

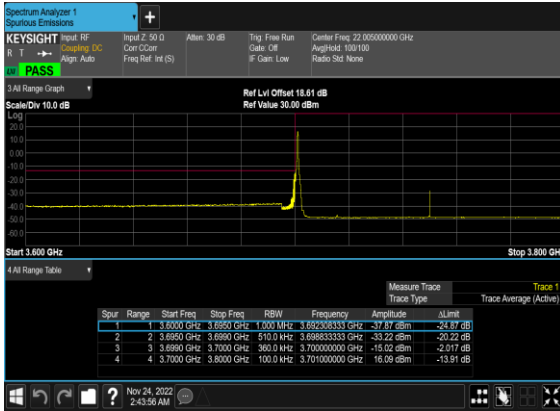
N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



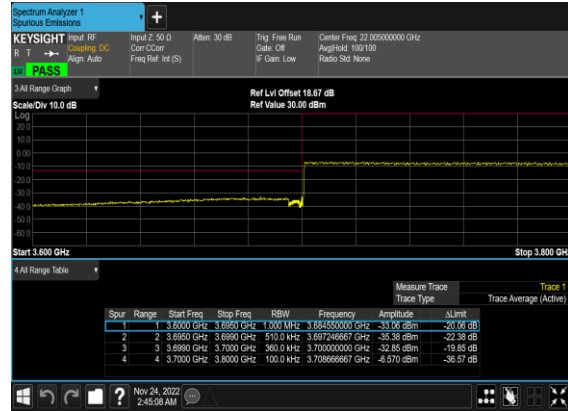
N77(60M)_CP-
OFDM_QPSK_Outer_Full_High_CH



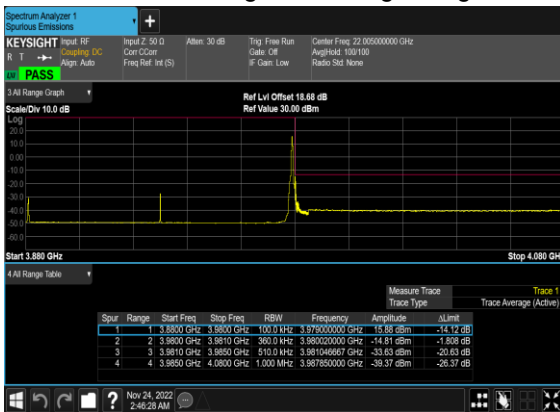
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



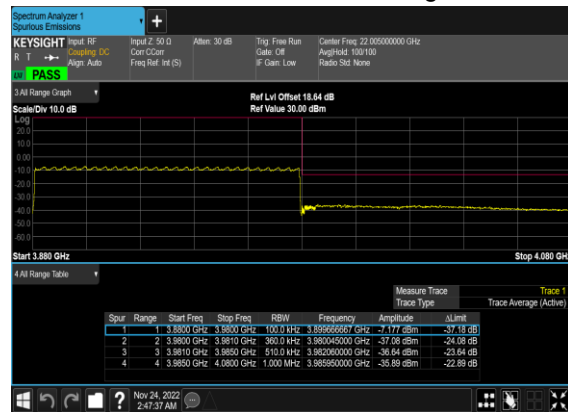
N77(100M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_CP-
OFDM_QPSK_Outer_Full_High_CH



FR1 N77 MIMO-ANT8

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0031	PASS	NV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0057	PASS	LV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0025	PASS	HV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0058	PASS	-30°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0027	PASS	-20°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0043	PASS	-10°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0025	PASS	0°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0021	PASS	10°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0031	PASS	20°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0041	PASS	30°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0025	PASS	40°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0033	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	647334	3710.01	CP-OFDM QPSK	51@0	10.24	13	PASS
77	30	20	647334	3710.01	CP-OFDM QPSK	1@0	11.99	13	PASS
77	30	20	656000	3549.99	CP-OFDM QPSK	51@0	9.59	13	PASS
77	30	20	656000	3840.0	CP-OFDM QPSK	1@0	11.58	13	PASS
77	30	20	664666	3969.99	CP-OFDM QPSK	51@0	9.94	13	PASS
77	30	20	664666	3969.99	CP-OFDM QPSK	1@0	12.71	13	PASS

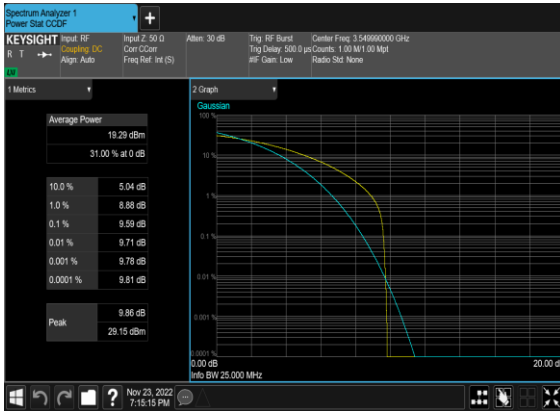
N77(20M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



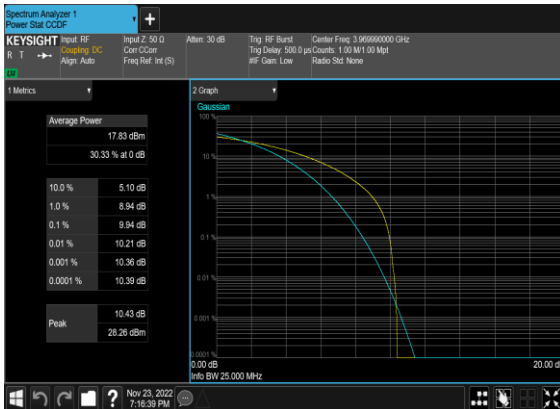
N77(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



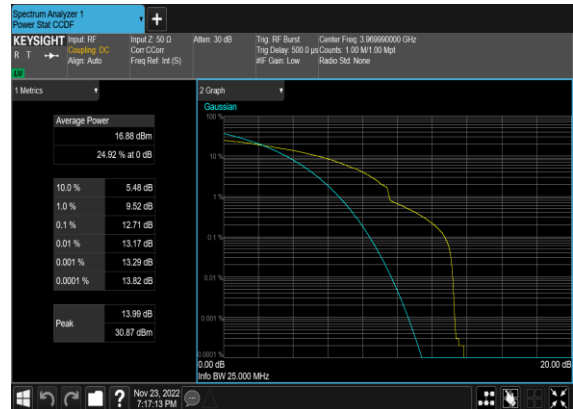
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(20M)_CP-
OFDM_QPSK_Outer_Full_High_CH



N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

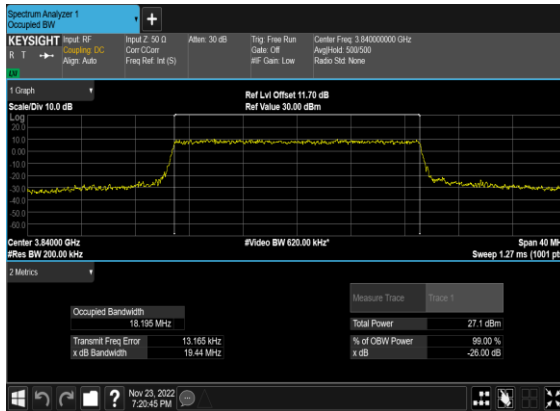


Occupied Bandwidth

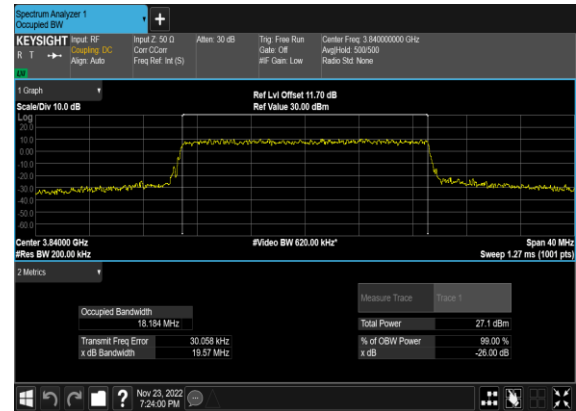
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.195	19.44
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	18.184	19.57
77	30	20	656000	3840.0	CP-OFDM 64 QAM	51@0	18.152	19.11
77	30	20	656000	3840.0	CP-OFDM 256 QAM	51@0	18.163	19.15
77	30	30	656000	3840.0	CP-OFDM QPSK	78@0	27.81	29.05
77	30	30	656000	3840.0	CP-OFDM 16 QAM	78@0	27.82	29.1
77	30	30	656000	3840.0	CP-OFDM 64 QAM	78@0	27.877	29.09
77	30	30	656000	3840.0	CP-OFDM 256 QAM	78@0	27.785	29.18
77	30	40	656000	3840.0	CP-OFDM QPSK	106@0	37.817	39.49
77	30	40	656000	3840.0	CP-OFDM 16 QAM	106@0	37.782	39.48
77	30	40	656000	3840.0	CP-OFDM 64 QAM	106@0	37.836	39.32
77	30	40	656000	3840.0	CP-OFDM 256 QAM	106@0	37.797	39.33
77	30	50	656000	3840.0	CP-OFDM QPSK	133@0	47.541	49.24
77	30	50	656000	3840.0	CP-OFDM 16 QAM	133@0	47.458	49.36
77	30	50	656000	3840.0	CP-OFDM 64 QAM	133@0	47.593	49.34
77	30	50	656000	3840.0	CP-OFDM 256 QAM	133@0	47.335	49.36
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.856	59.7
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.881	59.82
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.748	59.77
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.827	59.9
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.566	69.83
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.532	69.72
77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.42	69.65
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.448	69.48
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.475	79.95

77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.512	80.06
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.569	80.15
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.577	80.01
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.612	90.2
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.57	90.4
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.397	90.41
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.582	90.25
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.461	100.5
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.54	100.6
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.669	100.5
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.603	100.5

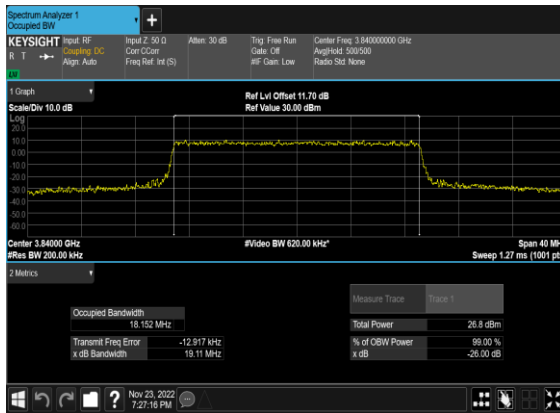
N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



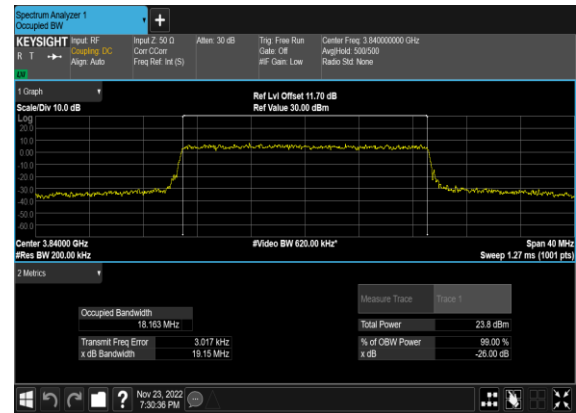
N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



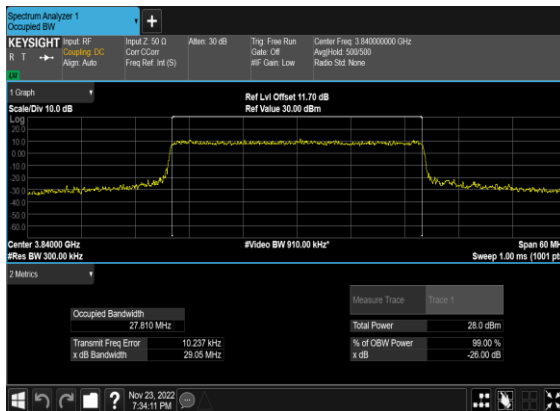
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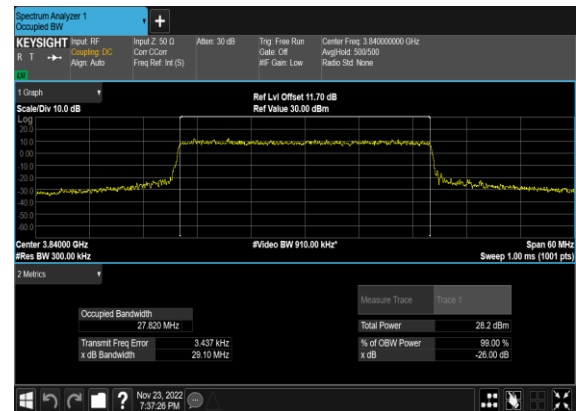
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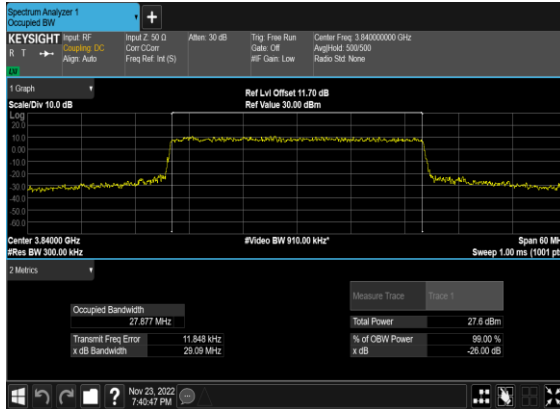
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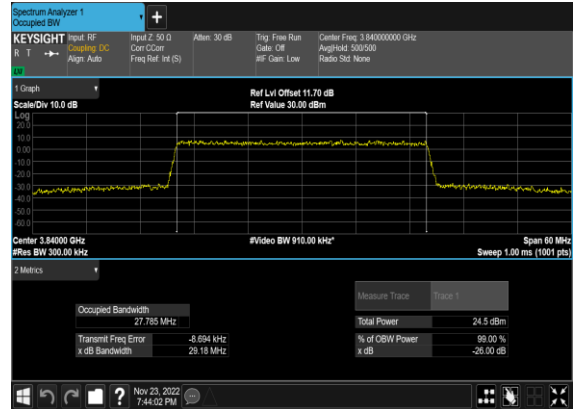
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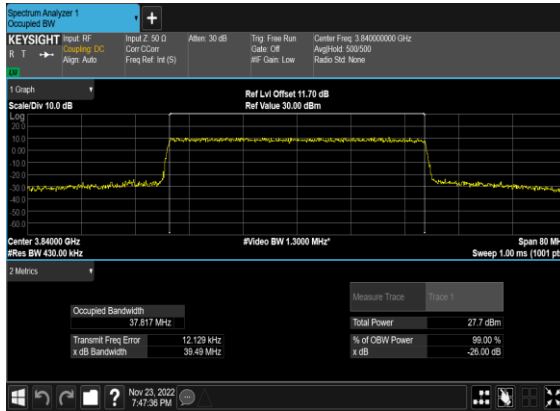
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N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



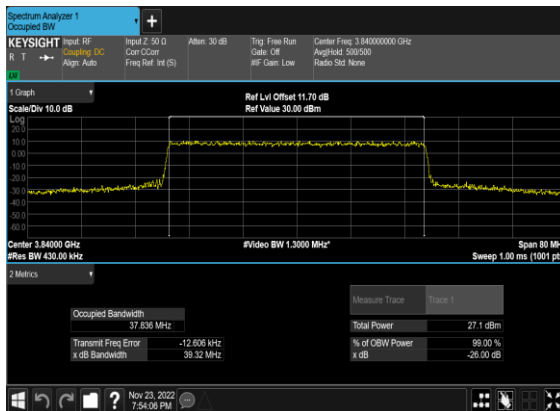
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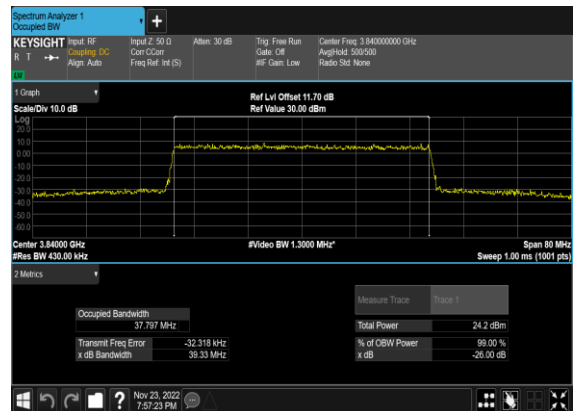
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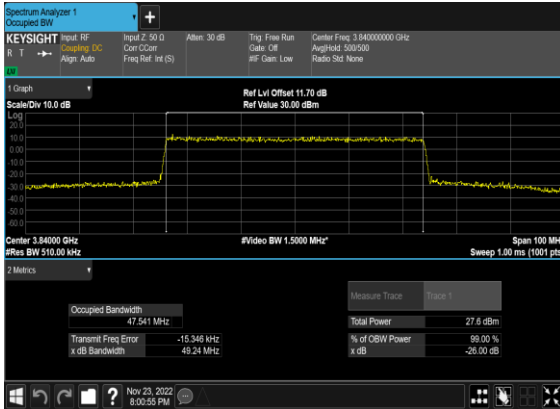
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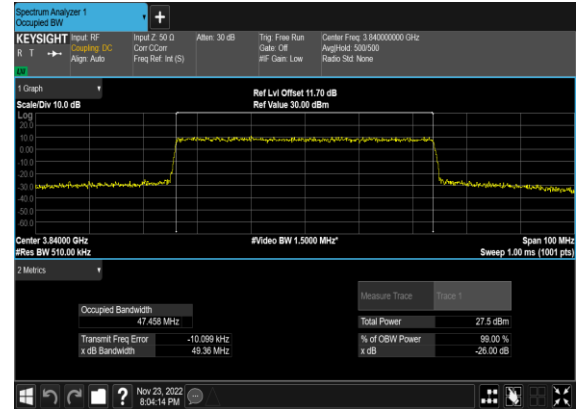
N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



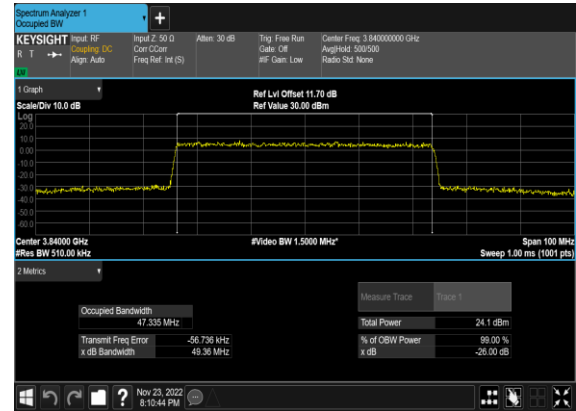
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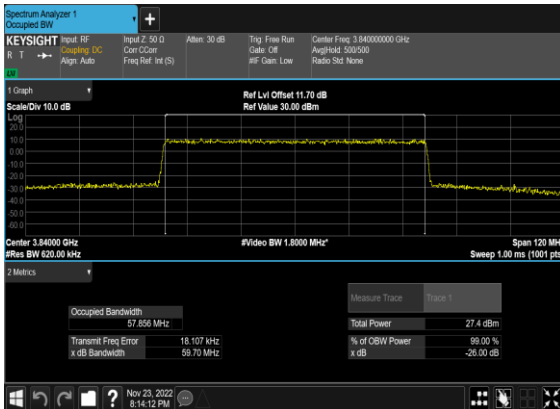
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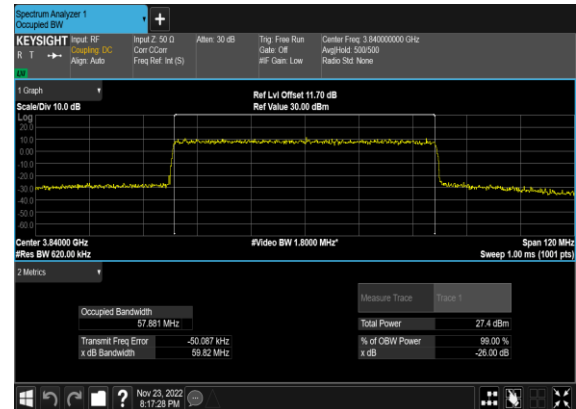
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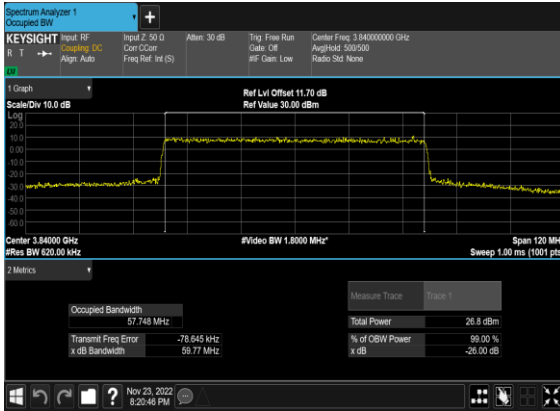
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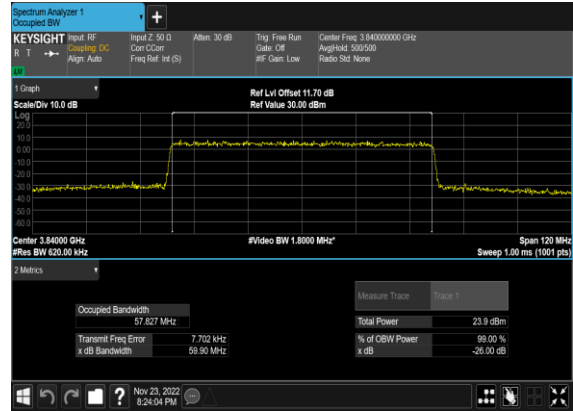
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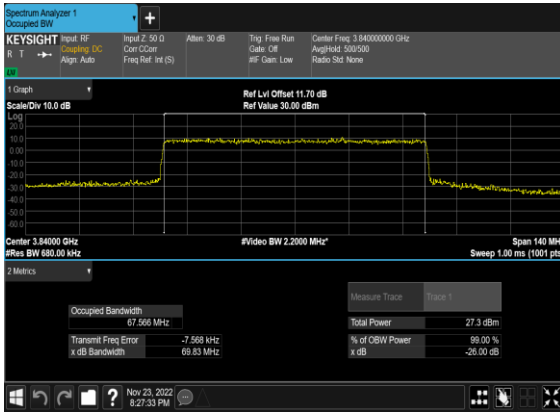
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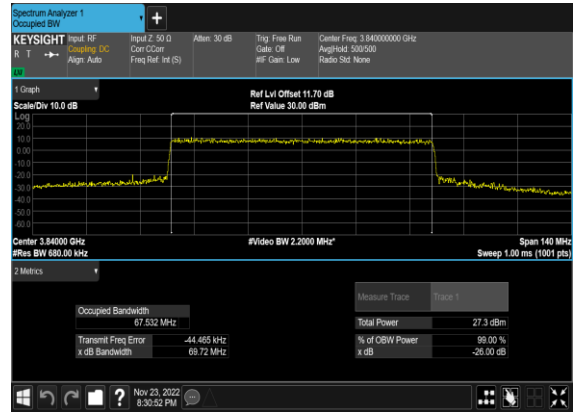
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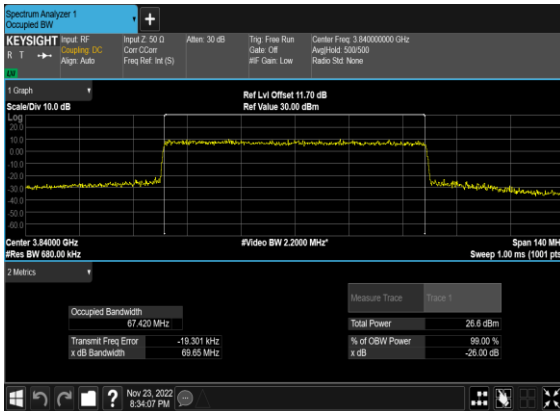
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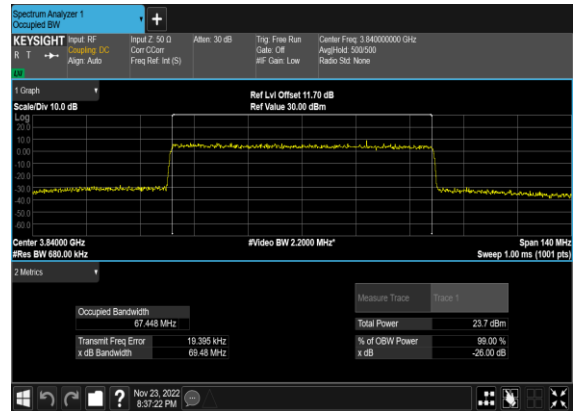
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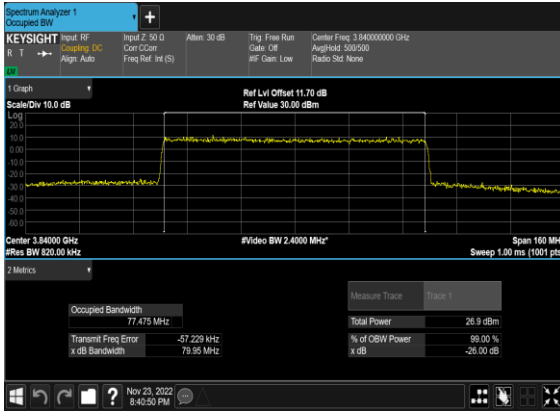
N77(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



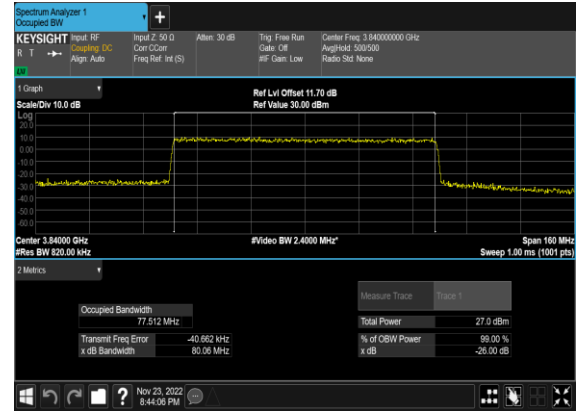
N77(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



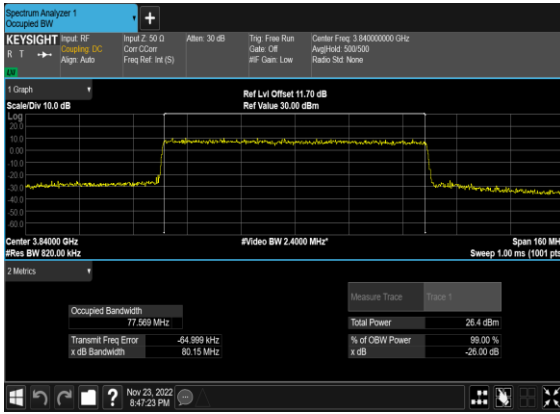
N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



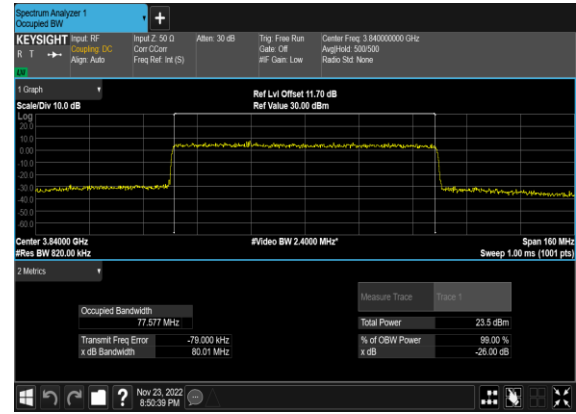
N77(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



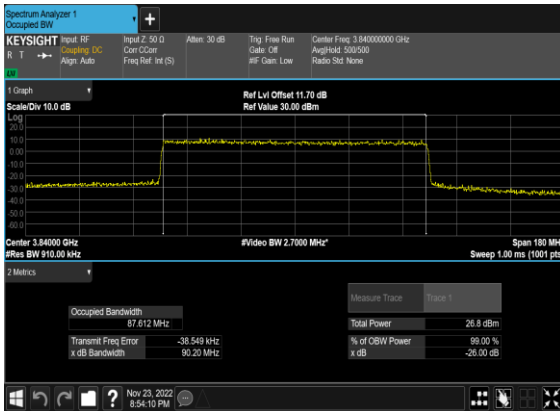
N77(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



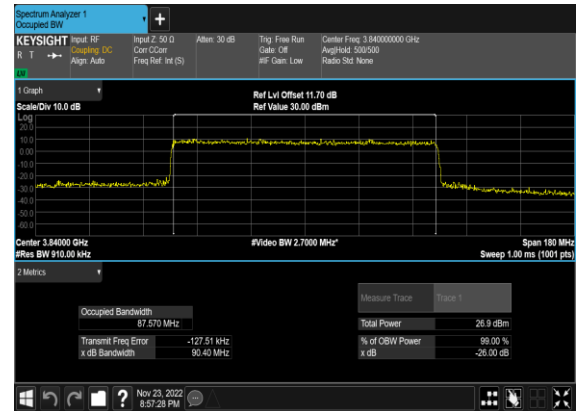
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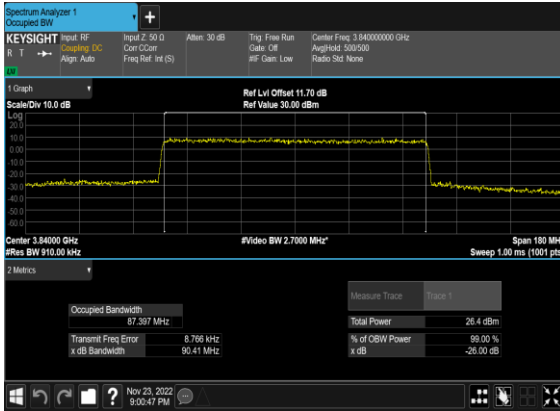
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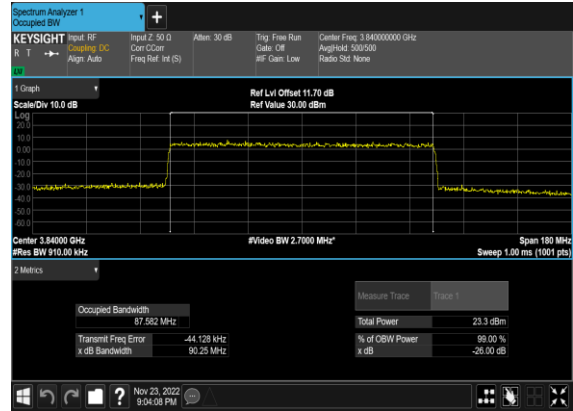
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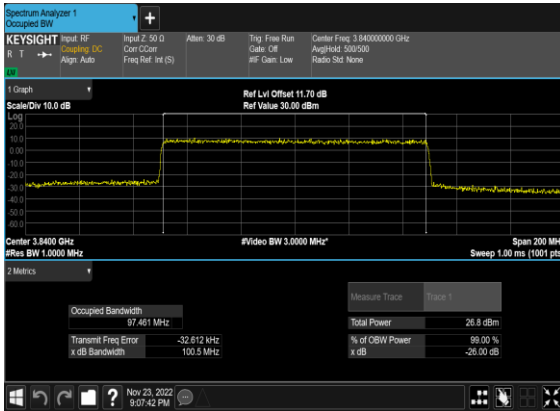
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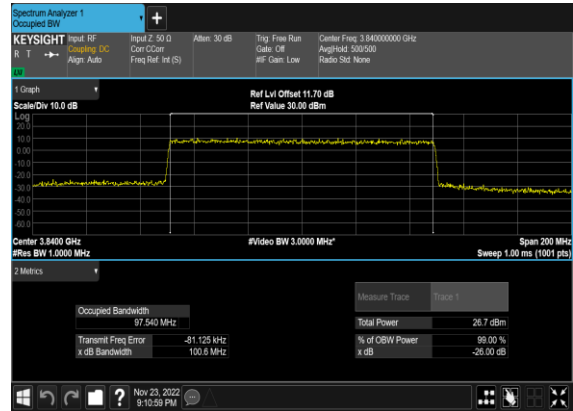
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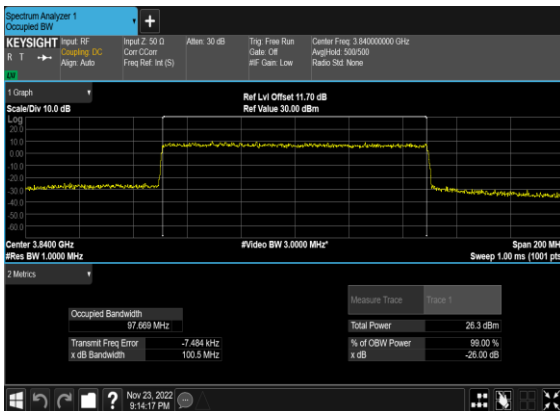
N77(100M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



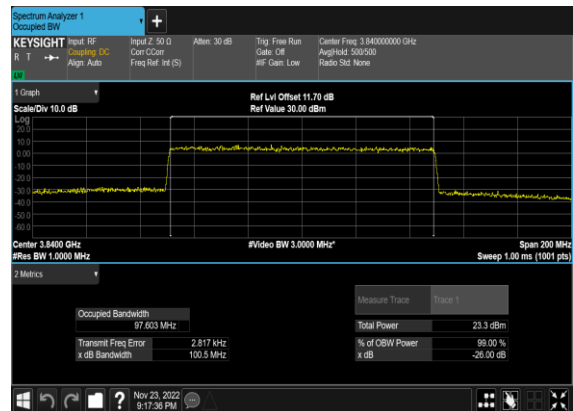
N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

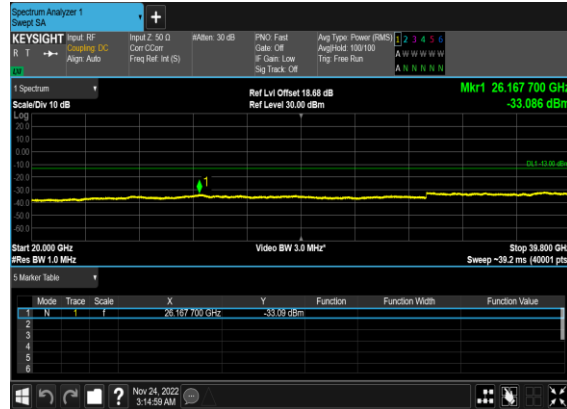
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	647334	3710.01	CP-OFDM QPSK	1@0	see graph	---
77	30	20	647334	3710.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---
77	30	20	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	CP-OFDM QPSK	1@0	see graph	---
77	30	20	664666	3969.99	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	---
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---
77	30	60	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM QPSK	1@0	see graph	---
77	30	60	663332	3949.98	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	---
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---

77	30	100	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM QPSK	1@0	see graph	---
77	30	100	662000	3930.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM QPSK	1@0	see graph	PASS

N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



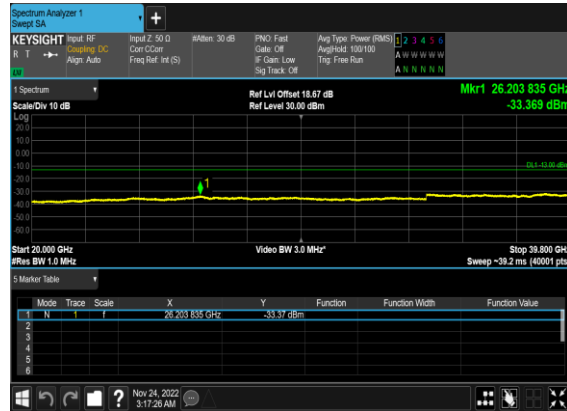
N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



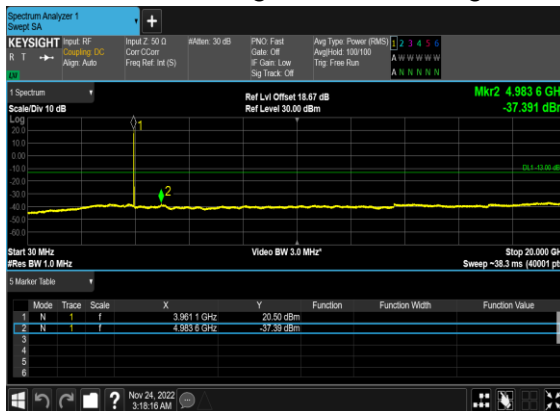
N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



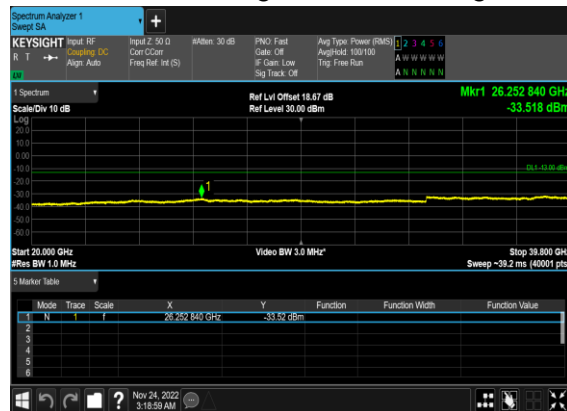
N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



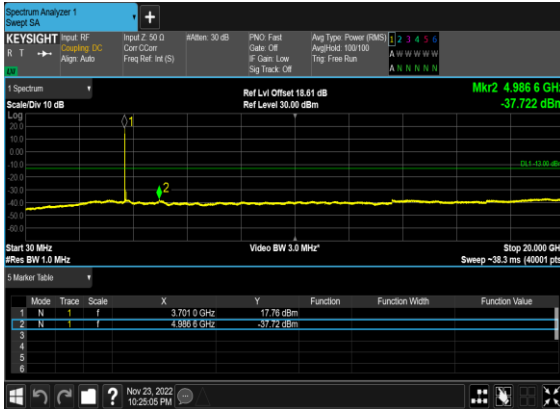
N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



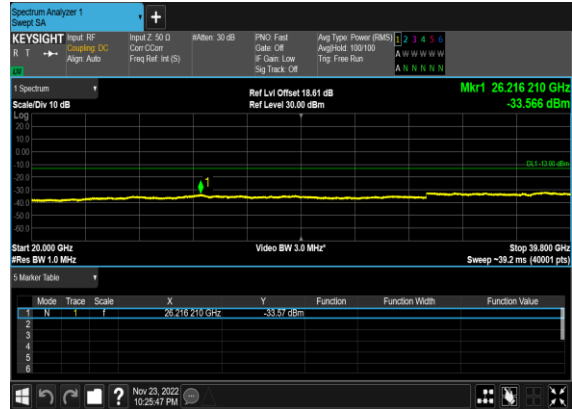
N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



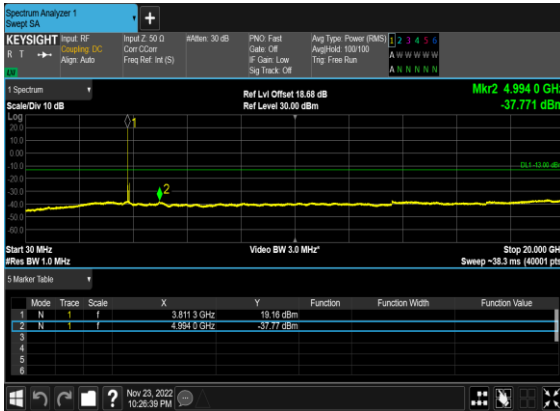
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



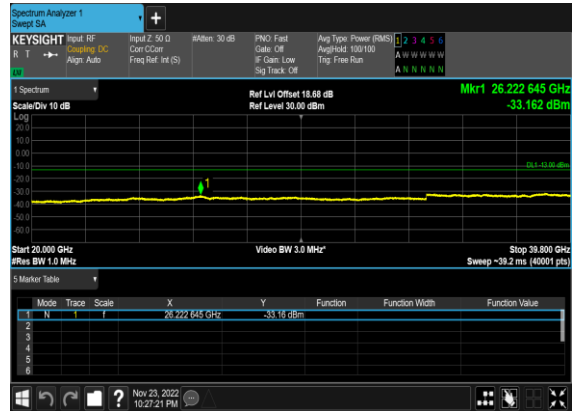
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



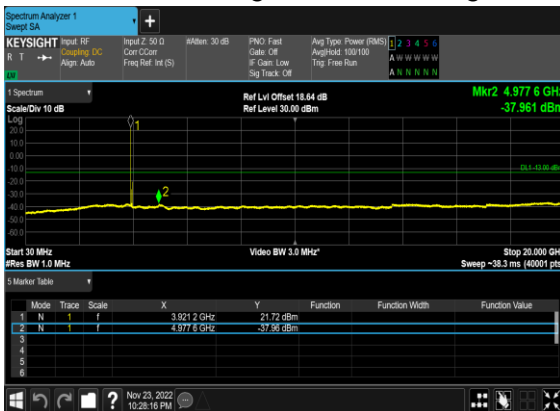
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



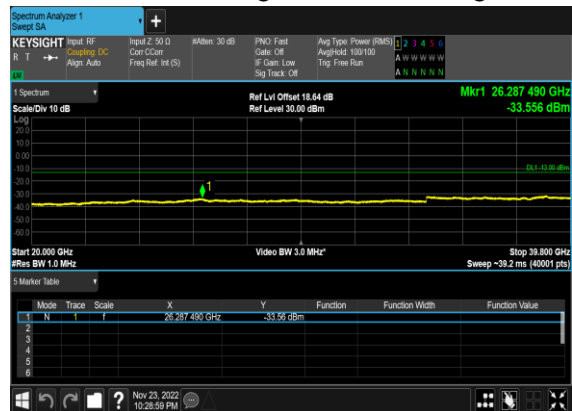
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



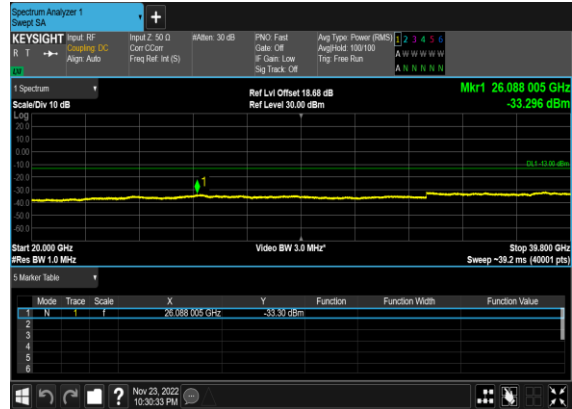
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



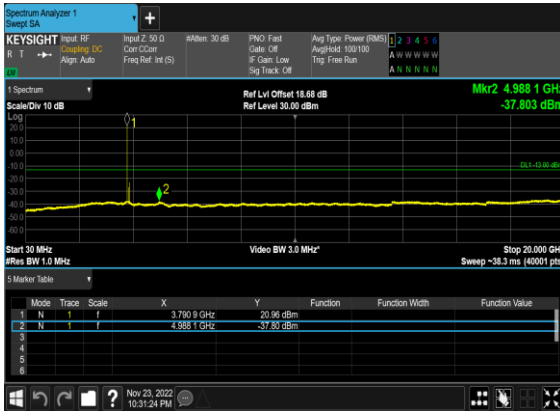
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



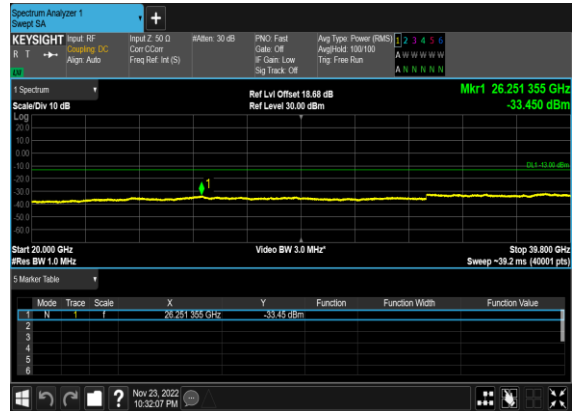
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



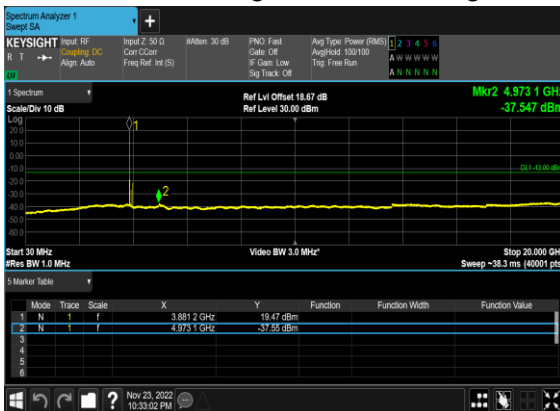
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



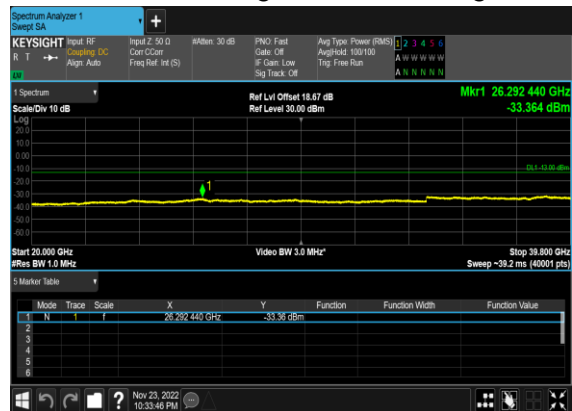
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



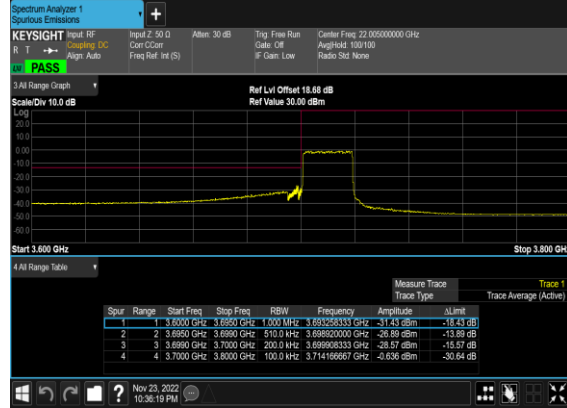
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	647334	3710.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	CP-OFDM QPSK	51@0	see graph	PASS
77	30	20	664666	3969.99	CP-OFDM QPSK	1@50	see graph	PASS
77	30	20	664666	3969.99	CP-OFDM QPSK	51@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM QPSK	162@0	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM QPSK	1@161	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM QPSK	162@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	273@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM QPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM QPSK	273@0	see graph	PASS

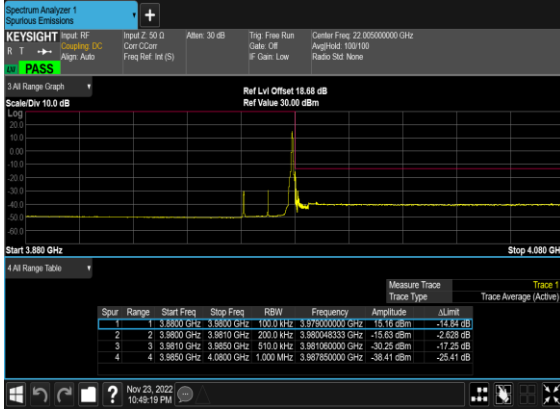
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



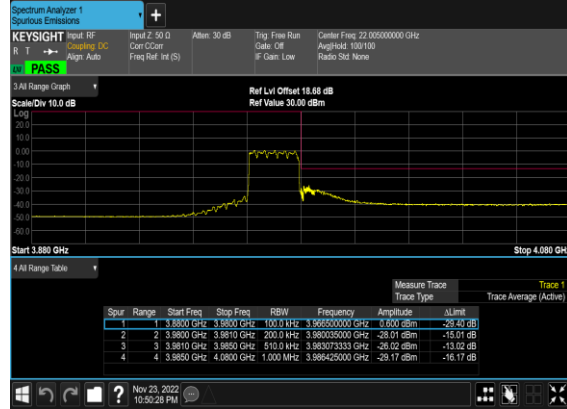
N77(20M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



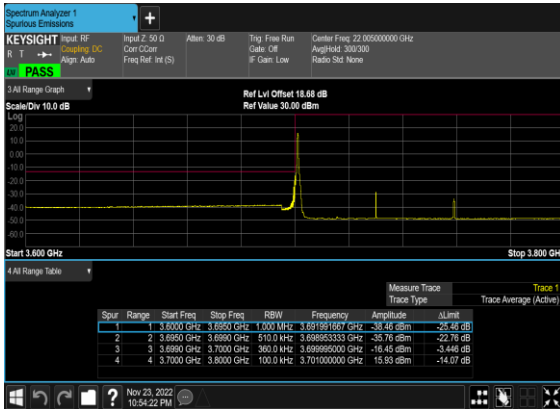
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



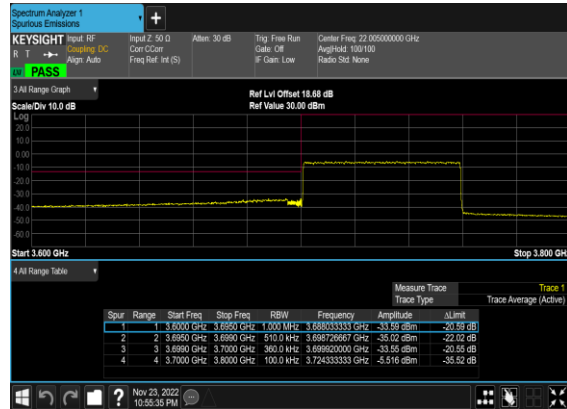
N77(20M)_CP-
OFDM_QPSK_Outer_Full_High_CH



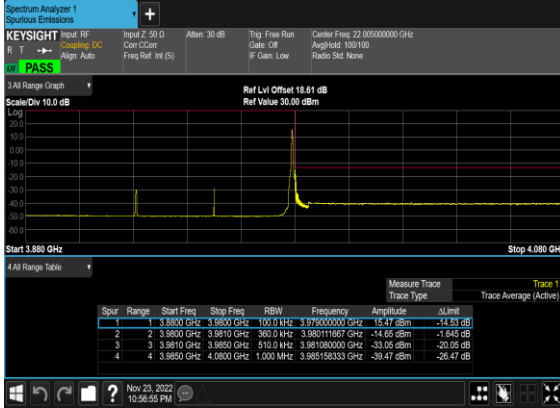
N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



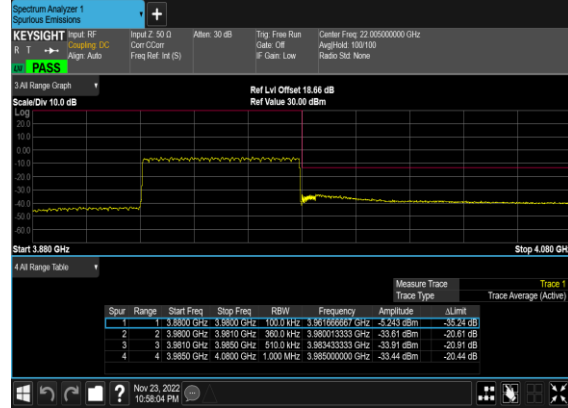
N77(60M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



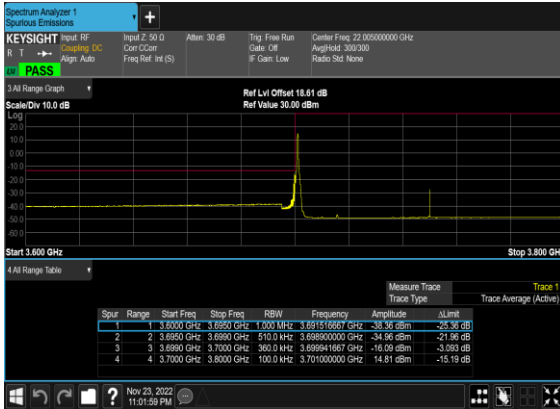
N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



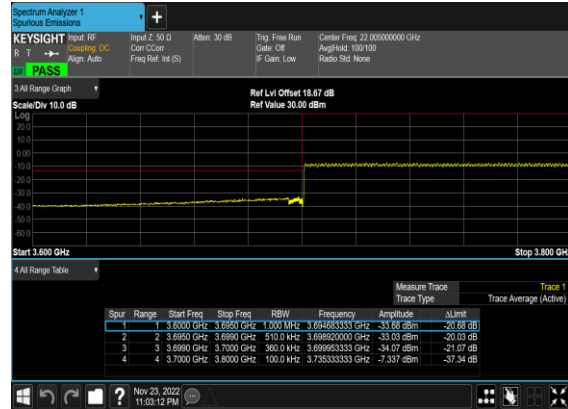
N77(60M)_CP-
OFDM_QPSK_Outer_Full_High_CH



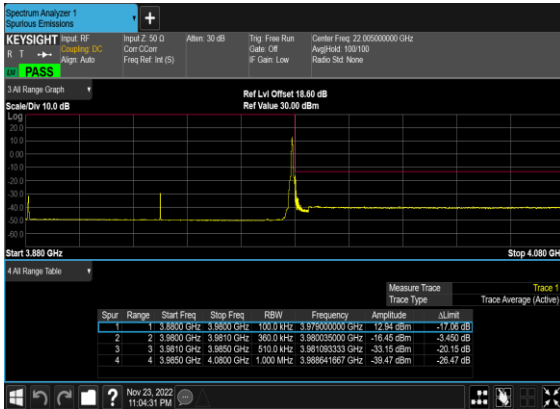
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



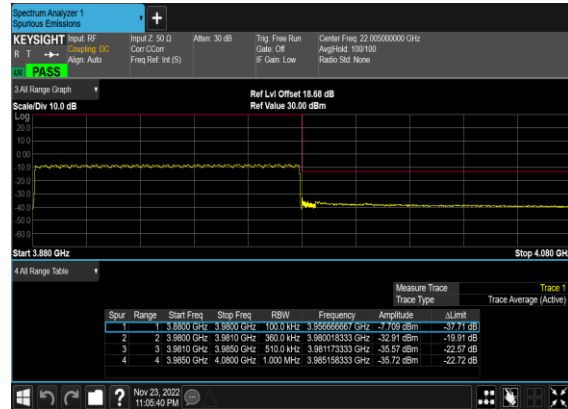
N77(100M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_CP-
OFDM_QPSK_Outer_Full_High_CH



FR1 N78 MIMO-ANT(7+8)

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-5.0dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT8 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	20	647334	3710.01	CP-OFDM QPSK	1@1	19.79	22.31	24.24	19.24	0.0839
78	30	20	647334	3710.01	CP-OFDM 16 QAM	1@1	19.45	21.96	23.89	18.89	0.0774
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	20.04	22.07	24.18	19.18	0.0828
78	30	20	652666	3789.99	CP-OFDM 16 QAM	1@1	19.39	21.82	23.78	18.78	0.0755
78	30	30	647668	3715.02	CP-OFDM QPSK	1@1	19.79	22.47	24.34	19.34	0.0859
78	30	30	647668	3715.02	CP-OFDM 16 QAM	1@1	19.19	22.02	23.84	18.84	0.0766
78	30	30	650000	3750	CP-OFDM QPSK	1@1	20.16	22.65	24.59	19.59	0.0910
78	30	30	650000	3750	CP-OFDM 16 QAM	1@1	19.68	22.04	24.03	19.03	0.0800
78	30	30	652332	3784.98	CP-OFDM QPSK	1@1	20.28	22.33	24.44	19.44	0.0879
78	30	30	652332	3784.98	CP-OFDM 16 QAM	1@1	19.51	21.82	23.83	18.83	0.0764
78	30	40	648000	3720	CP-OFDM QPSK	1@1	20.06	22.43	24.42	19.42	0.0875
78	30	40	648000	3720	CP-OFDM 16 QAM	1@1	19.65	22.02	24.01	19.01	0.0796
78	30	40	650000	3750	CP-OFDM QPSK	1@1	20.21	22.34	24.41	19.41	0.0873
78	30	40	650000	3750	CP-OFDM 16 QAM	1@1	19.9	22.34	24.30	19.30	0.0851
78	30	40	652000	3780	CP-OFDM QPSK	1@1	20.25	22.57	24.57	19.57	0.0906
78	30	40	652000	3780	CP-OFDM 16 QAM	1@1	19.56	22.21	24.09	19.09	0.0811
78	30	50	648334	3725.01	CP-OFDM QPSK	1@1	19.68	22.1	24.07	19.07	0.0807
78	30	50	648334	3725.01	CP-OFDM 16 QAM	1@1	19.29	21.65	23.64	18.64	0.0731
78	30	50	650000	3750	CP-OFDM QPSK	1@1	19.77	22.33	24.25	19.25	0.0841
78	30	50	650000	3750	CP-OFDM 16 QAM	1@1	19.23	21.93	23.80	18.80	0.0759
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	19.76	22.22	24.17	19.17	0.0826
78	30	50	651666	3774.99	CP-OFDM 16 QAM	1@1	19.14	21.93	23.77	18.77	0.0753
78	30	60	648668	3730.02	CP-OFDM QPSK	1@1	19.51	21.92	23.89	18.89	0.0774
78	30	60	648668	3730.02	CP-OFDM 16 QAM	1@1	19.11	21.69	23.60	18.60	0.0724
78	30	60	650000	3750	CP-OFDM QPSK	1@1	19.69	22.18	24.12	19.12	0.0817
78	30	60	650000	3750	CP-OFDM 16 QAM	1@1	19.15	21.92	23.76	18.76	0.0752
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	17.43	22.31	23.53	18.53	0.0713
78	30	60	651332	3769.98	CP-OFDM 16 QAM	1@1	18.75	21.91	23.62	18.62	0.0728
78	30	70	649000	3735	CP-OFDM QPSK	1@1	19.72	22.15	24.11	19.11	0.0815
78	30	70	649000	3735	CP-OFDM 16 QAM	1@1	19.23	21.39	23.45	18.45	0.0700
78	30	70	650000	3750	CP-OFDM QPSK	1@1	19.78	22.26	24.20	19.20	0.0832
78	30	70	650000	3750	CP-OFDM 16 QAM	1@1	19.24	21.9	23.78	18.78	0.0755
78	30	70	651000	3765	CP-OFDM QPSK	1@1	19.77	22.5	24.36	19.36	0.0863
78	30	70	651000	3765	CP-OFDM 16 QAM	1@1	19.41	22.04	23.93	18.93	0.0782

78	30	80	649334	3740.01	CP-OFDM QPSK	1@1	19.67	22.07	24.04	19.04	0.0802
78	30	80	649334	3740.01	CP-OFDM 16 QAM	1@1	19.22	21.61	23.59	18.59	0.0723
78	30	80	650000	3750	CP-OFDM QPSK	1@1	19.2	21.59	23.57	18.57	0.0719
78	30	80	650000	3750	CP-OFDM 16 QAM	1@1	18.96	21.88	23.67	18.67	0.0736
78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	19.71	22.31	24.21	19.21	0.0834
78	30	80	650666	3759.99	CP-OFDM 16 QAM	1@1	19.04	21.86	23.69	18.69	0.0740
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	19.63	22.07	24.03	19.03	0.0800
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@1	19.28	21.61	23.61	18.61	0.0726
78	30	90	650000	3750	CP-OFDM QPSK	1@1	19.69	22.28	24.19	19.19	0.0830
78	30	90	650000	3750	CP-OFDM 16 QAM	1@1	19.2	21.71	23.64	18.64	0.0731
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	19.62	22.24	24.13	19.13	0.0818
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@1	18.95	21.77	23.60	18.60	0.0724
78	30	100	650000	3750	CP-OFDM QPSK	1@1	20.5	22.46	24.60	19.60	0.0912
78	30	100	650000	3750	CP-OFDM QPSK	1@271	19.91	21.92	24.04	19.04	0.0802
78	30	100	650000	3750	CP-OFDM 16 QAM	137@68	19.38	21.86	23.80	18.80	0.0759
78	30	100	650000	3750	CP-OFDM 16 QAM	1@1	19.2	21.6	23.57	18.57	0.0719
78	30	100	650000	3750	CP-OFDM 16 QAM	1@271	19.35	21.56	23.60	18.60	0.0724
78	30	100	650000	3750	CP-OFDM 64 QAM	137@68	18.27	20.35	22.44	17.44	0.0555
78	30	100	650000	3750	CP-OFDM 64 QAM	1@1	17.84	20.17	22.17	17.17	0.0521
78	30	100	650000	3750	CP-OFDM 64 QAM	1@271	18.2	20.13	22.28	17.28	0.0535
78	30	100	650000	3750	CP-OFDM 256 QAM	137@68	15.35	17.09	19.32	14.32	0.0270
78	30	100	650000	3750	CP-OFDM 256 QAM	1@1	15.22	17.08	19.26	14.26	0.0267
78	30	100	650000	3750	CP-OFDM 256 QAM	1@271	15.51	16.96	19.31	14.31	0.0270



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	23~25°C
		Relative Humidity :	41~42%

Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test and record in the report.

SA n77 / NR 100MHz / QPSK / ANT8								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7410	-63.91	-13	-50.91	-74.12	3.03	13.24	H
	11106	-59.20	-13	-46.20	-68.65	3.56	13.01	H
	14820	-60.47	-13	-47.47	-69.99	3.92	13.44	H
	7410	-63.82	-13	-50.82	-74.03	3.03	13.24	V
	11106	-59.34	-13	-46.34	-68.79	3.56	13.01	V
	14820	-60.51	-13	-47.51	-70.03	3.92	13.44	V
Middle	7584	-61.81	-13	-48.81	-72.02	3.03	13.24	H
	11388	-61.49	-13	-48.49	-70.94	3.56	13.01	H
	15180	-60.20	-13	-47.20	-69.72	3.92	13.44	H
	7584	-63.43	-13	-50.43	-73.64	3.03	13.24	V
	11388	-61.66	-13	-48.66	-71.11	3.56	13.01	V
	15180	-60.24	-13	-47.24	-69.76	3.92	13.44	V
Highest	7770	-63.50	-13	-50.50	-73.71	3.03	13.24	H
	11652	-61.10	-13	-48.10	-70.55	3.56	13.01	H
	15540	-60.05	-13	-47.05	-69.57	3.92	13.44	H
	7770	-63.31	-13	-50.31	-73.52	3.03	13.24	V
	11652	-61.07	-13	-48.07	-70.52	3.56	13.01	V
	15540	-60.00	-13	-47.00	-69.52	3.92	13.44	V

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



EN-DC_2A_n77A / LTE 10MHz + NR 100MHz / QPSK / ANT2 (LTE) & ANT8(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7410	-63.96	-13	-50.96	-74.17	3.03	13.24	H
	11112	-61.25	-13	-48.25	-70.70	3.56	13.01	H
	14820	-60.63	-13	-47.63	-70.15	3.92	13.44	H
	7410	-64.04	-13	-51.04	-74.25	3.03	13.24	V
	11112	-60.83	-13	-47.83	-70.28	3.56	13.01	V
	14820	-60.55	-13	-47.55	-70.07	3.92	13.44	V
Middle	7590	-63.59	-13	-50.59	-73.80	3.03	13.24	H
	11388	-61.50	-13	-48.50	-70.95	3.56	13.01	H
	15180	-59.91	-13	-46.91	-69.43	3.92	13.44	H
	7590	-63.52	-13	-50.52	-73.73	3.03	13.24	V
	11388	-61.32	-13	-48.32	-70.77	3.56	13.01	V
	15180	-60.29	-13	-47.29	-69.81	3.92	13.44	V
Highest	7764	-57.02	-13	-44.02	-67.23	3.03	13.24	H
	11652	-61.40	-13	-48.40	-70.85	3.56	13.01	H
	15540	-60.11	-13	-47.11	-69.63	3.92	13.44	H
	7764	-62.40	-13	-49.40	-72.61	3.03	13.24	V
	11652	-61.79	-13	-48.79	-71.24	3.56	13.01	V
	15540	-60.31	-13	-47.31	-69.83	3.92	13.44	V

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

EN-DC_12A_n77A / LTE 10MHz + NR 100MHz / QPSK / ANT0 (LTE) & ANT8(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7410	-63.96	-13	-50.96	-74.17	3.03	13.24	H
	11106	-50.36	-13	-37.36	-59.81	3.56	13.01	H
	14820	-60.20	-13	-47.20	-69.72	3.92	13.44	H
	7410	-64.16	-13	-51.16	-74.37	3.03	13.24	V
	11106	-58.76	-13	-45.76	-68.21	3.56	13.01	V
	14820	-60.53	-13	-47.53	-70.05	3.92	13.44	V
Middle	7584	-62.86	-13	-49.86	-73.07	3.03	13.24	H
	11388	-62.11	-13	-49.11	-71.56	3.56	13.01	H
	15180	-60.72	-13	-47.72	-70.24	3.92	13.44	H
	7584	-62.15	-13	-49.15	-72.36	3.03	13.24	V
	11388	-62.26	-13	-49.26	-71.71	3.56	13.01	V
	15180	-60.47	-13	-47.47	-69.99	3.92	13.44	V
Highest	7764	-61.88	-13	-48.88	-72.09	3.03	13.24	H
	11652	-62.16	-13	-49.16	-71.61	3.56	13.01	H
	15540	-60.18	-13	-47.18	-69.70	3.92	13.44	H
	7764	-62.52	-13	-49.52	-72.73	3.03	13.24	V
	11652	-62.16	-13	-49.16	-71.61	3.56	13.01	V
	15540	-59.89	-13	-46.89	-69.41	3.92	13.44	V

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



EN-DC_14A_n77A / LTE 10MHz + NR 100MHz / QPSK / ANT0 (LTE) & ANT8(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7404	-63.69	-13	-50.69	-73.90	3.03	13.24	H
	11106	-49.63	-13	-36.63	-59.08	3.56	13.01	H
	14820	-60.13	-13	-47.13	-69.65	3.92	13.44	H
	7404	-61.81	-13	-48.81	-72.02	3.03	13.24	V
	11106	-53.62	-13	-40.62	-63.07	3.56	13.01	V
	14820	-60.23	-13	-47.23	-69.75	3.92	13.44	V
Middle	7584	-63.38	-13	-50.38	-73.59	3.03	13.24	H
	11376	-59.91	-13	-46.91	-69.36	3.56	13.01	H
	15180	-59.85	-13	-46.85	-69.37	3.92	13.44	H
	7584	-61.61	-13	-48.61	-71.82	3.03	13.24	V
	11376	-60.94	-13	-47.94	-70.39	3.56	13.01	V
	15180	-60.07	-13	-47.07	-69.59	3.92	13.44	V
Highest	7770	-63.14	-13	-50.14	-73.35	3.03	13.24	H
	11652	-61.10	-13	-48.10	-70.55	3.56	13.01	H
	15540	-60.17	-13	-47.17	-69.69	3.92	13.44	H
	7770	-62.45	-13	-49.45	-72.66	3.03	13.24	V
	11652	-60.83	-13	-47.83	-70.28	3.56	13.01	V
	15540	-59.89	-13	-46.89	-69.41	3.92	13.44	V

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

EN-DC_66A_n77A / LTE 10MHz + NR 100MHz / QPSK / ANT2 (LTE) & ANT8(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7410	-63.89	-13	-50.89	-74.10	3.03	13.24	H
	11112	-61.37	-13	-48.37	-70.82	3.56	13.01	H
	14820	-60.55	-13	-47.55	-70.07	3.92	13.44	H
	7410	-63.59	-13	-50.59	-73.80	3.03	13.24	V
	11112	-61.14	-13	-48.14	-70.59	3.56	13.01	V
	14820	-60.49	-13	-47.49	-70.01	3.92	13.44	V
Middle	7590	-63.62	-13	-50.62	-73.83	3.03	13.24	H
	11388	-61.67	-13	-48.67	-71.12	3.56	13.01	H
	15180	-60.32	-13	-47.32	-69.84	3.92	13.44	H
	7590	-63.50	-13	-50.50	-73.71	3.03	13.24	V
	11388	-61.61	-13	-48.61	-71.06	3.56	13.01	V
	15180	-59.89	-13	-46.89	-69.41	3.92	13.44	V
Highest	7764	-60.40	-13	-47.40	-70.61	3.03	13.24	H
	11652	-61.23	-13	-48.23	-70.68	3.56	13.01	H
	15540	-60.01	-13	-47.01	-69.53	3.92	13.44	H
	7764	-62.46	-13	-49.46	-72.67	3.03	13.24	V
	11652	-61.77	-13	-48.77	-71.22	3.56	13.01	V
	15540	-60.28	-13	-47.28	-69.80	3.92	13.44	V

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



SA n78 / NR 100MHz / QPSK / ANT8								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7404	-61.47	-13	-48.47	-71.68	3.03	13.24	H
	11106	-59.44	-13	-46.44	-68.89	3.56	13.01	H
	14820	-60.04	-13	-47.04	-69.56	3.92	13.44	H
	7404	-62.90	-13	-49.90	-73.11	3.03	13.24	V
	11106	-59.53	-13	-46.53	-68.98	3.56	13.01	V
	14820	-60.42	-13	-47.42	-69.94	3.92	13.44	V

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

EN-DC_5A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT0 (LTE) & ANT8(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7404	-62.01	-13	-49.01	-72.22	3.03	13.24	H
	11112	-61.23	-13	-48.23	-70.68	3.56	13.01	H
	14820	-60.72	-13	-47.72	-70.24	3.92	13.44	H
	7404	-63.49	-13	-50.49	-73.70	3.03	13.24	V
	11112	-61.14	-13	-48.14	-70.59	3.56	13.01	V
	14820	-60.85	-13	-47.85	-70.37	3.92	13.44	V

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

EN-DC_7A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT6 (LTE) & ANT8(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7410	-63.88	-13	-50.88	-74.09	3.03	13.24	H
	11112	-61.28	-13	-48.28	-70.73	3.56	13.01	H
	14820	-60.65	-13	-47.65	-70.17	3.92	13.44	H
	7410	-63.85	-13	-50.85	-74.06	3.03	13.24	V
	11112	-61.44	-13	-48.44	-70.89	3.56	13.01	V
	14820	-60.86	-13	-47.86	-70.38	3.92	13.44	V

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

EN-DC_12A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT0 (LTE) & ANT8(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7404	-62.04	-13	-49.04	-72.25	3.03	13.24	H
	11112	-60.74	-13	-47.74	-70.19	3.56	13.01	H
	14820	-60.59	-13	-47.59	-70.11	3.92	13.44	H
	7404	-62.43	-13	-49.43	-72.64	3.03	13.24	V
	11112	-61.24	-13	-48.24	-70.69	3.56	13.01	V
	14820	-60.58	-13	-47.58	-70.10	3.92	13.44	V

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



EN-DC_66A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT2 (LTE) & ANT8(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7410	-63.66	-13	-50.66	-73.87	3.03	13.24	H
	11112	-60.89	-13	-47.89	-70.34	3.56	13.01	H
	14820	-60.68	-13	-47.68	-70.20	3.92	13.44	H
	7410	-63.63	-13	-50.63	-73.84	3.03	13.24	V
	11112	-61.06	-13	-48.06	-70.51	3.56	13.01	V
	14820	-60.67	-13	-47.67	-70.19	3.92	13.44	V

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

SA n77 UL_MIMO / NR 100MHz / QPSK / ANT7+8(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7410	-64.29	-13	-51.29	-74.50	3.03	13.24	H
	11106	-58.78	-13	-45.78	-68.23	3.56	13.01	H
	14820	-60.10	-13	-47.10	-69.62	3.92	13.44	H
	7410	-64.47	-13	-51.47	-74.68	3.03	13.24	V
	11106	-59.85	-13	-46.85	-69.30	3.56	13.01	V
	14820	-60.17	-13	-47.17	-69.69	3.92	13.44	V
Middle	7584	-61.50	-13	-48.50	-71.71	3.03	13.24	H
	11388	-61.84	-13	-48.84	-71.29	3.56	13.01	H
	15180	-60.40	-13	-47.40	-69.92	3.92	13.44	H
	7584	-63.72	-13	-50.72	-73.93	3.03	13.24	V
	11388	-61.90	-13	-48.90	-71.35	3.56	13.01	V
	15180	-60.51	-13	-47.51	-70.03	3.92	13.44	V
Highest	7764	-61.00	-13	-48.00	-71.21	3.03	13.24	H
	11652	-61.49	-13	-48.49	-70.94	3.56	13.01	H
	15540	-60.22	-13	-47.22	-69.74	3.92	13.44	H
	7764	-62.14	-13	-49.14	-72.35	3.03	13.24	V
	11652	-61.72	-13	-48.72	-71.17	3.56	13.01	V
	15540	-59.95	-13	-46.95	-69.47	3.92	13.44	V

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

SA n78 UL_MIMO / NR 100MHz / QPSK / ANT7+8(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7410	-64.27	-13	-51.27	-74.48	3.03	13.24	H
	11106	-60.34	-13	-47.34	-69.79	3.56	13.01	H
	14820	-60.57	-13	-47.57	-70.09	3.92	13.44	H
	7410	-64.18	-13	-51.18	-74.39	3.03	13.24	V
	11106	-60.34	-13	-47.34	-69.79	3.56	13.01	V
	14820	-60.82	-13	-47.82	-70.34	3.92	13.44	V

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



EN-DC_2A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT2(LTE) & ANT8(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7410	-63.94	-13	-50.94	-74.15	3.03	13.24	H
	11112	-62.19	-13	-49.19	-71.64	3.56	13.01	H
	14820	-60.40	-13	-47.40	-69.92	3.92	13.44	H
	7410	-64.14	-13	-51.14	-74.35	3.03	13.24	V
	11112	-62.18	-13	-49.18	-71.63	3.56	13.01	V
	14820	-60.43	-13	-47.43	-69.95	3.92	13.44	V

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

EN-DC_71A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT8(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7404	-62.49	-13	-49.49	-72.70	3.03	13.24	H
	11106	-52.27	-13	-39.27	-61.72	3.56	13.01	H
	14820	-60.40	-13	-47.40	-69.92	3.92	13.44	H
	7404	-61.05	-13	-48.05	-71.26	3.03	13.24	V
	11106	-54.43	-13	-41.43	-63.88	3.56	13.01	V
	14820	-60.63	-13	-47.63	-70.15	3.92	13.44	V

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