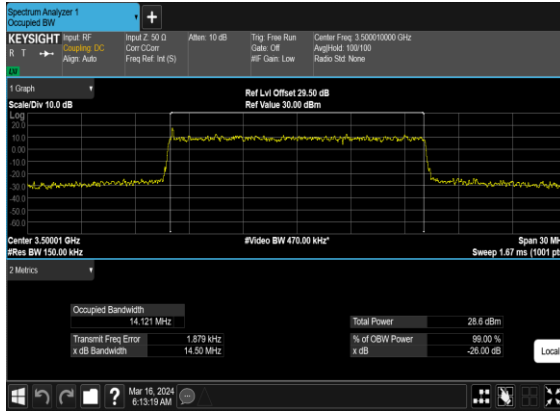
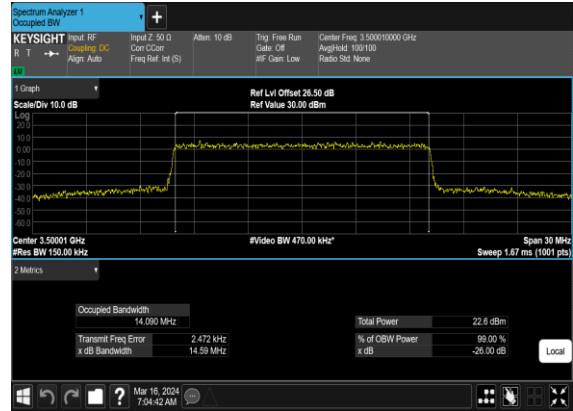


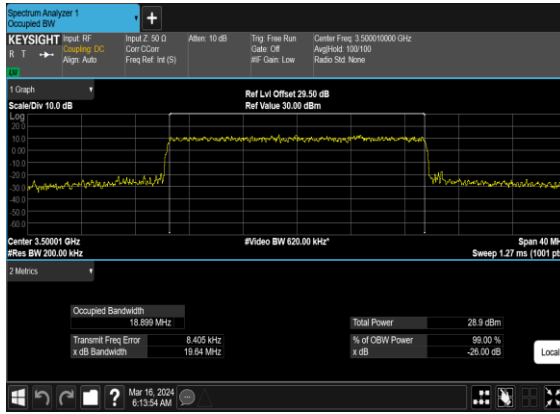
N77(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



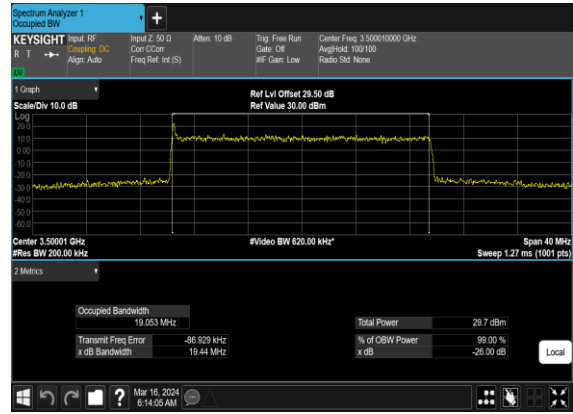
N77(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



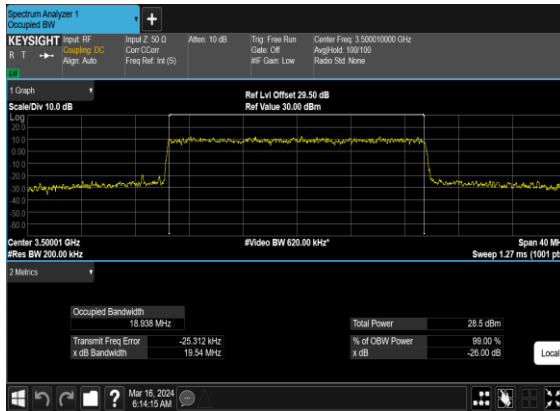
N77(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



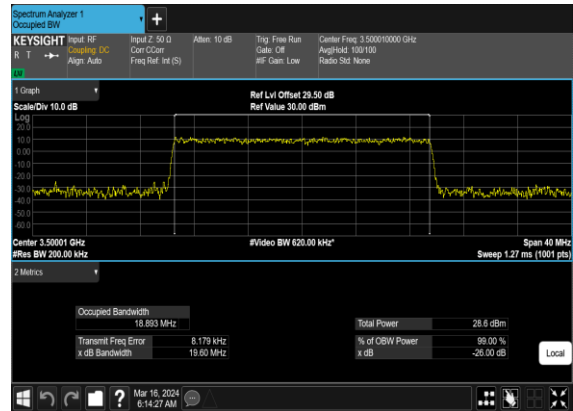
N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



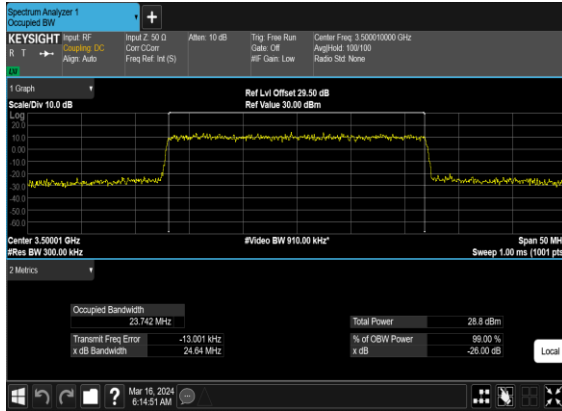
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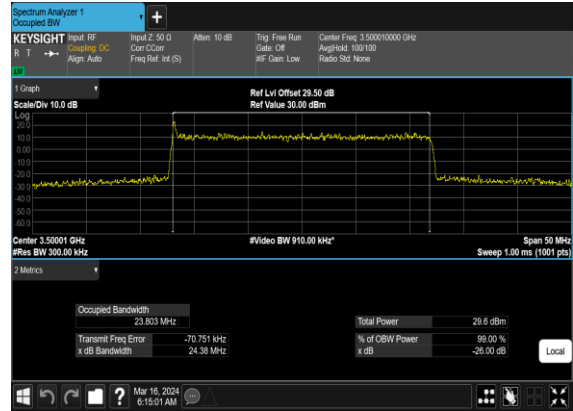
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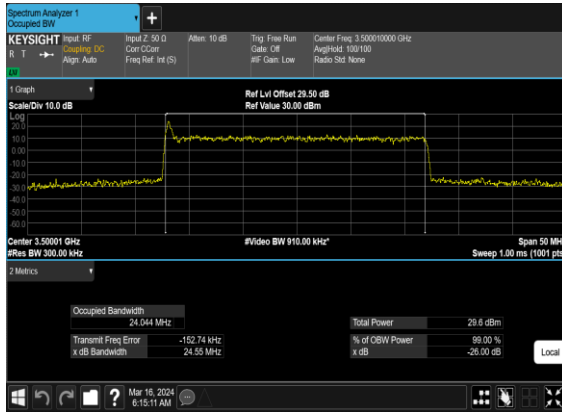
N77(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



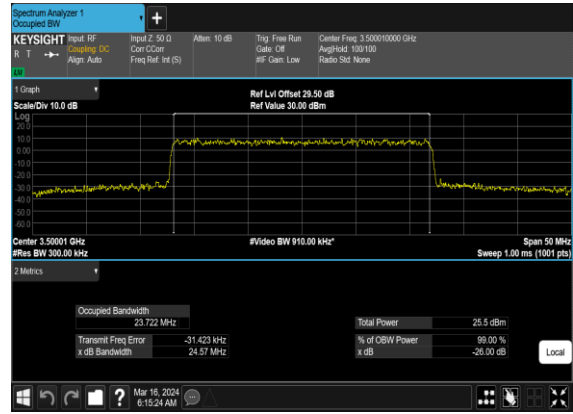
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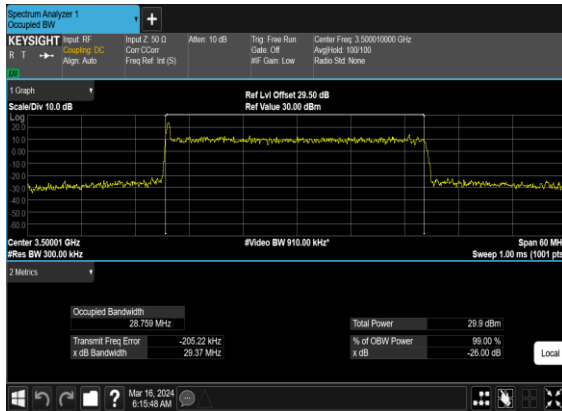
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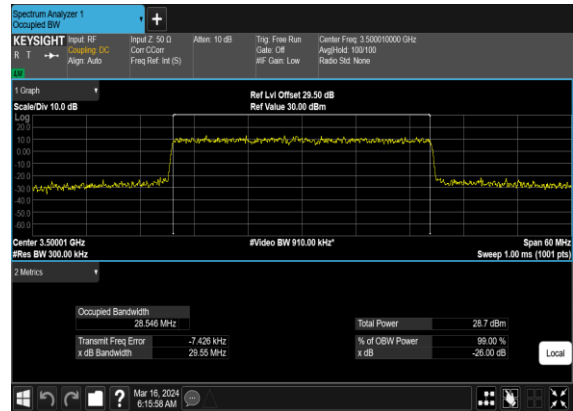
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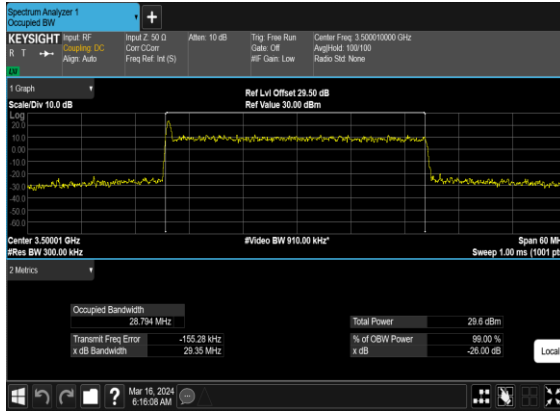
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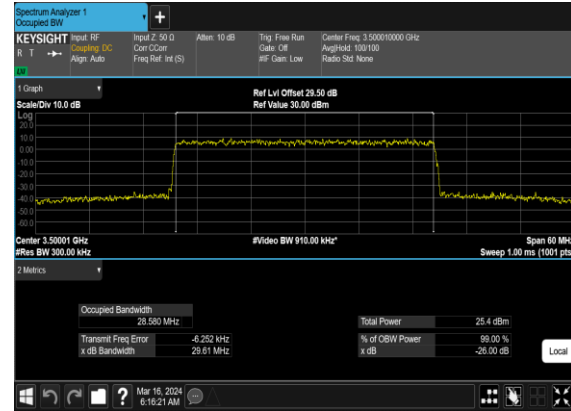
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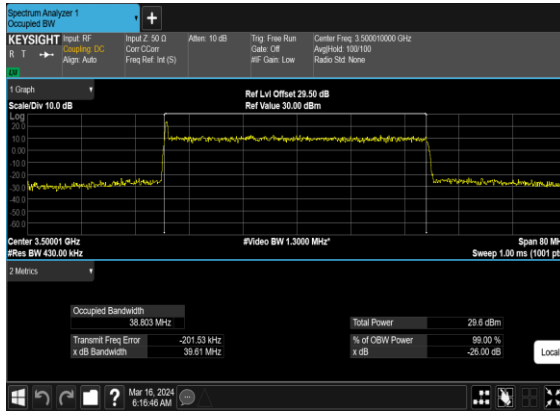
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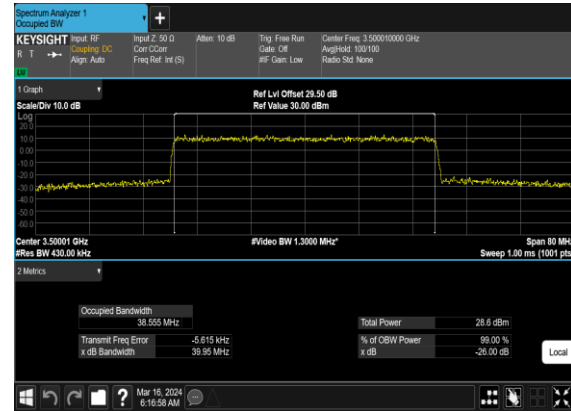
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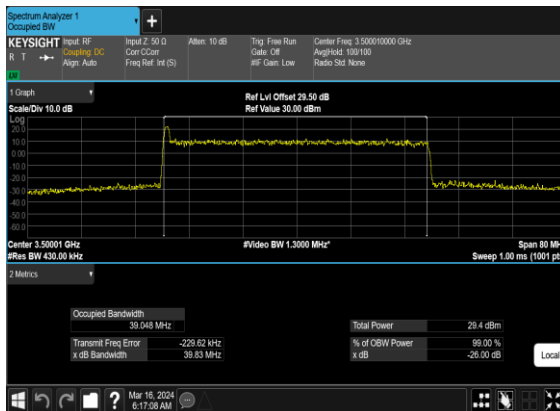
N77(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



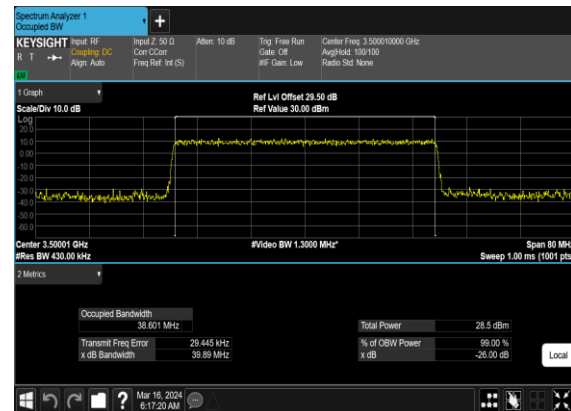
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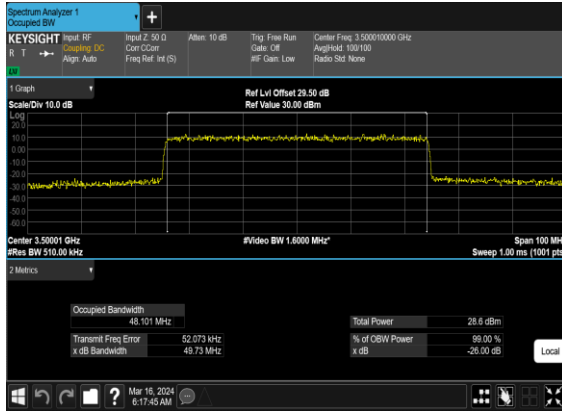
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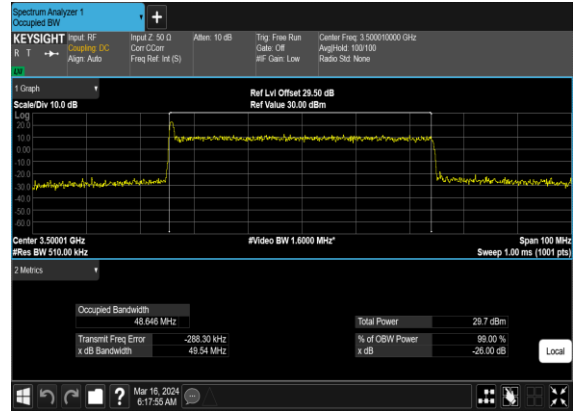
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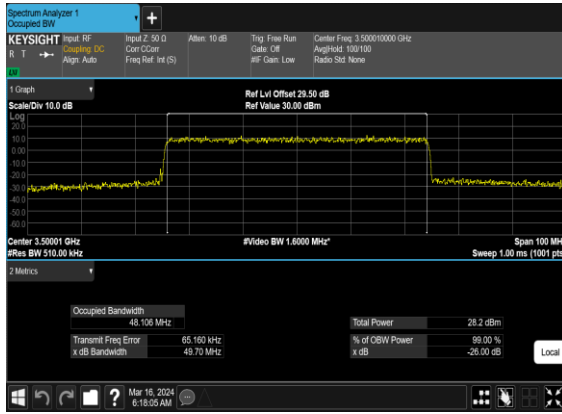
N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



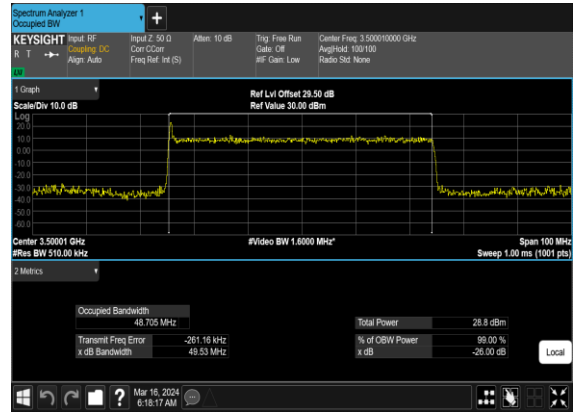
N77(50M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

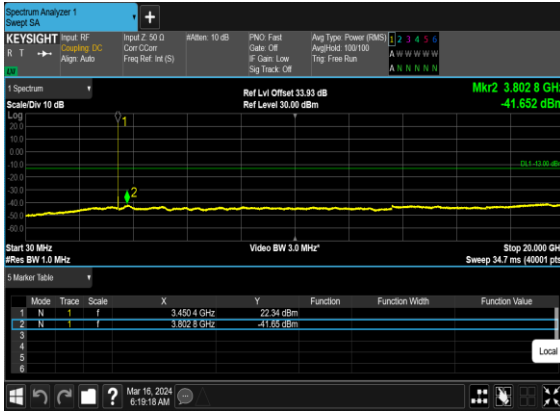


Conducted Spurious Emissions

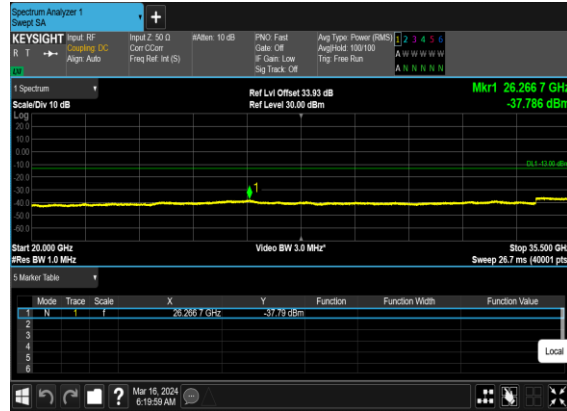
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	---
77	15	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	630334	3455.01	CP-OFDM 16 QAM	1@0	see graph	---
77	15	10	630334	3455.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	630334	3455.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	15	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	---
77	15	10	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	636333	3544.995	CP-OFDM QPSK	1@0	see graph	---
77	15	10	636333	3544.995	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	636333	3544.995	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	636333	3544.995	CP-OFDM 16 QAM	1@0	see graph	---
77	15	10	636333	3544.995	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	636333	3544.995	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	630834	3462.51	CP-OFDM QPSK	1@0	see graph	---
77	15	25	630834	3462.51	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	630834	3462.51	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	630834	3462.51	CP-OFDM 16 QAM	1@0	see graph	---
77	15	25	630834	3462.51	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	630834	3462.51	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	15	25	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	---
77	15	25	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS

77	15	25	635833	3537.495	CP-OFDM QPSK	1@0	see graph	---
77	15	25	635833	3537.495	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	635833	3537.495	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	635833	3537.495	CP-OFDM 16 QAM	1@0	see graph	---
77	15	25	635833	3537.495	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	635833	3537.495	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	50	631667	3475.005	CP-OFDM QPSK	1@0	see graph	---
77	15	50	631667	3475.005	CP-OFDM QPSK	1@0	see graph	PASS
77	15	50	631667	3475.005	CP-OFDM QPSK	1@0	see graph	PASS
77	15	50	631667	3475.005	CP-OFDM 16 QAM	1@0	see graph	---
77	15	50	631667	3475.005	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	50	631667	3475.005	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	15	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	50	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	---
77	15	50	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	50	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	---
77	15	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	PASS
77	15	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	PASS
77	15	50	635000	3525.0	CP-OFDM 16 QAM	1@0	see graph	---
77	15	50	635000	3525.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	50	635000	3525.0	CP-OFDM 16 QAM	1@0	see graph	PASS

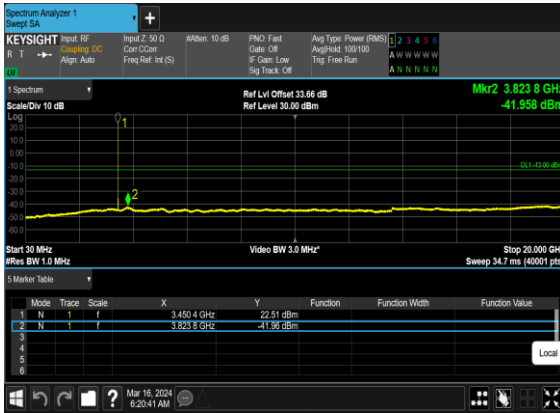
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



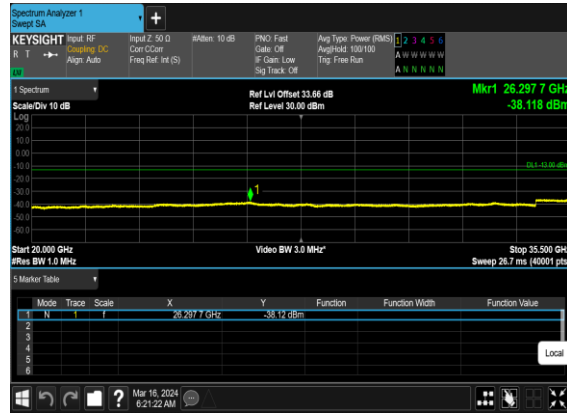
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



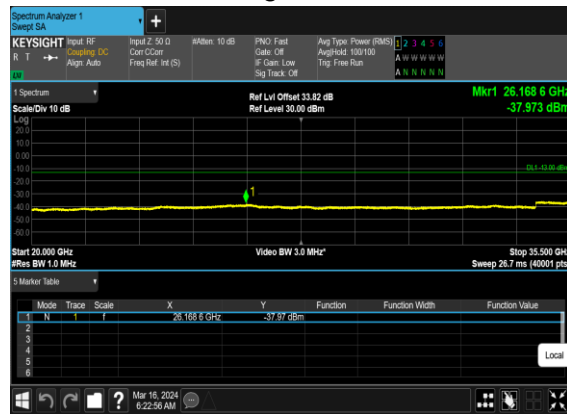
N77(10M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



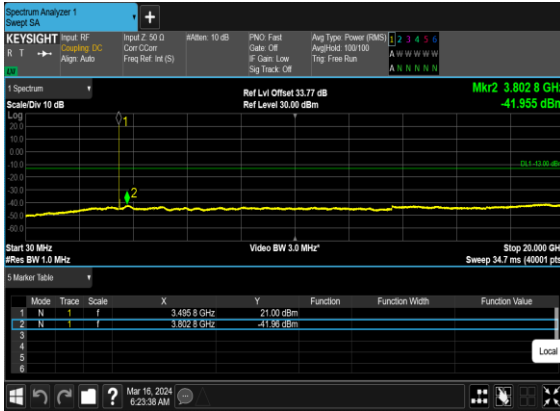
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



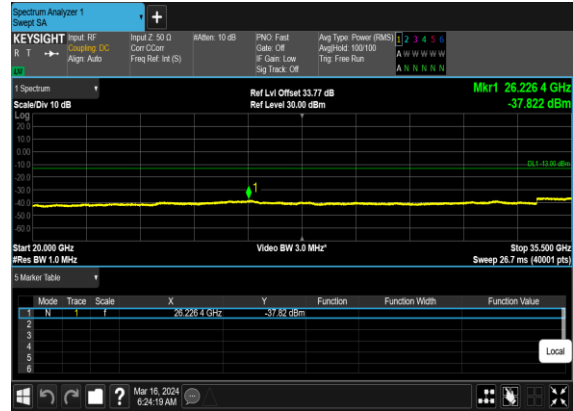
N77(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(10M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



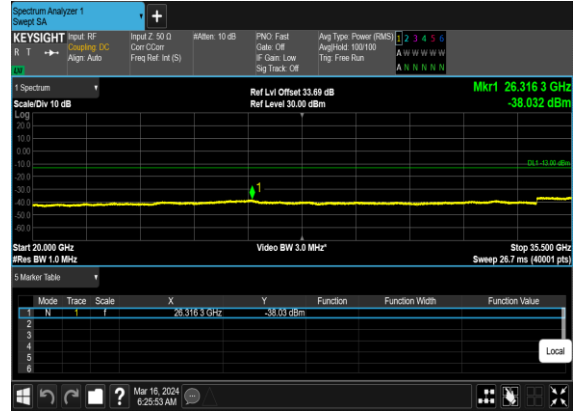
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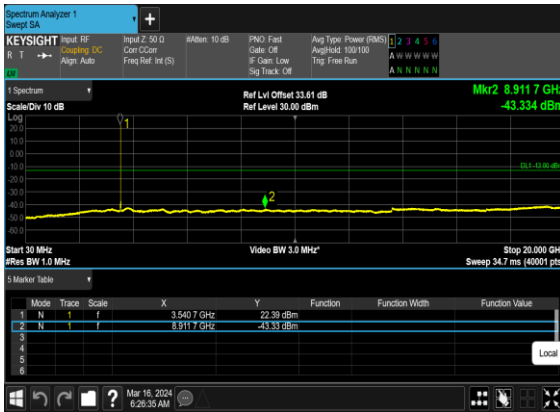
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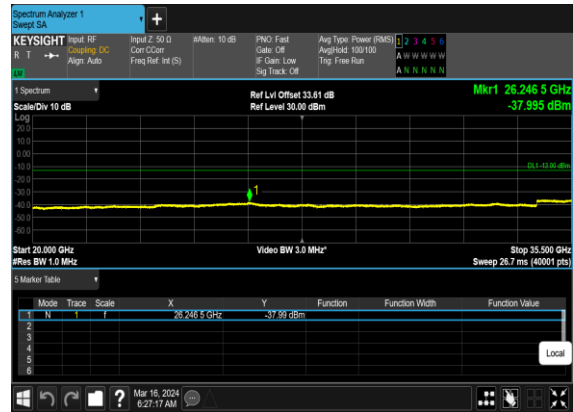
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



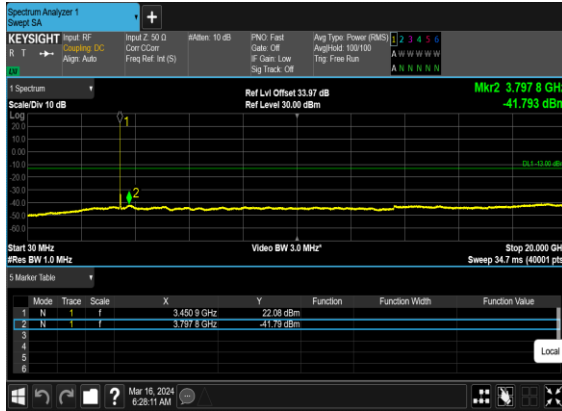
N77(10M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



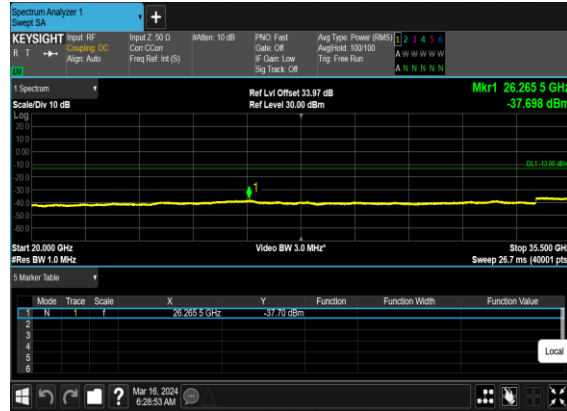
N77(10M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



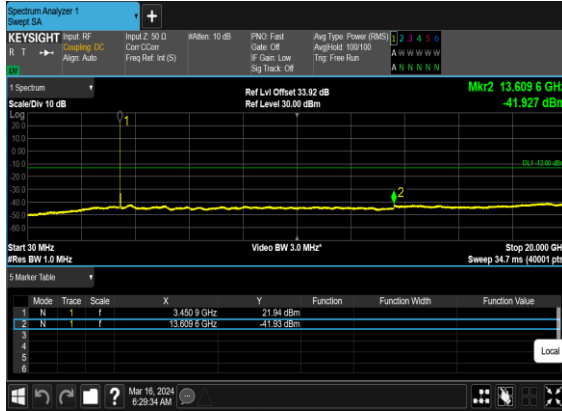
N77(25M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



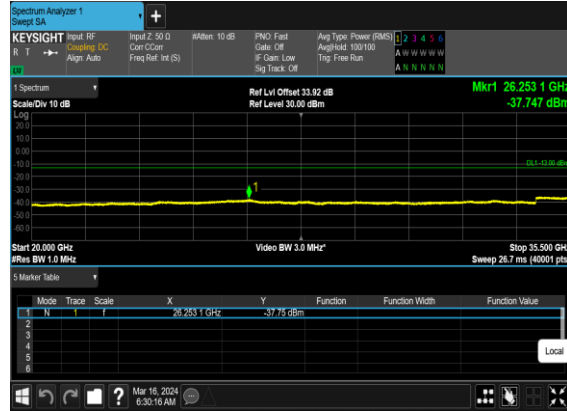
N77(25M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(25M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



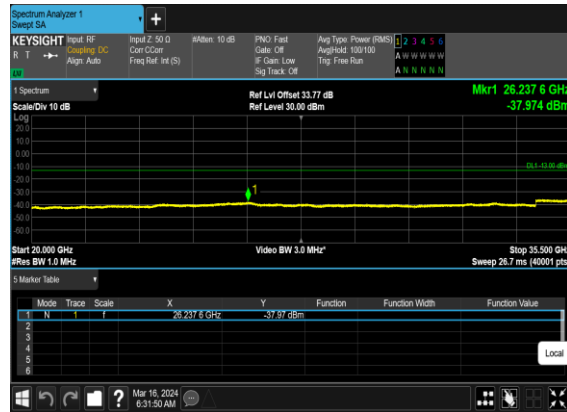
N77(25M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



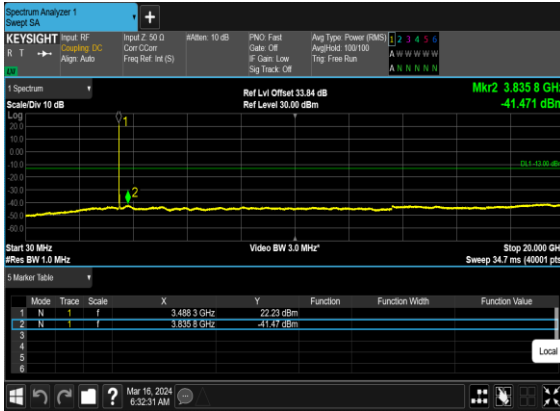
N77(25M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



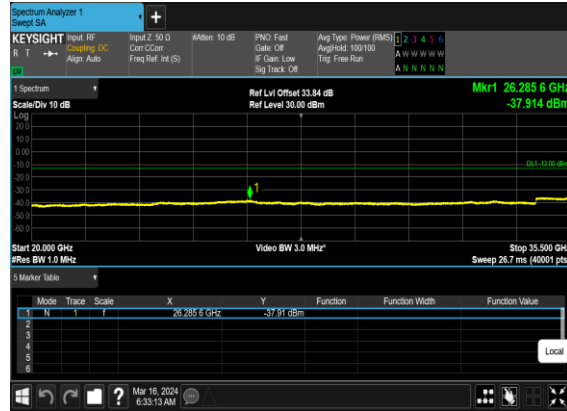
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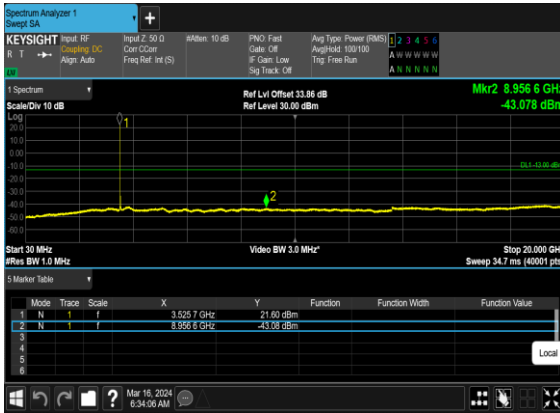
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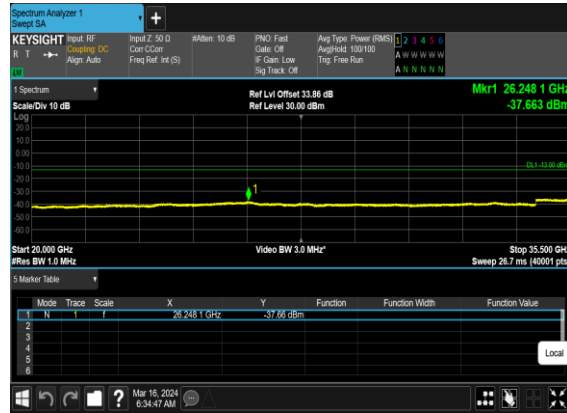
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N77(25M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



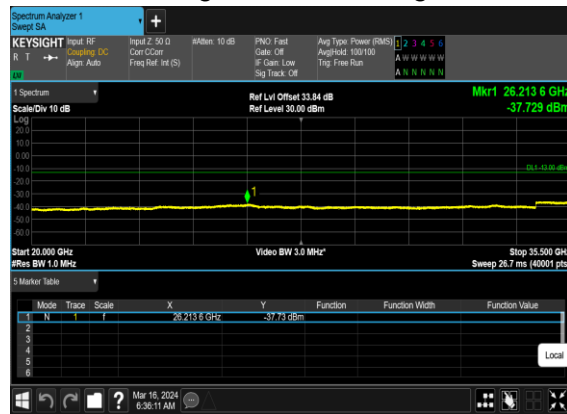
N77(25M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



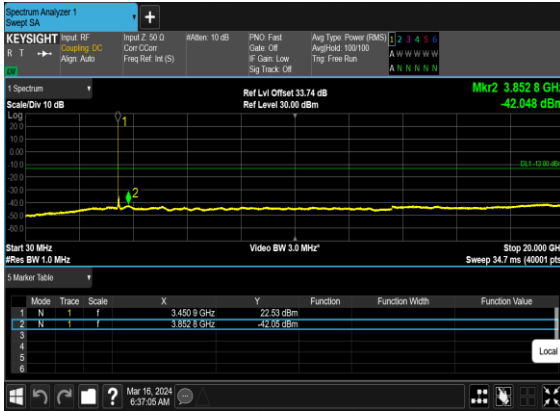
N77(25M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



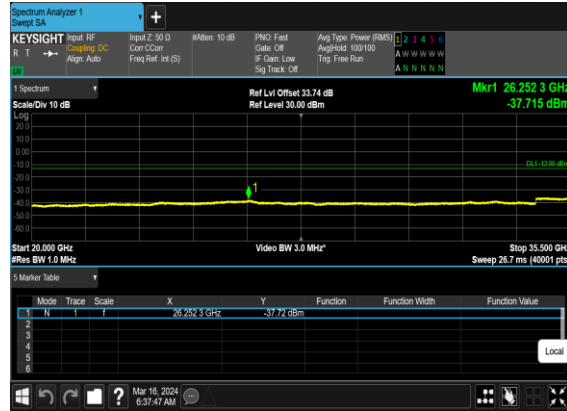
N77(25M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



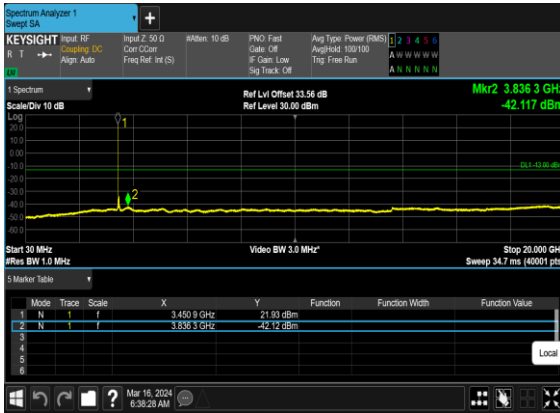
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



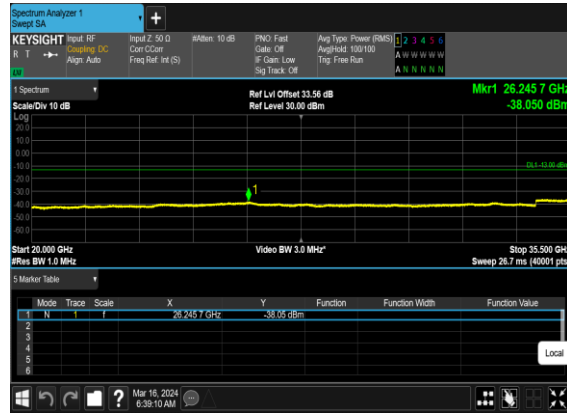
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



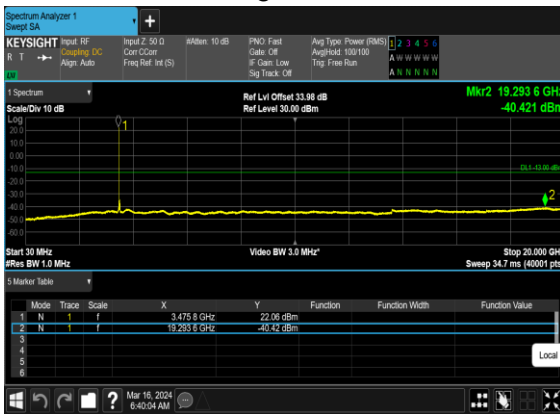
N77(50M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



N77(50M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



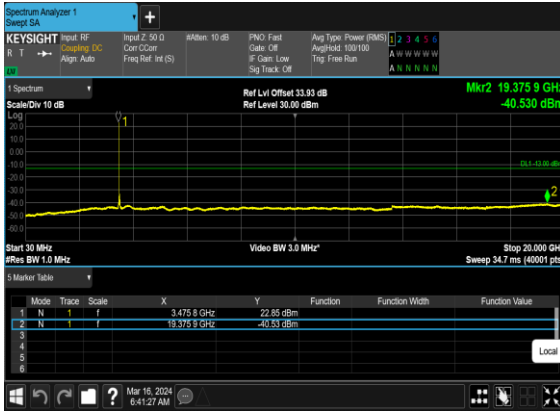
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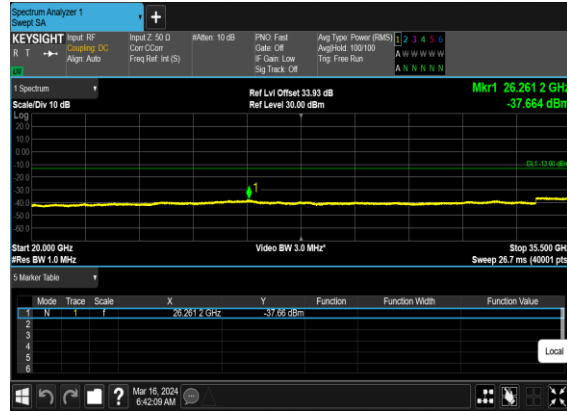
N77(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



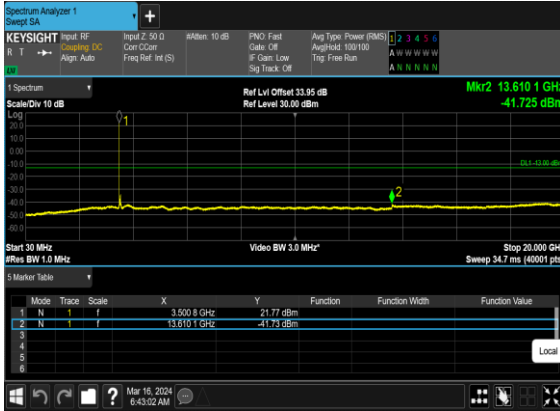
N77(50M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



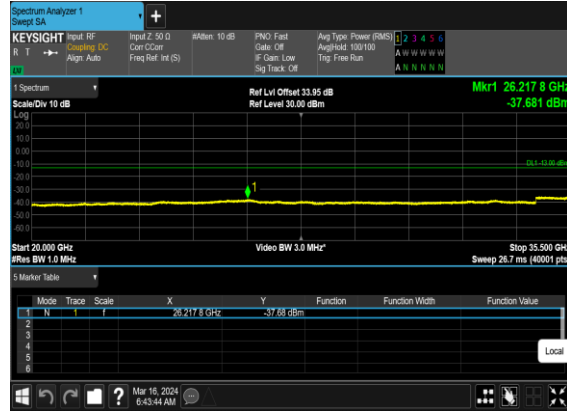
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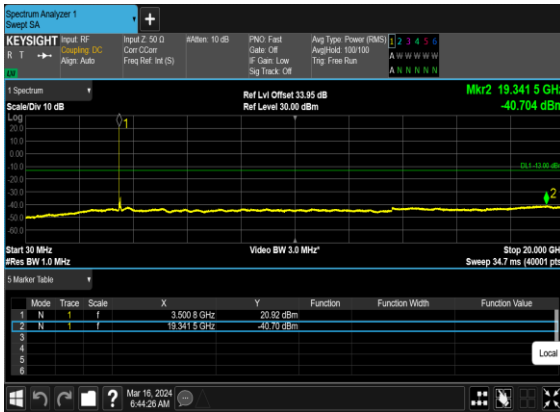
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



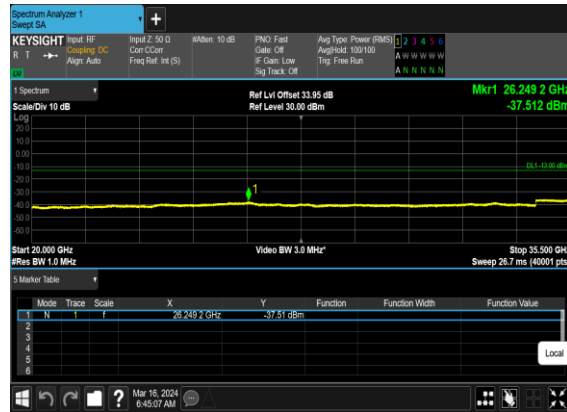
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(50M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



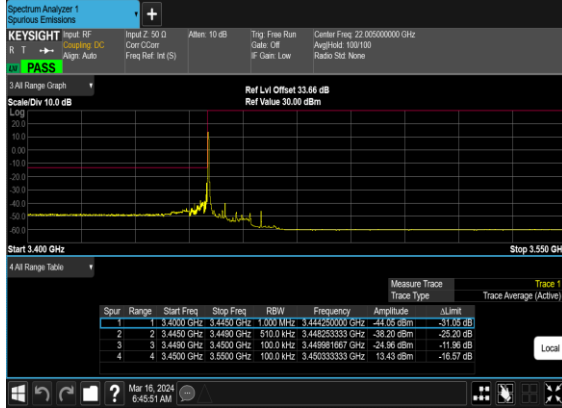
N77(50M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



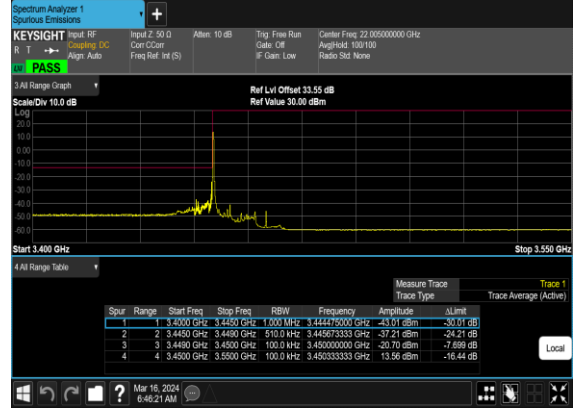
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	PASS
77	15	10	630334	3455.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	10	630334	3455.01	CP-OFDM QPSK	50@0	see graph	PASS
77	15	10	630334	3455.01	CP-OFDM 16 QAM	50@0	see graph	PASS
77	15	10	636333	3544.995	CP-OFDM QPSK	1@51	see graph	PASS
77	15	10	636333	3544.995	CP-OFDM 16 QAM	1@51	see graph	PASS
77	15	10	636333	3544.995	CP-OFDM QPSK	50@0	see graph	PASS
77	15	10	636333	3544.995	CP-OFDM 16 QAM	50@0	see graph	PASS
77	15	25	630834	3462.51	CP-OFDM QPSK	1@0	see graph	PASS
77	15	25	630834	3462.51	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	25	630834	3462.51	CP-OFDM QPSK	128@0	see graph	PASS
77	15	25	630834	3462.51	CP-OFDM 16 QAM	128@0	see graph	PASS
77	15	25	635833	3537.495	CP-OFDM QPSK	1@132	see graph	PASS
77	15	25	635833	3537.495	CP-OFDM 16 QAM	1@132	see graph	PASS
77	15	25	635833	3537.495	CP-OFDM QPSK	128@0	see graph	PASS
77	15	25	635833	3537.495	CP-OFDM 16 QAM	128@0	see graph	PASS
77	15	50	631667	3475.005	CP-OFDM QPSK	1@0	see graph	PASS
77	15	50	631667	3475.005	CP-OFDM 16 QAM	1@0	see graph	PASS
77	15	50	631667	3475.005	CP-OFDM QPSK	270@0	see graph	PASS
77	15	50	631667	3475.005	CP-OFDM 16 QAM	270@0	see graph	PASS
77	15	50	635000	3525.0	CP-OFDM QPSK	1@269	see graph	PASS
77	15	50	635000	3525.0	CP-OFDM 16 QAM	1@269	see graph	PASS
77	15	50	635000	3525.0	CP-OFDM QPSK	270@0	see graph	PASS
77	15	50	635000	3525.0	CP-OFDM 16 QAM	270@0	see graph	PASS

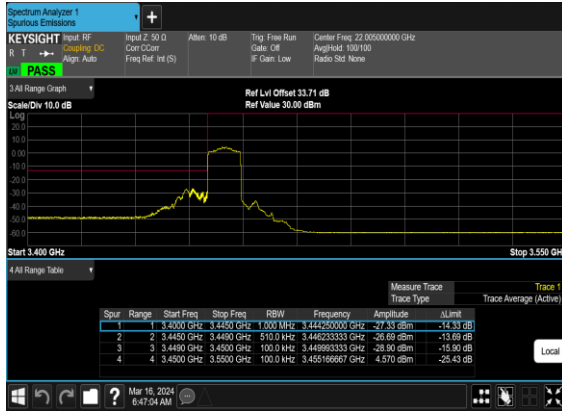
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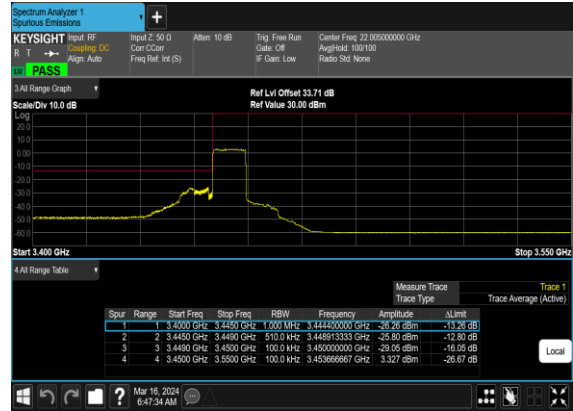
N77(10M)_CP-OFDM_16QAM_Edge_1RB_Left_Low_CH



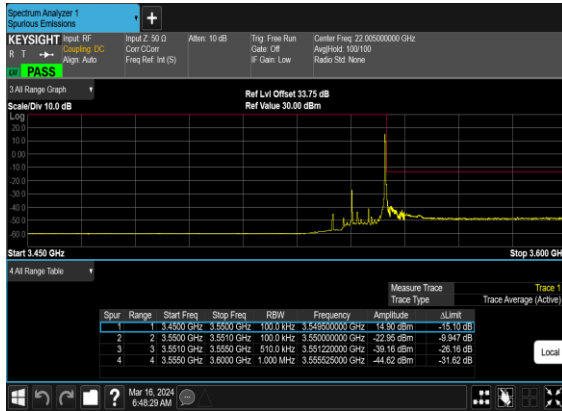
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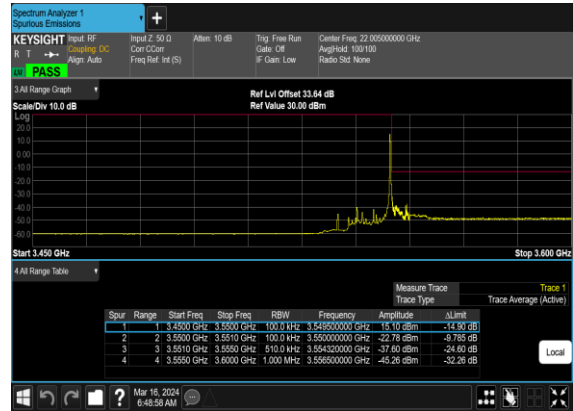
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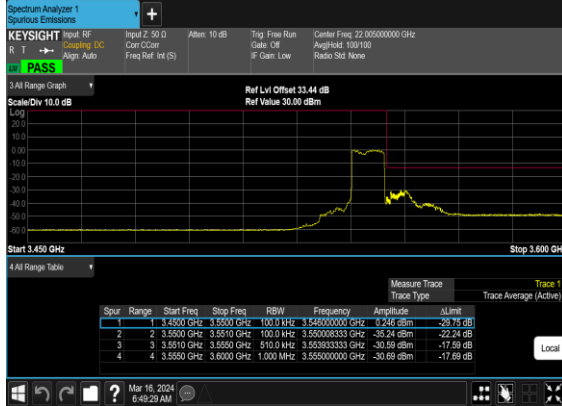
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N77(10M)_CP-OFDM_16QAM_Edge_1RB_Right_High_CH



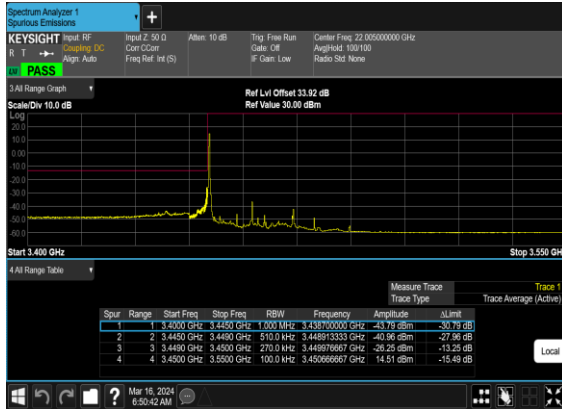
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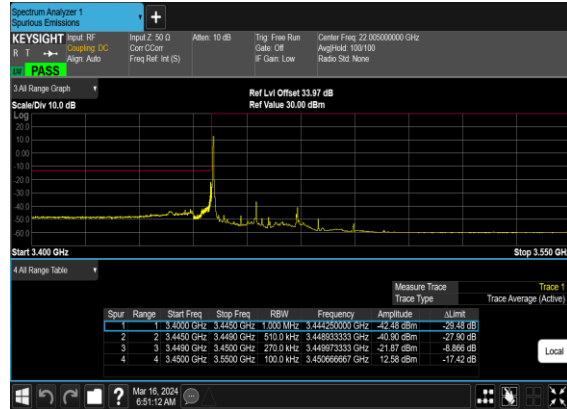
N77(10M)_CP-OFDM_16 QAM_Outer_Full_High_CH



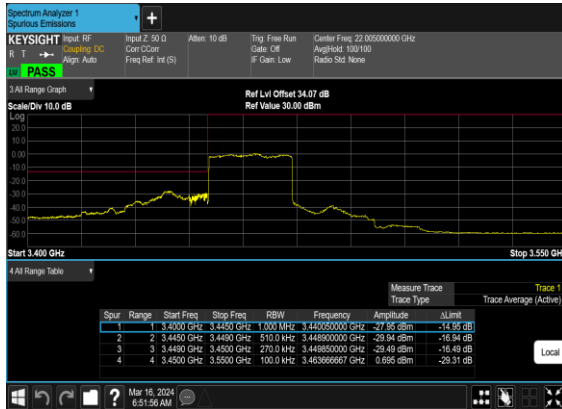
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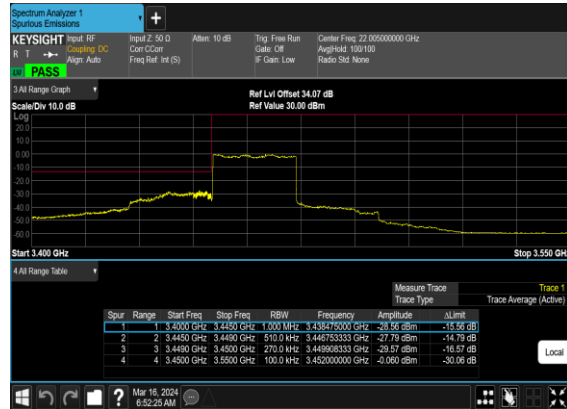
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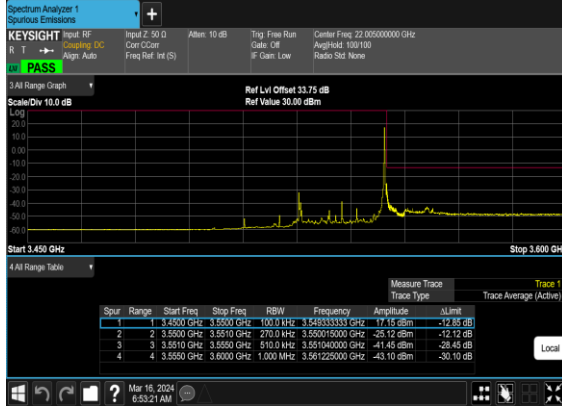
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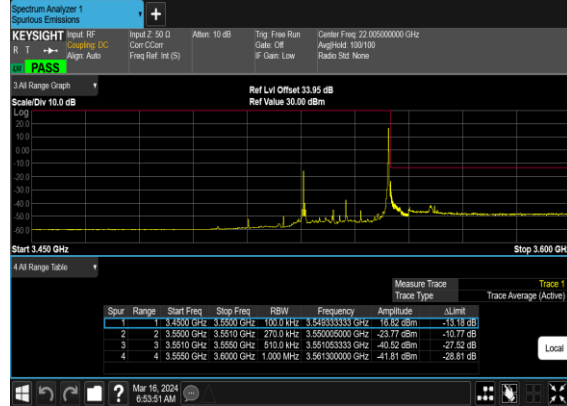
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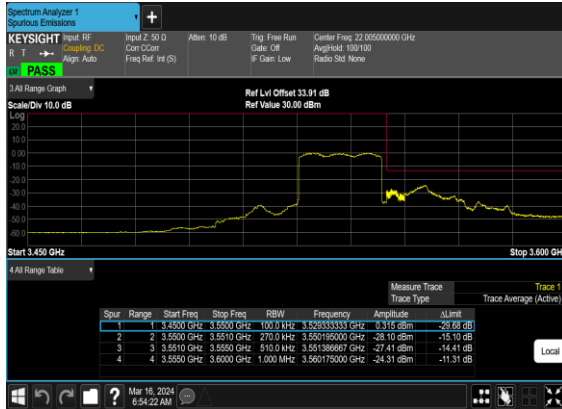
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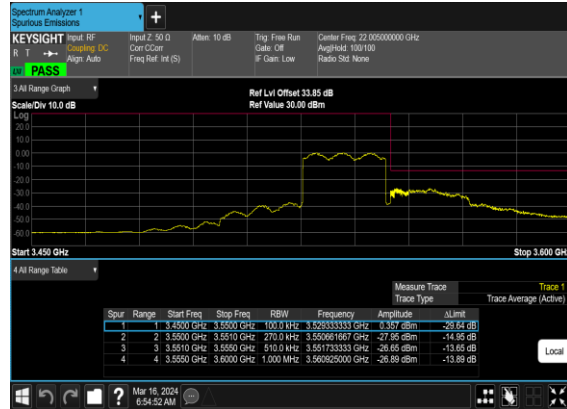
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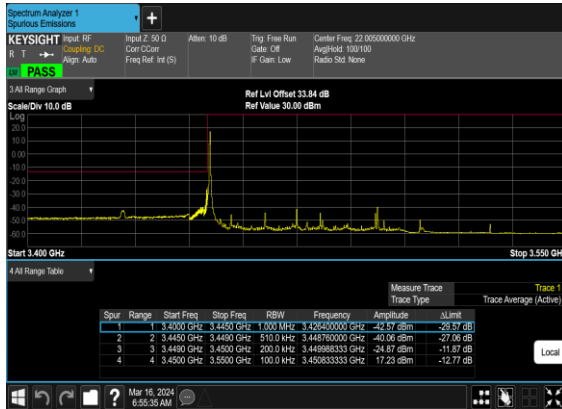
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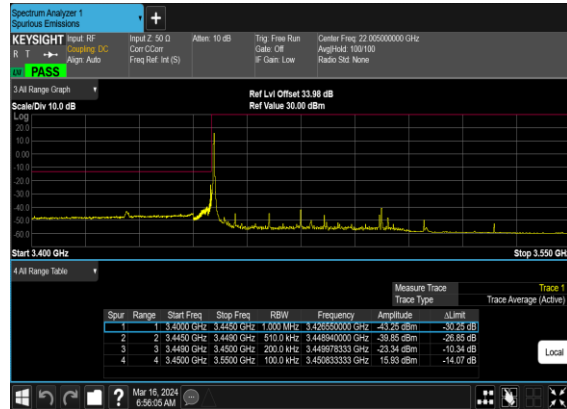
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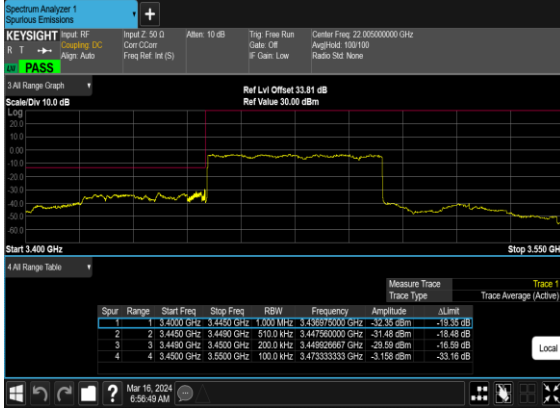
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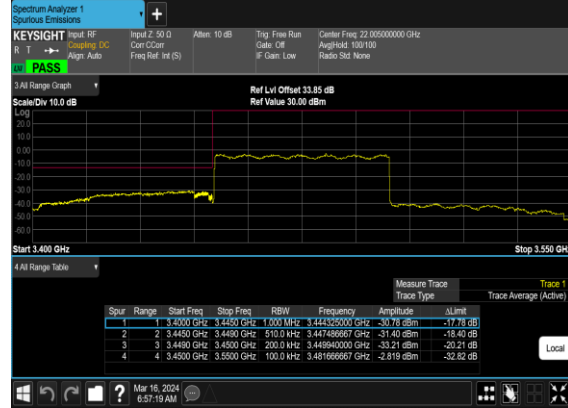
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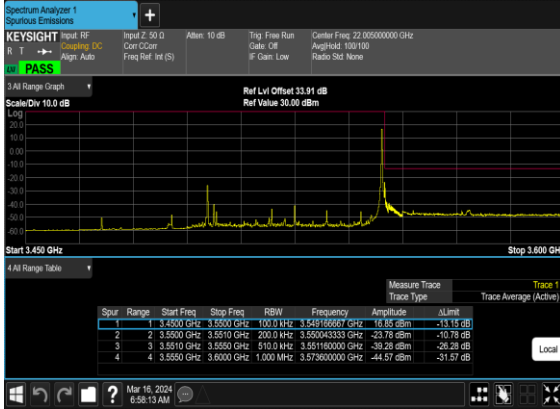
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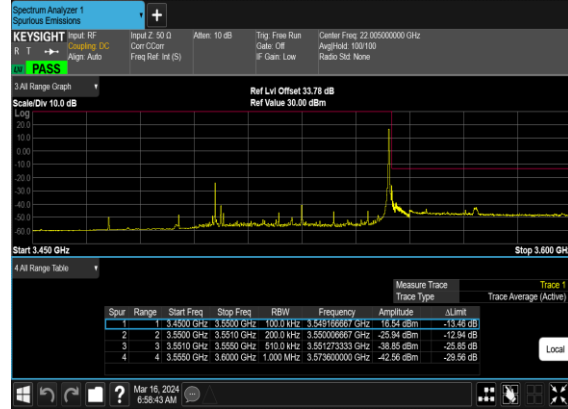
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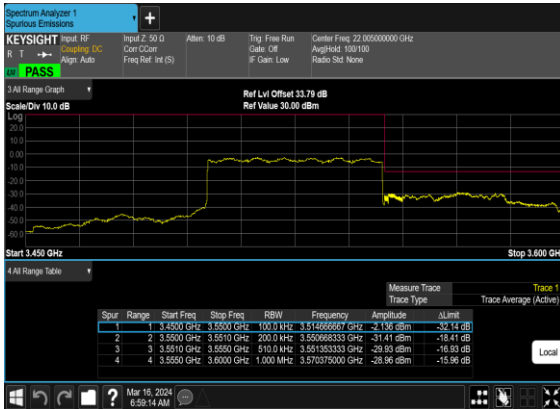
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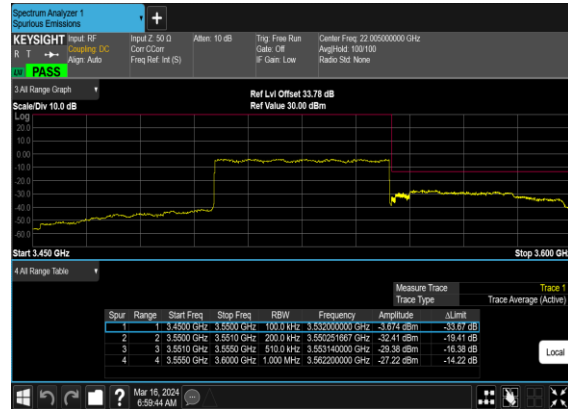
N77(50M)_CP-OFDM_16QAM_Edge_1RB_Right_High_CH



N77(50M)_CP-OFDM_QPSK_Outer_Full_High_CH



N77(50M)_CP-OFDM_16QAM_Outer_Full_High_CH



FR1 N77 SCS 15K MIMO-ANT6

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	15	20	633334	3500.01	CP-OFDM QPSK	106@0	0.00524	PASS	NV
77	15	20	633334	3500.01	CP-OFDM QPSK	106@0	-0.00352	PASS	LV
77	15	20	633334	3500.01	CP-OFDM QPSK	106@0	0.00416	PASS	HV
77	15	20	633334	3500.01	CP-OFDM QPSK	106@0	0.00365	PASS	-30°C
77	15	20	633334	3500.01	CP-OFDM QPSK	106@0	0.00274	PASS	-20°C
77	15	20	633334	3500.01	CP-OFDM QPSK	106@0	0.00364	PASS	-10°C
77	15	20	633334	3500.01	CP-OFDM QPSK	106@0	0.00422	PASS	0°C
77	15	20	633334	3500.01	CP-OFDM QPSK	106@0	0.00234	PASS	10°C
77	15	20	633334	3500.01	CP-OFDM QPSK	106@0	-0.00163	PASS	20°C
77	15	20	633334	3500.01	CP-OFDM QPSK	106@0	0.00394	PASS	30°C
77	15	20	633334	3500.01	CP-OFDM QPSK	106@0	0.00424	PASS	40°C
77	15	20	633334	3500.01	CP-OFDM QPSK	106@0	0.00323	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	15	20	633334	3500.01	CP-OFDM QPSK	106@0	5.62	13	PASS
77	15	20	633334	3500.01	CP-OFDM QPSK	1@0	4.93	13	PASS
77	15	20	633334	3500.01	CP-OFDM 16 QAM	106@0	7.41	13	PASS
77	15	20	633334	3500.01	CP-OFDM 16 QAM	1@0	5.95	13	PASS

N77(20M)_CP-OFDM_PI_2-QPSK_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_PI_2-QPSK_Edge_1RB_Left_Mid_CH



N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



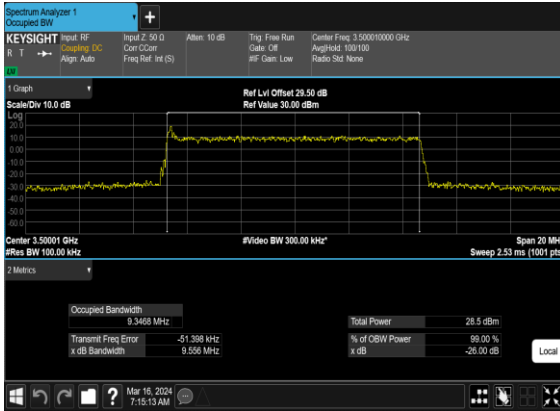
N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



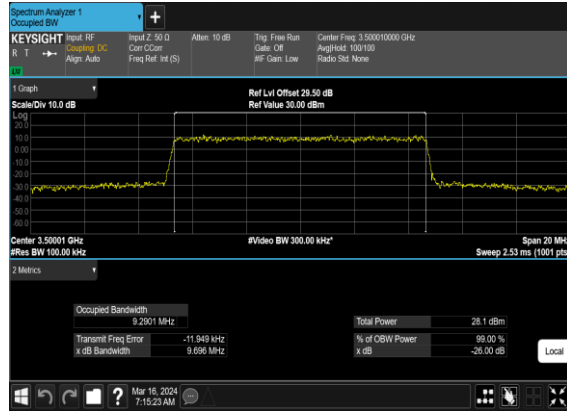
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	15	10	633334	3500.01	CP-OFDM QPSK	52@0	9.3468	9.556
77	15	10	633334	3500.01	CP-OFDM 16 QAM	52@0	9.2901	9.696
77	15	10	633334	3500.01	CP-OFDM 64 QAM	52@0	9.2393	9.694
77	15	10	633334	3500.01	CP-OFDM 256 QAM	52@0	9.2971	9.693
77	15	15	633334	3500.01	CP-OFDM QPSK	79@0	14.102	14.61
77	15	15	633334	3500.01	CP-OFDM 16 QAM	79@0	14.228	14.62
77	15	15	633334	3500.01	CP-OFDM 64 QAM	79@0	14.143	14.8
77	15	15	633334	3500.01	CP-OFDM 256 QAM	79@0	14.099	14.68
77	15	20	633334	3500.01	CP-OFDM QPSK	106@0	19.095	19.49
77	15	20	633334	3500.01	CP-OFDM 16 QAM	106@0	18.916	19.71
77	15	20	633334	3500.01	CP-OFDM 64 QAM	106@0	18.896	19.63
77	15	20	633334	3500.01	CP-OFDM 256 QAM	106@0	18.901	19.63
77	15	25	633334	3500.01	CP-OFDM QPSK	133@0	23.712	24.66
77	15	25	633334	3500.01	CP-OFDM 16 QAM	133@0	23.8	24.62
77	15	25	633334	3500.01	CP-OFDM 64 QAM	133@0	24.012	24.58
77	15	25	633334	3500.01	CP-OFDM 256 QAM	133@0	23.64	24.63
77	15	30	633334	3500.01	CP-OFDM QPSK	160@0	28.726	29.32
77	15	30	633334	3500.01	CP-OFDM 16 QAM	160@0	28.508	29.55
77	15	30	633334	3500.01	CP-OFDM 64 QAM	160@0	28.526	29.56
77	15	30	633334	3500.01	CP-OFDM 256 QAM	160@0	28.465	29.37
77	15	40	633334	3500.01	CP-OFDM QPSK	216@0	38.502	39.87
77	15	40	633334	3500.01	CP-OFDM 16 QAM	216@0	38.591	39.92
77	15	40	633334	3500.01	CP-OFDM 64 QAM	216@0	38.434	39.83
77	15	40	633334	3500.01	CP-OFDM 256 QAM	216@0	38.825	39.68
77	15	50	633334	3500.01	CP-OFDM QPSK	270@0	48.595	49.57
77	15	50	633334	3500.01	CP-OFDM 16 QAM	270@0	48.751	49.71
77	15	50	633334	3500.01	CP-OFDM 64 QAM	270@0	48.122	49.8
77	15	50	633334	3500.01	CP-OFDM 256 QAM	270@0	48.861	50.04

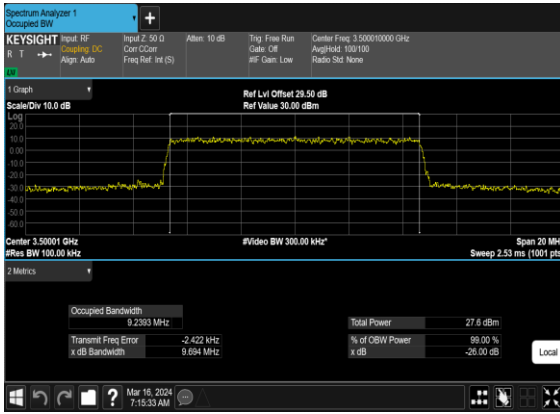
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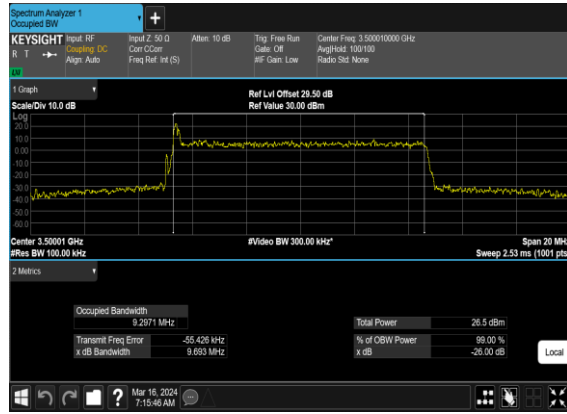
N77(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



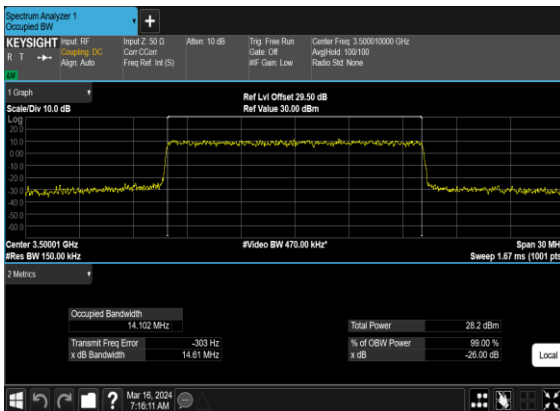
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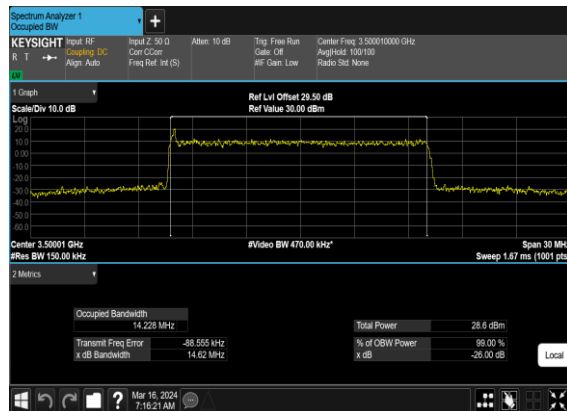
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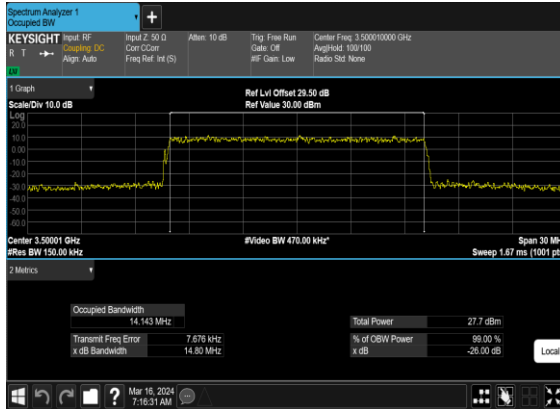
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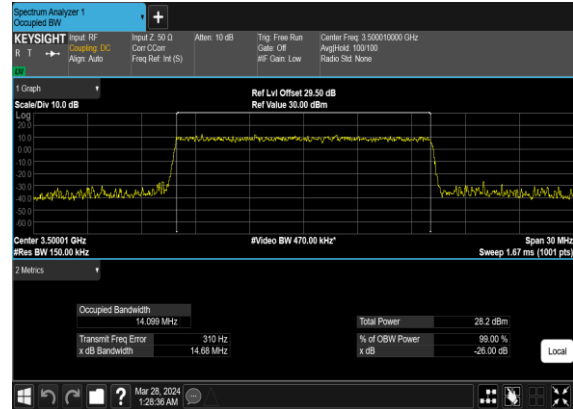
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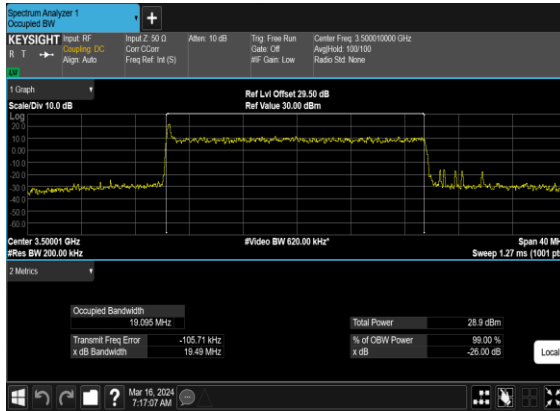
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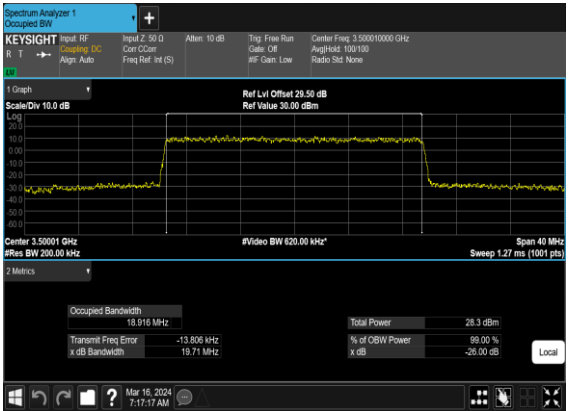
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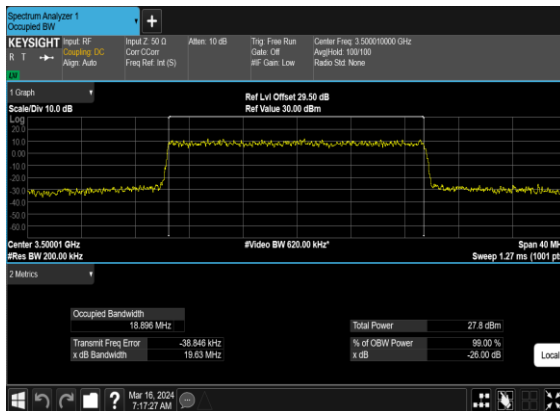
N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

