



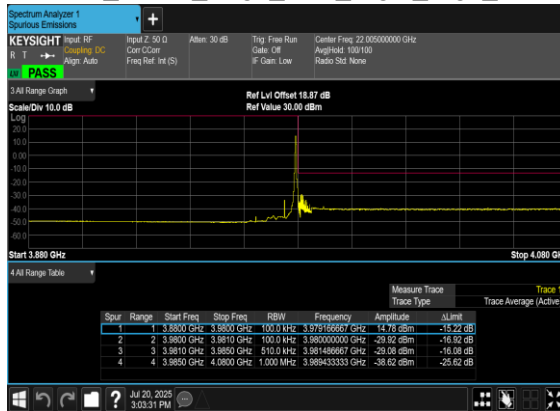
N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



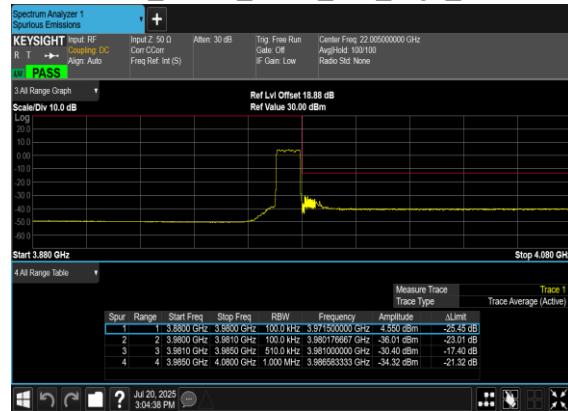
N77(10M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH

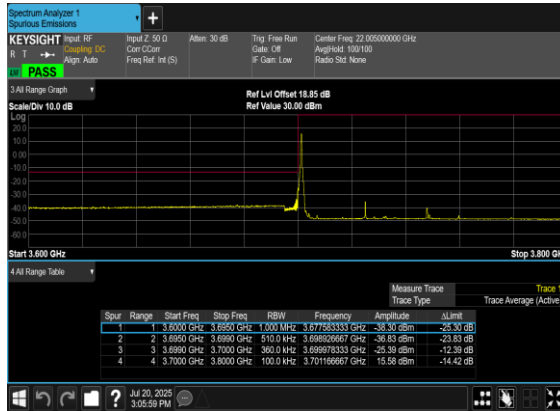


N77(10M)_CP-
OFDM_QPSK_Outer_Full_High_CH

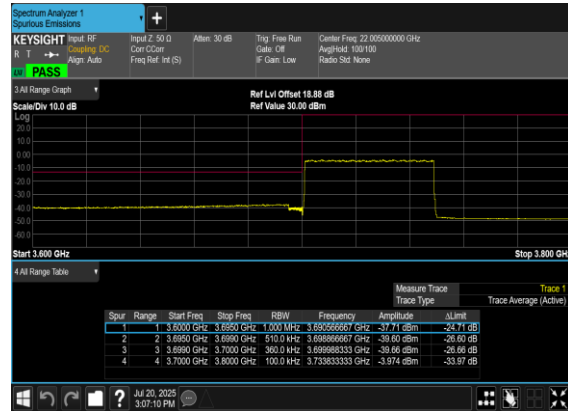




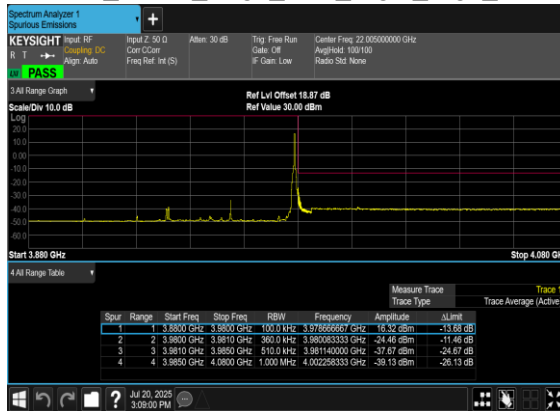
N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



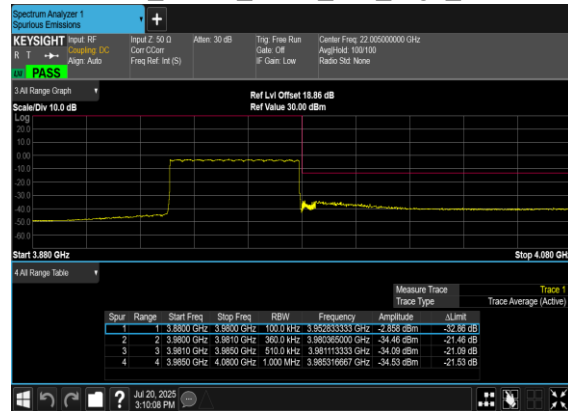
N77(50M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(50M)_CP-
OFDM_QPSK_Outer_Full_High_CH

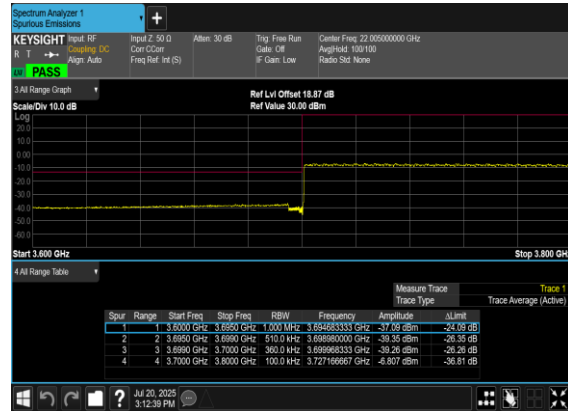




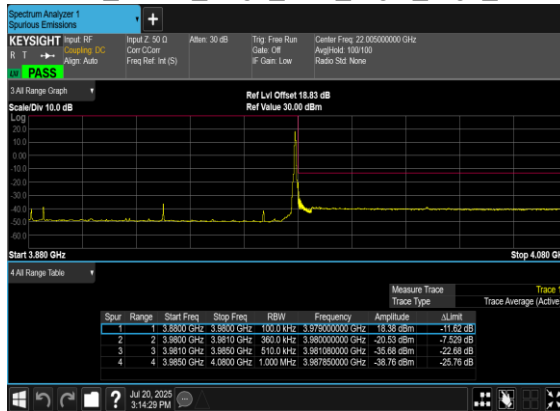
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



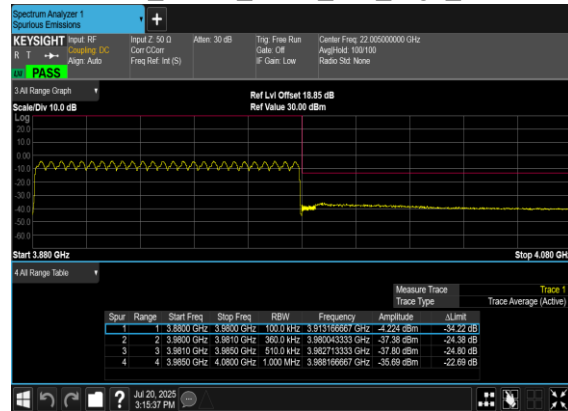
N77(100M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_CP-
OFDM_QPSK_Outer_Full_High_CH





FR1 N78 Ant 5_15 kHz

Transmitter Conducted Output Power And EIRP, (GT - LC)= 0.01 dBi

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
78	15	10	647000	3705	DFT-s-OFDM QPSK	25@12	26.13	26.14	0.4111
78	15	10	647000	3705	DFT-s-OFDM QPSK	1@1	26.11	26.12	0.4093
78	15	10	647000	3705	DFT-s-OFDM QPSK	1@50	26.17	26.18	0.4150
78	15	10	647000	3705	DFT-s-OFDM 16 QAM	25@12	25.14	25.15	0.3273
78	15	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	25.15	25.16	0.3281
78	15	10	647000	3705	DFT-s-OFDM 16 QAM	1@50	25.19	25.2	0.3311
78	15	10	650000	3750	DFT-s-OFDM QPSK	25@12	26.12	26.13	0.4102
78	15	10	650000	3750	DFT-s-OFDM QPSK	1@1	26.12	26.13	0.4102
78	15	10	650000	3750	DFT-s-OFDM QPSK	1@50	26.12	26.13	0.4102
78	15	10	650000	3750	DFT-s-OFDM 16 QAM	25@12	25.13	25.14	0.3266
78	15	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.13	25.14	0.3266
78	15	10	650000	3750	DFT-s-OFDM 16 QAM	1@50	25.17	25.18	0.3296
78	15	10	653000	3795	DFT-s-OFDM QPSK	25@12	26.03	26.04	0.4018
78	15	10	653000	3795	DFT-s-OFDM QPSK	1@1	26.06	26.07	0.4046
78	15	10	653000	3795	DFT-s-OFDM QPSK	1@50	26.01	26.02	0.3999
78	15	10	653000	3795	DFT-s-OFDM 16 QAM	25@12	25.05	25.06	0.3206
78	15	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	25.09	25.1	0.3236
78	15	10	653000	3795	DFT-s-OFDM 16 QAM	1@50	25.09	25.1	0.3236
78	15	15	647167	3707.505	DFT-s-OFDM QPSK	36@18	26.12	26.13	0.4102
78	15	15	647167	3707.505	DFT-s-OFDM QPSK	1@1	26.15	26.16	0.4130
78	15	15	647167	3707.505	DFT-s-OFDM QPSK	1@77	26.2	26.21	0.4178
78	15	15	647167	3707.505	DFT-s-OFDM 16 QAM	36@18	25.13	25.14	0.3266
78	15	15	647167	3707.505	DFT-s-OFDM 16 QAM	1@1	25.16	25.17	0.3289
78	15	15	647167	3707.505	DFT-s-OFDM 16 QAM	1@77	25.2	25.21	0.3319
78	15	15	650000	3750	DFT-s-OFDM QPSK	36@18	26.13	26.14	0.4111
78	15	15	650000	3750	DFT-s-OFDM QPSK	1@1	26.18	26.19	0.4159
78	15	15	650000	3750	DFT-s-OFDM QPSK	1@77	26.17	26.18	0.4150
78	15	15	650000	3750	DFT-s-OFDM 16 QAM	36@18	25.14	25.15	0.3273
78	15	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.23	25.24	0.3342
78	15	15	650000	3750	DFT-s-OFDM 16 QAM	1@77	25.16	25.17	0.3289
78	15	15	652833	3792.495	DFT-s-OFDM QPSK	36@18	26	26.01	0.3990
78	15	15	652833	3792.495	DFT-s-OFDM QPSK	1@1	26.07	26.08	0.4055
78	15	15	652833	3792.495	DFT-s-OFDM QPSK	1@77	26.01	26.02	0.3999
78	15	15	652833	3792.495	DFT-s-OFDM 16 QAM	36@18	25	25.01	0.3170
78	15	15	652833	3792.495	DFT-s-OFDM 16 QAM	1@1	25.09	25.1	0.3236
78	15	15	652833	3792.495	DFT-s-OFDM 16 QAM	1@77	25.09	25.1	0.3236



78	15	20	647334	3710.01	DFT-s-OFDM QPSK	50@25	26.12	26.13	0.4102
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	26.11	26.12	0.4093
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@104	26.17	26.18	0.4150
78	15	20	647334	3710.01	DFT-s-OFDM 16 QAM	50@25	25.12	25.13	0.3258
78	15	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	25.14	25.15	0.3273
78	15	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@104	25.21	25.22	0.3327
78	15	20	650000	3750	DFT-s-OFDM QPSK	50@25	26.14	26.15	0.4121
78	15	20	650000	3750	DFT-s-OFDM QPSK	1@1	26.17	26.18	0.4150
78	15	20	650000	3750	DFT-s-OFDM QPSK	1@104	26.12	26.13	0.4102
78	15	20	650000	3750	DFT-s-OFDM 16 QAM	50@25	25.17	25.18	0.3296
78	15	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.22	25.23	0.3334
78	15	20	650000	3750	DFT-s-OFDM 16 QAM	1@104	25.2	25.21	0.3319
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	50@25	26.05	26.06	0.4036
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	26.1	26.11	0.4083
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	1@104	26.09	26.1	0.4074
78	15	20	652666	3789.99	DFT-s-OFDM 16 QAM	50@25	25.07	25.08	0.3221
78	15	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	25.15	25.16	0.3281
78	15	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@104	25.14	25.15	0.3273
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	64@32	26.17	26.18	0.4150
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	26.13	26.14	0.4111
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@131	26.19	26.2	0.4169
78	15	25	647500	3712.5	DFT-s-OFDM 16 QAM	64@32	25.17	25.18	0.3296
78	15	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	25.17	25.18	0.3296
78	15	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@131	25.23	25.24	0.3342
78	15	25	650000	3750	DFT-s-OFDM QPSK	64@32	26.2	26.21	0.4178
78	15	25	650000	3750	DFT-s-OFDM QPSK	1@1	26.14	26.15	0.4121
78	15	25	650000	3750	DFT-s-OFDM QPSK	1@131	26.17	26.18	0.4150
78	15	25	650000	3750	DFT-s-OFDM 16 QAM	64@32	25.16	25.17	0.3289
78	15	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.19	25.2	0.3311
78	15	25	650000	3750	DFT-s-OFDM 16 QAM	1@131	25.2	25.21	0.3319
78	15	25	652500	3787.5	DFT-s-OFDM QPSK	64@32	26.13	26.14	0.4111
78	15	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	26.15	26.16	0.4130
78	15	25	652500	3787.5	DFT-s-OFDM QPSK	1@131	26.08	26.09	0.4064
78	15	25	652500	3787.5	DFT-s-OFDM 16 QAM	64@32	25.09	25.1	0.3236
78	15	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	25.2	25.21	0.3319
78	15	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@131	25.17	25.18	0.3296
78	15	30	647667	3715.005	DFT-s-OFDM QPSK	80@40	26.31	26.32	0.4285
78	15	30	647667	3715.005	DFT-s-OFDM QPSK	1@1	26.29	26.3	0.4266
78	15	30	647667	3715.005	DFT-s-OFDM QPSK	1@158	26.3	26.31	0.4276
78	15	30	647667	3715.005	DFT-s-OFDM 16 QAM	80@40	25.3	25.31	0.3396
78	15	30	647667	3715.005	DFT-s-OFDM 16 QAM	1@1	25.31	25.32	0.3404
78	15	30	647667	3715.005	DFT-s-OFDM 16 QAM	1@158	25.38	25.39	0.3459
78	15	30	650000	3750	DFT-s-OFDM QPSK	80@40	26.19	26.2	0.4169
78	15	30	650000	3750	DFT-s-OFDM QPSK	1@1	26.27	26.28	0.4246
78	15	30	650000	3750	DFT-s-OFDM QPSK	1@158	26.23	26.24	0.4207



78	15	30	650000	3750	DFT-s-OFDM 16 QAM	80@40	25.22	25.23	0.3334
78	15	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.31	25.32	0.3404
78	15	30	650000	3750	DFT-s-OFDM 16 QAM	1@158	25.31	25.32	0.3404
78	15	30	652333	3784.995	DFT-s-OFDM QPSK	80@40	26.11	26.12	0.4093
78	15	30	652333	3784.995	DFT-s-OFDM QPSK	1@1	26.17	26.18	0.4150
78	15	30	652333	3784.995	DFT-s-OFDM QPSK	1@158	26.15	26.16	0.4130
78	15	30	652333	3784.995	DFT-s-OFDM 16 QAM	80@40	25.12	25.13	0.3258
78	15	30	652333	3784.995	DFT-s-OFDM 16 QAM	1@1	25.21	25.22	0.3327
78	15	30	652333	3784.995	DFT-s-OFDM 16 QAM	1@158	25.19	25.2	0.3311
78	15	40	648000	3720	DFT-s-OFDM QPSK	108@54	26.28	26.29	0.4256
78	15	40	648000	3720	DFT-s-OFDM QPSK	1@1	26.26	26.27	0.4236
78	15	40	648000	3720	DFT-s-OFDM QPSK	1@214	26.22	26.23	0.4198
78	15	40	648000	3720	DFT-s-OFDM 16 QAM	108@54	25.3	25.31	0.3396
78	15	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	25.29	25.3	0.3388
78	15	40	648000	3720	DFT-s-OFDM 16 QAM	1@214	25.29	25.3	0.3388
78	15	40	650000	3750	DFT-s-OFDM QPSK	108@54	26.23	26.24	0.4207
78	15	40	650000	3750	DFT-s-OFDM QPSK	1@1	26.26	26.27	0.4236
78	15	40	650000	3750	DFT-s-OFDM QPSK	1@214	26.23	26.24	0.4207
78	15	40	650000	3750	DFT-s-OFDM 16 QAM	108@54	25.23	25.24	0.3342
78	15	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.3	25.31	0.3396
78	15	40	650000	3750	DFT-s-OFDM 16 QAM	1@214	25.3	25.31	0.3396
78	15	40	652000	3780	DFT-s-OFDM QPSK	108@54	26.17	26.18	0.4150
78	15	40	652000	3780	DFT-s-OFDM QPSK	1@1	26.23	26.24	0.4207
78	15	40	652000	3780	DFT-s-OFDM QPSK	1@214	26.18	26.19	0.4159
78	15	40	652000	3780	DFT-s-OFDM 16 QAM	108@54	25.18	25.19	0.3304
78	15	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	25.23	25.24	0.3342
78	15	40	652000	3780	DFT-s-OFDM 16 QAM	1@214	25.23	25.24	0.3342
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	135@67	26.32	26.33	0.4295
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	26.15	26.16	0.4130
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@268	26.16	26.17	0.4140
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	135@67	26.33	26.34	0.4305
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	26.24	26.25	0.4217
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@268	26.26	26.27	0.4236
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	135@67	25.34	25.35	0.3428
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	25.3	25.31	0.3396
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@268	25.31	25.32	0.3404
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	135@67	23.82	23.83	0.2415
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	23.56	23.57	0.2275
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@268	23.59	23.6	0.2291
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	135@67	21.84	21.85	0.1531
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	21.66	21.67	0.1469
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@268	21.67	21.68	0.1472
78	15	50	648334	3725.01	CP-OFDM QPSK	135@67	24.81	24.82	0.3034
78	15	50	648334	3725.01	CP-OFDM QPSK	1@1	24.68	24.69	0.2944
78	15	50	648334	3725.01	CP-OFDM QPSK	1@268	24.72	24.73	0.2972



78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	26.22	26.23	0.4198
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.14	26.15	0.4121
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@268	26.1	26.11	0.4083
78	15	50	650000	3750	DFT-s-OFDM QPSK	135@67	26.23	26.24	0.4207
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@1	26.28	26.29	0.4256
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@268	26.21	26.22	0.4188
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	135@67	25.24	25.25	0.3350
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.3	25.31	0.3396
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@268	25.28	25.29	0.3381
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.75	23.76	0.2377
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.54	23.55	0.2265
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@268	23.45	23.46	0.2218
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.72	21.73	0.1489
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.65	21.66	0.1466
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@268	21.61	21.62	0.1452
78	15	50	650000	3750	CP-OFDM QPSK	135@67	24.72	24.73	0.2972
78	15	50	650000	3750	CP-OFDM QPSK	1@1	24.69	24.7	0.2951
78	15	50	650000	3750	CP-OFDM QPSK	1@268	24.67	24.68	0.2938
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	135@67	26.15	26.16	0.4130
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	26.05	26.06	0.4036
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@268	25.99	26	0.3981
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	135@67	26.15	26.16	0.4130
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	26.17	26.18	0.4150
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@268	26.09	26.1	0.4074
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	135@67	25.15	25.16	0.3281
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	25.19	25.2	0.3311
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@268	25.17	25.18	0.3296
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	135@67	23.66	23.67	0.2328
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	23.38	23.39	0.2183
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@268	23.34	23.35	0.2163
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	135@67	21.64	21.65	0.1462
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	21.53	21.54	0.1426
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@268	21.5	21.51	0.1416
78	15	50	651666	3774.99	CP-OFDM QPSK	135@67	24.65	24.66	0.2924
78	15	50	651666	3774.99	CP-OFDM QPSK	1@1	24.59	24.6	0.2884
78	15	50	651666	3774.99	CP-OFDM QPSK	1@268	24.54	24.55	0.2851

Software Version: 23.06.1602

FR1 N78 Ant 5_30kHz

Transmitter Conducted Output Power And EIRP, (GT - LC)=0.01 dBi

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM QPSK	12@6	26.21	26.22	0.4188
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	26.1	26.11	0.4083
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@22	26.11	26.12	0.4093
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	12@6	25.26	25.27	0.3365
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	25.16	25.17	0.3289
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@22	25.16	25.17	0.3289
78	30	10	650000	3750	DFT-s-OFDM QPSK	12@6	26.2	26.21	0.4178
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	26.04	26.05	0.4027
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@22	26.04	26.05	0.4027
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	12@6	25.15	25.16	0.3281
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.09	25.1	0.3236
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@22	25.08	25.09	0.3228
78	30	10	653000	3795	DFT-s-OFDM QPSK	12@6	26.22	26.23	0.4198
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	26.17	26.18	0.4150
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@22	26.17	26.18	0.4150
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	12@6	25.27	25.28	0.3373
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	25.18	25.19	0.3304
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@22	25.2	25.21	0.3319
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	18@9	26.21	26.22	0.4188
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	26.07	26.08	0.4055
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@36	26.14	26.15	0.4121
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	18@9	25.26	25.27	0.3365
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	25.1	25.11	0.3243
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@36	25.14	25.15	0.3273
78	30	15	650000	3750	DFT-s-OFDM QPSK	18@9	26.19	26.2	0.4169
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	26.04	26.05	0.4027
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@36	26.09	26.1	0.4074
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	18@9	25.19	25.2	0.3311
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.08	25.09	0.3228
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@36	25.06	25.07	0.3214
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	18@9	26.27	26.28	0.4246
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	26.14	26.15	0.4121
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@36	26.18	26.19	0.4159
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	18@9	25.28	25.29	0.3381
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	25.14	25.15	0.3273



78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@36	25.15	25.16	0.3281
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	26.24	26.25	0.4217
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	26.04	26.05	0.4027
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	26.09	26.1	0.4074
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	25.3	25.31	0.3396
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	25.04	25.05	0.3199
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	25.08	25.09	0.3228
78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	26.15	26.16	0.4130
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	26.02	26.03	0.4009
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	26.08	26.09	0.4064
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	25.2	25.21	0.3319
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.1	25.11	0.3243
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	25.07	25.08	0.3221
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	26.3	26.31	0.4276
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	26.16	26.17	0.4140
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	26.2	26.21	0.4178
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	25.3	25.31	0.3396
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	25.13	25.14	0.3266
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	25.16	25.17	0.3289
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	32@16	26.14	26.15	0.4121
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	26.05	26.06	0.4036
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@63	26.06	26.07	0.4046
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	32@16	25.15	25.16	0.3281
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	25.14	25.15	0.3273
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@63	25.06	25.07	0.3214
78	30	25	650000	3750	DFT-s-OFDM QPSK	32@16	22.74	22.75	0.1884
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@1	22.76	22.77	0.1892
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@63	22.59	22.6	0.1820
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	32@16	21.78	21.79	0.1510
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.83	21.84	0.1528
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@63	21.66	21.67	0.1469
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	32@16	22.77	22.78	0.1897
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	22.6	22.61	0.1824
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@63	22.67	22.68	0.1854
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	32@16	21.76	21.77	0.1503
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	21.65	21.66	0.1466
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@63	21.72	21.73	0.1489
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	22.89	22.9	0.1950
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	22.88	22.89	0.1945
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	22.89	22.9	0.1950
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	21.93	21.94	0.1563
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	21.91	21.92	0.1556
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	21.97	21.98	0.1578
78	30	30	650000	3750	DFT-s-OFDM QPSK	36@18	22.84	22.85	0.1928



78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	22.9	22.91	0.1954
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@76	22.69	22.7	0.1862
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	36@18	21.84	21.85	0.1531
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.9	21.91	0.1552
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@76	21.66	21.67	0.1469
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	36@18	22.7	22.71	0.1866
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	22.64	22.65	0.1841
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@76	22.69	22.7	0.1862
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	36@18	21.68	21.69	0.1476
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	21.64	21.65	0.1462
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@76	21.74	21.75	0.1496
78	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	22.95	22.96	0.1977
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	22.86	22.87	0.1936
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	22.88	22.89	0.1945
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	21.96	21.97	0.1574
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	21.94	21.95	0.1567
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	21.92	21.93	0.1560
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	22.86	22.87	0.1936
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	22.91	22.92	0.1959
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	22.67	22.68	0.1854
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	21.87	21.88	0.1542
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.96	21.97	0.1574
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	21.7	21.71	0.1483
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	22.71	22.72	0.1871
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	22.69	22.7	0.1862
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	22.77	22.78	0.1897
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	21.77	21.78	0.1507
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	21.73	21.74	0.1493
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	21.77	21.78	0.1507
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	64@32	23.04	23.05	0.2018
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	22.87	22.88	0.1941
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	22.81	22.82	0.1914
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	21.96	21.97	0.1574
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	21.89	21.9	0.1549
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	21.87	21.88	0.1542
78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	22.85	22.86	0.1932
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	22.85	22.86	0.1932
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	22.63	22.64	0.1837
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	21.82	21.83	0.1524
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.9	21.91	0.1552
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	21.66	21.67	0.1469
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	22.71	22.72	0.1871
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	22.68	22.69	0.1858
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	22.74	22.75	0.1884



78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	21.66	21.67	0.1469
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	21.78	21.79	0.1510
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	21.63	21.64	0.1459
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	22.88	22.89	0.1945
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	22.9	22.91	0.1954
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	22.78	22.79	0.1901
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	21.9	21.91	0.1552
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	21.96	21.97	0.1574
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	21.79	21.8	0.1514
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	22.81	22.82	0.1914
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	22.88	22.89	0.1945
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	22.75	22.76	0.1888
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	21.81	21.82	0.1521
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.95	21.96	0.1570
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	21.71	21.72	0.1486
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	22.7	22.71	0.1866
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	22.91	22.92	0.1959
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	22.84	22.85	0.1928
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	21.77	21.78	0.1507
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	21.96	21.97	0.1574
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	21.85	21.86	0.1535
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	23.02	23.03	0.2009
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	22.95	22.96	0.1977
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	22.73	22.74	0.1879
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	22.04	22.05	0.1603
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	21.97	21.98	0.1578
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	21.73	21.74	0.1493
78	30	70	650000	3750	DFT-s-OFDM QPSK	90@45	22.94	22.95	0.1972
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	22.9	22.91	0.1954
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@187	22.71	22.72	0.1871
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	90@45	21.95	21.96	0.1570
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.97	21.98	0.1578
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@187	21.71	21.72	0.1486
78	30	70	651000	3765	DFT-s-OFDM QPSK	90@45	22.88	22.89	0.1945
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	23.07	23.08	0.2032
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@187	22.77	22.78	0.1897
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	21.87	21.88	0.1542
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	22.13	22.14	0.1637
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	21.75	21.76	0.1500
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	22.97	22.98	0.1986
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	22.93	22.94	0.1968
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	22.71	22.72	0.1871
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	22.01	22.02	0.1592
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	21.97	21.98	0.1578



78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	21.73	21.74	0.1493
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	22.93	22.94	0.1968
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	22.93	22.94	0.1968
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	22.78	22.79	0.1901
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	21.94	21.95	0.1567
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	22	22.01	0.1589
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	21.78	21.79	0.1510
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	22.89	22.9	0.1950
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	22.99	23	0.1995
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	22.81	22.82	0.1914
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	21.89	21.9	0.1549
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	22.05	22.06	0.1607
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	21.83	21.84	0.1528
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	23.02	23.03	0.2009
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	22.94	22.95	0.1972
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	22.71	22.72	0.1871
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	22.01	22.02	0.1592
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	22.02	22.03	0.1596
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	21.74	21.75	0.1496
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	22.95	22.96	0.1977
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	22.93	22.94	0.1968
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	22.75	22.76	0.1888
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	21.93	21.94	0.1563
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.03	22.04	0.1600
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	21.79	21.8	0.1514
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	22.9	22.91	0.1954
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	22.92	22.93	0.1963
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	22.75	22.76	0.1888
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	21.87	21.88	0.1542
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	21.99	22	0.1585
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	21.79	21.8	0.1514
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	26.13	26.14	0.4111
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	26.32	26.33	0.4295
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	26.15	26.16	0.4130
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	26.13	26.14	0.4111
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	26.22	26.23	0.4198
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	26.16	26.17	0.4140
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	25.18	25.19	0.3304
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.25	25.26	0.3357
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	25.18	25.19	0.3304
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.65	23.66	0.2323
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.84	23.85	0.2427
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	23.73	23.74	0.2366
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.66	21.67	0.1469



78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.6	21.61	0.1449
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	21.55	21.56	0.1432
78	30	100	650000	3750	CP-OFDM QPSK	137@68	24.61	24.62	0.2897
78	30	100	650000	3750	CP-OFDM QPSK	1@1	24.65	24.66	0.2924
78	30	100	650000	3750	CP-OFDM QPSK	1@271	24.56	24.57	0.2864



Software Version: 23.06.1602

FR1 n78 UL MIMO(Ant 5+6)-15 kHz**Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=0.01dBi**

NR Band	SCS	Bandwidth	Arfcn	Freq (MHz)	Modulation	RB	ANT5 Power(dBm)	ANT6 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	15	10	647000	3705	CP-OFDM QPSK	26@13	21.01	20.93	23.98	23.99	0.2506
78	15	10	647000	3705	CP-OFDM QPSK	1@1	20.77	20.9	23.85	23.86	0.2432
78	15	10	647000	3705	CP-OFDM QPSK	1@50	20.83	20.99	23.92	23.93	0.2472
78	15	10	647000	3705	CP-OFDM 16 QAM	26@13	20.44	20.56	23.51	23.52	0.2249
78	15	10	647000	3705	CP-OFDM 16 QAM	1@1	20.52	20.43	23.49	23.5	0.2239
78	15	10	647000	3705	CP-OFDM 16 QAM	1@50	20.56	20.46	23.52	23.53	0.2254
78	15	10	650000	3750	CP-OFDM QPSK	26@13	20.97	21.07	24.03	24.04	0.2535
78	15	10	650000	3750	CP-OFDM QPSK	1@1	20.9	21.08	24.00	24.01	0.2518
78	15	10	650000	3750	CP-OFDM QPSK	1@50	20.82	21.02	23.93	23.94	0.2477
78	15	10	650000	3750	CP-OFDM 16 QAM	26@13	20.51	20.53	23.53	23.54	0.2259
78	15	10	650000	3750	CP-OFDM 16 QAM	1@1	20.65	20.58	23.63	23.64	0.2312
78	15	10	650000	3750	CP-OFDM 16 QAM	1@50	20.57	20.59	23.59	23.6	0.2291
78	15	10	653000	3795	CP-OFDM QPSK	26@13	20.84	21.09	23.98	23.99	0.2506
78	15	10	653000	3795	CP-OFDM QPSK	1@1	20.63	21.1	23.88	23.89	0.2449
78	15	10	653000	3795	CP-OFDM QPSK	1@50	20.64	21.09	23.88	23.89	0.2449
78	15	10	653000	3795	CP-OFDM 16 QAM	26@13	20.34	20.77	23.57	23.58	0.2280
78	15	10	653000	3795	CP-OFDM 16 QAM	1@1	20.44	20.6	23.53	23.54	0.2259
78	15	10	653000	3795	CP-OFDM 16 QAM	1@50	20.61	20.63	23.63	23.64	0.2312
78	15	15	647167	3707.505	CP-OFDM QPSK	39@19	21.01	21.11	24.07	24.08	0.2559
78	15	15	647167	3707.505	CP-OFDM QPSK	1@1	20.98	21.02	24.01	24.02	0.2523
78	15	15	647167	3707.505	CP-OFDM QPSK	1@77	20.91	21.08	24.01	24.02	0.2523
78	15	15	647167	3707.505	CP-OFDM 16 QAM	39@19	20.62	20.51	23.58	23.59	0.2286
78	15	15	647167	3707.505	CP-OFDM 16 QAM	1@1	20.63	20.59	23.62	23.63	0.2307
78	15	15	647167	3707.505	CP-OFDM 16 QAM	1@77	20.8	20.59	23.71	23.72	0.2355
78	15	15	650000	3750	CP-OFDM QPSK	39@19	21.08	21.11	24.11	24.12	0.2582
78	15	15	650000	3750	CP-OFDM QPSK	1@1	20.89	21.07	23.99	24	0.2512
78	15	15	650000	3750	CP-OFDM QPSK	1@77	20.82	21.2	24.02	24.03	0.2529
78	15	15	650000	3750	CP-OFDM 16 QAM	39@19	20.51	20.72	23.63	23.64	0.2312



78	15	15	650000	3750	CP-OFDM 16 QAM	1@1	20.61	20.67	23.65	23.66	0.2323
78	15	15	650000	3750	CP-OFDM 16 QAM	1@77	20.67	20.79	23.74	23.75	0.2371
78	15	15	652833	3792.495	CP-OFDM QPSK	39@19	21.02	21.39	24.22	24.23	0.2649
78	15	15	652833	3792.495	CP-OFDM QPSK	1@1	20.78	21.31	24.06	24.07	0.2553
78	15	15	652833	3792.495	CP-OFDM QPSK	1@77	20.95	21.28	24.13	24.14	0.2594
78	15	15	652833	3792.495	CP-OFDM 16 QAM	39@19	20.49	20.87	23.69	23.7	0.2344
78	15	15	652833	3792.495	CP-OFDM 16 QAM	1@1	20.67	20.78	23.74	23.75	0.2371
78	15	15	652833	3792.495	CP-OFDM 16 QAM	1@77	20.71	20.9	23.82	23.83	0.2415
78	15	20	647334	3710.01	CP-OFDM QPSK	53@26	21.16	21.05	24.12	24.13	0.2588
78	15	20	647334	3710.01	CP-OFDM QPSK	1@1	20.84	20.99	23.93	23.94	0.2477
78	15	20	647334	3710.01	CP-OFDM QPSK	1@104	20.9	21.09	24.01	24.02	0.2523
78	15	20	647334	3710.01	CP-OFDM 16 QAM	53@26	20.7	20.59	23.66	23.67	0.2328
78	15	20	647334	3710.01	CP-OFDM 16 QAM	1@1	20.65	20.56	23.62	23.63	0.2307
78	15	20	647334	3710.01	CP-OFDM 16 QAM	1@104	20.66	20.64	23.66	23.67	0.2328
78	15	20	650000	3750	CP-OFDM QPSK	53@26	21.01	21.23	24.13	24.14	0.2594
78	15	20	650000	3750	CP-OFDM QPSK	1@1	20.89	20.99	23.95	23.96	0.2489
78	15	20	650000	3750	CP-OFDM QPSK	1@104	20.8	21.06	23.94	23.95	0.2483
78	15	20	650000	3750	CP-OFDM 16 QAM	53@26	20.59	20.62	23.62	23.63	0.2307
78	15	20	650000	3750	CP-OFDM 16 QAM	1@1	20.66	20.56	23.62	23.63	0.2307
78	15	20	650000	3750	CP-OFDM 16 QAM	1@104	20.59	20.61	23.61	23.62	0.2301
78	15	20	652666	3789.99	CP-OFDM QPSK	53@26	20.96	21.33	24.16	24.17	0.2612
78	15	20	652666	3789.99	CP-OFDM QPSK	1@1	20.75	21.14	23.96	23.97	0.2495
78	15	20	652666	3789.99	CP-OFDM QPSK	1@104	20.81	21.2	24.02	24.03	0.2529
78	15	20	652666	3789.99	CP-OFDM 16 QAM	53@26	20.46	20.81	23.65	23.66	0.2323
78	15	20	652666	3789.99	CP-OFDM 16 QAM	1@1	20.71	20.75	23.74	23.75	0.2371
78	15	20	652666	3789.99	CP-OFDM 16 QAM	1@104	20.63	20.85	23.75	23.76	0.2377
78	15	25	647500	3712.5	CP-OFDM QPSK	67@33	21.14	21.25	24.21	24.22	0.2642
78	15	25	647500	3712.5	CP-OFDM QPSK	1@1	20.9	21.01	23.97	23.98	0.2500
78	15	25	647500	3712.5	CP-OFDM QPSK	1@131	20.92	21.1	24.02	24.03	0.2529
78	15	25	647500	3712.5	CP-OFDM 16 QAM	67@33	20.67	20.75	23.72	23.73	0.2360
78	15	25	647500	3712.5	CP-OFDM 16 QAM	1@1	20.73	20.62	23.69	23.7	0.2344
78	15	25	647500	3712.5	CP-OFDM 16 QAM	1@131	20.76	20.64	23.71	23.72	0.2355
78	15	25	650000	3750	CP-OFDM QPSK	67@33	21.14	21.14	24.15	24.16	0.2606
78	15	25	650000	3750	CP-OFDM QPSK	1@1	20.85	21.06	23.97	23.98	0.2500
78	15	25	650000	3750	CP-OFDM QPSK	1@131	20.8	21.15	23.99	24	0.2512



78	15	25	650000	3750	CP-OFDM 16 QAM	67@33	20.54	20.77	23.67	23.68	0.2333
78	15	25	650000	3750	CP-OFDM 16 QAM	1@1	20.66	20.59	23.64	23.65	0.2317
78	15	25	650000	3750	CP-OFDM 16 QAM	1@131	20.6	20.81	23.72	23.73	0.2360
78	15	25	652500	3787.5	CP-OFDM QPSK	67@33	20.95	21.24	24.11	24.12	0.2582
78	15	25	652500	3787.5	CP-OFDM QPSK	1@1	20.68	21.14	23.93	23.94	0.2477
78	15	25	652500	3787.5	CP-OFDM QPSK	1@131	20.71	21.28	24.01	24.02	0.2523
78	15	25	652500	3787.5	CP-OFDM 16 QAM	67@33	20.54	20.86	23.71	23.72	0.2355
78	15	25	652500	3787.5	CP-OFDM 16 QAM	1@1	20.64	20.67	23.67	23.68	0.2333
78	15	25	652500	3787.5	CP-OFDM 16 QAM	1@131	20.73	20.78	23.77	23.78	0.2388
78	15	30	647667	3715.005	CP-OFDM QPSK	80@40	21.1	21.07	24.10	24.11	0.2576
78	15	30	647667	3715.005	CP-OFDM QPSK	1@1	20.87	20.99	23.94	23.95	0.2483
78	15	30	647667	3715.005	CP-OFDM QPSK	1@158	21.11	21.16	24.15	24.16	0.2606
78	15	30	647667	3715.005	CP-OFDM 16 QAM	80@40	20.56	20.54	23.56	23.57	0.2275
78	15	30	647667	3715.005	CP-OFDM 16 QAM	1@1	20.71	20.57	23.65	23.66	0.2323
78	15	30	647667	3715.005	CP-OFDM 16 QAM	1@158	20.96	20.69	23.84	23.85	0.2427
78	15	30	650000	3750	CP-OFDM QPSK	80@40	21.05	21.15	24.11	24.12	0.2582
78	15	30	650000	3750	CP-OFDM QPSK	1@1	20.93	21.11	24.03	24.04	0.2535
78	15	30	650000	3750	CP-OFDM QPSK	1@158	20.91	21.28	24.11	24.12	0.2582
78	15	30	650000	3750	CP-OFDM 16 QAM	80@40	20.52	20.63	23.59	23.6	0.2291
78	15	30	650000	3750	CP-OFDM 16 QAM	1@1	20.81	20.66	23.75	23.76	0.2377
78	15	30	650000	3750	CP-OFDM 16 QAM	1@158	20.76	20.9	23.84	23.85	0.2427
78	15	30	652333	3784.995	CP-OFDM QPSK	80@40	21.04	21.34	24.20	24.21	0.2636
78	15	30	652333	3784.995	CP-OFDM QPSK	1@1	20.85	21.29	24.09	24.1	0.2570
78	15	30	652333	3784.995	CP-OFDM QPSK	1@158	20.88	21.31	24.11	24.12	0.2582
78	15	30	652333	3784.995	CP-OFDM 16 QAM	80@40	20.54	20.84	23.70	23.71	0.2350
78	15	30	652333	3784.995	CP-OFDM 16 QAM	1@1	20.75	20.85	23.81	23.82	0.2410
78	15	30	652333	3784.995	CP-OFDM 16 QAM	1@158	20.76	20.95	23.87	23.88	0.2443
78	15	40	648000	3720	CP-OFDM QPSK	108@54	21.25	21.15	24.21	24.22	0.2642
78	15	40	648000	3720	CP-OFDM QPSK	1@1	20.93	21.09	24.02	24.03	0.2529
78	15	40	648000	3720	CP-OFDM QPSK	1@214	20.95	21.22	24.10	24.11	0.2576
78	15	40	648000	3720	CP-OFDM 16 QAM	108@54	20.64	20.67	23.67	23.68	0.2333
78	15	40	648000	3720	CP-OFDM 16 QAM	1@1	20.74	20.72	23.74	23.75	0.2371
78	15	40	648000	3720	CP-OFDM 16 QAM	1@214	20.72	20.72	23.73	23.74	0.2366
78	15	40	650000	3750	CP-OFDM QPSK	108@54	21.14	21.19	24.18	24.19	0.2624



78	15	40	650000	3750	CP-OFDM QPSK	1@1	20.87	21.16	24.03	24.04	0.2535
78	15	40	650000	3750	CP-OFDM QPSK	1@214	20.91	21.25	24.09	24.1	0.2570
78	15	40	650000	3750	CP-OFDM 16 QAM	108@54	20.6	20.71	23.67	23.68	0.2333
78	15	40	650000	3750	CP-OFDM 16 QAM	1@1	20.67	20.72	23.71	23.72	0.2355
78	15	40	650000	3750	CP-OFDM 16 QAM	1@214	20.65	20.83	23.75	23.76	0.2377
78	15	40	652000	3780	CP-OFDM QPSK	108@54	21.06	21.27	24.18	24.19	0.2624
78	15	40	652000	3780	CP-OFDM QPSK	1@1	20.75	21.06	23.92	23.93	0.2472
78	15	40	652000	3780	CP-OFDM QPSK	1@214	20.83	21.41	24.14	24.15	0.2600
78	15	40	652000	3780	CP-OFDM 16 QAM	108@54	20.58	20.78	23.69	23.7	0.2344
78	15	40	652000	3780	CP-OFDM 16 QAM	1@1	20.59	20.67	23.64	23.65	0.2317
78	15	40	652000	3780	CP-OFDM 16 QAM	1@214	20.76	20.86	23.82	23.83	0.2415
78	15	50	648334	3725.01	CP-OFDM QPSK	135@67	21.08	21.05	24.08	24.09	0.2564
78	15	50	648334	3725.01	CP-OFDM QPSK	1@1	20.79	20.92	23.87	23.88	0.2443
78	15	50	648334	3725.01	CP-OFDM QPSK	1@268	20.88	21.24	24.07	24.08	0.2559
78	15	50	648334	3725.01	CP-OFDM 16 QAM	135@67	20.57	20.65	23.62	23.63	0.2307
78	15	50	648334	3725.01	CP-OFDM 16 QAM	1@1	20.65	20.48	23.58	23.59	0.2286
78	15	50	648334	3725.01	CP-OFDM 16 QAM	1@268	20.7	20.71	23.72	23.73	0.2360
78	15	50	648334	3725.01	CP-OFDM 64 QAM	135@67	19.13	19.08	22.12	22.13	0.1633
78	15	50	648334	3725.01	CP-OFDM 64 QAM	1@1	18.93	18.76	21.86	21.87	0.1538
78	15	50	648334	3725.01	CP-OFDM 64 QAM	1@268	18.87	18.99	21.94	21.95	0.1567
78	15	50	648334	3725.01	CP-OFDM 256 QAM	135@67	16.1	16.2	19.16	19.17	0.0826
78	15	50	648334	3725.01	CP-OFDM 256 QAM	1@1	16.03	16.18	19.12	19.13	0.0818
78	15	50	648334	3725.01	CP-OFDM 256 QAM	1@268	16.24	16.34	19.30	19.31	0.0853
78	15	50	650000	3750	CP-OFDM QPSK	135@67	21.16	21.19	24.19	24.2	0.2630
78	15	50	650000	3750	CP-OFDM QPSK	1@1	20.87	21.06	23.98	23.99	0.2506
78	15	50	650000	3750	CP-OFDM QPSK	1@268	20.95	21.3	24.14	24.15	0.2600
78	15	50	650000	3750	CP-OFDM 16 QAM	135@67	20.64	20.76	23.71	23.72	0.2355
78	15	50	650000	3750	CP-OFDM 16 QAM	1@1	20.67	20.6	23.65	23.66	0.2323
78	15	50	650000	3750	CP-OFDM 16 QAM	1@268	20.71	20.9	23.82	23.83	0.2415
78	15	50	650000	3750	CP-OFDM 64 QAM	135@67	19.09	19.18	22.15	22.16	0.1644
78	15	50	650000	3750	CP-OFDM 64 QAM	1@1	18.94	18.81	21.89	21.9	0.1549
78	15	50	650000	3750	CP-OFDM 64 QAM	1@268	18.88	19.12	22.01	22.02	0.1592
78	15	50	650000	3750	CP-OFDM 256 QAM	135@67	16.11	16.16	19.15	19.16	0.0824



78	15	50	650000	3750	CP-OFDM 256 QAM	1@1	16.08	16.32	19.21	19.22	0.0836
78	15	50	650000	3750	CP-OFDM 256 QAM	1@268	16.23	16.53	19.39	19.4	0.0871
78	15	50	651666	3774.99	CP-OFDM QPSK	135@67	21.08	21.4	24.25	24.26	0.2667
78	15	50	651666	3774.99	CP-OFDM QPSK	1@1	20.91	21.1	24.02	24.03	0.2529
78	15	50	651666	3774.99	CP-OFDM QPSK	1@268	20.88	21.29	24.10	24.11	0.2576
78	15	50	651666	3774.99	CP-OFDM 16 QAM	135@67	20.64	20.82	23.74	23.75	0.2371
78	15	50	651666	3774.99	CP-OFDM 16 QAM	1@1	20.77	20.67	23.73	23.74	0.2366
78	15	50	651666	3774.99	CP-OFDM 16 QAM	1@268	20.73	20.8	23.78	23.79	0.2393
78	15	50	651666	3774.99	CP-OFDM 64 QAM	135@67	19.12	19.35	22.25	22.26	0.1683
78	15	50	651666	3774.99	CP-OFDM 64 QAM	1@1	18.82	18.99	21.92	21.93	0.1560
78	15	50	651666	3774.99	CP-OFDM 64 QAM	1@268	18.87	19.24	22.07	22.08	0.1614
78	15	50	651666	3774.99	CP-OFDM 256 QAM	135@67	16.12	16.38	19.26	19.27	0.0845
78	15	50	651666	3774.99	CP-OFDM 256 QAM	1@1	16.05	16.34	19.21	19.22	0.0836
78	15	50	651666	3774.99	CP-OFDM 256 QAM	1@268	16.14	16.6	19.39	19.4	0.0871



Software Version: 23.06.1602

FR1 n78 UL MIMO(Ant 5+6)-30 kHz

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=0.01dBi

NR Band	SCS	Bandwidth	Arfcn	Freq(M Hz)	Modulation	RB	ANT5 Power(dBm)	ANT6 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	10	647000	3705	CP-OFDM QPSK	12@6	21.06	21.17	24.13	24.14	0.2594
78	30	10	647000	3705	CP-OFDM QPSK	1@1	21.1	21.04	24.08	24.09	0.2564
78	30	10	647000	3705	CP-OFDM QPSK	1@22	21.08	21.08	24.09	24.10	0.2570
78	30	10	647000	3705	CP-OFDM 16 QAM	12@6	20.76	20.7	23.74	23.75	0.2371
78	30	10	647000	3705	CP-OFDM 16 QAM	1@1	20.48	20.46	23.48	23.49	0.2234
78	30	10	647000	3705	CP-OFDM 16 QAM	1@22	20.55	20.59	23.58	23.59	0.2286
78	30	10	650000	3750	CP-OFDM QPSK	12@6	21.08	21.26	24.18	24.19	0.2624
78	30	10	650000	3750	CP-OFDM QPSK	1@1	21.08	21.09	24.10	24.11	0.2576
78	30	10	650000	3750	CP-OFDM QPSK	1@22	21.05	21.16	24.12	24.13	0.2588
78	30	10	650000	3750	CP-OFDM 16 QAM	12@6	20.68	20.78	23.74	23.75	0.2371
78	30	10	650000	3750	CP-OFDM 16 QAM	1@1	20.52	20.62	23.58	23.59	0.2286
78	30	10	650000	3750	CP-OFDM 16 QAM	1@22	20.48	20.64	23.57	23.58	0.2280
78	30	10	653000	3795	CP-OFDM QPSK	12@6	20.94	21.25	24.11	24.12	0.2582
78	30	10	653000	3795	CP-OFDM QPSK	1@1	20.97	21.22	24.11	24.12	0.2582
78	30	10	653000	3795	CP-OFDM QPSK	1@22	20.98	21.17	24.09	24.10	0.2570
78	30	10	653000	3795	CP-OFDM 16 QAM	12@6	20.65	20.87	23.77	23.78	0.2388
78	30	10	653000	3795	CP-OFDM 16 QAM	1@1	20.46	20.75	23.62	23.63	0.2307
78	30	10	653000	3795	CP-OFDM 16 QAM	1@22	20.45	20.74	23.61	23.62	0.2301
78	30	15	647168	3707.52	CP-OFDM QPSK	19@9	20.95	21.08	24.03	24.04	0.2535
78	30	15	647168	3707.52	CP-OFDM QPSK	1@1	21.04	20.93	24.00	24.01	0.2518
78	30	15	647168	3707.52	CP-OFDM QPSK	1@36	21.14	20.97	24.07	24.08	0.2559
78	30	15	647168	3707.52	CP-OFDM 16 QAM	19@9	20.76	20.57	23.68	23.69	0.2339
78	30	15	647168	3707.52	CP-OFDM 16 QAM	1@1	20.62	20.52	23.58	23.59	0.2286
78	30	15	647168	3707.52	CP-OFDM 16 QAM	1@36	20.61	20.5	23.57	23.58	0.2280
78	30	15	650000	3750	CP-OFDM QPSK	19@9	20.92	21.21	24.08	24.09	0.2564
78	30	15	650000	3750	CP-OFDM QPSK	1@1	21.03	21	24.03	24.04	0.2535
78	30	15	650000	3750	CP-OFDM QPSK	1@36	21.06	21.11	24.10	24.11	0.2576
78	30	15	650000	3750	CP-OFDM 16 QAM	19@9	20.56	20.66	23.62	23.63	0.2307



78	30	15	650000	3750	CP-OFDM 16 QAM	1@1	20.6	20.47	23.55	23.56	0.2270
78	30	15	650000	3750	CP-OFDM 16 QAM	1@36	20.65	20.63	23.65	23.66	0.2323
78	30	15	652832	3792.48	CP-OFDM QPSK	19@9	20.93	21.23	24.09	24.10	0.2570
78	30	15	652832	3792.48	CP-OFDM QPSK	1@1	20.99	21.2	24.11	24.12	0.2582
78	30	15	652832	3792.48	CP-OFDM QPSK	1@36	21.03	21.22	24.14	24.15	0.2600
78	30	15	652832	3792.48	CP-OFDM 16 QAM	19@9	20.67	20.82	23.76	23.77	0.2382
78	30	15	652832	3792.48	CP-OFDM 16 QAM	1@1	20.56	20.77	23.68	23.69	0.2339
78	30	15	652832	3792.48	CP-OFDM 16 QAM	1@36	20.62	20.72	23.68	23.69	0.2339
78	30	20	647334	3710.01	CP-OFDM QPSK	25@12	21.11	21.23	24.18	24.19	0.2624
78	30	20	647334	3710.01	CP-OFDM QPSK	1@1	21.1	20.98	24.05	24.06	0.2547
78	30	20	647334	3710.01	CP-OFDM QPSK	1@49	21.1	21.01	24.07	24.08	0.2559
78	30	20	647334	3710.01	CP-OFDM 16 QAM	25@12	20.59	20.63	23.62	23.63	0.2307
78	30	20	647334	3710.01	CP-OFDM 16 QAM	1@1	20.64	20.49	23.58	23.59	0.2286
78	30	20	647334	3710.01	CP-OFDM 16 QAM	1@49	20.67	20.5	23.60	23.61	0.2296
78	30	20	650000	3750	CP-OFDM QPSK	25@12	21.08	21.17	24.14	24.15	0.2600
78	30	20	650000	3750	CP-OFDM QPSK	1@1	21.03	20.94	24.00	24.01	0.2518
78	30	20	650000	3750	CP-OFDM QPSK	1@49	20.99	21.07	24.04	24.05	0.2541
78	30	20	650000	3750	CP-OFDM 16 QAM	25@12	20.58	20.63	23.62	23.63	0.2307
78	30	20	650000	3750	CP-OFDM 16 QAM	1@1	20.58	20.47	23.54	23.55	0.2265
78	30	20	650000	3750	CP-OFDM 16 QAM	1@49	20.57	20.57	23.58	23.59	0.2286
78	30	20	652666	3789.99	CP-OFDM QPSK	25@12	21.04	21.36	24.21	24.22	0.2642
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	20.99	21.12	24.07	24.08	0.2559
78	30	20	652666	3789.99	CP-OFDM QPSK	1@49	20.96	21.18	24.08	24.09	0.2564
78	30	20	652666	3789.99	CP-OFDM 16 QAM	25@12	20.57	20.88	23.74	23.75	0.2371
78	30	20	652666	3789.99	CP-OFDM 16 QAM	1@1	20.54	20.72	23.64	23.65	0.2317
78	30	20	652666	3789.99	CP-OFDM 16 QAM	1@49	20.56	20.74	23.66	23.67	0.2328
78	30	25	647500	3712.5	CP-OFDM QPSK	33@16	21.12	21.16	24.15	24.16	0.2606
78	30	25	647500	3712.5	CP-OFDM QPSK	1@1	21.16	21.07	24.13	24.14	0.2594
78	30	25	647500	3712.5	CP-OFDM QPSK	1@63	21.11	21.1	24.12	24.13	0.2588
78	30	25	647500	3712.5	CP-OFDM 16 QAM	33@16	20.72	20.73	23.74	23.75	0.2371
78	30	25	647500	3712.5	CP-OFDM 16 QAM	1@1	20.72	20.52	23.63	23.64	0.2312
78	30	25	647500	3712.5	CP-OFDM 16 QAM	1@63	20.66	20.61	23.65	23.66	0.2323
78	30	25	650000	3750	CP-OFDM QPSK	33@16	20.95	21.12	24.05	24.06	0.2547
78	30	25	650000	3750	CP-OFDM QPSK	1@1	21.08	21.05	24.08	24.09	0.2564
78	30	25	650000	3750	CP-OFDM QPSK	1@63	21.07	21.14	24.12	24.13	0.2588



78	30	25	650000	3750	CP-OFDM 16 QAM	33@16	20.58	20.72	23.66	23.67	0.2328
78	30	25	650000	3750	CP-OFDM 16 QAM	1@1	20.58	20.51	23.56	23.57	0.2275
78	30	25	650000	3750	CP-OFDM 16 QAM	1@63	20.63	20.56	23.61	23.62	0.2301
78	30	25	652500	3787.5	CP-OFDM QPSK	33@16	20.92	21.22	24.08	24.09	0.2564
78	30	25	652500	3787.5	CP-OFDM QPSK	1@1	20.99	21.12	24.07	24.08	0.2559
78	30	25	652500	3787.5	CP-OFDM QPSK	1@63	20.94	21.19	24.08	24.09	0.2564
78	30	25	652500	3787.5	CP-OFDM 16 QAM	33@16	20.59	20.8	23.71	23.72	0.2355
78	30	25	652500	3787.5	CP-OFDM 16 QAM	1@1	20.46	20.64	23.56	23.57	0.2275
78	30	25	652500	3787.5	CP-OFDM 16 QAM	1@63	20.54	20.69	23.63	23.64	0.2312
78	30	30	647668	3715.02	CP-OFDM QPSK	39@19	21.21	21.16	24.20	24.21	0.2636
78	30	30	647668	3715.02	CP-OFDM QPSK	1@1	21.13	20.96	24.06	24.07	0.2553
78	30	30	647668	3715.02	CP-OFDM QPSK	1@76	21.2	21.1	24.16	24.17	0.2612
78	30	30	647668	3715.02	CP-OFDM 16 QAM	39@19	20.63	20.67	23.66	23.67	0.2328
78	30	30	647668	3715.02	CP-OFDM 16 QAM	1@1	20.63	20.5	23.58	23.59	0.2286
78	30	30	647668	3715.02	CP-OFDM 16 QAM	1@76	20.7	20.59	23.66	23.67	0.2328
78	30	30	650000	3750	CP-OFDM QPSK	39@19	21.13	21.19	24.17	24.18	0.2618
78	30	30	650000	3750	CP-OFDM QPSK	1@1	21.16	21.06	24.12	24.13	0.2588
78	30	30	650000	3750	CP-OFDM QPSK	1@76	21.1	21.21	24.17	24.18	0.2618
78	30	30	650000	3750	CP-OFDM 16 QAM	39@19	20.63	20.81	23.73	23.74	0.2366
78	30	30	650000	3750	CP-OFDM 16 QAM	1@1	20.65	20.57	23.62	23.63	0.2307
78	30	30	650000	3750	CP-OFDM 16 QAM	1@76	20.64	20.74	23.70	23.71	0.2350
78	30	30	652332	3784.98	CP-OFDM QPSK	39@19	21.12	21.4	24.27	24.28	0.2679
78	30	30	652332	3784.98	CP-OFDM QPSK	1@1	21.11	21.21	24.17	24.18	0.2618
78	30	30	652332	3784.98	CP-OFDM QPSK	1@76	21.12	21.29	24.22	24.23	0.2649
78	30	30	652332	3784.98	CP-OFDM 16 QAM	39@19	20.65	21.03	23.85	23.86	0.2432
78	30	30	652332	3784.98	CP-OFDM 16 QAM	1@1	20.63	20.77	23.71	23.72	0.2355
78	30	30	652332	3784.98	CP-OFDM 16 QAM	1@76	20.63	20.84	23.75	23.76	0.2377
78	30	40	648000	3720	CP-OFDM QPSK	53@26	21.25	21.22	24.25	24.26	0.2667
78	30	40	648000	3720	CP-OFDM QPSK	1@1	21.17	21.05	24.12	24.13	0.2588
78	30	40	648000	3720	CP-OFDM QPSK	1@104	21.17	21.12	24.16	24.17	0.2612
78	30	40	648000	3720	CP-OFDM 16 QAM	53@26	20.76	20.76	23.77	23.78	0.2388
78	30	40	648000	3720	CP-OFDM 16 QAM	1@1	20.75	20.6	23.69	23.70	0.2344
78	30	40	648000	3720	CP-OFDM 16 QAM	1@104	20.72	20.68	23.71	23.72	0.2355
78	30	40	650000	3750	CP-OFDM QPSK	53@26	21.13	21.19	24.17	24.18	0.2618
78	30	40	650000	3750	CP-OFDM QPSK	1@1	21.08	21.04	24.07	24.08	0.2559



78	30	40	650000	3750	CP-OFDM QPSK	1@104	21.15	21.23	24.20	24.21	0.2636
78	30	40	650000	3750	CP-OFDM 16 QAM	53@26	20.69	20.78	23.75	23.76	0.2377
78	30	40	650000	3750	CP-OFDM 16 QAM	1@1	20.66	20.58	23.63	23.64	0.2312
78	30	40	650000	3750	CP-OFDM 16 QAM	1@104	20.65	20.75	23.71	23.72	0.2355
78	30	40	652000	3780	CP-OFDM QPSK	53@26	21.09	21.27	24.19	24.20	0.2630
78	30	40	652000	3780	CP-OFDM QPSK	1@1	20.99	21.06	24.04	24.05	0.2541
78	30	40	652000	3780	CP-OFDM QPSK	1@104	21.04	21.3	24.18	24.19	0.2624
78	30	40	652000	3780	CP-OFDM 16 QAM	53@26	20.63	20.91	23.78	23.79	0.2393
78	30	40	652000	3780	CP-OFDM 16 QAM	1@1	20.54	20.58	23.57	23.58	0.2280
78	30	40	652000	3780	CP-OFDM 16 QAM	1@104	20.59	20.8	23.71	23.72	0.2355
78	30	50	648334	3725.01	CP-OFDM QPSK	67@33	21.17	21.15	24.17	24.18	0.2618
78	30	50	648334	3725.01	CP-OFDM QPSK	1@1	21.11	20.96	24.05	24.06	0.2547
78	30	50	648334	3725.01	CP-OFDM QPSK	1@131	21.06	21.1	24.09	24.10	0.2570
78	30	50	648334	3725.01	CP-OFDM 16 QAM	67@33	20.6	20.7	23.66	23.67	0.2328
78	30	50	648334	3725.01	CP-OFDM 16 QAM	1@1	20.58	20.47	23.54	23.55	0.2265
78	30	50	648334	3725.01	CP-OFDM 16 QAM	1@131	20.6	20.64	23.63	23.64	0.2312
78	30	50	650000	3750	CP-OFDM QPSK	67@33	21.16	21.23	24.21	24.22	0.2642
78	30	50	650000	3750	CP-OFDM QPSK	1@1	21.06	21.03	24.06	24.07	0.2553
78	30	50	650000	3750	CP-OFDM QPSK	1@131	21.08	21.25	24.18	24.19	0.2624
78	30	50	650000	3750	CP-OFDM 16 QAM	67@33	20.63	20.71	23.68	23.69	0.2339
78	30	50	650000	3750	CP-OFDM 16 QAM	1@1	20.63	20.57	23.61	23.62	0.2301
78	30	50	650000	3750	CP-OFDM 16 QAM	1@131	20.56	20.72	23.65	23.66	0.2323
78	30	50	651666	3774.99	CP-OFDM QPSK	67@33	21.16	21.44	24.31	24.32	0.2704
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	21.06	21.15	24.12	24.13	0.2588
78	30	50	651666	3774.99	CP-OFDM QPSK	1@131	21.03	21.29	24.17	24.18	0.2618
78	30	50	651666	3774.99	CP-OFDM 16 QAM	67@33	20.67	20.86	23.78	23.79	0.2393
78	30	50	651666	3774.99	CP-OFDM 16 QAM	1@1	20.58	20.7	23.65	23.66	0.2323
78	30	50	651666	3774.99	CP-OFDM 16 QAM	1@131	20.48	20.77	23.64	23.65	0.2317
78	30	60	648668	3730.02	CP-OFDM QPSK	81@40	21.08	21.07	24.09	24.10	0.2570
78	30	60	648668	3730.02	CP-OFDM QPSK	1@1	21.14	21.04	24.10	24.11	0.2576
78	30	60	648668	3730.02	CP-OFDM QPSK	1@160	21.12	21.19	24.17	24.18	0.2618
78	30	60	648668	3730.02	CP-OFDM 16 QAM	81@40	20.59	20.6	23.61	23.62	0.2301
78	30	60	648668	3730.02	CP-OFDM 16 QAM	1@1	20.7	20.6	23.66	23.67	0.2328
78	30	60	648668	3730.02	CP-OFDM 16 QAM	1@160	20.62	20.79	23.72	23.73	0.2360
78	30	60	650000	3750	CP-OFDM QPSK	81@40	21.1	21.16	24.14	24.15	0.2600



78	30	60	650000	3750	CP-OFDM QPSK	1@1	21.11	21.07	24.10	24.11	0.2576
78	30	60	650000	3750	CP-OFDM QPSK	1@160	21.11	21.29	24.21	24.22	0.2642
78	30	60	650000	3750	CP-OFDM 16 QAM	81@40	20.58	20.65	23.63	23.64	0.2312
78	30	60	650000	3750	CP-OFDM 16 QAM	1@1	20.69	20.62	23.67	23.68	0.2333
78	30	60	650000	3750	CP-OFDM 16 QAM	1@160	20.62	20.84	23.74	23.75	0.2371
78	30	60	651332	3769.98	CP-OFDM QPSK	81@40	21.01	21.24	24.14	24.15	0.2600
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	21.01	21.06	24.05	24.06	0.2547
78	30	60	651332	3769.98	CP-OFDM QPSK	1@160	21.1	21.31	24.22	24.23	0.2649
78	30	60	651332	3769.98	CP-OFDM 16 QAM	81@40	20.54	20.8	23.68	23.69	0.2339
78	30	60	651332	3769.98	CP-OFDM 16 QAM	1@1	20.58	20.64	23.62	23.63	0.2307
78	30	60	651332	3769.98	CP-OFDM 16 QAM	1@160	20.64	20.87	23.77	23.78	0.2388
78	30	70	649000	3735	CP-OFDM QPSK	95@47	21.16	21.07	24.13	24.14	0.2594
78	30	70	649000	3735	CP-OFDM QPSK	1@1	21.16	21	24.09	24.10	0.2570
78	30	70	649000	3735	CP-OFDM QPSK	1@187	21.19	21.31	24.26	24.27	0.2673
78	30	70	649000	3735	CP-OFDM 16 QAM	95@47	20.64	20.63	23.65	23.66	0.2323
78	30	70	649000	3735	CP-OFDM 16 QAM	1@1	20.81	20.63	23.73	23.74	0.2366
78	30	70	649000	3735	CP-OFDM 16 QAM	1@187	20.74	20.87	23.82	23.83	0.2415
78	30	70	650000	3750	CP-OFDM QPSK	95@47	21.15	21.22	24.20	24.21	0.2636
78	30	70	650000	3750	CP-OFDM QPSK	1@1	21.21	21.16	24.20	24.21	0.2636
78	30	70	650000	3750	CP-OFDM QPSK	1@187	21.24	21.38	24.32	24.33	0.2710
78	30	70	650000	3750	CP-OFDM 16 QAM	95@47	20.67	20.75	23.72	23.73	0.2360
78	30	70	650000	3750	CP-OFDM 16 QAM	1@1	20.82	20.69	23.77	23.78	0.2388
78	30	70	650000	3750	CP-OFDM 16 QAM	1@187	20.66	20.93	23.81	23.82	0.2410
78	30	70	651000	3765	CP-OFDM QPSK	95@47	21.04	21.19	24.13	24.14	0.2594
78	30	70	651000	3765	CP-OFDM QPSK	1@1	21.13	21.01	24.08	24.09	0.2564
78	30	70	651000	3765	CP-OFDM QPSK	1@187	21.23	21.37	24.31	24.32	0.2704
78	30	70	651000	3765	CP-OFDM 16 QAM	95@47	20.59	20.73	23.67	23.68	0.2333
78	30	70	651000	3765	CP-OFDM 16 QAM	1@1	20.69	20.63	23.67	23.68	0.2333
78	30	70	651000	3765	CP-OFDM 16 QAM	1@187	20.74	20.94	23.85	23.86	0.2432
78	30	80	649334	3740.01	CP-OFDM QPSK	109@54	21.13	21.15	24.15	24.16	0.2606
78	30	80	649334	3740.01	CP-OFDM QPSK	1@1	21.31	21.22	24.28	24.29	0.2685
78	30	80	649334	3740.01	CP-OFDM QPSK	1@215	21.25	21.41	24.34	24.35	0.2723
78	30	80	649334	3740.01	CP-OFDM 16 QAM	109@54	20.64	20.69	23.68	23.69	0.2339
78	30	80	649334	3740.01	CP-OFDM 16 QAM	1@1	20.82	20.72	23.78	23.79	0.2393
78	30	80	649334	3740.01	CP-OFDM 16 QAM	1@215	20.73	21	23.88	23.89	0.2449



78	30	80	650000	3750	CP-OFDM QPSK	109@54	21.14	21.23	24.20	24.21	0.2636
78	30	80	650000	3750	CP-OFDM QPSK	1@1	21.24	21.21	24.24	24.25	0.2661
78	30	80	650000	3750	CP-OFDM QPSK	1@215	21.27	21.42	24.36	24.37	0.2735
78	30	80	650000	3750	CP-OFDM 16 QAM	109@54	20.65	20.74	23.71	23.72	0.2355
78	30	80	650000	3750	CP-OFDM 16 QAM	1@1	20.88	20.83	23.87	23.88	0.2443
78	30	80	650000	3750	CP-OFDM 16 QAM	1@215	20.82	20.98	23.91	23.92	0.2466
78	30	80	650666	3759.99	CP-OFDM QPSK	109@54	21.13	21.29	24.22	24.23	0.2649
78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	21.21	21.18	24.21	24.22	0.2642
78	30	80	650666	3759.99	CP-OFDM QPSK	1@215	21.21	21.35	24.29	24.30	0.2692
78	30	80	650666	3759.99	CP-OFDM 16 QAM	109@54	20.64	20.78	23.72	23.73	0.2360
78	30	80	650666	3759.99	CP-OFDM 16 QAM	1@1	20.85	20.75	23.81	23.82	0.2410
78	30	80	650666	3759.99	CP-OFDM 16 QAM	1@215	20.72	21.04	23.89	23.90	0.2455
78	30	90	649668	3745.02	CP-OFDM QPSK	123@61	21.07	21.18	24.14	24.15	0.2600
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	21.27	21.16	24.23	24.24	0.2655
78	30	90	649668	3745.02	CP-OFDM QPSK	1@243	21.37	21.25	24.32	24.33	0.2710
78	30	90	649668	3745.02	CP-OFDM 16 QAM	123@61	20.57	20.65	23.62	23.63	0.2307
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@1	20.76	20.73	23.76	23.77	0.2382
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@243	20.81	21.07	23.95	23.96	0.2489
78	30	90	650000	3750	CP-OFDM QPSK	123@61	21.16	21.18	24.18	24.19	0.2624
78	30	90	650000	3750	CP-OFDM QPSK	1@1	21.32	21.24	24.29	24.30	0.2692
78	30	90	650000	3750	CP-OFDM QPSK	1@243	21.26	21.47	24.38	24.39	0.2748
78	30	90	650000	3750	CP-OFDM 16 QAM	123@61	20.64	20.75	23.71	23.72	0.2355
78	30	90	650000	3750	CP-OFDM 16 QAM	1@1	20.84	20.8	23.83	23.84	0.2421
78	30	90	650000	3750	CP-OFDM 16 QAM	1@243	20.82	21.07	23.96	23.97	0.2495
78	30	90	650332	3754.98	CP-OFDM QPSK	123@61	21.22	21.25	24.25	24.26	0.2667
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	21.39	21.27	24.34	24.35	0.2723
78	30	90	650332	3754.98	CP-OFDM QPSK	1@243	21.17	21.38	24.29	24.30	0.2692
78	30	90	650332	3754.98	CP-OFDM 16 QAM	123@61	20.72	20.81	23.78	23.79	0.2393
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@1	20.93	20.88	23.92	23.93	0.2472
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@243	20.69	21.04	23.88	23.89	0.2449
78	30	100	650000	3750	CP-OFDM QPSK	137@68	21.14	21.25	24.21	24.22	0.2642
78	30	100	650000	3750	CP-OFDM QPSK	1@1	21.3	21.26	24.29	24.30	0.2692
78	30	100	650000	3750	CP-OFDM QPSK	1@271	21.37	21.52	24.46	24.47	0.2799
78	30	100	650000	3750	CP-OFDM 16 QAM	137@68	20.66	20.76	23.72	23.73	0.2360
78	30	100	650000	3750	CP-OFDM 16 QAM	1@1	20.94	20.77	23.87	23.88	0.2443



78	30	100	650000	3750	CP-OFDM 16 QAM	1@271	20.69	20.9	23.81	23.82	0.2410
78	30	100	650000	3750	CP-OFDM 64 QAM	137@68	19.15	19.21	22.19	22.20	0.1660
78	30	100	650000	3750	CP-OFDM 64 QAM	1@1	19.2	19.14	22.18	22.19	0.1656
78	30	100	650000	3750	CP-OFDM 64 QAM	1@271	19.25	19.38	22.33	22.34	0.1714
78	30	100	650000	3750	CP-OFDM 256 QAM	137@68	16.16	16.2	19.19	19.20	0.0832
78	30	100	650000	3750	CP-OFDM 256 QAM	1@1	16.23	16.39	19.32	19.33	0.0857
78	30	100	650000	3750	CP-OFDM 256 QAM	1@271	16.3	16.65	19.49	19.50	0.0891



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Shunping You	Temperature :	22~25℃
		Relative Humidity :	48~52%

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

n77 SA / NR 100MHz / QPSK (ANT5)									
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	7584	-59.62	-13	-46.62	-56.20	-61.14	11.98	13.50	H
	11376	-52.10	-13	-39.10	-57.64	-52.10	13.60	13.60	H
	15168	-52.72	-13	-39.72	-58.58	-52.32	15.50	15.10	H
	7584	-59.47	-13	-46.47	-55.84	-60.99	11.98	13.50	V
	11376	-52.48	-13	-39.48	-57.83	-52.48	13.60	13.60	V
	15168	-52.11	-13	-39.11	-58.28	-51.71	15.50	15.10	V

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

EN-DC_13A_n77A / LTE 20MHz + NR 100MHz / QPSK(1+5)									
Channel	Frequency (MHz)	ERP/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	7584	-58.13	-13	-45.13	-54.71	-59.65	11.98	13.50	H
	11376	-51.68	-13	-38.68	-57.22	-51.68	13.60	13.60	H
	15168	-52.16	-13	-39.16	-58.02	-51.76	15.50	15.10	H
	7584	-57.27	-13	-44.27	-53.64	-58.79	11.98	13.50	V
	11376	-52.00	-13	-39.00	-57.35	-52.00	13.60	13.60	V
	15168	-51.74	-13	-38.74	-57.91	-51.34	15.50	15.10	V
LTE Band13 Middle	1555	-65.51	-13	-52.51	-72.37	-68.76	4.00	9.40	H
	2332.5	-57.65	-13	-44.65	-68.51	-61.22	4.88	10.60	H
	3110	-60.36	-13	-47.36	-73.30	-65.29	5.52	12.60	H
	1555	-65.40	-13	-52.40	-72.47	-68.65	4.00	9.40	V
	2332.5	-57.28	-13	-44.28	-68.53	-60.85	4.88	10.60	V
	3110	-61.34	-13	-48.34	-74.79	-66.27	5.52	12.60	V

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



SA n77 UL MIMO / 100MHz / QPSK / ANT5+6									
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	7584	-57.82	-13	-44.82	-54.40	-59.34	11.98	13.50	H
	11376	-52.24	-13	-39.24	-57.78	-52.24	13.60	13.60	H
	15168	-52.67	-13	-39.67	-58.53	-52.27	15.50	15.10	H
	7584	-57.57	-13	-44.57	-53.94	-59.09	11.98	13.50	V
	11376	-52.52	-13	-39.52	-57.87	-52.52	13.60	13.60	V
	15168	-52.39	-13	-39.39	-58.56	-51.99	15.50	15.10	V

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