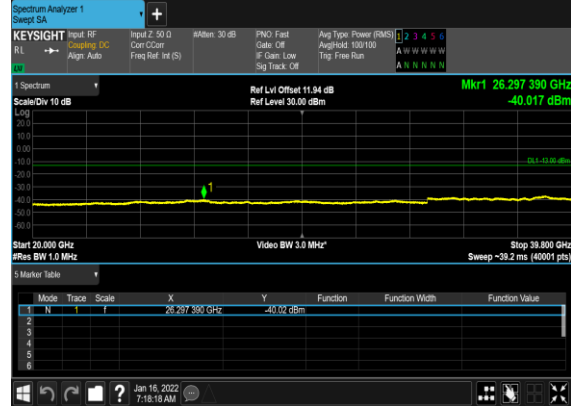


N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



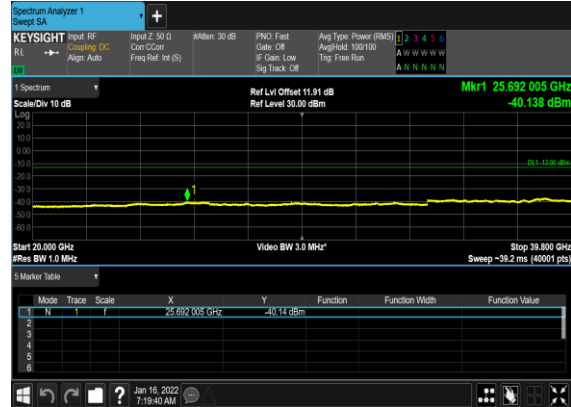
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



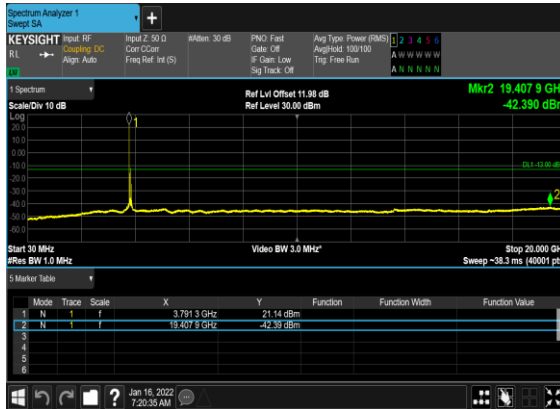
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



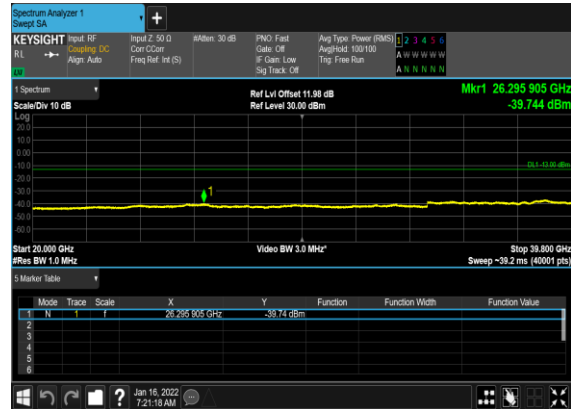
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



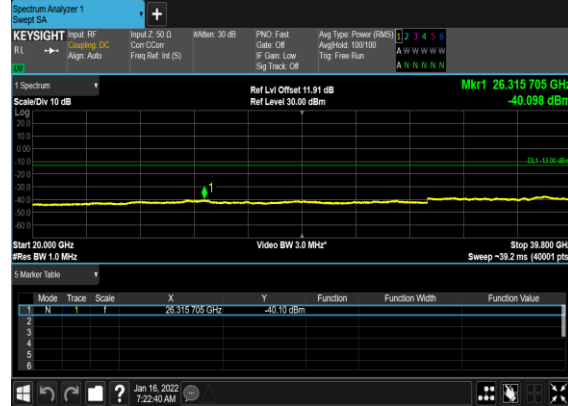
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



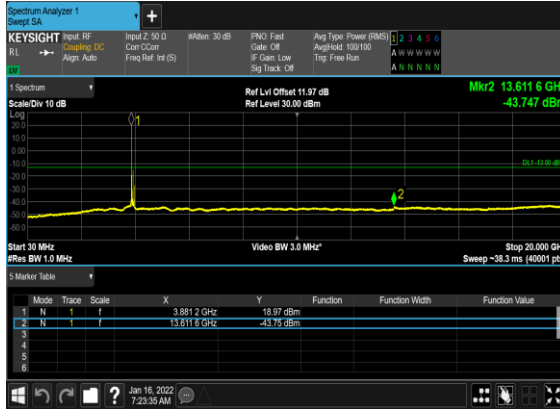
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



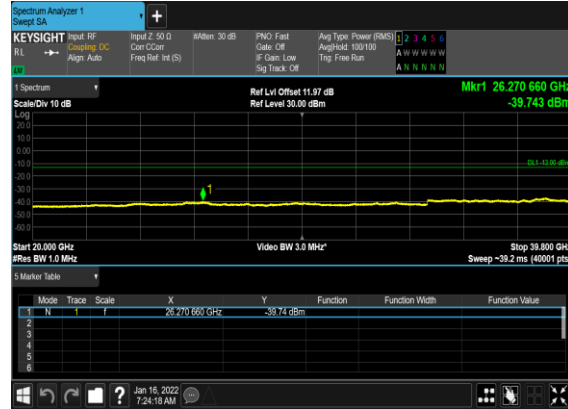
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



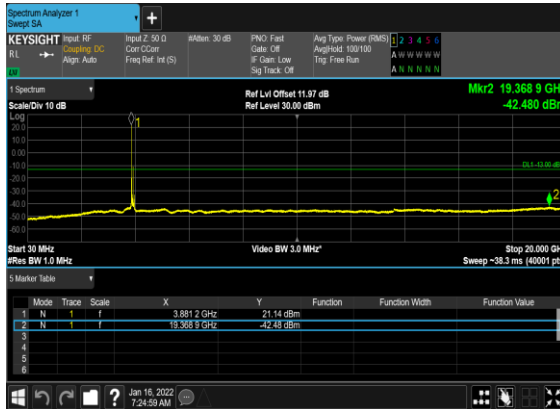
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



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	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	128@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

N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



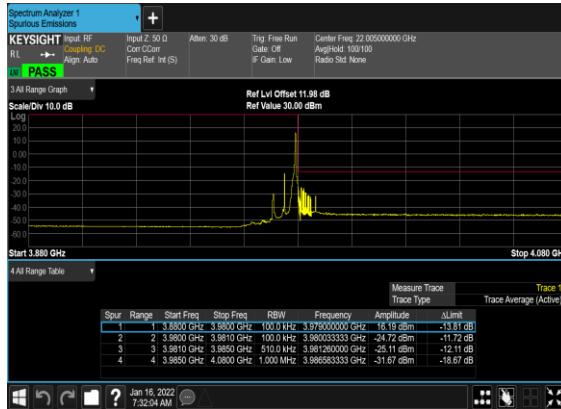
N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



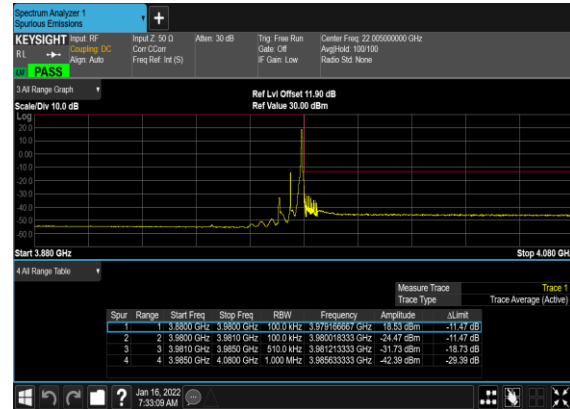
N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



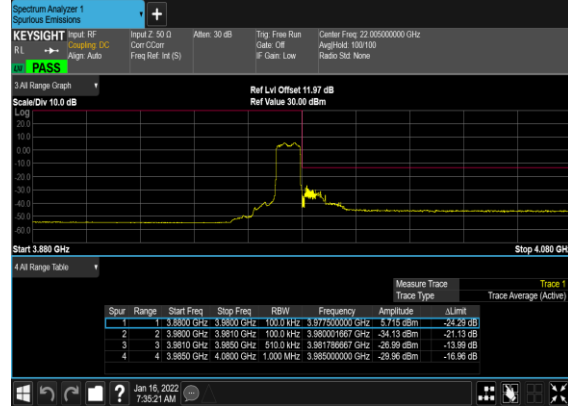
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



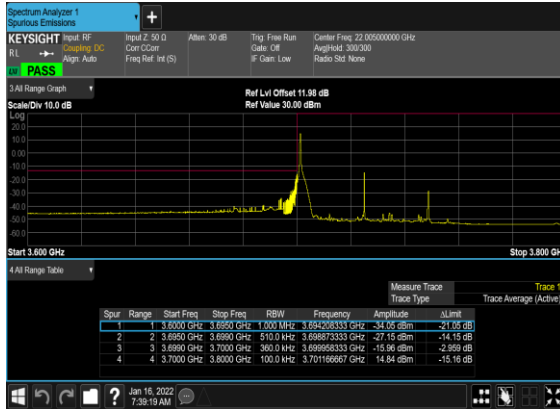
N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



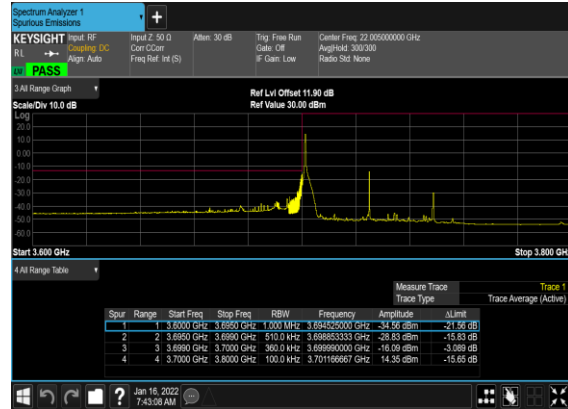
N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



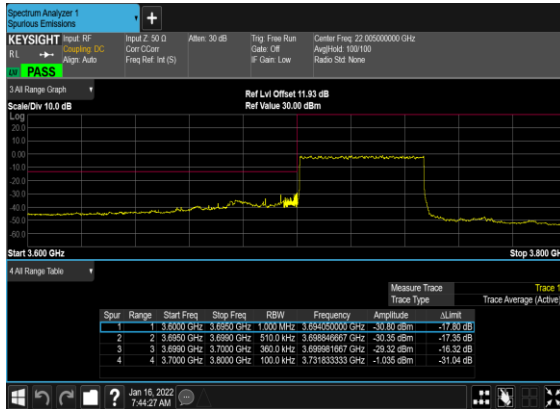
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



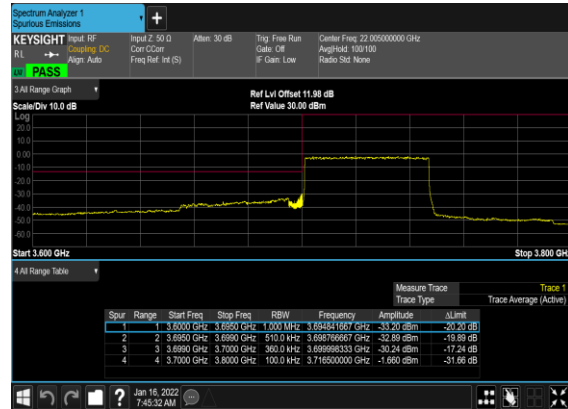
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



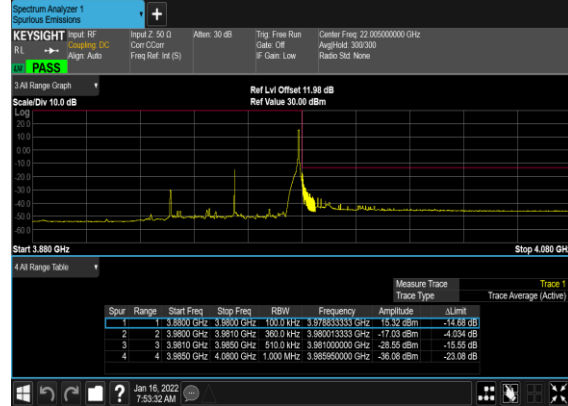
N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



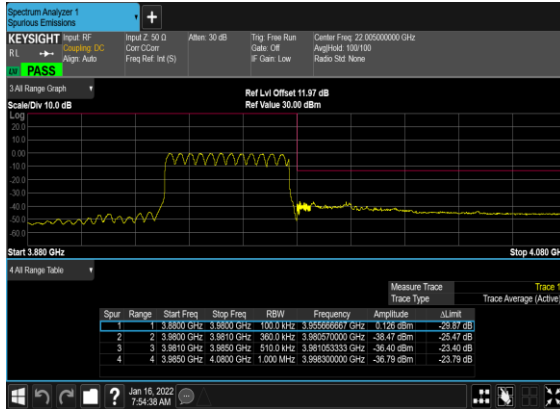
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



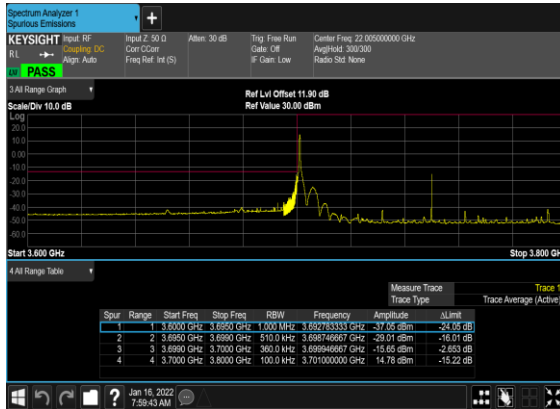
N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



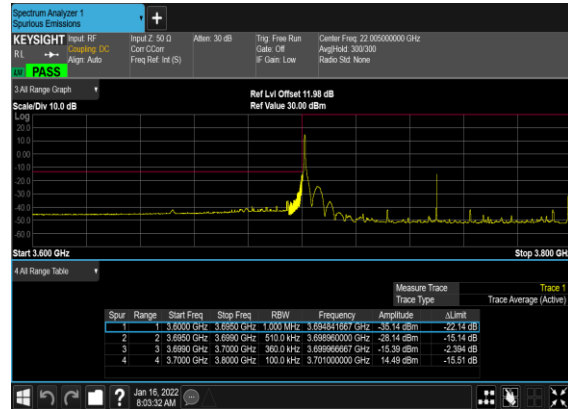
N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



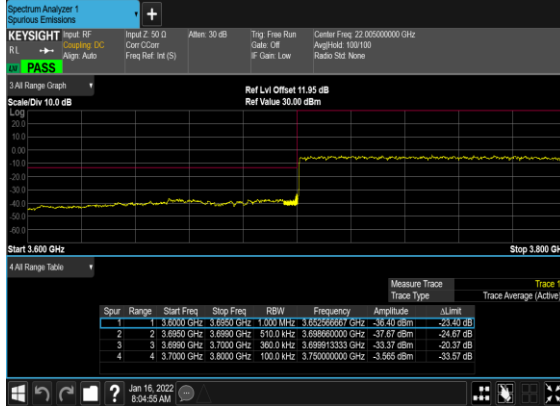
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



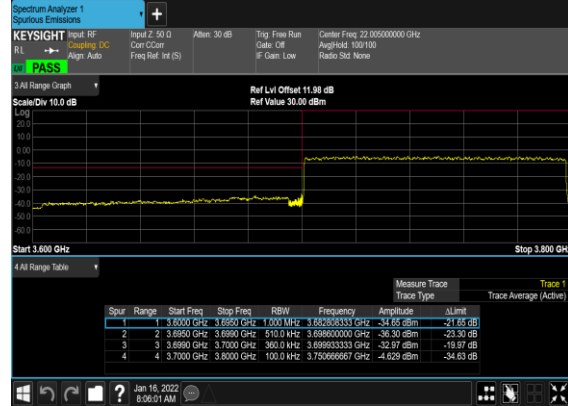
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



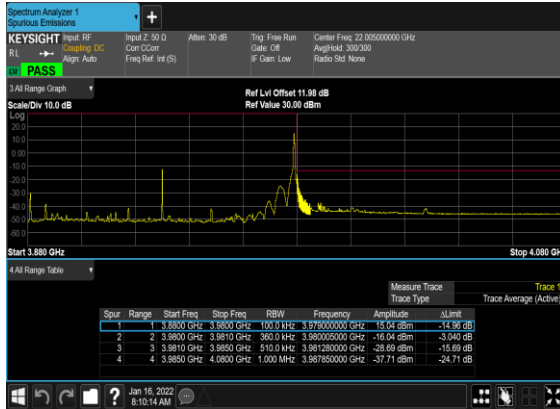
N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



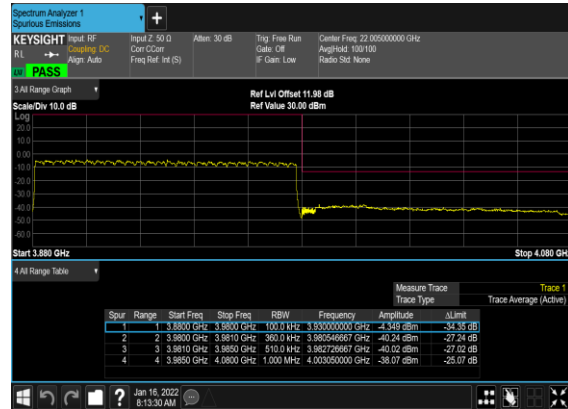
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N78

Transmitter Conducted Output Power And EIRP

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	12@6	25.82	21.82	0.1521
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@1	25.78	21.78	0.1507
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@22	25.76	21.76	0.1500
78	30	10	647000	3705	DFT-s-OFDM QPSK	12@6	25.88	21.88	0.1542
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	25.72	21.72	0.1486
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@22	25.7	21.7	0.1479
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	12@6	24.97	20.97	0.1250
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	24.98	20.98	0.1253
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@22	24.98	20.98	0.1253
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	12@6	23.34	19.34	0.0859
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	1@1	23.31	19.31	0.0853
78	30	10	647000	3705	DFT-s-OFDM 64 QAM	1@22	23.37	19.37	0.0865
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	12@6	21.39	17.39	0.0548
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	1@1	21.25	17.25	0.0531
78	30	10	647000	3705	DFT-s-OFDM 256 QAM	1@22	21.19	17.19	0.0524
78	30	10	647000	3705	CP-OFDM QPSK	12@6	24.41	20.41	0.1099
78	30	10	647000	3705	CP-OFDM QPSK	1@1	24.27	20.27	0.1064
78	30	10	647000	3705	CP-OFDM QPSK	1@22	24.37	20.37	0.1089
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	12@6	25.77	21.77	0.1503
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.73	21.73	0.1489
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@22	25.79	21.79	0.1510
78	30	10	650000	3750	DFT-s-OFDM QPSK	12@6	25.82	21.82	0.1521
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	25.78	21.78	0.1507
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@22	25.78	21.78	0.1507
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	12@6	24.89	20.89	0.1227
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.99	20.99	0.1256
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@22	24.98	20.98	0.1253
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	12@6	23.47	19.47	0.0885

78	30	10	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.14	19.14	0.0820
78	30	10	650000	3750	DFT-s-OFDM 64 QAM	1@22	23.03	19.03	0.0800
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	12@6	21.3	17.3	0.0537
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.16	17.16	0.0520
78	30	10	650000	3750	DFT-s-OFDM 256 QAM	1@22	21.12	17.12	0.0515
78	30	10	650000	3750	CP-OFDM QPSK	12@6	24.34	20.34	0.1081
78	30	10	650000	3750	CP-OFDM QPSK	1@1	24.23	20.23	0.1054
78	30	10	650000	3750	CP-OFDM QPSK	1@22	24.29	20.29	0.1069
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	12@6	25.84	21.84	0.1528
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@1	25.77	21.77	0.1503
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@22	25.82	21.82	0.1521
78	30	10	653000	3795	DFT-s-OFDM QPSK	12@6	25.89	21.89	0.1545
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	25.77	21.77	0.1503
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@22	25.81	21.81	0.1517
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	12@6	24.95	20.95	0.1245
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	24.95	20.95	0.1245
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@22	24.81	20.81	0.1205
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	12@6	23.3	19.3	0.0851
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	1@1	23.3	19.3	0.0851
78	30	10	653000	3795	DFT-s-OFDM 64 QAM	1@22	23.29	19.29	0.0849
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	12@6	21.28	17.28	0.0535
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	1@1	21.26	17.26	0.0532
78	30	10	653000	3795	DFT-s-OFDM 256 QAM	1@22	21.1	17.1	0.0513
78	30	10	653000	3795	CP-OFDM QPSK	12@6	24.37	20.37	0.1089
78	30	10	653000	3795	CP-OFDM QPSK	1@1	24.33	20.33	0.1079
78	30	10	653000	3795	CP-OFDM QPSK	1@22	24.29	20.29	0.1069
78	30	15	647168	3707.52	DFT-s-OFDM PI/2 BPSK	18@9	25.84	21.84	0.1528
78	30	15	647168	3707.52	DFT-s-OFDM PI/2 BPSK	1@1	25.71	21.71	0.1483
78	30	15	647168	3707.52	DFT-s-OFDM PI/2 BPSK	1@36	25.81	21.81	0.1517
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	18@9	25.84	21.84	0.1528
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	25.77	21.77	0.1503
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@36	25.78	21.78	0.1507
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	18@9	24.87	20.87	0.1222
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	24.9	20.9	0.1230

78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@36	25.12	21.12	0.1294
78	30	15	647168	3707.52	DFT-s-OFDM 64 QAM	18@9	23.38	19.38	0.0867
78	30	15	647168	3707.52	DFT-s-OFDM 64 QAM	1@1	23.07	19.07	0.0807
78	30	15	647168	3707.52	DFT-s-OFDM 64 QAM	1@36	23.32	19.32	0.0855
78	30	15	647168	3707.52	DFT-s-OFDM 256 QAM	18@9	21.26	17.26	0.0532
78	30	15	647168	3707.52	DFT-s-OFDM 256 QAM	1@1	21.05	17.05	0.0507
78	30	15	647168	3707.52	DFT-s-OFDM 256 QAM	1@36	21.27	17.27	0.0533
78	30	15	647168	3707.52	CP-OFDM QPSK	19@9	24.37	20.37	0.1089
78	30	15	647168	3707.52	CP-OFDM QPSK	1@1	24.24	20.24	0.1057
78	30	15	647168	3707.52	CP-OFDM QPSK	1@36	24.32	20.32	0.1076
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	18@9	25.76	21.76	0.1500
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.67	21.67	0.1469
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@36	25.67	21.67	0.1469
78	30	15	650000	3750	DFT-s-OFDM QPSK	18@9	25.8	21.8	0.1514
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	25.71	21.71	0.1483
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@36	25.67	21.67	0.1469
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	18@9	24.83	20.83	0.1211
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.91	20.91	0.1233
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@36	25.01	21.01	0.1262
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	18@9	23.34	19.34	0.0859
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.99	18.99	0.0793
78	30	15	650000	3750	DFT-s-OFDM 64 QAM	1@36	23.22	19.22	0.0836
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	18@9	21.19	17.19	0.0524
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.07	17.07	0.0509
78	30	15	650000	3750	DFT-s-OFDM 256 QAM	1@36	20.97	16.97	0.0498
78	30	15	650000	3750	CP-OFDM QPSK	19@9	24.37	20.37	0.1089
78	30	15	650000	3750	CP-OFDM QPSK	1@1	24.23	20.23	0.1054
78	30	15	650000	3750	CP-OFDM QPSK	1@36	24.25	20.25	0.1059
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	18@9	25.8	21.8	0.1514
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	1@1	25.68	21.68	0.1472
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	1@36	25.76	21.76	0.1500
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	18@9	25.85	21.85	0.1531
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	25.71	21.71	0.1483
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@36	25.74	21.74	0.1493

78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	18@9	24.82	20.82	0.1208
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	24.89	20.89	0.1227
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@36	24.92	20.92	0.1236
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	18@9	23.35	19.35	0.0861
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	1@1	23.11	19.11	0.0815
78	30	15	652832	3792.48	DFT-s-OFDM 64 QAM	1@36	23.2	19.2	0.0832
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	18@9	21.37	17.37	0.0546
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	1@1	21.11	17.11	0.0514
78	30	15	652832	3792.48	DFT-s-OFDM 256 QAM	1@36	21.14	17.14	0.0518
78	30	15	652832	3792.48	CP-OFDM QPSK	19@9	24.36	20.36	0.1086
78	30	15	652832	3792.48	CP-OFDM QPSK	1@1	24.18	20.18	0.1042
78	30	15	652832	3792.48	CP-OFDM QPSK	1@36	24.18	20.18	0.1042
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	25@12	25.77	21.77	0.1503
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	25.69	21.69	0.1476
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@49	25.75	21.75	0.1496
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	25.82	21.82	0.1521
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.72	21.72	0.1486
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	25.7	21.7	0.1479
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	24.82	20.82	0.1208
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	25.04	21.04	0.1271
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	24.93	20.93	0.1239
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	25@12	23.31	19.31	0.0853
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@1	23.13	19.13	0.0818
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@49	23.12	19.12	0.0817
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	25@12	21.31	17.31	0.0538
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@1	21.26	17.26	0.0532
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@49	21.18	17.18	0.0522
78	30	20	647334	3710.01	CP-OFDM QPSK	25@12	24.34	20.34	0.1081
78	30	20	647334	3710.01	CP-OFDM QPSK	1@1	24.32	20.32	0.1076
78	30	20	647334	3710.01	CP-OFDM QPSK	1@49	24.35	20.35	0.1084
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	25@12	25.76	21.76	0.1500
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.64	21.64	0.1459
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@49	25.67	21.67	0.1469
78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	25.8	21.8	0.1514

78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	25.68	21.68	0.1472
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	25.67	21.67	0.1469
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	24.75	20.75	0.1189
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.7	20.7	0.1175
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	24.85	20.85	0.1216
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	25@12	23.29	19.29	0.0849
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.07	19.07	0.0807
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@49	23	19	0.0794
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	25@12	21.28	17.28	0.0535
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.23	17.23	0.0528
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@49	21.18	17.18	0.0522
78	30	20	650000	3750	CP-OFDM QPSK	25@12	24.26	20.26	0.1062
78	30	20	650000	3750	CP-OFDM QPSK	1@1	24.33	20.33	0.1079
78	30	20	650000	3750	CP-OFDM QPSK	1@49	24.34	20.34	0.1081
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	25@12	25.84	21.84	0.1528
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	25.67	21.67	0.1469
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@49	25.75	21.75	0.1496
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	25.86	21.86	0.1535
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	25.64	21.64	0.1459
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	25.78	21.78	0.1507
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	24.86	20.86	0.1219
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	24.91	20.91	0.1233
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	25	21	0.1259
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	25@12	23.33	19.33	0.0857
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@1	23.12	19.12	0.0817
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@49	23.24	19.24	0.0839
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	25@12	21.29	17.29	0.0536
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@1	21.23	17.23	0.0528
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@49	21.31	17.31	0.0538
78	30	20	652666	3789.99	CP-OFDM QPSK	25@12	24.37	20.37	0.1089
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	24.25	20.25	0.1059
78	30	20	652666	3789.99	CP-OFDM QPSK	1@49	24.28	20.28	0.1067
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	36@18	25.82	21.82	0.1521
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	25.53	21.53	0.1422

78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@76	25.64	21.64	0.1459
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	25.84	21.84	0.1528
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	25.54	21.54	0.1426
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	25.6	21.6	0.1445
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	24.83	20.83	0.1211
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	24.7	20.7	0.1175
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	24.84	20.84	0.1213
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	36@18	23.31	19.31	0.0853
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@1	22.99	18.99	0.0793
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@76	23.08	19.08	0.0809
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	36@18	21.4	17.4	0.0550
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@1	20.75	16.75	0.0473
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@76	20.95	16.95	0.0495
78	30	30	647668	3715.02	CP-OFDM QPSK	39@19	24.35	20.35	0.1084
78	30	30	647668	3715.02	CP-OFDM QPSK	1@1	24.14	20.14	0.1033
78	30	30	647668	3715.02	CP-OFDM QPSK	1@76	24.15	20.15	0.1035
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	36@18	25.84	21.84	0.1528
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.58	21.58	0.1439
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@76	25.43	21.43	0.1390
78	30	30	650000	3750	DFT-s-OFDM QPSK	36@18	25.84	21.84	0.1528
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	25.65	21.65	0.1462
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@76	25.52	21.52	0.1419
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	36@18	24.84	20.84	0.1213
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.82	20.82	0.1208
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@76	24.77	20.77	0.1194
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	36@18	23.32	19.32	0.0855
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.94	18.94	0.0783
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	1@76	22.81	18.81	0.0760
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	36@18	21.41	17.41	0.0551
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.09	17.09	0.0512
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	1@76	20.91	16.91	0.0491
78	30	30	650000	3750	CP-OFDM QPSK	39@19	24.35	20.35	0.1084
78	30	30	650000	3750	CP-OFDM QPSK	1@1	24.18	20.18	0.1042
78	30	30	650000	3750	CP-OFDM QPSK	1@76	24.05	20.05	0.1012

78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	36@18	25.78	21.78	0.1507
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@1	25.45	21.45	0.1396
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@76	25.5	21.5	0.1413
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	36@18	25.8	21.8	0.1514
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	25.5	21.5	0.1413
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@76	25.54	21.54	0.1426
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	36@18	24.84	20.84	0.1213
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	24.66	20.66	0.1164
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@76	24.8	20.8	0.1202
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	36@18	23.27	19.27	0.0845
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	1@1	22.79	18.79	0.0757
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	1@76	23.07	19.07	0.0807
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	36@18	21.29	17.29	0.0536
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	1@1	20.91	16.91	0.0491
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	1@76	21.13	17.13	0.0516
78	30	30	652332	3784.98	CP-OFDM QPSK	39@19	24.38	20.38	0.1091
78	30	30	652332	3784.98	CP-OFDM QPSK	1@1	24.05	20.05	0.1012
78	30	30	652332	3784.98	CP-OFDM QPSK	1@76	24.09	20.09	0.1021
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	50@25	25.77	21.77	0.1503
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	25.34	21.34	0.1361
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@104	25.41	21.41	0.1384
78	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	25.85	21.85	0.1531
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	25.43	21.43	0.1390
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	25.46	21.46	0.1400
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	24.84	20.84	0.1213
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	24.71	20.71	0.1178
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	24.64	20.64	0.1159
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	23.29	19.29	0.0849
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	23.11	19.11	0.0815
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	22.96	18.96	0.0787
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	21.27	17.27	0.0533
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	20.7	16.7	0.0468
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	20.94	16.94	0.0494
78	30	40	648000	3720	CP-OFDM QPSK	53@26	24.3	20.3	0.1072

78	30	40	648000	3720	CP-OFDM QPSK	1@1	23.93	19.93	0.0984
78	30	40	648000	3720	CP-OFDM QPSK	1@104	23.97	19.97	0.0993
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	50@25	25.81	21.81	0.1517
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.49	21.49	0.1409
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@104	25.33	21.33	0.1358
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	25.83	21.83	0.1524
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	25.54	21.54	0.1426
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	25.35	21.35	0.1365
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	24.79	20.79	0.1199
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.8	20.8	0.1202
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	24.57	20.57	0.1140
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	50@25	23.3	19.3	0.0851
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.16	19.16	0.0824
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@104	22.92	18.92	0.0780
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	50@25	21.35	17.35	0.0543
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.16	17.16	0.0520
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@104	20.96	16.96	0.0497
78	30	40	650000	3750	CP-OFDM QPSK	53@26	24.33	20.33	0.1079
78	30	40	650000	3750	CP-OFDM QPSK	1@1	24.08	20.08	0.1019
78	30	40	650000	3750	CP-OFDM QPSK	1@104	23.99	19.99	0.0998
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	50@25	25.74	21.74	0.1493
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	25.34	21.34	0.1361
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@104	25.44	21.44	0.1393
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	25.76	21.76	0.1500
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	25.28	21.28	0.1343
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	25.42	21.42	0.1387
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	24.8	20.8	0.1202
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	24.53	20.53	0.1130
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	24.65	20.65	0.1161
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	50@25	23.21	19.21	0.0834
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@1	22.81	18.81	0.0760
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@104	23.03	19.03	0.0800
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	50@25	21.25	17.25	0.0531
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@1	20.94	16.94	0.0494

78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@104	21.16	17.16	0.0520
78	30	40	652000	3780	CP-OFDM QPSK	53@26	24.25	20.25	0.1059
78	30	40	652000	3780	CP-OFDM QPSK	1@1	23.96	19.96	0.0991
78	30	40	652000	3780	CP-OFDM QPSK	1@104	24.09	20.09	0.1021
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	64@32	25.83	21.83	0.1524
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	25.58	21.58	0.1439
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@131	25.5	21.5	0.1413
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	64@32	25.92	21.92	0.1556
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	25.57	21.57	0.1435
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	25.56	21.56	0.1432
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	24.89	20.89	0.1227
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	24.79	20.79	0.1199
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	24.76	20.76	0.1191
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	64@32	23.4	19.4	0.0871
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	22.95	18.95	0.0785
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@131	23.01	19.01	0.0796
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	64@32	21.45	17.45	0.0556
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	20.89	16.89	0.0489
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@131	20.89	16.89	0.0489
78	30	50	648334	3725.01	CP-OFDM QPSK	67@33	24.35	20.35	0.1084
78	30	50	648334	3725.01	CP-OFDM QPSK	1@1	24.07	20.07	0.1016
78	30	50	648334	3725.01	CP-OFDM QPSK	1@131	24.13	20.13	0.1030
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	64@32	25.8	21.8	0.1514
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.64	21.64	0.1459
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@131	25.47	21.47	0.1403
78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	25.87	21.87	0.1538
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	25.73	21.73	0.1489
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	25.51	21.51	0.1416
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	24.86	20.86	0.1219
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.88	20.88	0.1225
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	24.67	20.67	0.1167
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	64@32	23.32	19.32	0.0855
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.03	19.03	0.0800
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@131	22.8	18.8	0.0759

78	30	50	650000	3750	DFT-s-OFDM 256 QAM	64@32	21.33	17.33	0.0541
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.02	17.02	0.0504
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@131	20.87	16.87	0.0486
78	30	50	650000	3750	CP-OFDM QPSK	67@33	24.3	20.3	0.1072
78	30	50	650000	3750	CP-OFDM QPSK	1@1	24.19	20.19	0.1045
78	30	50	650000	3750	CP-OFDM QPSK	1@131	24.04	20.04	0.1009
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	64@32	25.74	21.74	0.1493
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	25.56	21.56	0.1432
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@131	25.54	21.54	0.1426
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	25.78	21.78	0.1507
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	25.55	21.55	0.1429
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	25.51	21.51	0.1416
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	24.79	20.79	0.1199
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	24.76	20.76	0.1191
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	24.77	20.77	0.1194
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	64@32	23.25	19.25	0.0841
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	22.92	18.92	0.0780
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@131	22.78	18.78	0.0755
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	64@32	21.31	17.31	0.0538
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	20.92	16.92	0.0492
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@131	20.92	16.92	0.0492
78	30	50	651666	3774.99	CP-OFDM QPSK	67@33	24.26	20.26	0.1062
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	24.02	20.02	0.1005
78	30	50	651666	3774.99	CP-OFDM QPSK	1@131	24.09	20.09	0.1021
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	81@40	25.81	21.81	0.1517
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	25.48	21.48	0.1406
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@160	25.46	21.46	0.1400
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	25.83	21.83	0.1524
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	25.48	21.48	0.1406
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	25.4	21.4	0.1380
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	24.86	20.86	0.1219
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	24.77	20.77	0.1194
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	24.67	20.67	0.1167
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	81@40	23.34	19.34	0.0859

78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@1	23.16	19.16	0.0824
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@160	22.85	18.85	0.0767
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	81@40	21.35	17.35	0.0543
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@1	20.8	16.8	0.0479
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@160	20.84	16.84	0.0483
78	30	60	648668	3730.02	CP-OFDM QPSK	81@40	24.35	20.35	0.1084
78	30	60	648668	3730.02	CP-OFDM QPSK	1@1	24.11	20.11	0.1026
78	30	60	648668	3730.02	CP-OFDM QPSK	1@160	24.05	20.05	0.1012
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	81@40	25.78	21.78	0.1507
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.6	21.6	0.1445
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@160	25.46	21.46	0.1400
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	25.79	21.79	0.1510
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	25.62	21.62	0.1452
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	25.47	21.47	0.1403
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	24.82	20.82	0.1208
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.76	20.76	0.1191
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	24.69	20.69	0.1172
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	81@40	23.28	19.28	0.0847
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.85	18.85	0.0767
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@160	22.86	18.86	0.0769
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	81@40	21.33	17.33	0.0541
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.05	17.05	0.0507
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@160	20.94	16.94	0.0494
78	30	60	650000	3750	CP-OFDM QPSK	81@40	24.35	20.35	0.1084
78	30	60	650000	3750	CP-OFDM QPSK	1@1	24.17	20.17	0.1040
78	30	60	650000	3750	CP-OFDM QPSK	1@160	24.04	20.04	0.1009
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	81@40	25.77	21.77	0.1503
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	25.56	21.56	0.1432
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@160	25.56	21.56	0.1432
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	25.83	21.83	0.1524
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	25.59	21.59	0.1442
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	25.58	21.58	0.1439
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	24.79	20.79	0.1199
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	24.86	20.86	0.1219

78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	24.8	20.8	0.1202
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	81@40	23.28	19.28	0.0847
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@1	22.86	18.86	0.0769
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@160	22.87	18.87	0.0771
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	81@40	21.29	17.29	0.0536
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@1	20.98	16.98	0.0499
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@160	21.09	17.09	0.0512
78	30	60	651332	3769.98	CP-OFDM QPSK	81@40	24.28	20.28	0.1067
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	24.18	20.18	0.1042
78	30	60	651332	3769.98	CP-OFDM QPSK	1@160	24.12	20.12	0.1028
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	90@45	25.88	21.88	0.1542
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	25.44	21.44	0.1393
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@187	25.37	21.37	0.1371
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	25.98	21.98	0.1578
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	25.41	21.41	0.1384
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	25.33	21.33	0.1358
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	24.9	20.9	0.1230
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	24.63	20.63	0.1156
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	24.57	20.57	0.1140
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	90@45	23.43	19.43	0.0877
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@1	22.58	18.58	0.0721
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@187	22.65	18.65	0.0733
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	90@45	21.3	17.3	0.0537
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@1	20.71	16.71	0.0469
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@187	20.68	16.68	0.0466
78	30	70	649000	3735	CP-OFDM QPSK	95@47	24.39	20.39	0.1094
78	30	70	649000	3735	CP-OFDM QPSK	1@1	24.08	20.08	0.1019
78	30	70	649000	3735	CP-OFDM QPSK	1@187	23.99	19.99	0.0998
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	90@45	25.78	21.78	0.1507
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.46	21.46	0.1400
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@187	25.37	21.37	0.1371
78	30	70	650000	3750	DFT-s-OFDM QPSK	90@45	25.83	21.83	0.1524
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	25.52	21.52	0.1419
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@187	25.35	21.35	0.1365

78	30	70	650000	3750	DFT-s-OFDM 16 QAM	90@45	24.77	20.77	0.1194
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.66	20.66	0.1164
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@187	24.49	20.49	0.1119
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	90@45	23.3	19.3	0.0851
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.87	18.87	0.0771
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@187	22.64	18.64	0.0731
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	90@45	21.22	17.22	0.0527
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.63	16.63	0.0460
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@187	20.6	16.6	0.0457
78	30	70	650000	3750	CP-OFDM QPSK	95@47	24.27	20.27	0.1064
78	30	70	650000	3750	CP-OFDM QPSK	1@1	24.16	20.16	0.1038
78	30	70	650000	3750	CP-OFDM QPSK	1@187	24	20	0.1000
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	90@45	25.81	21.81	0.1517
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	25.53	21.53	0.1422
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@187	25.42	21.42	0.1387
78	30	70	651000	3765	DFT-s-OFDM QPSK	90@45	25.83	21.83	0.1524
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	25.53	21.53	0.1422
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@187	25.39	21.39	0.1377
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	24.81	20.81	0.1205
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	24.54	20.54	0.1132
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	24.37	20.37	0.1089
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	90@45	23.3	19.3	0.0851
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@1	22.77	18.77	0.0753
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@187	22.61	18.61	0.0726
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	90@45	21.2	17.2	0.0525
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@1	20.87	16.87	0.0486
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@187	20.72	16.72	0.0470
78	30	70	651000	3765	CP-OFDM QPSK	95@47	24.35	20.35	0.1084
78	30	70	651000	3765	CP-OFDM QPSK	1@1	23.99	19.99	0.0998
78	30	70	651000	3765	CP-OFDM QPSK	1@187	24.06	20.06	0.1014
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	108@54	25.89	21.89	0.1545
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	25.36	21.36	0.1368
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@215	25.22	21.22	0.1324
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	25.91	21.91	0.1552

78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	25.37	21.37	0.1371
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	25.25	21.25	0.1334
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	24.88	20.88	0.1225
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	24.55	20.55	0.1135
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	24.45	20.45	0.1109
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	108@54	23.35	19.35	0.0861
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@1	22.7	18.7	0.0741
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@215	22.56	18.56	0.0718
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	108@54	21.34	17.34	0.0542
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@1	20.59	16.59	0.0456
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@215	20.48	16.48	0.0445
78	30	80	649334	3740.01	CP-OFDM QPSK	109@54	24.34	20.34	0.1081
78	30	80	649334	3740.01	CP-OFDM QPSK	1@1	23.83	19.83	0.0962
78	30	80	649334	3740.01	CP-OFDM QPSK	1@215	23.87	19.87	0.0971
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	108@54	25.8	21.8	0.1514
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.37	21.37	0.1371
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@215	25.23	21.23	0.1327
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	25.81	21.81	0.1517
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	25.37	21.37	0.1371
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	25.26	21.26	0.1337
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	24.83	20.83	0.1211
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.58	20.58	0.1143
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	24.51	20.51	0.1125
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	108@54	23.3	19.3	0.0851
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.57	18.57	0.0719
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@215	22.41	18.41	0.0693
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	108@54	21.27	17.27	0.0533
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.69	16.69	0.0467
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@215	20.56	16.56	0.0453
78	30	80	650000	3750	CP-OFDM QPSK	109@54	24.28	20.28	0.1067
78	30	80	650000	3750	CP-OFDM QPSK	1@1	23.9	19.9	0.0977
78	30	80	650000	3750	CP-OFDM QPSK	1@215	23.74	19.74	0.0942
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	108@54	25.76	21.76	0.1500
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	25.41	21.41	0.1384

78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@215	25.32	21.32	0.1355
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	25.77	21.77	0.1503
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	25.41	21.41	0.1384
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	25.3	21.3	0.1349
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	24.8	20.8	0.1202
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	24.63	20.63	0.1156
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	24.56	20.56	0.1138
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	108@54	23.21	19.21	0.0834
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@1	22.72	18.72	0.0745
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@215	22.72	18.72	0.0745
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	108@54	21.21	17.21	0.0526
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@1	20.73	16.73	0.0471
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@215	20.7	16.7	0.0468
78	30	80	650666	3759.99	CP-OFDM QPSK	109@54	24.23	20.23	0.1054
78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	24	20	0.1000
78	30	80	650666	3759.99	CP-OFDM QPSK	1@215	23.83	19.83	0.0962
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	120@60	25.77	21.77	0.1503
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	25.22	21.22	0.1324
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@243	25.14	21.14	0.1300
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	25.82	21.82	0.1521
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	25.26	21.26	0.1337
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	25.2	21.2	0.1318
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	24.83	20.83	0.1211
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	24.4	20.4	0.1096
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	24.32	20.32	0.1076
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	120@60	23.3	19.3	0.0851
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@1	22.5	18.5	0.0708
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@243	22.48	18.48	0.0705
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	120@60	21.23	17.23	0.0528
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@1	20.35	16.35	0.0432
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@243	20.46	16.46	0.0443
78	30	90	649668	3745.02	CP-OFDM QPSK	123@61	24.32	20.32	0.1076
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	23.83	19.83	0.0962
78	30	90	649668	3745.02	CP-OFDM QPSK	1@243	23.67	19.67	0.0927

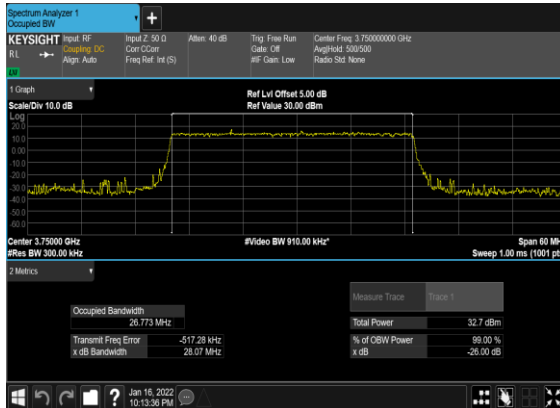
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	120@60	25.73	21.73	0.1489
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.24	21.24	0.1330
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@243	25.14	21.14	0.1300
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	25.75	21.75	0.1496
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	25.2	21.2	0.1318
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	25.15	21.15	0.1303
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	24.79	20.79	0.1199
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.38	20.38	0.1091
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	24.29	20.29	0.1069
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	120@60	23.29	19.29	0.0849
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.56	18.56	0.0718
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@243	22.43	18.43	0.0697
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	120@60	21.21	17.21	0.0526
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.32	16.32	0.0429
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@243	20.4	16.4	0.0437
78	30	90	650000	3750	CP-OFDM QPSK	123@61	24.3	20.3	0.1072
78	30	90	650000	3750	CP-OFDM QPSK	1@1	23.73	19.73	0.0940
78	30	90	650000	3750	CP-OFDM QPSK	1@243	23.62	19.62	0.0916
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	120@60	25.74	21.74	0.1493
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	25.25	21.25	0.1334
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@243	25.15	21.15	0.1303
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	25.73	21.73	0.1489
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	25.27	21.27	0.1340
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	25.16	21.16	0.1306
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	24.75	20.75	0.1189
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	24.57	20.57	0.1140
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	24.45	20.45	0.1109
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	120@60	23.19	19.19	0.0830
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@1	22.79	18.79	0.0757
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@243	22.5	18.5	0.0708
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	120@60	21.15	17.15	0.0519
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@1	20.48	16.48	0.0445
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@243	20.4	16.4	0.0437
78	30	90	650332	3754.98	CP-OFDM QPSK	123@61	24.28	20.28	0.1067

78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	23.86	19.86	0.0968
78	30	90	650332	3754.98	CP-OFDM QPSK	1@243	23.63	19.63	0.0918
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.75	21.75	0.1496
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.09	21.09	0.1285
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	25.08	21.08	0.1282
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	25.83	21.83	0.1524
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	25.1	21.1	0.1288
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	25.09	21.09	0.1285
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	24.77	20.77	0.1194
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.29	20.29	0.1069
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	24.28	20.28	0.1067
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.27	19.27	0.0845
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.47	18.47	0.0703
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	22.37	18.37	0.0687
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.25	17.25	0.0531
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.31	16.31	0.0428
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	20.34	16.34	0.0431
78	30	100	650000	3750	CP-OFDM QPSK	137@68	24.25	20.25	0.1059
78	30	100	650000	3750	CP-OFDM QPSK	1@1	23.61	19.61	0.0914
78	30	100	650000	3750	CP-OFDM QPSK	1@271	23.55	19.55	0.0902

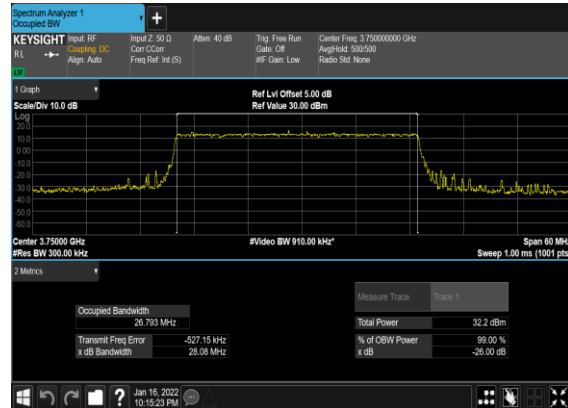
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
78	30	30	650000	3750.0	DFT-s-OFDM PI/2 BPSK	75@0	26.773	28.07
78	30	30	650000	3750.0	DFT-s-OFDM QPSK	75@0	26.793	28.08
78	30	30	650000	3750.0	CP-OFDM QPSK	78@0	27.778	29.28
78	30	30	650000	3750.0	CP-OFDM 16 QAM	78@0	27.818	29.4
78	30	30	650000	3750.0	CP-OFDM 64 QAM	78@0	27.833	29.15
78	30	30	650000	3750.0	CP-OFDM 256 QAM	78@0	27.809	29.28
78	30	70	650000	3750.0	DFT-s-OFDM PI/2 BPSK	180@0	64.401	67.11
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	64.35	66.6
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	67.507	69.91
78	30	70	650000	3750.0	CP-OFDM 16 QAM	189@0	67.488	69.85
78	30	70	650000	3750.0	CP-OFDM 64 QAM	189@0	67.478	69.79
78	30	70	650000	3750.0	CP-OFDM 256 QAM	189@0	67.508	69.74

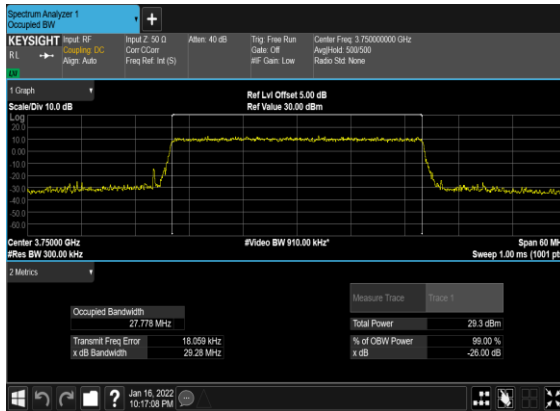
N78(30M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



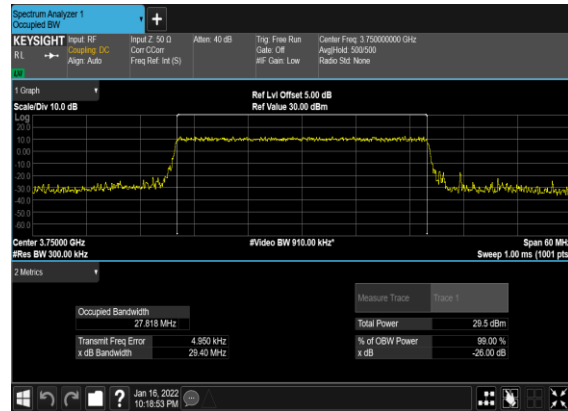
N78(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



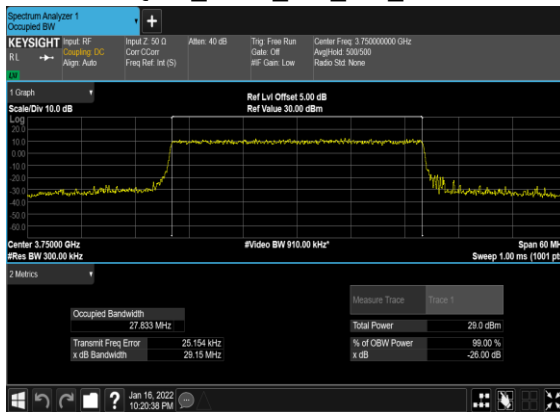
N78(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



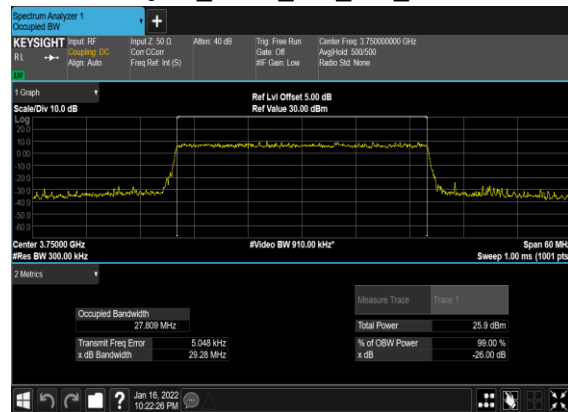
N78(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



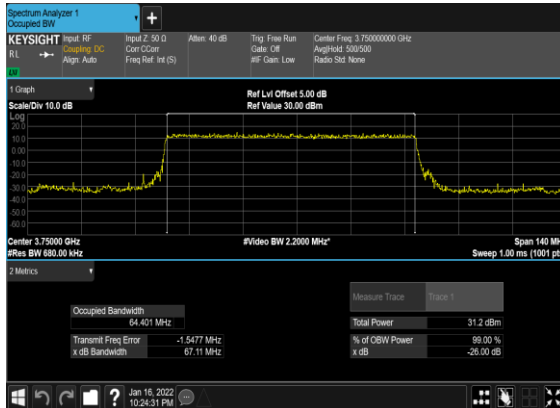
N78(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



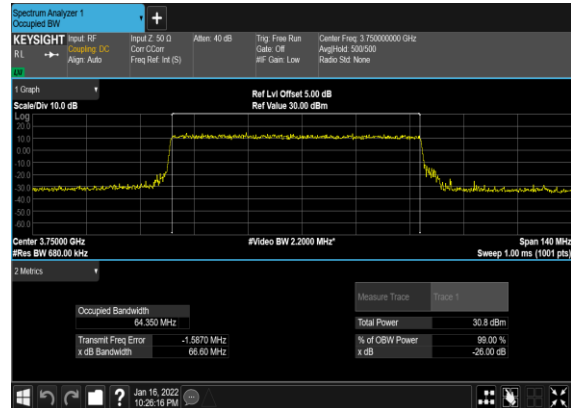
N78(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



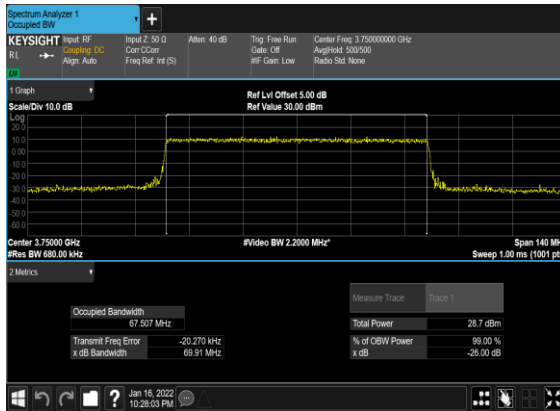
N78(70M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



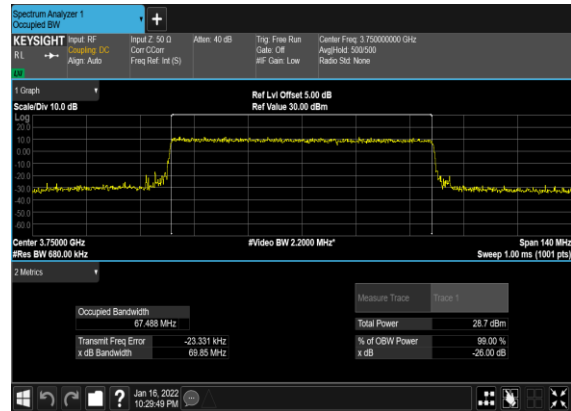
N78(70M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



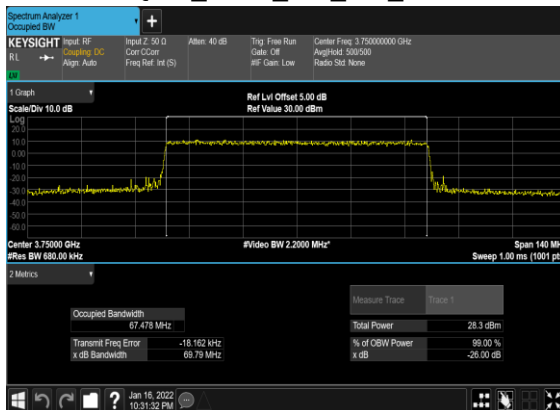
N78(70M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



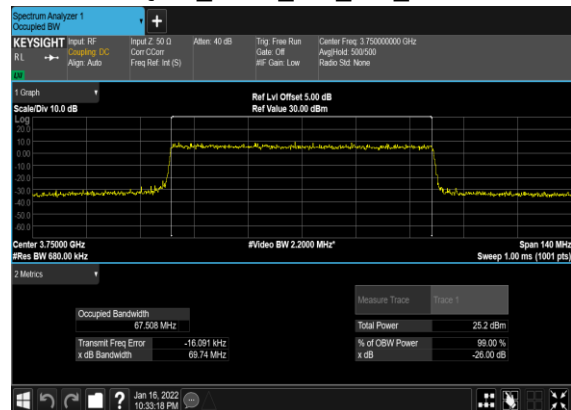
N78(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N78(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N78(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	30	647668	3715.02	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	30	647668	3715.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	30	647668	3715.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	30	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	30	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	30	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	30	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	30	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	30	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	30	652332	3784.98	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	30	652332	3784.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	30	652332	3784.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	70	649000	3735.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	1@0	see graph	---

78	30	70	649000	3735.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	70	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	70	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	70	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

N78(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N78(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



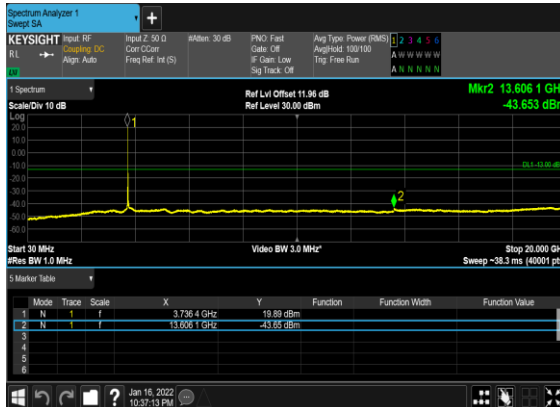
N78(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



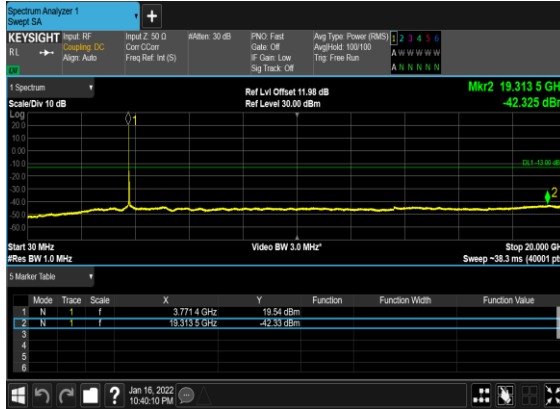
N78(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



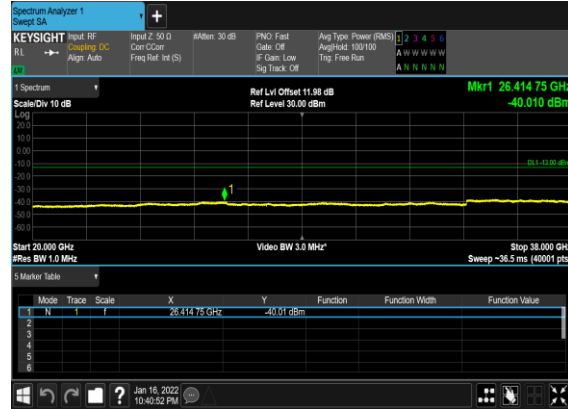
N78(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



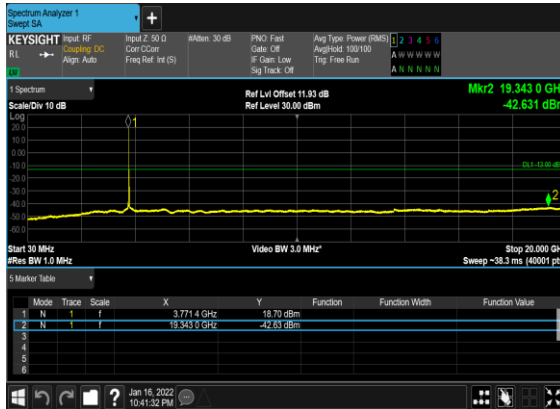
N78(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N78(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N78(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N78(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



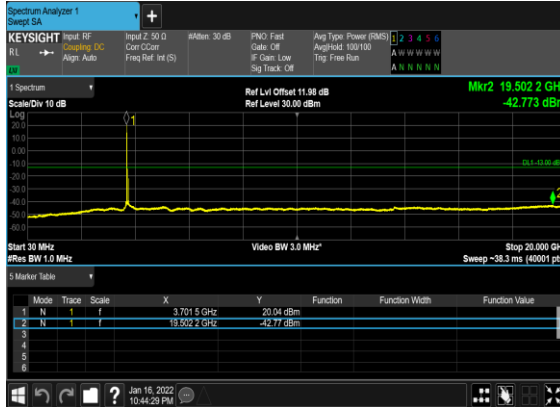
N78(70M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N78(70M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



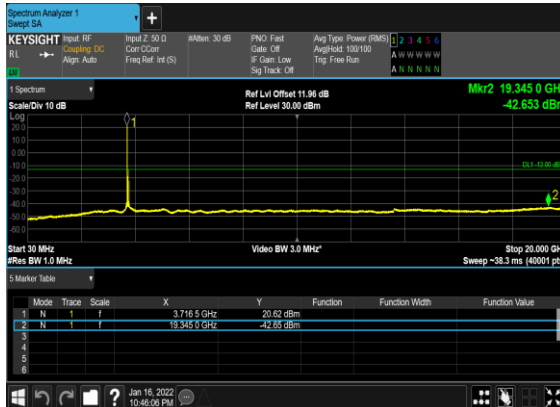
N78(70M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(70M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(70M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(70M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



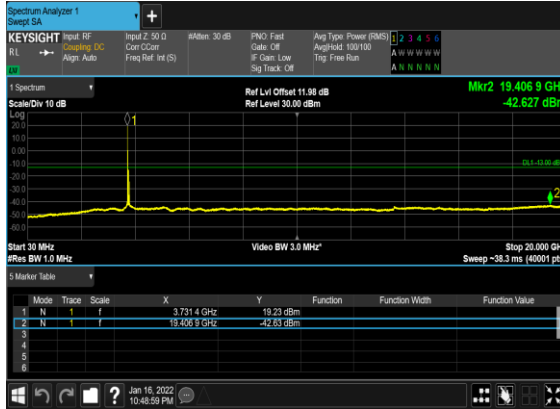
N78(70M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



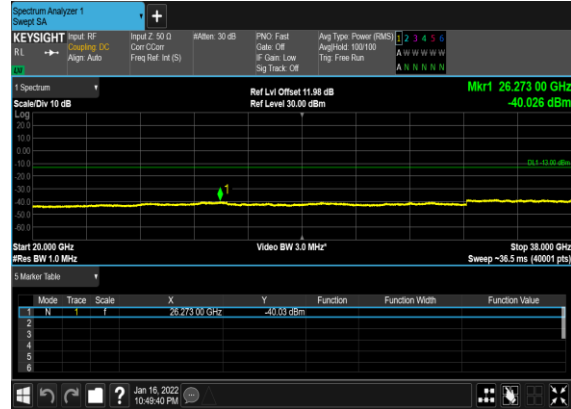
N78(70M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



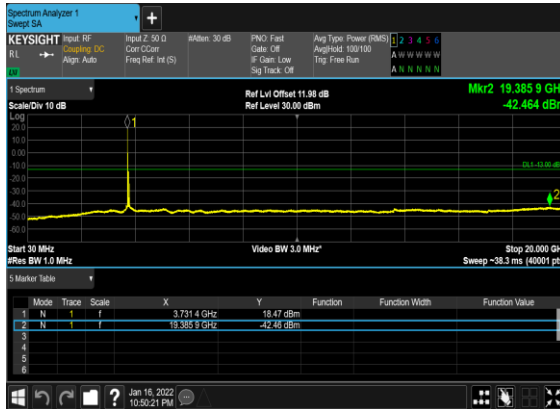
N78(70M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N78(70M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N78(70M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



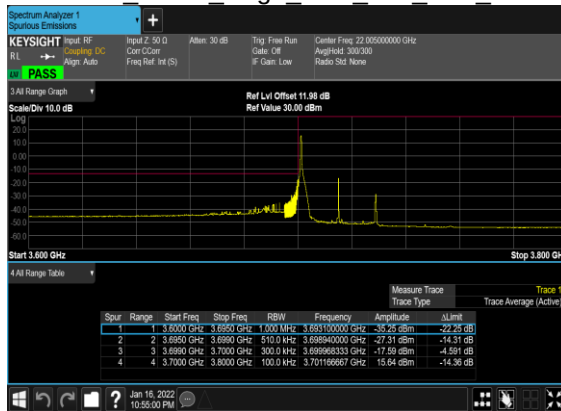
N78(70M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



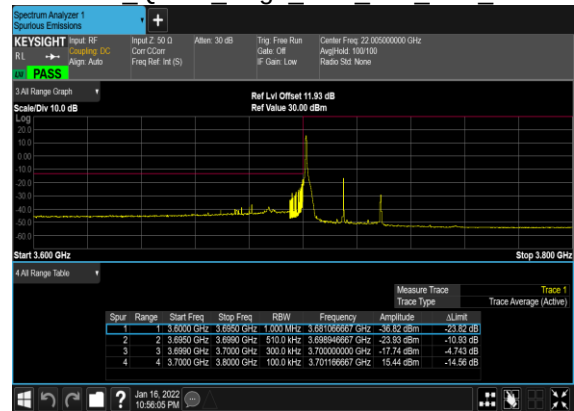
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	30	647668	3715.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	30	647668	3715.02	DFT-s-OFDM BPSK	75@0	see graph	PASS
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	75@0	see graph	PASS
78	30	30	652332	3784.98	DFT-s-OFDM BPSK	1@77	see graph	PASS
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@77	see graph	PASS
78	30	30	652332	3784.98	DFT-s-OFDM BPSK	75@0	see graph	PASS
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	75@0	see graph	PASS
78	30	70	649000	3735.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	70	649000	3735.0	DFT-s-OFDM BPSK	180@0	see graph	PASS
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	180@0	see graph	PASS
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	1@188	see graph	PASS
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	1@188	see graph	PASS
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	180@0	see graph	PASS
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	180@0	see graph	PASS

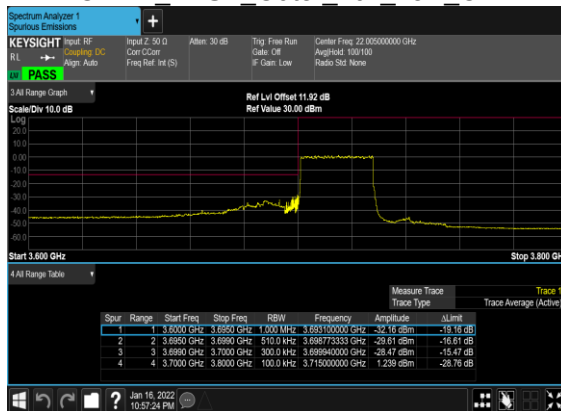
N78(30M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CH



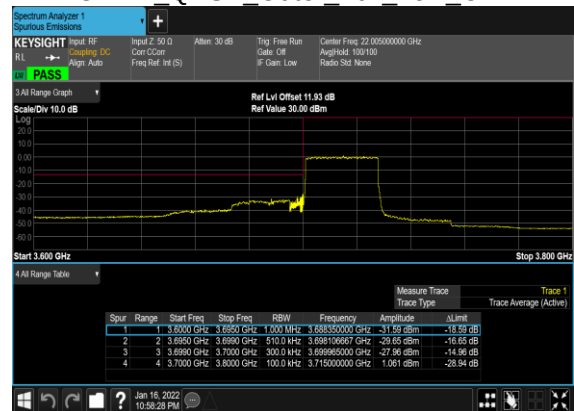
N78(30M)_DFT-s-
OFDM QPSK Edge 1RB Left Low CH



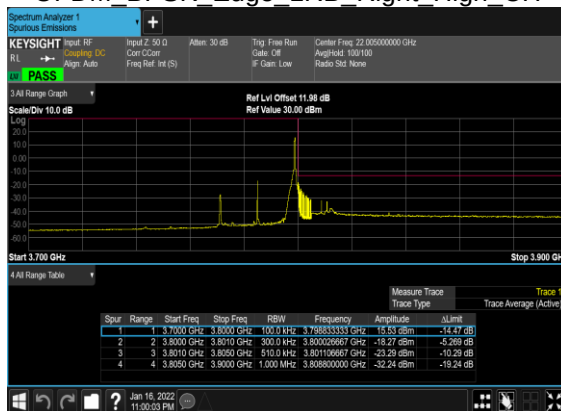
N78(30M)_DFT-s-
OFDM BPSK Outer Full Low CH



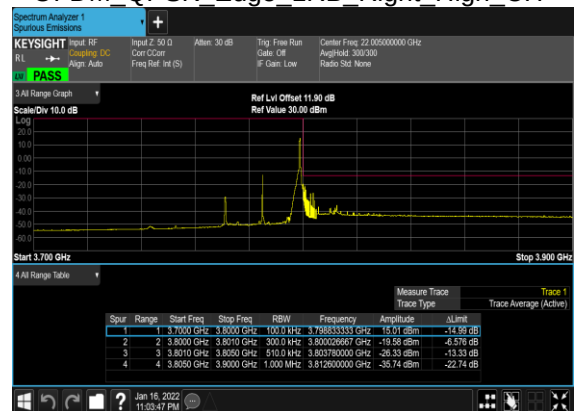
N78(30M)_DFT-s-
OFDM QPSK Outer Full Low CH



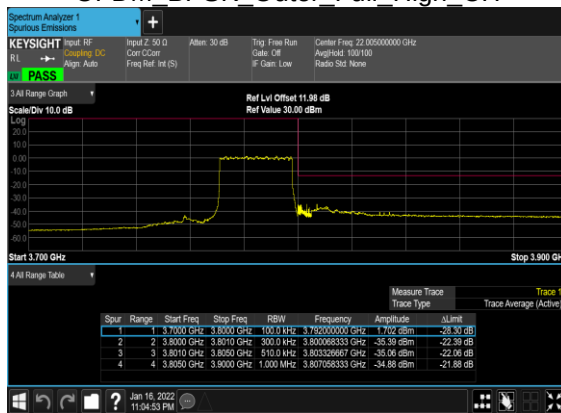
N78(30M)_DFT-s-
OFDM BPSK Edge 1RB Right High CH



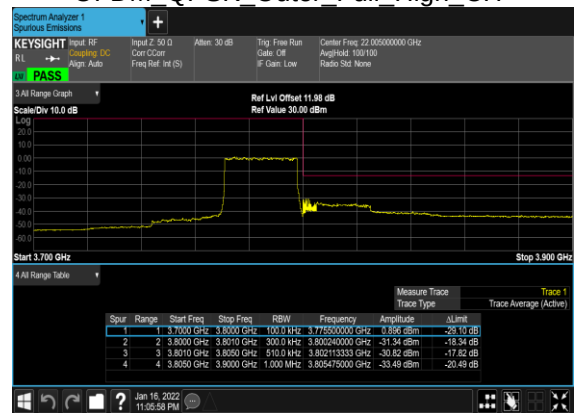
N78(30M)_DFT-s-
OFDM QPSK Edge 1RB Right High CH



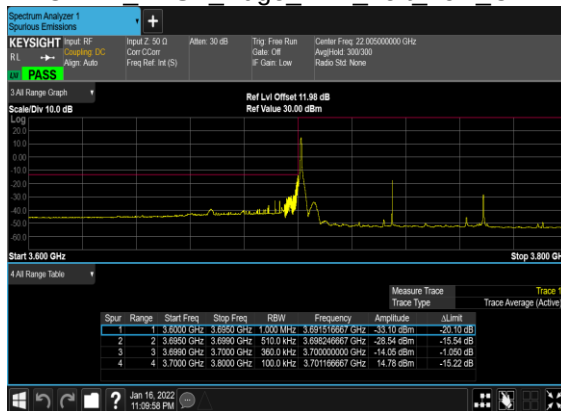
N78(30M)_DFT-s-OFDM BPSK Outer Full High CH



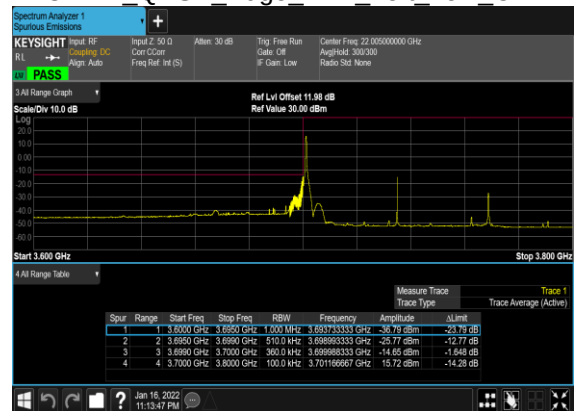
N78(30M)_DFT-s-OFDM QPSK Outer Full High CH



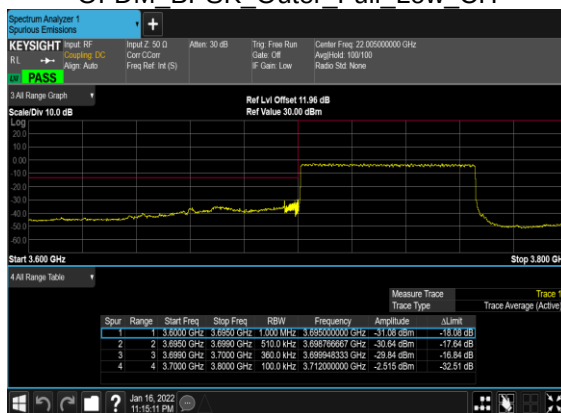
N78(70M)_DFT-s-OFDM BPSK Edge 1RB Left Low CH



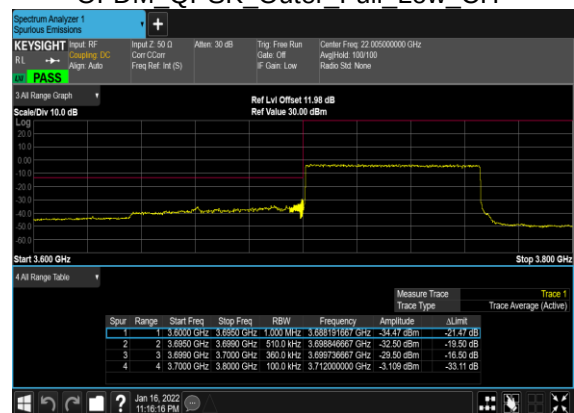
N78(70M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



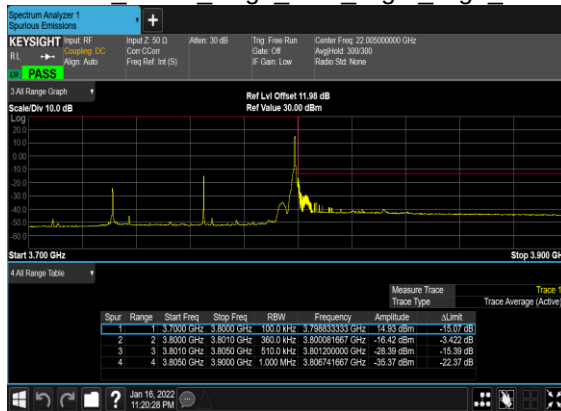
N78(70M)_DFT-s-OFDM BPSK Outer Full Low CH



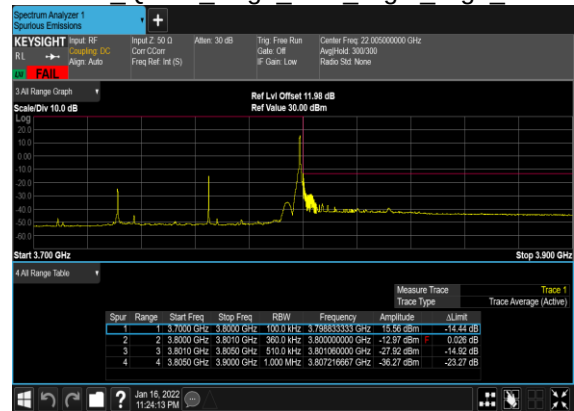
N78(70M)_DFT-s-OFDM QPSK Outer Full Low CH



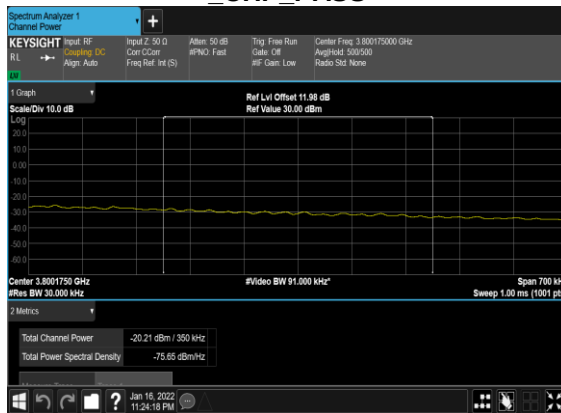
N78(70M)_DFT-s-OFDM BPSK Edge 1RB Right High CH



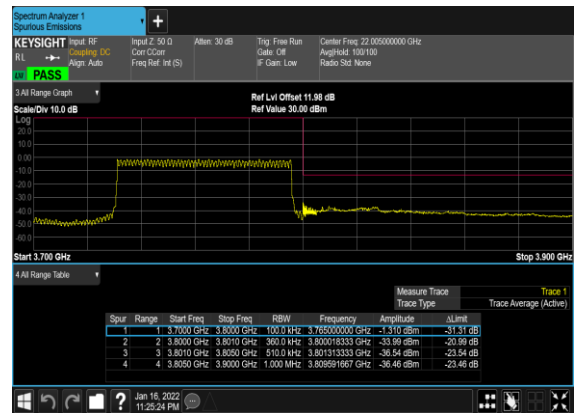
N78(70M)_DFT-s-OFDM QPSK Edge 1RB Right High CH



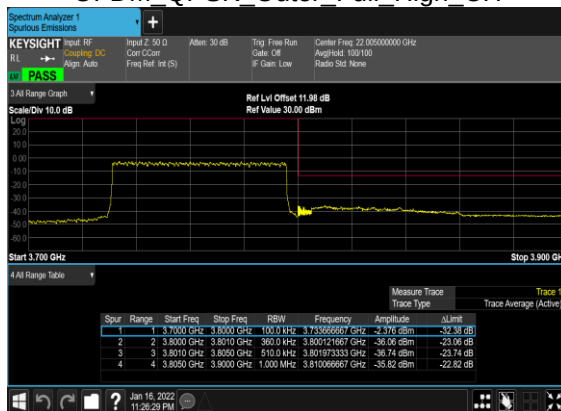
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH CHP PASS



N78(70M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N78(70M)_DFT-s-OFDM QPSK Outer Full High CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Levi Zhuo	Temperature :	22~23°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antenna combinations for EN-DC mode, we choose the worst antenna mode to test.

SA n41 / NR 100MHz / QPSK DFT-s-OFDM / ANT0								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5100	-62.93	-25	-37.93	-73.14	3.03	13.24	H
	7650	-62.57	-25	-37.57	-72.02	3.56	13.01	H
	10185	-61.78	-25	-36.78	-71.30	3.92	13.44	H
	5100	-64.03	-25	-39.03	-74.24	3.03	13.24	V
	7650	-62.93	-25	-37.93	-72.38	3.56	13.01	V
	10185	-62.25	-25	-37.25	-71.77	3.92	13.44	V

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

EN-DC_25A_n41A / LTE 10MHz + NR 100MHz / QPSK DFT-s-OFDM / ANT0 (LTE) & ANT1 (NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5092	-64.38	-25	-39.38	-74.59	3.03	13.24	H
	7641	-62.49	-25	-37.49	-71.94	3.56	13.01	H
	10188	-62.18	-25	-37.18	-71.70	3.92	13.44	H
	5092	-64.40	-25	-39.40	-74.61	3.03	13.24	V
	7641	-62.84	-25	-37.84	-72.29	3.56	13.01	V
	10188	-62.32	-25	-37.32	-71.84	3.92	13.44	V

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

EN-DC_71A_n41A / LTE 10MHz + NR 100MHz / QPSK DFT-s-OFDM / ANT1 (LTE) & ANT0 (NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5094	-63.85	-25	-38.85	-74.06	3.03	13.24	H
	7641	-62.55	-25	-37.55	-72.00	3.56	13.01	H
	10188	-61.95	-25	-36.95	-71.47	3.92	13.44	H
	5092	-64.42	-25	-39.42	-74.63	3.03	13.24	V
	7641	-62.49	-25	-37.49	-71.94	3.56	13.01	V
	10188	-62.04	-25	-37.04	-71.56	3.92	13.44	V

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



SA n71 / NR 20MHz / QPSK DFT-s-OFDM / ANT0								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1344	-67.45	-13	-54.45	-69.20	1.02	4.92	H
	2016	-61.99	-13	-48.99	-63.96	1.27	5.39	H
	2688	-59.86	-13	-46.86	-62.79	1.49	6.57	H
	1344	-66.05	-13	-53.05	-67.80	1.02	4.92	V
	2016	-61.23	-13	-48.23	-63.20	1.27	5.39	V
	2688	-59.65	-13	-46.65	-62.58	1.49	6.57	V

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

EN-DC_7A_n71A / LTE 10MHz + NR 20MHz / QPSK DFT-s-OFDM / ANT0 (LTE) & ANT1 (NR)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1348	-68.38	-13	-55.38	-70.13	1.02	4.92	H
	2022	-62.03	-13	-49.03	-64.00	1.27	5.39	H
	2696	-60.24	-13	-47.24	-63.17	1.49	6.57	H
	3372	-59.78	-13	-46.78	-63.18	1.73	7.28	H
	1348	-67.98	-13	-54.98	-69.73	1.02	4.92	V
	2022	-61.28	-13	-48.28	-63.25	1.27	5.39	V
	2696	-59.67	-13	-46.67	-62.60	1.49	6.57	V
	3372	-60.09	-13	-47.09	-63.49	1.73	7.28	V

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

SA n77 / NR 100MHz / QPSK DFT-s-OFDM / ANT2								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7584	-30.47	-13	-17.47	-40.95	2.76	13.24	H
	11376	-54.29	-13	-41.29	-63.88	3.42	13.01	H
	15168	-52.65	-13	-39.65	-62.26	3.83	13.44	H
	7584	-38.38	-13	-25.38	-48.82	2.80	13.24	V
	11376	-58.01	-13	-45.01	-67.56	3.46	13.01	V
	15168	-59.96	-13	-46.96	-69.52	3.88	13.44	V

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



EN-DC_30A_n77A / LTE 10MHz + NR 100MHz / QPSK DFT-s-OFDM / ANT0 (LTE) & ANT2 (NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7404	-33.25	-13	-20.25	-43.73	2.76	13.24	H
	11115	-61.37	-13	-48.37	-70.96	3.42	13.01	H
	14808	-58.90	-13	-45.90	-68.51	3.83	13.44	H
	7404	-40.00	-13	-27.00	-50.44	2.80	13.24	V
	11115	-61.53	-13	-48.53	-71.08	3.46	13.01	V
	14820	-62.08	-13	-49.08	-71.64	3.88	13.44	V

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

SA n78 / NR 100MHz / QPSK DFT-s-OFDM / ANT2								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7404	-29.90	-13	-16.90	-40.38	2.76	13.24	H
	11100	-56.26	-13	-43.26	-65.85	3.42	13.01	H
	14808	-52.34	-13	-39.34	-61.95	3.83	13.44	H
	7404	-32.37	-13	-19.37	-42.81	2.80	13.24	V
	11100	-57.71	-13	-44.71	-67.26	3.46	13.01	V
	14808	-55.07	-13	-42.07	-64.63	3.88	13.44	V

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

EN-DC_7A_n78A / LTE 10MHz + NR 100MHz / QPSK DFT-s-OFDM / ANT0 (LTE) & ANT2 (NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7584	-34.58	-13	-21.58	-45.06	2.76	13.24	H
	11388	-61.55	-13	-48.55	-71.14	3.42	13.01	H
	15180	-60.65	-13	-47.65	-70.26	3.83	13.44	H
	7584	-41.43	-13	-28.43	-51.87	2.80	13.24	V
	11388	-61.60	-13	-48.60	-71.15	3.46	13.01	V
	15180	-61.24	-13	-48.24	-70.80	3.88	13.44	V

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