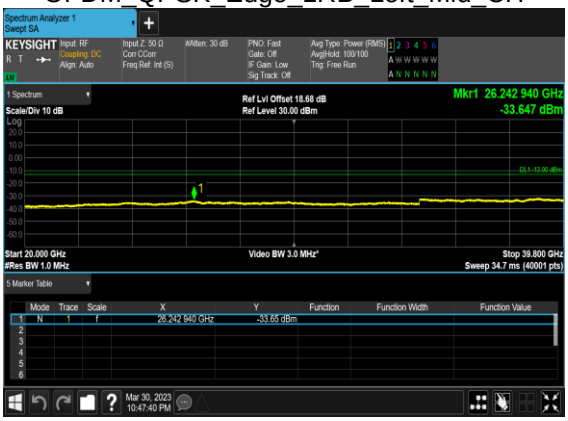
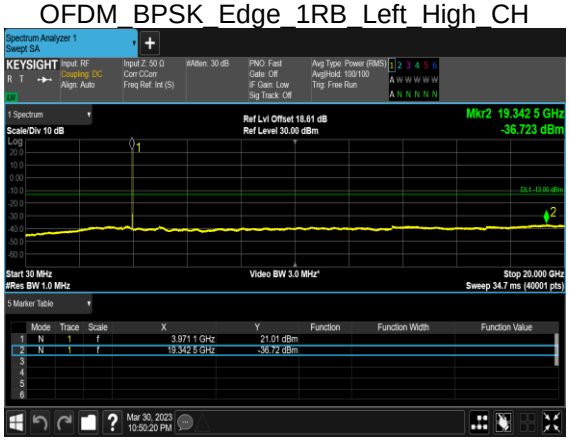
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

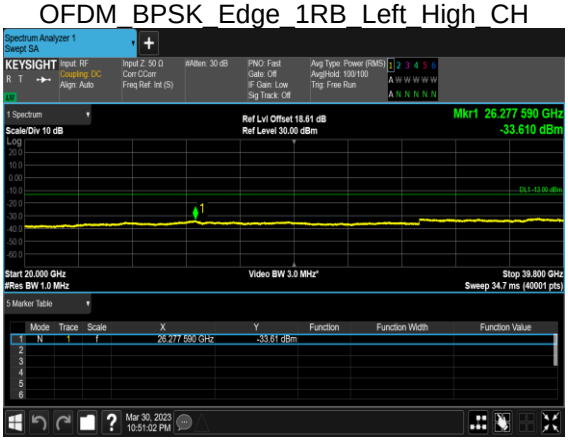
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



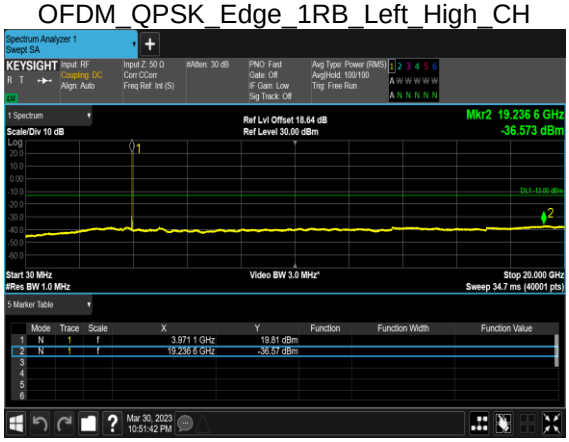
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



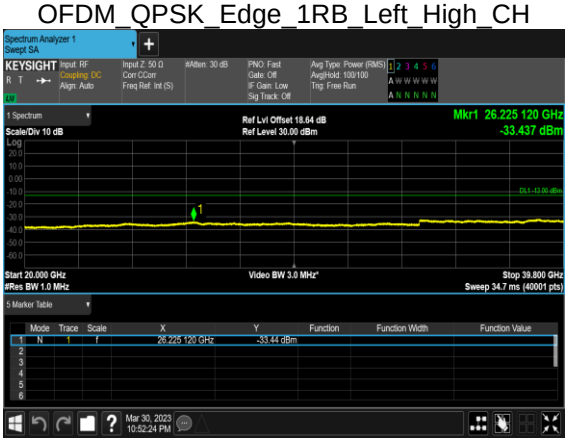
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

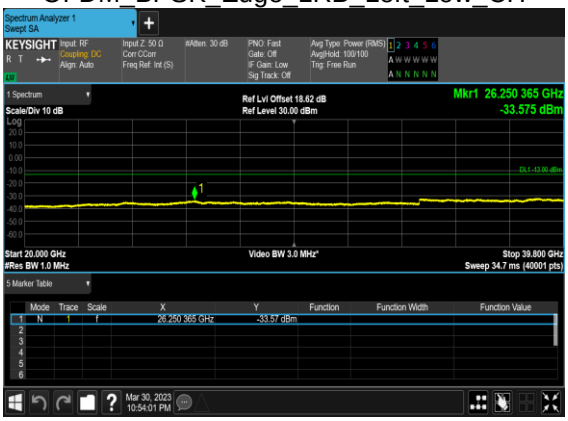


N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

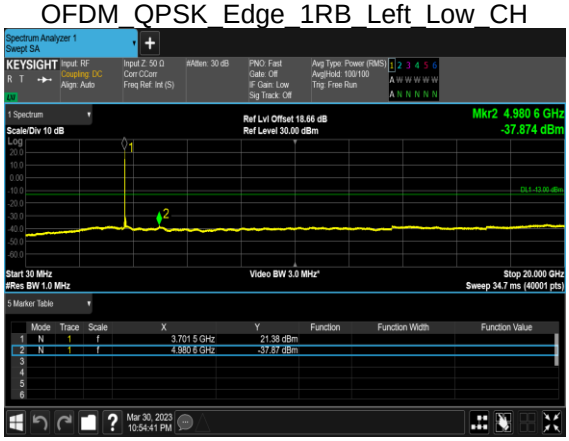


N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

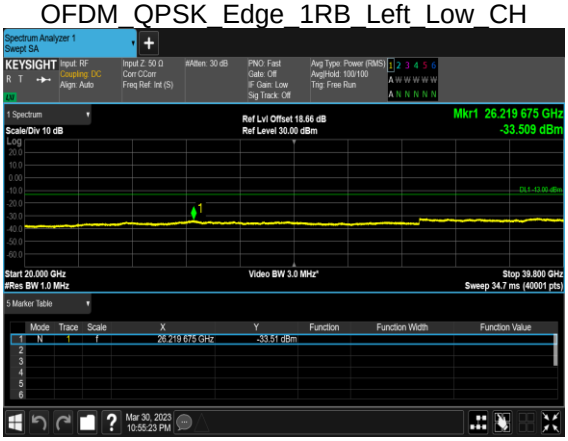
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

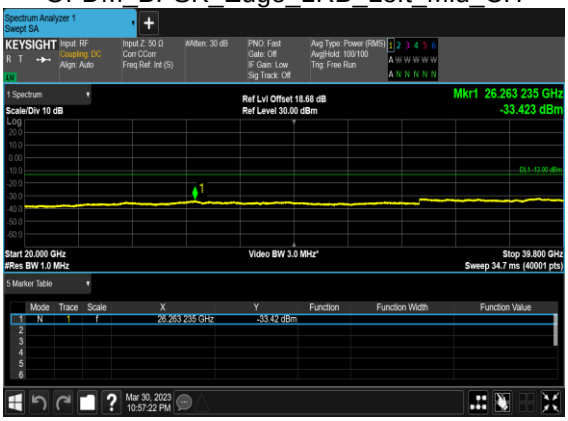


N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



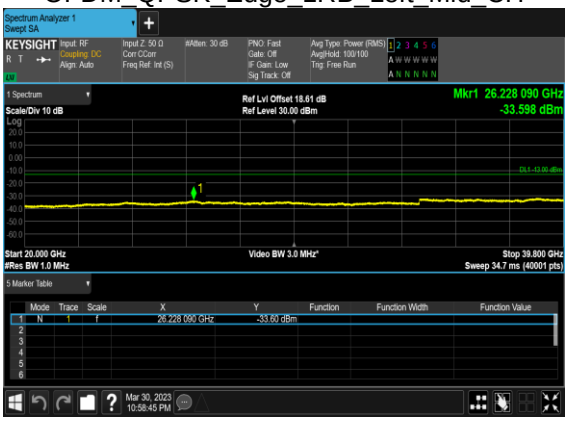
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

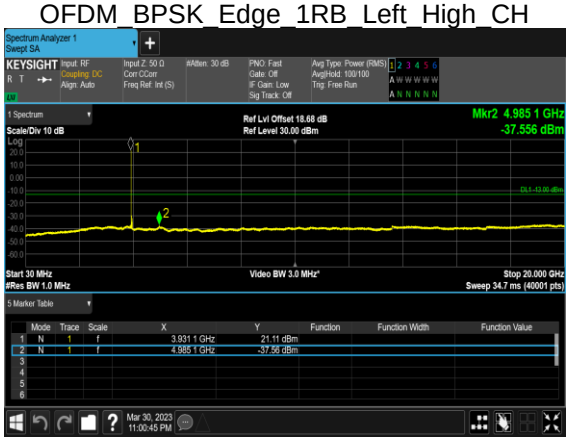


N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

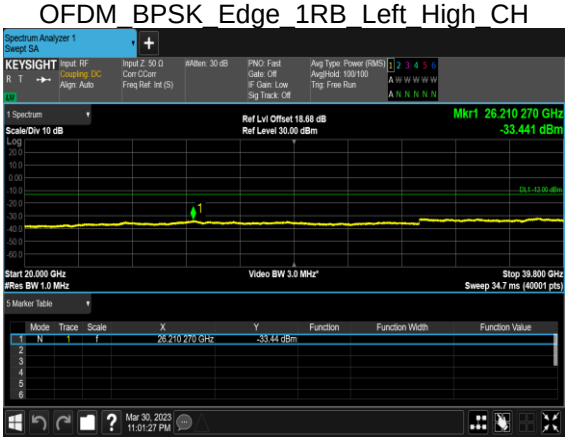
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



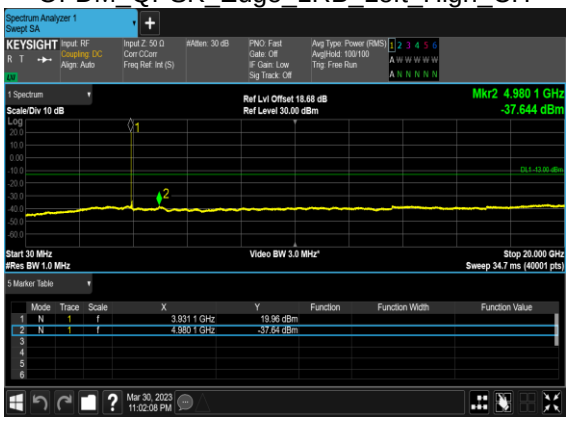
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



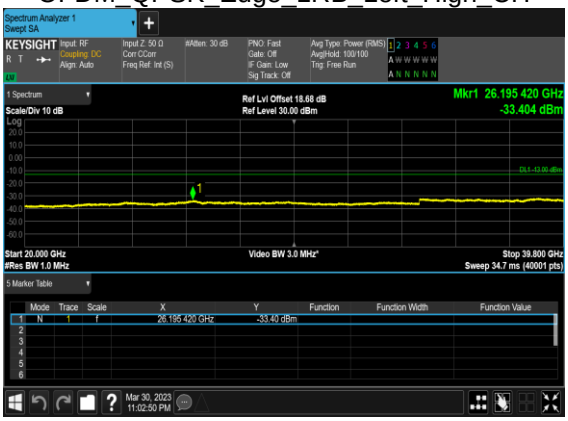
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

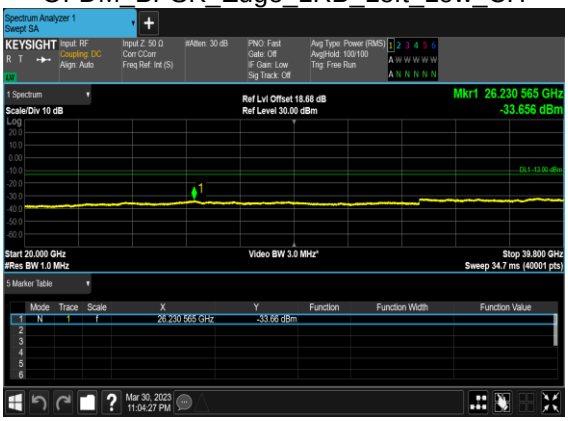


N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

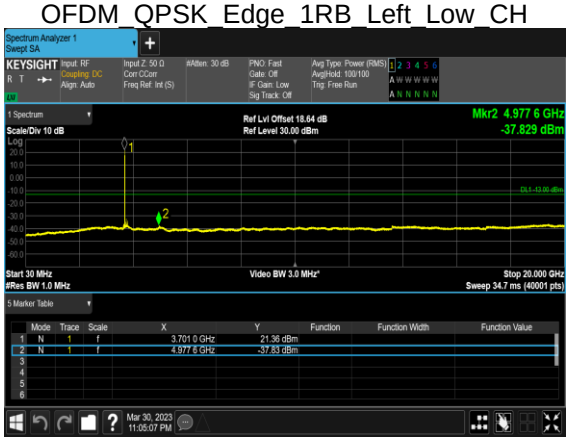


N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

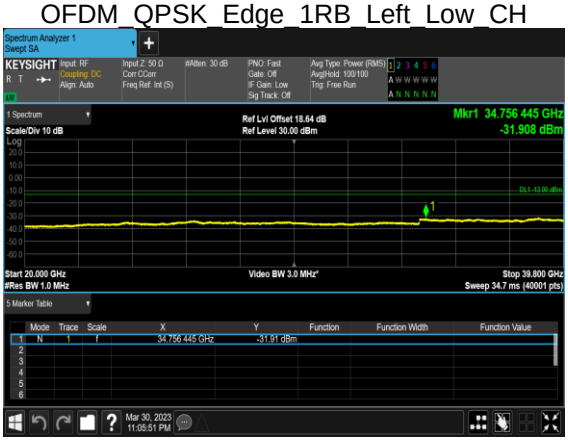
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



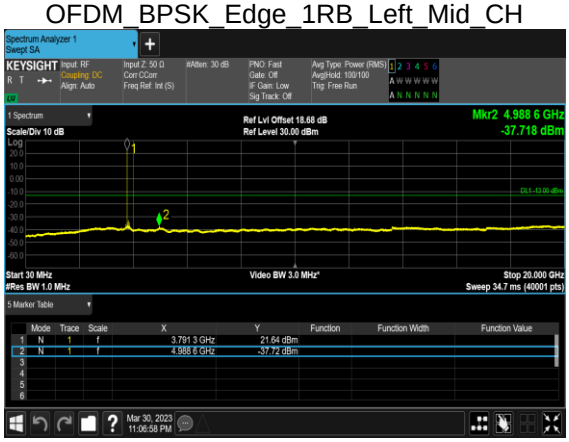
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



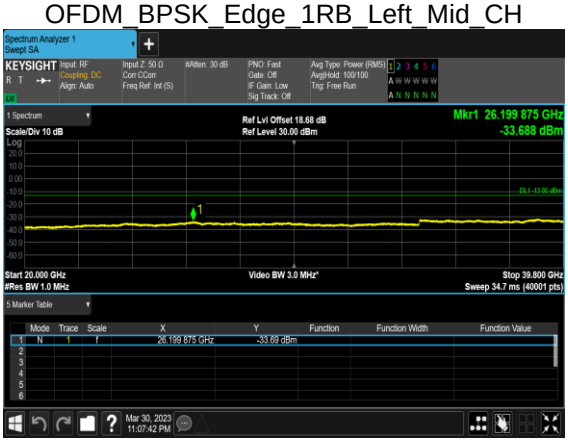
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

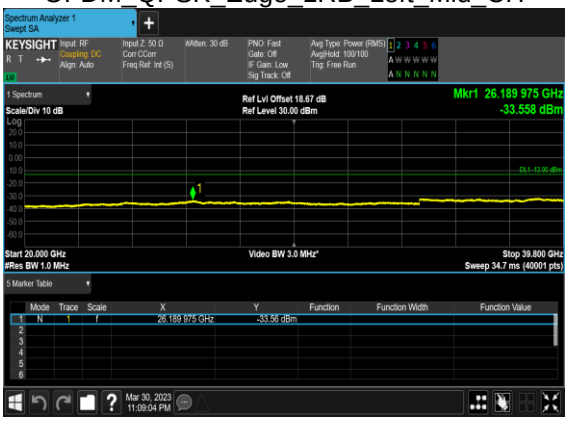


N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

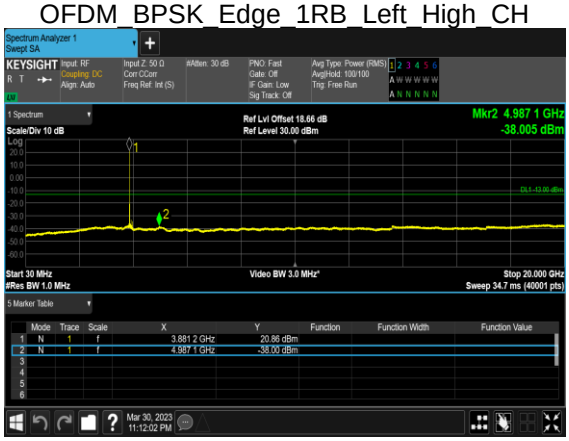


N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

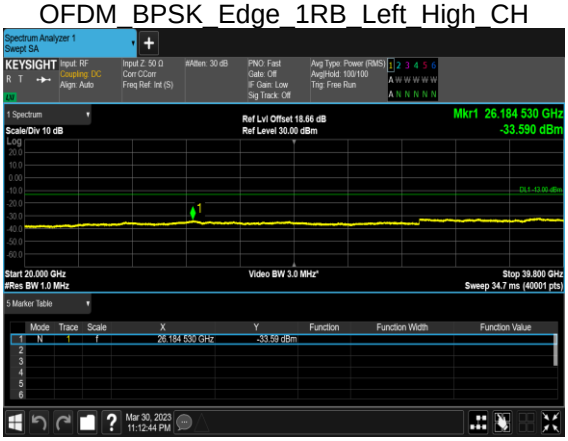
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



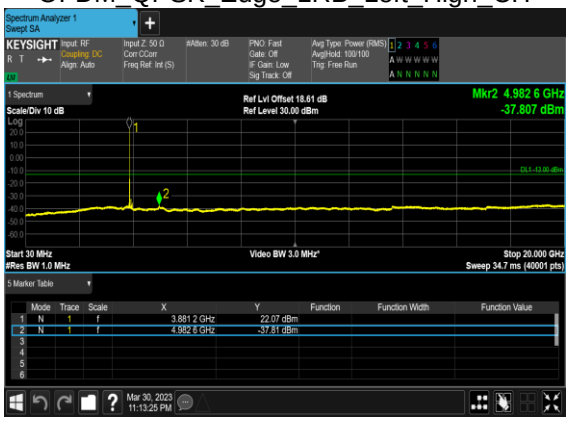
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



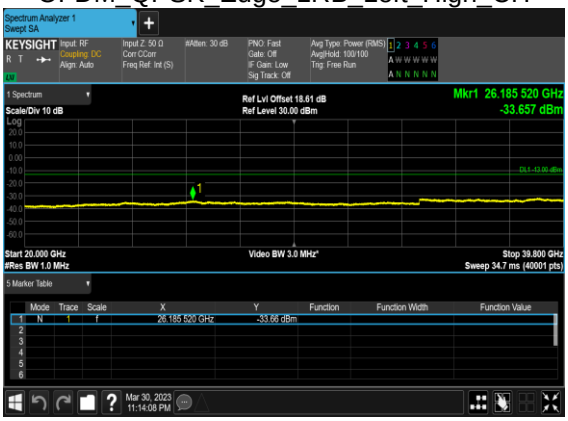
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



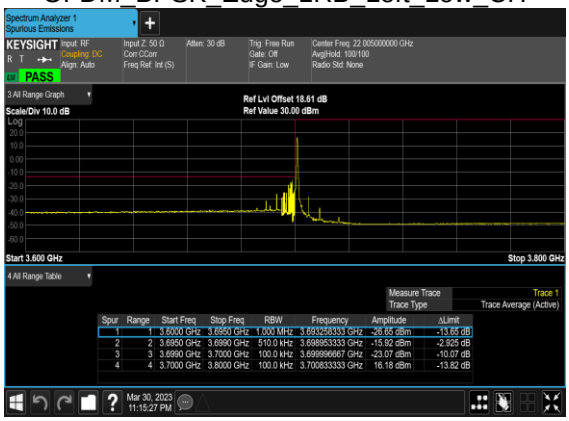
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



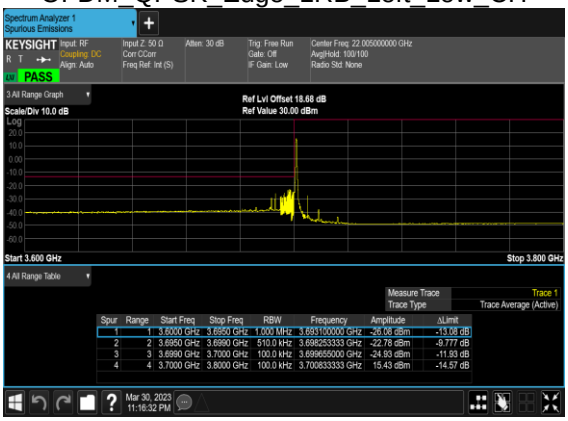
Conducted Band Edge

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**

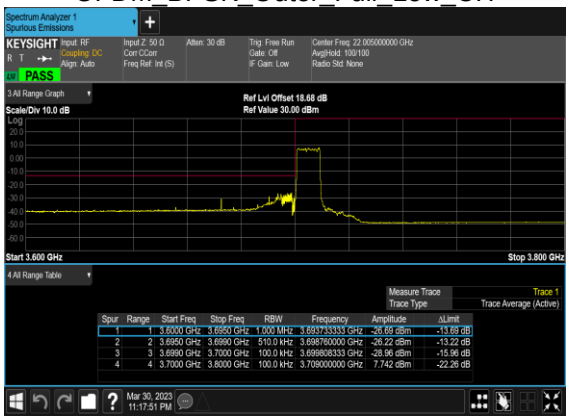
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



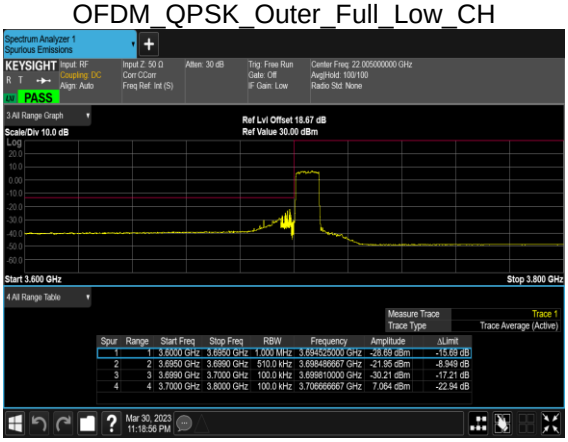
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



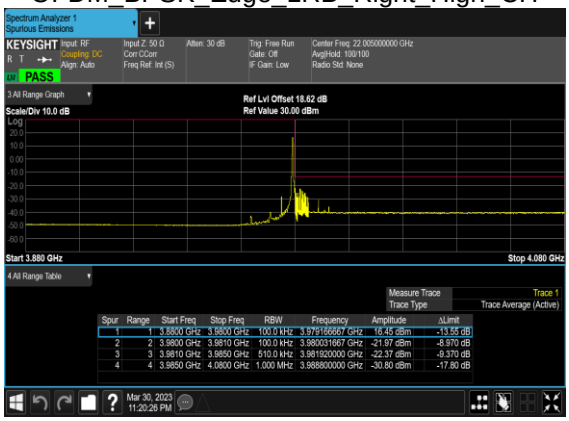
N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



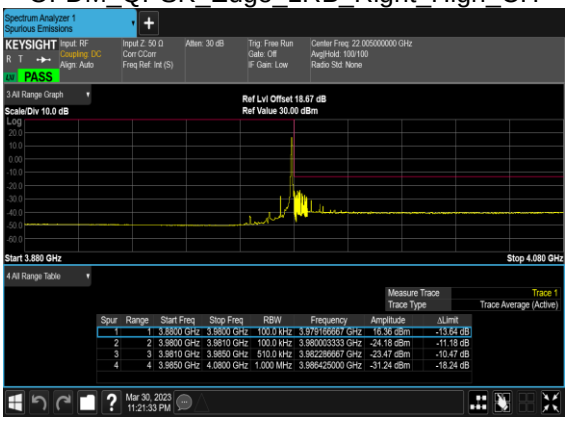
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



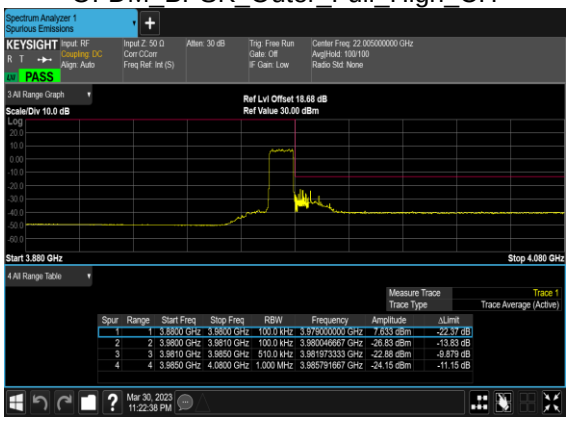
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



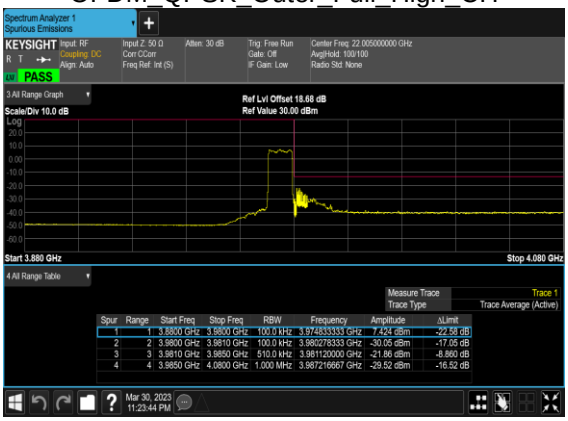
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



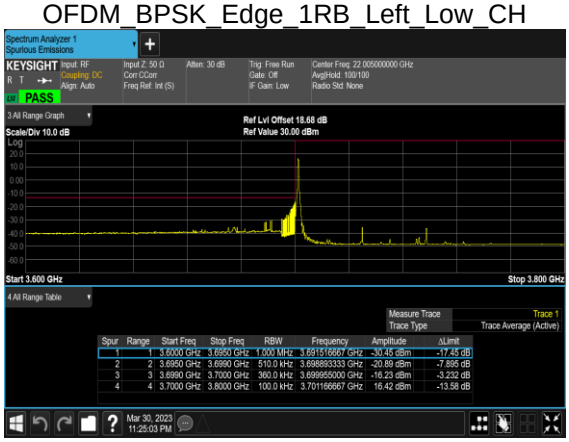
N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



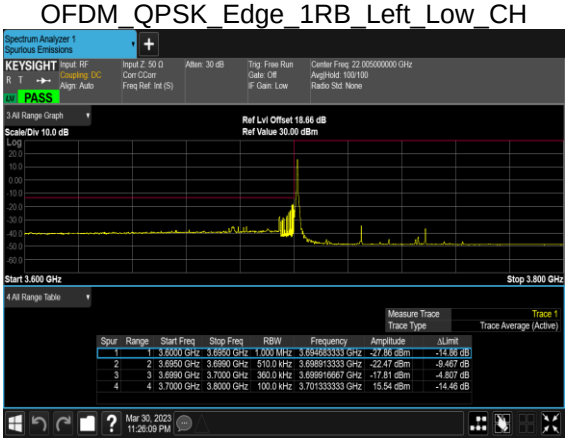
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



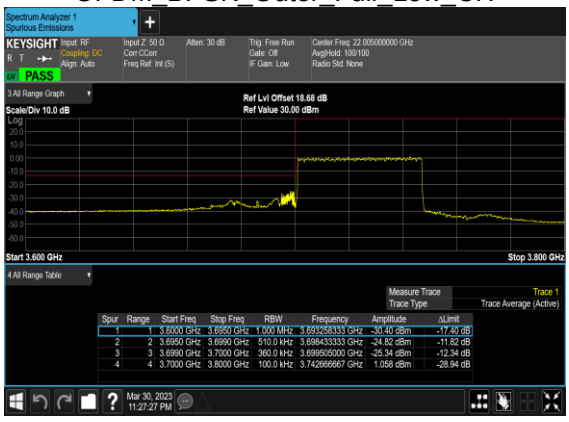
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



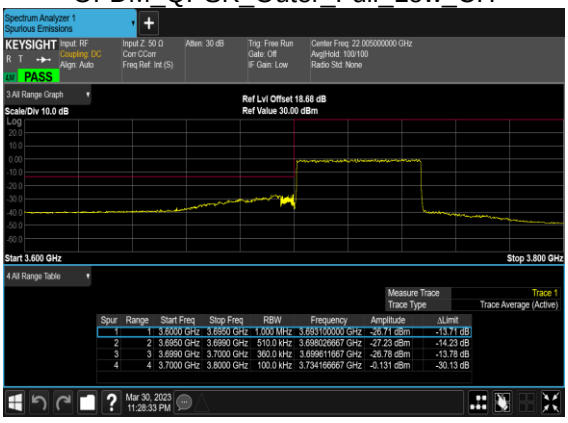
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



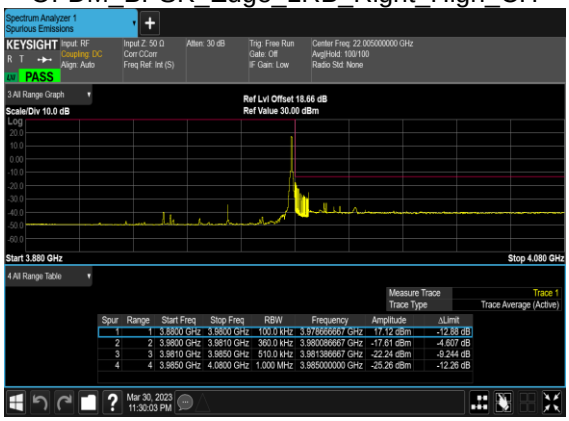
N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



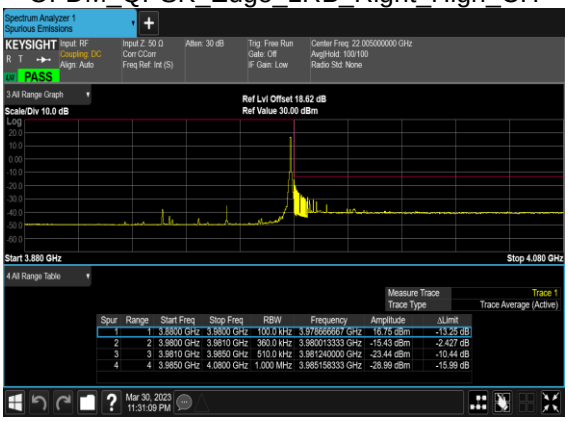
N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



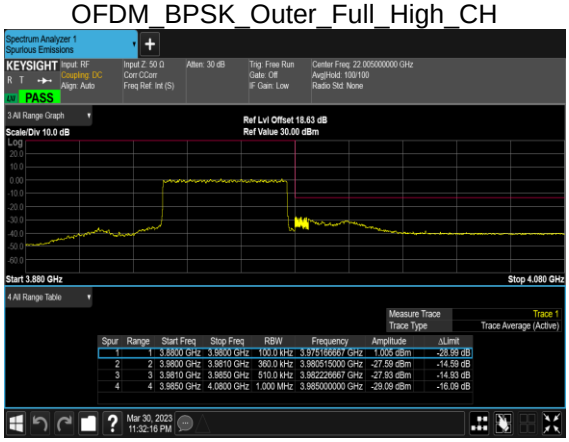
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



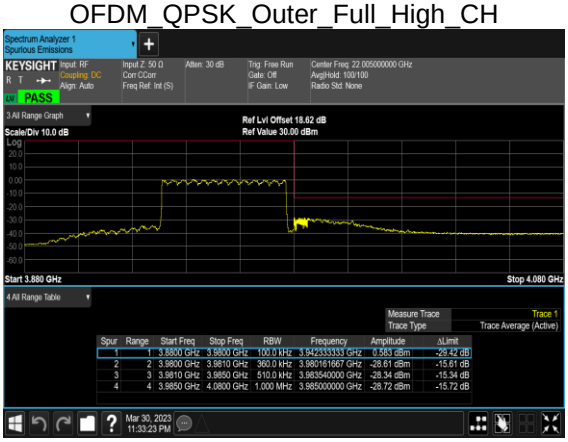
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



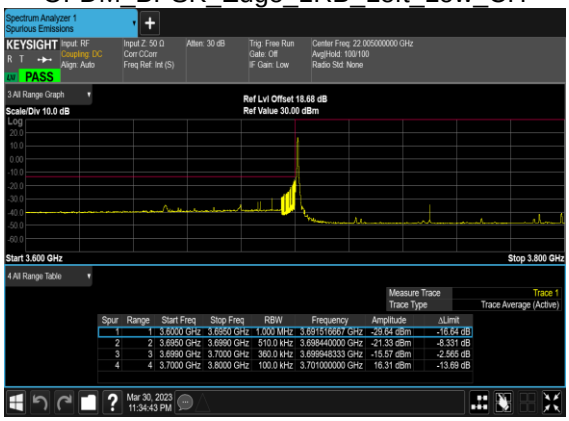
N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



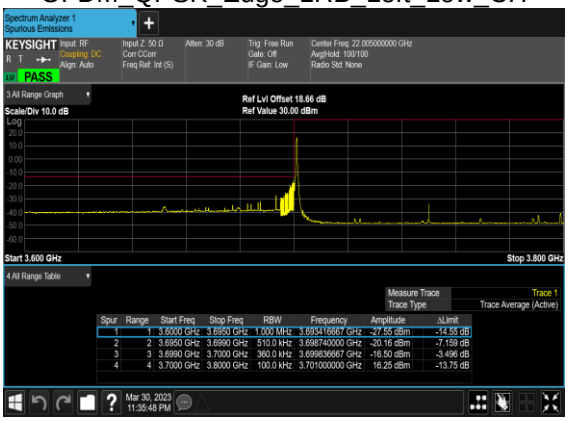
N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



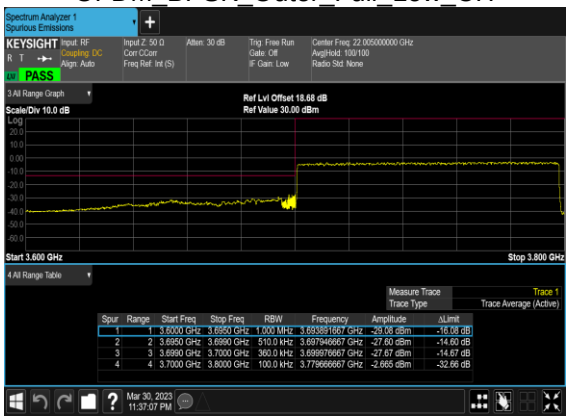
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



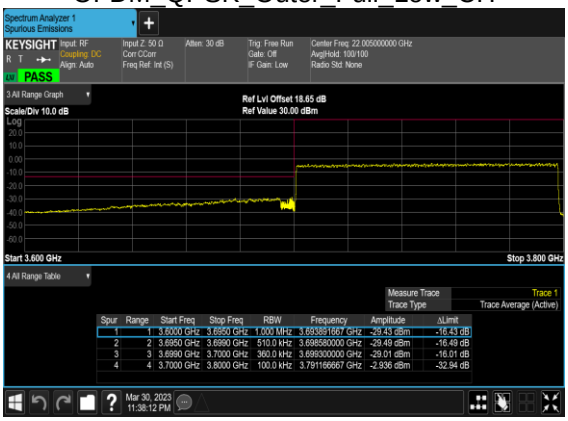
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



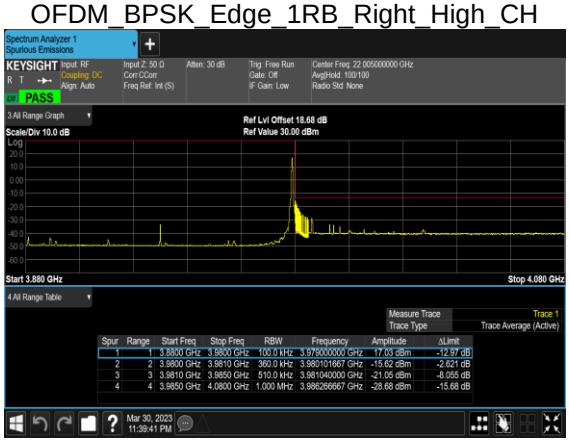
N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



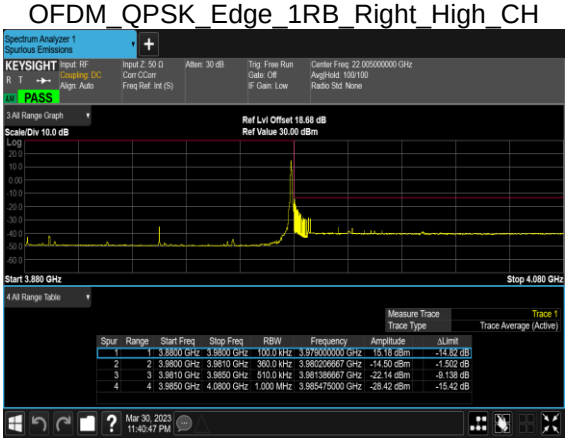
N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



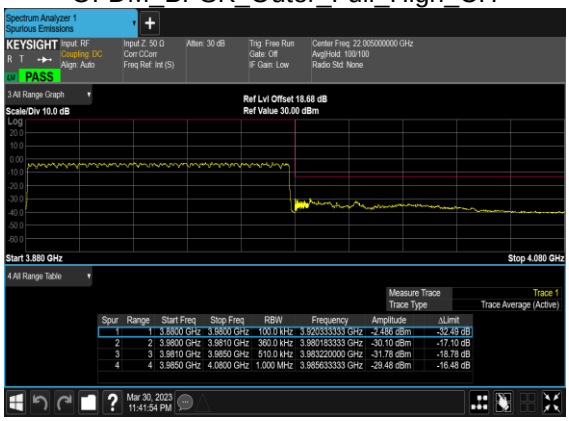
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



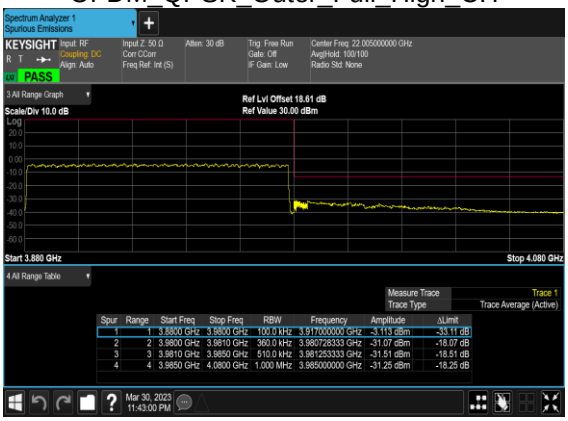
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 22.12.120701

FR1 N78-SCS 15K(ANT4)

Transmitter Conducted Output Power and EIRP, (G_T - L_C)=-8.8dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	15	10	647000	3705	DFT-s-OFDM QPSK	1@1	22.93	14.13	0.0259
78	15	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	21.96	13.16	0.0207
78	15	10	650000	3750	DFT-s-OFDM QPSK	1@1	22.86	14.06	0.0255
78	15	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.79	12.99	0.0199
78	15	10	653000	3795	DFT-s-OFDM QPSK	1@1	23.04	14.24	0.0265
78	15	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	21.9	13.1	0.0204
78	15	15	647167	3707.505	DFT-s-OFDM QPSK	1@1	23	14.2	0.0263
78	15	15	647167	3707.505	DFT-s-OFDM 16 QAM	1@1	21.86	13.06	0.0202
78	15	15	650000	3750	DFT-s-OFDM QPSK	1@1	22.95	14.15	0.0260
78	15	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.88	13.08	0.0203
78	15	15	652833	3792.495	DFT-s-OFDM QPSK	1@1	22.97	14.17	0.0261
78	15	15	652833	3792.495	DFT-s-OFDM 16 QAM	1@1	21.89	13.09	0.0204
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	23.05	14.25	0.0266
78	15	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	21.92	13.12	0.0205
78	15	20	650000	3750	DFT-s-OFDM QPSK	1@1	23.07	14.27	0.0267
78	15	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.99	13.19	0.0208
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	22.96	14.16	0.0261
78	15	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	21.95	13.15	0.0207
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	22.97	14.17	0.0261
78	15	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	22.18	13.38	0.0218
78	15	25	650000	3750	DFT-s-OFDM QPSK	1@1	23.09	14.29	0.0269
78	15	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.28	13.48	0.0223
78	15	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	22.88	14.08	0.0256
78	15	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	22.07	13.27	0.0212
78	15	30	647667	3715.005	DFT-s-OFDM QPSK	1@1	23.05	14.25	0.0266
78	15	30	647667	3715.005	DFT-s-OFDM 16 QAM	1@1	22.08	13.28	0.0213
78	15	30	650000	3750	DFT-s-OFDM QPSK	1@1	23.08	14.28	0.0268
78	15	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.2	13.4	0.0219
78	15	30	652333	3784.995	DFT-s-OFDM QPSK	1@1	22.86	14.06	0.0255

78	15	30	652333	3784.995	DFT-s-OFDM 16 QAM	1@1	21.86	13.06	0.0202
78	15	40	648000	3720	DFT-s-OFDM QPSK	1@1	22.95	14.15	0.0260
78	15	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	22.12	13.32	0.0215
78	15	40	650000	3750	DFT-s-OFDM QPSK	1@1	23.1	14.3	0.0269
78	15	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.26	13.46	0.0222
78	15	40	652000	3780	DFT-s-OFDM QPSK	1@1	22.81	14.01	0.0252
78	15	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	21.93	13.13	0.0206
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	135@67	23.1	14.3	0.0269
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	23.08	14.28	0.0268
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@268	23	14.2	0.0263
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	135@67	23.33	14.53	0.0284
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	23.28	14.48	0.0281
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@268	23.35	14.55	0.0285
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	135@67	22.01	13.21	0.0209
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	22.21	13.41	0.0219
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@268	22.11	13.31	0.0214
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	135@67	20.43	11.63	0.0146
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	20.61	11.81	0.0152
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@268	20.53	11.73	0.0149
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	135@67	18.59	9.79	0.0095
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	18.59	9.79	0.0095
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@268	18.62	9.82	0.0096
78	15	50	648334	3725.01	CP-OFDM QPSK	135@67	21.71	12.91	0.0195
78	15	50	648334	3725.01	CP-OFDM QPSK	1@1	21.69	12.89	0.0195
78	15	50	648334	3725.01	CP-OFDM QPSK	1@268	21.52	12.72	0.0187
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	23.08	14.28	0.0268
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.16	14.36	0.0273
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@268	22.88	14.08	0.0256
78	15	50	650000	3750	DFT-s-OFDM QPSK	135@67	23.02	14.22	0.0264
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@1	23.13	14.33	0.0271
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@268	22.9	14.1	0.0257
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	135@67	22.05	13.25	0.0211
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.2	13.4	0.0219
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@268	21.96	13.16	0.0207
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	135@67	20.47	11.67	0.0147

78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.84	12.04	0.0160
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@268	20.49	11.69	0.0148
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	135@67	18.5	9.7	0.0093
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.77	9.97	0.0099
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@268	18.54	9.74	0.0094
78	15	50	650000	3750	CP-OFDM QPSK	135@67	21.57	12.77	0.0189
78	15	50	650000	3750	CP-OFDM QPSK	1@1	21.57	12.77	0.0189
78	15	50	650000	3750	CP-OFDM QPSK	1@268	21.55	12.75	0.0188
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	135@67	22.84	14.04	0.0254
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	22.84	14.04	0.0254
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@268	22.93	14.13	0.0259
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	135@67	22.88	14.08	0.0256
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	22.96	14.16	0.0261
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@268	23.1	14.3	0.0269
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	135@67	21.88	13.08	0.0203
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	22	13.2	0.0209
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@268	22.17	13.37	0.0217
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	135@67	20.38	11.58	0.0144
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	20.51	11.71	0.0148
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@268	20.56	11.76	0.0150
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	135@67	18.5	9.7	0.0093
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	18.41	9.61	0.0091
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@268	18.77	9.97	0.0099
78	15	50	651666	3774.99	CP-OFDM QPSK	135@67	21.38	12.58	0.0181
78	15	50	651666	3774.99	CP-OFDM QPSK	1@1	21.41	12.61	0.0182
78	15	50	651666	3774.99	CP-OFDM QPSK	1@268	21.49	12.69	0.0186

Software Version: 22.12.120701

FR1 N78-SCS 30K(ANT4)

Transmitter Conducted Output Power and EIRP, (G_T - L_C)=-8.8dB

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 QPSK	1@1	23.12	14.32	0.0270
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	22.21	13.41	0.0219
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	23.13	14.33	0.0271
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.14	13.34	0.0216
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	23.17	14.37	0.0274
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	22.22	13.42	0.0220
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	23.16	14.36	0.0273
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	22.03	13.23	0.0210
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	23.18	14.38	0.0274
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.29	13.49	0.0223
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	23.15	14.35	0.0272
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	22.32	13.52	0.0225
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	23.07	14.27	0.0267
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	22.2	13.4	0.0219
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	23.21	14.41	0.0276
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.32	13.52	0.0225
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	23.01	14.21	0.0264
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	22.27	13.47	0.0222
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	23.29	14.49	0.0281
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	22.14	13.34	0.0216
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@1	23.23	14.43	0.0277
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.08	13.28	0.0213
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	23.13	14.33	0.0271
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	22.11	13.31	0.0214
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	23.19	14.39	0.0275
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	22.29	13.49	0.0223
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	23.14	14.34	0.0272
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.28	13.48	0.0223
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	22.97	14.17	0.0261

78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	22.01	13.21	0.0209
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	22.98	14.18	0.0262
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	22.09	13.29	0.0213
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	23.25	14.45	0.0279
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.32	13.52	0.0225
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	22.98	14.18	0.0262
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	21.96	13.16	0.0207
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	22.99	14.19	0.0262
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	22.12	13.32	0.0215
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	23.26	14.46	0.0279
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.26	13.46	0.0222
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	22.96	14.16	0.0261
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	21.97	13.17	0.0207
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	23.11	14.31	0.0270
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	22.1	13.3	0.0214
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	23.09	14.29	0.0269
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.18	13.38	0.0218
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	23.11	14.31	0.0270
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	21.92	13.12	0.0205
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	22.98	14.18	0.0262
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	22.16	13.36	0.0217
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	23.24	14.44	0.0278
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.28	13.48	0.0223
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	23.13	14.33	0.0271
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	22.08	13.28	0.0213
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	23.09	14.29	0.0269
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	22.01	13.21	0.0209
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	23.18	14.38	0.0274
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.24	13.44	0.0221
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	23.13	14.33	0.0271
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	22.23	13.43	0.0220
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	23.12	14.32	0.0270
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	21.97	13.17	0.0207
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	23.11	14.31	0.0270
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.03	13.23	0.0210

78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	23.14	14.34	0.0272
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	22.17	13.37	0.0217
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	22.97	14.17	0.0261
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.99	14.19	0.0262
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	23.11	14.31	0.0270
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	22.97	14.17	0.0261
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	23.3	14.5	0.0282
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	23.09	14.29	0.0269
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.95	13.15	0.0207
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	22	13.2	0.0209
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	22.21	13.41	0.0219
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	20.5	11.7	0.0148
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.54	11.74	0.0149
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	20.62	11.82	0.0152
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	18.46	9.66	0.0092
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.45	9.65	0.0092
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	18.6	9.8	0.0095
78	30	100	650000	3750	CP-OFDM QPSK	137@68	21.52	12.72	0.0187
78	30	100	650000	3750	CP-OFDM QPSK	1@1	21.6	12.8	0.0191
78	30	100	650000	3750	CP-OFDM QPSK	1@271	21.69	12.89	0.0195

Software Version: 22.12.120701

FR1 N78 UL MIMO-SCS 15K(MIMO_ANT 4+2)

Transmitter Conducted Output Power and EIRP, (G_T - L_C)=-5.99dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT4 Power(dBm)	ANT2 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	15	10	647000	3705	DFT-s-OFDM QPSK	1@1	19.76	19.47	22.63	16.64	0.0461
78	15	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	18.84	18.79	21.83	15.84	0.0384
78	15	10	650000	3750	DFT-s-OFDM QPSK	1@1	18.99	19.54	22.28	16.29	0.0426
78	15	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.1	18.18	21.15	15.16	0.0328
78	15	10	653000	3795	DFT-s-OFDM QPSK	1@1	19.64	19.64	22.65	16.66	0.0463
78	15	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	18.24	18.86	21.57	15.58	0.0361
78	15	15	647167	3707.505	DFT-s-OFDM QPSK	1@1	19.86	19.55	22.72	16.73	0.0471
78	15	15	647167	3707.505	DFT-s-OFDM 16 QAM	1@1	18.39	18.79	21.60	15.61	0.0364
78	15	15	650000	3750	DFT-s-OFDM QPSK	1@1	19.01	19.54	22.29	16.30	0.0427
78	15	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	17.59	18.83	21.26	15.27	0.0337
78	15	15	652833	3792.495	DFT-s-OFDM QPSK	1@1	19.34	19.49	22.43	16.44	0.0441
78	15	15	652833	3792.495	DFT-s-OFDM 16 QAM	1@1	17.98	18.8	21.42	15.43	0.0349
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	19.81	19.59	22.71	16.72	0.0470
78	15	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	18.35	18.85	21.62	15.63	0.0366
78	15	20	650000	3750	DFT-s-OFDM QPSK	1@1	19.04	19.48	22.28	16.29	0.0426
78	15	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.22	18.8	21.53	15.54	0.0358
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	19.27	19.5	22.40	16.41	0.0438
78	15	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	18.42	18.72	21.58	15.59	0.0362
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	19.77	19.57	22.68	16.69	0.0467
78	15	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	19.03	18.79	21.92	15.93	0.0392
78	15	25	650000	3750	DFT-s-OFDM QPSK	1@1	18.88	19.55	22.24	16.25	0.0422
78	15	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.18	18.82	21.52	15.53	0.0357
78	15	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	19.06	19.36	22.22	16.23	0.0420
78	15	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	18.25	17.98	21.13	15.14	0.0327
78	15	30	647667	3715.005	DFT-s-OFDM QPSK	1@1	19.86	19.47	22.68	16.69	0.0467
78	15	30	647667	3715.005	DFT-s-OFDM 16 QAM	1@1	19.1	18.38	21.77	15.78	0.0378
78	15	30	650000	3750	DFT-s-OFDM QPSK	1@1	18.88	19.63	22.28	16.29	0.0426
78	15	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	17.72	18.82	21.32	15.33	0.0341
78	15	30	652333	3784.995	DFT-s-OFDM QPSK	1@1	18.93	19.43	22.20	16.21	0.0418

78	15	30	652333	3784.995	DFT-s-OFDM 16 QAM	1@1	17.56	18.64	21.14	15.15	0.0327
78	15	40	648000	3720	DFT-s-OFDM QPSK	1@1	19.7	19.5	22.61	16.62	0.0459
78	15	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	18.94	18.77	21.87	15.88	0.0387
78	15	40	650000	3750	DFT-s-OFDM QPSK	1@1	19.21	19.61	22.42	16.43	0.0440
78	15	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.35	18.15	21.26	15.27	0.0337
78	15	40	652000	3780	DFT-s-OFDM QPSK	1@1	18.77	19.42	22.12	16.13	0.0410
78	15	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	17.48	18.71	21.15	15.16	0.0328
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	135@67	19.27	19.66	22.48	16.49	0.0446
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	19.78	20.1	22.95	16.96	0.0497
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@268	18.76	19.42	22.11	16.12	0.0409
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	135@67	19.2	19.6	22.41	16.42	0.0439
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	19.75	19.56	22.67	16.68	0.0466
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@268	18.8	19.5	22.17	16.18	0.0415
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	135@67	18.29	18.62	21.47	15.48	0.0353
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	18.35	18.81	21.60	15.61	0.0364
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@268	17.52	18.74	21.18	15.19	0.0330
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	135@67	16.8	17.16	19.99	14.00	0.0251
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	17.07	17.06	20.08	14.09	0.0256
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@268	16.53	16.92	19.74	13.75	0.0237
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	135@67	14.77	15.13	17.96	11.97	0.0157
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	15.28	15.12	18.21	12.22	0.0167
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@268	14.37	14.98	17.70	11.71	0.0148
78	15	50	648334	3725.01	CP-OFDM QPSK	135@67	17.72	18.03	20.89	14.90	0.0309
78	15	50	648334	3725.01	CP-OFDM QPSK	1@1	18.11	17.94	21.04	15.05	0.0320
78	15	50	648334	3725.01	CP-OFDM QPSK	1@268	17.17	17.8	20.51	14.52	0.0283
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	18.81	19.55	22.21	16.22	0.0419
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	19.23	19.53	22.39	16.40	0.0437
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@268	18.93	19.45	22.21	16.22	0.0419
78	15	50	650000	3750	DFT-s-OFDM QPSK	135@67	18.88	19.51	22.22	16.23	0.0420
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@1	19.2	19.57	22.40	16.41	0.0438
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@268	19.03	19.56	22.31	16.32	0.0429
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	135@67	17.82	18.5	21.18	15.19	0.0330
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	17.82	18.23	21.04	15.05	0.0320
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@268	17.71	18.17	20.96	14.97	0.0314
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	135@67	16.33	17.05	19.72	13.73	0.0236

78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	16.56	16.99	19.79	13.80	0.0240
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@268	16.58	17.02	19.82	13.83	0.0242
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	135@67	14.43	15.07	17.77	11.78	0.0151
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	14.82	14.95	17.90	11.91	0.0155
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@268	14.85	15.07	17.97	11.98	0.0158
78	15	50	650000	3750	CP-OFDM QPSK	135@67	17.27	18.03	20.68	14.69	0.0294
78	15	50	650000	3750	CP-OFDM QPSK	1@1	17.77	18.08	20.94	14.95	0.0313
78	15	50	650000	3750	CP-OFDM QPSK	1@268	17.48	17.95	20.73	14.74	0.0298
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	135@67	18.97	19.47	22.24	16.25	0.0422
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	18.68	19.4	22.07	16.08	0.0406
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@268	19.65	19.54	22.61	16.62	0.0459
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	135@67	18.93	19.42	22.19	16.20	0.0417
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	18.74	19.47	22.13	16.14	0.0411
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@268	19.7	19.53	22.63	16.64	0.0461
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	135@67	18.03	18.57	21.32	15.33	0.0341
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	17.92	18.71	21.34	15.35	0.0343
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@268	18.51	18.82	21.68	15.69	0.0371
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	135@67	16.5	17.05	19.79	13.80	0.0240
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	16.04	16.74	19.41	13.42	0.0220
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@268	17.17	17.04	20.12	14.13	0.0259
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	135@67	14.49	14.99	17.76	11.77	0.0150
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	14.27	14.86	17.59	11.60	0.0145
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@268	15.27	15.16	18.23	12.24	0.0167
78	15	50	651666	3774.99	CP-OFDM QPSK	135@67	17.54	17.96	20.77	14.78	0.0301
78	15	50	651666	3774.99	CP-OFDM QPSK	1@1	17.23	18	20.64	14.65	0.0292
78	15	50	651666	3774.99	CP-OFDM QPSK	1@268	18.24	18.13	21.20	15.21	0.0332

Software Version: 22.12.120701

FR1 N78 UL MIMO-SCS 30K(MIMO_ANT 4+2)

Transmitter Conducted Output Power and EIRP, (G_T - L_C)=-5.99dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT4 Power(dBm)	ANT2 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	19.85	19.87	22.87	16.88	0.0488
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	18.86	19	21.94	15.95	0.0394
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	19	19.99	22.53	16.54	0.0451
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	17.85	19.05	21.50	15.51	0.0356
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	18.68	20.29	22.57	16.58	0.0455
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	17.69	19.15	21.49	15.50	0.0355
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	19.82	19.87	22.86	16.87	0.0486
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	18.63	19.07	21.87	15.88	0.0387
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	19.15	20.09	22.66	16.67	0.0465
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	17.96	19.09	21.57	15.58	0.0361
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	18.56	20.28	22.51	16.52	0.0449
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	17.63	19.09	21.43	15.44	0.0350
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	19.75	19.71	22.74	16.75	0.0473
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	18.78	19.17	21.99	16.00	0.0398
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	19.22	20.16	22.73	16.74	0.0472
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.18	18.95	21.59	15.60	0.0363
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	18.54	20.19	22.45	16.46	0.0443
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	17.38	19.09	21.33	15.34	0.0342
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	19.53	19.86	22.71	16.72	0.0470
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	18.82	18.93	21.89	15.90	0.0389
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@1	19.03	20.03	22.57	16.58	0.0455
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.93	19.05	22.00	16.01	0.0399
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	18.89	20.25	22.63	16.64	0.0461
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	18.03	19.13	21.63	15.64	0.0366
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	19.7	19.97	22.85	16.86	0.0485
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	18.68	19.01	21.86	15.87	0.0386
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	19.33	19.87	22.62	16.63	0.0460
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.26	18.78	21.54	15.55	0.0359
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	18.61	19.8	22.26	16.27	0.0424

78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	17.51	18.71	21.16	15.17	0.0329
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	19.82	19.73	22.79	16.80	0.0479
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	18.94	19.08	22.02	16.03	0.0401
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	19.48	20.08	22.80	16.81	0.0480
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.2	19.01	21.63	15.64	0.0366
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	18.76	19.67	22.25	16.26	0.0423
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	17.77	18.84	21.35	15.36	0.0344
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	19.75	20.02	22.90	16.91	0.0491
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	18.8	18.82	21.82	15.83	0.0383
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	19.51	20.02	22.78	16.79	0.0478
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.33	19.17	21.78	15.79	0.0379
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	18.9	19.84	22.41	16.42	0.0439
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	17.85	18.69	21.30	15.31	0.0340
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	19.62	19.94	22.79	16.80	0.0479
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	18.75	18.94	21.86	15.87	0.0386
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	19.54	20.04	22.81	16.82	0.0481
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.5	19.1	21.82	15.83	0.0383
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	19.15	19.93	22.57	16.58	0.0455
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	18.13	18.83	21.50	15.51	0.0356
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	19.73	20	22.88	16.89	0.0489
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	18.65	19.02	21.85	15.86	0.0385
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	19.65	20.06	22.87	16.88	0.0488
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.73	18.85	21.80	15.81	0.0381
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	19.38	19.96	22.69	16.70	0.0468
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	18.29	18.95	21.64	15.65	0.0367
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	19.64	19.95	22.81	16.82	0.0481
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	18.71	18.68	21.71	15.72	0.0373
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	19.72	19.99	22.87	16.88	0.0488
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.63	18.88	21.77	15.78	0.0378
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	19.55	20.01	22.80	16.81	0.0480
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	18.52	18.89	21.72	15.73	0.0374
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	19.7	19.98	22.85	16.86	0.0485
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	18.7	18.99	21.86	15.87	0.0386
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	19.66	19.9	22.79	16.80	0.0479
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.74	18.89	21.83	15.84	0.0384

78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	19.62	19.92	22.78	16.79	0.0478
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	18.4	18.95	21.69	15.70	0.0372
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	19.17	20.12	22.68	16.69	0.0467
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	19.75	20.01	22.89	16.90	0.0490
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	18.76	20.15	22.52	16.53	0.0450
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	19.18	20.01	22.63	16.64	0.0461
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	19.65	19.92	22.80	16.81	0.0480
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	18.69	20.07	22.44	16.45	0.0442
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	18.17	19.09	21.66	15.67	0.0369
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	18.73	18.71	21.73	15.74	0.0375
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	17.83	19.06	21.50	15.51	0.0356
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	16.64	17.5	20.10	14.11	0.0258
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	17.17	17.31	20.25	14.26	0.0267
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	16.24	17.57	19.97	13.98	0.0250
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	14.65	15.52	18.12	12.13	0.0163
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	15.29	15.48	18.40	12.41	0.0174
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	14.31	15.64	18.04	12.05	0.0160
78	30	100	650000	3750	CP-OFDM QPSK	137@68	17.64	18.57	21.14	15.15	0.0327
78	30	100	650000	3750	CP-OFDM QPSK	1@1	18.25	18.48	21.38	15.39	0.0346
78	30	100	650000	3750	CP-OFDM QPSK	1@271	17.29	18.61	21.01	15.02	0.0318

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Ren Zekai	Temperature :	23~25℃
		Relative Humidity :	41~42%

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

n77 SA / NR 100MHz / QPSK(ANT4)								
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)
Lowest	7404	-58.76	-13	-45.76	-68.97	3.03	13.24	H
	11100	-59.57	-13	-46.57	-69.02	3.56	13.01	H
	14820	-59.21	-13	-46.21	-68.73	3.92	13.44	H
	7404	-61.38	-13	-48.38	-71.59	3.03	13.24	V
	11100	-57.45	-13	-44.45	-66.90	3.56	13.01	V
	14820	-59.31	-13	-46.31	-68.83	3.92	13.44	V
Middle	7584	-59.61	-13	-46.61	-69.82	3.03	13.24	H
	11376	-60.87	-13	-47.87	-70.32	3.56	13.01	H
	15180	-59.06	-13	-46.06	-68.58	3.92	13.44	H
	7584	-60.12	-13	-47.12	-70.33	3.03	13.24	V
	11376	-58.53	-13	-45.53	-67.98	3.56	13.01	V
	15180	-59.05	-13	-46.05	-68.57	3.92	13.44	V
Highest	7764	-61.73	-13	-48.73	-71.94	3.03	13.24	H
	11640	-55.38	-13	-42.38	-64.83	3.56	13.01	H
	15540	-59.03	-13	-46.03	-68.55	3.92	13.44	H
	7764	-60.20	-13	-47.20	-70.41	3.03	13.24	V
	11640	-54.28	-13	-41.28	-63.73	3.56	13.01	V
	15540	-59.15	-13	-46.15	-68.67	3.92	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 / LTE(ANT0) + NR(ANT4)								
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)
Lowest	7416	-62.27	-13	-49.27	-72.48	3.03	13.24	H
	11112	-59.79	-13	-46.79	-69.24	3.56	13.01	H
	14820	-58.43	-13	-45.43	-67.95	3.92	13.44	H
	7416	-62.18	-13	-49.18	-72.39	3.03	13.24	V
	11112	-59.63	-13	-46.63	-69.08	3.56	13.01	V
	14820	-58.34	-13	-45.34	-67.86	3.92	13.44	V
Middle	7596	-61.65	-13	-48.65	-71.86	3.03	13.24	H
	11388	-59.66	-13	-46.66	-69.11	3.56	13.01	H
	15180	-57.32	-13	-44.32	-66.84	3.92	13.44	H
	7596	-61.99	-13	-48.99	-72.20	3.03	13.24	V
	11388	-60.14	-13	-47.14	-69.59	3.56	13.01	V
	15180	-58.20	-13	-45.20	-67.72	3.92	13.44	V
Highest	7776	-61.28	-13	-48.28	-71.49	3.03	13.24	H
	11652	-59.12	-13	-46.12	-68.57	3.56	13.01	H
	15540	-57.68	-13	-44.68	-67.20	3.92	13.44	H
	7776	-61.57	-13	-48.57	-71.78	3.03	13.24	V
	11652	-59.04	-13	-46.04	-68.49	3.56	13.01	V
	15540	-57.96	-13	-44.96	-67.48	3.92	13.44	V

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

n77 UL MIMO / NR 100+100MHz / QPSK / (ANT4+2)								
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)
Lowest	7416	-62.06	-13	-49.06	-72.27	3.03	13.24	H
	11112	-59.34	-13	-46.34	-68.79	3.56	13.01	H
	14820	-58.37	-13	-45.37	-67.89	3.92	13.44	H
	7416	-61.92	-13	-48.92	-72.13	3.03	13.24	V
	11112	-59.57	-13	-46.57	-69.02	3.56	13.01	V
	14820	-58.19	-13	-45.19	-67.71	3.92	13.44	V
Middle	7584	-60.30	-13	-47.30	-70.51	3.03	13.24	H
	11388	-60.00	-13	-47.00	-69.45	3.56	13.01	H
	15180	-58.23	-13	-45.23	-67.75	3.92	13.44	H
	7584	-60.51	-13	-47.51	-70.72	3.03	13.24	V
	11388	-59.96	-13	-46.96	-69.41	3.56	13.01	V
	15180	-58.15	-13	-45.15	-67.67	3.92	13.44	V
Highest	7776	-61.80	-13	-48.80	-72.01	3.03	13.24	H
	11652	-59.35	-13	-46.35	-68.80	3.56	13.01	H
	15540	-57.88	-13	-44.88	-67.40	3.92	13.44	H
	7776	-61.50	-13	-48.50	-71.71	3.03	13.24	V
	11652	-59.31	-13	-46.31	-68.76	3.56	13.01	V
	15540	-58.02	-13	-45.02	-67.54	3.92	13.44	V

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