17.78	17.48	0.0560
77	30	80	656000	3840	CP-OFDM QPSK	109@54	20.89	20.59	0.1146
77	30	80	656000	3840	CP-OFDM QPSK	1@1	21.01	20.71	0.1178
77	30	80	656000	3840	CP-OFDM QPSK	1@215	20.86	20.56	0.1138
77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	108@54	22.45	22.15	0.1641
77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	1@1	22.38	22.08	0.1614
77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	1@215	22.2	21.9	0.1549
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	108@54	22.49	22.19	0.1656
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@1	22.35	22.05	0.1603
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@215	22.21	21.91	0.1552
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	108@54	21.42	21.12	0.1294
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	1@1	21.41	21.11	0.1291
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	1@215	21.2	20.9	0.1230
77	30	80	662666	3939.99	DFT-s-OFDM 64 QAM	108@54	19.93	19.63	0.0918
77	30	80	662666	3939.99	DFT-s-OFDM 64 QAM	1@1	19.93	19.63	0.0918
77	30	80	662666	3939.99	DFT-s-OFDM 64 QAM	1@215	19.72	19.42	0.0875
77	30	80	662666	3939.99	DFT-s-OFDM 256 QAM	108@54	17.98	17.68	0.0586
77	30	80	662666	3939.99	DFT-s-OFDM 256 QAM	1@1	17.97	17.67	0.0585
77	30	80	662666	3939.99	DFT-s-OFDM 256 QAM	1@215	17.65	17.35	0.0543
77	30	80	662666	3939.99	CP-OFDM QPSK	109@54	20.92	20.62	0.1153
77	30	80	662666	3939.99	CP-OFDM QPSK	1@1	20.97	20.67	0.1167
77	30	80	662666	3939.99	CP-OFDM QPSK	1@215	20.76	20.46	0.1112
77	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	120@60	22.55	22.25	0.1679
77	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	22.52	22.22	0.1667
77	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@243	22.33	22.03	0.1596
77	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	22.41	22.11	0.1626
77	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	22.49	22.19	0.1656
77	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	22.32	22.02	0.1592
77	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	21.45	21.15	0.1303
77	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	21.53	21.23	0.1327
77	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	21.26	20.96	0.1247
77	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	120@60	20.08	19.78	0.0951
77	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@1	19.99	19.69	0.0931

77	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@243	19.81	19.51	0.0893
77	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	120@60	17.99	17.69	0.0587
77	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@1	18.01	17.71	0.0590
77	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@243	17.96	17.66	0.0583
77	30	90	649668	3745.02	CP-OFDM QPSK	123@61	21	20.7	0.1175
77	30	90	649668	3745.02	CP-OFDM QPSK	1@1	21.08	20.78	0.1197
77	30	90	649668	3745.02	CP-OFDM QPSK	1@243	20.78	20.48	0.1117
77	30	90	656000	3840	DFT-s-OFDM PI/2 BPSK	120@60	22.53	22.23	0.1671
77	30	90	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	22.46	22.16	0.1644
77	30	90	656000	3840	DFT-s-OFDM PI/2 BPSK	1@243	22.21	21.91	0.1552
77	30	90	656000	3840	DFT-s-OFDM QPSK	120@60	22.46	22.16	0.1644
77	30	90	656000	3840	DFT-s-OFDM QPSK	1@1	22.53	22.23	0.1671
77	30	90	656000	3840	DFT-s-OFDM QPSK	1@243	22.17	21.87	0.1538
77	30	90	656000	3840	DFT-s-OFDM 16 QAM	120@60	21.42	21.12	0.1294
77	30	90	656000	3840	DFT-s-OFDM 16 QAM	1@1	21.37	21.07	0.1279
77	30	90	656000	3840	DFT-s-OFDM 16 QAM	1@243	21.13	20.83	0.1211
77	30	90	656000	3840	DFT-s-OFDM 64 QAM	120@60	19.96	19.66	0.0925
77	30	90	656000	3840	DFT-s-OFDM 64 QAM	1@1	20.09	19.79	0.0953
77	30	90	656000	3840	DFT-s-OFDM 64 QAM	1@243	19.73	19.43	0.0877
77	30	90	656000	3840	DFT-s-OFDM 256 QAM	120@60	17.92	17.62	0.0578
77	30	90	656000	3840	DFT-s-OFDM 256 QAM	1@1	17.97	17.67	0.0585
77	30	90	656000	3840	DFT-s-OFDM 256 QAM	1@243	17.68	17.38	0.0547
77	30	90	656000	3840	CP-OFDM QPSK	123@61	20.93	20.63	0.1156
77	30	90	656000	3840	CP-OFDM QPSK	1@1	20.94	20.64	0.1159
77	30	90	656000	3840	CP-OFDM QPSK	1@243	20.7	20.4	0.1096
77	30	90	662332	3934.98	DFT-s-OFDM PI/2 BPSK	120@60	22.46	22.16	0.1644
77	30	90	662332	3934.98	DFT-s-OFDM PI/2 BPSK	1@1	22.39	22.09	0.1618
77	30	90	662332	3934.98	DFT-s-OFDM PI/2 BPSK	1@243	22.25	21.95	0.1567
77	30	90	662332	3934.98	DFT-s-OFDM QPSK	120@60	22.47	22.17	0.1648
77	30	90	662332	3934.98	DFT-s-OFDM QPSK	1@1	22.38	22.08	0.1614
77	30	90	662332	3934.98	DFT-s-OFDM QPSK	1@243	22.25	21.95	0.1567
77	30	90	662332	3934.98	DFT-s-OFDM 16 QAM	120@60	21.46	21.16	0.1306
77	30	90	662332	3934.98	DFT-s-OFDM 16 QAM	1@1	21.33	21.03	0.1268
77	30	90	662332	3934.98	DFT-s-OFDM 16 QAM	1@243	21.16	20.86	0.1219
77	30	90	662332	3934.98	DFT-s-OFDM 64 QAM	120@60	20	19.7	0.0933
77	30	90	662332	3934.98	DFT-s-OFDM 64 QAM	1@1	19.84	19.54	0.0899

77	30	90	662332	3934.98	DFT-s-OFDM 64 QAM	1@243	19.68	19.38	0.0867
77	30	90	662332	3934.98	DFT-s-OFDM 256 QAM	120@60	17.91	17.61	0.0577
77	30	90	662332	3934.98	DFT-s-OFDM 256 QAM	1@1	17.87	17.57	0.0571
77	30	90	662332	3934.98	DFT-s-OFDM 256 QAM	1@243	17.7	17.4	0.0550
77	30	90	662332	3934.98	CP-OFDM QPSK	123@61	20.9	20.6	0.1148
77	30	90	662332	3934.98	CP-OFDM QPSK	1@1	21.03	20.73	0.1183
77	30	90	662332	3934.98	CP-OFDM QPSK	1@243	20.77	20.47	0.1114
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	22.38	22.08	0.1614
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.5	22.2	0.1660
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	22.38	22.08	0.1614
77	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	22.4	22.1	0.1622
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	22.39	22.09	0.1618
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	22.32	22.02	0.1592
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.39	21.09	0.1285
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.42	21.12	0.1294
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	21.25	20.95	0.1245
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	19.91	19.61	0.0914
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	19.9	19.6	0.0912
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	19.78	19.48	0.0887
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	17.91	17.61	0.0577
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.94	17.64	0.0581
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	17.8	17.5	0.0562
77	30	100	650000	3750	CP-OFDM QPSK	137@68	20.88	20.58	0.1143
77	30	100	650000	3750	CP-OFDM QPSK	1@1	20.96	20.66	0.1164
77	30	100	650000	3750	CP-OFDM QPSK	1@271	20.8	20.5	0.1122
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	135@67	22.84	22.54	0.1795
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	22.96	22.66	0.1845
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@271	22.67	22.37	0.1726
77	30	100	656000	3840	DFT-s-OFDM QPSK	135@67	22.85	22.55	0.1799
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@1	23.03	22.73	0.1875
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@271	22.67	22.37	0.1726
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	135@67	21.43	21.13	0.1297
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@1	21.52	21.22	0.1324
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@271	21.17	20.87	0.1222
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	135@67	19.97	19.67	0.0927
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@1	20.06	19.76	0.0946

77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@271	19.67	19.37	0.0865
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	135@67	17.94	17.64	0.0581
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.08	17.78	0.0600
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@271	17.77	17.47	0.0558
77	30	100	656000	3840	CP-OFDM QPSK	137@68	20.87	20.57	0.1140
77	30	100	656000	3840	CP-OFDM QPSK	1@1	21.11	20.81	0.1205
77	30	100	656000	3840	CP-OFDM QPSK	1@271	20.67	20.37	0.1089
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	135@67	22.5	22.2	0.1660
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@1	22.39	22.09	0.1618
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@271	22.25	21.95	0.1567
77	30	100	662000	3930	DFT-s-OFDM QPSK	135@67	22.47	22.17	0.1648
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@1	22.4	22.1	0.1622
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@271	22.31	22.01	0.1589
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	135@67	21.43	21.13	0.1297
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@1	21.38	21.08	0.1282
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@271	21.24	20.94	0.1242
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	135@67	19.9	19.6	0.0912
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@1	19.89	19.59	0.0910
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@271	19.76	19.46	0.0883
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	135@67	17.92	17.62	0.0578
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@1	17.97	17.67	0.0585
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@271	17.78	17.48	0.0560
77	30	100	662000	3930	CP-OFDM QPSK	137@68	20.94	20.64	0.1159
77	30	100	662000	3930	CP-OFDM QPSK	1@1	21	20.7	0.1175
77	30	100	662000	3930	CP-OFDM QPSK	1@271	20.78	20.48	0.1117

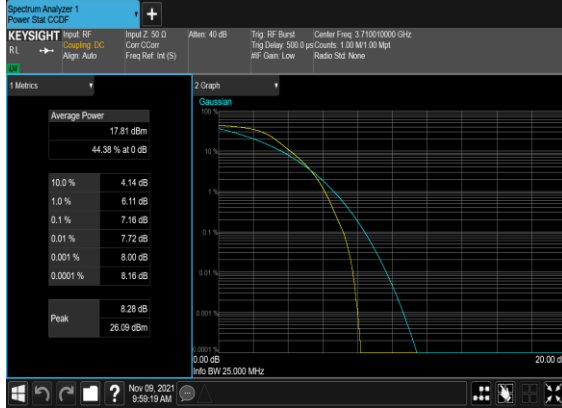
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00669	PASS	NV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00296	PASS	LV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00312	PASS	HV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00538	PASS	-30°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.004	PASS	-20°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00538	PASS	-10°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00479	PASS	0°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00663	PASS	10°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00698	PASS	20°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00598	PASS	30°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00602	PASS	40°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00364	PASS	50°C

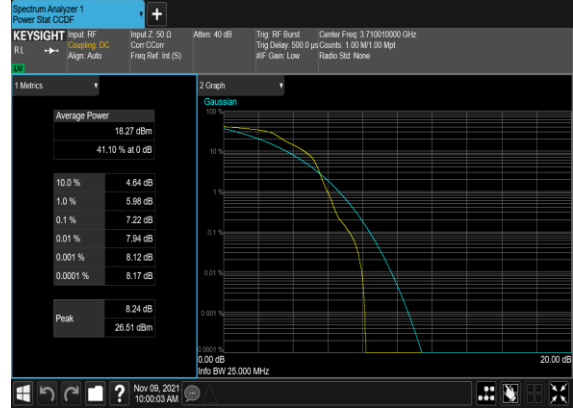
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	50@0	7.16	13	PASS
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@0	7.22	13	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	8.07	13	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	8.32	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	50@0	7.19	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@0	7.76	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	8.12	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	7.94	13	PASS
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	50@0	7.09	13	PASS
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@0	7.79	13	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	50@0	8.04	13	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	8.27	13	PASS

B41_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



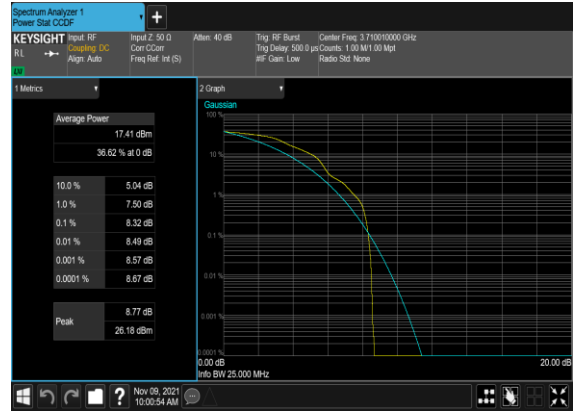
B41_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



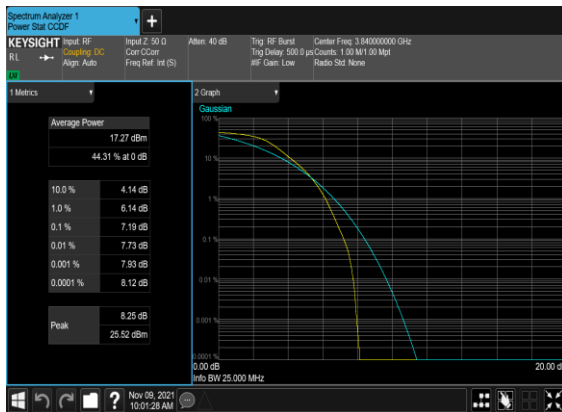
B41_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



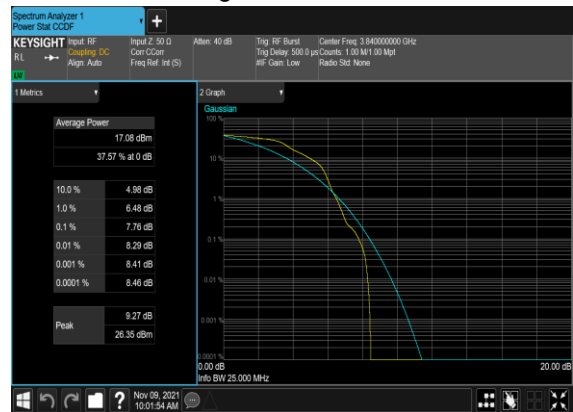
B41_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



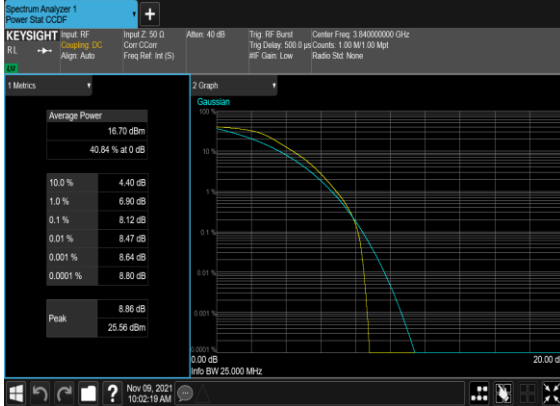
B41_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



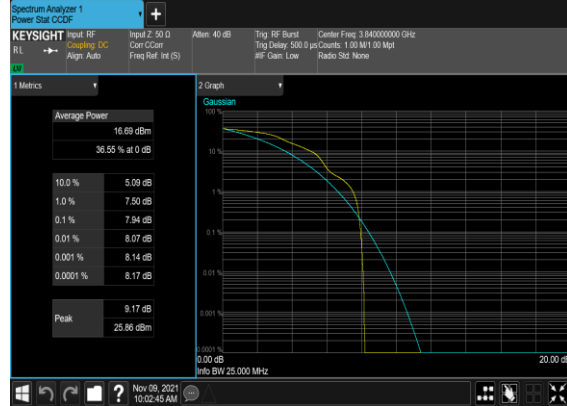
B41_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



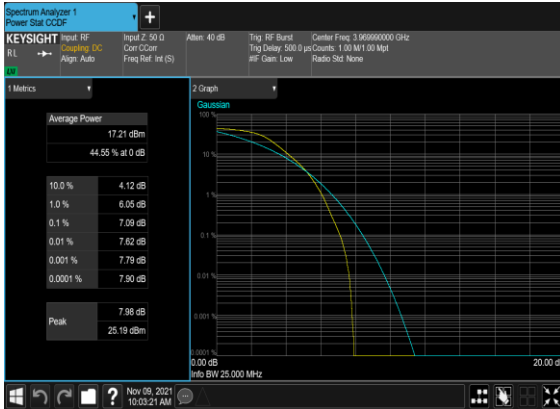
B41_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



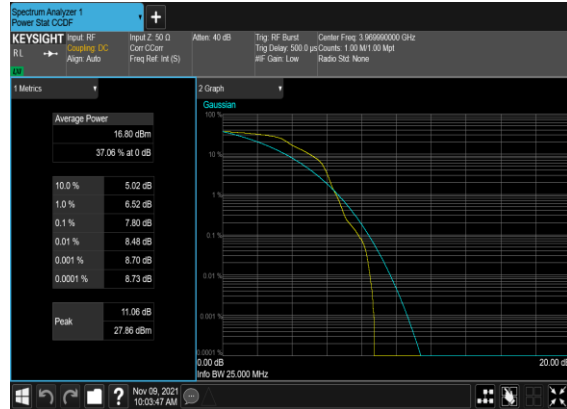
B41_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



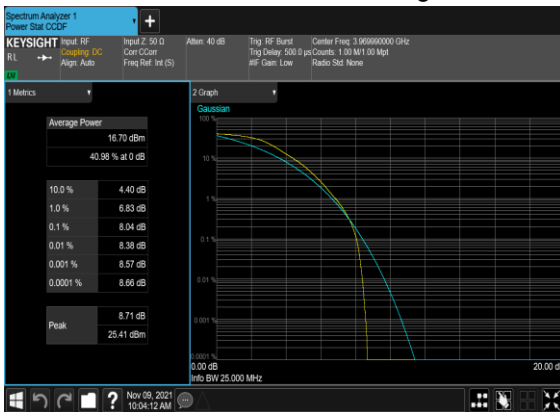
B41_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



B41_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



B41_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



B41_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



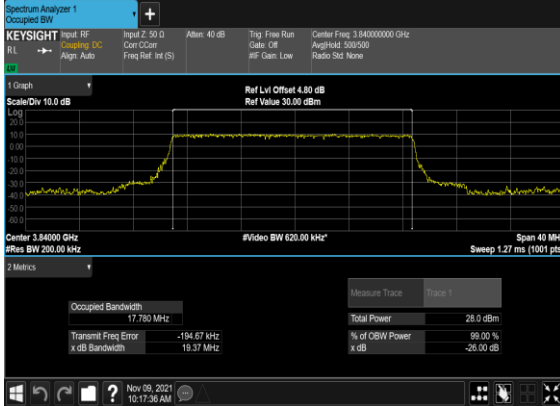
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	50@0	17.78	19.37
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	17.805	18.93
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.205	19.59
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	18.218	19.54
77	30	20	656000	3840.0	CP-OFDM 64 QAM	51@0	18.176	19.64
77	30	20	656000	3840.0	CP-OFDM 256 QAM	51@0	18.174	19.7
77	30	30	656000	3840.0	DFT-s-OFDM PI/2 BPSK	75@0	26.772	28.48
77	30	30	656000	3840.0	DFT-s-OFDM QPSK	75@0	26.833	28.4
77	30	30	656000	3840.0	CP-OFDM QPSK	78@0	27.876	29.55
77	30	30	656000	3840.0	CP-OFDM 16 QAM	78@0	27.861	29.61
77	30	30	656000	3840.0	CP-OFDM 64 QAM	78@0	27.786	29.45
77	30	30	656000	3840.0	CP-OFDM 256 QAM	78@0	27.872	29.32
77	30	40	656000	3840.0	DFT-s-OFDM PI/2 BPSK	100@0	35.741	37.44
77	30	40	656000	3840.0	DFT-s-OFDM QPSK	100@0	35.745	37.54
77	30	40	656000	3840.0	CP-OFDM QPSK	106@0	37.856	39.68
77	30	40	656000	3840.0	CP-OFDM 16 QAM	106@0	37.859	39.71
77	30	40	656000	3840.0	CP-OFDM 64 QAM	106@0	37.877	40.07
77	30	40	656000	3840.0	CP-OFDM 256 QAM	106@0	38.018	39.69
77	30	50	656000	3840.0	DFT-s-OFDM PI/2 BPSK	128@0	45.749	47.59
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	128@0	45.733	47.55
77	30	50	656000	3840.0	CP-OFDM QPSK	133@0	47.522	49.58
77	30	50	656000	3840.0	CP-OFDM 16 QAM	133@0	47.49	49.4
77	30	50	656000	3840.0	CP-OFDM 64 QAM	133@0	47.488	49.33
77	30	50	656000	3840.0	CP-OFDM 256 QAM	133@0	47.483	49.19
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	57.886	59.87

77	30	60	656000	3840.0	DFT-s-OFDM QPSK	162@0	57.874	60.08
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.873	59.89
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.881	60.12
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.764	59.74
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.826	60.09
77	30	70	656000	3840.0	DFT-s-OFDM PI/2 BPSK	180@0	64.409	66.46
77	30	70	656000	3840.0	DFT-s-OFDM QPSK	180@0	64.382	66.95
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.395	69.98
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.573	69.83
77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.474	69.74
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.527	69.7
77	30	80	656000	3840.0	DFT-s-OFDM PI/2 BPSK	216@0	77.238	79.72
77	30	80	656000	3840.0	DFT-s-OFDM QPSK	216@0	77.225	79.87
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.511	80.18
77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.578	80.24
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.675	80.09
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.493	80.19
77	30	90	656000	3840.0	DFT-s-OFDM PI/2 BPSK	240@0	85.861	88.61
77	30	90	656000	3840.0	DFT-s-OFDM QPSK	240@0	85.836	88.64
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.457	90.51
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.438	90.46
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.456	90.45
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.54	90.33
77	30	100	656000	3840.0	DFT-s-OFDM PI/2 BPSK	270@0	96.678	99.53
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	96.422	99.53
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.459	100.7
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.422	100.7

77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.495	100.7
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.339	100.7

B41_N77(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



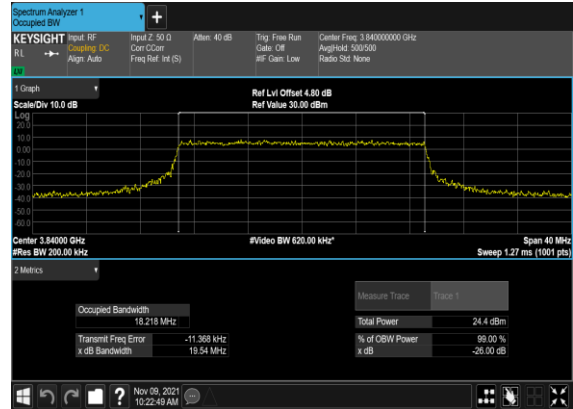
B41_N77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



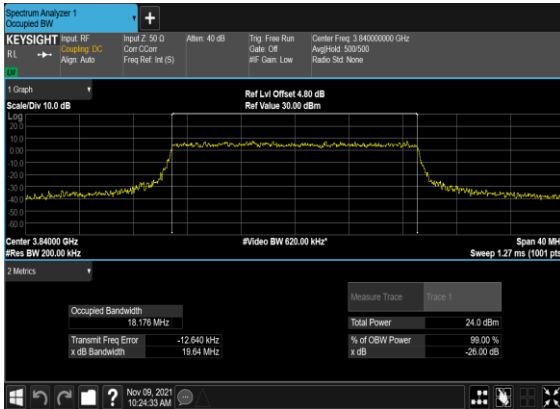
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OFDM_QPSK_Outer_Full_Mid_CH



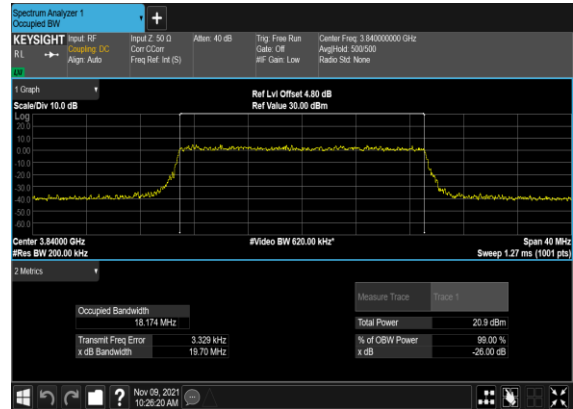
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QAM_Outer_Full_Mid_CH



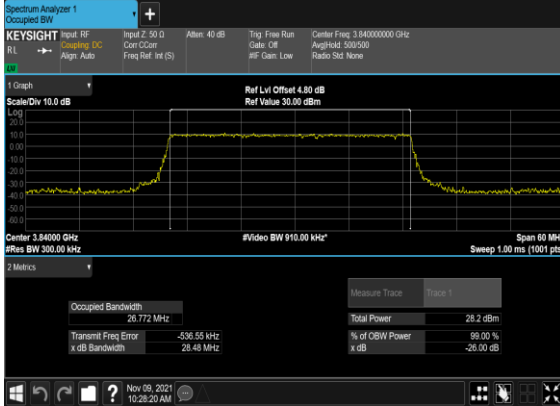
B41_N77(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B41_N77(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



B41_N77(30M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



B41_N77(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



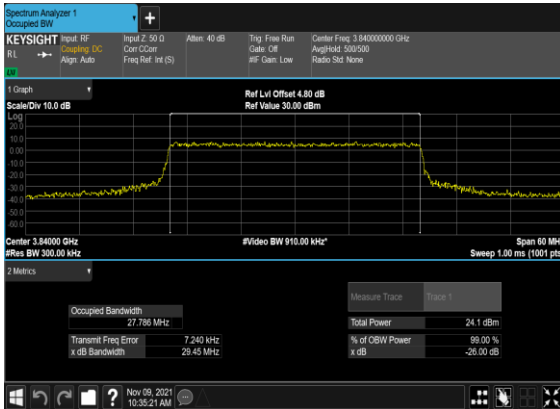
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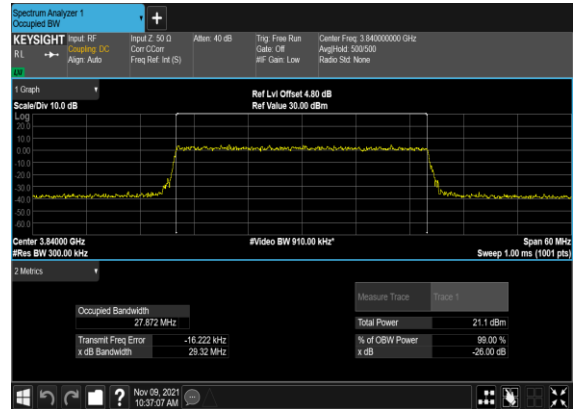
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QAM_Outer_Full_Mid_CH



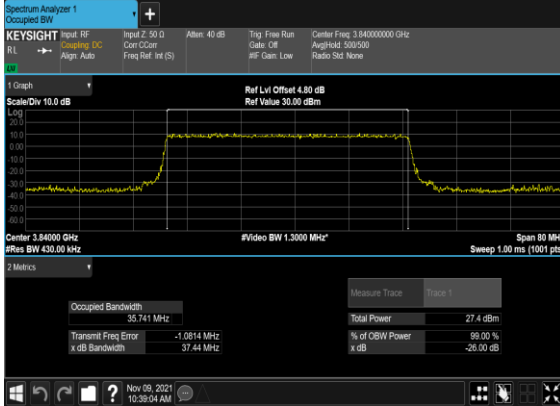
B41_N77(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



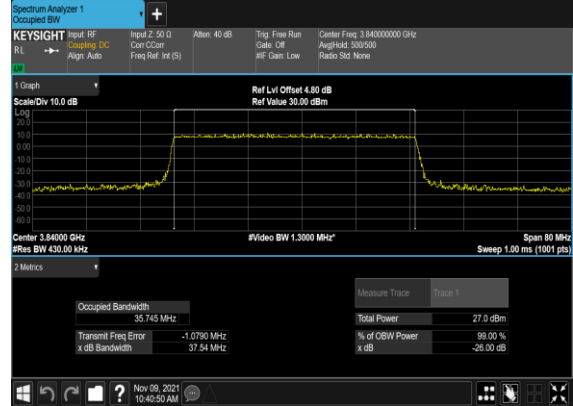
B41_N77(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



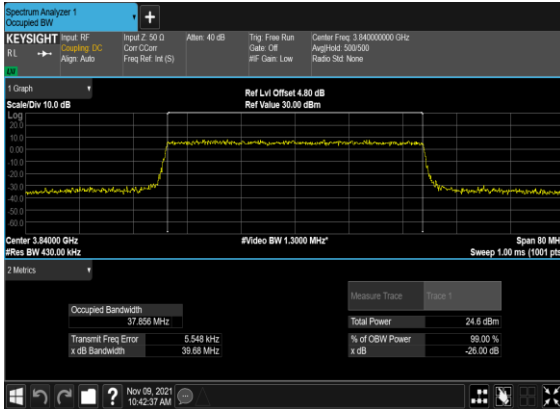
B41_N77(40M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



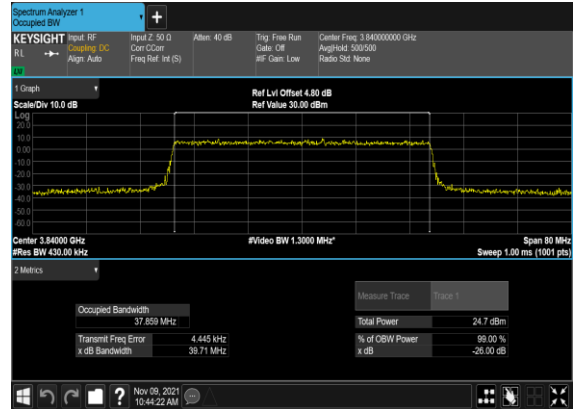
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OFDM_QPSK_Outer_Full_Mid_CH



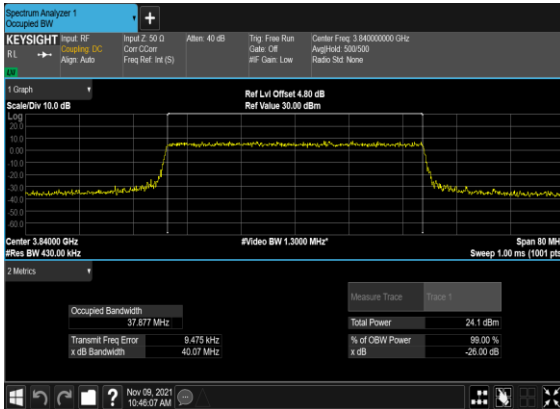
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OFDM_QPSK_Outer_Full_Mid_CH



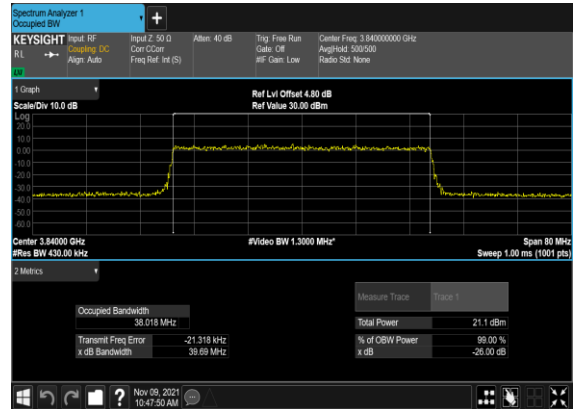
B41_N77(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B41_N77(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B41_N77(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



B41_N77(50M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



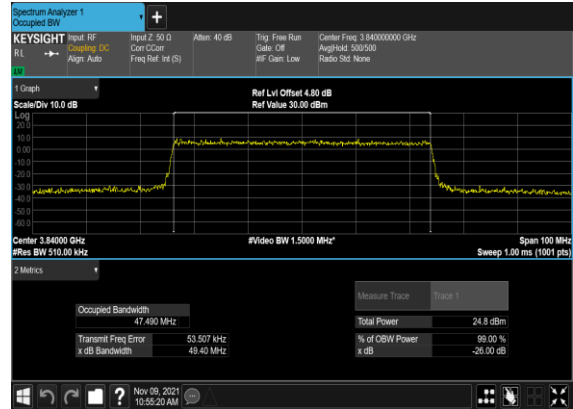
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OFDM_QPSK_Outer_Full_Mid_CH



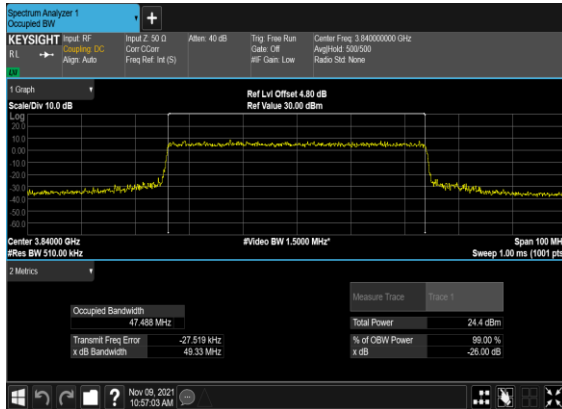
B41_N77(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



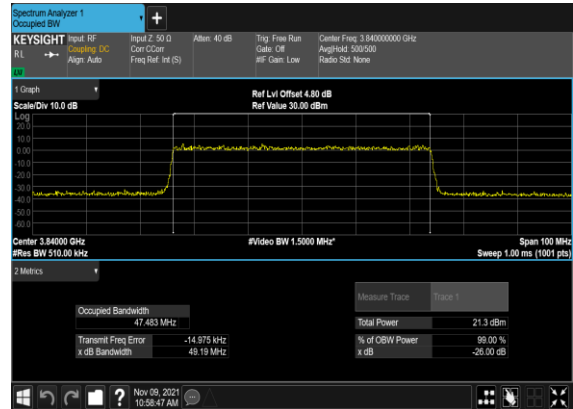
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QAM_Outer_Full_Mid_CH



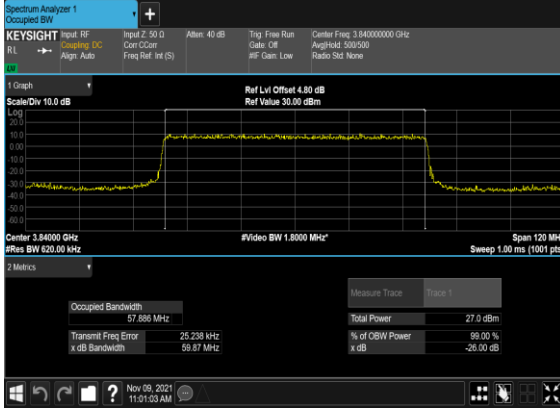
B41_N77(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B41_N77(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



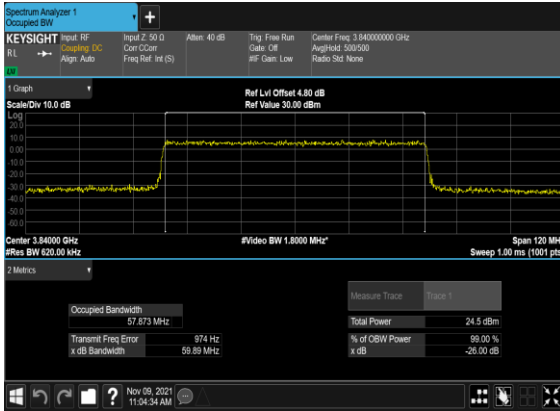
B41_N77(60M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



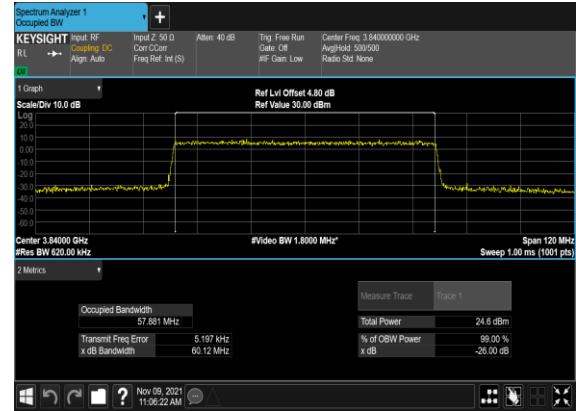
B41_N77(60M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



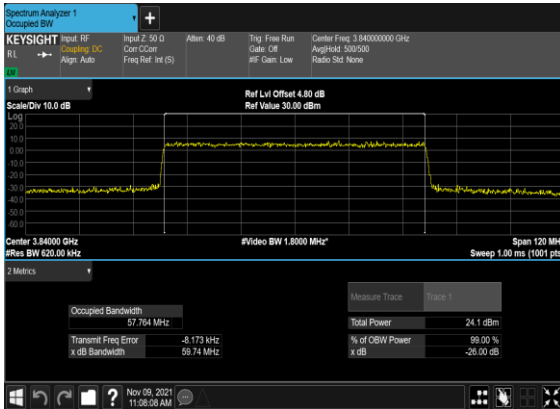
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OFDM_QPSK_Outer_Full_Mid_CH



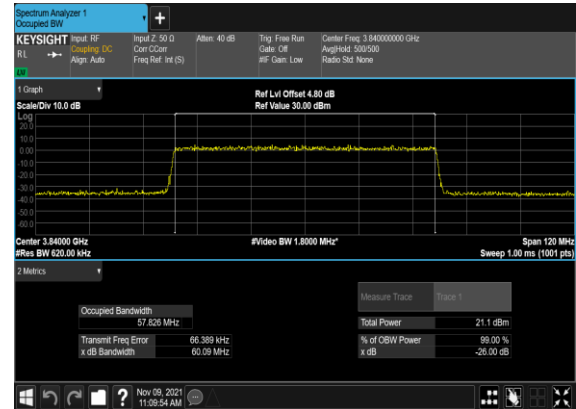
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QAM_Outer_Full_Mid_CH



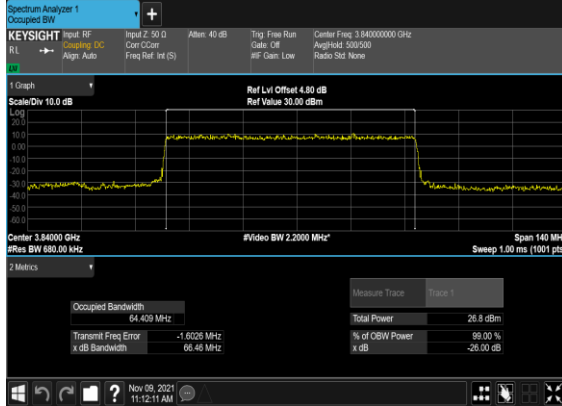
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QAM_Outer_Full_Mid_CH



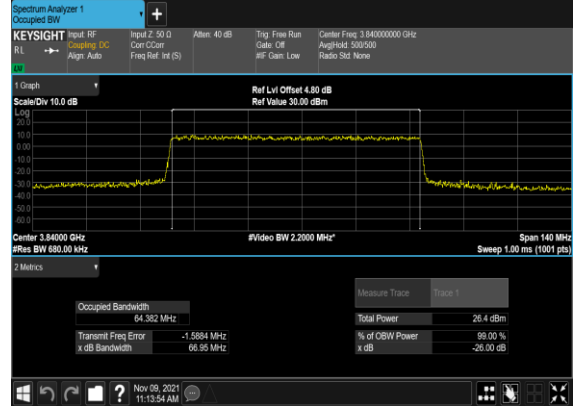
B41_N77(60M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



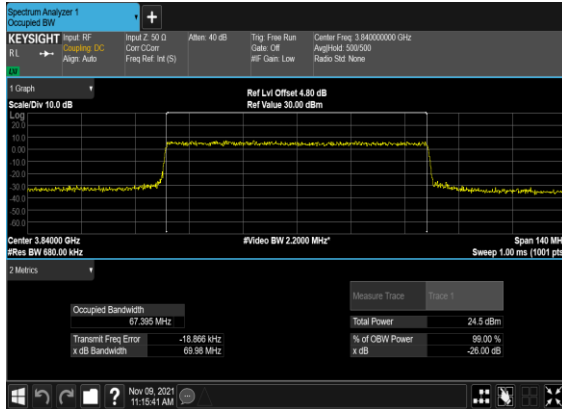
B41_N77(70M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



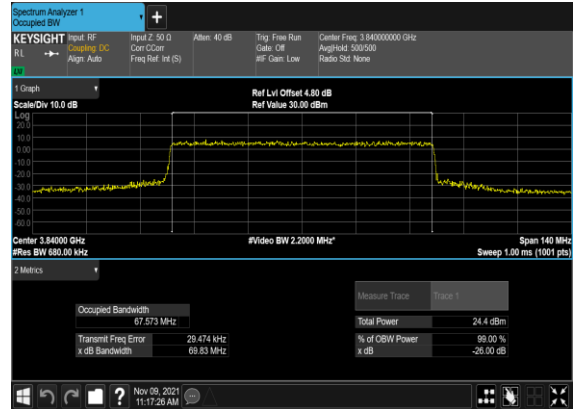
B41_N77(70M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



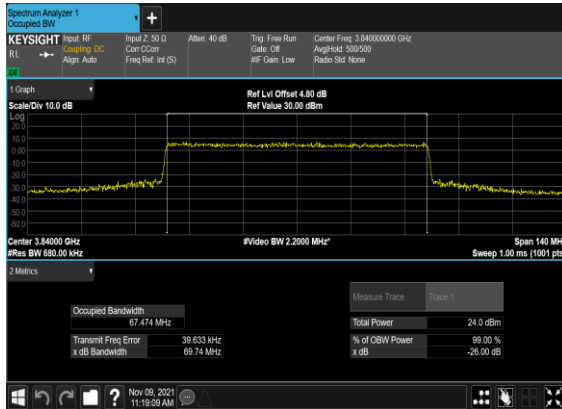
B41_N77(70M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



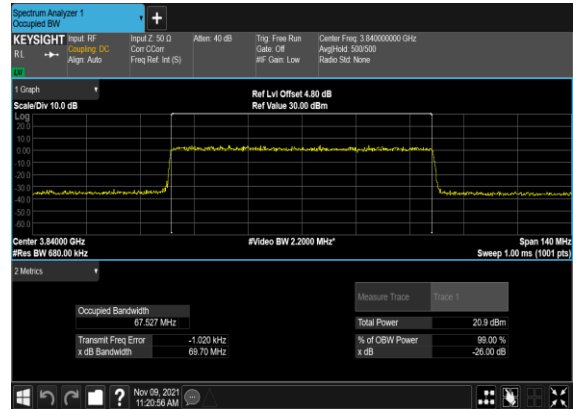
B41_N77(70M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B41_N77(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B41_N77(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



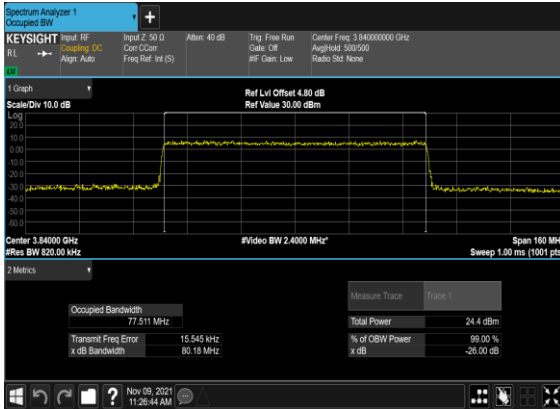
B41_N77(80M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



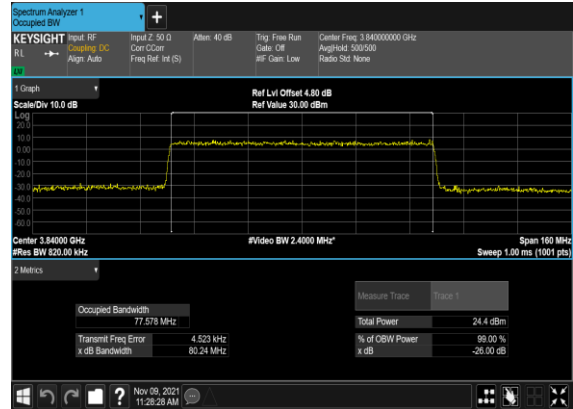
B41_N77(80M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



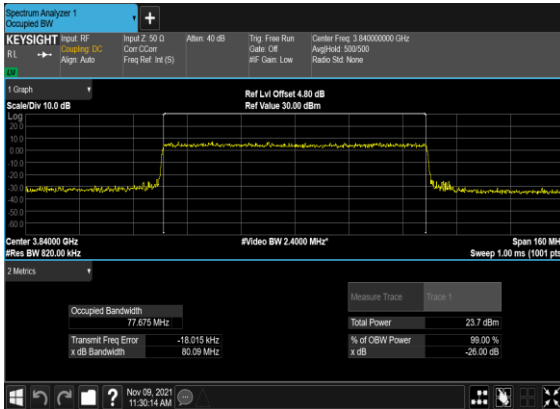
B41_N77(80M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



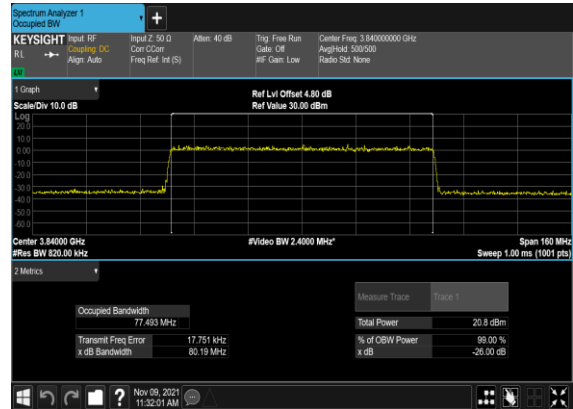
B41_N77(80M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B41_N77(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



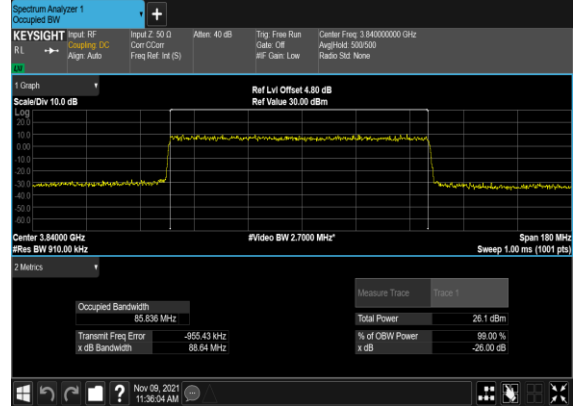
B41_N77(80M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



B41_N77(90M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



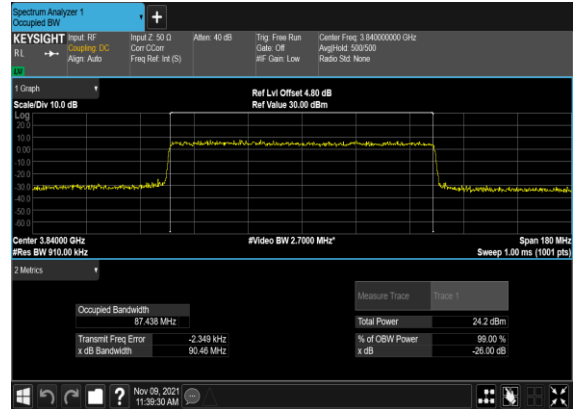
B41_N77(90M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



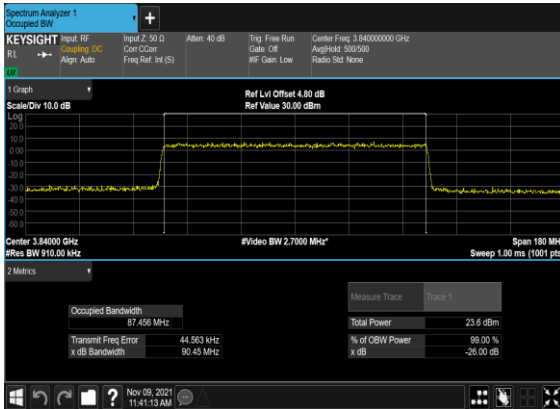
B41_N77(90M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



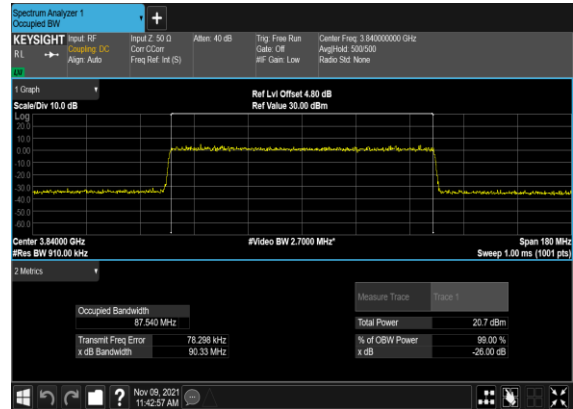
B41_N77(90M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B41_N77(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



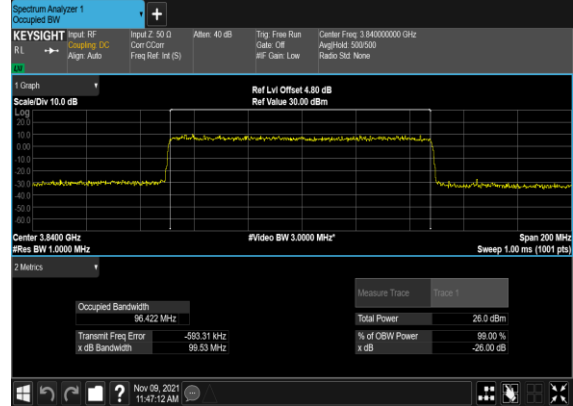
B41_N77(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



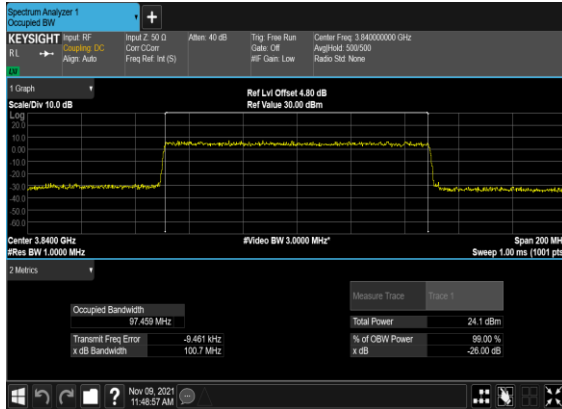
B41_N77(100M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



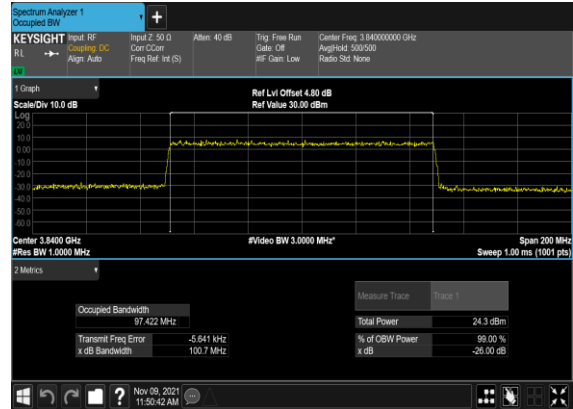
B41_N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



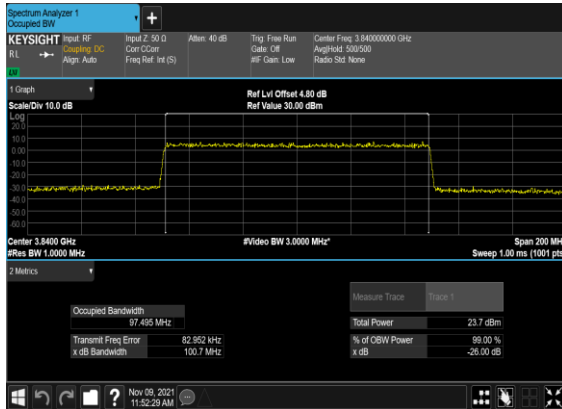
B41_N77(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



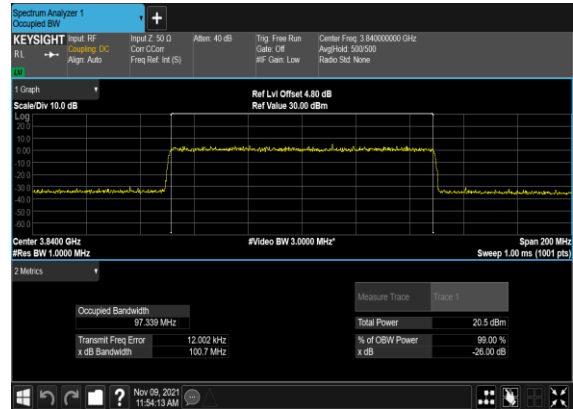
B41_N77(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B41_N77(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B41_N77(100M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



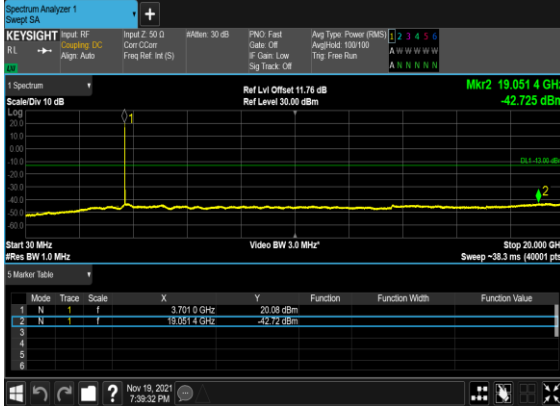
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	---

77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---

77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

B41_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



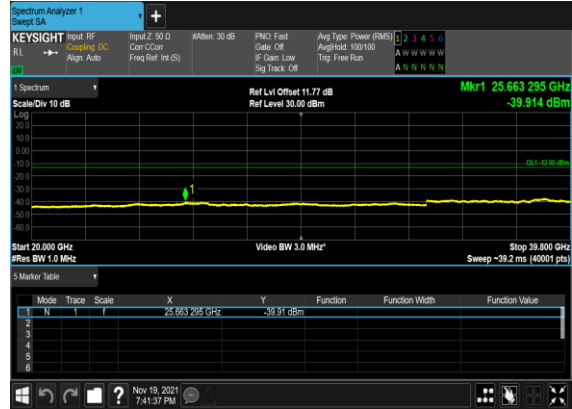
B41_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



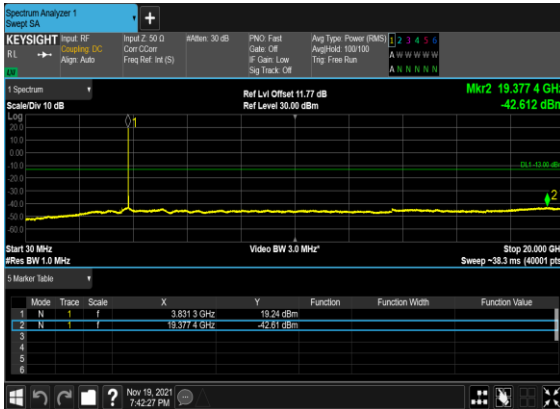
B41_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B41_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B41_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B41_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



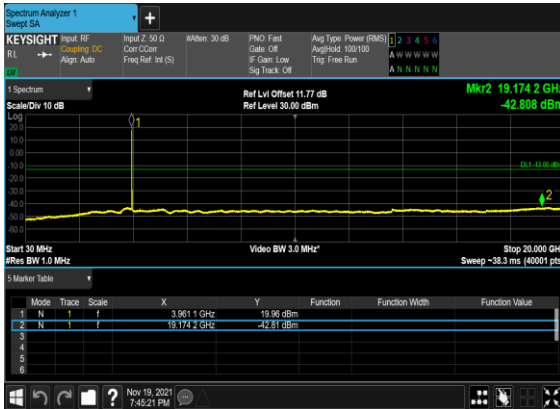
B41_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B41_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



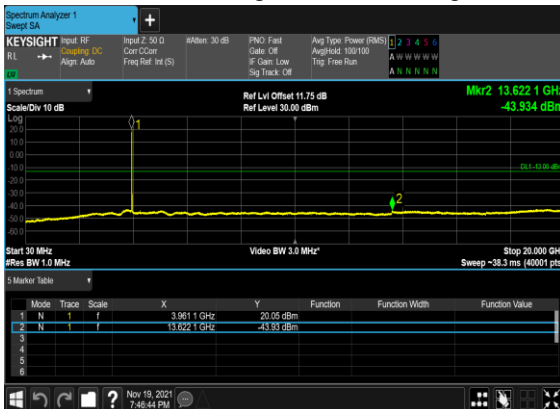
B41_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



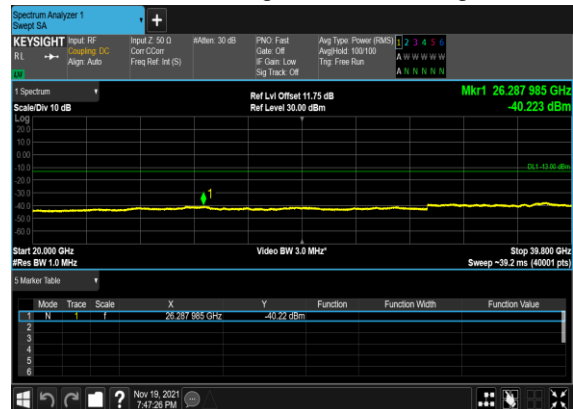
B41_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



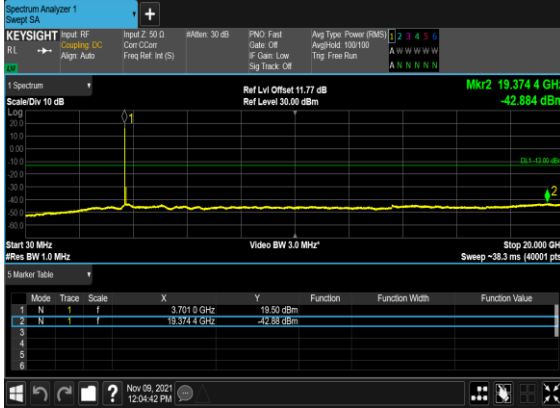
B41_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



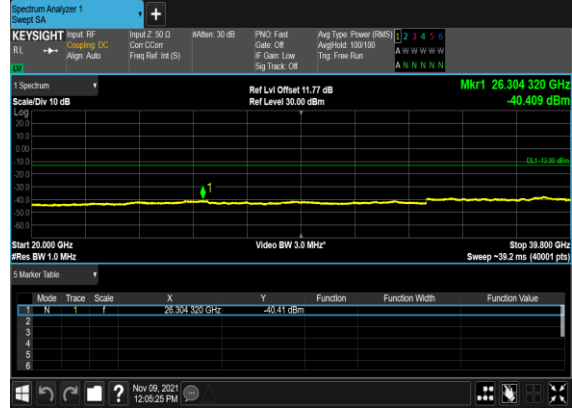
B41_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B41_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



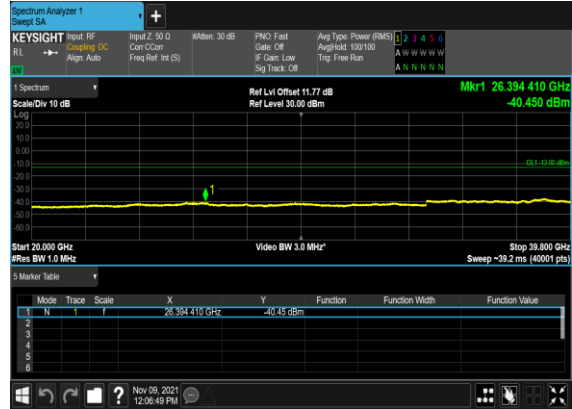
B41_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



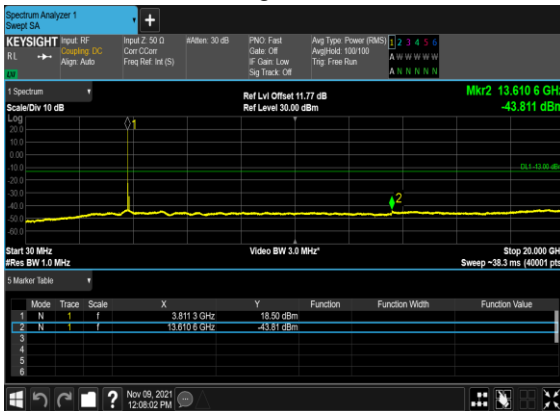
B41_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



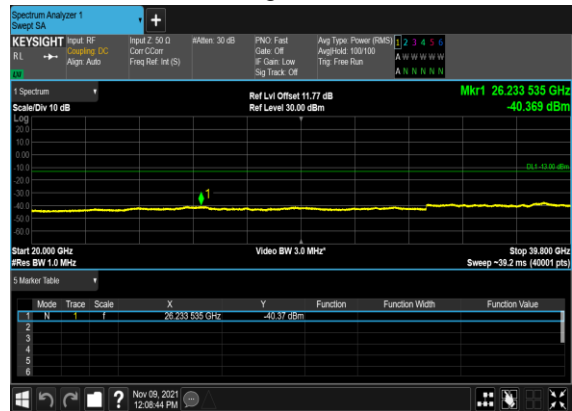
B41_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



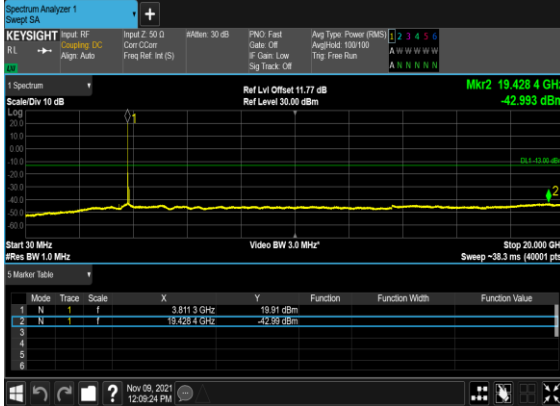
B41_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



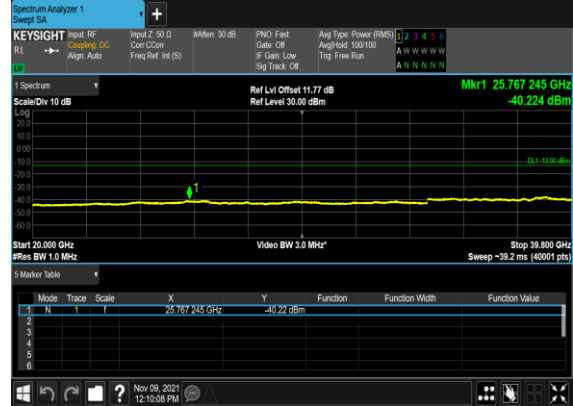
B41_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



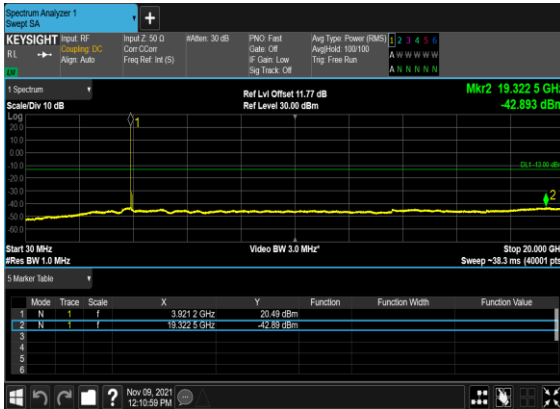
B41_N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



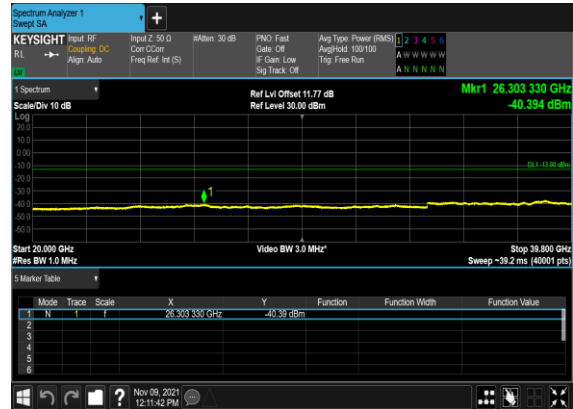
B41_N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



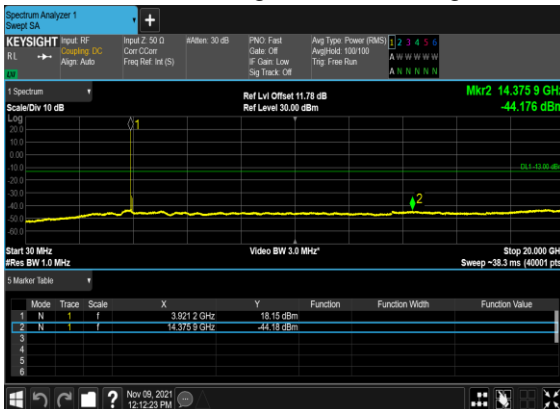
B41_N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



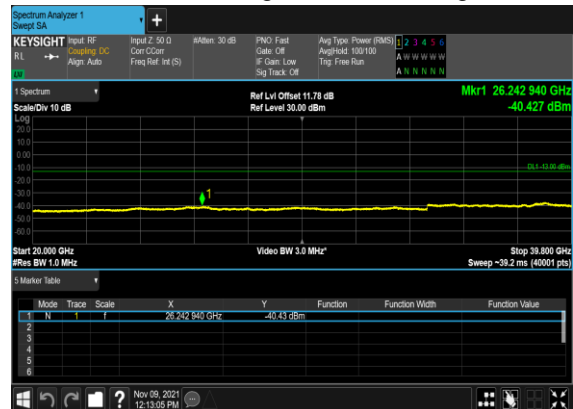
B41_N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



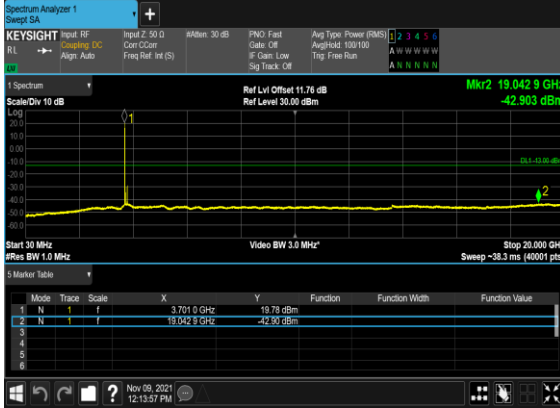
B41_N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



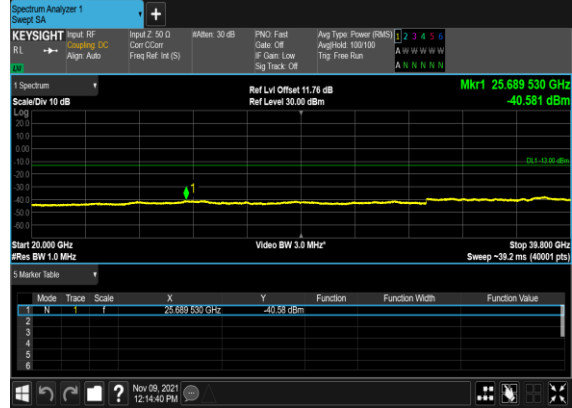
B41_N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



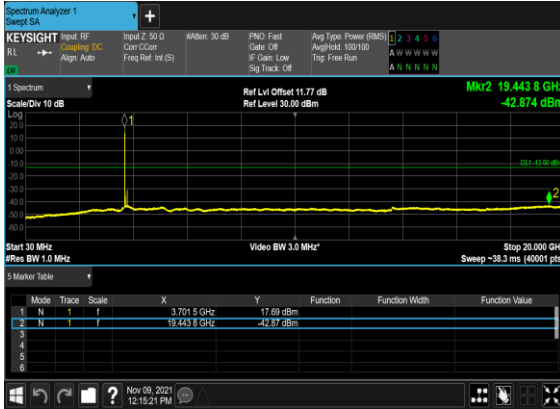
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



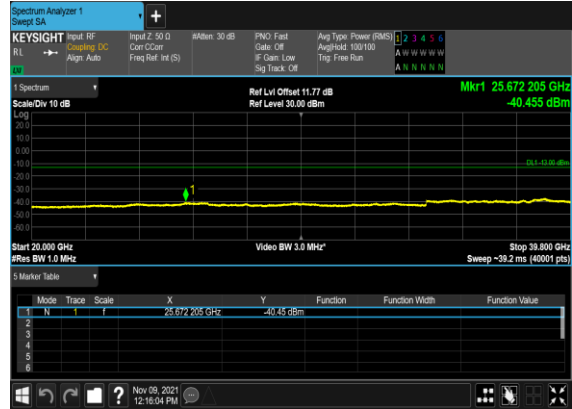
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



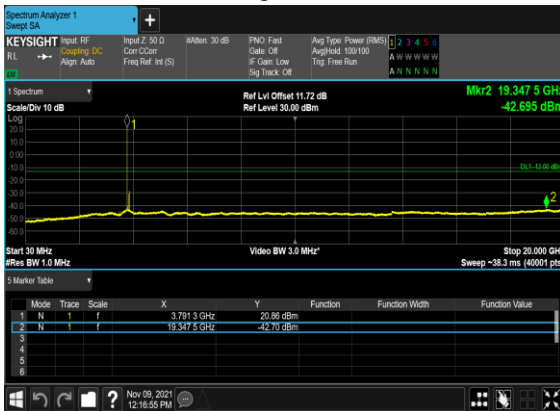
B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



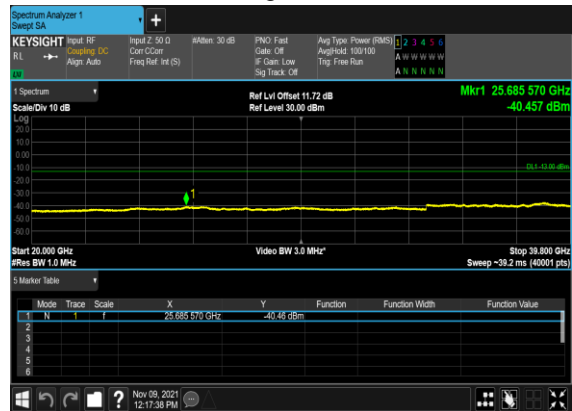
B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



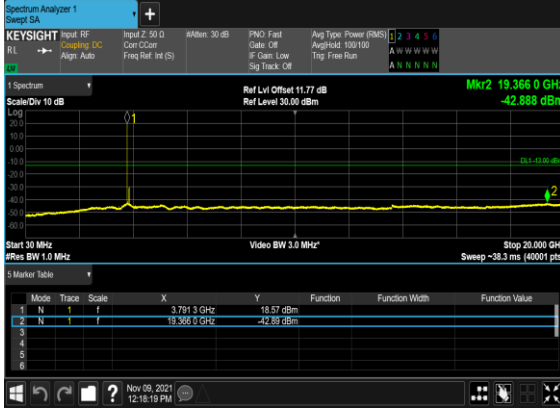
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



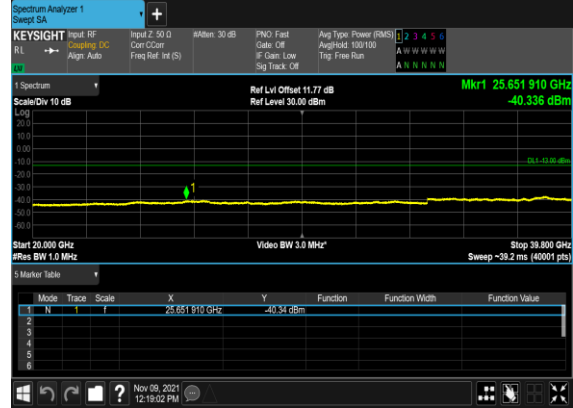
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



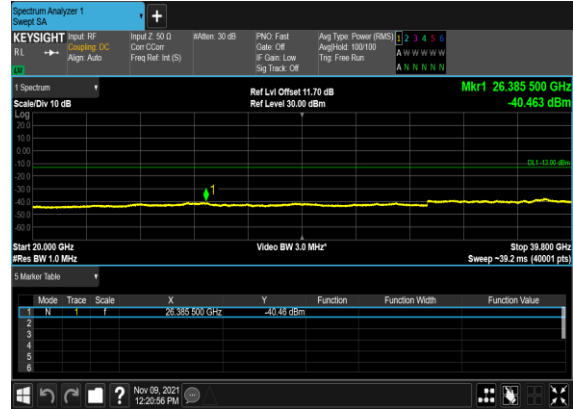
B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



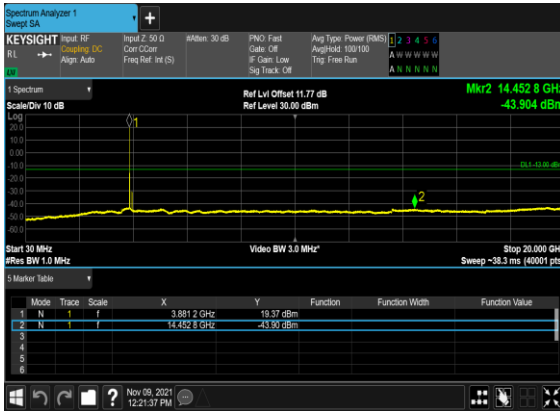
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



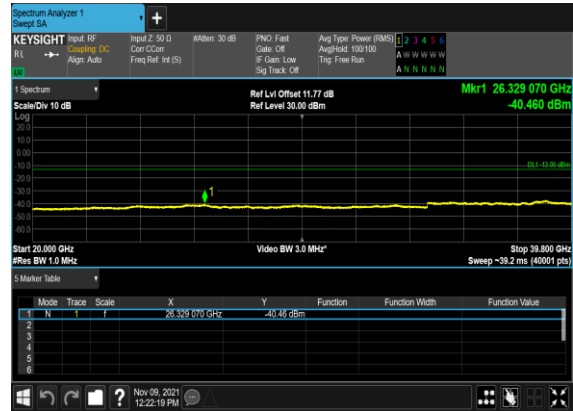
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B41_N77(100M)_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
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@50	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@50	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@161	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@161	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

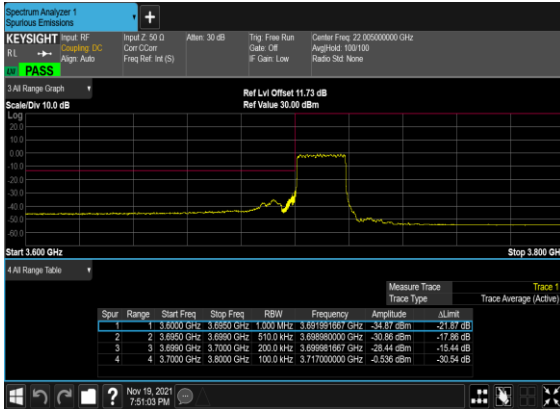
B41_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



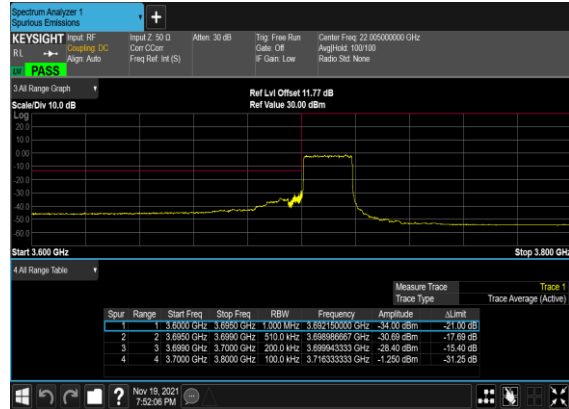
B41_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



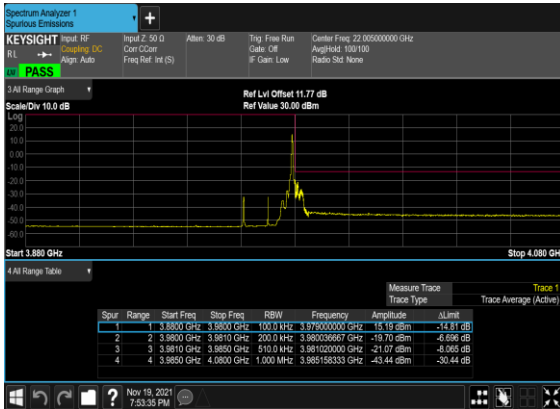
B41_N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



B41_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B41_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



B41_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

