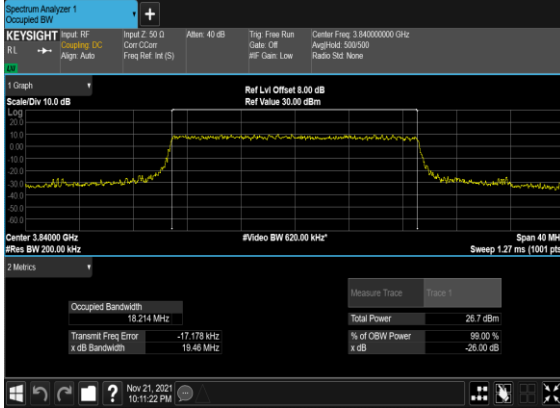


N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



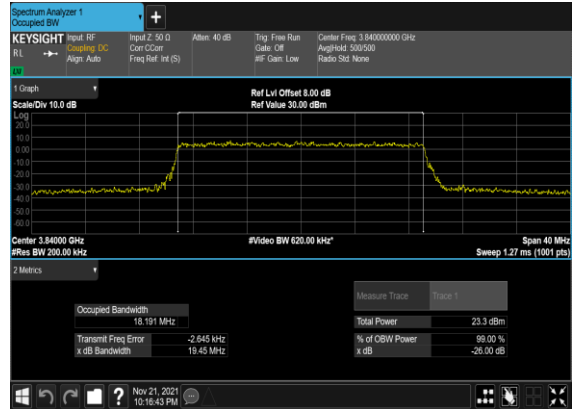
N77(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



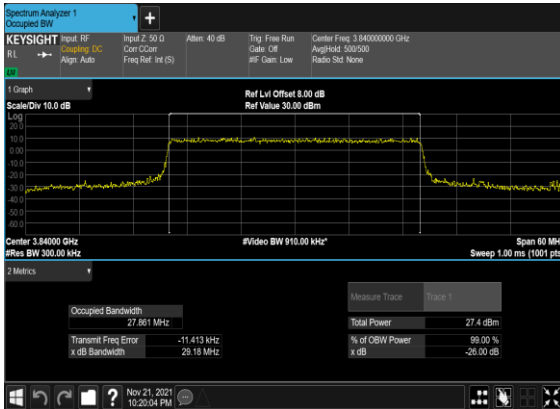
N77(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



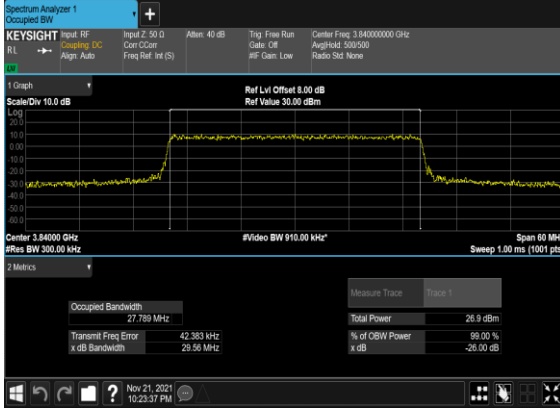
N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



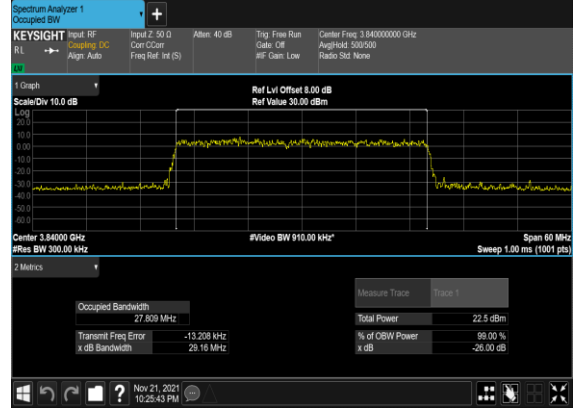
N77(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



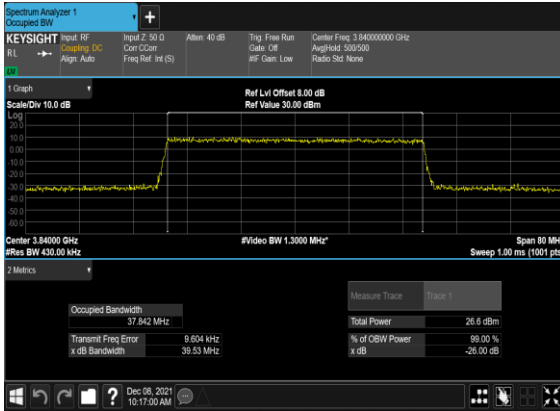
N77(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



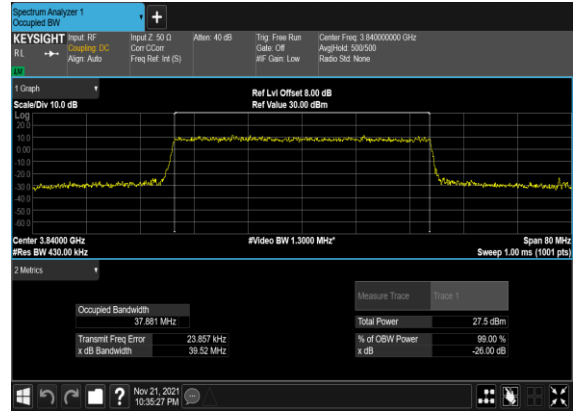
N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



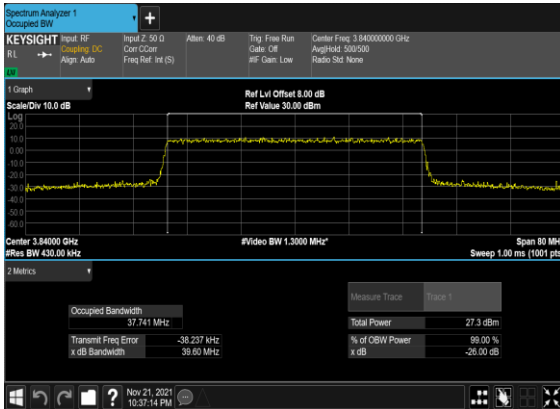
N77(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



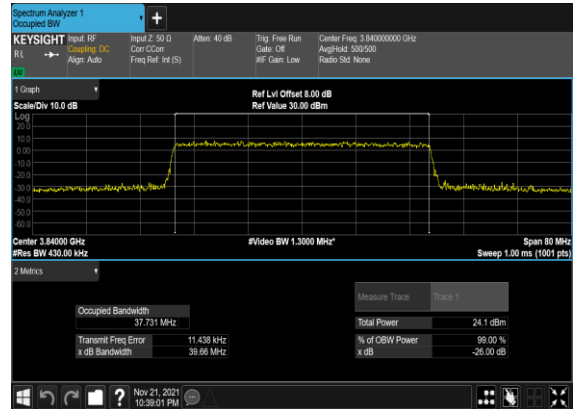
N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



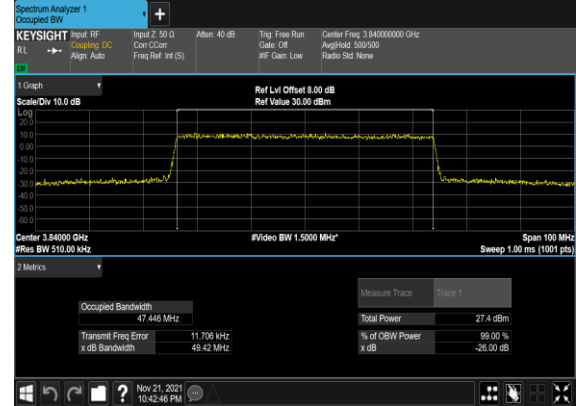
N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



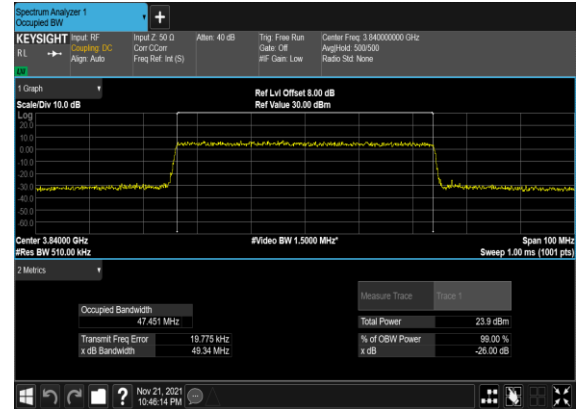
N77(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



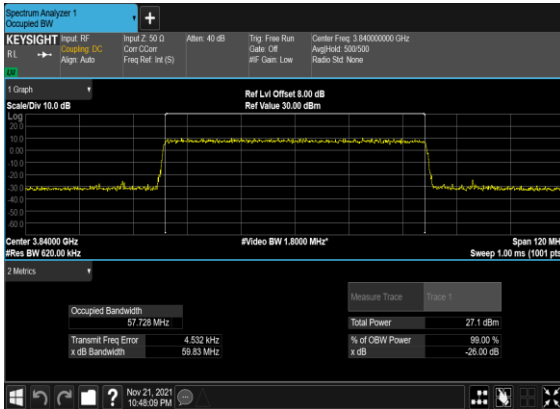
N77(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



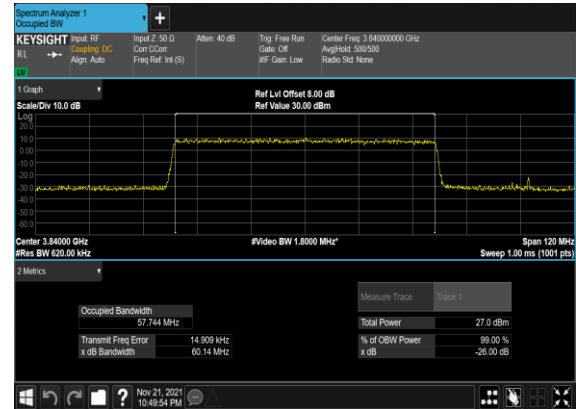
N77(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



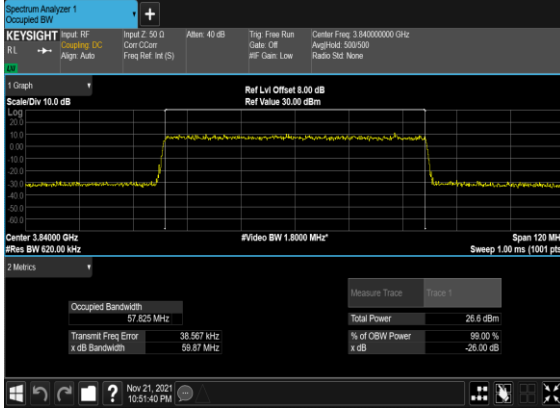
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



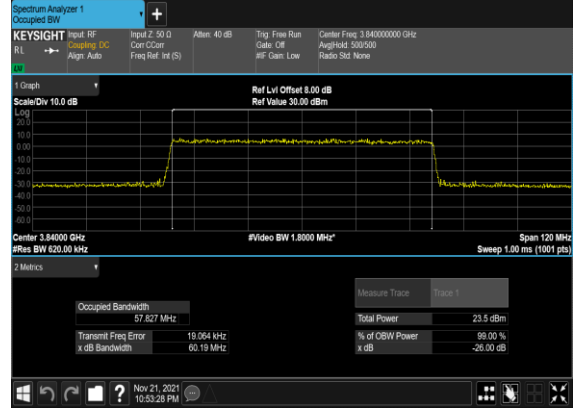
N77(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



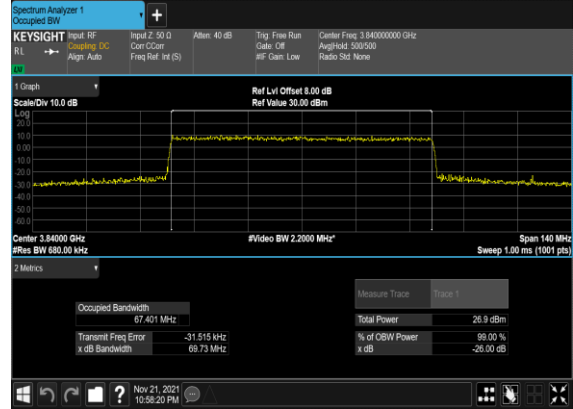
N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



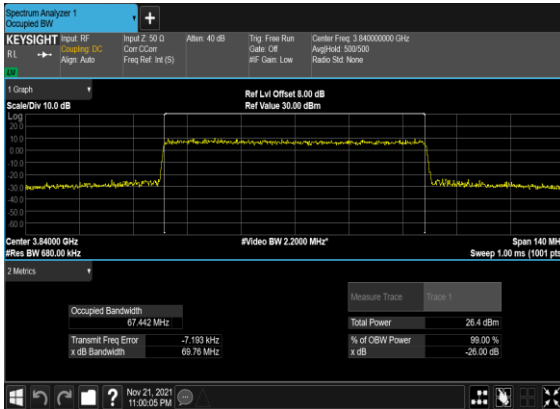
N77(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



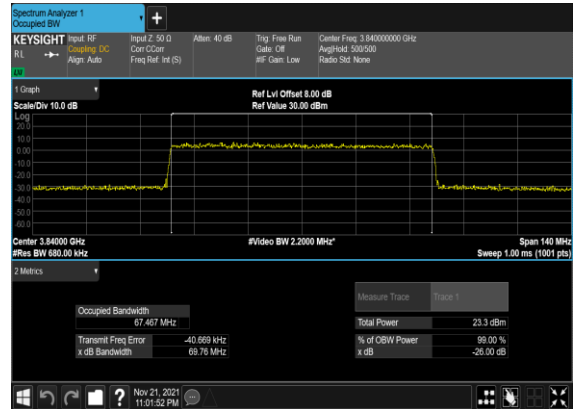
N77(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



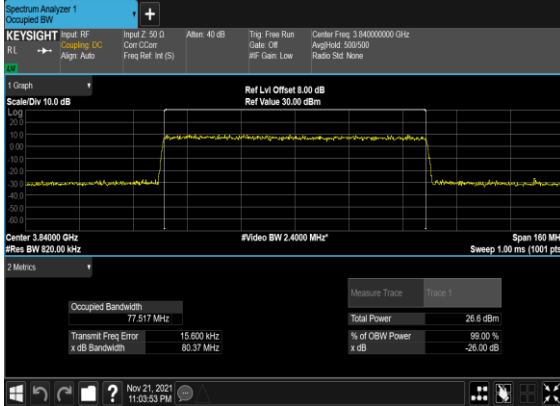
N77(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



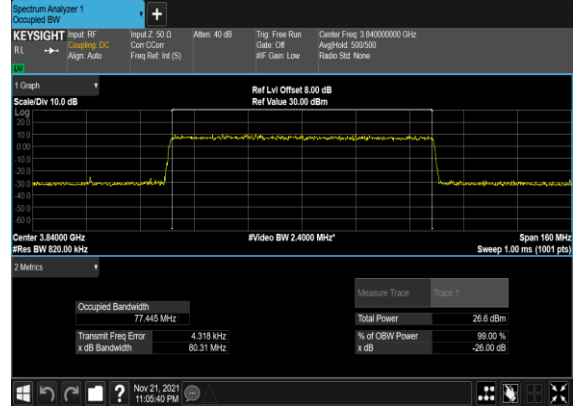
N77(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



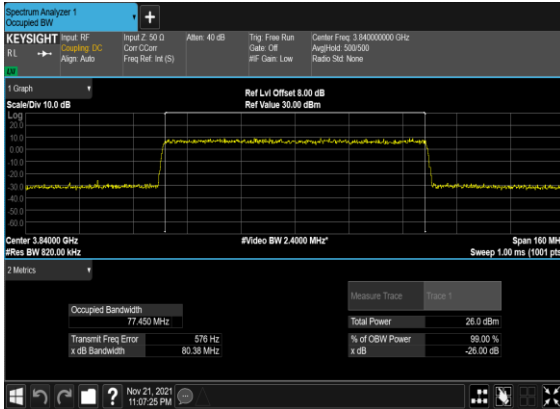
N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



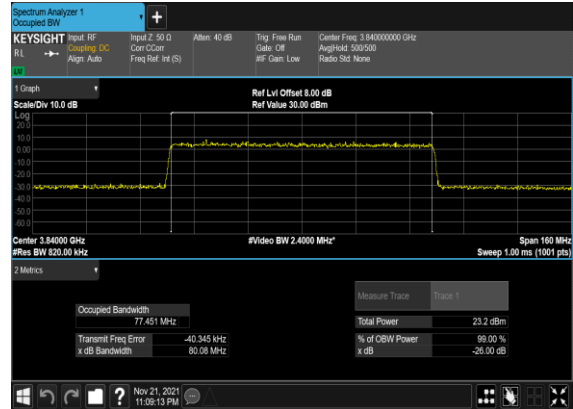
N77(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



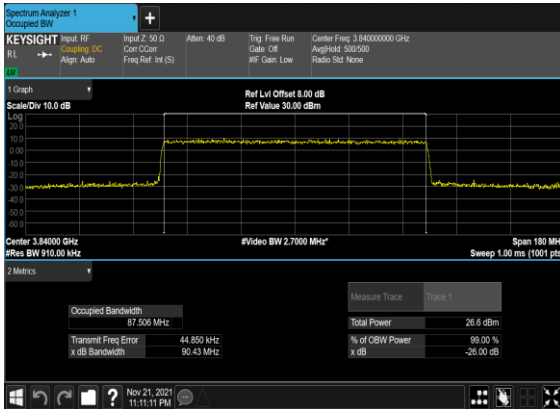
N77(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



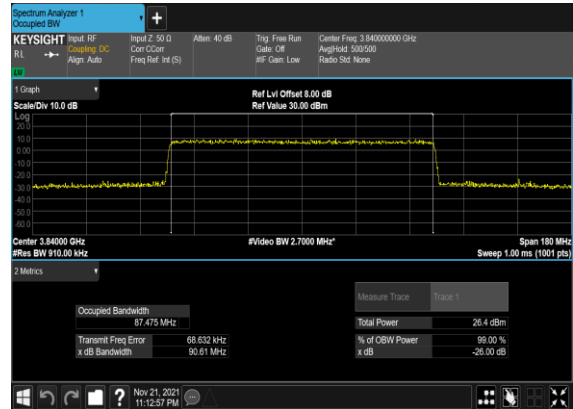
N77(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



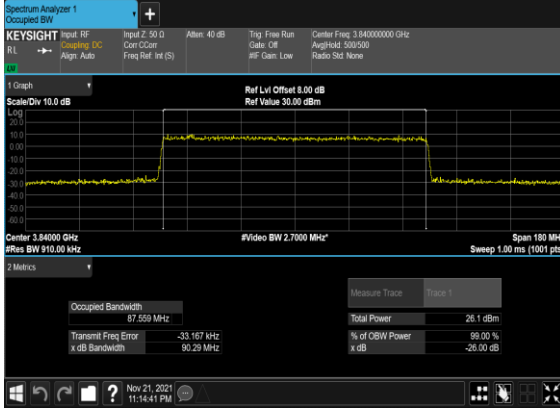
N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



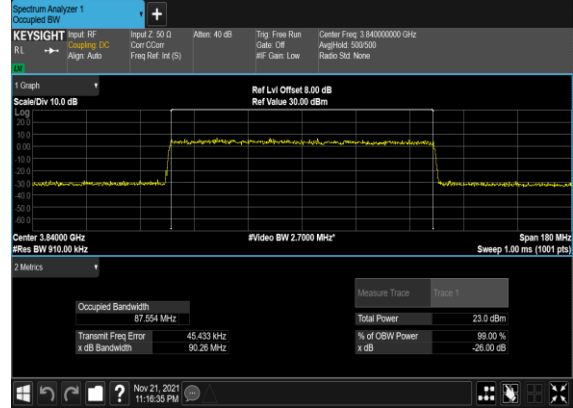
N77(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



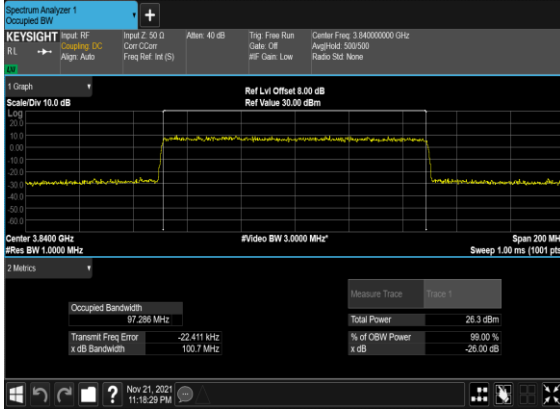
N77(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



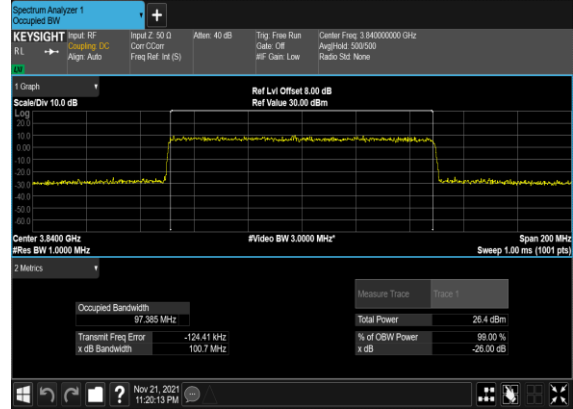
N77(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



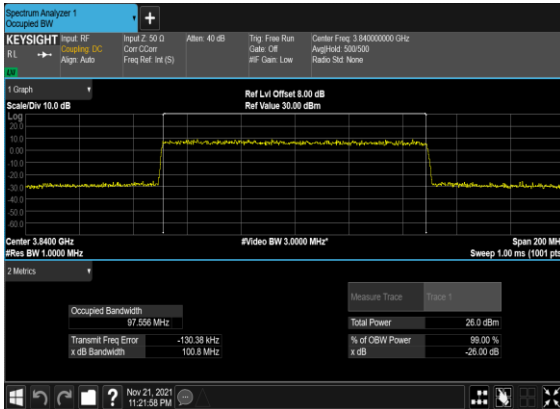
N77(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



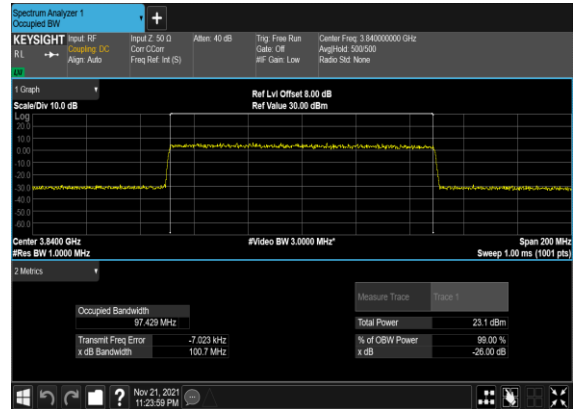
N77(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

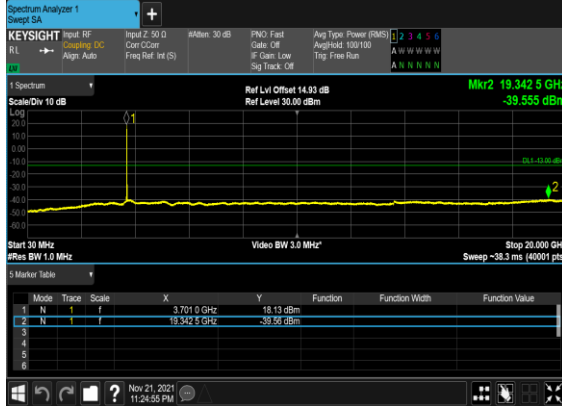


Conducted Spurious Emissions

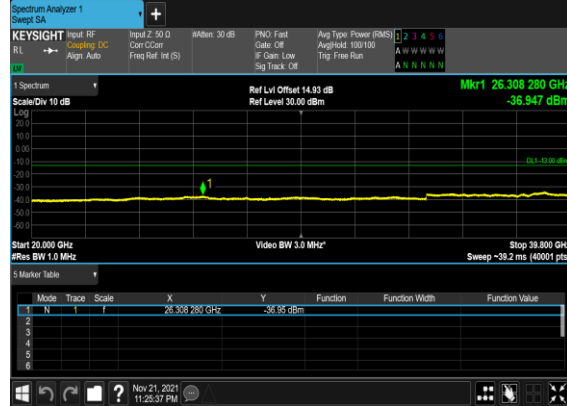
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	647334	3710.01	CP-OFDM QPSK	1@0	see graph	---
77	30	20	647334	3710.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---
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



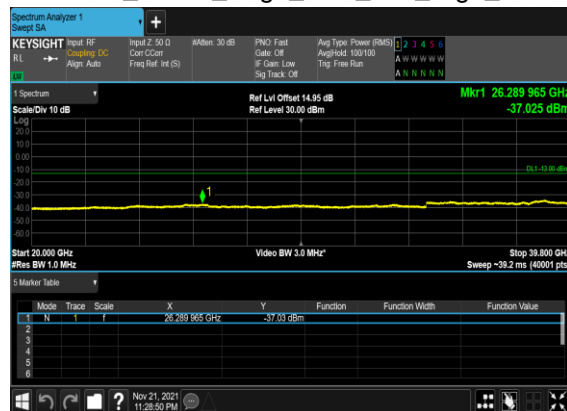
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



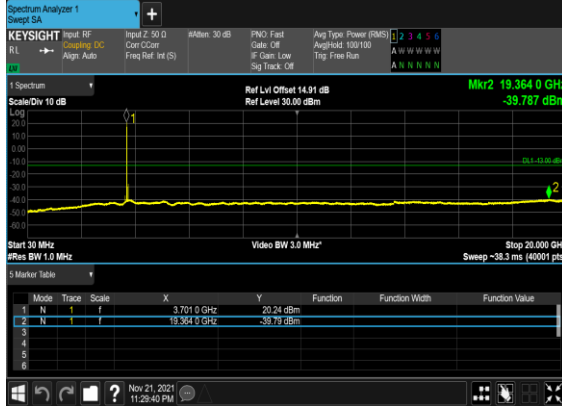
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



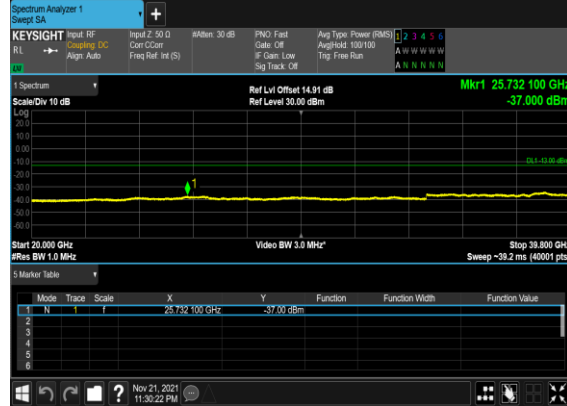
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



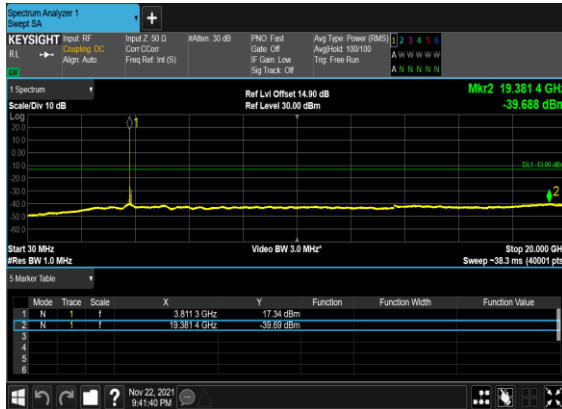
N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



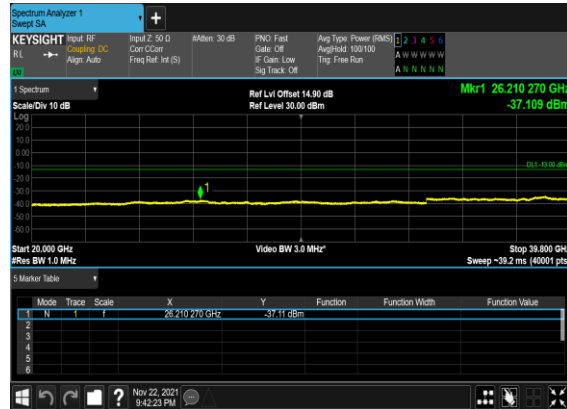
N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



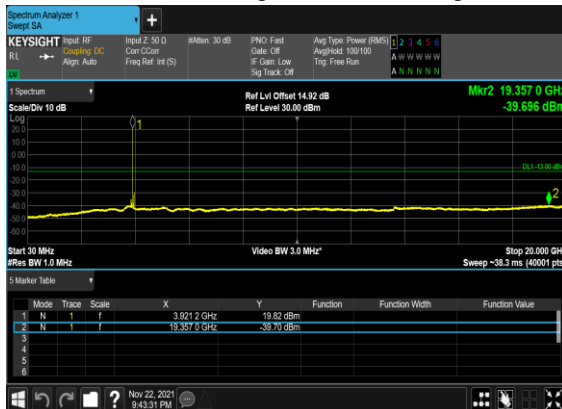
N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



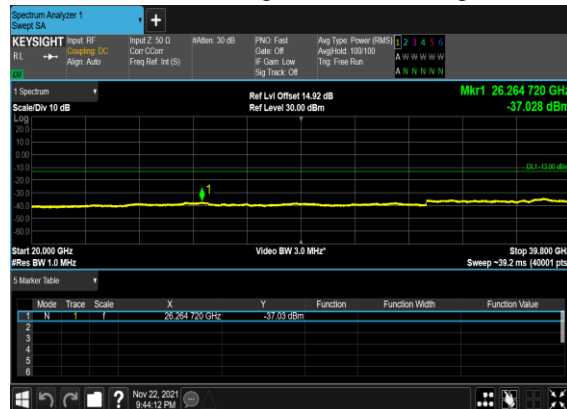
N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



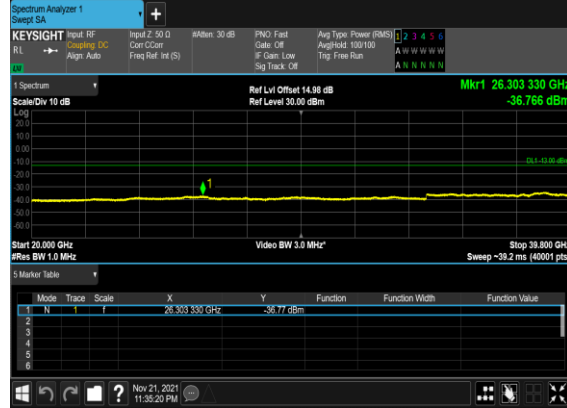
N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



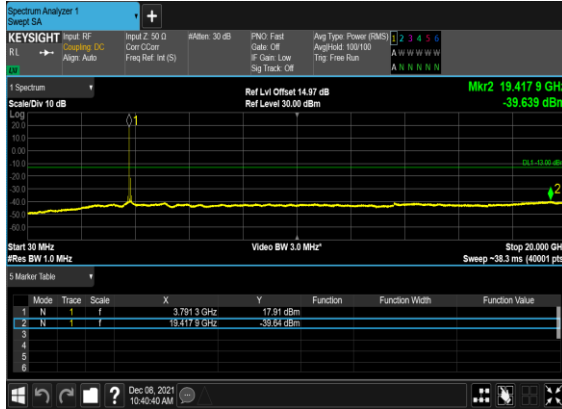
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



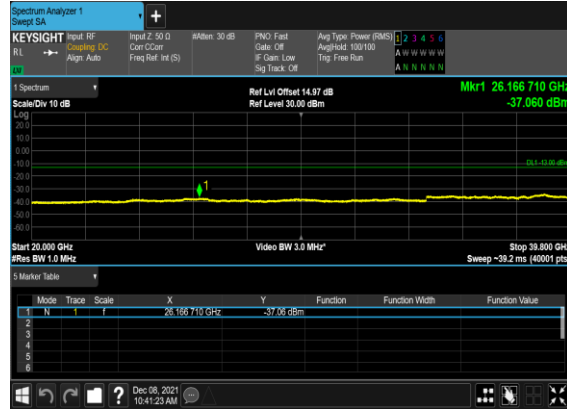
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



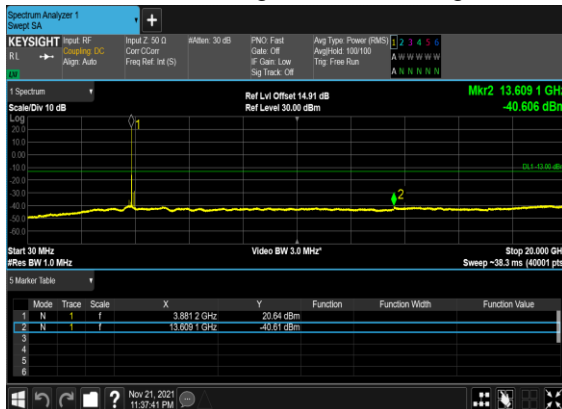
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



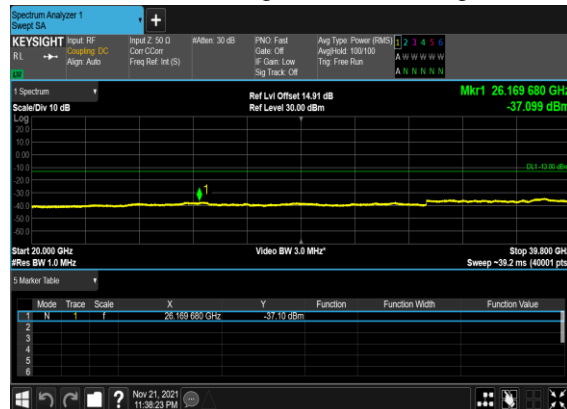
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



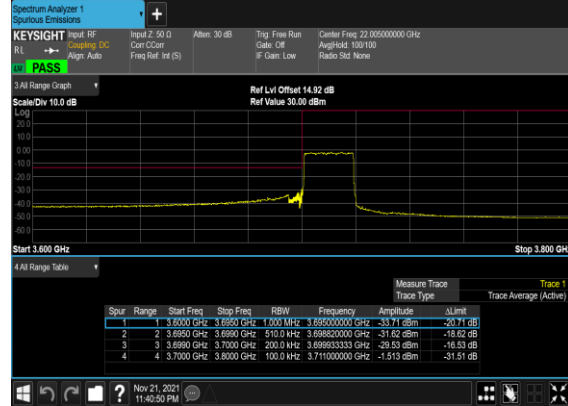
Conducted Band Edge

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

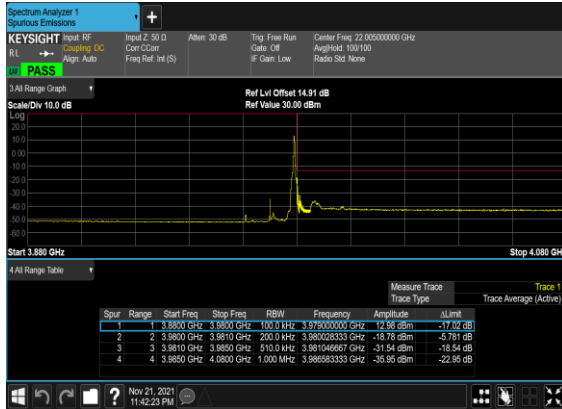
N77(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



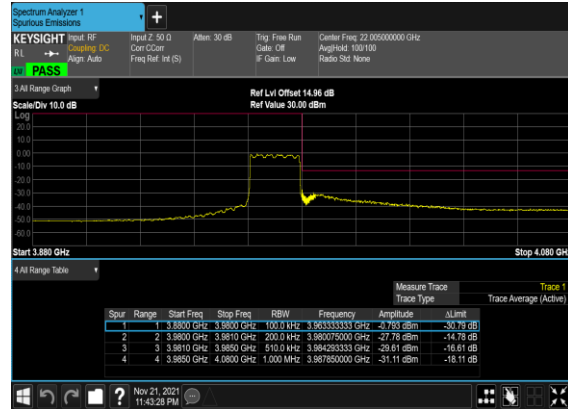
N77(20M)_CP- OFDM_QPSK_Outer_Full_Low_CH



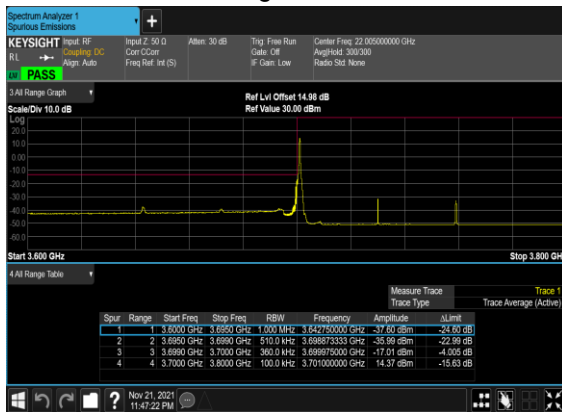
N77(20M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



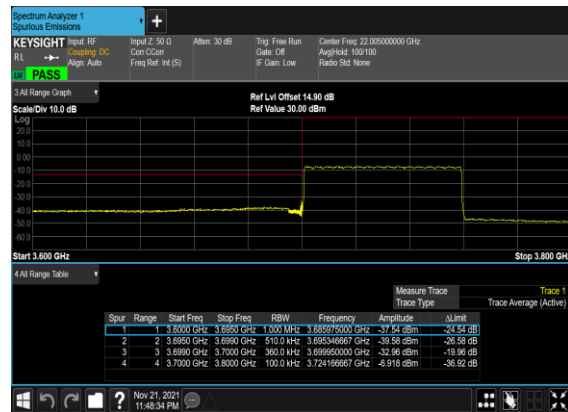
N77(20M)_CP- OFDM_QPSK_Outer_Full_High_CH



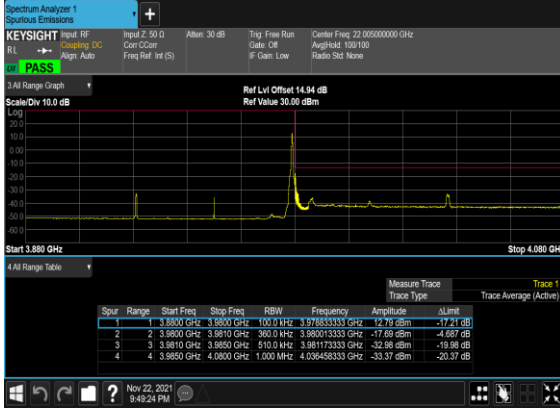
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



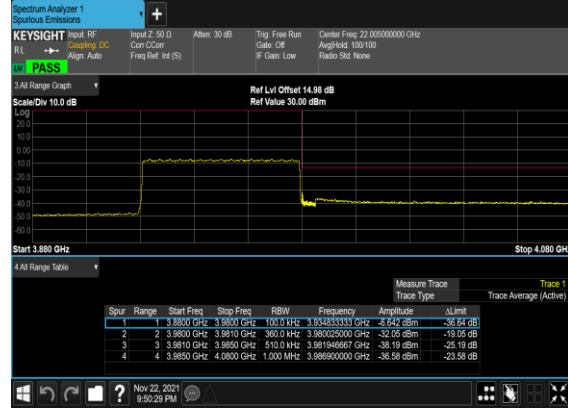
N77(60M)_CP- OFDM_QPSK_Outer_Full_Low_CH



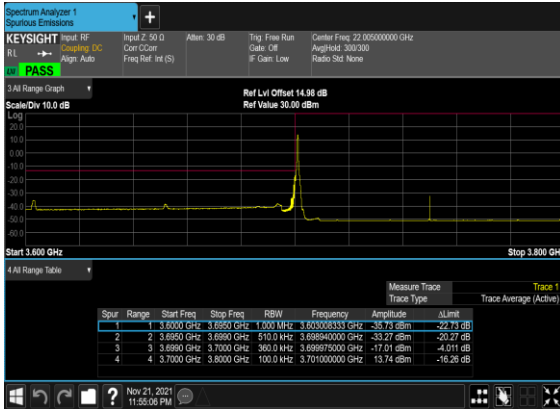
N77(60M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



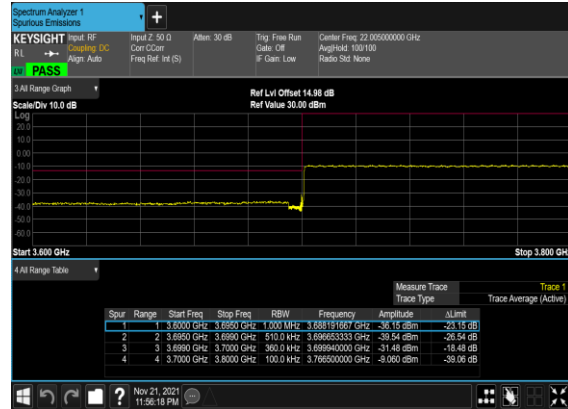
N77(60M)_CP- OFDM_QPSK_Outer_Full_High_CH



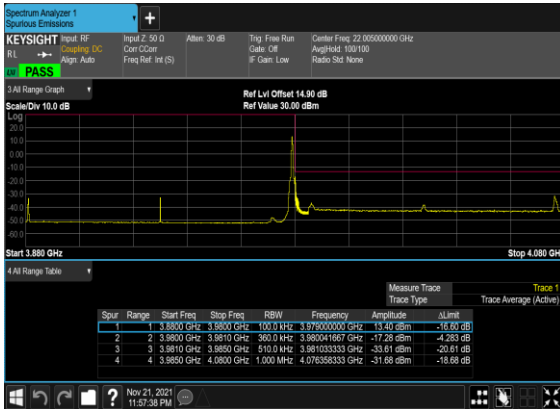
N77(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



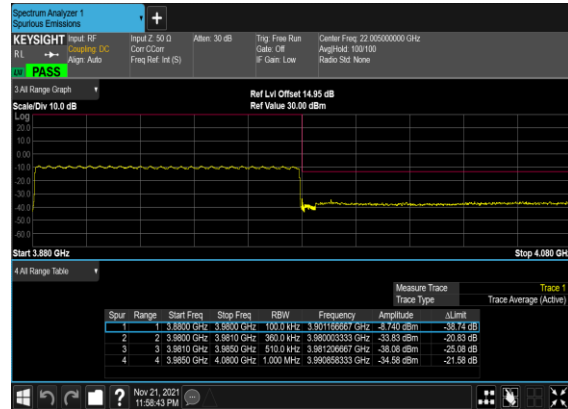
N77(100M)_CP- OFDM_QPSK_Outer_Full_Low_CH



N77(100M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_CP- OFDM_QPSK_Outer_Full_High_CH



FR1 N77 MIMO-ANT11

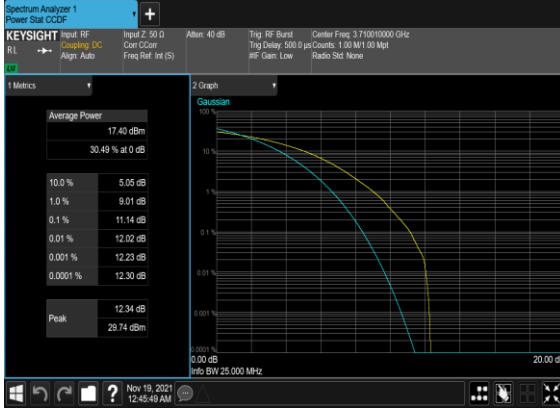
Frequency Stability

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	-0.26041	PASS	NV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	-0.00311	PASS	LV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	-0.00508	PASS	HV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	-0.00826	PASS	-30°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	-0.006	PASS	-20°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	-0.00809	PASS	-10°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	-0.00787	PASS	0°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	-0.00415	PASS	10°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	-0.00437	PASS	20°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	-0.00401	PASS	30°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	-0.00726	PASS	40°C
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	-0.0085	PASS	50°C

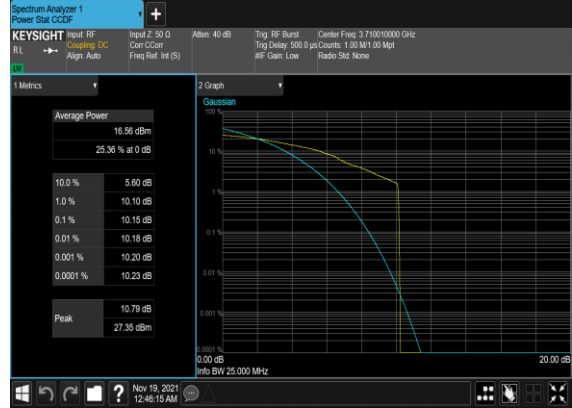
Peak to Average Ratio

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	11.14	13	PASS
77	30	20	647334	3710.01	CP-OFDM QPSK	1@0	10.15	13	PASS
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	11.18	13	PASS
77	30	20	656000	3840.0	CP-OFDM QPSK	1@0	10.75	13	PASS
77	30	20	664666	3969.99	CP-OFDM QPSK	51@0	10.49	13	PASS
77	30	20	664666	3969.99	CP-OFDM QPSK	1@0	11.19	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

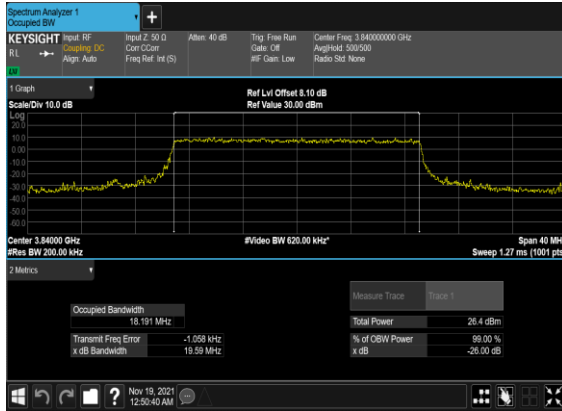


Occupied Bandwidth

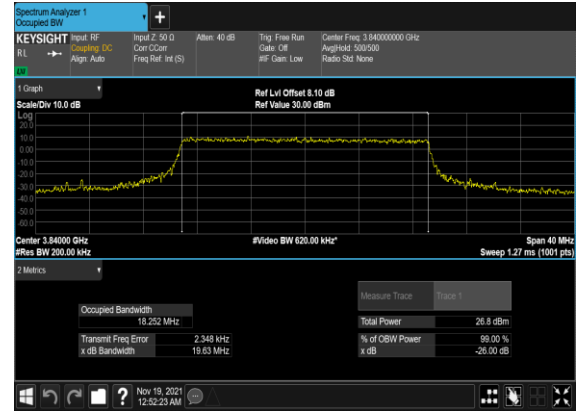
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.191	19.59
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	18.252	19.63
77	30	20	656000	3840.0	CP-OFDM 64 QAM	51@0	18.263	19.7
77	30	20	656000	3840.0	CP-OFDM 256 QAM	51@0	18.182	19.75
77	30	30	656000	3840.0	CP-OFDM QPSK	78@0	27.88	29.67
77	30	30	656000	3840.0	CP-OFDM 16 QAM	78@0	27.921	29.58
77	30	30	656000	3840.0	CP-OFDM 64 QAM	78@0	27.81	29.06
77	30	30	656000	3840.0	CP-OFDM 256 QAM	78@0	27.787	29.53
77	30	40	656000	3840.0	CP-OFDM QPSK	106@0	37.813	39.66
77	30	40	656000	3840.0	CP-OFDM 16 QAM	106@0	37.859	39.73
77	30	40	656000	3840.0	CP-OFDM 64 QAM	106@0	37.852	39.71
77	30	40	656000	3840.0	CP-OFDM 256 QAM	106@0	37.818	39.58
77	30	50	656000	3840.0	CP-OFDM QPSK	133@0	47.433	49.51
77	30	50	656000	3840.0	CP-OFDM 16 QAM	133@0	47.457	49.42
77	30	50	656000	3840.0	CP-OFDM 64 QAM	133@0	47.472	49.56
77	30	50	656000	3840.0	CP-OFDM 256 QAM	133@0	47.466	49.25
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.834	59.87
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.756	60.1
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.838	59.9
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	58.026	59.85
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.453	69.76
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.585	70.02
77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.48	69.82
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.676	69.91
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.37	80.05

77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.401	80.26
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.677	79.96
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.533	80.24
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.481	90.49
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.485	90.26
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.542	90.3
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.402	90.42
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.305	100.7
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.444	100.9
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.672	100.6
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.444	100.8

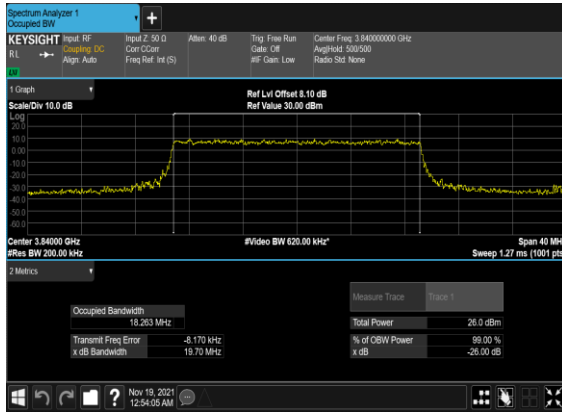
N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



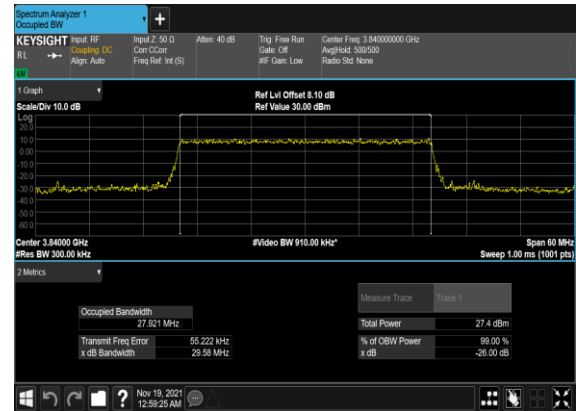
N77(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



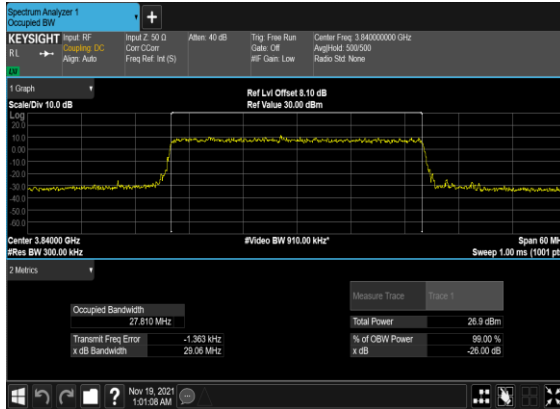
N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



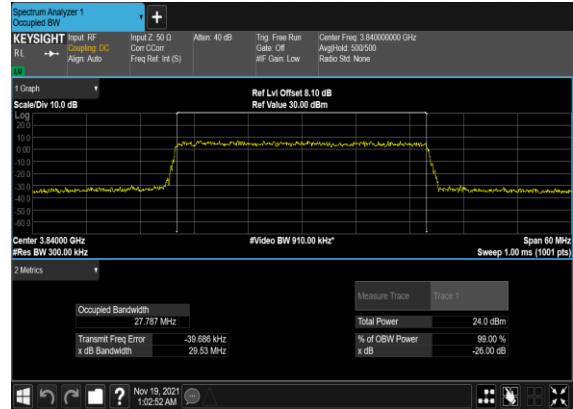
N77(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



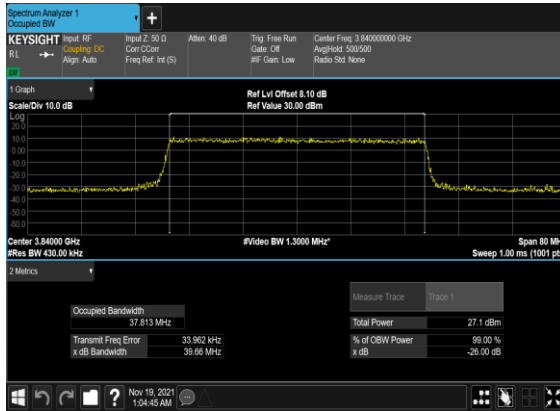
N77(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



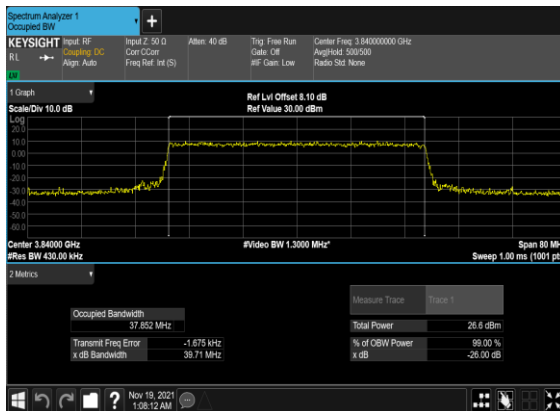
N77(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



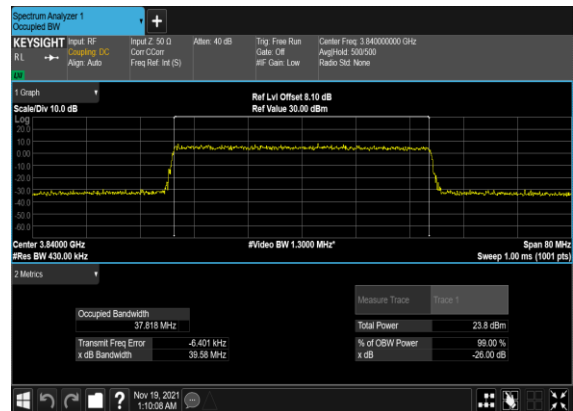
N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



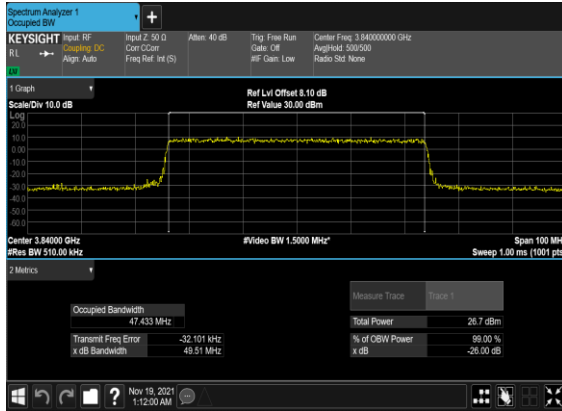
N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



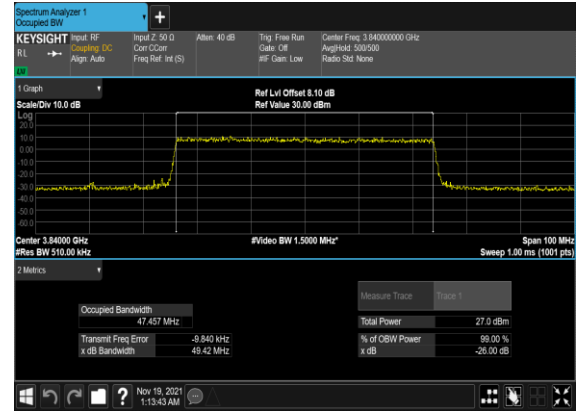
N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



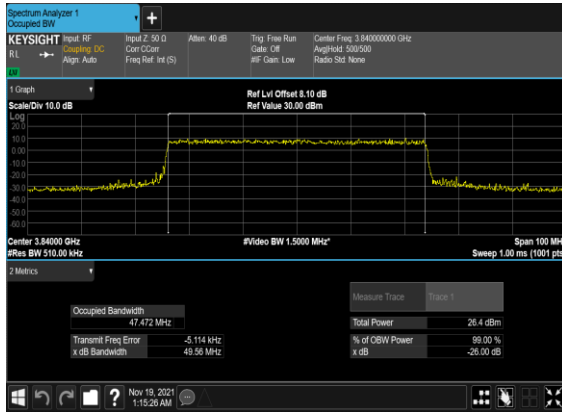
N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



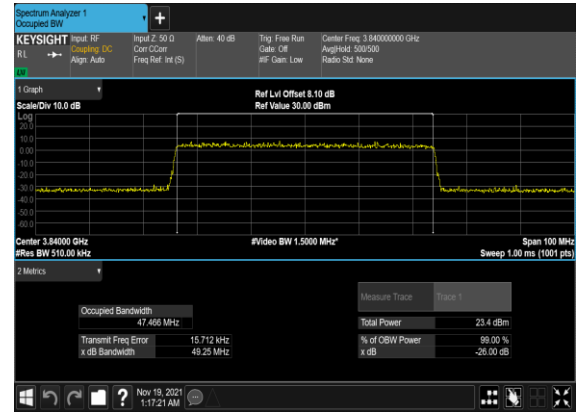
N77(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



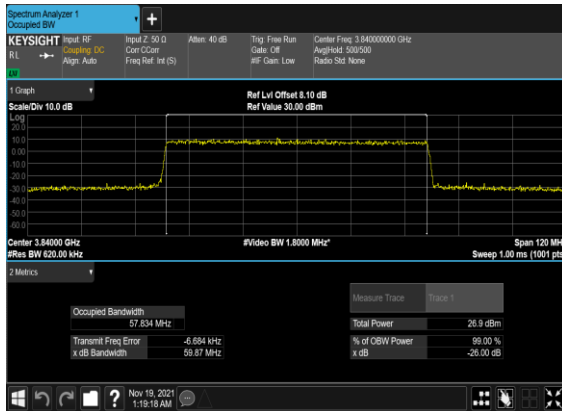
N77(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



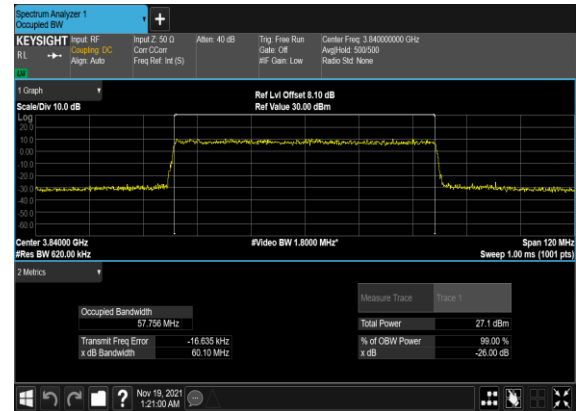
N77(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



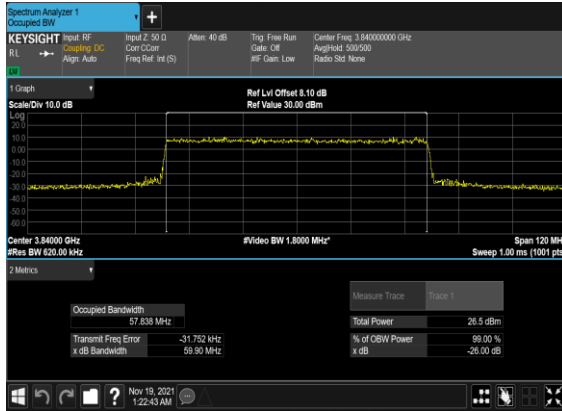
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



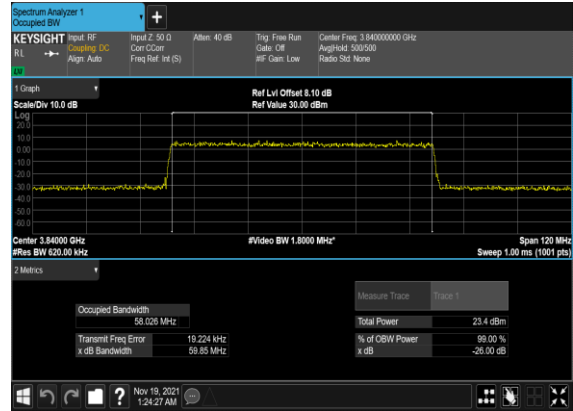
N77(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



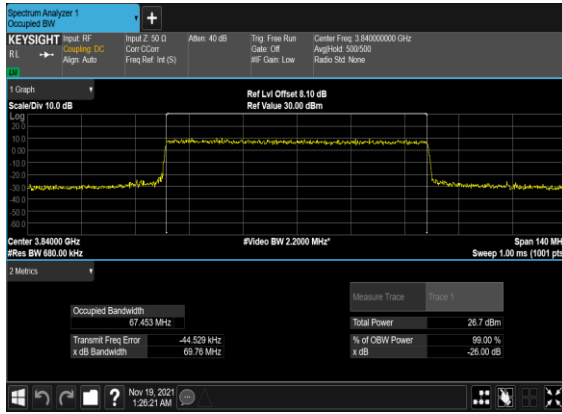
N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



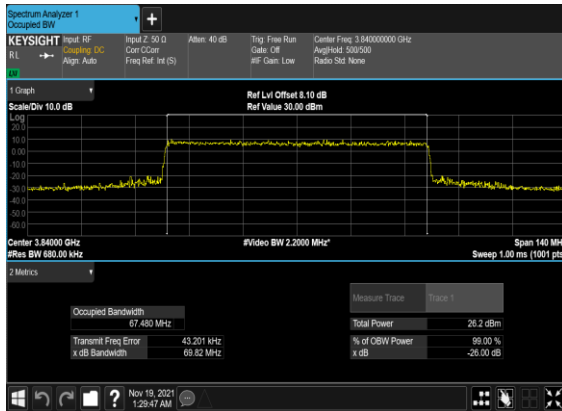
N77(70M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



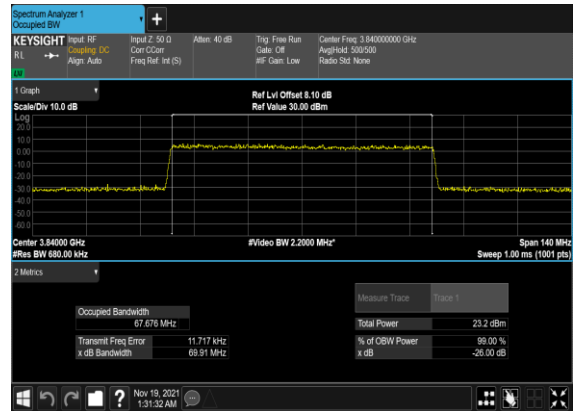
N77(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



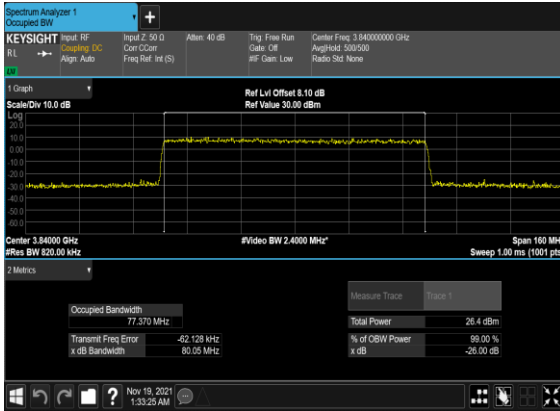
N77(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



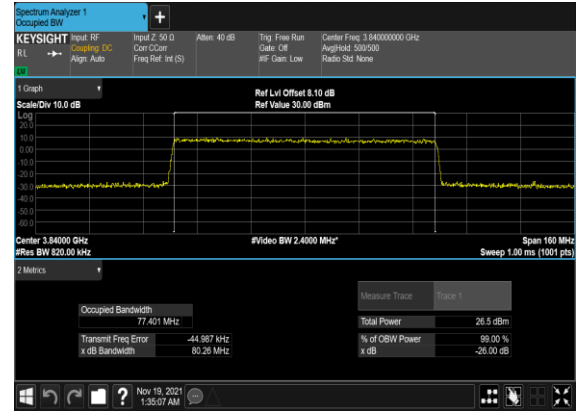
N77(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



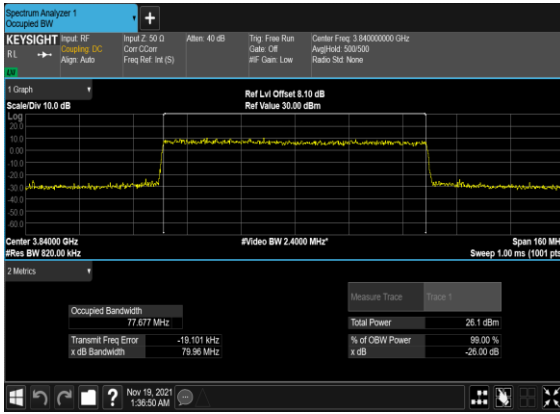
N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



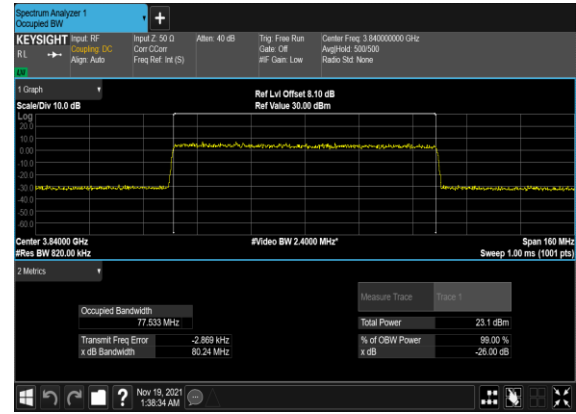
N77(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



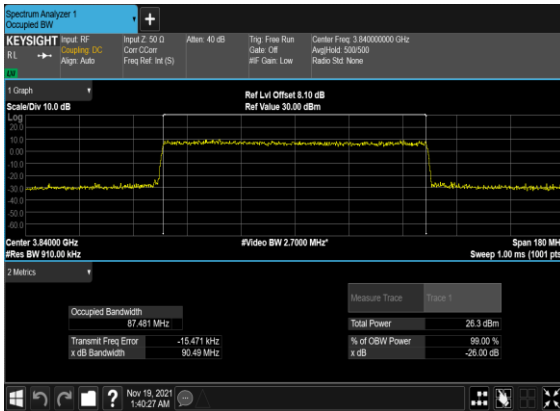
N77(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



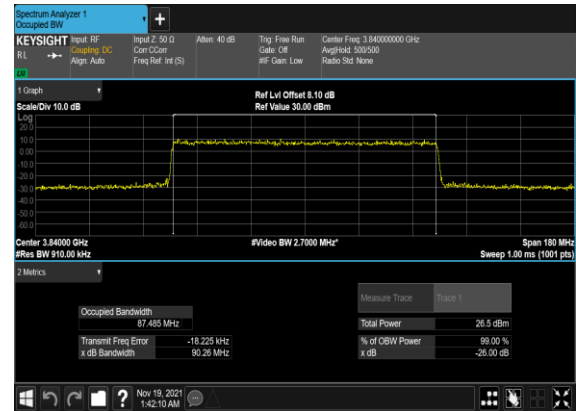
N77(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



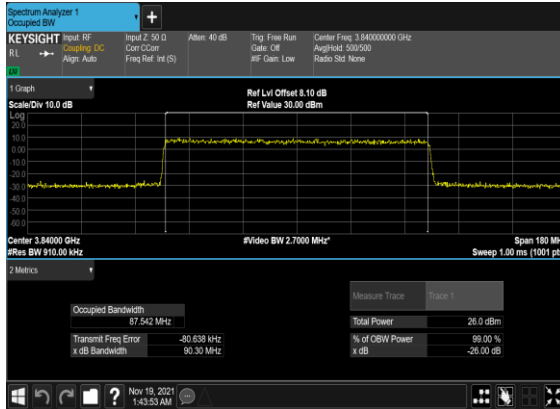
N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



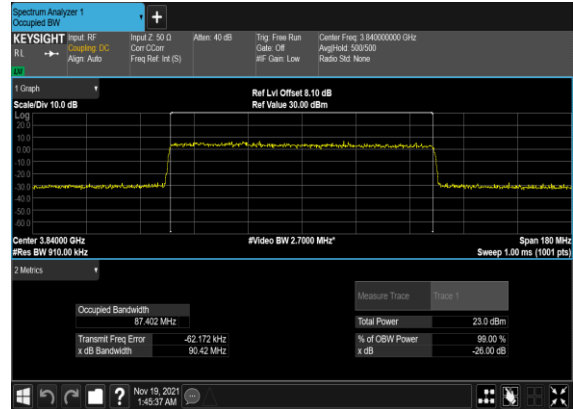
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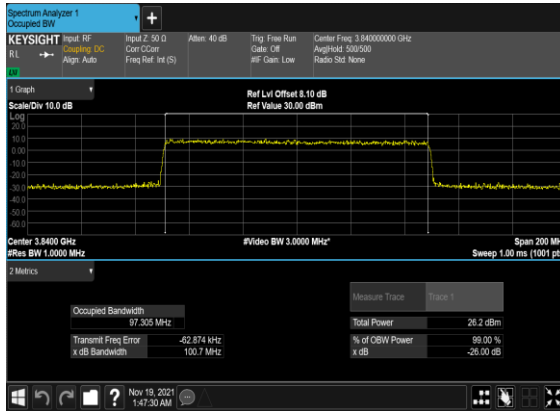
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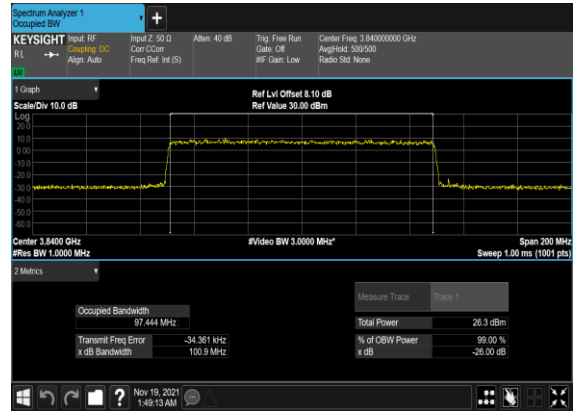
N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



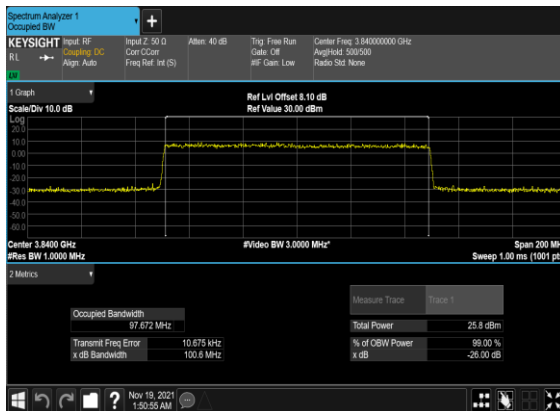
N77(100M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



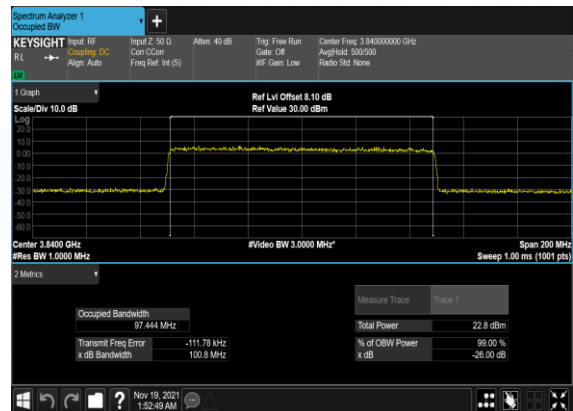
N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



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