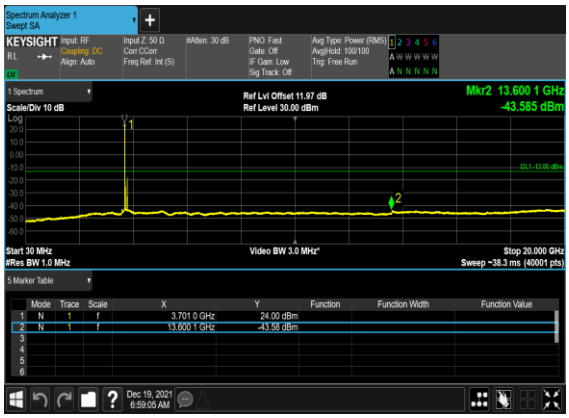
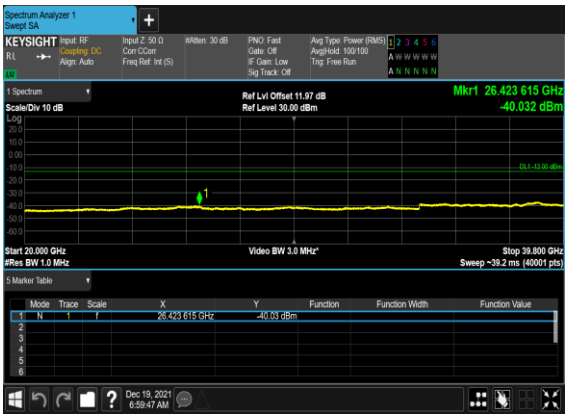
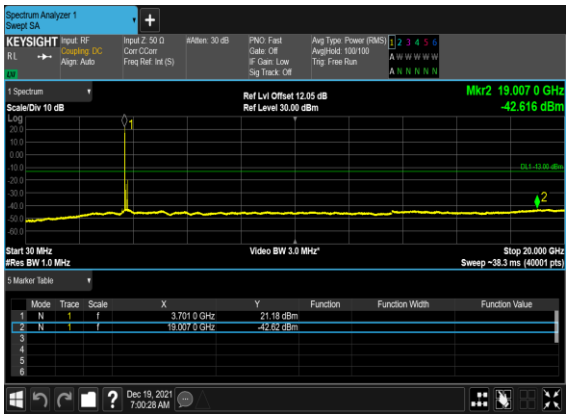
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



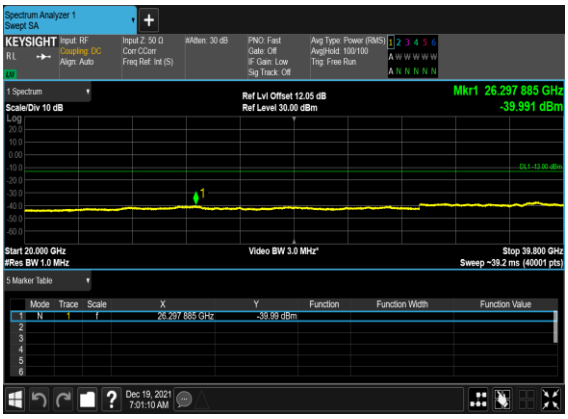
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



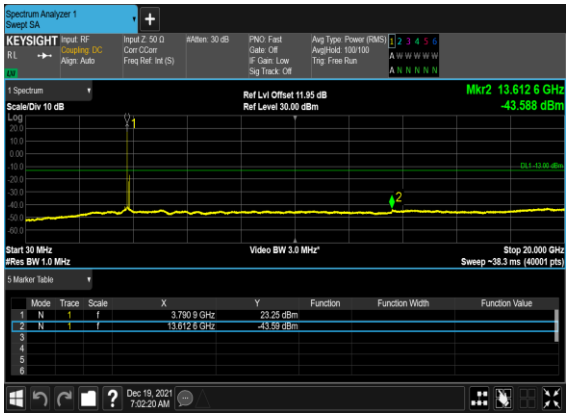
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



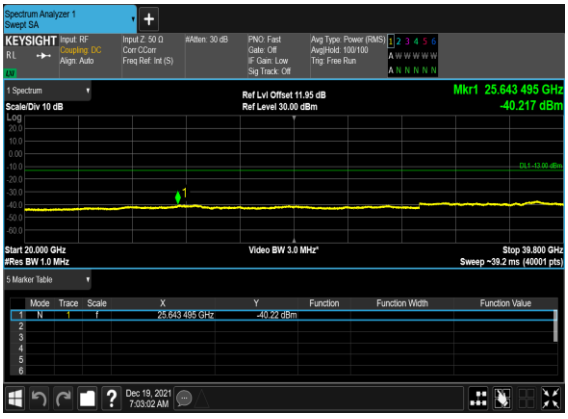
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



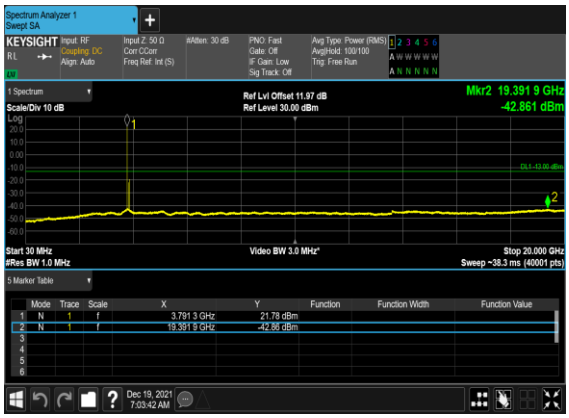
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



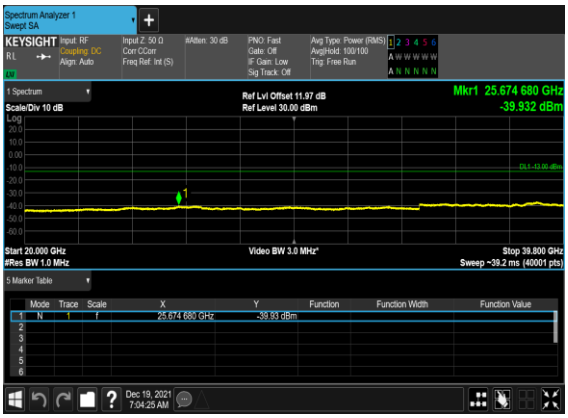
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



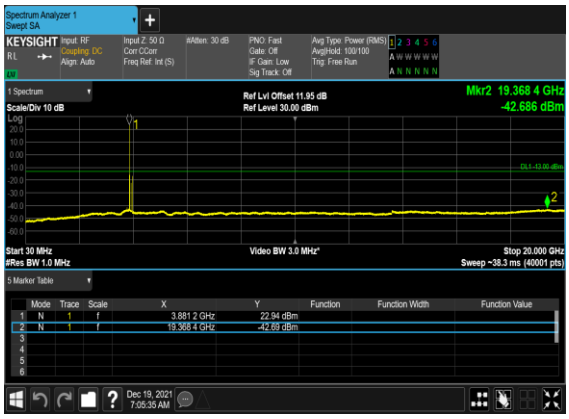
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



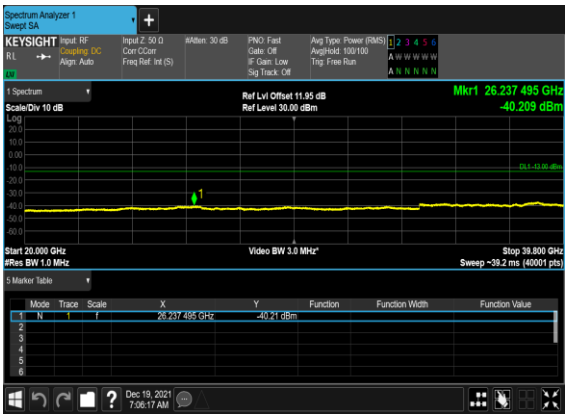
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



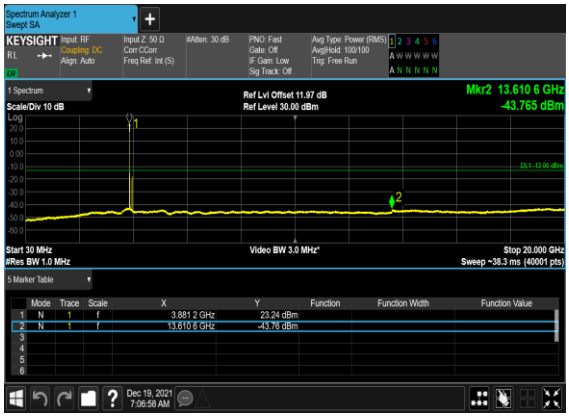
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



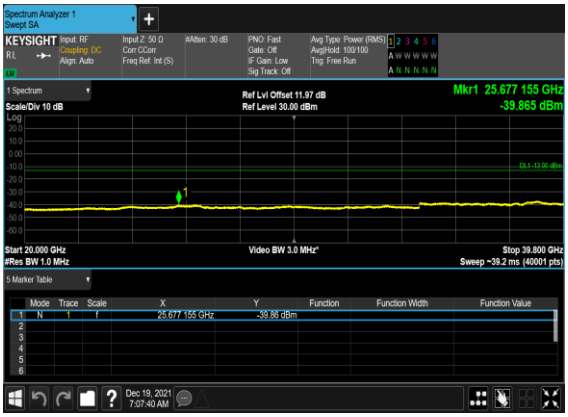
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

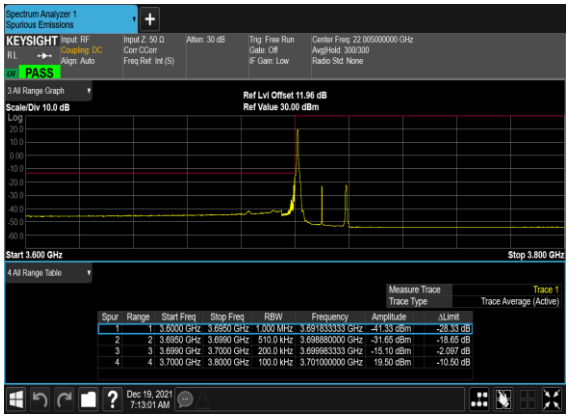


Conducted Band Edge

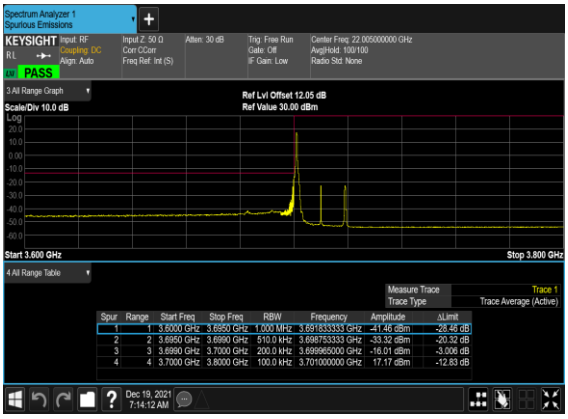
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
77	30	20	647334	3710.01	DFT-s-OFDM 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**

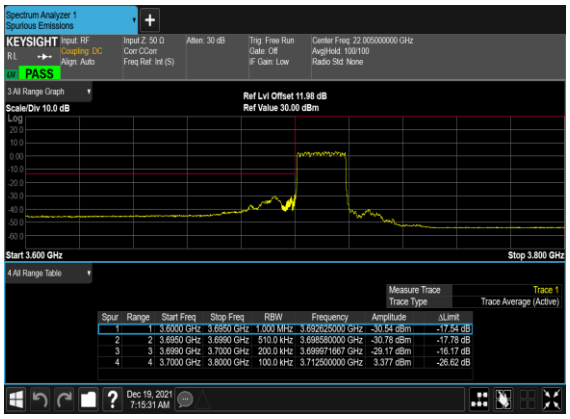
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



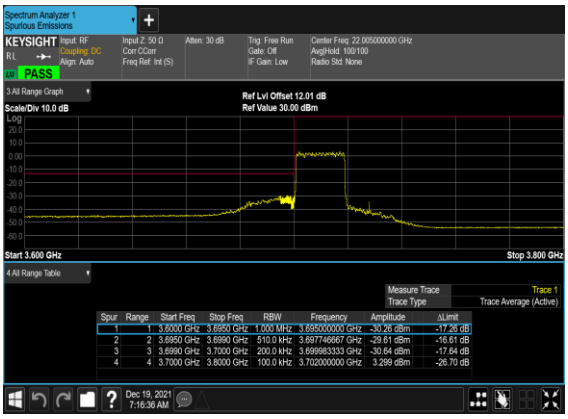
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



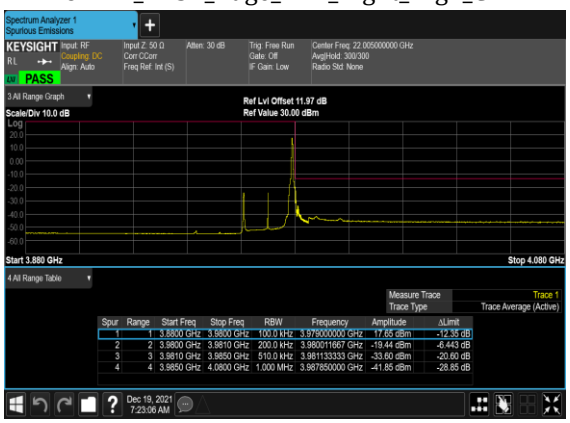
N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



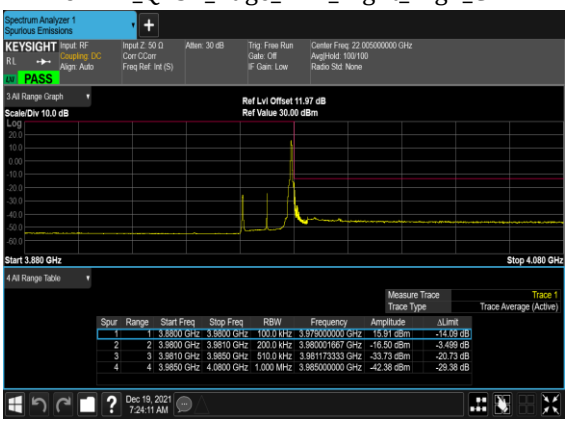
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



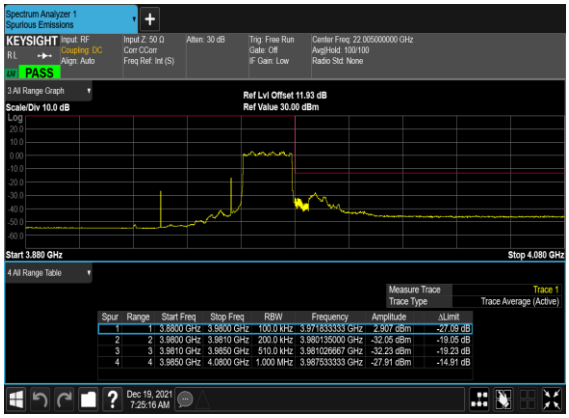
N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

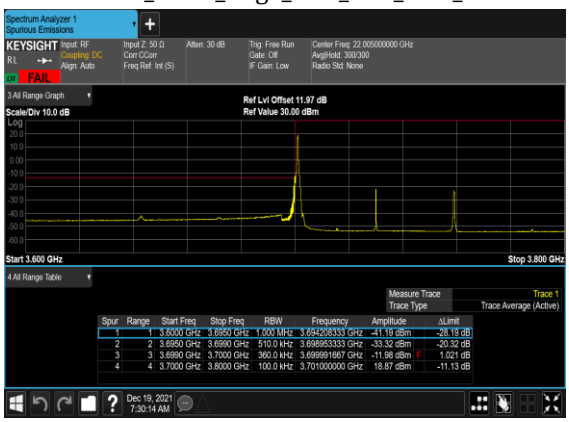


N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

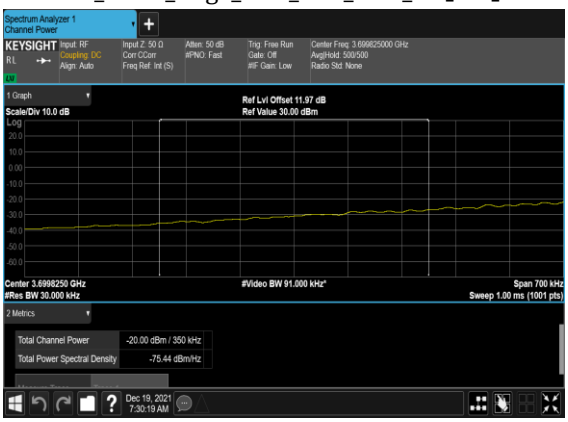


N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

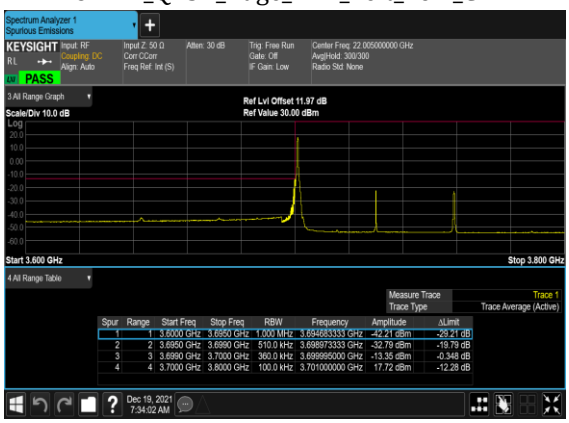
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



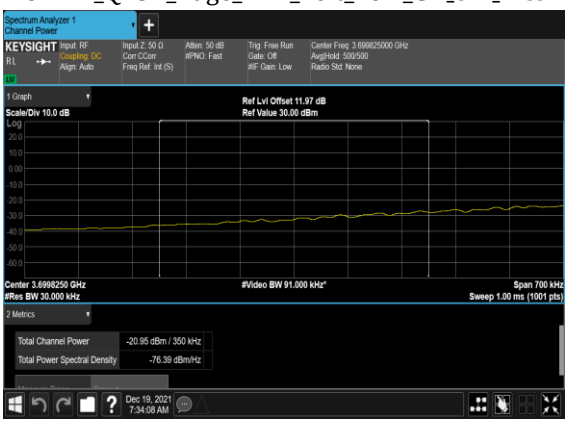
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



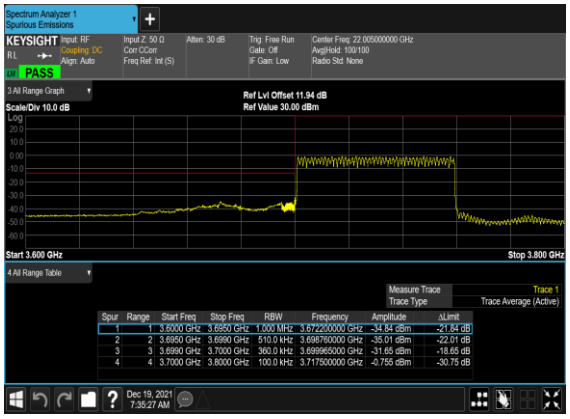
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



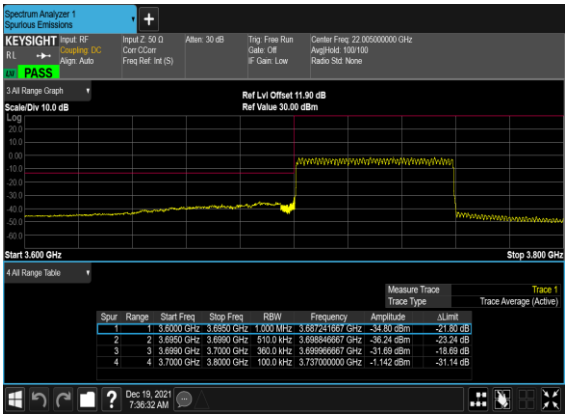
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



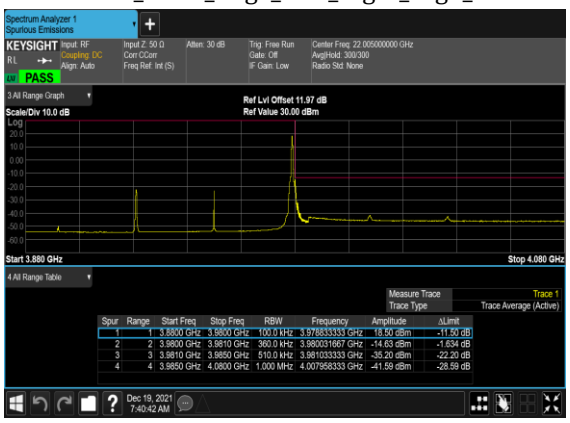
N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



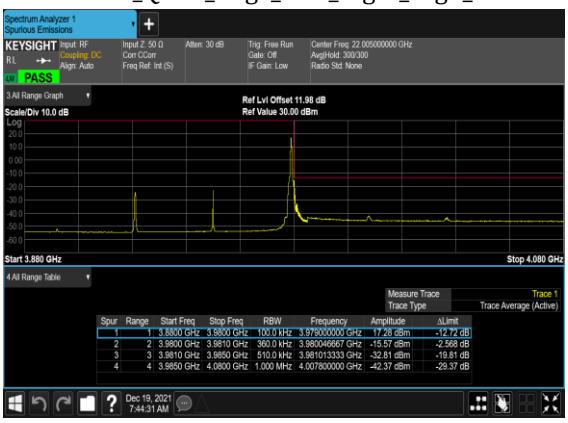
N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



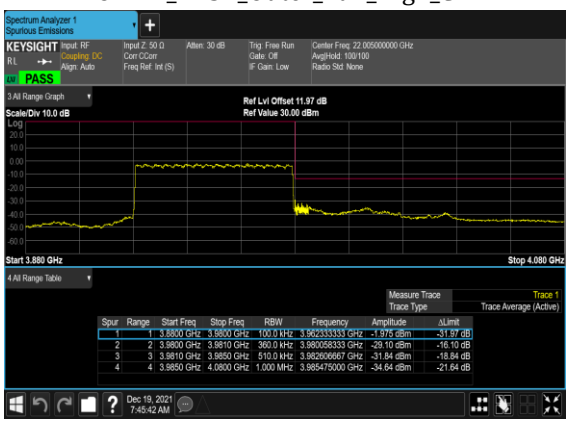
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



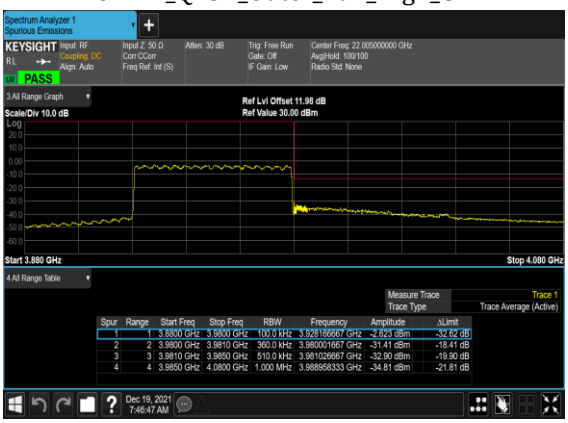
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



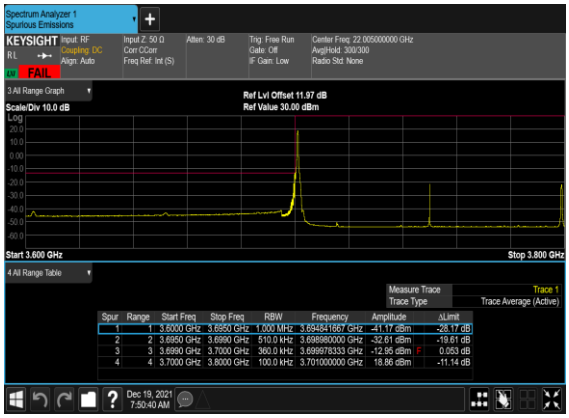
N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



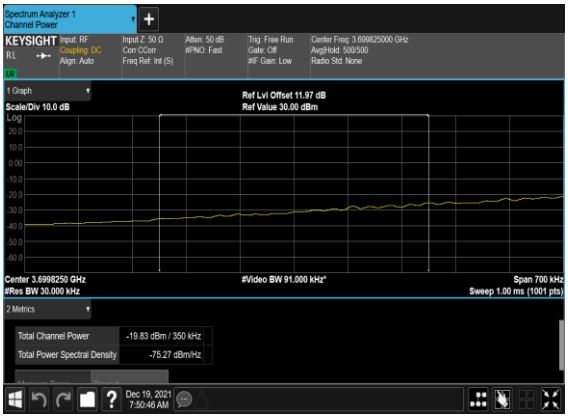
N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



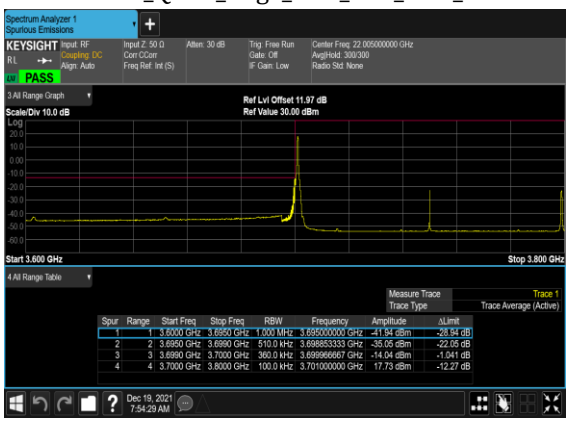
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



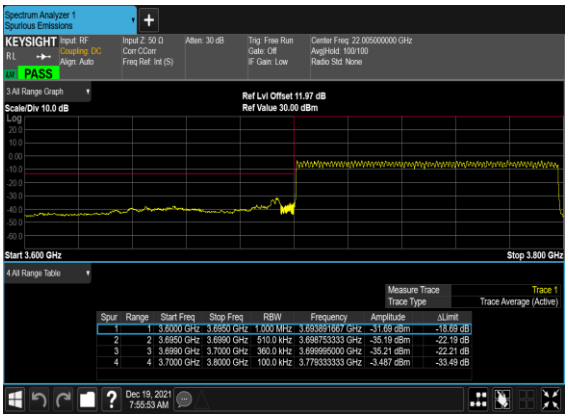
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



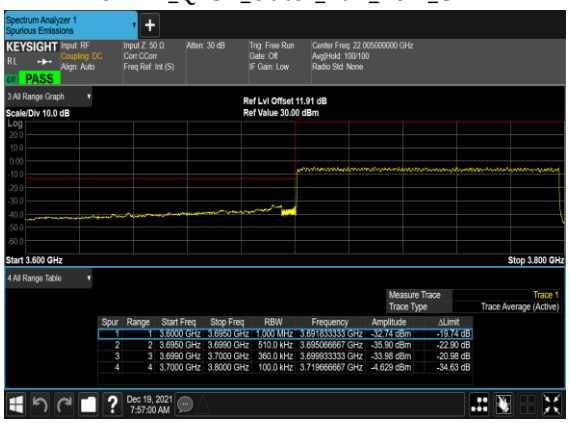
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



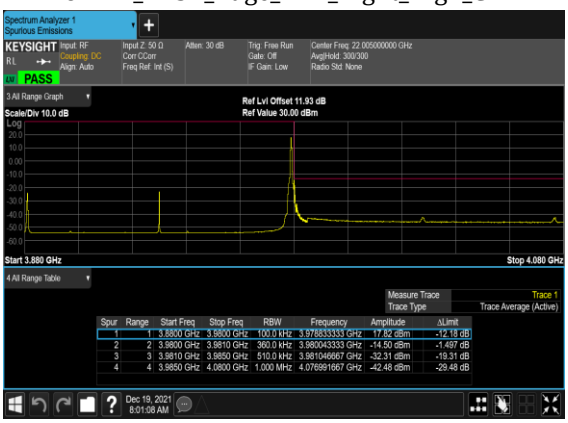
N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



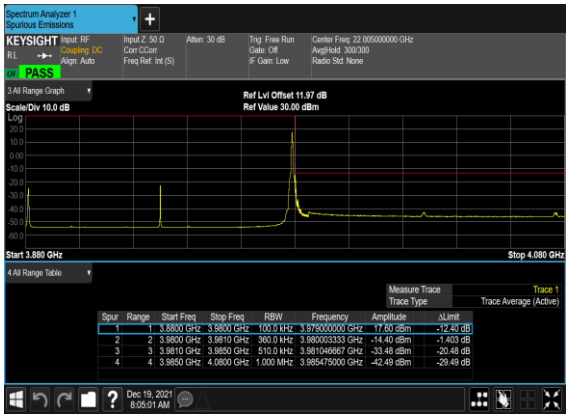
N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



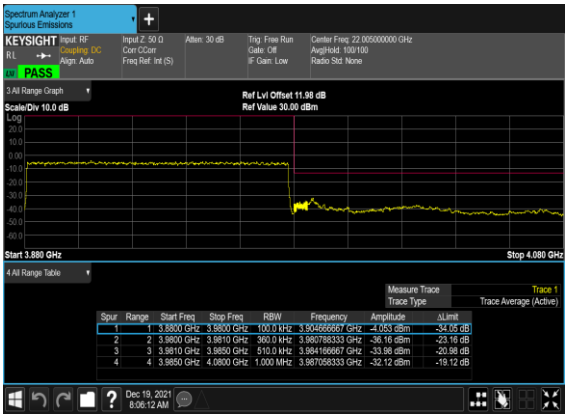
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



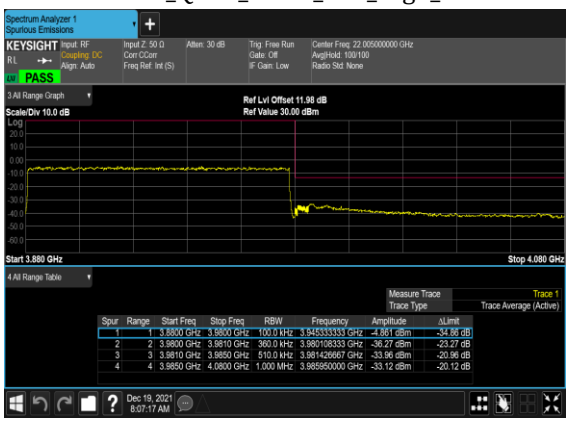
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 21.02.121001

FR1 N78

Transmitter Conducted Output Power And ERP/EIRP, (G_T - L_C) =-6.8dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	25@12	23.06	16.26	0.0423
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	23.19	16.39	0.0436
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@49	23.16	16.36	0.0433
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	23.05	16.25	0.0422
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	23.18	16.38	0.0435
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	23.06	16.26	0.0423
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	22.05	15.25	0.0335
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	22.26	15.46	0.0352
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	22.22	15.42	0.0348
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	25@12	20.77	13.97	0.0249
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@1	20.79	13.99	0.0251
78	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@49	20.76	13.96	0.0249
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	25@12	18.7	11.9	0.0155
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@1	18.55	11.75	0.0150
78	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@49	18.36	11.56	0.0143
78	30	20	647334	3710.01	CP-OFDM QPSK	25@12	21.73	14.93	0.0311
78	30	20	647334	3710.01	CP-OFDM QPSK	1@1	21.91	15.11	0.0324
78	30	20	647334	3710.01	CP-OFDM QPSK	1@49	21.8	15	0.0316
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	25@12	23.05	16.25	0.0422
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.15	16.35	0.0432

78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@49	23.06	16.26	0.0423
78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	23.1	16.3	0.0427
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	23.11	16.31	0.0428
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	23.06	16.26	0.0423
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	22.1	15.3	0.0339
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.18	15.38	0.0345
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	22.17	15.37	0.0344
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	25@12	20.76	13.96	0.0249
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.82	14.02	0.0252
78	30	20	650000	3750	DFT-s-OFDM 64 QAM	1@49	20.69	13.89	0.0245
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	25@12	18.6	11.8	0.0151
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.45	11.65	0.0146
78	30	20	650000	3750	DFT-s-OFDM 256 QAM	1@49	18.31	11.51	0.0142
78	30	20	650000	3750	CP-OFDM QPSK	25@12	21.77	14.97	0.0314
78	30	20	650000	3750	CP-OFDM QPSK	1@1	21.81	15.01	0.0317
78	30	20	650000	3750	CP-OFDM QPSK	1@49	21.66	14.86	0.0306
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	25@12	23.03	16.23	0.0420
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	23.12	16.32	0.0429
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@49	23.05	16.25	0.0422
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	23.08	16.28	0.0425
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	23.08	16.28	0.0425
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	22.98	16.18	0.0415
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	22.05	15.25	0.0335
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	22.19	15.39	0.0346

78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	22.1	15.3	0.0339
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	25@12	20.66	13.86	0.0243
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@1	20.79	13.99	0.0251
78	30	20	652666	3789.99	DFT-s-OFDM 64 QAM	1@49	20.63	13.83	0.0242
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	25@12	18.51	11.71	0.0148
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@1	18.39	11.59	0.0144
78	30	20	652666	3789.99	DFT-s-OFDM 256 QAM	1@49	18.28	11.48	0.0141
78	30	20	652666	3789.99	CP-OFDM QPSK	25@12	21.62	14.82	0.0303
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	21.77	14.97	0.0314
78	30	20	652666	3789.99	CP-OFDM QPSK	1@49	21.75	14.95	0.0313
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	36@18	23.13	16.33	0.0430
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	23.13	16.33	0.0430
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@76	23.14	16.34	0.0431
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	23.09	16.29	0.0426
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	23.16	16.36	0.0433
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	23.07	16.27	0.0424
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	22.12	15.32	0.0340
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	22.16	15.36	0.0344
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	22.12	15.32	0.0340
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	36@18	20.78	13.98	0.0250
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@1	21	14.2	0.0263
78	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@76	20.85	14.05	0.0254
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	36@18	18.66	11.86	0.0153
78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@1	18.46	11.66	0.0147

78	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@76	18.31	11.51	0.0142
78	30	30	647668	3715.02	CP-OFDM QPSK	39@19	21.76	14.96	0.0313
78	30	30	647668	3715.02	CP-OFDM QPSK	1@1	21.8	15	0.0316
78	30	30	647668	3715.02	CP-OFDM QPSK	1@76	21.68	14.88	0.0308
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	36@18	23.07	16.27	0.0424
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.15	16.35	0.0432
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@76	23	16.2	0.0417
78	30	30	650000	3750	DFT-s-OFDM QPSK	36@18	23.09	16.29	0.0426
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	23.18	16.38	0.0435
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@76	22.93	16.13	0.0410
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	36@18	22.04	15.24	0.0334
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.23	15.43	0.0349
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@76	22.06	15.26	0.0336
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	36@18	20.8	14	0.0251
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	1@1	21.01	14.21	0.0264
78	30	30	650000	3750	DFT-s-OFDM 64 QAM	1@76	20.79	13.99	0.0251
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	36@18	18.74	11.94	0.0156
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.42	11.62	0.0145
78	30	30	650000	3750	DFT-s-OFDM 256 QAM	1@76	18.18	11.38	0.0137
78	30	30	650000	3750	CP-OFDM QPSK	39@19	21.72	14.92	0.0310
78	30	30	650000	3750	CP-OFDM QPSK	1@1	21.79	14.99	0.0316
78	30	30	650000	3750	CP-OFDM QPSK	1@76	21.53	14.73	0.0297
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	36@18	23.06	16.26	0.0423
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@1	23.12	16.32	0.0429
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@76	23.07	16.27	0.0424

78	30	30	652332	3784.98	DFT-s-OFDM QPSK	36@18	23	16.2	0.0417
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	23.07	16.27	0.0424
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@76	22.99	16.19	0.0416
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	36@18	21.96	15.16	0.0328
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	22.12	15.32	0.0340
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@76	22.04	15.24	0.0334
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	36@18	20.67	13.87	0.0244
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	1@1	20.87	14.07	0.0255
78	30	30	652332	3784.98	DFT-s-OFDM 64 QAM	1@76	20.81	14.01	0.0252
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	36@18	18.57	11.77	0.0150
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	1@1	18.33	11.53	0.0142
78	30	30	652332	3784.98	DFT-s-OFDM 256 QAM	1@76	18.35	11.55	0.0143
78	30	30	652332	3784.98	CP-OFDM QPSK	39@19	21.69	14.89	0.0308
78	30	30	652332	3784.98	CP-OFDM QPSK	1@1	21.7	14.9	0.0309
78	30	30	652332	3784.98	CP-OFDM QPSK	1@76	21.62	14.82	0.0303
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	50@25	23.07	16.27	0.0424
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	23.22	16.42	0.0439
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@104	23.13	16.33	0.0430
78	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	23.12	16.32	0.0429
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	23.23	16.43	0.0440
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	23.11	16.31	0.0428
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	22.13	15.33	0.0341
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	22.33	15.53	0.0357
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	22.25	15.45	0.0351

78	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	20.79	13.99	0.0251
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	21.02	14.22	0.0264
78	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	20.77	13.97	0.0249
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	18.7	11.9	0.0155
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	18.6	11.8	0.0151
78	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	18.35	11.55	0.0143
78	30	40	648000	3720	CP-OFDM QPSK	53@26	21.78	14.98	0.0315
78	30	40	648000	3720	CP-OFDM QPSK	1@1	21.86	15.06	0.0321
78	30	40	648000	3720	CP-OFDM QPSK	1@104	21.67	14.87	0.0307
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	50@25	23.07	16.27	0.0424
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.34	16.54	0.0451
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@104	23.18	16.38	0.0435
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	23.17	16.37	0.0434
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	23.3	16.5	0.0447
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	23.09	16.29	0.0426
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	22.14	15.34	0.0342
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.35	15.55	0.0359
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	22.24	15.44	0.0350
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	50@25	20.8	14	0.0251
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@1	21.03	14.23	0.0265
78	30	40	650000	3750	DFT-s-OFDM 64 QAM	1@104	20.91	14.11	0.0258
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	50@25	18.76	11.96	0.0157
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.55	11.75	0.0150
78	30	40	650000	3750	DFT-s-OFDM 256 QAM	1@104	18.5	11.7	0.0148

78	30	40	650000	3750	CP-OFDM QPSK	53@26	21.76	14.96	0.0313
78	30	40	650000	3750	CP-OFDM QPSK	1@1	21.91	15.11	0.0324
78	30	40	650000	3750	CP-OFDM QPSK	1@104	21.78	14.98	0.0315
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	50@25	23.04	16.24	0.0421
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	23.16	16.36	0.0433
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@104	23.14	16.34	0.0431
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	22.98	16.18	0.0415
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	23.15	16.35	0.0432
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	23.09	16.29	0.0426
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	21.99	15.19	0.0330
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	22.23	15.43	0.0349
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	22.18	15.38	0.0345
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	50@25	20.66	13.86	0.0243
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@1	20.84	14.04	0.0254
78	30	40	652000	3780	DFT-s-OFDM 64 QAM	1@104	20.8	14	0.0251
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	50@25	18.67	11.87	0.0154
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@1	18.4	11.6	0.0145
78	30	40	652000	3780	DFT-s-OFDM 256 QAM	1@104	18.38	11.58	0.0144
78	30	40	652000	3780	CP-OFDM QPSK	53@26	21.67	14.87	0.0307
78	30	40	652000	3780	CP-OFDM QPSK	1@1	21.78	14.98	0.0315
78	30	40	652000	3780	CP-OFDM QPSK	1@104	21.8	15	0.0316
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	64@32	22.96	16.16	0.0413
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	23.01	16.21	0.0418
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@131	22.73	15.93	0.0392
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	64@32	23	16.2	0.0417

78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	22.91	16.11	0.0408
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	22.68	15.88	0.0387
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	21.93	15.13	0.0326
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	22.02	15.22	0.0333
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	21.82	15.02	0.0318
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	64@32	20.61	13.81	0.0240
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	20.66	13.86	0.0243
78	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@131	20.51	13.71	0.0235
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	64@32	18.54	11.74	0.0149
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	18.2	11.4	0.0138
78	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@131	18.05	11.25	0.0133
78	30	50	648334	3725.01	CP-OFDM QPSK	67@33	21.61	14.81	0.0303
78	30	50	648334	3725.01	CP-OFDM QPSK	1@1	21.64	14.84	0.0305
78	30	50	648334	3725.01	CP-OFDM QPSK	1@131	21.33	14.53	0.0284
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	64@32	22.88	16.08	0.0406
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.07	16.27	0.0424
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@131	22.79	15.99	0.0397
78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	22.9	16.1	0.0407
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	22.97	16.17	0.0414
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	22.68	15.88	0.0387
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	21.94	15.14	0.0327
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.13	15.33	0.0341
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	21.85	15.05	0.0320
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	64@32	20.58	13.78	0.0239

78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.79	13.99	0.0251
78	30	50	650000	3750	DFT-s-OFDM 64 QAM	1@131	20.61	13.81	0.0240
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	64@32	18.45	11.65	0.0146
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.23	11.43	0.0139
78	30	50	650000	3750	DFT-s-OFDM 256 QAM	1@131	17.99	11.19	0.0132
78	30	50	650000	3750	CP-OFDM QPSK	67@33	21.56	14.76	0.0299
78	30	50	650000	3750	CP-OFDM QPSK	1@1	21.54	14.74	0.0298
78	30	50	650000	3750	CP-OFDM QPSK	1@131	21.41	14.61	0.0289
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	64@32	22.87	16.07	0.0405
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	22.92	16.12	0.0409
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@131	22.84	16.04	0.0402
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	22.94	16.14	0.0411
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	22.87	16.07	0.0405
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	22.77	15.97	0.0395
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	21.83	15.03	0.0318
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	21.99	15.19	0.0330
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	21.91	15.11	0.0324
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	64@32	20.62	13.82	0.0241
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	20.78	13.98	0.0250
78	30	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@131	20.59	13.79	0.0239
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	64@32	18.53	11.73	0.0149
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	18.68	11.88	0.0154
78	30	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@131	18.07	11.27	0.0134
78	30	50	651666	3774.99	CP-OFDM QPSK	67@33	21.52	14.72	0.0296
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	21.5	14.7	0.0295

78	30	50	651666	3774.99	CP-OFDM QPSK	1@131	21.44	14.64	0.0291
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	81@40	22.87	16.07	0.0405
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	22.94	16.14	0.0411
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@160	22.89	16.09	0.0406
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	22.96	16.16	0.0413
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	22.83	16.03	0.0401
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	22.81	16.01	0.0399
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	21.9	15.1	0.0324
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	21.85	15.05	0.0320
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	21.85	15.05	0.0320
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	81@40	20.6	13.8	0.0240
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@1	20.5	13.7	0.0234
78	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@160	20.48	13.68	0.0233
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	81@40	18.54	11.74	0.0149
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@1	18.15	11.35	0.0136
78	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@160	18.19	11.39	0.0138
78	30	60	648668	3730.02	CP-OFDM QPSK	81@40	21.53	14.73	0.0297
78	30	60	648668	3730.02	CP-OFDM QPSK	1@1	21.56	14.76	0.0299
78	30	60	648668	3730.02	CP-OFDM QPSK	1@160	21.47	14.67	0.0293
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	81@40	22.87	16.07	0.0405
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.99	16.19	0.0416
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@160	22.88	16.08	0.0406
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	22.93	16.13	0.0410
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	22.9	16.1	0.0407

78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	22.81	16.01	0.0399
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	21.91	15.11	0.0324
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.01	15.21	0.0332
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	21.94	15.14	0.0327
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	81@40	20.54	13.74	0.0237
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.8	14	0.0251
78	30	60	650000	3750	DFT-s-OFDM 64 QAM	1@160	20.61	13.81	0.0240
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	81@40	18.47	11.67	0.0147
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.25	11.45	0.0140
78	30	60	650000	3750	DFT-s-OFDM 256 QAM	1@160	18.02	11.22	0.0132
78	30	60	650000	3750	CP-OFDM QPSK	81@40	21.52	14.72	0.0296
78	30	60	650000	3750	CP-OFDM QPSK	1@1	21.58	14.78	0.0301
78	30	60	650000	3750	CP-OFDM QPSK	1@160	21.35	14.55	0.0285
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	81@40	22.91	16.11	0.0408
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	22.96	16.16	0.0413
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@160	22.93	16.13	0.0410
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	22.9	16.1	0.0407
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	22.84	16.04	0.0402
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	22.81	16.01	0.0399
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	21.9	15.1	0.0324
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	22	15.2	0.0331
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	21.97	15.17	0.0329
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	81@40	20.54	13.74	0.0237
78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@1	20.76	13.96	0.0249

78	30	60	651332	3769.98	DFT-s-OFDM 64 QAM	1@160	20.62	13.82	0.0241
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	81@40	18.47	11.67	0.0147
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@1	18.21	11.41	0.0138
78	30	60	651332	3769.98	DFT-s-OFDM 256 QAM	1@160	18.13	11.33	0.0136
78	30	60	651332	3769.98	CP-OFDM QPSK	81@40	21.51	14.71	0.0296
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	21.55	14.75	0.0299
78	30	60	651332	3769.98	CP-OFDM QPSK	1@160	21.45	14.65	0.0292
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	90@45	22.76	15.96	0.0394
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	22.82	16.02	0.0400
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@187	22.55	15.75	0.0376
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	22.81	16.01	0.0399
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	22.78	15.98	0.0396
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	22.52	15.72	0.0373
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	21.77	14.97	0.0314
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	21.82	15.02	0.0318
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	21.56	14.76	0.0299
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	90@45	20.48	13.68	0.0233
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@1	20.6	13.8	0.0240
78	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@187	20.34	13.54	0.0226
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	90@45	18.44	11.64	0.0146
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@1	18.14	11.34	0.0136
78	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@187	17.79	10.99	0.0126
78	30	70	649000	3735	CP-OFDM QPSK	95@47	21.46	14.66	0.0292
78	30	70	649000	3735	CP-OFDM QPSK	1@1	21.49	14.69	0.0294
78	30	70	649000	3735	CP-OFDM QPSK	1@187	21.27	14.47	0.0280

78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	90@45	22.81	16.01	0.0399
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.84	16.04	0.0402
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@187	22.66	15.86	0.0385
78	30	70	650000	3750	DFT-s-OFDM QPSK	90@45	22.83	16.03	0.0401
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	22.79	15.99	0.0397
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@187	22.57	15.77	0.0378
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	90@45	21.8	15	0.0316
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.84	15.04	0.0319
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@187	21.65	14.85	0.0305
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	90@45	20.42	13.62	0.0230
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.69	13.89	0.0245
78	30	70	650000	3750	DFT-s-OFDM 64 QAM	1@187	20.34	13.54	0.0226
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	90@45	18.36	11.56	0.0143
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.06	11.26	0.0134
78	30	70	650000	3750	DFT-s-OFDM 256 QAM	1@187	17.82	11.02	0.0126
78	30	70	650000	3750	CP-OFDM QPSK	95@47	21.38	14.58	0.0287
78	30	70	650000	3750	CP-OFDM QPSK	1@1	21.48	14.68	0.0294
78	30	70	650000	3750	CP-OFDM QPSK	1@187	21.21	14.41	0.0276
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	90@45	22.89	16.09	0.0406
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	22.92	16.12	0.0409
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@187	22.75	15.95	0.0394
78	30	70	651000	3765	DFT-s-OFDM QPSK	90@45	22.82	16.02	0.0400
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	22.83	16.03	0.0401
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@187	22.66	15.86	0.0385

78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	21.78	14.98	0.0315
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	21.94	15.14	0.0327
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	21.79	14.99	0.0316
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	90@45	20.44	13.64	0.0231
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@1	20.52	13.72	0.0236
78	30	70	651000	3765	DFT-s-OFDM 64 QAM	1@187	20.22	13.42	0.0220
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	90@45	18.31	11.51	0.0142
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@1	18.09	11.29	0.0135
78	30	70	651000	3765	DFT-s-OFDM 256 QAM	1@187	17.81	11.01	0.0126
78	30	70	651000	3765	CP-OFDM QPSK	95@47	21.37	14.57	0.0286
78	30	70	651000	3765	CP-OFDM QPSK	1@1	21.48	14.68	0.0294
78	30	70	651000	3765	CP-OFDM QPSK	1@187	21.22	14.42	0.0277
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	108@54	22.82	16.02	0.0400
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	22.85	16.05	0.0403
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@215	22.7	15.9	0.0389
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	22.85	16.05	0.0403
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	22.76	15.96	0.0394
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	22.6	15.8	0.0380
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	21.84	15.04	0.0319
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	21.92	15.12	0.0325
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	21.79	14.99	0.0316
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	108@54	20.52	13.72	0.0236
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@1	20.47	13.67	0.0233
78	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@215	20.36	13.56	0.0227

78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	108@54	18.46	11.66	0.0147
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@1	18.12	11.32	0.0136
78	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@215	17.91	11.11	0.0129
78	30	80	649334	3740.01	CP-OFDM QPSK	109@54	21.54	14.74	0.0298
78	30	80	649334	3740.01	CP-OFDM QPSK	1@1	21.49	14.69	0.0294
78	30	80	649334	3740.01	CP-OFDM QPSK	1@215	21.32	14.52	0.0283
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	108@54	22.72	15.92	0.0391
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.9	16.1	0.0407
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@215	22.58	15.78	0.0378
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	22.8	16	0.0398
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	22.85	16.05	0.0403
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	22.53	15.73	0.0374
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	21.82	15.02	0.0318
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.96	15.16	0.0328
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	21.64	14.84	0.0305
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	108@54	20.46	13.66	0.0232
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.48	13.68	0.0233
78	30	80	650000	3750	DFT-s-OFDM 64 QAM	1@215	20.21	13.41	0.0219
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	108@54	18.44	11.64	0.0146
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@1	17.95	11.15	0.0130
78	30	80	650000	3750	DFT-s-OFDM 256 QAM	1@215	17.81	11.01	0.0126
78	30	80	650000	3750	CP-OFDM QPSK	109@54	21.42	14.62	0.0290
78	30	80	650000	3750	CP-OFDM QPSK	1@1	21.44	14.64	0.0291
78	30	80	650000	3750	CP-OFDM QPSK	1@215	21.21	14.41	0.0276
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	108@54	22.82	16.02	0.0400

78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	22.85	16.05	0.0403
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@215	22.72	15.92	0.0391
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	22.83	16.03	0.0401
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	22.83	16.03	0.0401
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	22.64	15.84	0.0384
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	21.78	14.98	0.0315
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	21.73	14.93	0.0311
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	21.72	14.92	0.0310
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	108@54	20.46	13.66	0.0232
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@1	20.64	13.84	0.0242
78	30	80	650666	3759.99	DFT-s-OFDM 64 QAM	1@215	20.37	13.57	0.0228
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	108@54	18.47	11.67	0.0147
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@1	18.11	11.31	0.0135
78	30	80	650666	3759.99	DFT-s-OFDM 256 QAM	1@215	17.75	10.95	0.0124
78	30	80	650666	3759.99	CP-OFDM QPSK	109@54	21.47	14.67	0.0293
78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	21.52	14.72	0.0296
78	30	80	650666	3759.99	CP-OFDM QPSK	1@215	21.15	14.35	0.0272
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	120@60	22.91	16.11	0.0408
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	22.79	15.99	0.0397
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@243	22.7	15.9	0.0389
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	22.89	16.09	0.0406
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	22.78	15.98	0.0396
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	22.61	15.81	0.0381
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	21.85	15.05	0.0320

78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	21.89	15.09	0.0323
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	21.73	14.93	0.0311
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	120@60	20.52	13.72	0.0236
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@1	20.59	13.79	0.0239
78	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@243	20.41	13.61	0.0230
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	120@60	18.44	11.64	0.0146
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@1	18.07	11.27	0.0134
78	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@243	17.84	11.04	0.0127
78	30	90	649668	3745.02	CP-OFDM QPSK	123@61	21.43	14.63	0.0290
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	21.5	14.7	0.0295
78	30	90	649668	3745.02	CP-OFDM QPSK	1@243	21.32	14.52	0.0283
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	120@60	22.85	16.05	0.0403
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.86	16.06	0.0404
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@243	22.74	15.94	0.0393
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	22.86	16.06	0.0404
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	22.81	16.01	0.0399
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	22.64	15.84	0.0384
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	21.94	15.14	0.0327
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.93	15.13	0.0326
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	21.77	14.97	0.0314
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	120@60	20.47	13.67	0.0233
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.66	13.86	0.0243
78	30	90	650000	3750	DFT-s-OFDM 64 QAM	1@243	20.42	13.62	0.0230
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	120@60	18.39	11.59	0.0144

78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.13	11.33	0.0136
78	30	90	650000	3750	DFT-s-OFDM 256 QAM	1@243	17.94	11.14	0.0130
78	30	90	650000	3750	CP-OFDM QPSK	123@61	21.41	14.61	0.0289
78	30	90	650000	3750	CP-OFDM QPSK	1@1	21.5	14.7	0.0295
78	30	90	650000	3750	CP-OFDM QPSK	1@243	21.31	14.51	0.0282
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	120@60	22.83	16.03	0.0401
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	22.96	16.16	0.0413
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@243	22.68	15.88	0.0387
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	22.8	16	0.0398
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	22.81	16.01	0.0399
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	22.66	15.86	0.0385
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	21.79	14.99	0.0316
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	21.89	15.09	0.0323
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	21.81	15.01	0.0317
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	120@60	20.46	13.66	0.0232
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@1	20.48	13.68	0.0233
78	30	90	650332	3754.98	DFT-s-OFDM 64 QAM	1@243	20.35	13.55	0.0226
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	120@60	18.39	11.59	0.0144
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@1	18.03	11.23	0.0133
78	30	90	650332	3754.98	DFT-s-OFDM 256 QAM	1@243	17.8	11	0.0126
78	30	90	650332	3754.98	CP-OFDM QPSK	123@61	21.44	14.64	0.0291
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	21.41	14.61	0.0289
78	30	90	650332	3754.98	CP-OFDM QPSK	1@243	21.23	14.43	0.0277
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	22.88	16.08	0.0406
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.81	16.01	0.0399

78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	22.74	15.94	0.0393
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	22.88	16.08	0.0406
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	22.7	15.9	0.0389
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	22.66	15.86	0.0385
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.87	15.07	0.0321
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.88	15.08	0.0322
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	21.83	15.03	0.0318
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	20.39	13.59	0.0229
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.64	13.84	0.0242
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	20.47	13.67	0.0233
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	18.39	11.59	0.0144
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.02	11.22	0.0132
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	17.83	11.03	0.0127
78	30	100	650000	3750	CP-OFDM QPSK	137@68	21.4	14.6	0.0288
78	30	100	650000	3750	CP-OFDM QPSK	1@1	21.49	14.69	0.0294
78	30	100	650000	3750	CP-OFDM QPSK	1@271	21.25	14.45	0.0279

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	KuangJia/WenBo Xiao	Temperature :	22~25℃
		Relative Humidity :	48~52%

n12 SA / NR 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-65.22	-13	-52.22	-73.52	-68.47	4.00	9.40	H
	2109	-61.54	-13	-48.54	-72.05	-65.11	4.88	10.60	H
	2812	-63.30	-13	-50.30	-76.90	-68.23	5.52	12.60	H
	1406	-65.15	-13	-52.15	-73.34	-68.40	4.00	9.40	V
	2109	-59.79	-13	-46.79	-70.53	-63.36	4.88	10.60	V
	2812	-63.25	-13	-50.25	-76.78	-68.18	5.52	12.60	V

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

EN-DC_2A_n12A / LTE 20MHz + NR 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n12 Middle	1406	-64.88	-13	-51.88	-73.18	-68.13	4.00	9.40	H
	2109	-49.46	-13	-36.46	-59.97	-53.03	4.88	10.60	H
	2812	-62.44	-13	-49.44	-76.04	-67.37	5.52	12.60	H
	1406	-65.35	-13	-52.35	-73.54	-68.60	4.00	9.40	V
	2109	-48.14	-13	-35.14	-58.88	-51.71	4.88	10.60	V
	2812	-62.90	-13	-49.90	-76.43	-67.83	5.52	12.60	V
LTE Band 2 Middle	3742.18	-61.89	-13	-48.89	-78.52	-68.64	5.85	12.60	H
	5613.27	-58.87	-13	-45.87	-78.39	-64.67	7.30	13.10	H
	7484.36	-53.50	-13	-40.50	-77.25	-56.65	8.35	11.50	H
	3742.18	-62.15	-13	-49.15	-78.4	-68.90	5.85	12.60	V
	5613.27	-58.30	-13	-45.30	-77.3	-64.10	7.30	13.10	V
	7484.36	-55.46	-13	-42.46	-79.6	-58.61	8.35	11.50	V

n41 SA / NR 100MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5280.00	-60.42	-25	-35.42	-79.77	-65.98	7.14	12.70	H
	7920.00	-55.39	-25	-30.39	-79.16	-58.69	8.30	11.60	H
	10560.00	-52.66	-25	-27.66	-79.67	-54.18	10.48	12.00	H
	5280.00	-61.19	-25	-36.19	-80.16	-66.75	7.14	12.70	V
	7920.00	-54.58	-25	-29.58	-78.87	-57.88	8.30	11.60	V
	10560.00	-53.44	-25	-28.44	-79.74	-54.96	10.48	12.00	V

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

EN-DC_2A_n41A / LTE 20MHz + NR 100MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n41 Middle	5280.00	-60.85	-25	-35.85	-80.20	-66.41	7.14	12.70	H
	7920.00	-55.44	-25	-30.44	-79.21	-58.74	8.30	11.60	H
	10560.00	-52.66	-25	-27.66	-79.67	-54.18	10.48	12.00	H
	5280.00	-61.21	-25	-36.21	-80.18	-66.77	7.14	12.70	V
	7920.00	-55.04	-25	-30.04	-79.33	-58.34	8.30	11.60	V
	10560.00	-53.39	-25	-28.39	-79.69	-54.91	10.48	12.00	V
LTE Band 2 Middle	3742.18	-62.10	-25	-37.10	-78.73	-68.85	5.85	12.60	H
	5613.27	-60.00	-25	-35.00	-79.52	-65.80	7.30	13.10	H
	7484.36	-55.72	-25	-30.72	-79.47	-58.87	8.35	11.50	H
	3742.18	-62.18	-25	-37.18	-78.43	-68.93	5.85	12.60	V
	5613.27	-60.59	-25	-35.59	-79.59	-66.39	7.30	13.10	V
	7484.36	-55.26	-25	-30.26	-79.4	-58.41	8.35	11.50	V

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

n71 SA / NR 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1377.20	-65.70	-13	-52.70	-73.73	-71.10	4.00	9.40	H
	2065.80	-62.58	-13	-49.58	-72.58	-68.30	4.88	10.60	H
	2754.40	-62.98	-13	-49.98	-76.29	-70.06	5.52	12.60	H
	1377.20	-65.43	-13	-52.43	-73.37	-70.83	4.00	9.40	V
	2065.80	-61.35	-13	-48.35	-71.54	-67.07	4.88	10.60	V
	2754.40	-63.21	-13	-50.21	-76.43	-70.29	5.52	12.60	V

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

EN-DC_2A_n71A / LTE 20MHz + NR 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n71 Middle	1377.20	-64.69	-13	-51.69	-72.72	-70.09	4.00	9.40	H
	2065.80	-60.59	-13	-47.59	-70.59	-66.31	4.88	10.60	H
	2754.40	-62.42	-13	-49.42	-75.73	-69.50	5.52	12.60	H
	1377.20	-65.44	-13	-52.44	-73.38	-70.84	4.00	9.40	V
	2065.80	-62.79	-13	-49.79	-72.98	-68.51	4.88	10.60	V
	2754.40	-62.66	-13	-49.66	-75.88	-69.74	5.52	12.60	V
LTE Band 2 Middle	3742.18	-62.03	-13	-49.03	-78.66	-68.78	5.85	12.60	H
	5613.27	-59.85	-13	-46.85	-79.37	-65.65	7.30	13.10	H
	7484.36	-55.79	-13	-42.79	-79.54	-58.94	8.35	11.50	H
	3742.18	-62.04	-13	-49.04	-78.29	-68.79	5.85	12.60	V
	5613.27	-60.41	-13	-47.41	-79.41	-66.21	7.30	13.10	V
	7484.36	-55.52	-13	-42.52	-79.66	-58.67	8.35	11.50	V

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

n77 SA / NR 40MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7680.00	-57.73	-13	-44.73	-63.45	-63.29	7.14	12.70	H
	11520.00	-55.41	-13	-42.41	-67.52	-58.71	8.30	11.60	H
	15360.00	-52.49	-13	-39.49	-67.40	-54.01	10.48	12.00	H
	7680.00	-57.07	-13	-44.07	-63.36	-62.63	7.14	12.70	V
	11520.00	-55.21	-13	-42.21	-67.36	-58.51	8.30	11.60	V
	15360.00	-52.37	-13	-39.37	-67.79	-53.89	10.48	12.00	V

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

EN-DC_2A_n77A / LTE 20MHz + NR 40MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n77 Middle	7680.00	-57.69	-13	-44.69	-63.41	-63.25	7.14	12.70	H
	11520.00	-55.17	-13	-42.17	-67.28	-58.47	8.30	11.60	H
	15360.00	-52.71	-13	-39.71	-67.62	-54.23	10.48	12.00	H
	7680.00	-56.72	-13	-43.72	-63.01	-62.28	7.14	12.70	V
	11520.00	-55.05	-13	-42.05	-67.2	-58.35	8.30	11.60	V
	15360.00	-52.26	-13	-39.26	-67.68	-53.78	10.48	12.00	V
LTE Band 2 Middle	3742.18	-63.31	-13	-50.31	-60.42	-70.06	5.85	12.60	H
	5613.27	-58.37	-13	-45.37	-61.11	-64.17	7.30	13.10	H
	7484.36	-58.75	-13	-45.75	-64.97	-61.90	8.35	11.50	H
	3742.18	-63.94	-13	-50.94	-60.67	-70.69	5.85	12.60	V
	5613.27	-59.10	-13	-46.10	-61.32	-64.90	7.30	13.10	V
	7484.36	-58.46	-13	-45.46	-65.07	-61.61	8.35	11.50	V

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

——— THE END———