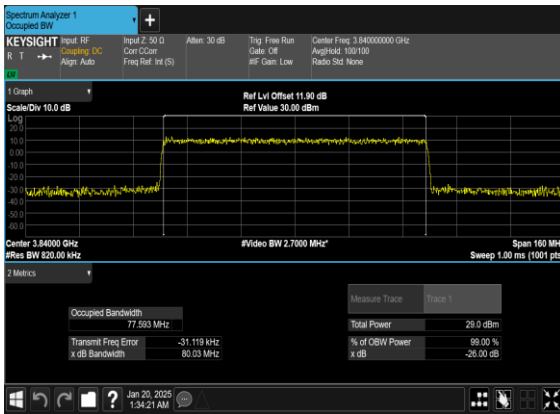
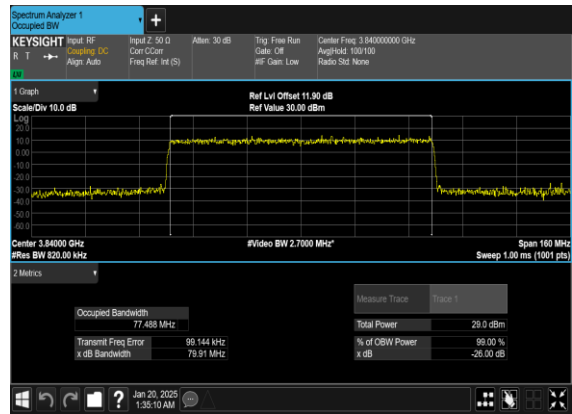




N77(80M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



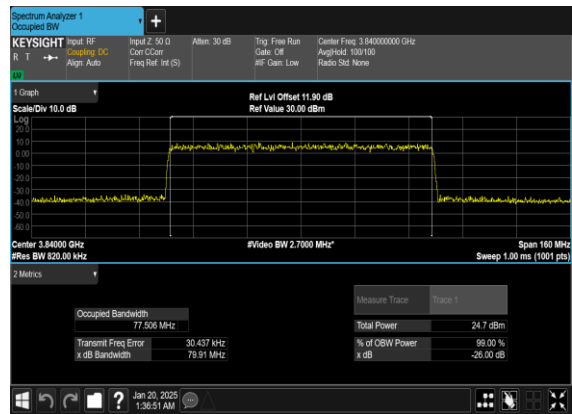
N77(80M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N77(80M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

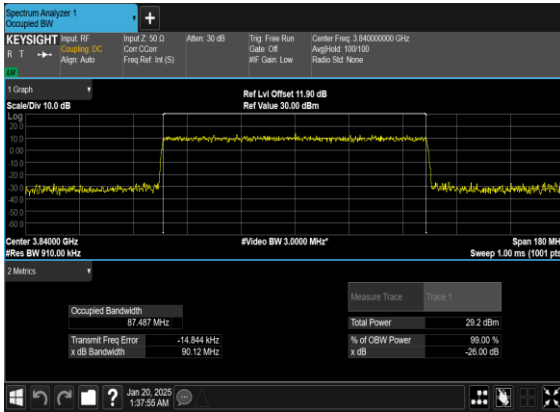


N77(80M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

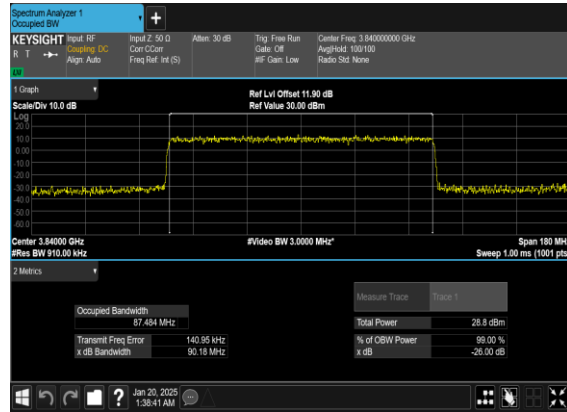




N77(90M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



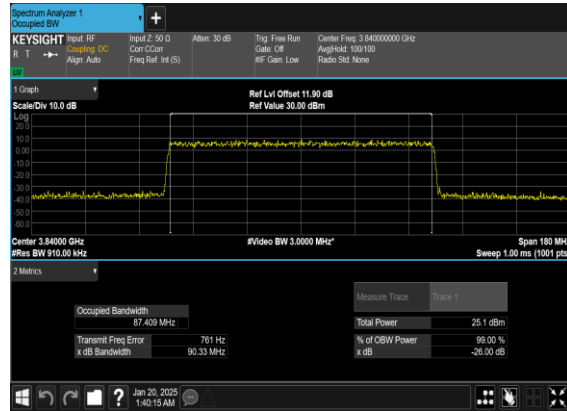
N77(90M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



N77(90M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH

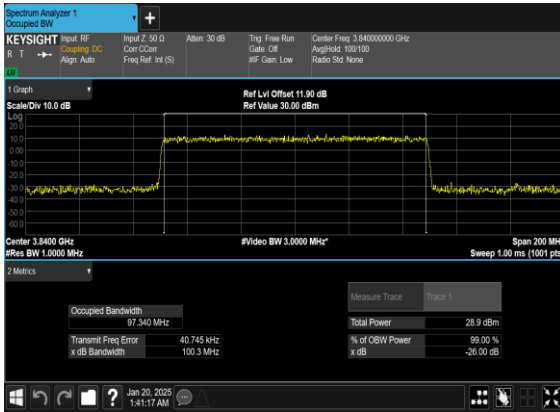


N77(90M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

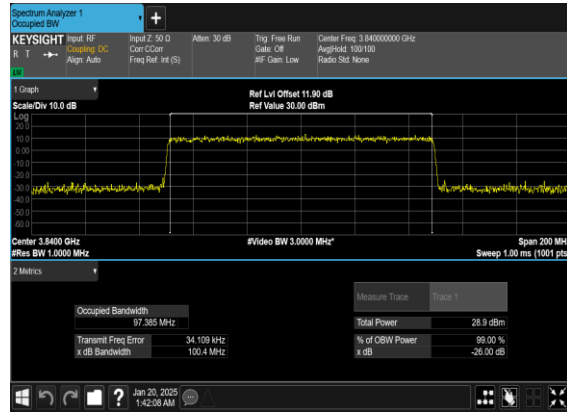




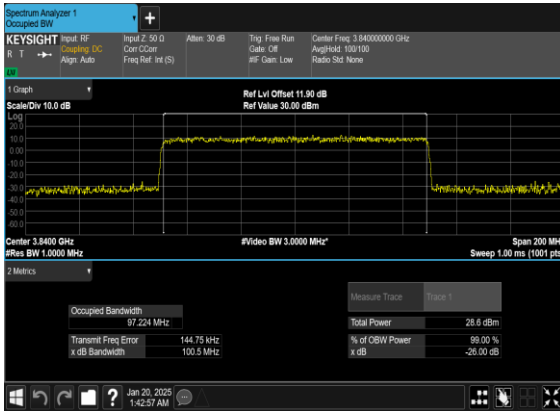
N77(100M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



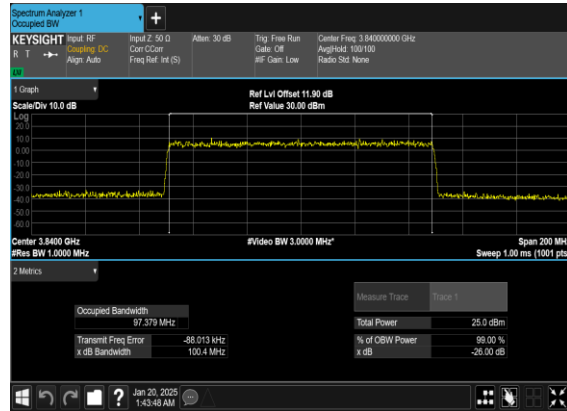
N77(100M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N77(100M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N77(100M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH





### Conducted Spurious Emissions

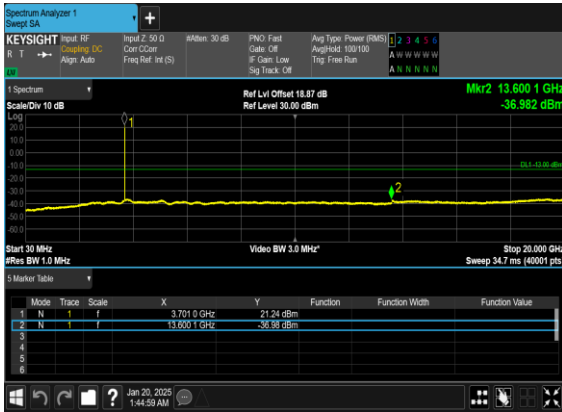
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@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	---
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---



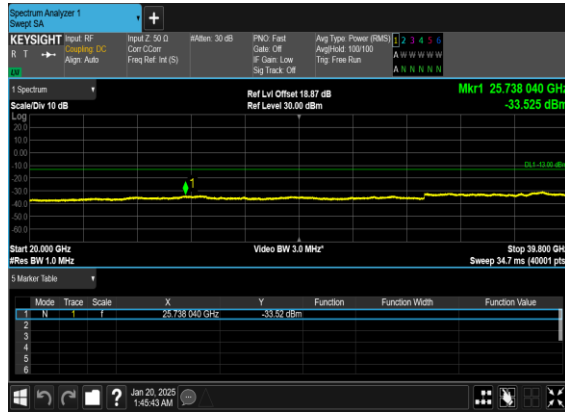
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



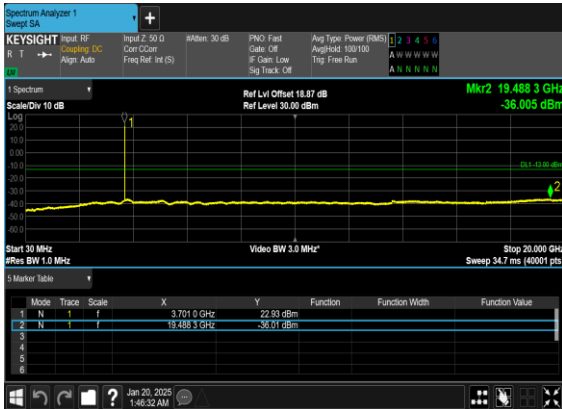
N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



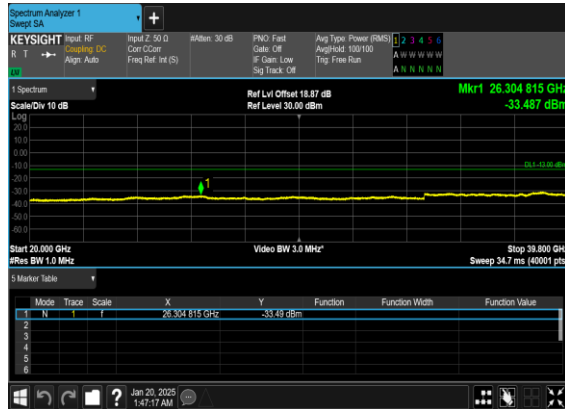
N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

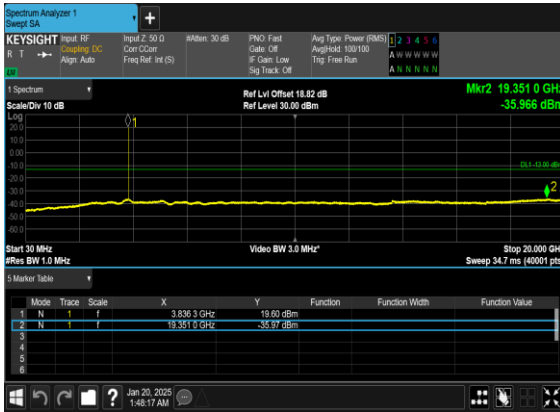


N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

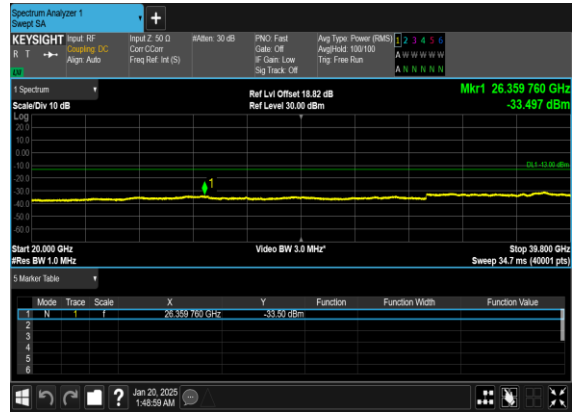




N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

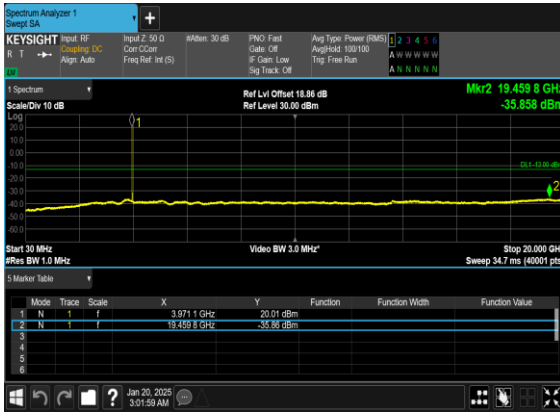


N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

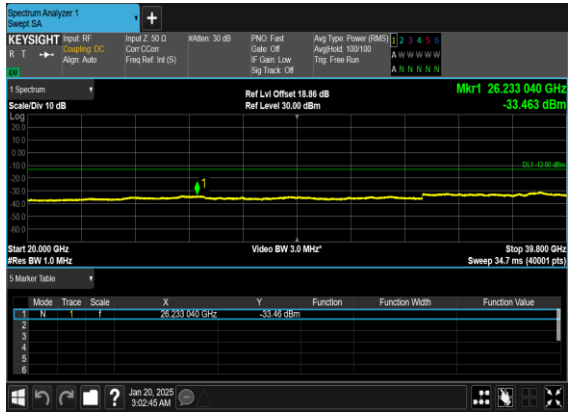




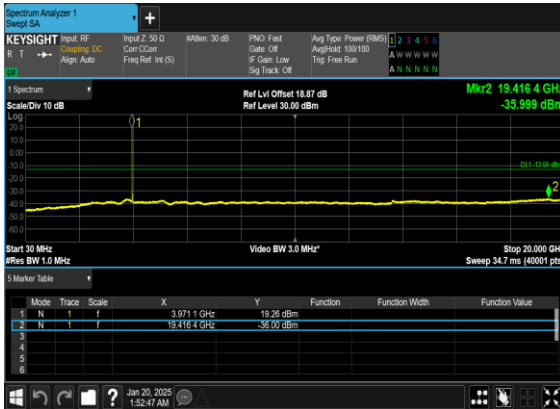
N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



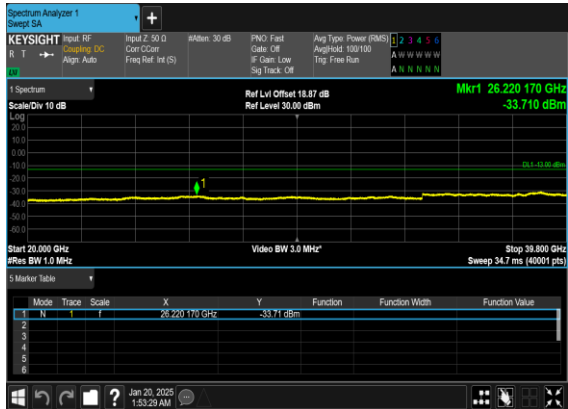
N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

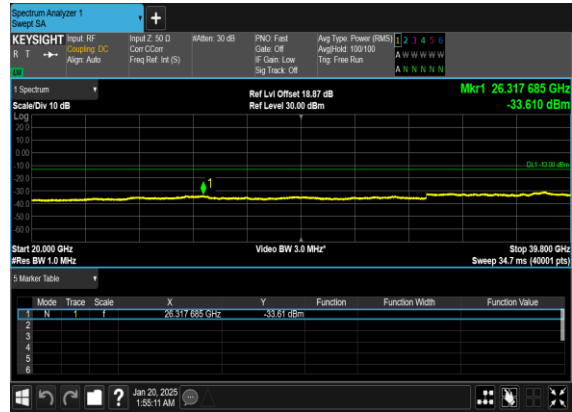




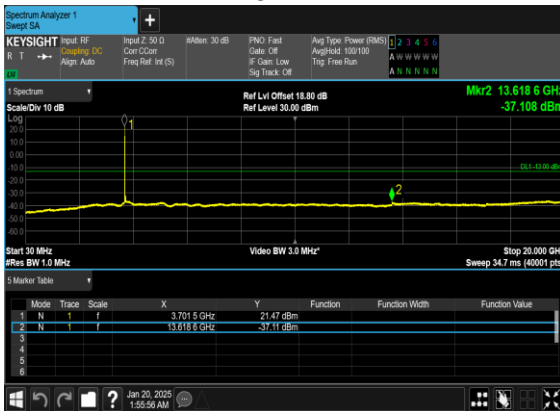
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



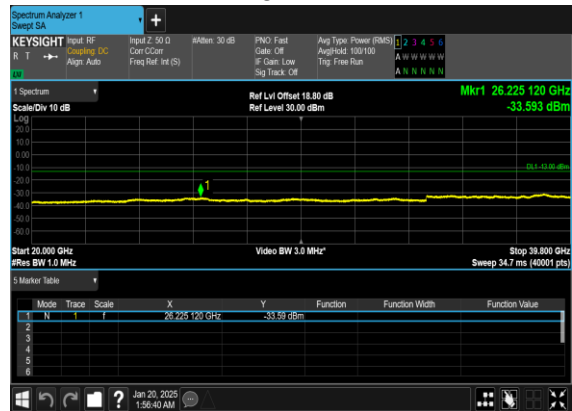
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

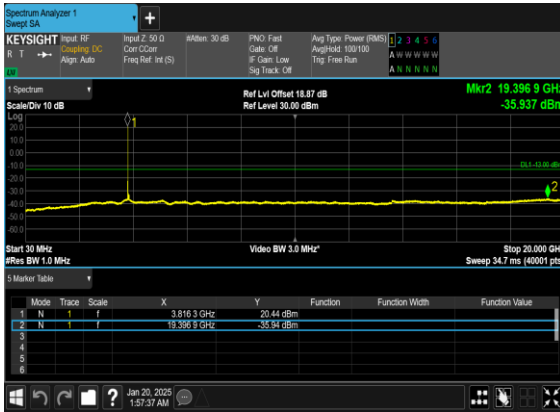


N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

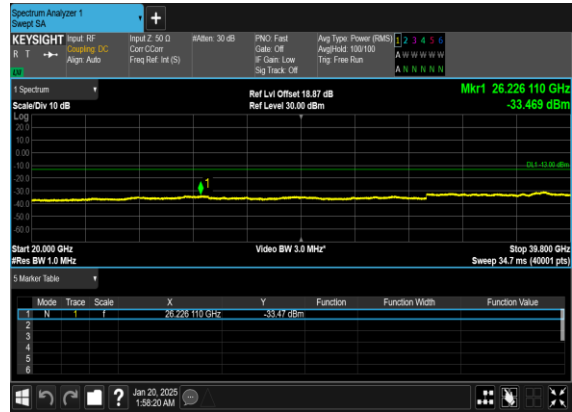




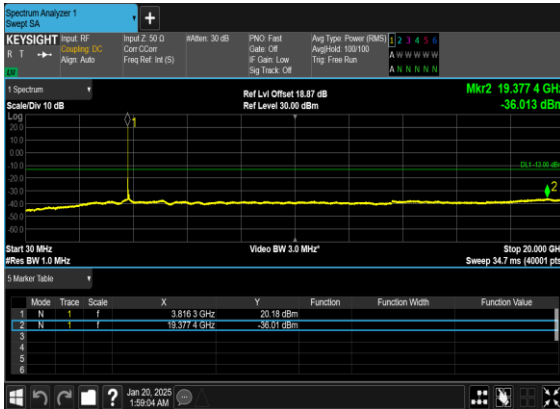
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



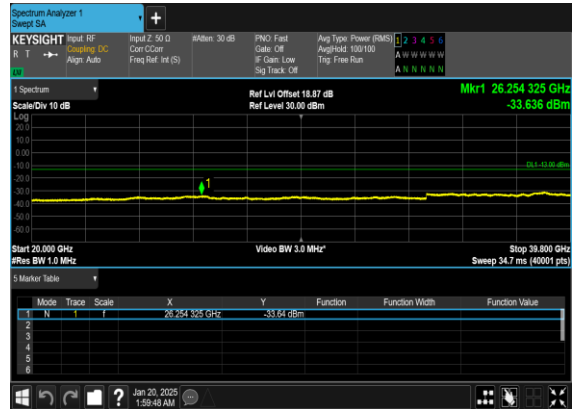
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

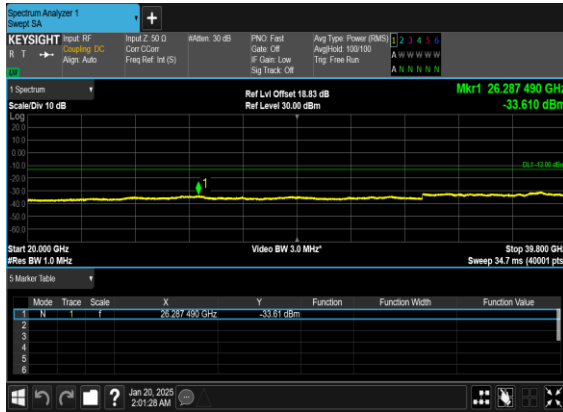




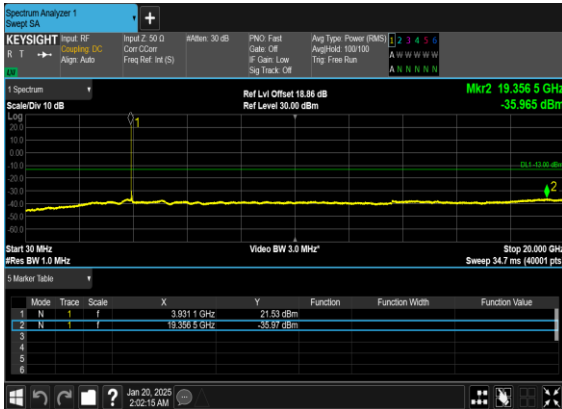
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

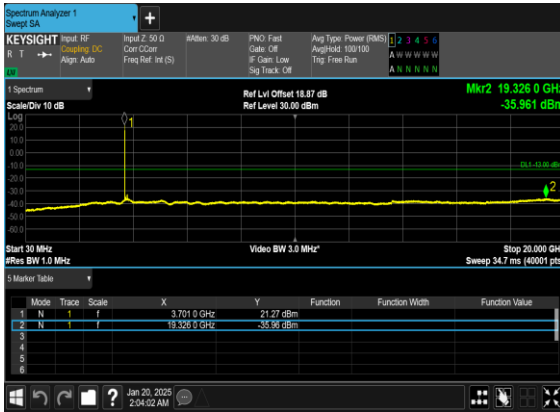


N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

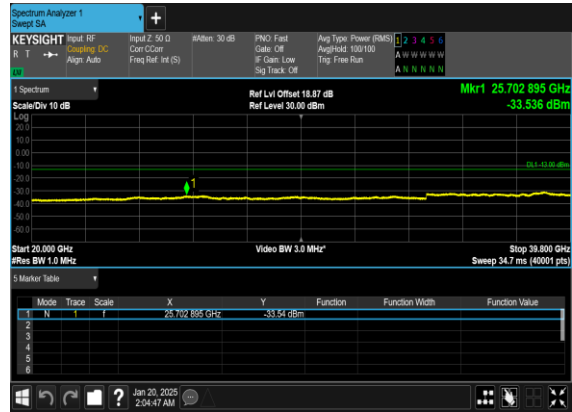




N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



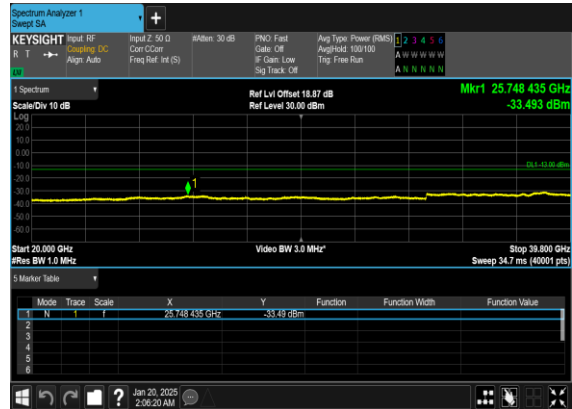
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

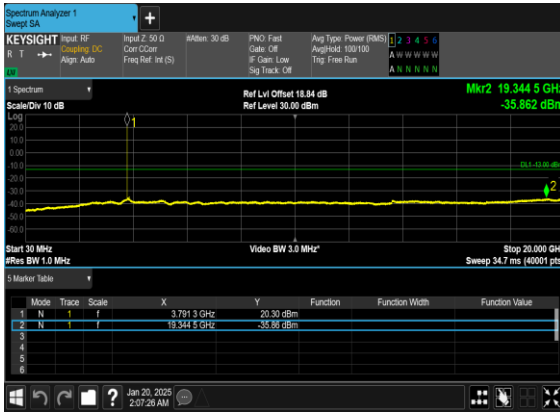


N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

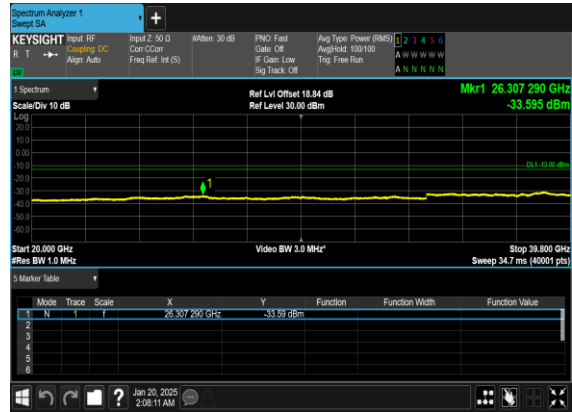




N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



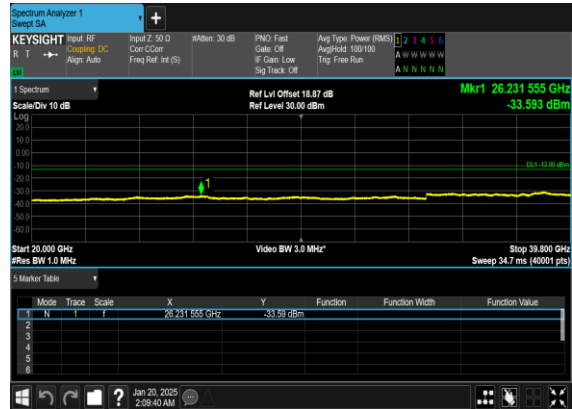
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

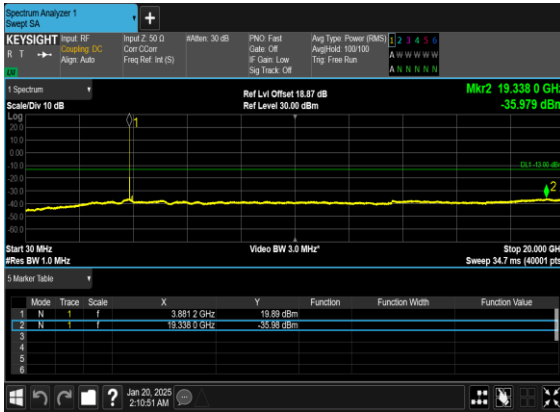


N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

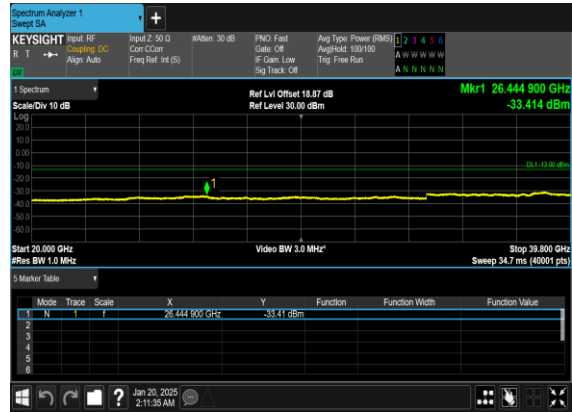




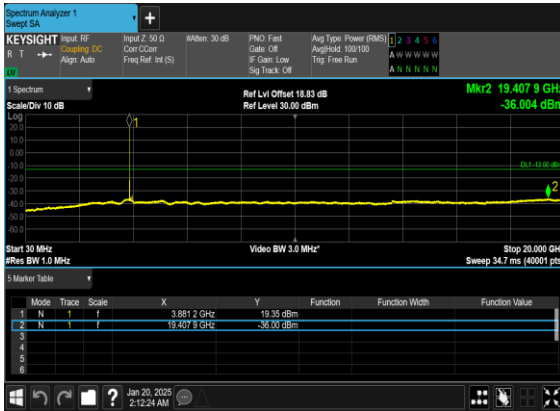
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



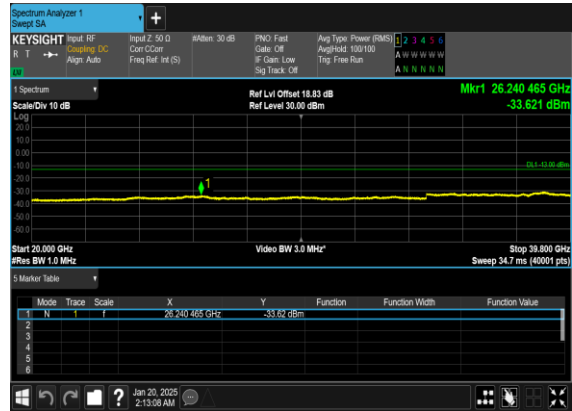
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



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



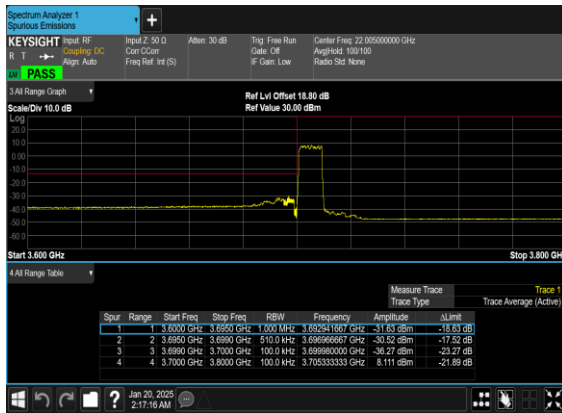
N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



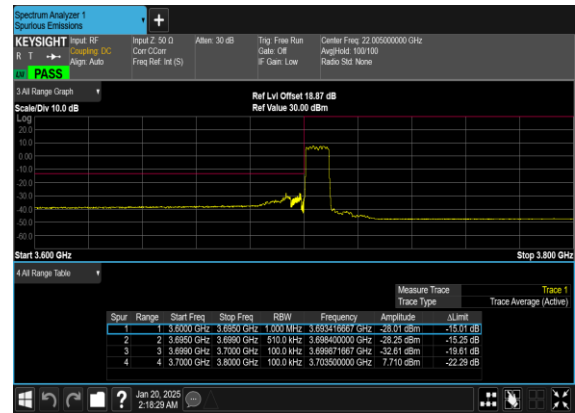
N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N77(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

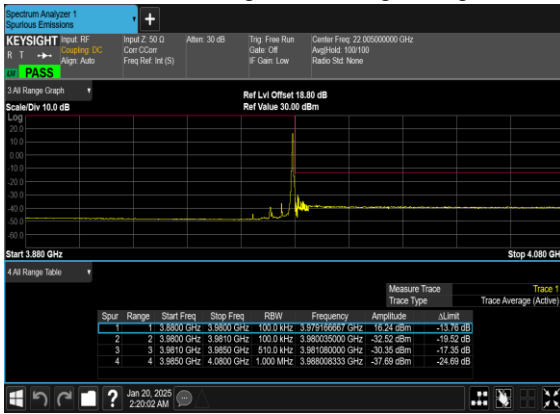


N77(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

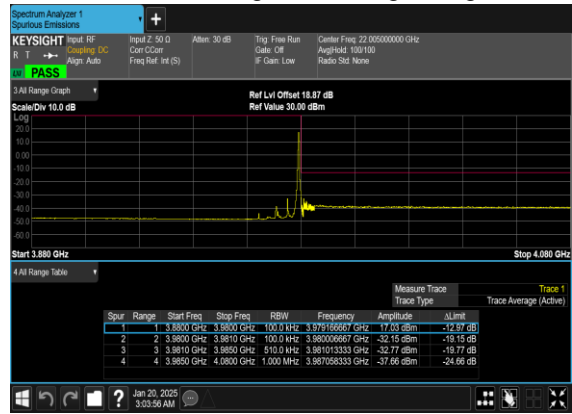




N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



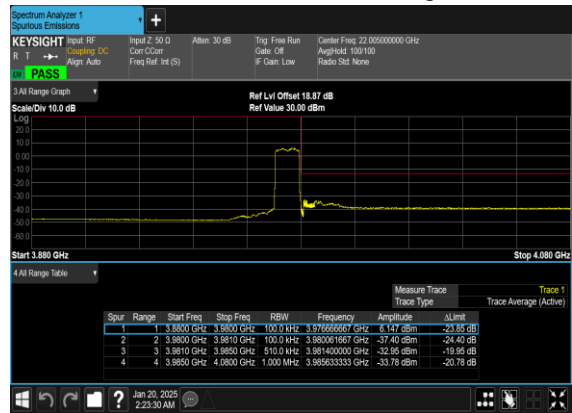
N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N77(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH

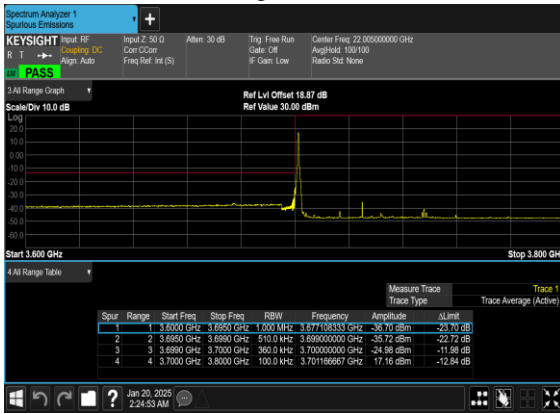


N77(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH

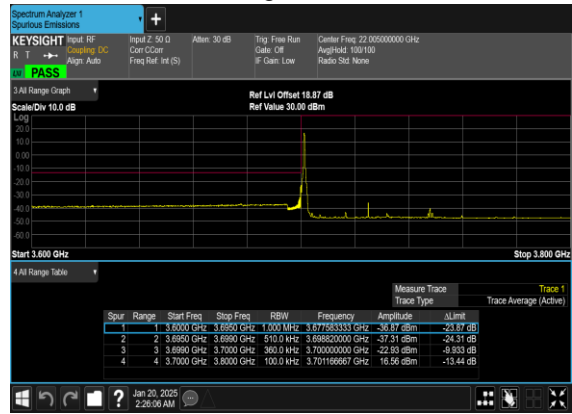




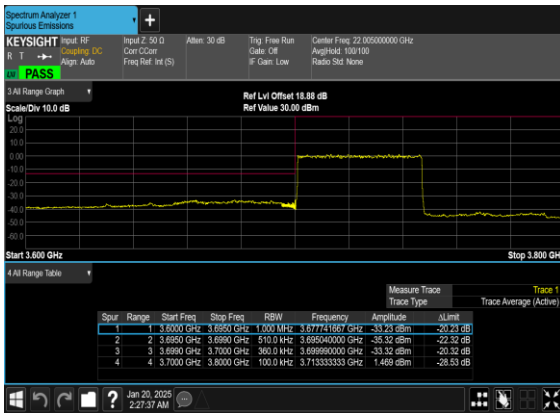
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



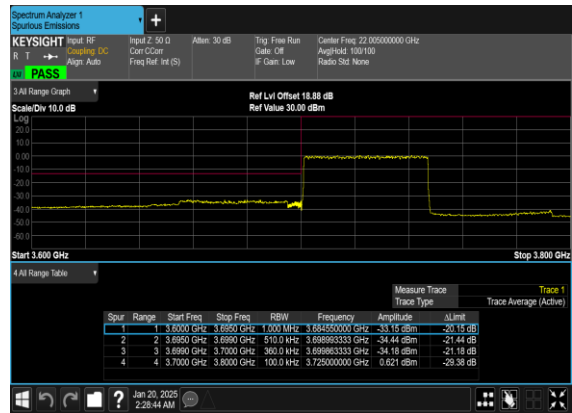
N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N77(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

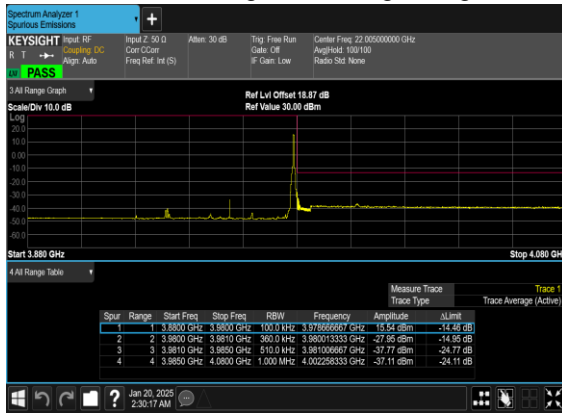


N77(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

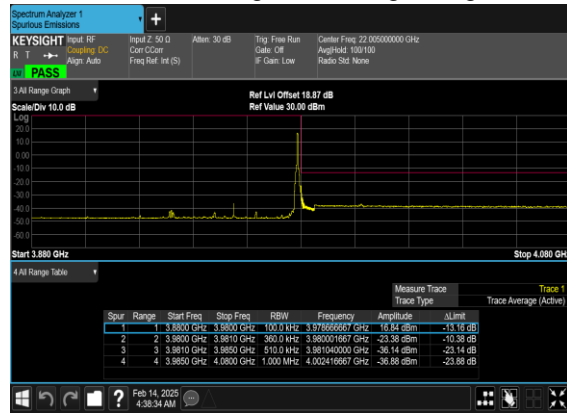




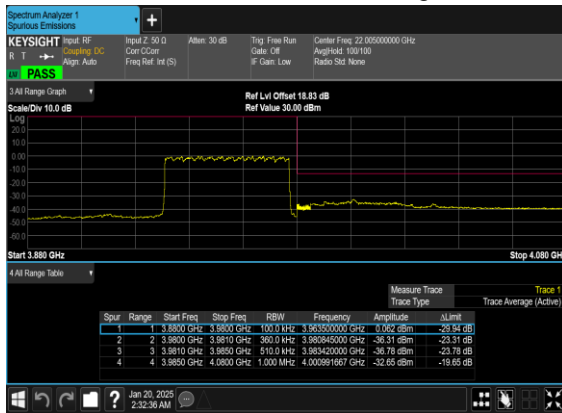
N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



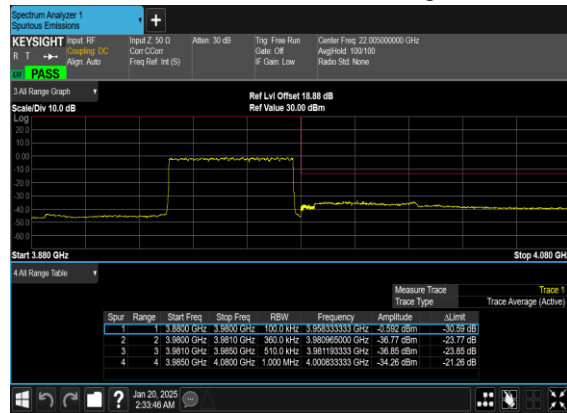
N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N77(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH

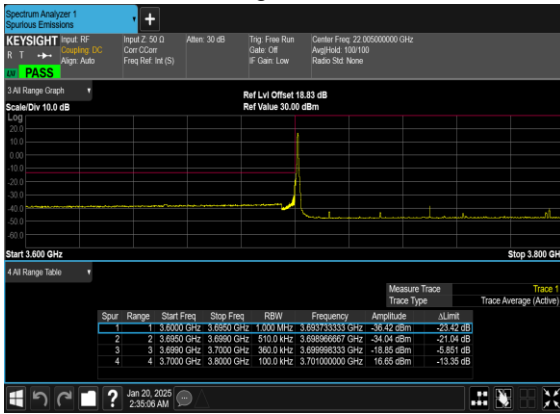


N77(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH

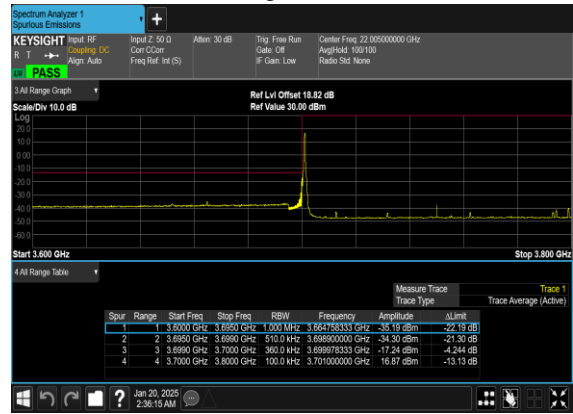




N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N77(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

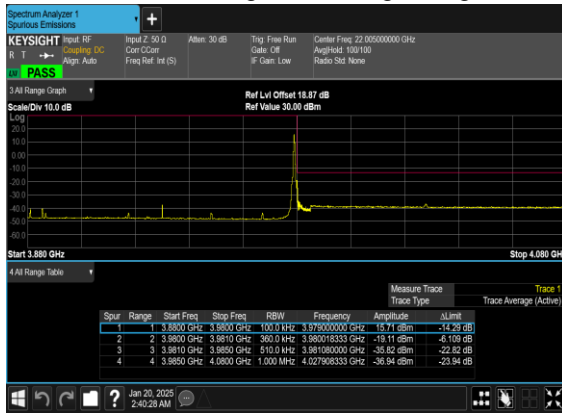


N77(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

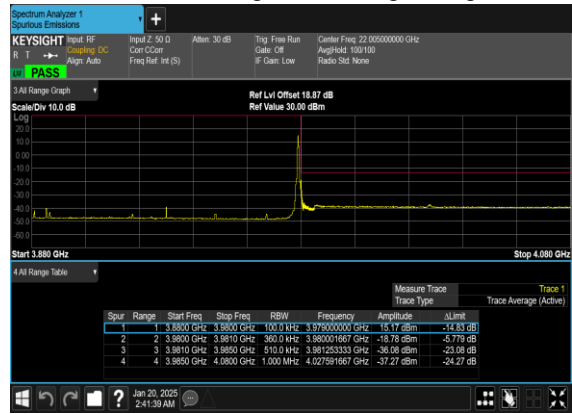




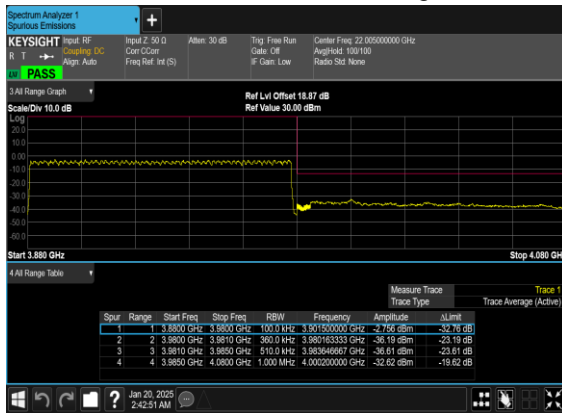
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



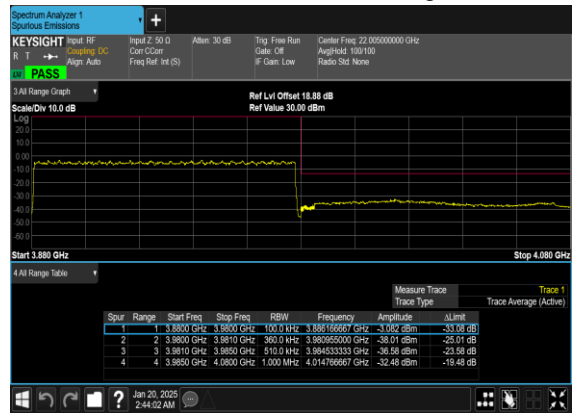
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N77(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



N77(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH





Software Version: 23.06.1602

# FR1 N78 MIMO ANT2+ANT6

Transmitter Conducted Output Power And EIRP, (G<sub>T</sub> - L<sub>c</sub>)= -1.69dB

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT2 Power(dBm)	ANT6 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	DFT-s-OFDM QPSK	12@6	23.77	23.41	26.60	24.91	0.3097
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	23.69	23.14	26.43	24.74	0.2979
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@22	23.52	23.26	26.40	24.71	0.2958
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	12@6	22.93	22.43	25.70	24.01	0.2518
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	22.91	22.28	25.62	23.93	0.2472
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@22	22.64	22.51	25.59	23.9	0.2455
78	30	10	650000	3750	DFT-s-OFDM QPSK	12@6	23.34	23.23	26.30	24.61	0.2891
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	23.34	23.04	26.20	24.51	0.2825
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@22	23.24	23.06	26.16	24.47	0.2799
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	12@6	22.39	22.2	25.31	23.62	0.2301
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.54	22.26	25.41	23.72	0.2355
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@22	22.39	22.19	25.30	23.61	0.2296
78	30	10	653000	3795	DFT-s-OFDM QPSK	12@6	22.75	23.21	26.00	24.31	0.2698
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	22.7	23.1	25.91	24.22	0.2642
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@22	22.62	23.03	25.84	24.15	0.2600
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	12@6	21.75	22.17	24.98	23.29	0.2133
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	21.87	22.29	25.10	23.41	0.2193
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@22	21.61	22.27	24.96	23.27	0.2123
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	18@9	23.65	23.4	26.54	24.85	0.3055
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	23.71	23.15	26.45	24.76	0.2992
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@36	23.5	23.26	26.39	24.7	0.2951
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	18@9	22.66	22.44	25.56	23.87	0.2438
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	22.84	22.3	25.59	23.9	0.2455
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@36	22.62	22.39	25.52	23.83	0.2415
78	30	15	650000	3750	DFT-s-OFDM QPSK	18@9	23.35	23.24	26.31	24.62	0.2897
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	23.37	23.08	26.24	24.55	0.2851
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@36	23.14	23.12	26.14	24.45	0.2786
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	18@9	22.33	22.27	25.31	23.62	0.2301
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.5	22.19	25.36	23.67	0.2328
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@36	22.28	22.2	25.25	23.56	0.2270
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	18@9	22.73	23.15	25.96	24.27	0.2673
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	22.71	22.97	25.85	24.16	0.2606
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@36	22.58	22.95	25.78	24.09	0.2564
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	18@9	21.7	22.15	24.94	23.25	0.2113
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	21.83	22.04	24.95	23.26	0.2118



78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@36	21.71	22.12	24.93	23.24	0.2109
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	23.61	23.44	26.54	24.85	0.3055
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	23.67	23.15	26.43	24.74	0.2979
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	23.37	23.23	26.31	24.62	0.2897
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	22.61	22.44	25.54	23.85	0.2427
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	22.78	22.33	25.57	23.88	0.2443
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	22.54	22.36	25.46	23.77	0.2382
78	30	20	650000	3750	DFT-s-OFDM QPSK	25@12	23.39	23.24	26.33	24.64	0.2911
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	23.36	23.07	26.23	24.54	0.2844
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@49	23.11	23.08	26.11	24.42	0.2767
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	25@12	22.36	22.14	25.26	23.57	0.2275
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.56	22.21	25.40	23.71	0.2350
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@49	22.23	22.22	25.24	23.55	0.2265
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	25@12	22.82	23.18	26.01	24.32	0.2704
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	22.79	23.03	25.92	24.23	0.2649
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@49	22.57	23.04	25.82	24.13	0.2588
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	25@12	21.81	22.23	25.04	23.35	0.2163
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	21.88	22.22	25.06	23.37	0.2173
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@49	21.61	22.14	24.89	23.2	0.2089
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	32@16	23.48	23.38	26.44	24.75	0.2985
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	23.61	23.11	26.38	24.69	0.2944
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@63	23.33	23.16	26.26	24.57	0.2864
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	32@16	22.5	22.39	25.46	23.77	0.2382
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	22.77	22.32	25.56	23.87	0.2438
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@63	22.45	22.25	25.36	23.67	0.2328
78	30	25	650000	3750	DFT-s-OFDM QPSK	32@16	23.3	23.13	26.23	24.54	0.2844
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@1	23.35	23.14	26.26	24.57	0.2864
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@63	22.99	23.04	26.03	24.34	0.2716
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	32@16	22.34	22.22	25.29	23.6	0.2291
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.51	22.18	25.36	23.67	0.2328
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@63	21.99	22.2	25.11	23.42	0.2198
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	32@16	22.77	23.21	26.01	24.32	0.2704
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	22.79	23.03	25.92	24.23	0.2649
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@63	22.54	23.04	25.81	24.12	0.2582
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	32@16	21.85	22.21	25.04	23.35	0.2163
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	22.04	22.25	25.16	23.47	0.2223
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@63	21.61	22.19	24.92	23.23	0.2104
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	23.6	23.44	26.53	24.84	0.3048
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	23.75	23.22	26.50	24.81	0.3027
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	23.55	23.35	26.46	24.77	0.2999
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	22.7	22.52	25.62	23.93	0.2472
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	22.87	22.51	25.70	24.01	0.2518



78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	22.6	22.49	25.56	23.87	0.2438
78	30	30	650000	3750	DFT-s-OFDM QPSK	36@18	23.42	23.25	26.35	24.66	0.2924
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	23.51	23.19	26.36	24.67	0.2931
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@76	23.02	23.1	26.07	24.38	0.2742
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	36@18	22.41	22.24	25.34	23.65	0.2317
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.63	22.33	25.49	23.8	0.2399
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@76	22.16	22.26	25.22	23.53	0.2254
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	36@18	22.87	23.17	26.03	24.34	0.2716
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	22.89	22.97	25.94	24.25	0.2661
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@76	22.6	23.03	25.83	24.14	0.2594
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	36@18	21.93	22.19	25.07	23.38	0.2178
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	21.91	22.02	24.98	23.29	0.2133
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@76	21.78	22.17	24.99	23.3	0.2138
78	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	23.59	23.43	26.52	24.83	0.3041
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	23.7	23.15	26.44	24.75	0.2985
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	23.46	23.12	26.30	24.61	0.2891
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	22.59	22.45	25.53	23.84	0.2421
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	22.81	22.27	25.56	23.87	0.2438
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	22.64	22.27	25.47	23.78	0.2388
78	30	40	650000	3750	DFT-s-OFDM QPSK	50@25	23.38	23.16	26.28	24.59	0.2877
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	23.44	23.19	26.33	24.64	0.2911
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@104	22.98	23.1	26.05	24.36	0.2729
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	50@25	22.45	22.24	25.36	23.67	0.2328
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.62	22.34	25.49	23.8	0.2399
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@104	22.18	22.32	25.26	23.57	0.2275
78	30	40	652000	3780	DFT-s-OFDM QPSK	50@25	22.99	23.19	26.10	24.41	0.2761
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	23	23.02	26.02	24.33	0.2710
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@104	22.63	23.04	25.85	24.16	0.2606
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	50@25	22	22.24	25.13	23.44	0.2208
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	22.06	22.02	25.05	23.36	0.2168
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@104	21.72	22.25	25.00	23.31	0.2143
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	64@32	23.61	23.46	26.55	24.86	0.3062
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	23.7	23.19	26.46	24.77	0.2999
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	23.25	23	26.14	24.45	0.2786
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	22.6	22.45	25.54	23.85	0.2427
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	22.92	22.31	25.64	23.95	0.2483
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	22.45	22.13	25.30	23.61	0.2296
78	30	50	650000	3750	DFT-s-OFDM QPSK	64@32	23.45	23.31	26.39	24.7	0.2951
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	23.37	23.27	26.33	24.64	0.2911
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@131	22.89	23.12	26.02	24.33	0.2710
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	64@32	22.36	22.22	25.30	23.61	0.2296
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.6	22.36	25.49	23.8	0.2399



78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@131	22.07	22.27	25.18	23.49	0.2234
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	64@32	22.98	23.16	26.08	24.39	0.2748
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	23.1	22.91	26.02	24.33	0.2710
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@131	22.54	22.98	25.78	24.09	0.2564
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	64@32	22.01	22.16	25.10	23.41	0.2193
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	22.29	22.07	25.19	23.5	0.2239
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@131	21.69	22.13	24.93	23.24	0.2109
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	23.52	23.28	26.41	24.72	0.2965
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	23.57	23.15	26.38	24.69	0.2944
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	22.99	22.96	25.99	24.3	0.2692
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	22.54	22.37	25.47	23.78	0.2388
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	22.75	22.35	25.56	23.87	0.2438
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	22.16	22.17	25.18	23.49	0.2234
78	30	60	650000	3750	DFT-s-OFDM QPSK	81@40	23.28	23.17	26.24	24.55	0.2851
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	23.38	23.28	26.34	24.65	0.2917
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@160	22.74	23.15	25.96	24.27	0.2673
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	81@40	22.36	22.24	25.31	23.62	0.2301
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.48	22.45	25.48	23.79	0.2393
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@160	21.97	22.3	25.15	23.46	0.2218
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	81@40	23.03	23.07	26.06	24.37	0.2735
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	23.29	22.94	26.13	24.44	0.2780
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@160	22.6	23.13	25.88	24.19	0.2624
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	81@40	22.16	22.16	25.17	23.48	0.2228
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	22.5	22.06	25.30	23.61	0.2296
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@160	21.71	22.2	24.97	23.28	0.2128
78	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	23.69	23.5	26.61	24.92	0.3105
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	23.83	23.43	26.64	24.95	0.3126
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	23.03	23.25	26.15	24.46	0.2793
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	22.75	22.56	25.67	23.98	0.2500
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	23.06	22.62	25.86	24.17	0.2612
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	22.27	22.42	25.36	23.67	0.2328
78	30	70	650000	3750	DFT-s-OFDM QPSK	90@45	23.52	23.4	26.47	24.78	0.3006
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	23.52	23.52	26.53	24.84	0.3048
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@187	22.81	23.31	26.08	24.39	0.2748
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	90@45	22.56	22.49	25.54	23.85	0.2427
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.76	22.68	25.73	24.04	0.2535
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@187	21.98	22.43	25.22	23.53	0.2254
78	30	70	651000	3765	DFT-s-OFDM QPSK	90@45	23.33	23.4	26.38	24.69	0.2944
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	23.78	23.55	26.68	24.99	0.3155
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@187	22.66	23.3	26.00	24.31	0.2698
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	90@45	22.35	22.49	25.43	23.74	0.2366
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	22.86	22.61	25.75	24.06	0.2547



78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@187	21.91	22.45	25.20	23.51	0.2244
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	23.63	23.44	26.55	24.86	0.3062
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	23.86	23.42	26.66	24.97	0.3141
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	22.99	23.37	26.19	24.5	0.2818
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	22.65	22.46	25.57	23.88	0.2443
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	23.03	22.6	25.83	24.14	0.2594
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	22.18	22.56	25.38	23.69	0.2339
78	30	80	650000	3750	DFT-s-OFDM QPSK	108@54	23.49	23.45	26.48	24.79	0.3013
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	23.61	23.52	26.58	24.89	0.3083
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@215	22.84	23.32	26.10	24.41	0.2761
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	108@54	22.51	22.43	25.48	23.79	0.2393
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.8	22.52	25.67	23.98	0.2500
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@215	21.93	22.51	25.24	23.55	0.2265
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	108@54	23.33	23.34	26.35	24.66	0.2924
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	23.54	23.41	26.49	24.8	0.3020
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@215	22.65	23.27	25.98	24.29	0.2685
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	108@54	22.36	22.32	25.35	23.66	0.2323
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	22.69	22.51	25.61	23.92	0.2466
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@215	21.86	22.39	25.14	23.45	0.2213
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	23.54	23.38	26.47	24.78	0.3006
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	23.81	23.4	26.62	24.93	0.3112
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	22.72	23.23	25.99	24.3	0.2692
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	22.57	22.44	25.52	23.83	0.2415
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	22.95	22.57	25.77	24.08	0.2559
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	21.88	22.43	25.17	23.48	0.2228
78	30	90	650000	3750	DFT-s-OFDM QPSK	120@60	23.47	23.36	26.43	24.74	0.2979
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	23.78	23.63	26.72	25.03	0.3184
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@243	22.65	23.24	25.97	24.28	0.2679
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	120@60	22.5	22.37	25.45	23.76	0.2377
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	22.83	22.4	25.63	23.94	0.2477
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@243	21.78	22.4	25.11	23.42	0.2198
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	120@60	23.38	23.33	26.37	24.68	0.2938
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	23.51	23.37	26.45	24.76	0.2992
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@243	22.51	23.17	25.86	24.17	0.2612
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	120@60	22.37	22.32	25.36	23.67	0.2328
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	22.57	22.51	25.55	23.86	0.2432
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@243	21.7	22.33	25.04	23.35	0.2163
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	23.45	23.35	26.41	24.72	0.2965
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	23.97	23.56	26.78	25.09	0.3228
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	22.88	23.44	26.18	24.49	0.2812
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	23.53	23.45	26.50	24.81	0.3027
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	23.91	23.43	26.69	25	0.3162



78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	22.83	23.3	26.08	24.39	0.2748
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	22.54	22.47	25.52	23.83	0.2415
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.07	22.56	25.83	24.14	0.2594
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	22.01	22.54	25.29	23.6	0.2291
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	21.07	20.97	24.03	22.34	0.1714
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	21.48	20.89	24.21	22.52	0.1786
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	20.31	20.82	23.58	21.89	0.1545
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	19.09	19.01	22.06	20.37	0.1089
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	19.53	19.12	22.34	20.65	0.1161
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	18.47	19	21.75	20.06	0.1014
78	30	100	650000	3750	CP-OFDM QPSK	137@68	21.97	21.89	24.94	23.25	0.2113
78	30	100	650000	3750	CP-OFDM QPSK	1@1	22.43	21.96	25.21	23.52	0.2249
78	30	100	650000	3750	CP-OFDM QPSK	1@271	21.3	21.82	24.58	22.89	0.1945



# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

Test Engineer :	Shunping You	Temperature :	22~25°C
		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)
Lowest	7402.4	-57.88	-13	-44.88	-49.27	-61.21	8.25	11.58	H
	11103.6	-52.46	-13	-39.46	-52.06	-54.01	10.45	12.00	H
	14804.8	-54.36	-13	-41.36	-55.29	-56.07	11.74	13.45	H
	7402.4	-58.01	-13	-45.01	-49.45	-61.34	8.25	11.58	V
	11103.6	-51.47	-13	-38.47	-50.78	-53.02	10.45	12.00	V
	14804.8	-53.72	-13	-40.72	-54.83	-55.43	11.74	13.45	V
Middle	7634	-55.32	-13	-42.32	-46.25	-56.84	11.98	13.50	H
	11451	-50.85	-13	-37.85	-51.68	-50.85	13.60	13.60	H
	15268	-55.98	-13	-42.98	-54.81	-55.58	15.50	15.10	H
	7634	-55.07	-13	-42.07	-45.82	-56.59	11.98	13.50	V
	11451	-50.76	-13	-37.76	-51.42	-50.76	13.60	13.60	V
	15268	-55.25	-13	-42.25	-54.32	-54.85	15.50	15.10	V
Highest	7762.4	-52.05	-13	-39.05	-43.29	-55.35	8.32	11.62	H
	11643.6	-51.23	-13	-38.23	-51.26	-52.91	10.52	12.20	H
	15524.8	-57.51	-13	-44.51	-55.51	-59.21	11.85	13.55	H
	7762.4	-53.04	-13	-40.04	-44.26	-56.34	8.32	11.62	V
	11643.6	-50.69	-13	-37.69	-50.75	-52.37	10.52	12.20	V
	15524.8	-57.02	-13	-44.02	-55.22	-58.72	11.85	13.55	V

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



EN-DC_14A_n77A / LTE 10MHz + NR 100MHz / QPSK(0+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 Lowest	7402.40	-54.24	-13	-41.24	-51.39	-57.57	8.25	11.58	H
	11103.60	-52.93	-13	-39.93	-57.02	-54.48	10.45	12.00	H
	14804.80	-51.65	-13	-38.65	-58.78	-53.36	11.74	13.45	H
	7402.40	-57.83	-13	-44.83	-55.03	-61.16	8.25	11.58	V
	11103.60	-49.22	-13	-36.22	-53.02	-50.77	10.45	12.00	V
	14804.80	-50.96	-13	-37.96	-58.27	-52.67	11.74	13.45	V
LTE Band14 Lowest	1576.94	-66.96	-42.15	-24.81	-73.23	-70.21	4.00	9.40	H
	2365.41	-62.42	-13	-49.42	-72.93	-65.99	4.88	10.60	H
	3153.88	-62.58	-13	-49.58	-75.64	-67.51	5.52	12.60	H
	1576.94	-66.81	-42.15	-24.66	-73.31	-70.06	4.00	9.40	V
	2365.41	-61.13	-13	-48.13	-72.04	-64.70	4.88	10.60	V
	3153.88	-59.93	-13	-46.93	-73.54	-64.86	5.52	12.60	V
NR n77 Middle	7584.00	-53.03	-40	-13.03	-49.61	-56.33	8.30	11.60	H
	11376.00	-48.38	-40	-8.38	-53.92	-49.90	10.48	12.00	H
	15168.00	-52.58	-40	-12.58	-58.44	-54.28	11.80	13.50	H
	7584.00	-59.06	-40	-19.06	-55.43	-62.36	8.30	11.60	V
	11376.00	-44.31	-40	-4.31	-49.66	-45.83	10.48	12.00	V
	15168.00	-52.36	-40	-12.36	-58.53	-54.06	11.80	13.50	V
LTE Band14 Middle	1576.94	-67.37	-42.15	-25.22	-73.64	-70.62	4.00	9.40	H
	2365.41	-61.67	-13	-48.67	-72.18	-65.24	4.88	10.60	H
	3153.88	-62.24	-13	-49.24	-75.30	-67.17	5.52	12.60	H
	1576.94	-67.07	-42.15	-24.92	-73.57	-70.32	4.00	9.40	V
	2365.41	-61.71	-13	-48.71	-72.62	-65.28	4.88	10.60	V
	3153.88	-60.95	-13	-47.95	-74.56	-65.88	5.52	12.60	V
NR n77 Highest	7762.40	-51.66	-13	-38.66	-48.55	-54.96	8.32	11.62	H
	11643.60	-50.08	-13	-37.08	-55.39	-51.76	10.52	12.20	H
	15524.80	-55.12	-13	-42.12	-59.60	-56.82	11.85	13.55	H
	7762.40	-57.26	-13	-44.26	-54.13	-60.56	8.32	11.62	V
	11643.60	-46.75	-13	-33.75	-52.09	-48.43	10.52	12.20	V
	15524.80	-55.02	-13	-42.02	-59.70	-56.72	11.85	13.55	V
LTE Band14 Highest	1576.94	-67.35	-42.15	-25.20	-73.62	-70.60	4.00	9.40	H
	2365.41	-60.83	-13	-47.83	-71.34	-64.40	4.88	10.60	H
	3153.88	-61.84	-13	-48.84	-74.90	-66.77	5.52	12.60	H
	1576.94	-66.79	-42.15	-24.64	-73.29	-70.04	4.00	9.40	V
	2365.41	-63.44	-13	-50.44	-74.35	-67.01	4.88	10.60	V
	3153.88	-60.75	-13	-47.75	-74.36	-65.68	5.52	12.60	V

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



EN-DC_30A_n77A / LTE 10MHz + NR 100MHz / QPSK(2+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 Lowest	7402.4	-58.92	-13	-45.92	-56.07	-62.25	8.25	11.58	H
	11103.6	-53.69	-13	-40.69	-57.78	-55.24	10.45	12.00	H
	14804.8	-51.38	-13	-38.38	-58.51	-53.09	11.74	13.45	H
	7402.4	-58.40	-13	-45.40	-55.6	-61.73	8.25	11.58	V
	11103.6	-54.13	-13	-41.13	-57.93	-55.68	10.45	12.00	V
	14804.8	-51.87	-13	-38.87	-59.18	-53.58	11.74	13.45	V
LTE Band30 Lowest	4611.50	-62.14	-40	-22.14	-79.46	-68.39	6.45	12.70	H
	6916.50	-60.72	-40	-20.72	-55.74	-64.12	8.40	11.80	H
	9222.00	-55.14	-40	-15.14	-56.52	-57.49	9.65	12.00	H
	4611.50	-60.57	-40	-20.57	-77.74	-66.82	6.45	12.70	V
	6916.50	-58.39	-40	-18.39	-53.37	-61.79	8.40	11.80	V
	9222.00	-56.20	-40	-16.20	-57.16	-58.55	9.65	12.00	V
NR n77 Middle	7584	-59.48	-13	-46.48	-56.06	-61.00	11.98	13.50	H
	11376	-53.10	-13	-40.10	-58.64	-53.10	13.60	13.60	H
	15168	-52.86	-13	-39.86	-58.72	-52.46	15.50	15.10	H
	7584	-59.77	-13	-46.77	-56.14	-61.29	11.98	13.50	V
	11376	-53.20	-13	-40.20	-58.55	-53.20	13.60	13.60	V
	15168	-52.71	-13	-39.71	-58.88	-52.31	15.50	15.10	V
LTE Band30 Middle	4611.50	-62.59	-40	-22.59	-79.91	-68.84	6.45	12.70	H
	6916.50	-60.90	-40	-20.90	-55.92	-64.30	8.40	11.80	H
	9222.00	-55.26	-40	-15.26	-56.64	-57.61	9.65	12.00	H
	4611.50	-60.86	-40	-20.86	-78.03	-67.11	6.45	12.70	V
	6916.50	-57.91	-40	-17.91	-52.89	-61.31	8.40	11.80	V
	9222.00	-55.88	-40	-15.88	-56.84	-58.23	9.65	12.00	V
NR n77 Highest	7762.4	-59.11	-13	-46.11	-56.00	-62.41	8.32	11.62	H
	11643.6	-53.10	-13	-40.10	-58.41	-54.78	10.52	12.20	H
	15524.8	-55.53	-13	-42.53	-60.01	-57.23	11.85	13.55	H
	7762.4	-58.95	-13	-45.95	-55.82	-62.25	8.32	11.62	V
	11643.6	-52.92	-13	-39.92	-58.26	-54.60	10.52	12.20	V
	15524.8	-55.36	-13	-42.36	-60.04	-57.06	11.85	13.55	V
LTE Band30 Highest	4611.50	-61.76	-40	-21.76	-79.08	-68.01	6.45	12.70	H
	6916.50	-60.90	-40	-20.90	-55.92	-64.30	8.40	11.80	H
	9222.00	-55.17	-40	-15.17	-56.55	-57.52	9.65	12.00	H
	4611.50	-60.11	-40	-20.11	-77.28	-66.36	6.45	12.70	V
	6916.50	-58.83	-40	-18.83	-53.81	-62.23	8.40	11.80	V
	9222.00	-55.94	-40	-15.94	-56.9	-58.29	9.65	12.00	V

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



n77 UL MIMO / NR 100+100MHz / QPSK(ANT4+7)									
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)
Lowest	7402.4	-41.62	-13	-28.62	-38.77	-44.95	8.25	11.58	H
	11103.6	-54.52	-13	-41.52	-58.61	-56.07	10.45	12.00	H
	14804.8	-52.23	-13	-39.23	-59.36	-53.94	11.74	13.45	H
	7402.4	-52.04	-13	-39.04	-49.24	-55.37	8.25	11.58	V
	11103.6	-48.05	-13	-35.05	-51.85	-49.60	10.45	12.00	V
	14804.8	-52.10	-13	-39.10	-59.41	-53.81	11.74	13.45	V
Middle	7584	-34.91	-13	-21.91	-31.49	-36.43	11.98	13.50	H
	11376	-49.13	-13	-36.13	-54.67	-49.13	13.60	13.60	H
	15168	-53.22	-13	-40.22	-59.08	-52.82	15.50	15.10	H
	7584	-46.40	-13	-33.40	-42.77	-47.92	11.98	13.50	V
	11376	-49.45	-13	-36.45	-54.8	-49.45	13.60	13.60	V
	15168	-53.01	-13	-40.01	-59.18	-52.61	15.50	15.10	V
Highest	7762.4	-31.82	-13	-18.82	-28.71	-35.12	8.32	11.62	H
	11643.6	-51.12	-13	-38.12	-56.43	-52.80	10.52	12.20	H
	15524.8	-55.82	-13	-42.82	-60.30	-57.52	11.85	13.55	H
	7762.4	-44.71	-13	-31.71	-41.58	-48.01	8.32	11.62	V
	11643.6	-50.15	-13	-37.15	-55.49	-51.83	10.52	12.20	V
	15524.8	-55.80	-13	-42.80	-60.48	-57.50	11.85	13.55	V

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

n77 SA / NR 100MHz / QPSK(ANT4) Other PA									
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)
Lowest	7402.4	-40.71	-13	-27.71	-37.86	-44.04	8.25	11.58	H
	11103.6	-54.18	-13	-41.18	-58.27	-55.73	10.45	12.00	H
	14804.8	-54.61	-13	-41.61	-61.74	-56.32	11.74	13.45	H
	7402.4	-38.11	-13	-25.11	-35.31	-41.44	8.25	11.58	V
	11103.6	-54.67	-13	-41.67	-58.47	-56.22	10.45	12.00	V
	14804.8	-54.26	-13	-41.26	-61.57	-55.97	11.74	13.45	V
Middle	7584	-37.33	-13	-24.33	-33.91	-38.85	11.98	13.50	H
	11376	-53.72	-13	-40.72	-59.26	-53.72	13.60	13.60	H
	15168	-58.07	-13	-45.07	-63.93	-57.67	15.50	15.10	H
	7584	-39.66	-13	-26.66	-36.03	-41.18	11.98	13.50	V
	11376	-53.90	-13	-40.90	-59.25	-53.90	13.60	13.60	V
	15168	-57.95	-13	-44.95	-64.12	-57.55	15.50	15.10	V
Highest	7762.4	-35.07	-13	-22.07	-31.96	-38.37	8.32	11.62	H
	11643.6	-53.43	-13	-40.43	-58.74	-55.11	10.52	12.20	H
	15524.8	-59.46	-13	-46.46	-63.94	-61.16	11.85	13.55	H
	7762.4	-33.91	-13	-20.91	-30.78	-37.21	8.32	11.62	V
	11643.6	-53.38	-13	-40.38	-58.72	-55.06	10.52	12.20	V
	15524.8	-57.41	-13	-44.41	-62.09	-59.11	11.85	13.55	V

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