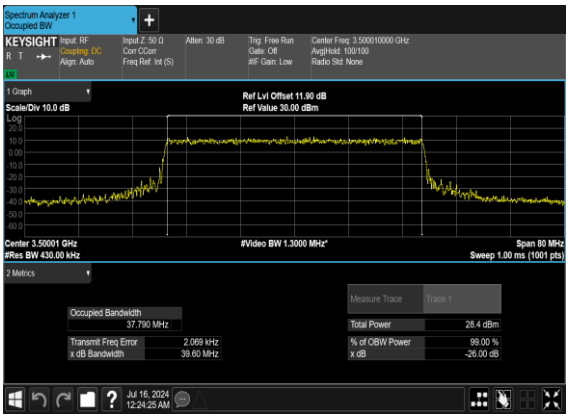
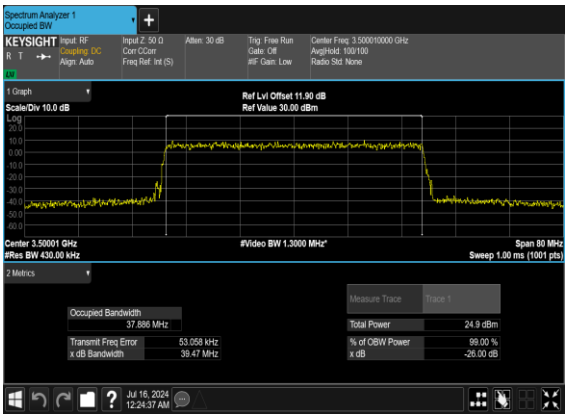
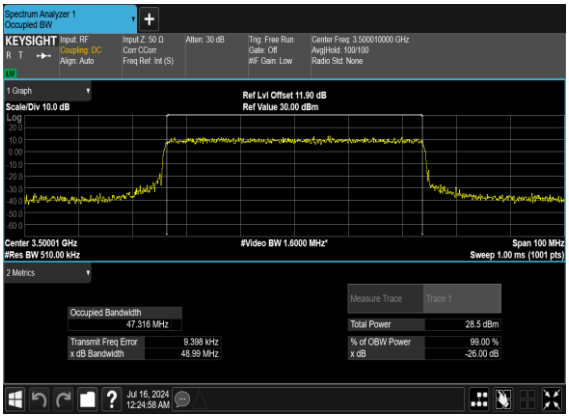
N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

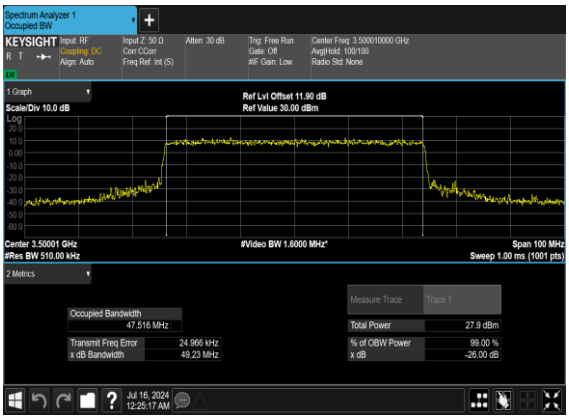


N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

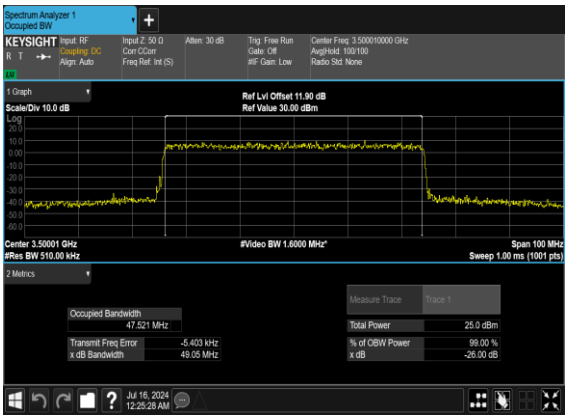


N77(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

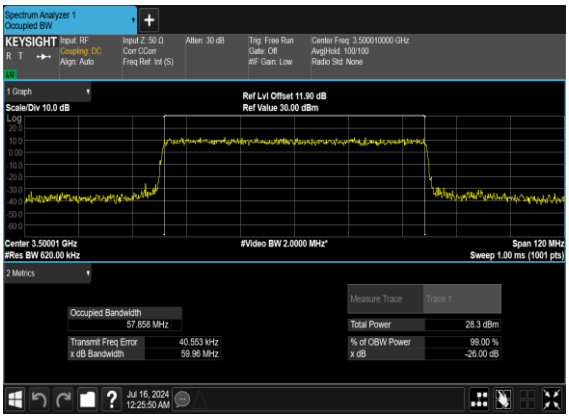
N77(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



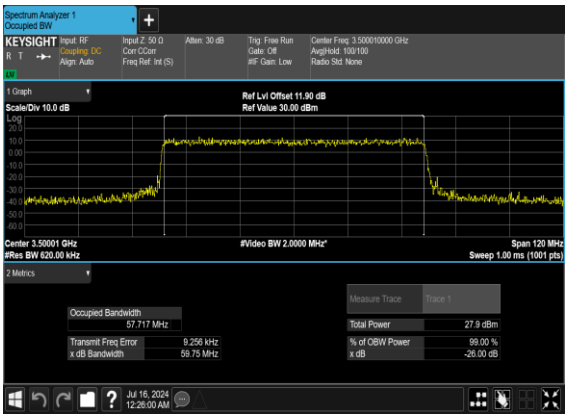
N77(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



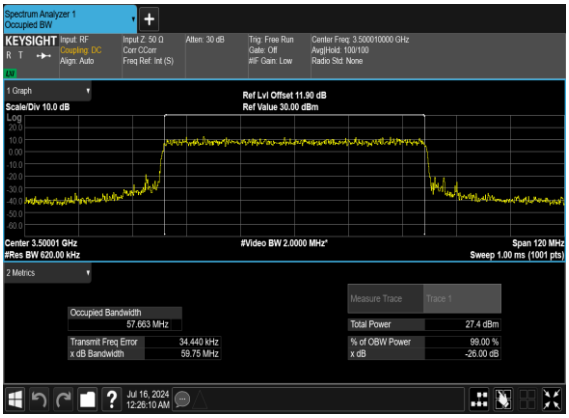
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

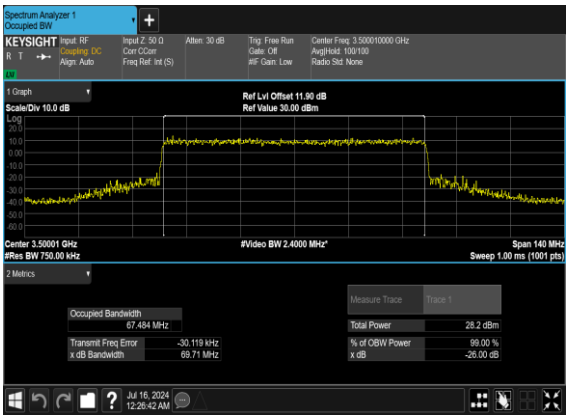


N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

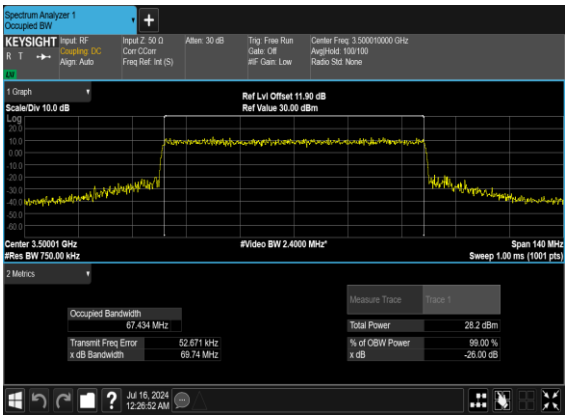


N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

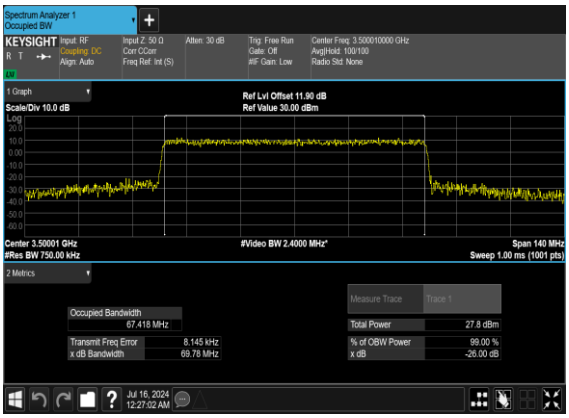
N77(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



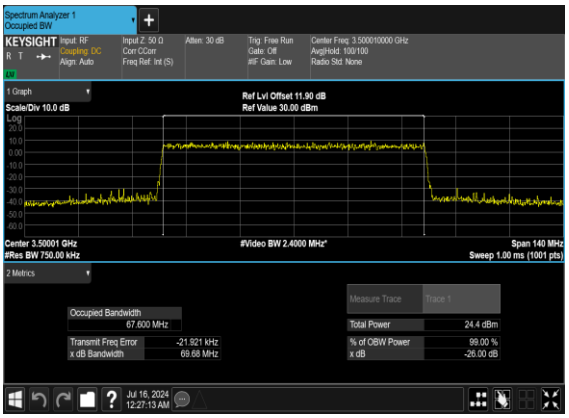
N77(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



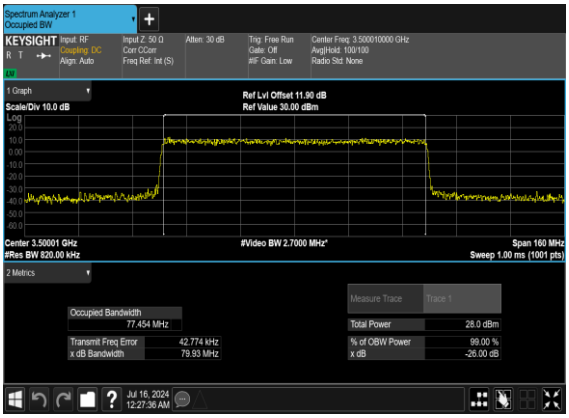
N77(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



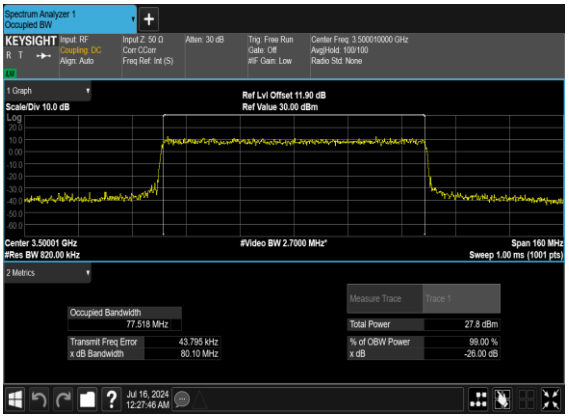
N77(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



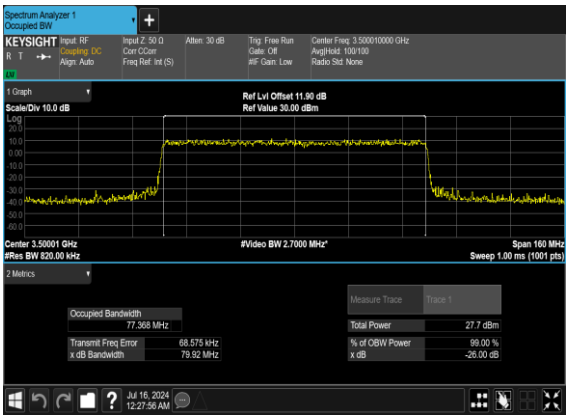
N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



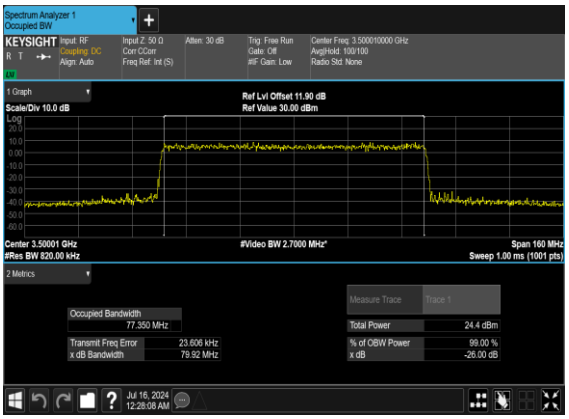
N77(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



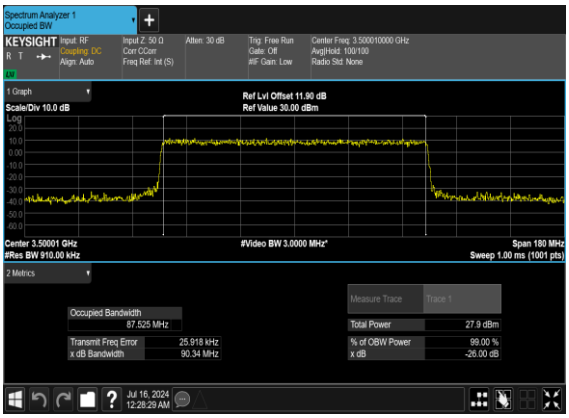
N77(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



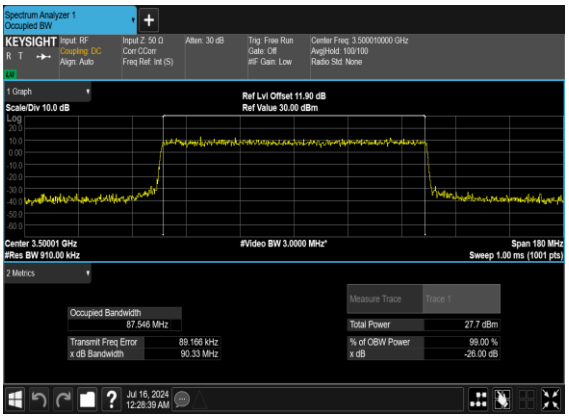
N77(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



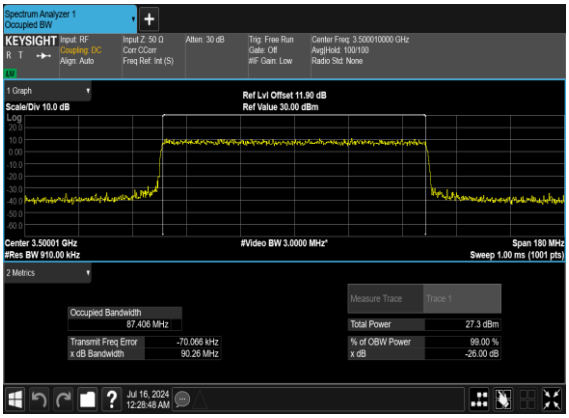
N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



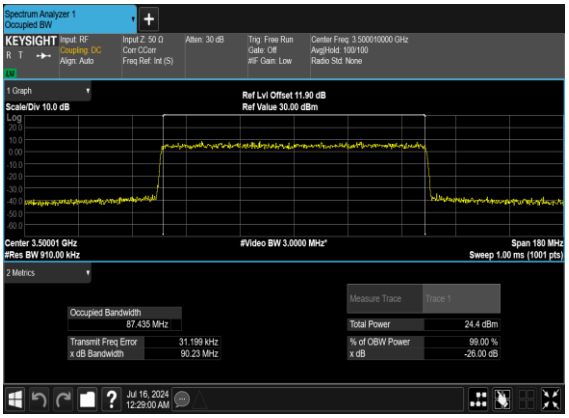
N77(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



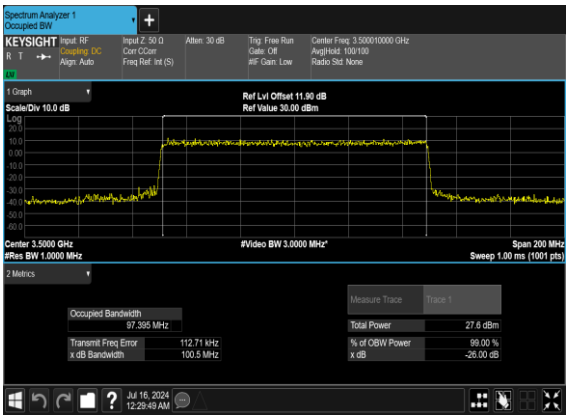
N77(90M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N77(90M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



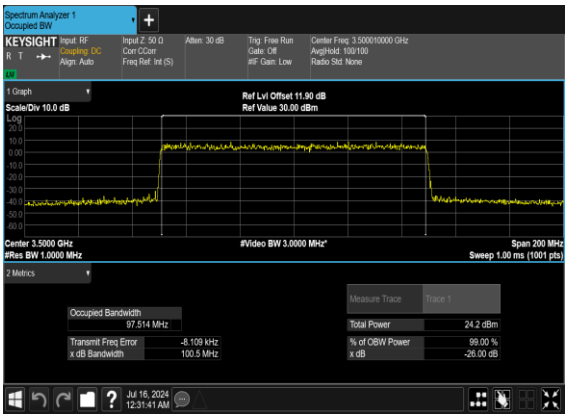
N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

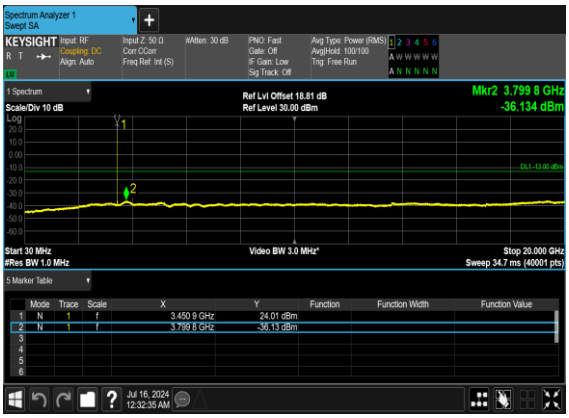
N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



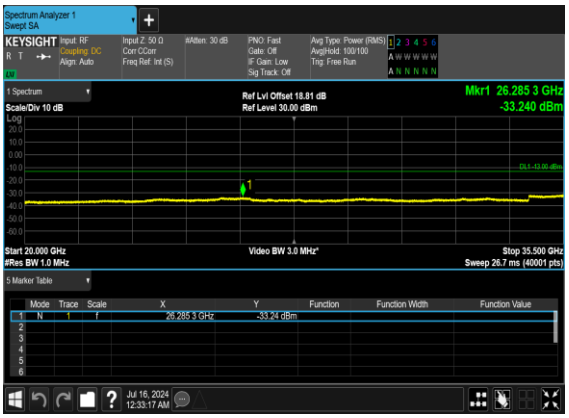
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**---**
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**---**
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	see graph	**---**
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	**---**
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**---**
77	30	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	**---**
77	30	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**---**
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**

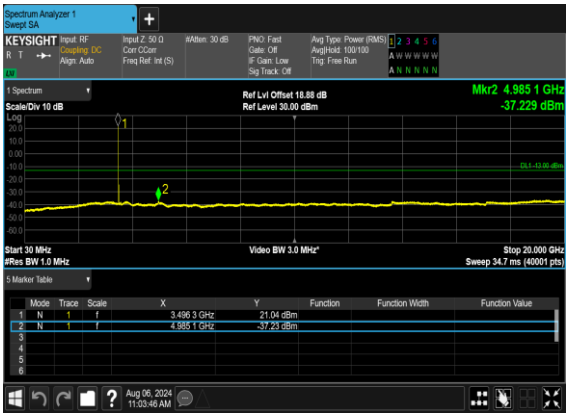
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



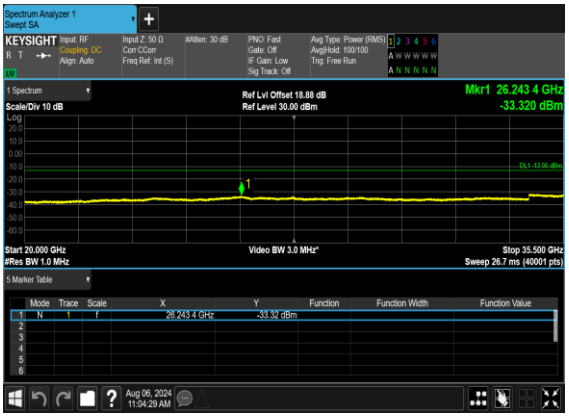
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



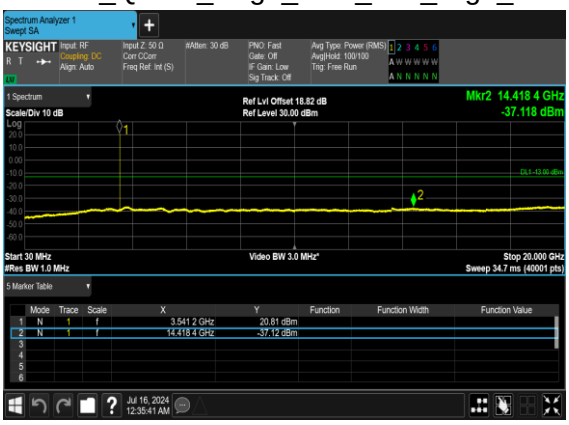
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



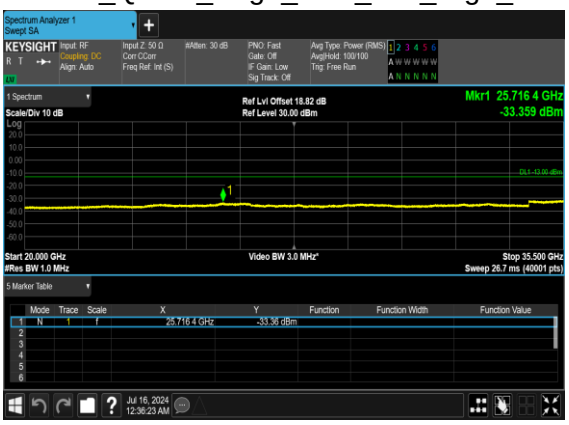
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



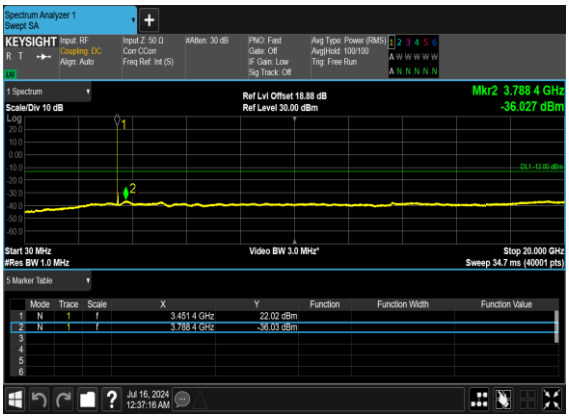
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



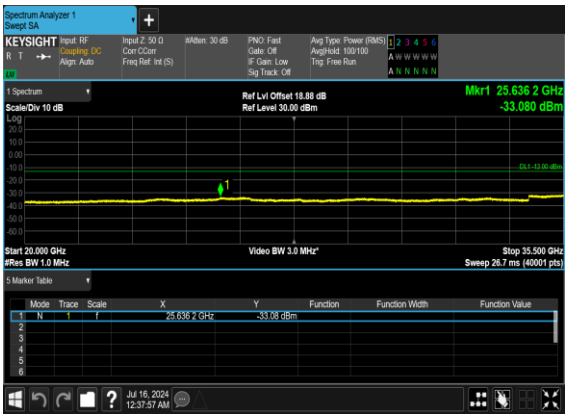
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



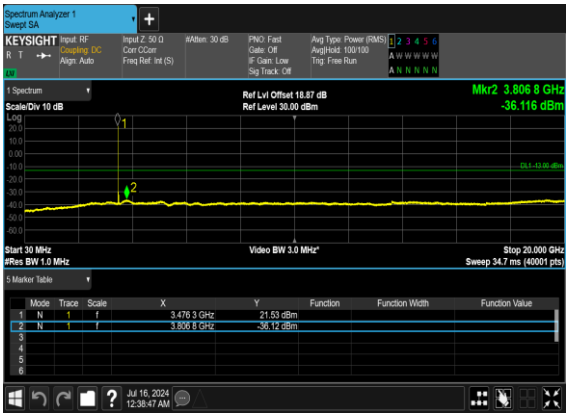
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



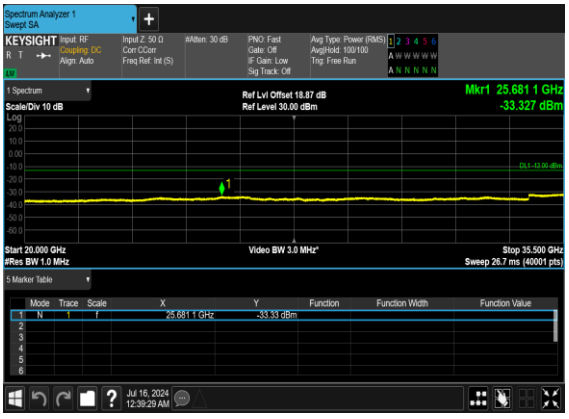
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



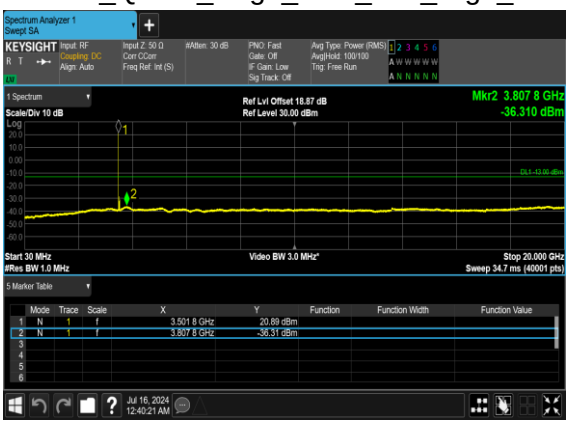
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



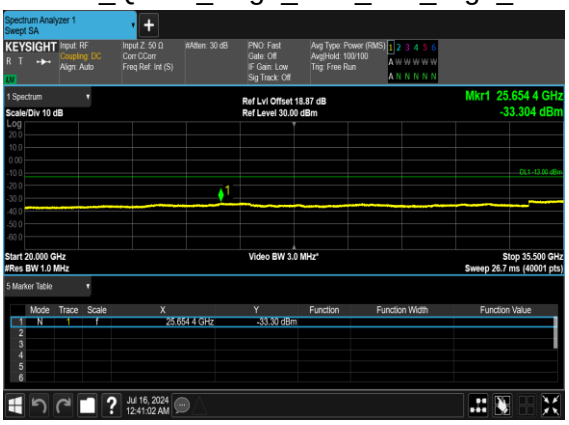
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



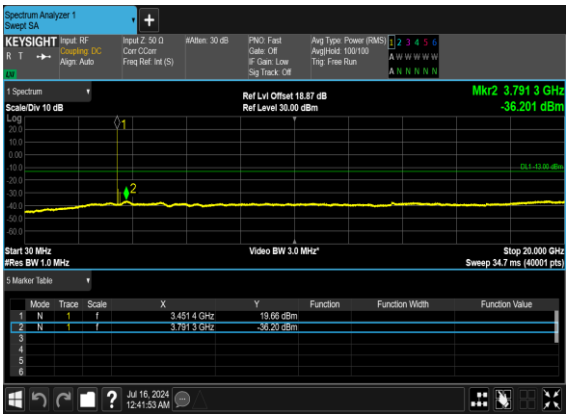
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



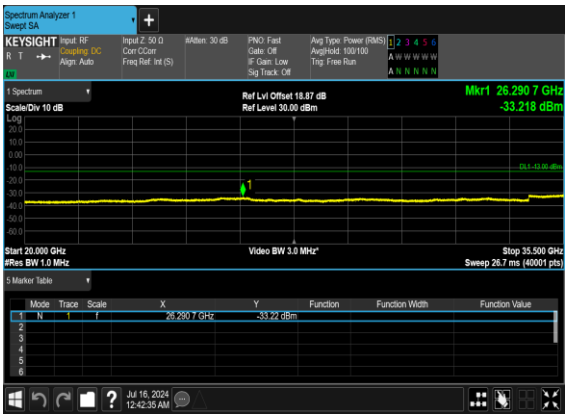
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



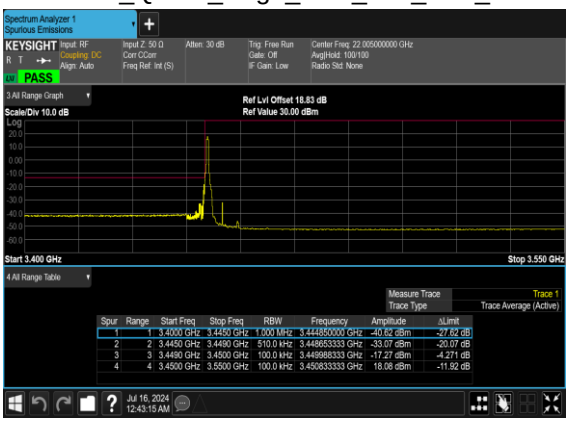
N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



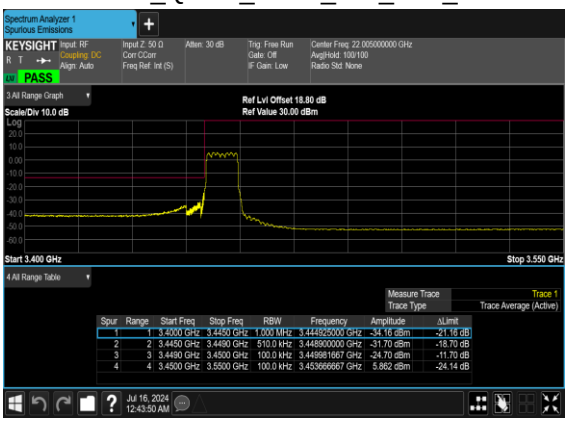
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	630334	3455.01	CP-OFDM QPSK	24@0	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM QPSK	1@23	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM QPSK	24@0	see graph	**PASS**
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	50	631668	3475.02	CP-OFDM QPSK	133@0	see graph	**PASS**
77	30	50	635000	3525.0	CP-OFDM QPSK	1@132	see graph	**PASS**
77	30	50	635000	3525.0	CP-OFDM QPSK	133@0	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM QPSK	1@272	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	see graph	**PASS**

N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



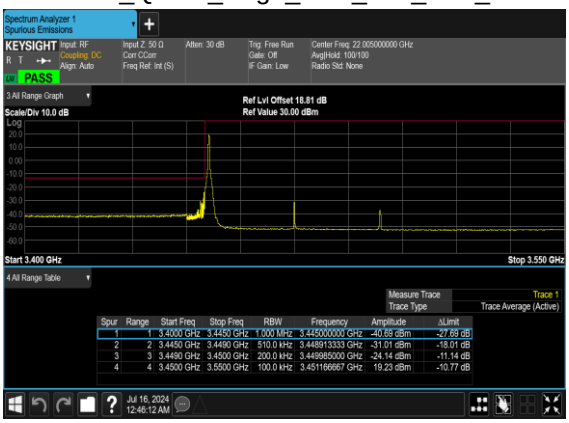
N77(10M)_CP-OFDM_QPSK_Outer_Full_Low_CH



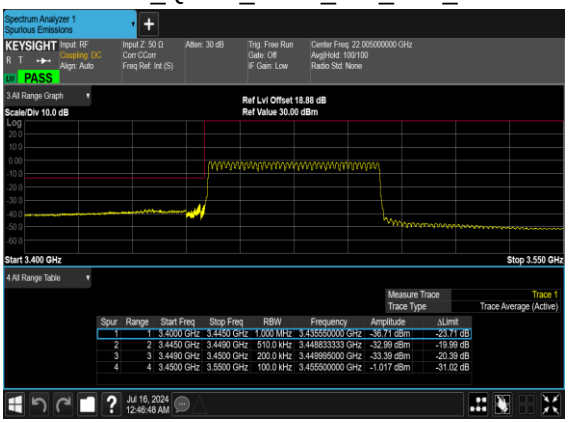
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH

N77(10M)_CP-OFDM_QPSK_Outer_Full_High_CH

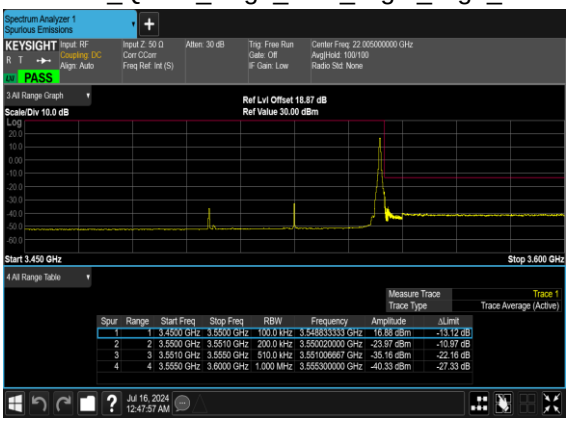
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



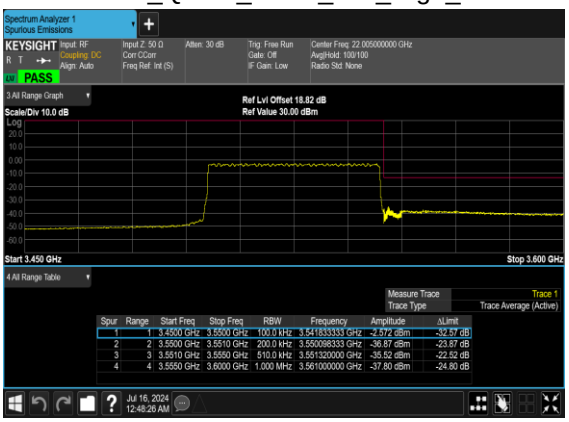
N77(50M)_CP-OFDM_QPSK_Outer_Full_Low_CH



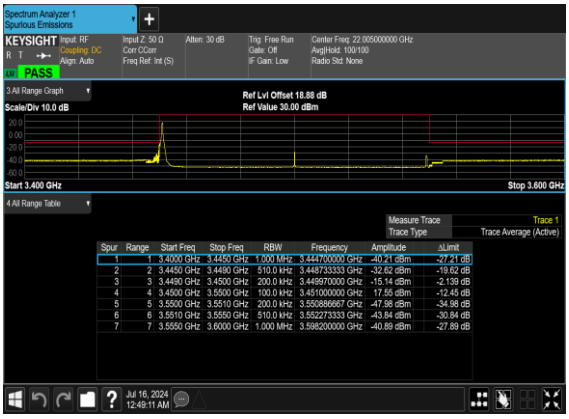
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(50M)_CP-OFDM_QPSK_Outer_Full_High_CH

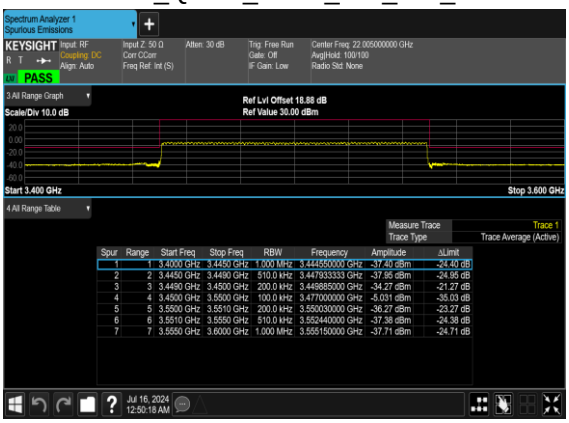


N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_CP-OFDM_QPSK_Edge_1RB_Right_Mid_CH

N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



Software Version: 23.06.1602

FR1 N78(ANT4)_SCS30kHz

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=2.9dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	24.98	27.88	0.6138
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	24.11	27.01	0.5023
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	25	27.9	0.6166
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.14	27.04	0.5058
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	25.19	28.09	0.6442
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	24.31	27.21	0.5260
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	25.13	28.03	0.6353
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	24.27	27.17	0.5212
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.17	28.07	0.6412
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.15	27.05	0.5070
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	25.2	28.1	0.6457
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	24.31	27.21	0.5260
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	25.3	28.2	0.6607
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	24.46	27.36	0.5445
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.09	27.99	0.6295
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.35	27.25	0.5309
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	25.2	28.1	0.6457
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	24.31	27.21	0.5260
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	25.28	28.18	0.6577
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	24.39	27.29	0.5358
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.26	28.16	0.6546
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.26	27.16	0.5200
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	25.25	28.15	0.6531
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	24.38	27.28	0.5346
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	25.36	28.26	0.6699
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	24.5	27.4	0.5495
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.28	28.18	0.6577
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.29	27.19	0.5236
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	25.24	28.14	0.6516
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	24.38	27.28	0.5346
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	24.98	27.88	0.6138
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	24.04	26.94	0.4943
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	25	27.9	0.6166
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.13	27.03	0.5047
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	24.9	27.8	0.6026
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	23.92	26.82	0.4808

78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	25.06	27.96	0.6252
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	24.21	27.11	0.5140
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.96	27.86	0.6109
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.1	27	0.5012
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	25.01	27.91	0.6180
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	24.17	27.07	0.5093
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	24.89	27.79	0.6012
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	23.96	26.86	0.4853
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.83	27.73	0.5929
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.99	26.89	0.4887
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	24.95	27.85	0.6095
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	24.06	26.96	0.4966
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	24.91	27.81	0.6039
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	24.04	26.94	0.4943
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.82	27.72	0.5916
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.97	26.87	0.4864
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	24.87	27.77	0.5984
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	23.94	26.84	0.4831
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	24.85	27.75	0.5957
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	24.03	26.93	0.4932
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.82	27.72	0.5916
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.96	26.86	0.4853
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	24.84	27.74	0.5943
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	23.95	26.85	0.4842
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.15	28.05	0.6383
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.37	28.27	0.6714
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	25.24	28.14	0.6516
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	25.14	28.04	0.6368
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.13	28.03	0.6353
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	25.23	28.13	0.6501
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	24.19	27.09	0.5117
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.29	27.19	0.5236
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	24.31	27.21	0.5260
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	22.69	25.59	0.3622
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	22.7	25.6	0.3631
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	22.8	25.7	0.3715
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	20.69	23.59	0.2286
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	20.63	23.53	0.2254
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	20.66	23.56	0.2270
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	23.66	26.56	0.4529
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	23.6	26.5	0.4467
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	23.72	26.62	0.4592

Software Version: 23.06.1602

FR1 N78 MIMO-ANT4+ANT6

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=2.9dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT4 Power(dBm)	ANT6 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	630334	3455.01	CP-OFDM QPSK	1@1	20.58	21.41	24.03	26.93	0.4932
78	30	10	630334	3455.01	CP-OFDM 16 QAM	1@1	20.11	21.2	23.70	26.6	0.4571
78	30	10	633334	3500.01	CP-OFDM QPSK	1@1	20.5	21.72	24.16	27.06	0.5082
78	30	10	633334	3500.01	CP-OFDM 16 QAM	1@1	20.13	20.95	23.57	26.47	0.4436
78	30	10	636332	3544.98	CP-OFDM QPSK	1@1	20.65	21.38	24.04	26.94	0.4943
78	30	10	636332	3544.98	CP-OFDM 16 QAM	1@1	20.19	20.62	23.42	26.32	0.4285
78	30	15	630500	3457.5	CP-OFDM QPSK	1@1	20.75	21.11	23.94	26.84	0.4831
78	30	15	630500	3457.5	CP-OFDM 16 QAM	1@1	20.4	20.41	23.42	26.32	0.4285
78	30	15	633334	3500.01	CP-OFDM QPSK	1@1	20.66	21.48	24.10	27	0.5012
78	30	15	633334	3500.01	CP-OFDM 16 QAM	1@1	20.24	21.1	23.70	26.6	0.4571
78	30	15	636166	3542.49	CP-OFDM QPSK	1@1	20.73	21.45	24.12	27.02	0.5035
78	30	15	636166	3542.49	CP-OFDM 16 QAM	1@1	20.34	20.74	23.55	26.45	0.4416
78	30	20	630668	3460.02	CP-OFDM QPSK	1@1	20.83	21.4	24.13	27.03	0.5047
78	30	20	630668	3460.02	CP-OFDM 16 QAM	1@1	20.5	21.11	23.83	26.73	0.4710
78	30	20	633334	3500.01	CP-OFDM QPSK	1@1	20.67	21.41	24.07	26.97	0.4977
78	30	20	633334	3500.01	CP-OFDM 16 QAM	1@1	20.28	21.11	23.73	26.63	0.4603
78	30	20	636000	3540	CP-OFDM QPSK	1@1	20.74	21.55	24.17	27.07	0.5093
78	30	20	636000	3540	CP-OFDM 16 QAM	1@1	20.39	20.76	23.59	26.49	0.4457
78	30	30	631000	3465	CP-OFDM QPSK	1@1	20.78	21.43	24.13	27.03	0.5047
78	30	30	631000	3465	CP-OFDM 16 QAM	1@1	20.36	21.18	23.80	26.7	0.4677
78	30	30	633334	3500.01	CP-OFDM QPSK	1@1	20.75	21.52	24.16	27.06	0.5082
78	30	30	633334	3500.01	CP-OFDM 16 QAM	1@1	20.31	21.19	23.78	26.68	0.4656
78	30	30	635666	3534.99	CP-OFDM QPSK	1@1	20.89	21.31	24.12	27.02	0.5035
78	30	30	635666	3534.99	CP-OFDM 16 QAM	1@1	20.39	21.03	23.73	26.63	0.4603
78	30	40	631334	3470.01	CP-OFDM QPSK	1@1	20.92	21.37	24.16	27.06	0.5082
78	30	40	631334	3470.01	CP-OFDM 16 QAM	1@1	20.5	21.17	23.86	26.76	0.4742
78	30	40	633334	3500.01	CP-OFDM QPSK	1@1	20.83	21.03	23.94	26.84	0.4831
78	30	40	633334	3500.01	CP-OFDM 16 QAM	1@1	20.43	20.33	23.39	26.29	0.4256
78	30	40	635332	3529.98	CP-OFDM QPSK	1@1	20.86	21.45	24.18	27.08	0.5105
78	30	40	635332	3529.98	CP-OFDM 16 QAM	1@1	20.43	21.05	23.76	26.66	0.4634
78	30	50	631668	3475.02	CP-OFDM QPSK	1@1	20.54	21.49	24.05	26.95	0.4955
78	30	50	631668	3475.02	CP-OFDM 16 QAM	1@1	20.17	21.12	23.68	26.58	0.4550
78	30	50	633334	3500.01	CP-OFDM QPSK	1@1	20.47	21.65	24.11	27.01	0.5023
78	30	50	633334	3500.01	CP-OFDM 16 QAM	1@1	20.14	20.98	23.59	26.49	0.4457
78	30	50	635000	3525	CP-OFDM QPSK	1@1	20.42	21.41	23.95	26.85	0.4842
78	30	50	635000	3525	CP-OFDM 16 QAM	1@1	20.05	20.67	23.38	26.28	0.4246

78	30	60	632000	3480	CP-OFDM QPSK	1@1	20.59	21.58	24.12	27.02	0.5035
78	30	60	632000	3480	CP-OFDM 16 QAM	1@1	20.27	20.33	23.31	26.21	0.4178
78	30	60	633334	3500.01	CP-OFDM QPSK	1@1	20.6	21.42	24.04	26.94	0.4943
78	30	60	633334	3500.01	CP-OFDM 16 QAM	1@1	20.24	21.08	23.69	26.59	0.4560
78	30	60	634666	3519.99	CP-OFDM QPSK	1@1	20.5	21.62	24.11	27.01	0.5023
78	30	60	634666	3519.99	CP-OFDM 16 QAM	1@1	20.17	20.92	23.57	26.47	0.4436
78	30	70	632334	3485.01	CP-OFDM QPSK	1@1	20.47	21.41	23.98	26.88	0.4875
78	30	70	632334	3485.01	CP-OFDM 16 QAM	1@1	20.05	21.15	23.65	26.55	0.4519
78	30	70	633334	3500.01	CP-OFDM QPSK	1@1	20.5	21.74	24.17	27.07	0.5093
78	30	70	633334	3500.01	CP-OFDM 16 QAM	1@1	20.08	21	23.57	26.47	0.4436
78	30	70	634332	3514.98	CP-OFDM QPSK	1@1	20.43	21.68	24.11	27.01	0.5023
78	30	70	634332	3514.98	CP-OFDM 16 QAM	1@1	20.04	21.01	23.56	26.46	0.4426
78	30	80	632668	3490.02	CP-OFDM QPSK	1@1	20.47	21.42	23.98	26.88	0.4875
78	30	80	632668	3490.02	CP-OFDM 16 QAM	1@1	20.06	21.13	23.64	26.54	0.4508
78	30	80	633334	3500.01	CP-OFDM QPSK	1@1	20.36	21.73	24.11	27.01	0.5023
78	30	80	633334	3500.01	CP-OFDM 16 QAM	1@1	20.01	20.95	23.52	26.42	0.4385
78	30	80	634000	3510	CP-OFDM QPSK	1@1	20.4	21.71	24.11	27.01	0.5023
78	30	80	634000	3510	CP-OFDM 16 QAM	1@1	20	21.03	23.56	26.46	0.4426
78	30	90	633000	3495	CP-OFDM QPSK	1@1	20.41	21.76	24.15	27.05	0.5070
78	30	90	633000	3495	CP-OFDM 16 QAM	1@1	20.06	21.04	23.59	26.49	0.4457
78	30	90	633334	3500.01	CP-OFDM QPSK	1@1	20.47	21.5	24.03	26.93	0.4932
78	30	90	633334	3500.01	CP-OFDM 16 QAM	1@1	19.99	21.01	23.54	26.44	0.4406
78	30	90	633666	3504.99	CP-OFDM QPSK	1@1	20.46	21.41	23.97	26.87	0.4864
78	30	90	633666	3504.99	CP-OFDM 16 QAM	1@1	20.02	21.02	23.56	26.46	0.4426
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	20.44	21.33	23.92	26.82	0.4808
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	20.68	21.65	24.20	27.1	0.5129
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	20.46	20.94	23.72	26.62	0.4592
78	30	100	633334	3500.01	CP-OFDM 16 QAM	137@68	19.97	20.87	23.45	26.35	0.4315
78	30	100	633334	3500.01	CP-OFDM 16 QAM	1@1	20.08	21.04	23.60	26.5	0.4467
78	30	100	633334	3500.01	CP-OFDM 16 QAM	1@271	20.06	20.26	23.17	26.07	0.4046
78	30	100	633334	3500.01	CP-OFDM 64 QAM	137@68	18.49	19.42	21.99	24.89	0.3083
78	30	100	633334	3500.01	CP-OFDM 64 QAM	1@1	18.56	19.62	22.13	25.03	0.3184
78	30	100	633334	3500.01	CP-OFDM 64 QAM	1@271	18.55	18.69	21.63	24.53	0.2838
78	30	100	633334	3500.01	CP-OFDM 256 QAM	137@68	15.54	16.43	19.02	21.92	0.1556
78	30	100	633334	3500.01	CP-OFDM 256 QAM	1@1	15.43	16.85	19.21	22.11	0.1626
78	30	100	633334	3500.01	CP-OFDM 256 QAM	1@271	15.54	16	18.79	21.69	0.1476

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jia Kuang	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(ANT4)									
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	6902.42	-54.44	-13	-41.44	-80.64	-57.74	8.30	11.60	H
	10353.63	-51.47	-13	-38.47	-82.69	-52.99	10.48	12.00	H
	13804.84	-50.13	-13	-37.13	-82.26	-51.83	11.80	13.50	H
	6902.42	-53.96	-13	-40.96	-81.44	-57.26	8.30	11.60	V
	10353.63	-50.00	-13	-37.00	-83.02	-51.52	10.48	12.00	V
	13804.84	-51.18	-13	-38.18	-82.12	-52.88	11.80	13.50	V

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

EN-DC_30A_n77A / LTE 10MHz + NR 100MHz / QPSK(1+4)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n77 Middle	6902.42	-56.08	-13	-43.08	-63.54	-59.38	8.30	11.60	H
	10353.63	-56.34	-13	-43.34	-68.36	-57.86	10.48	12.00	H
	13804.84	-54.00	-13	-41.00	-69.85	-55.70	11.80	13.50	H
	6902.42	-55.09	-13	-42.09	-63.83	-58.39	8.30	11.60	V
	10353.63	-54.40	-13	-41.40	-68.22	-55.92	10.48	12.00	V
	13804.84	-54.88	-13	-41.88	-69.54	-56.58	11.80	13.50	V
LTE Band30 Middle	4611.00	-59.62	-40	-19.62	-64.57	-62.92	8.30	11.60	H
	6916.50	-57.85	-40	-17.85	-65.35	-59.37	10.48	12.00	H
	9222.00	-55.10	-40	-15.10	-64.62	-56.80	11.80	13.50	H
	4611.00	-59.20	-40	-19.20	-64.28	-62.50	8.30	11.60	V
	6916.50	-57.01	-40	-17.01	-65.61	-58.53	10.48	12.00	V
	9222.00	-52.74	-40	-12.74	-64.49	-54.44	11.80	13.50	V

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

UL MIMO N77 SA / NR 100MHz / QPSK(ANT4+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	6902.42	-54.36	-13	-41.36	-80.56	-57.66	8.30	11.60	H
	10353.63	-51.39	-13	-38.39	-82.61	-52.91	10.48	12.00	H
	13804.84	-49.94	-13	-36.94	-82.07	-51.64	11.80	13.50	H
	6902.42	-50.49	-13	-37.49	-77.97	-53.79	8.30	11.60	V
	10353.63	-48.96	-13	-35.96	-81.98	-50.48	10.48	12.00	V
	13804.84	-51.03	-13	-38.03	-81.97	-52.73	11.80	13.50	V

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