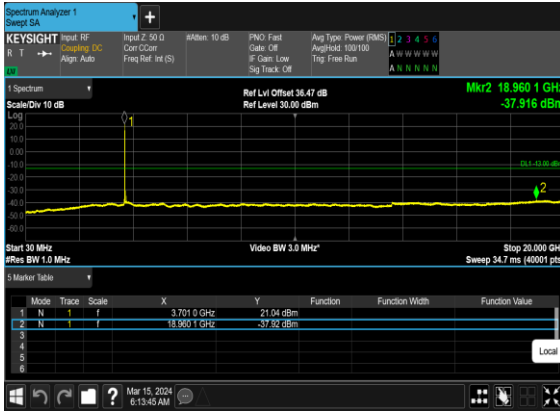
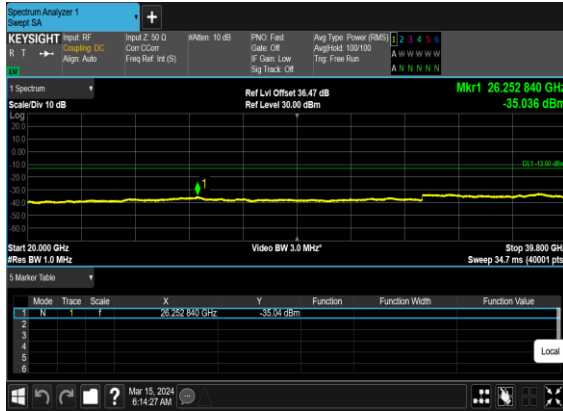


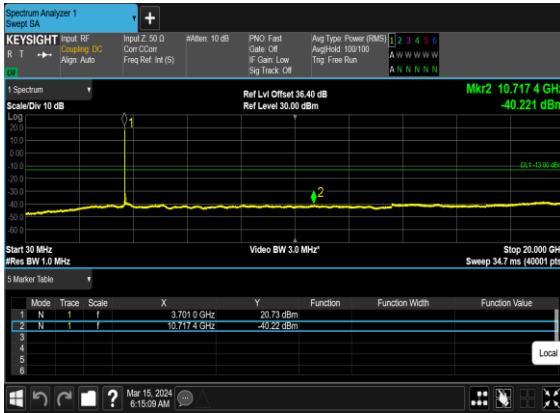
N77(60M)_CP-OFDM
_QPSK_Edge_1RB_Left_Low_CH



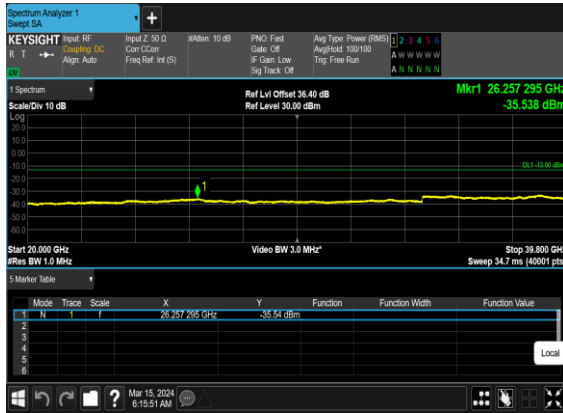
N77(60M)_CP-OFDM
_QPSK_Edge_1RB_Left_Low_CH



N77(60M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



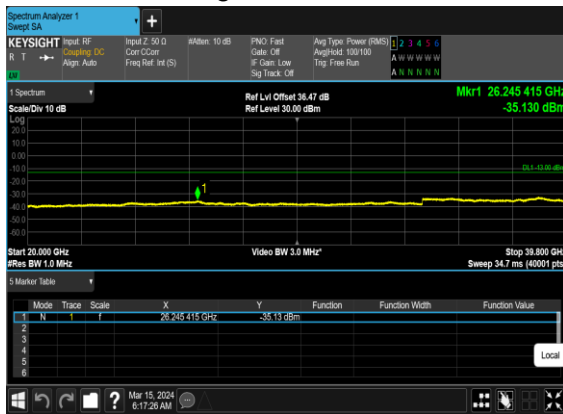
N77(60M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



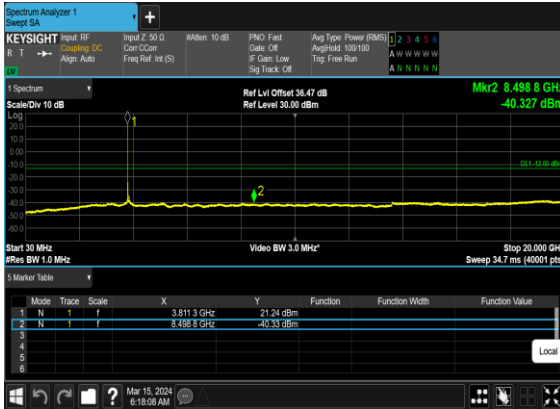
N77(60M)_CP-OFDM
_QPSK_Edge_1RB_Left_Mid_CH



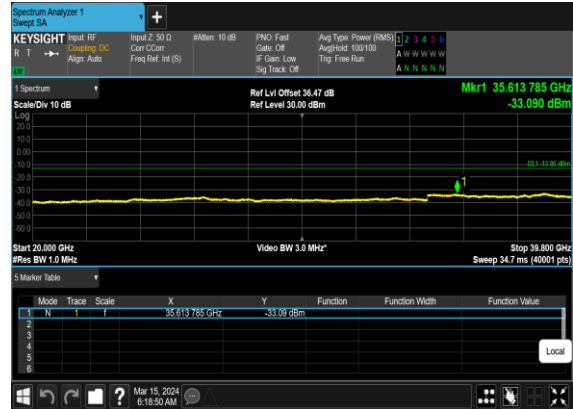
N77(60M)_CP-OFDM
_QPSK_Edge_1RB_Left_Mid_CH



N77(60M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



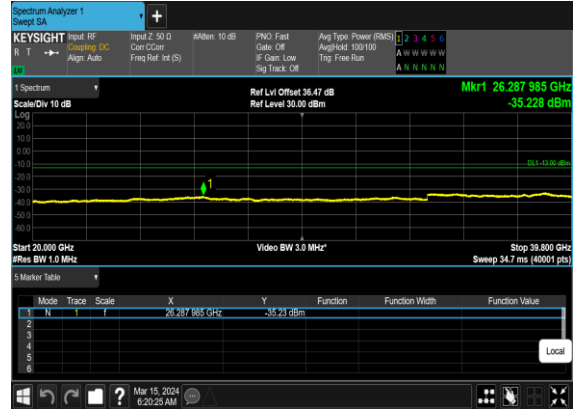
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QAM_Edge_1RB_Left_Mid_CH



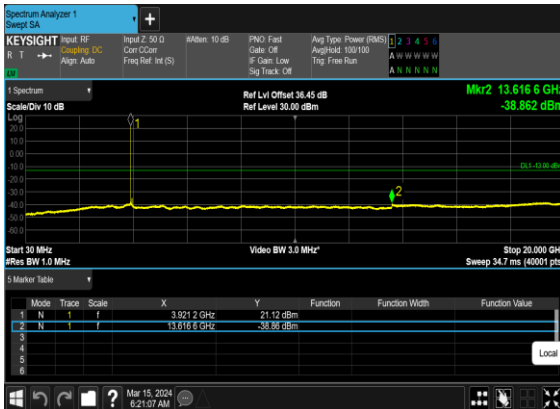
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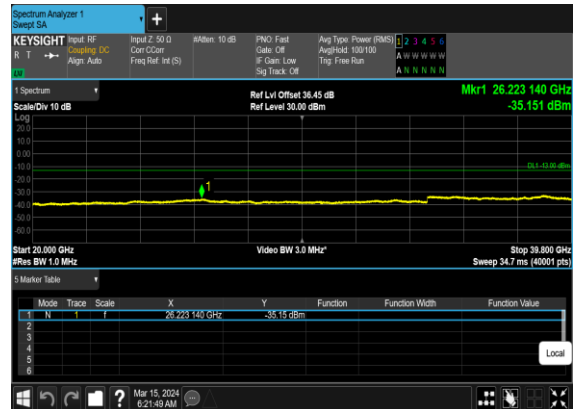
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_QPSK_Edge_1RB_Left_High_CH



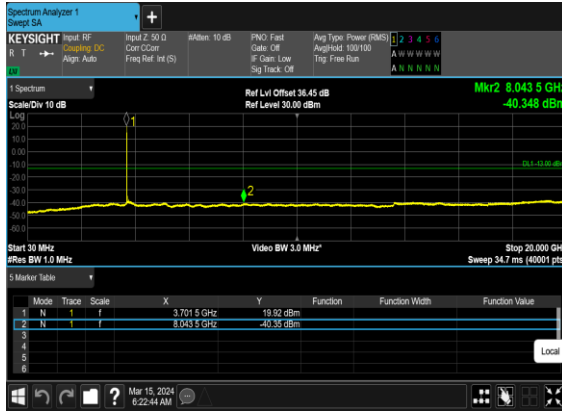
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QAM_Edge_1RB_Left_High_CH



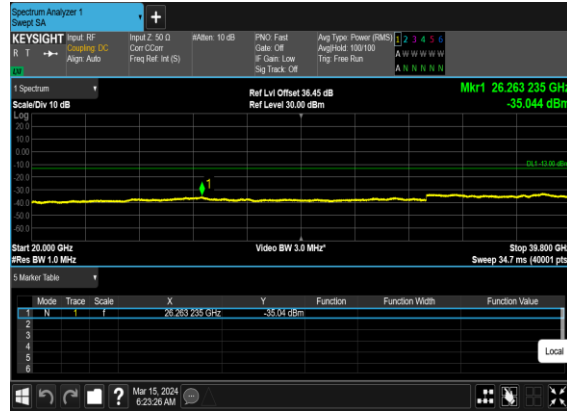
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QAM_Edge_1RB_Left_High_CH



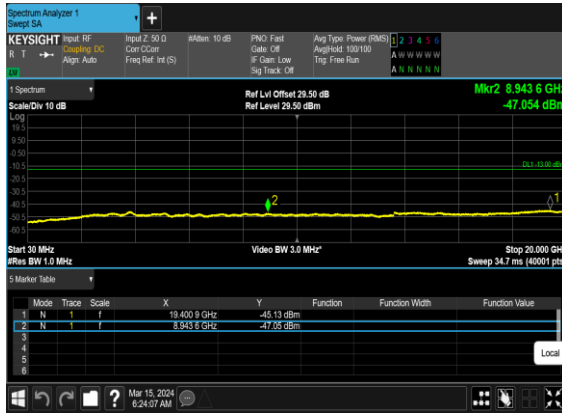
N77(80M)_CP-OFDM
_QPSK_Edge_1RB_Left_Low_CH



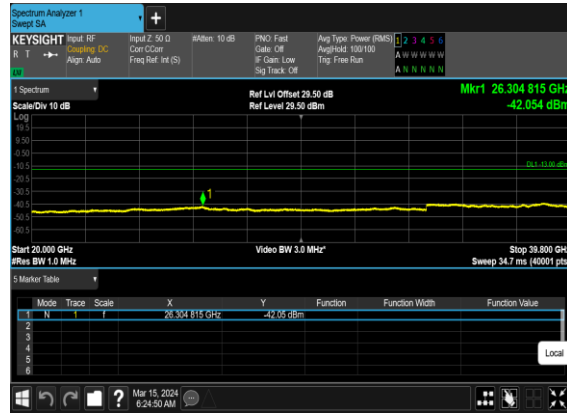
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_QPSK_Edge_1RB_Left_Low_CH



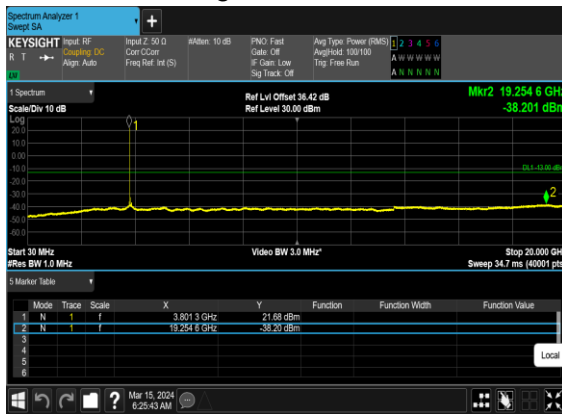
N77(80M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



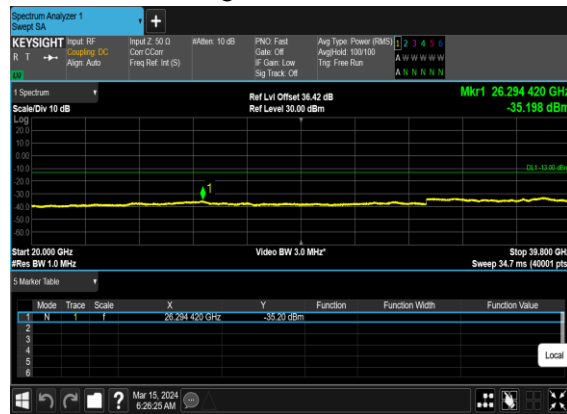
N77(80M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



N77(80M)_CP-OFDM
_QPSK_Edge_1RB_Left_Mid_CH



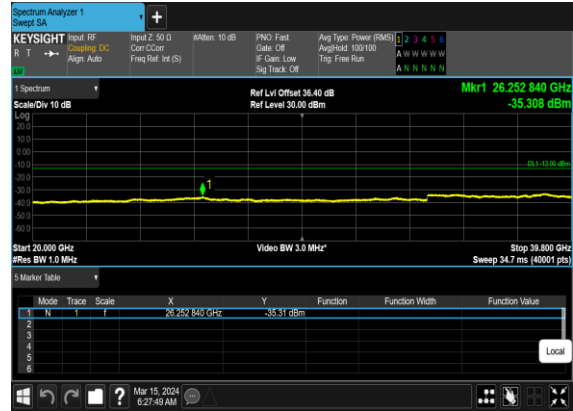
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_QPSK_Edge_1RB_Left_Mid_CH



N77(80M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



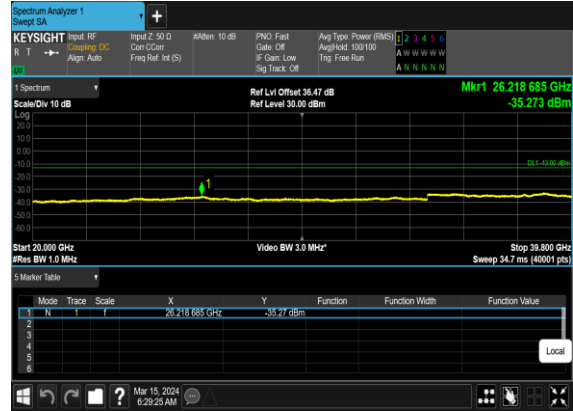
N77(80M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



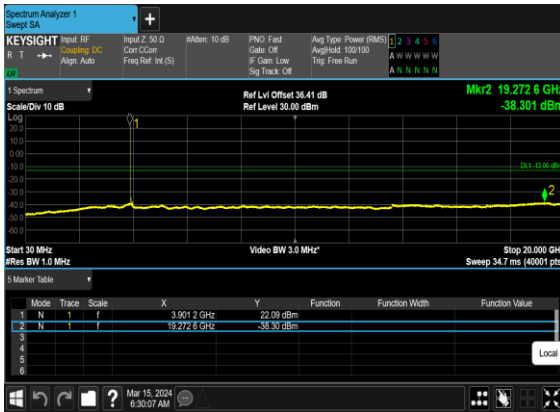
N77(80M)_CP-OFDM _QPSK_Edge_1RB_Left_High_CH



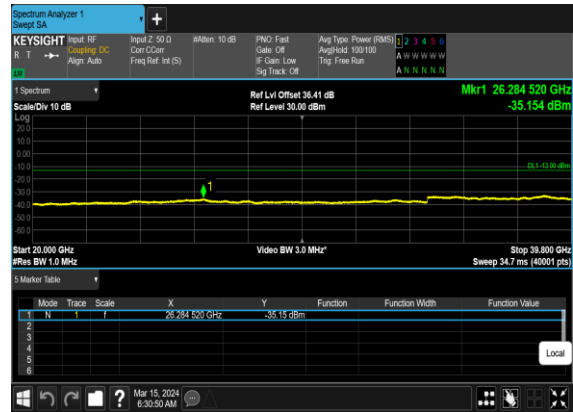
N77(80M)_CP-OFDM _QPSK_Edge_1RB_Left_High_CH



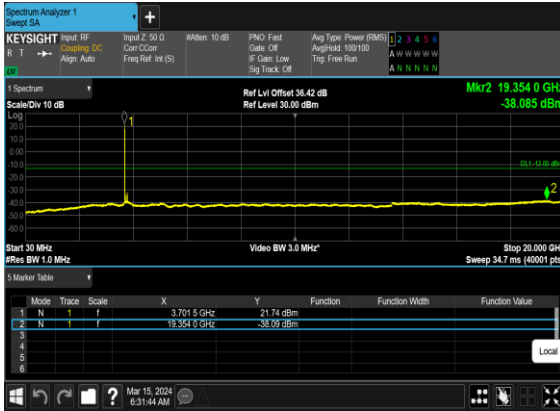
N77(80M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



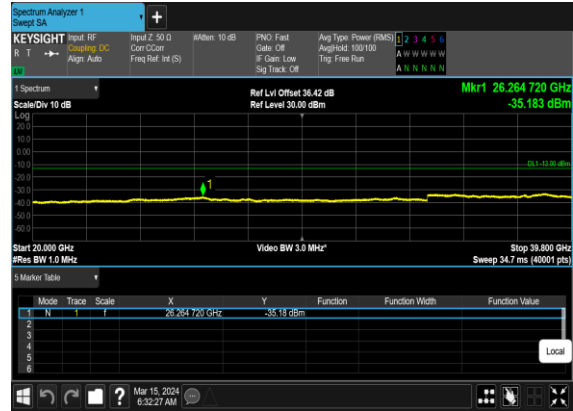
N77(80M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



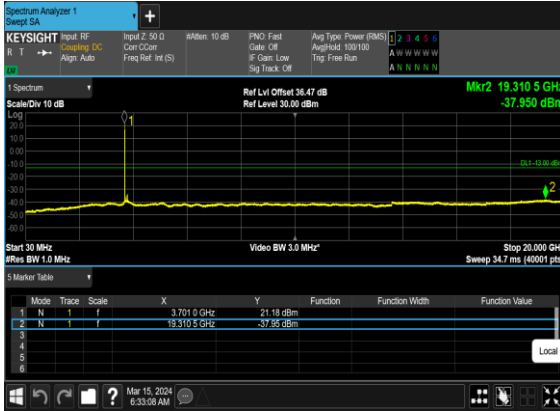
N77(100M)_CP-OFDM
_QPSK_Edge_1RB_Left_Low_CH



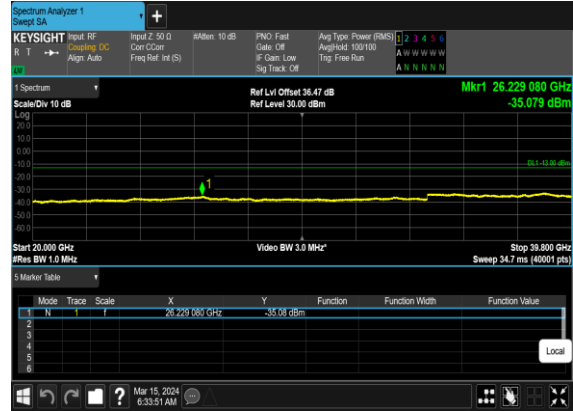
N77(100M)_CP-OFDM
_QPSK_Edge_1RB_Left_Low_CH



N77(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



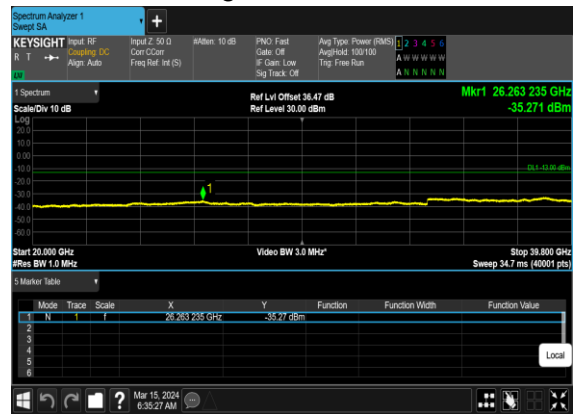
N77(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



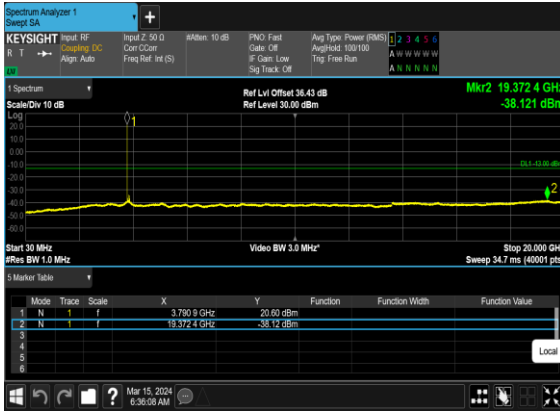
N77(100M)_CP-OFDM
_QPSK_Edge_1RB_Left_Mid_CH



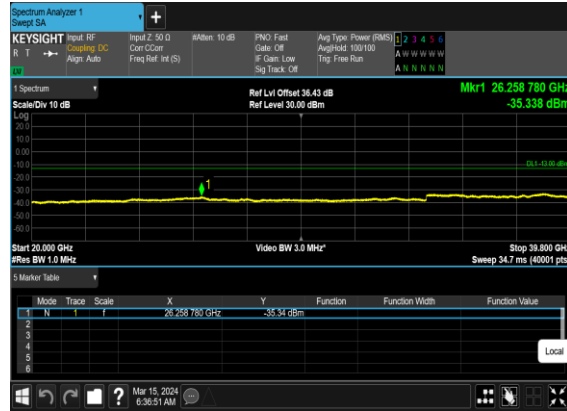
N77(100M)_CP-OFDM
_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



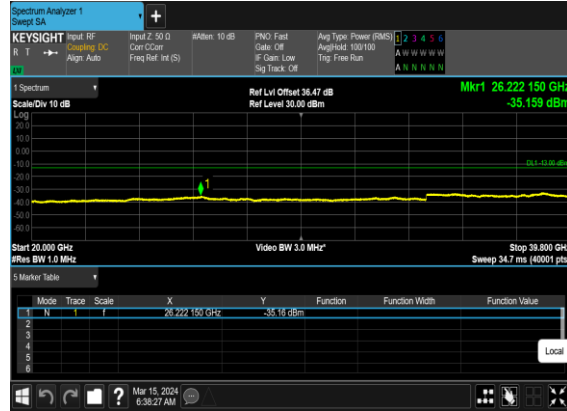
N77(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



N77(100M)_CP-OFDM
_QPSK_Edge_1RB_Left_High_CH



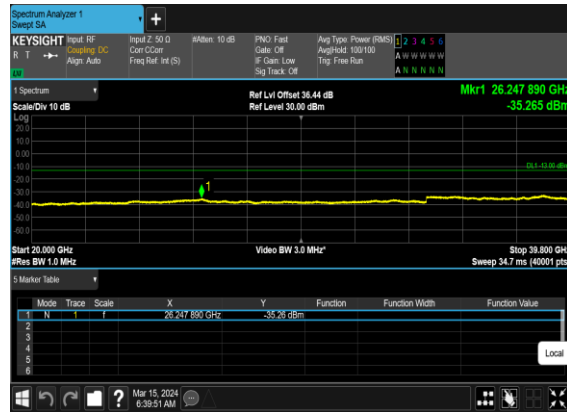
N77(100M)_CP-OFDM
_QPSK_Edge_1RB_Left_High_CH



N77(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



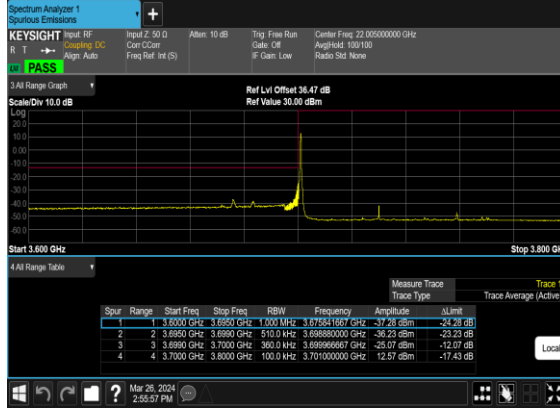
N77(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



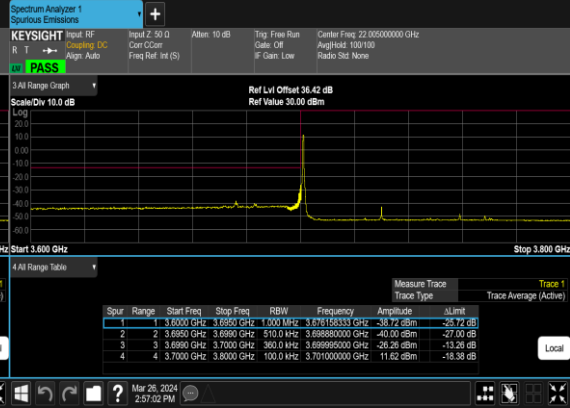
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM 16QAM	1@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM QPSK	162@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM 16QAM	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 16QAM	1@161	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM QPSK	162@0	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM 16QAM	162@0	see graph	PASS
77	30	80	649334	3740.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	CP-OFDM 16QAM	1@0	see graph	PASS
77	30	80	649334	3740.01	CP-OFDM QPSK	216@0	see graph	PASS
77	30	80	649334	3740.01	CP-OFDM 16QAM	216@0	see graph	PASS
77	30	80	662666	3939.99	CP-OFDM QPSK	1@216	see graph	PASS
77	30	80	662666	3939.99	CP-OFDM 16QAM	1@216	see graph	PASS
77	30	80	662666	3939.99	CP-OFDM QPSK	216@0	see graph	PASS
77	30	80	662666	3939.99	CP-OFDM 16QAM	216@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 16QAM	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	270@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM 16QAM	270@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 16QAM	1@272	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM QPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM 16QAM	270@0	see graph	PASS

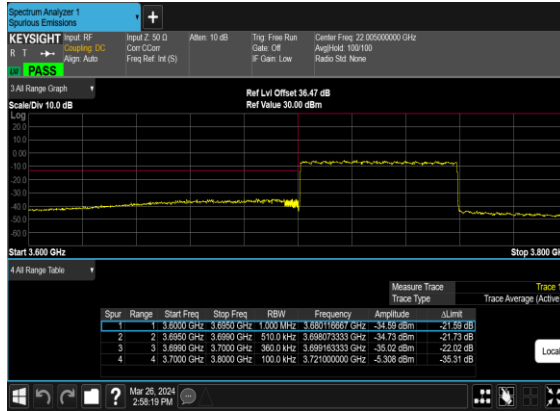
N77(60M)_CP-OFDM
QPSK_Edge_1RB_Left_Low_CH



N77(60M)_CP-OFDM
16QAM_Edge_1RB_Left_Low_CH



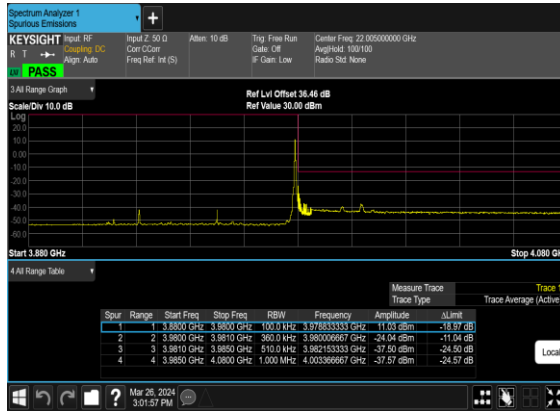
N77(60M)_CP-OFDM
QPSK_Outer_Full_Low_CH



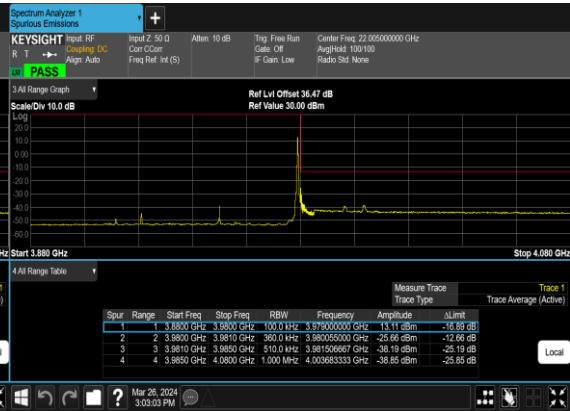
N77(60M)_CP-OFDM
16QAM_Outer_Full_Low_CH



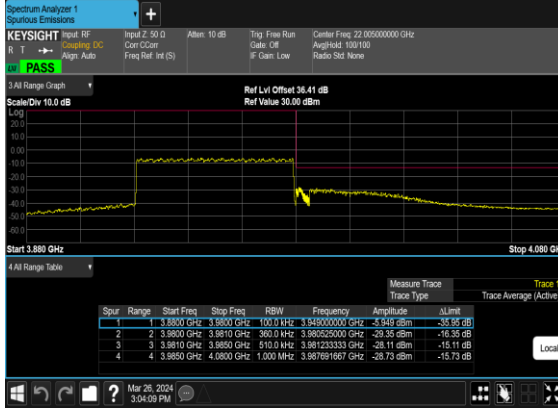
N77(60M)_CP-OFDM
QPSK_Edge_1RB_Right_High_CH



N77(60M)_CP-OFDM
16QAM_Edge_1RB_Right_High_CH



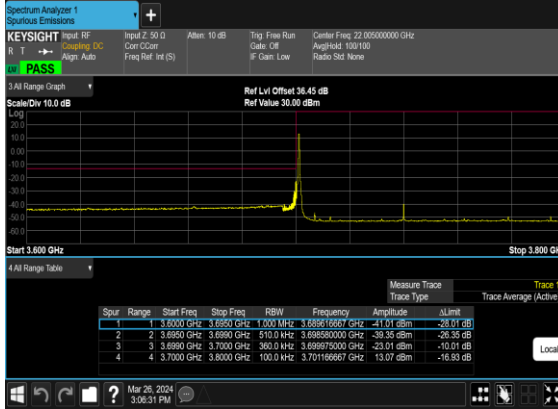
N77(60M)_CP-OFDM
QPSK_Outer_Full_High_CH



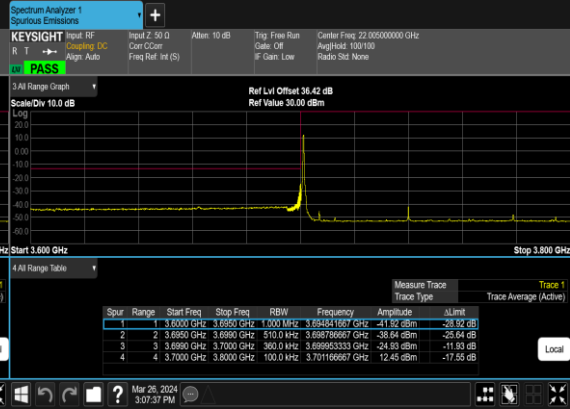
N77(60M)_CP-OFDM
16QAM_Outer_Full_High_CH



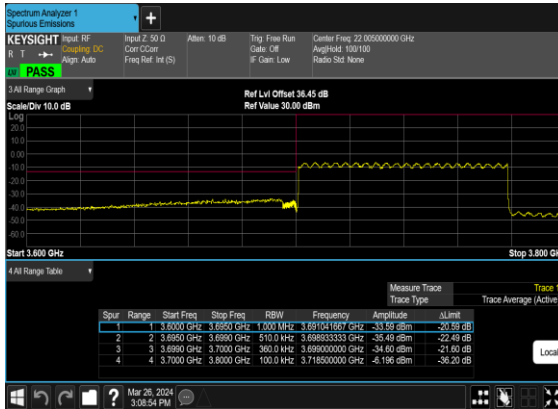
N77(80M)_CP-OFDM
QPSK_Edge_1RB_Left_Low_CH



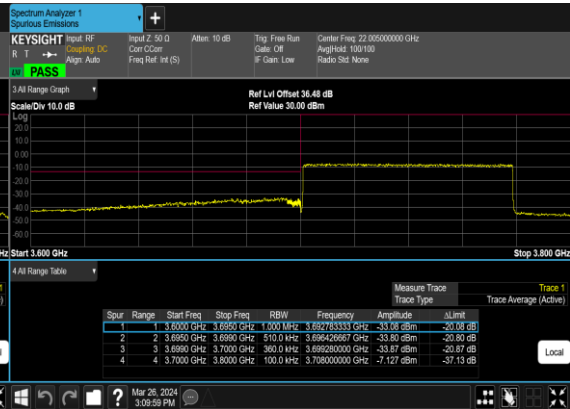
N77(80M)_CP-OFDM
16QAM_Edge_1RB_Left_Low_CH



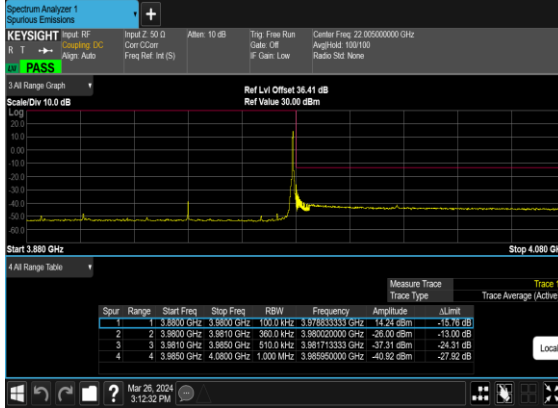
N77(80M)_CP-OFDM
QPSK_Outer_Full_Low_CH



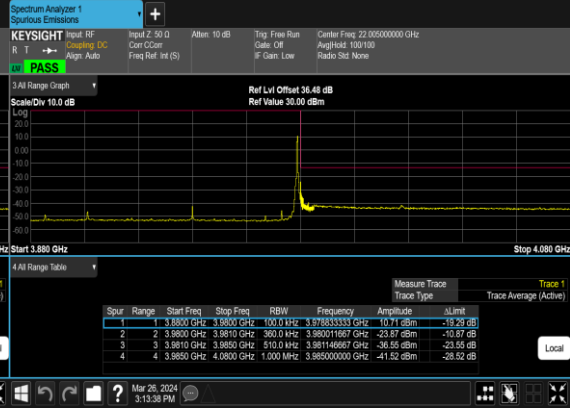
N77(80M)_CP-OFDM
16QAM_Outer_Full_Low_CH



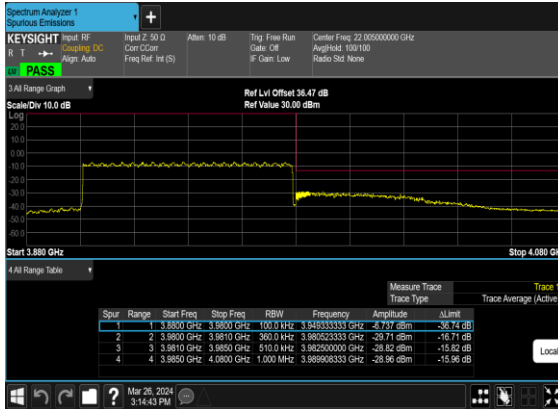
N77(80M)_CP-OFDM
QPSK_Edge_1RB_Right_High_CH



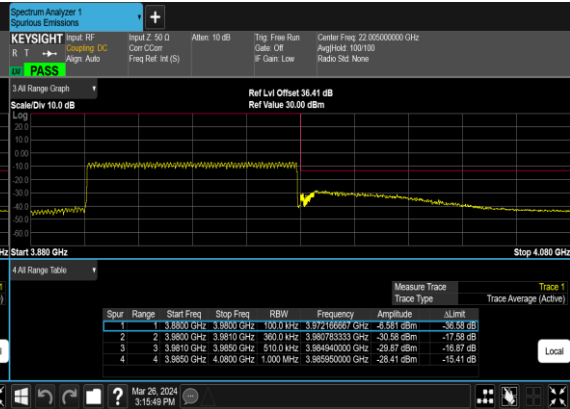
N77(80M)_CP-OFDM
16QAM_Edge_1RB_Right_High_CH



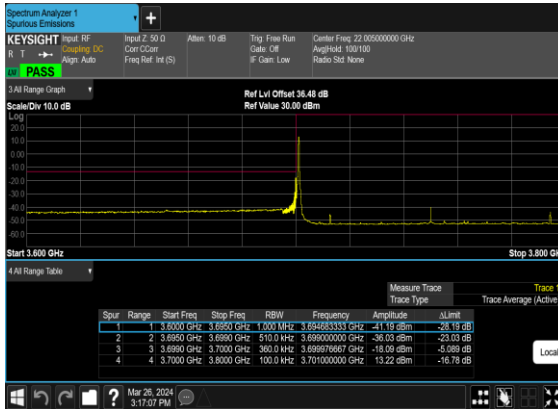
N77(80M)_CP-OFDM
QPSK_Outer_Full_High_CH



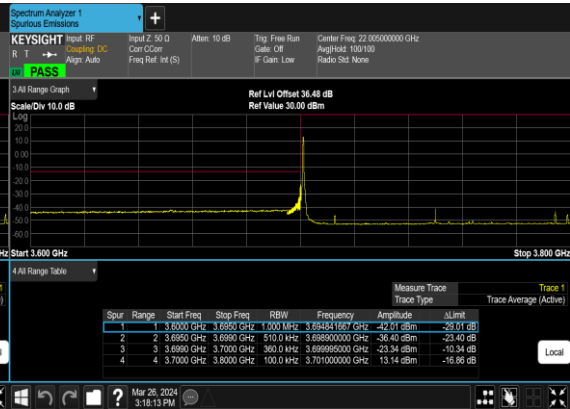
N77(80M)_CP-OFDM
16QAM_Outer_Full_High_CH



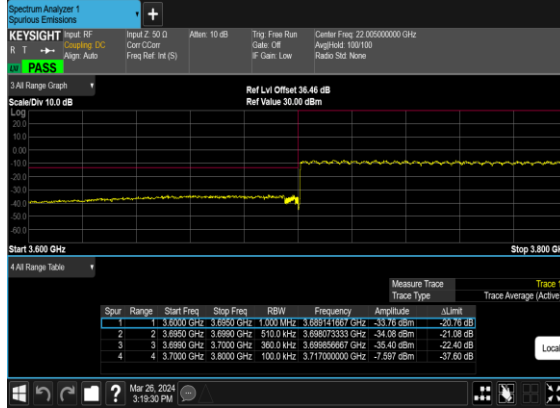
N77(100M)_CP-OFDM
QPSK_Edge_1RB_Left_Low_CH



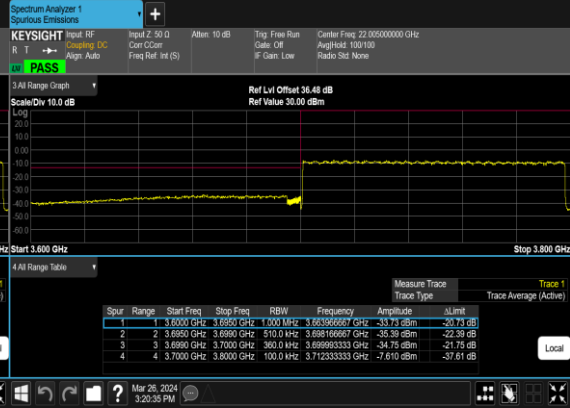
N77(100M)_CP-OFDM
16QAM_Edge_1RB_Left_Low_CH



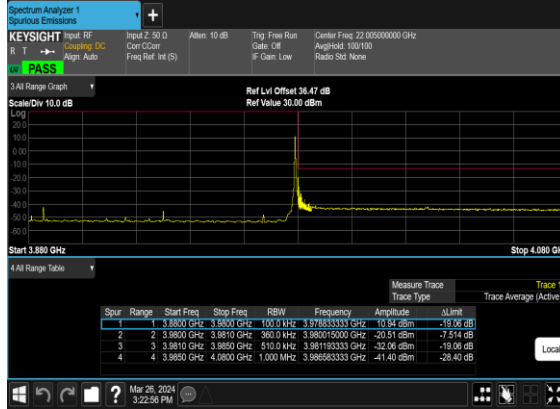
N77(100M)_CP-OFDM
QPSK_Outer_Full_Low_CH



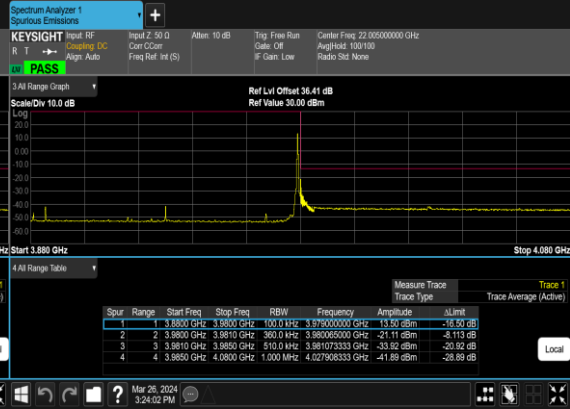
N77(100M)_CP-OFDM
16QAM_Outer_Full_Low_CH



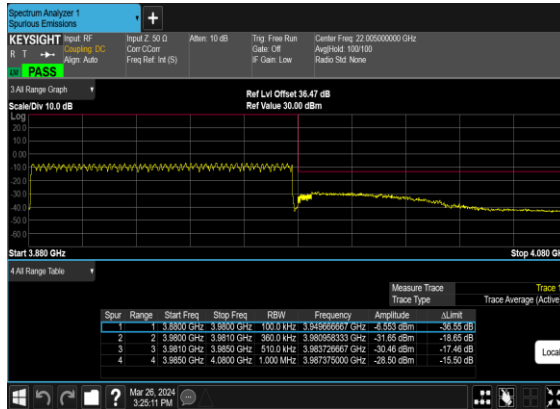
N77(100M)_CP-OFDM
QPSK_Edge_1RB_Right_High_CH



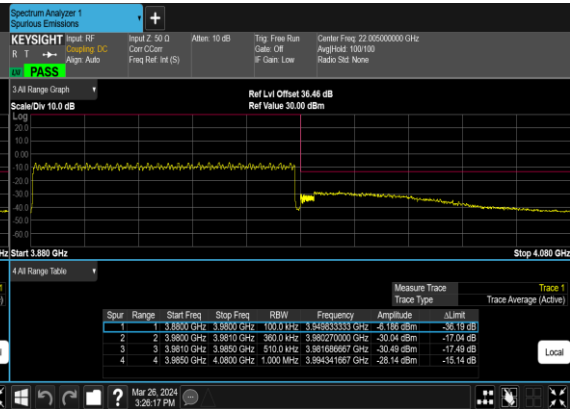
N77(100M)_CP-OFDM
16QAM_Edge_1RB_Right_High_CH



N77(100M)_CP-OFDM
QPSK_Outer_Full_High_CH



N77(100M)_CP-OFDM
16QAM_Outer_Full_High_CH



FR1 N77 SCS 30K MIMO-ANT6

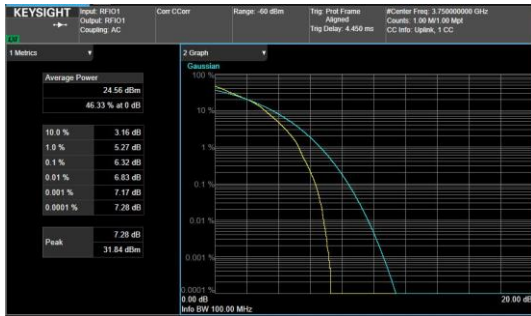
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00263	PASS	NV
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00342	PASS	LV
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00462	PASS	HV
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	-0.00368	PASS	-30°C
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00427	PASS	-20°C
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00267	PASS	-10°C
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00347	PASS	0°C
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00342	PASS	10°C
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	-0.00529	PASS	20°C
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00352	PASS	30°C
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00634	PASS	40°C
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	0.00415	PASS	50°C

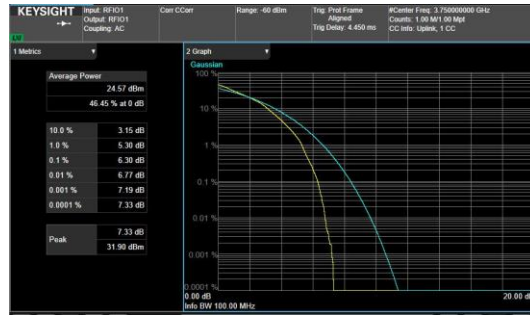
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	100	650000	3750.0	CP-OFDM QPSK	273@0	6.32	13	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	6.30	13	PASS
77	30	100	650000	3750.0	CP-OFDM 16QAM	273@0	6.33	13	PASS
77	30	100	650000	3750.0	CP-OFDM 16QAM	1@0	6.31	13	PASS

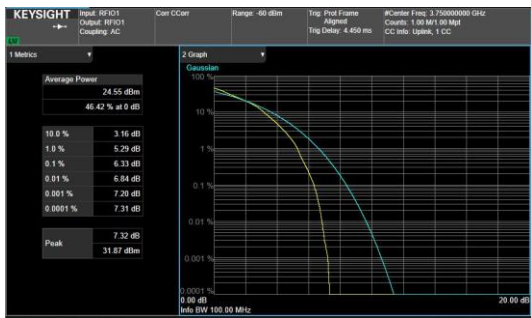
N77(60M)_CP-OFDM
QPSK_Outer_Full_Low_CH



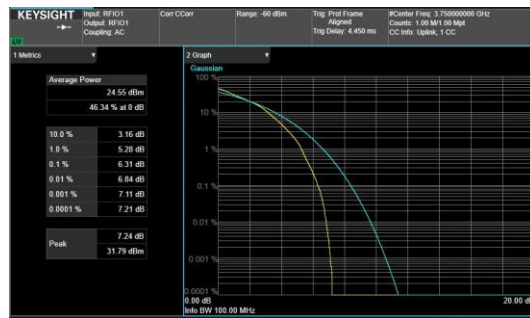
N77(60M)_CP-OFDM
QPSK_Edge_1RB_Left_Low_CH



N77(60M)_CP-OFDM 16
QAM_Outer_Full_Low_CH



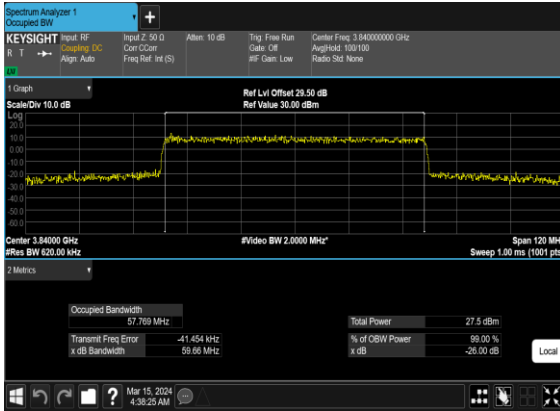
N77(60M)_CP-OFDM 16
QAM_Edge_1RB_Left_Low_CH



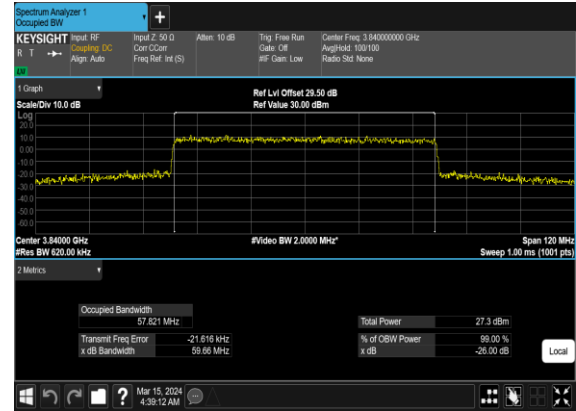
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.769	59.66
77	30	60	656000	3840.0	CP-OFDM 16QAM	162@0	57.821	59.66
77	30	60	656000	3840.0	DFT-OFDM 64 QAM	162@0	57.795	59.67
77	30	60	656000	3840.0	DFT-OFDM 256 QAM	162@0	57.676	59.64
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.473	69.81
77	30	70	656000	3840.0	CP-OFDM 16QAM	189@0	67.714	69.75
77	30	70	656000	3840.0	DFT-OFDM 64 QAM	189@0	67.64	69.76
77	30	70	656000	3840.0	DFT-OFDM 256 QAM	189@0	67.375	69.66
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.467	80.0
77	30	80	656000	3840.0	CP-OFDM 16QAM	217@0	77.465	79.96
77	30	80	656000	3840.0	DFT-OFDM 64 QAM	217@0	77.384	79.94
77	30	80	656000	3840.0	DFT-OFDM 256 QAM	217@0	77.325	79.93
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.599	90.24
77	30	90	656000	3840.0	CP-OFDM 16QAM	245@0	87.574	90.27
77	30	90	656000	3840.0	DFT-OFDM 64 QAM	245@0	87.502	90.24
77	30	90	656000	3840.0	DFT-OFDM 256 QAM	245@0	87.346	90.12
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.636	100.6
77	30	100	656000	3840.0	CP-OFDM 16QAM	273@0	97.636	100.5
77	30	100	656000	3840.0	DFT-OFDM 64 QAM	273@0	97.513	100.5
77	30	100	656000	3840.0	DFT-OFDM 256 QAM	273@0	97.416	100.4

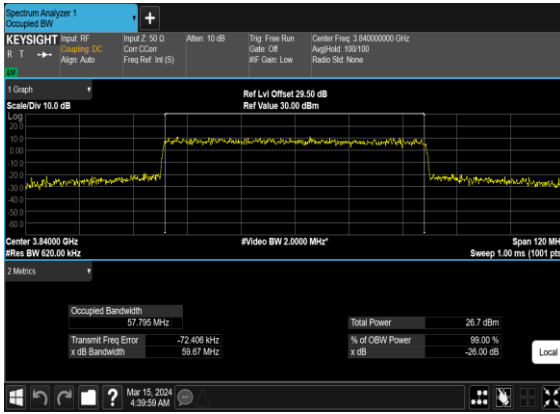
N77(60M)_CP-OFDM QPSK_Outer_Full_Mid_CH



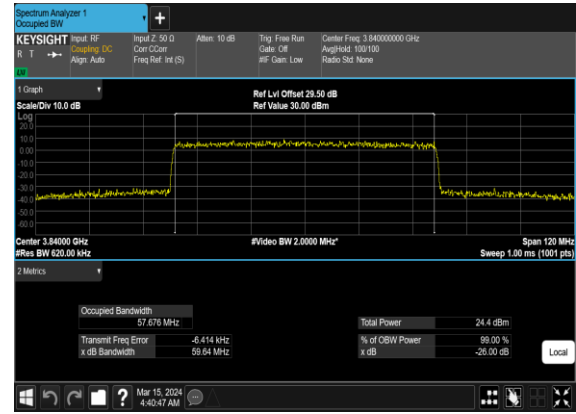
N77(60M)_CP-OFDM 16 QAM_Outer_Full_Mid_CH



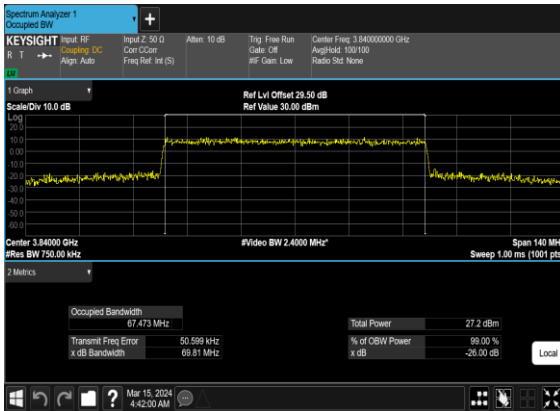
N77(60M)_DFT-OFDM_64 QAM_Outer_Full_Mid_CH



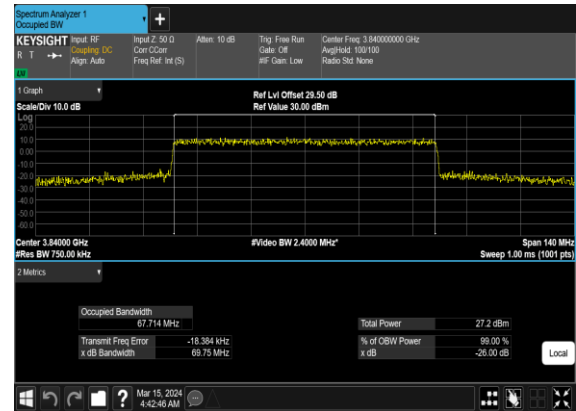
N77(60M)_DFT-OFDM_256 QAM_Outer_Full_Mid_CH



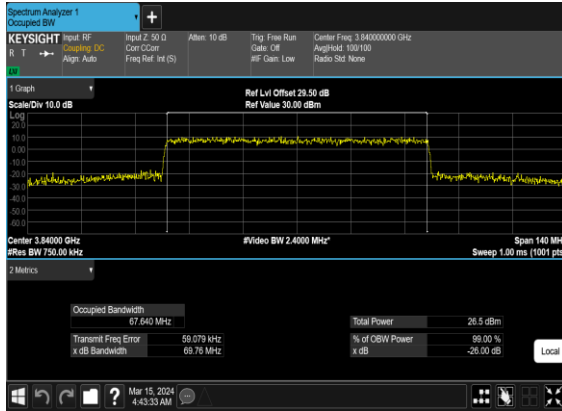
N77(70M)_CP-OFDM QPSK_Outer_Full_Mid_CH



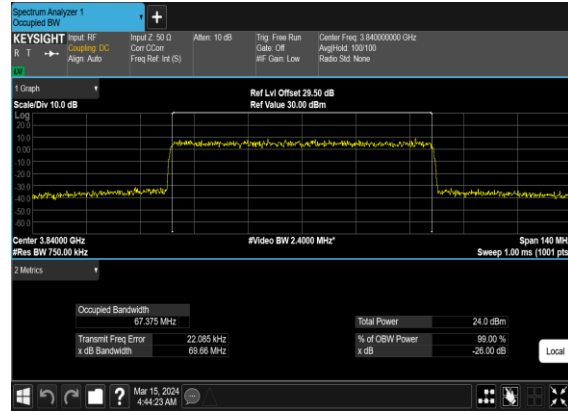
N77(70M)_CP-OFDM 16 QAM_Outer_Full_Mid_CH



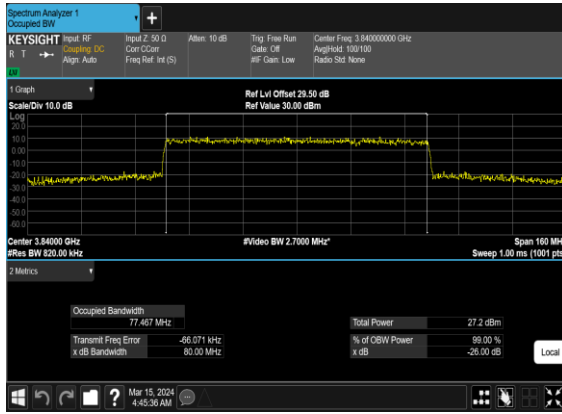
N77(70M)_DFT-OFDM_64 QAM_Outer_Full_Mid_CH



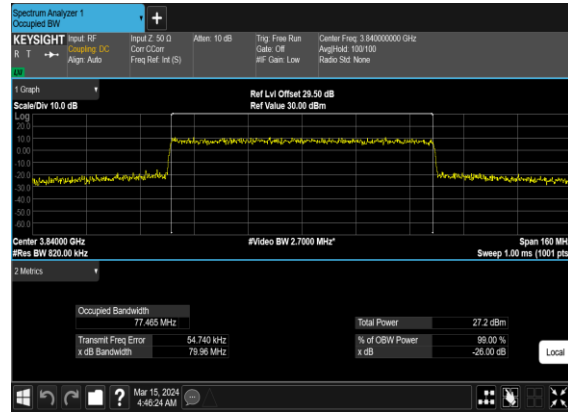
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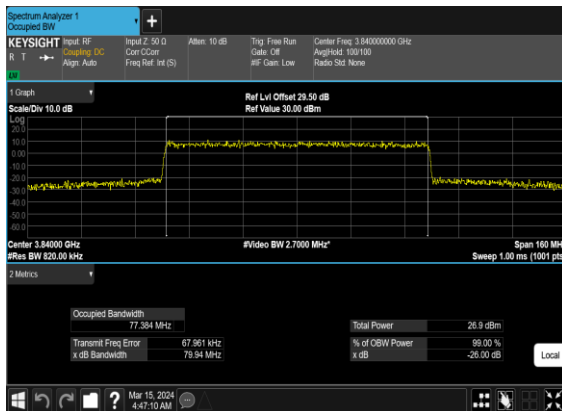
N77(80M)_CP-OFDM QPSK_Outer_Full_Mid_CH



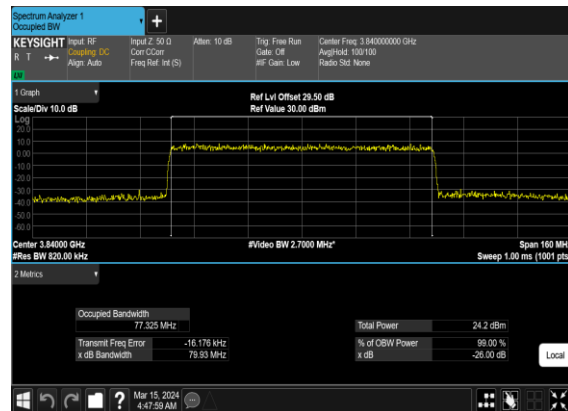
N77(80M)_CP-OFDM 16 QAM_Outer_Full_Mid_CH



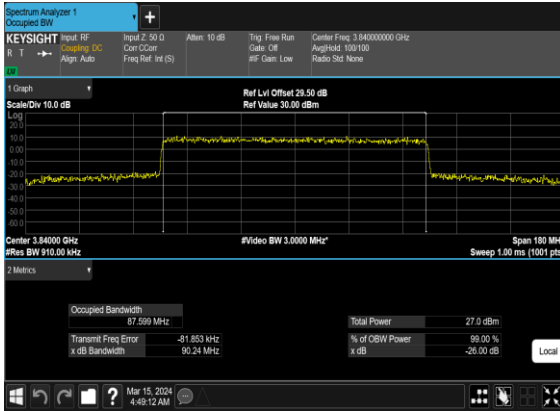
N77(80M)_DFT-OFDM_64 QAM_Outer_Full_Mid_CH



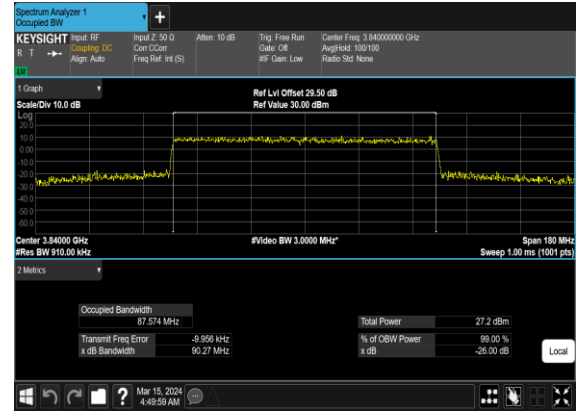
N77(80M)_DFT-OFDM_256 QAM_Outer_Full_Mid_CH



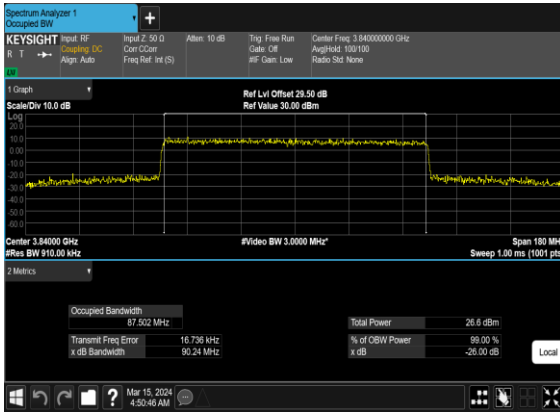
N77(90M)_CP-OFDM QPSK_Outer_Full_Mid_CH



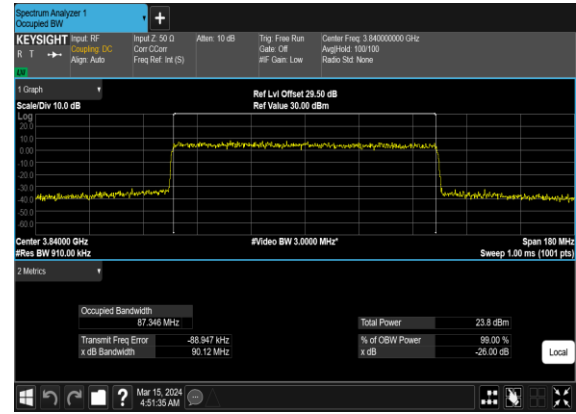
N77(90M)_CP-OFDM 16 QAM_Outer_Full_Mid_CH



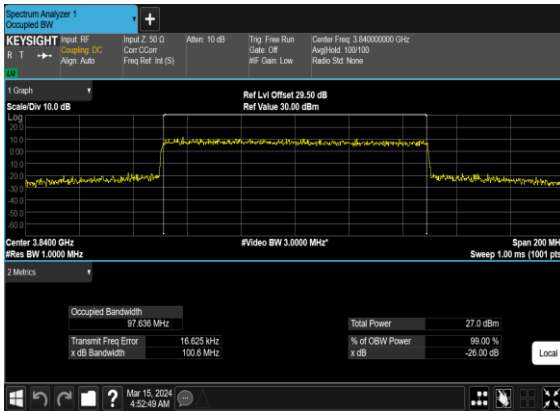
N77(90M)_DFT-OFDM_64 QAM_Outer_Full_Mid_CH



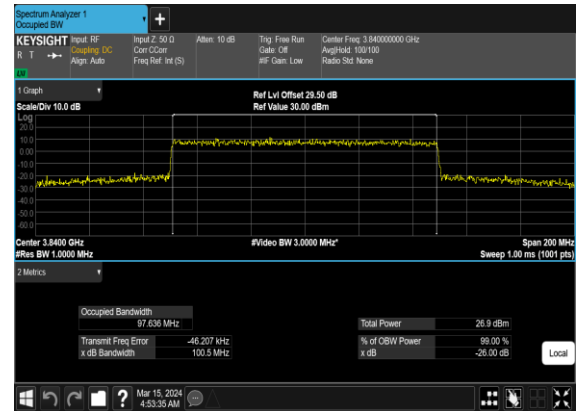
N77(90M)_DFT-OFDM_256 QAM_Outer_Full_Mid_CH



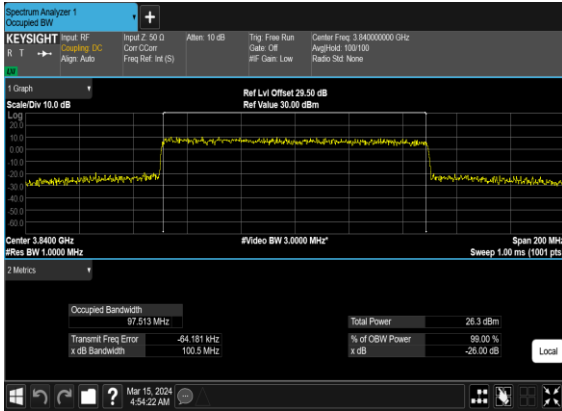
N77(100M)_CP-OFDM QPSK_Outer_Full_Mid_CH



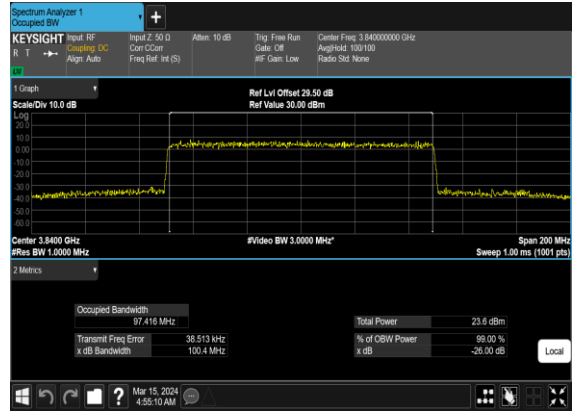
N77(100M)_CP-OFDM 16 QAM_Outer_Full_Mid_CH



N77(100M)_DFT-OFDM_64 QAM_Outer_Full_Mid_CH



N77(100M)_DFT-OFDM_256 QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

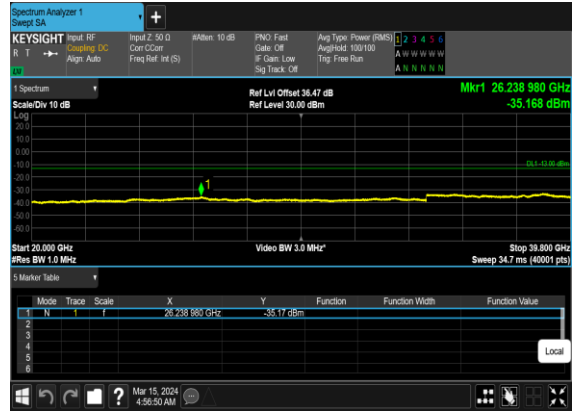
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	---
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM 16QAM	1@0	see graph	---
77	30	60	648668	3730.02	CP-OFDM 16QAM	1@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM 16QAM	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	656000	3840.0	CP-OFDM 16QAM	1@0	see graph	---
77	30	60	656000	3840.0	CP-OFDM 16QAM	1@0	see graph	PASS
77	30	60	656000	3840.0	CP-OFDM 16QAM	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	60	663332	3949.98	CP-OFDM 16QAM	1@0	see graph	---
77	30	60	663332	3949.98	CP-OFDM 16QAM	1@0	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM 16QAM	1@0	see graph	PASS
77	30	80	649334	3740.01	CP-OFDM QPSK	1@0	see graph	---
77	30	80	649334	3740.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	CP-OFDM 16QAM	1@0	see graph	---
77	30	80	649334	3740.01	CP-OFDM 16QAM	1@0	see graph	PASS
77	30	80	649334	3740.01	CP-OFDM 16QAM	1@0	see graph	PASS
77	30	80	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---
77	30	80	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	656000	3840.0	CP-OFDM 16QAM	1@0	see graph	---
77	30	80	656000	3840.0	CP-OFDM 16QAM	1@0	see graph	PASS
77	30	80	656000	3840.0	CP-OFDM 16QAM	1@0	see graph	PASS

77	30	80	662666	3939.99	CP-OFDM QPSK	1@0	see graph	---
77	30	80	662666	3939.99	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	662666	3939.99	CP-OFDM QPSK	1@0	see graph	PASS
77	30	80	662666	3939.99	CP-OFDM 16QAM	1@0	see graph	---
77	30	80	662666	3939.99	CP-OFDM 16QAM	1@0	see graph	PASS
77	30	80	662666	3939.99	CP-OFDM 16QAM	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	650000	3750.0	CP-OFDM 16QAM	1@0	see graph	---
77	30	100	650000	3750.0	CP-OFDM 16QAM	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM 16QAM	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	656000	3840.0	CP-OFDM 16QAM	1@0	see graph	---
77	30	100	656000	3840.0	CP-OFDM 16QAM	1@0	see graph	PASS
77	30	100	656000	3840.0	CP-OFDM 16QAM	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
77	30	100	662000	3930.0	CP-OFDM 16QAM	1@0	see graph	---
77	30	100	662000	3930.0	CP-OFDM 16QAM	1@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM 16QAM	1@0	see graph	PASS

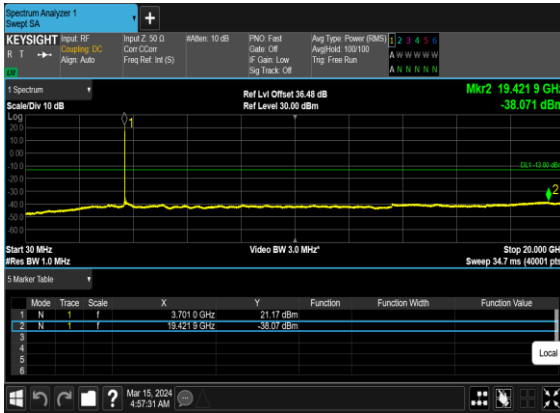
N77(60M)_CP-OFDM QPSK_Edge_1RB_Left_Low_CH



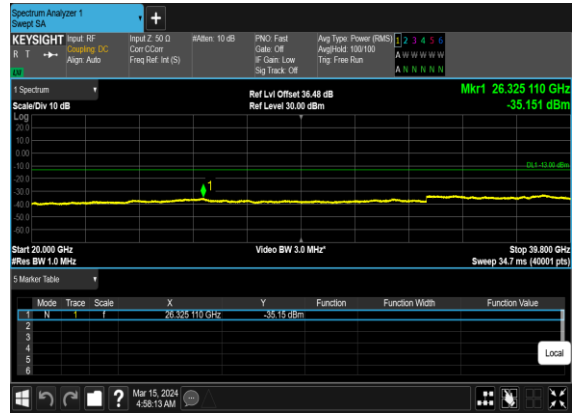
N77(60M)_CP-OFDM QPSK_Edge_1RB_Left_Low_CH



N77(60M)_CP-OFDM 16 QAM_Edge_1RB_Left_Low_CH



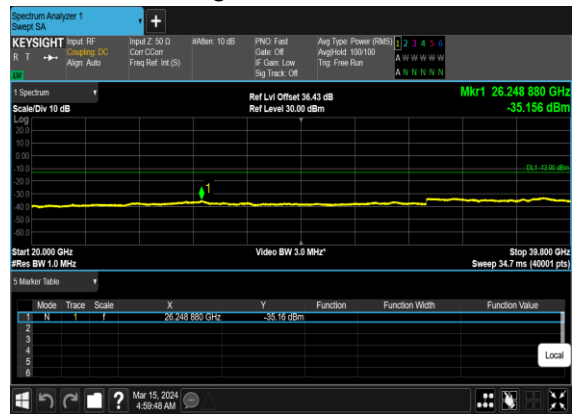
N77(60M)_CP-OFDM 16 QAM_Edge_1RB_Left_Low_CH



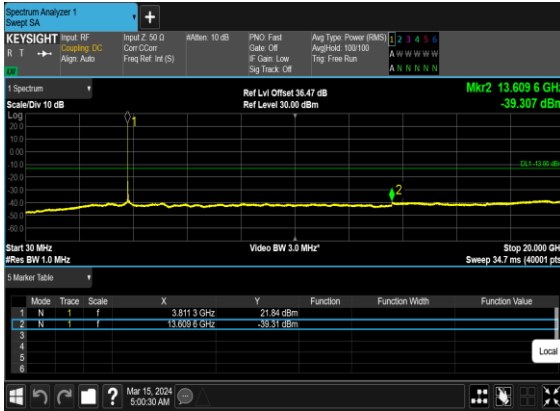
N77(60M)_CP-OFDM QPSK_Edge_1RB_Left_Mid_CH



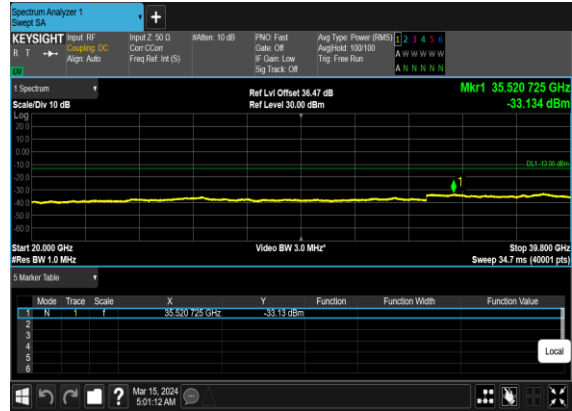
N77(60M)_CP-OFDM QPSK_Edge_1RB_Left_Mid_CH



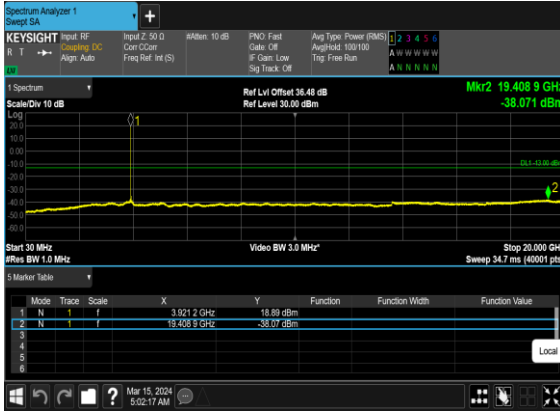
N77(60M)_CP-OFDM 16
QAM_Edge_1RB_Left_Mid_CH



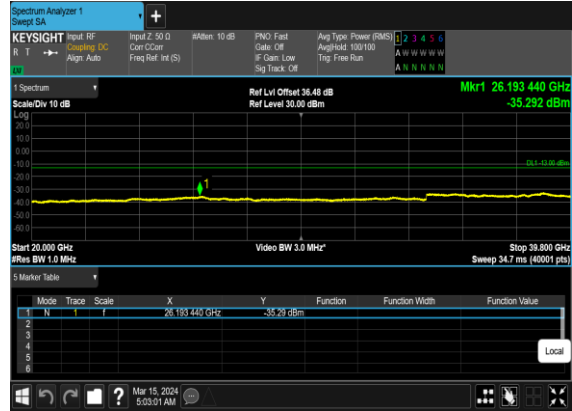
N77(60M)_CP-OFDM 16
QAM_Edge_1RB_Left_Mid_CH



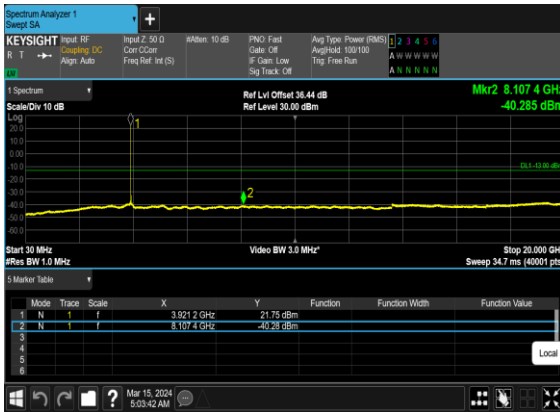
N77(60M)_CP-OFDM
QPSK_Edge_1RB_Left_High_CH



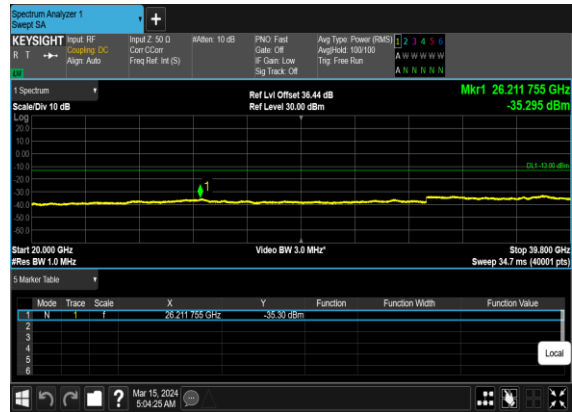
N77(60M)_CP-OFDM
QPSK_Edge_1RB_Left_High_CH



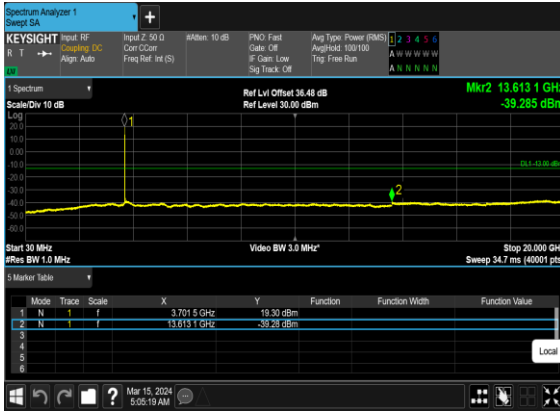
N77(60M)_CP-OFDM 16
QAM_Edge_1RB_Left_High_CH



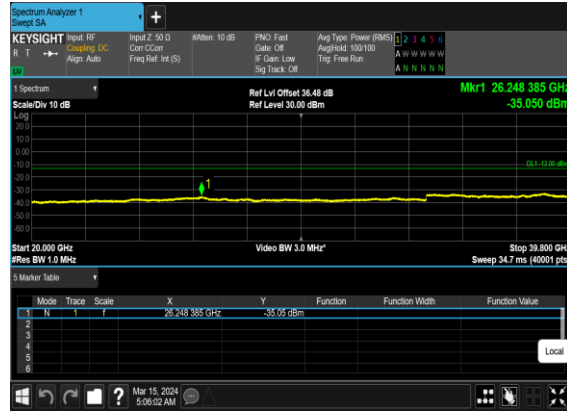
N77(60M)_CP-OFDM 16
QAM_Edge_1RB_Left_High_CH



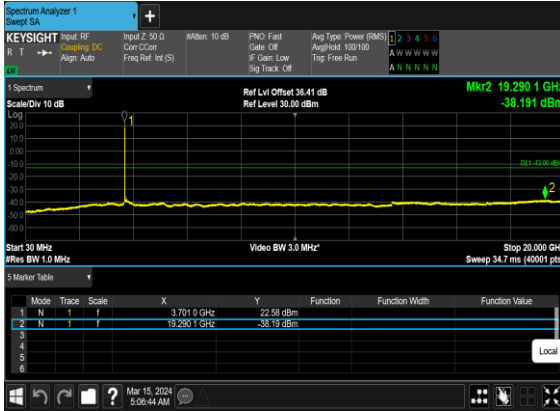
N77(80M)_CP-OFDM
QPSK_Edge_1RB_Left_Low_CH



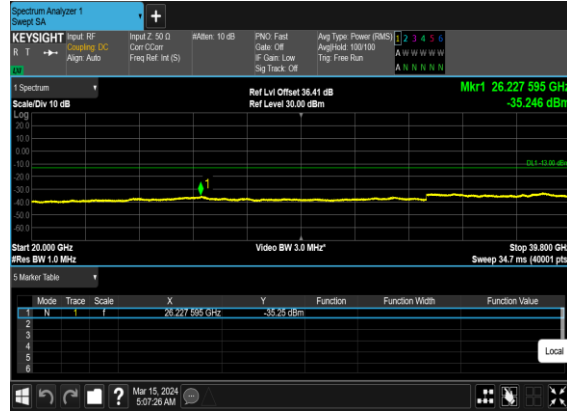
N77(80M)_CP-OFDM
QPSK_Edge_1RB_Left_Low_CH



N77(80M)_CP-OFDM 16
QAM_Edge_1RB_Left_Low_CH



N77(80M)_CP-OFDM 16
QAM_Edge_1RB_Left_Low_CH



N77(80M)_CP-OFDM
QPSK_Edge_1RB_Left_Mid_CH



N77(80M)_CP-OFDM
QPSK_Edge_1RB_Left_Mid_CH

