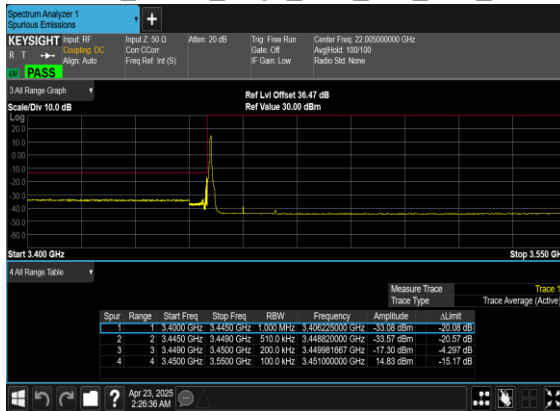
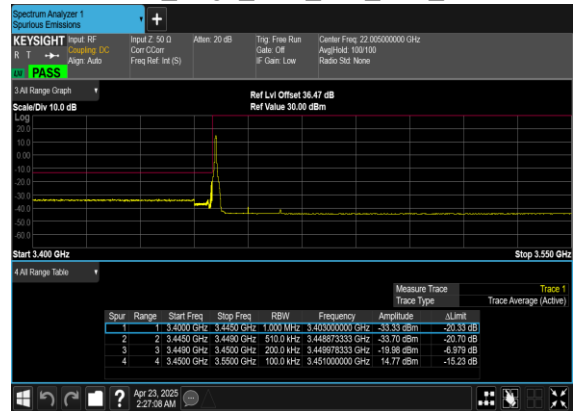




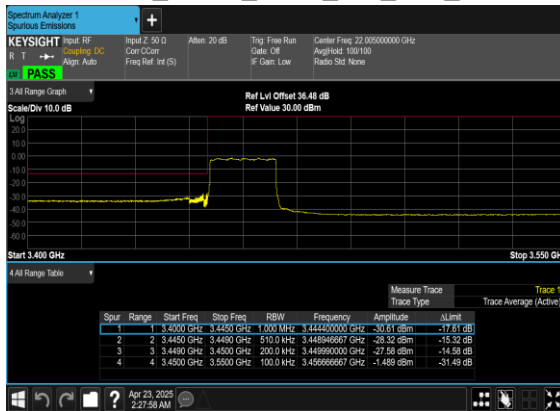
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



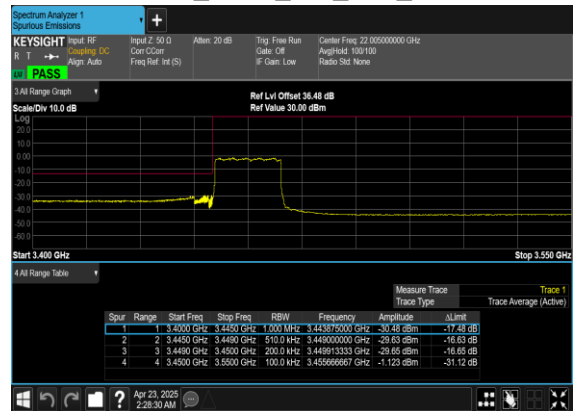
N77(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



N77(20M)_CP-
OFDM_QPSK_Outer_Full_Low_CH

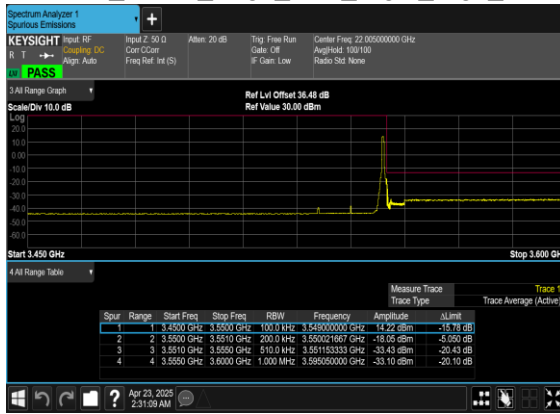


N77(20M)_CP-OFDM_16
QAM_Outer_Full_Low_CH

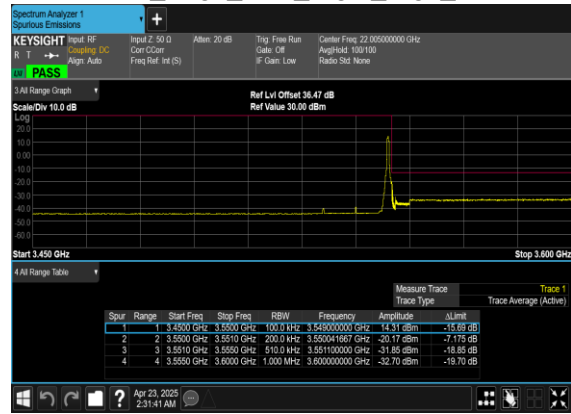




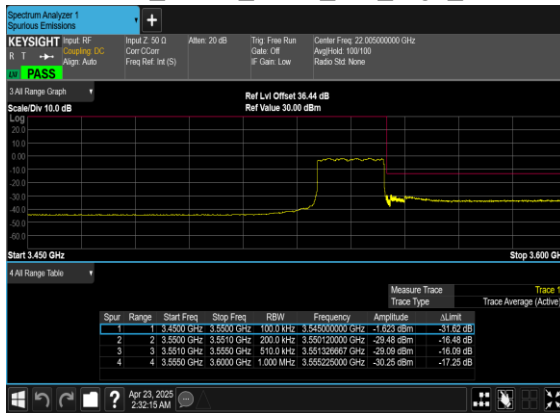
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



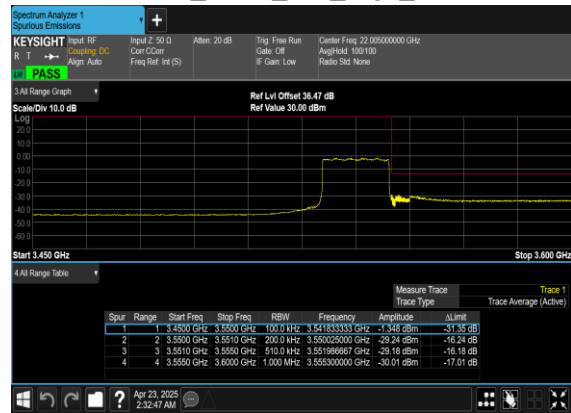
N77(20M)_CP-OFDM_16
QAM_Edge_1RB_Right_High_CH



N77(20M)_CP-
OFDM_QPSK_Outer_Full_High_CH

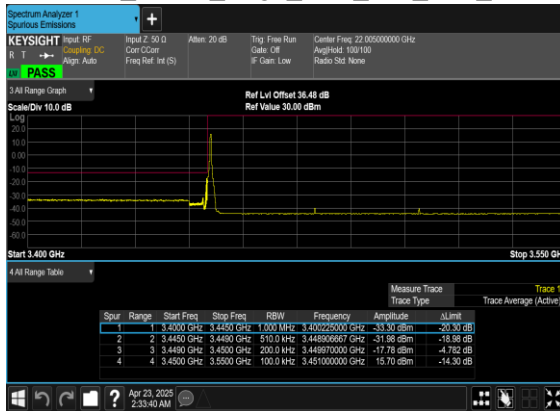


N77(20M)_CP-OFDM_16
QAM_Outer_Full_High_CH

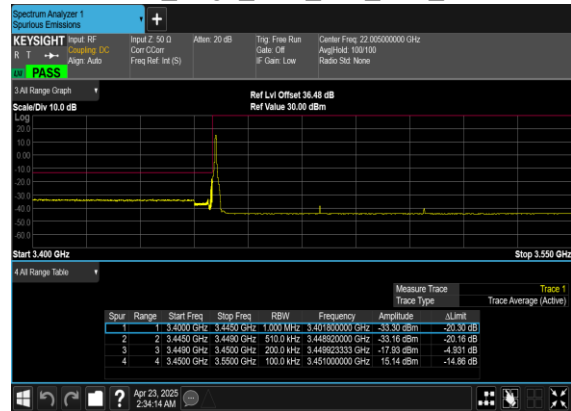




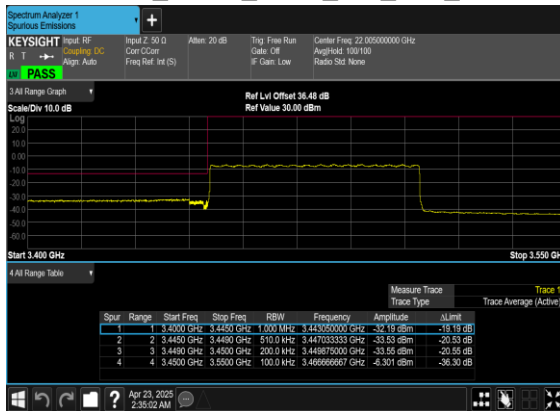
N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



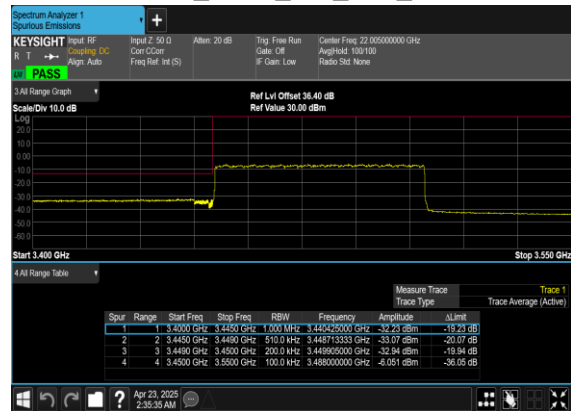
N77(60M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



N77(60M)_CP-
OFDM_QPSK_Outer_Full_Low_CH

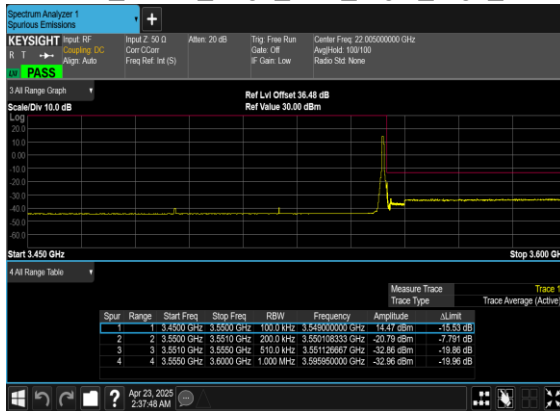


N77(60M)_CP-OFDM_16
QAM_Outer_Full_Low_CH

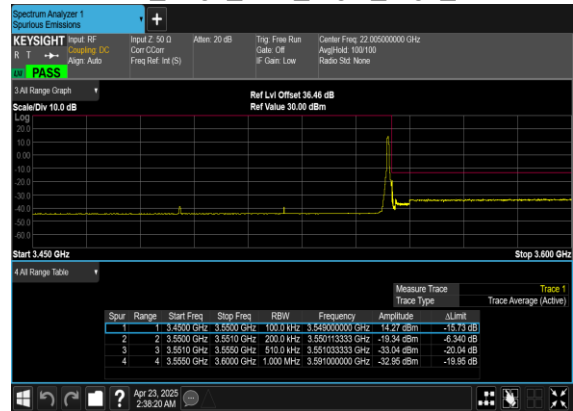




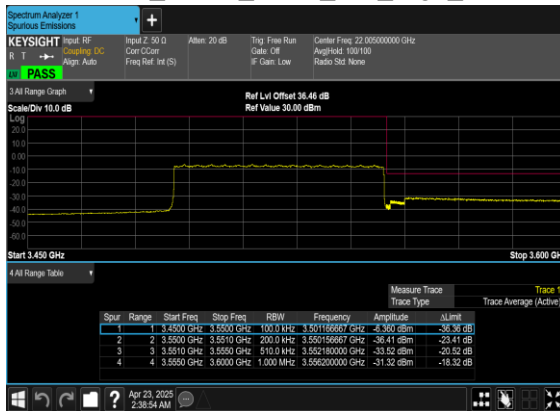
N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



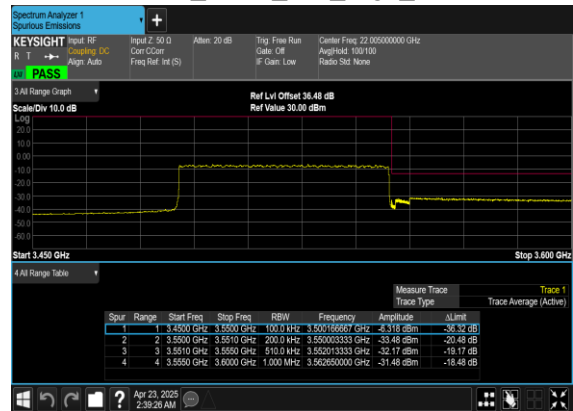
N77(60M)_CP-OFDM_16
QAM_Edge_1RB_Right_High_CH



N77(60M)_CP-
OFDM_QPSK_Outer_Full_High_CH

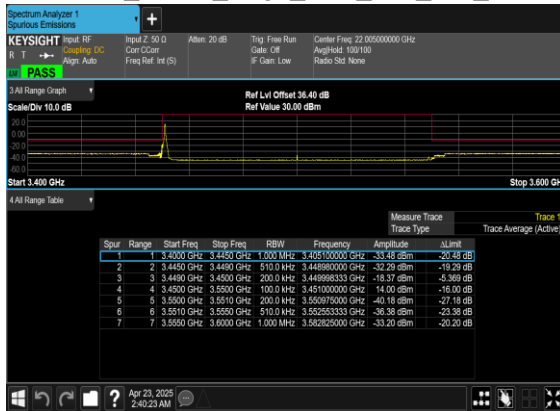


N77(60M)_CP-OFDM_16
QAM_Outer_Full_High_CH

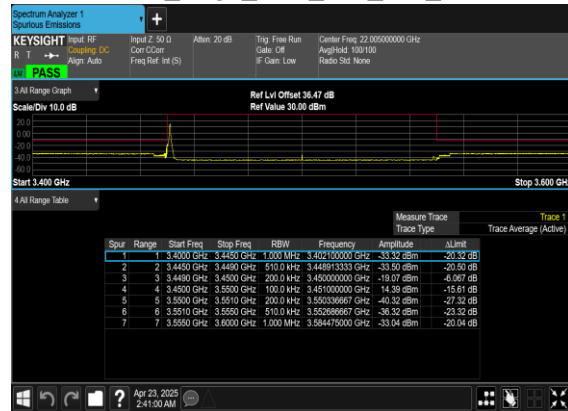




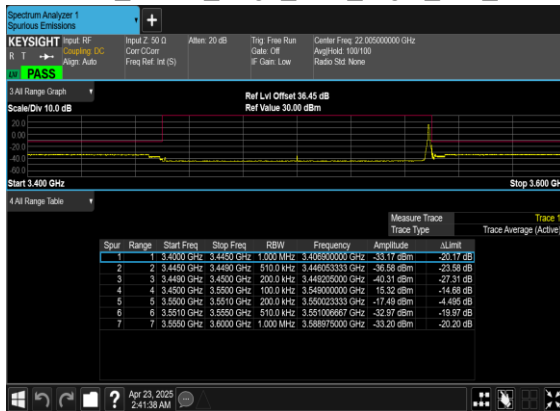
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



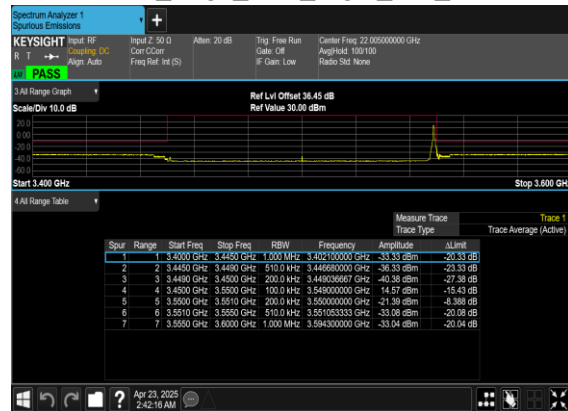
N77(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Right_Mid_CH

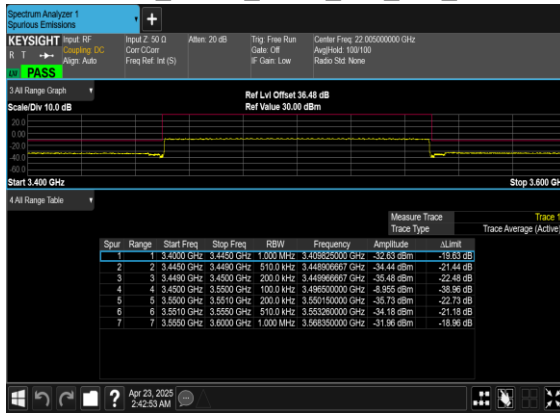


N77(100M)_CP-OFDM_16
QAM_Edge_1RB_Right_Mid_CH

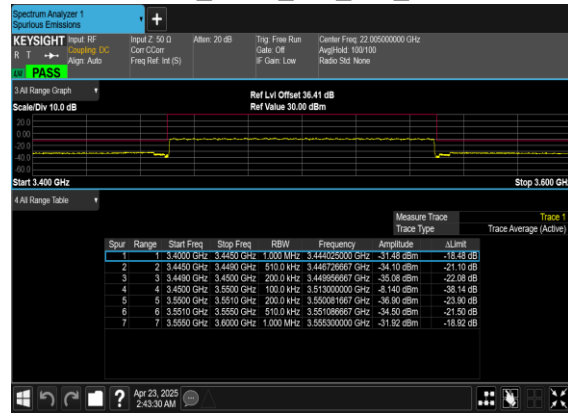




N77(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH





Software Version: 23.06.1602

FR1 N77 MIMO-Ant7

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0048	PASS	NV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0063	PASS	LV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0052	PASS	HV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0041	PASS	-30℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0039	PASS	-20℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0041	PASS	-10℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0066	PASS	0℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0053	PASS	10℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0044	PASS	20℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0069	PASS	30℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0052	PASS	40℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	0.0033	PASS	50℃

**Peak to Average Ratio**

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	7.34	13	PASS
77	30	20	633334	3500.01	CP-OFDM QPSK	1@0	8.34	13	PASS
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	7.45	13	PASS
77	30	20	633334	3500.01	CP-OFDM 16 QAM	1@0	7.89	13	PASS

N77(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N77(20M)_CP-
OFDM_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

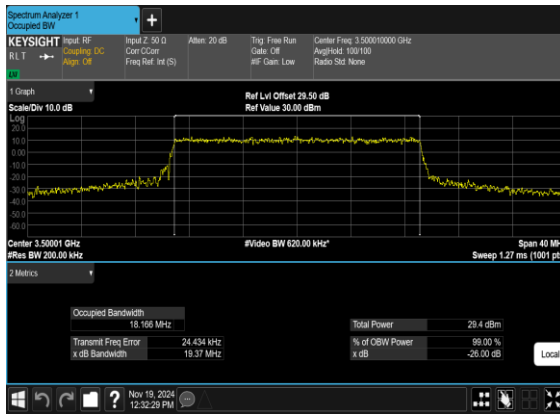


**Occupied Bandwidth**

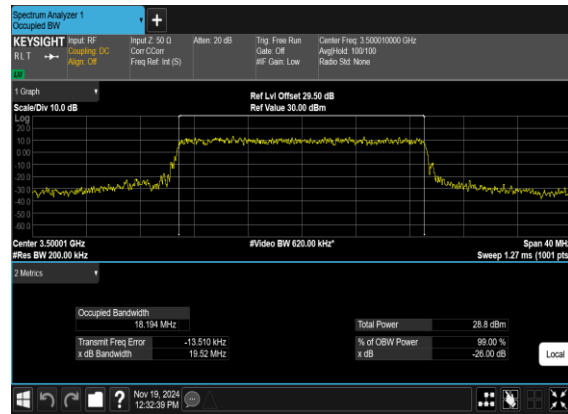
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.166	19.37
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.194	19.52
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.196	19.12
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.211	19.22
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.755	29.18
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.806	29.19
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.795	29.09
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.872	29.13
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.847	39.77
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.756	39.34
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.804	39.1
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.832	39.31
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.843	59.76
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.653	59.73
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.72	59.82
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.792	59.84
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.492	79.9
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.514	80.03
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.516	79.89
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.52	79.91
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.119	100.5
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.4	100.5
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.513	100.5
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.434	100.5



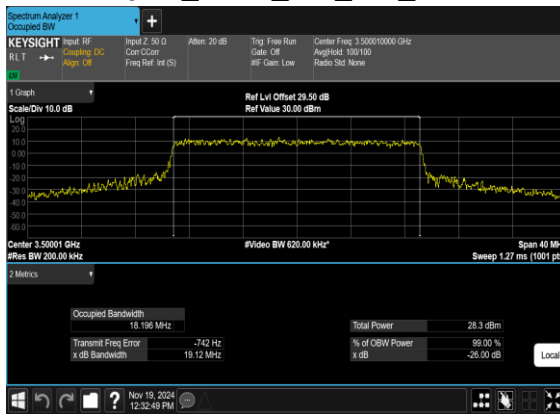
N77(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



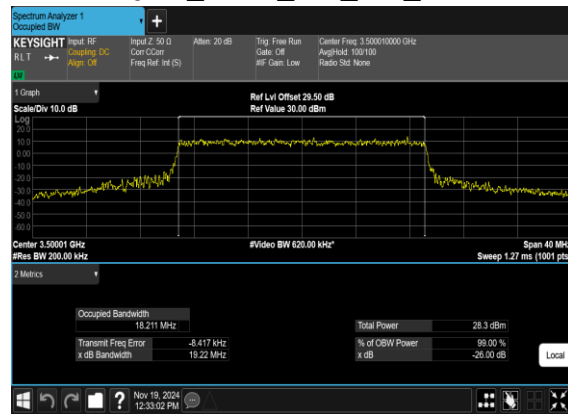
N77(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

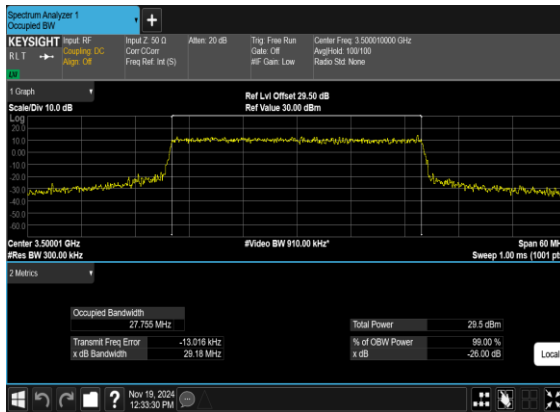


N77(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

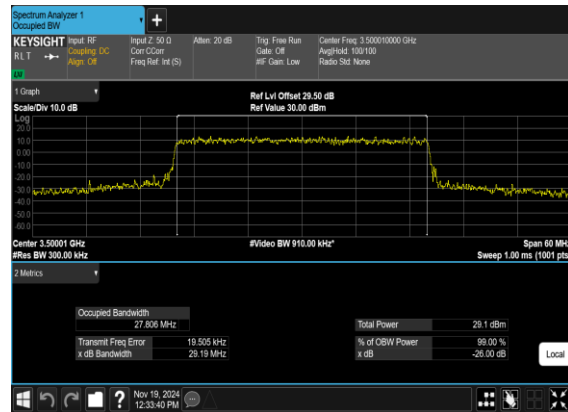




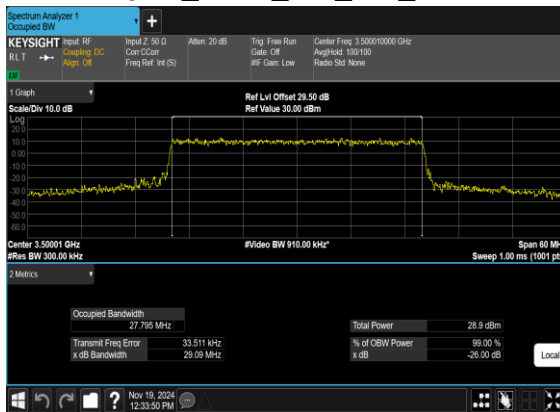
N77(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



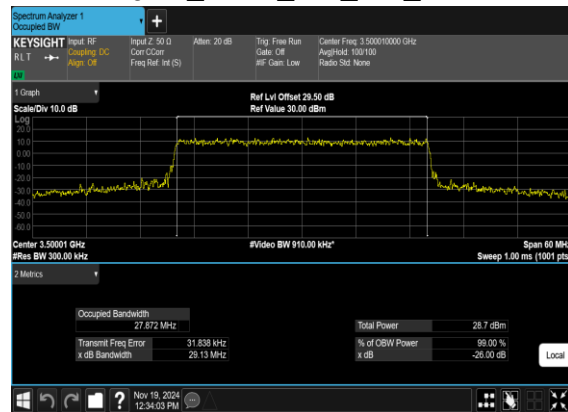
N77(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

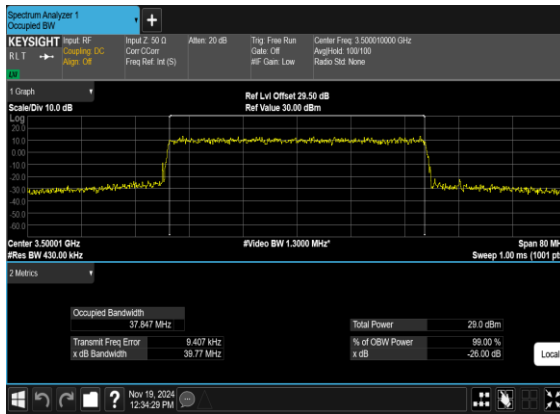


N77(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

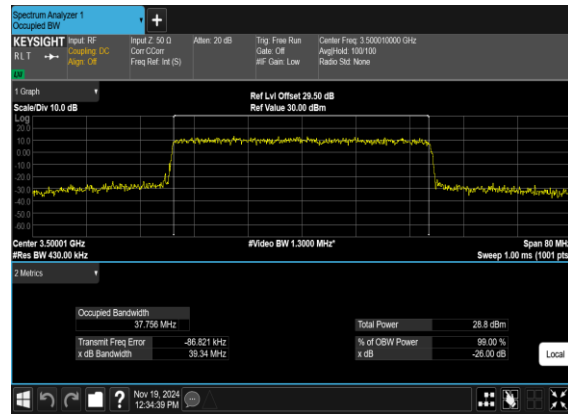




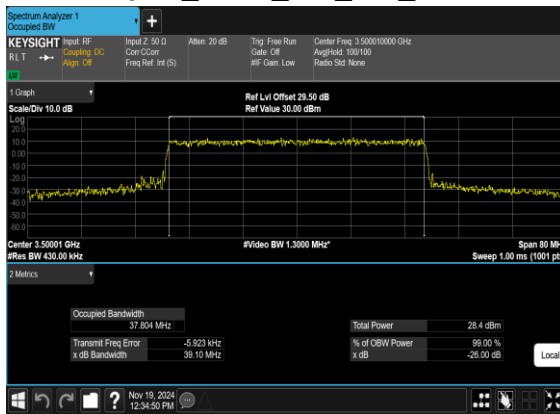
N77(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



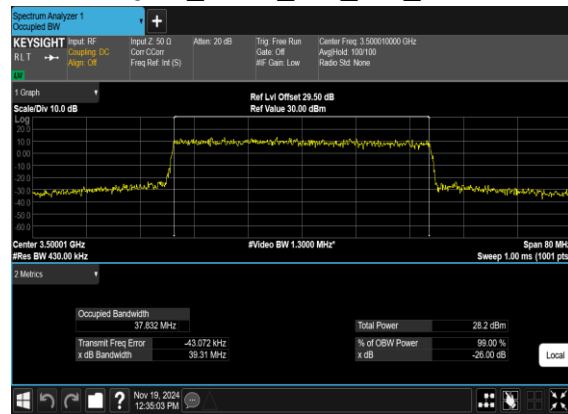
N77(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

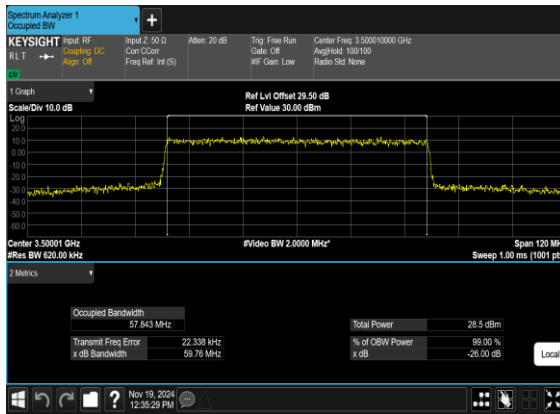


N77(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

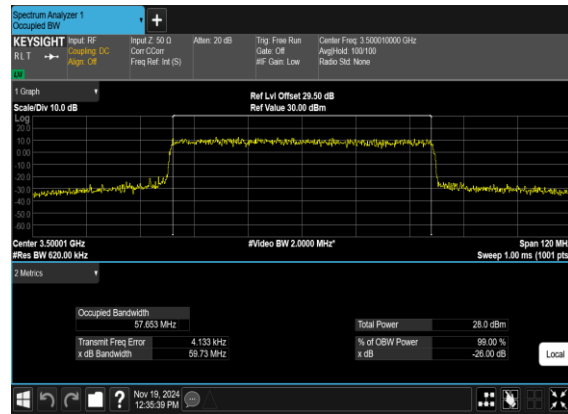




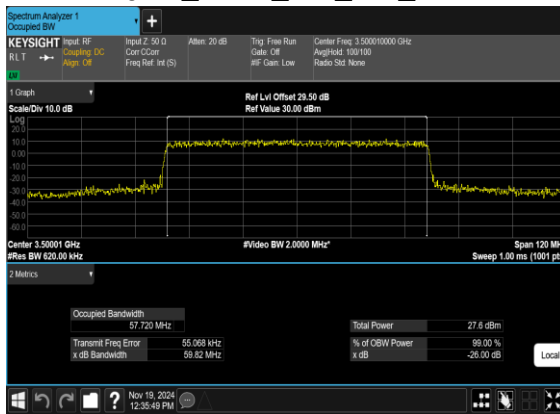
N77(60M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



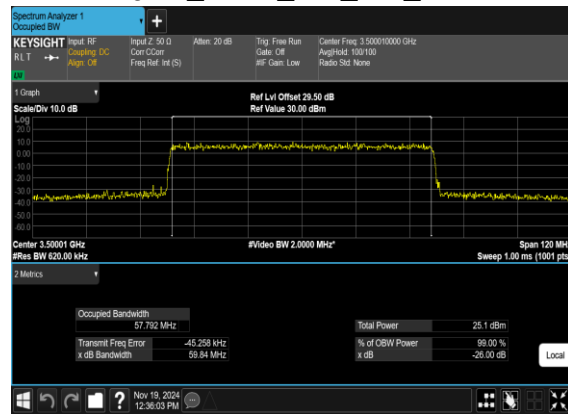
N77(60M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

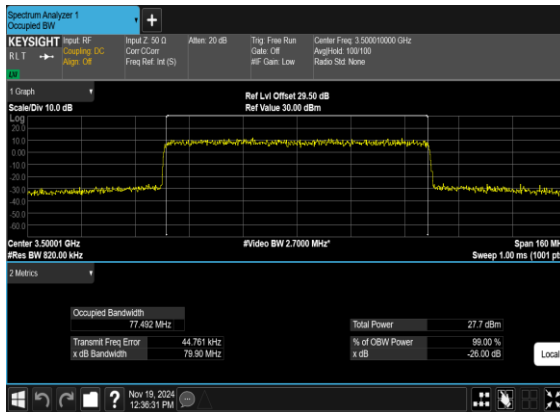


N77(60M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

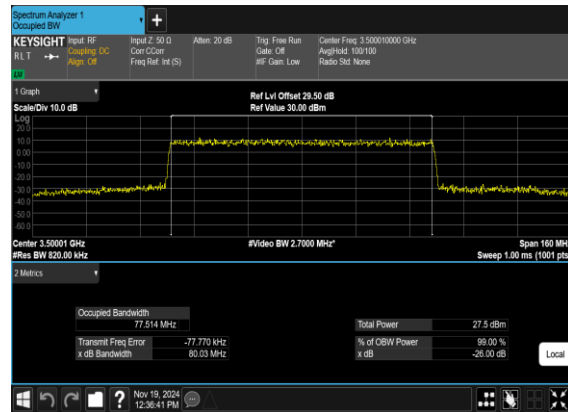




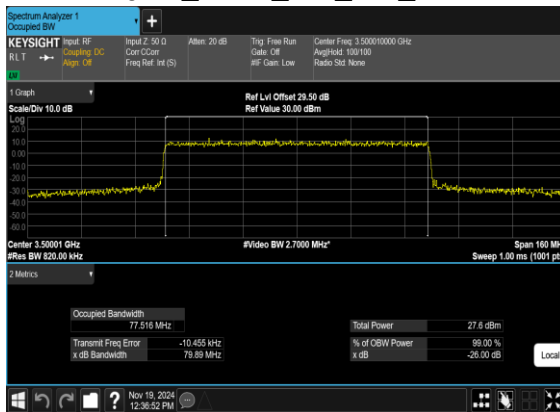
N77(80M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



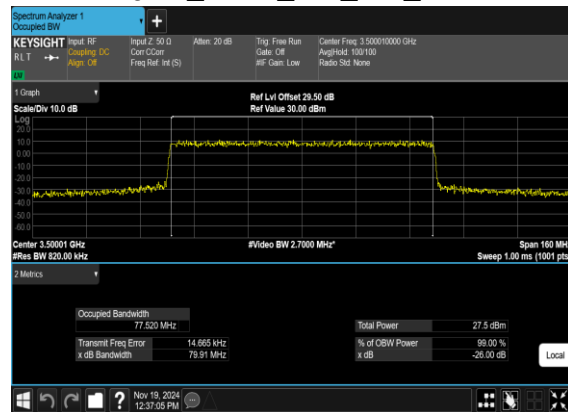
N77(80M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

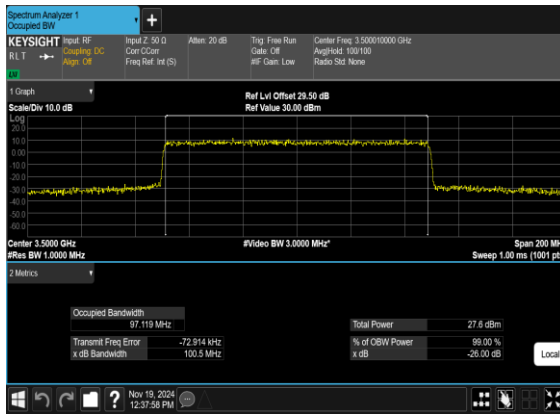


N77(80M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

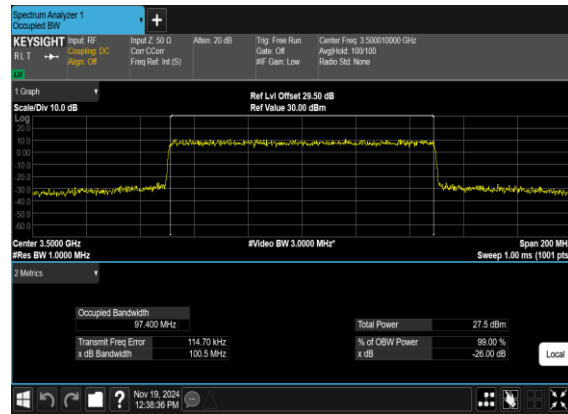




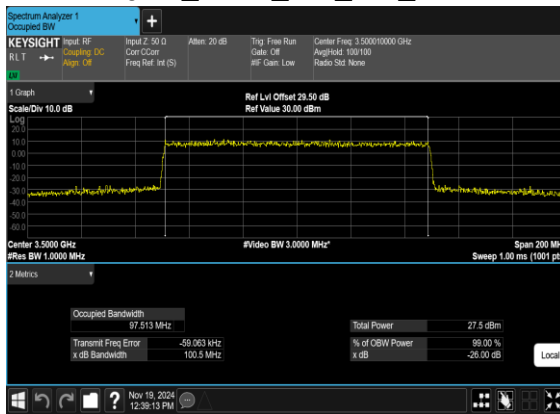
N77(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



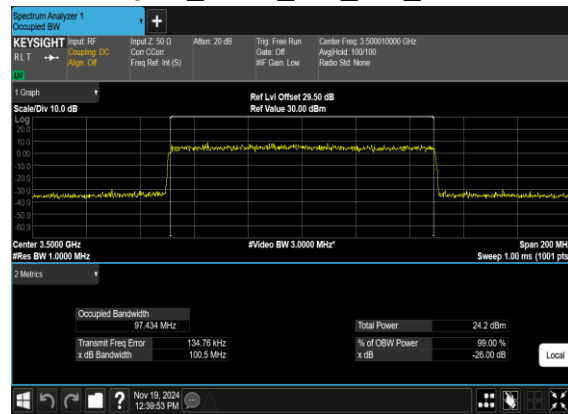
N77(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

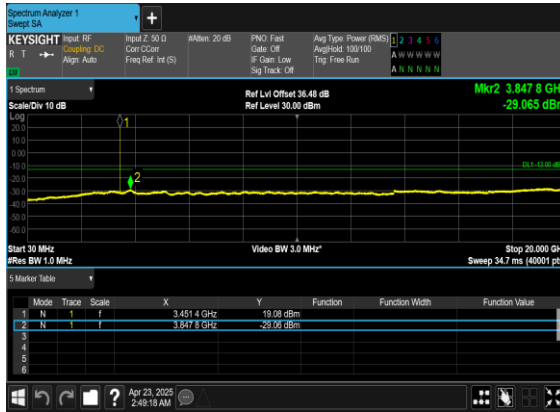
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	630668	3460.02	CP-OFDM QPSK	1@0	see graph	---
77	30	20	630668	3460.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	630668	3460.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	630668	3460.02	CP-OFDM 16 QAM	1@0	see graph	---
77	30	20	630668	3460.02	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	20	630668	3460.02	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	20	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	30	20	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	---
77	30	20	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	20	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	20	636000	3540.0	CP-OFDM QPSK	1@0	see graph	---
77	30	20	636000	3540.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	636000	3540.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	636000	3540.0	CP-OFDM 16 QAM	1@0	see graph	---
77	30	20	636000	3540.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	20	636000	3540.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	632000	3480.0	CP-OFDM QPSK	1@0	see graph	---
77	30	60	632000	3480.0	CP-OFDM QPSK	1@0	see graph	PASS



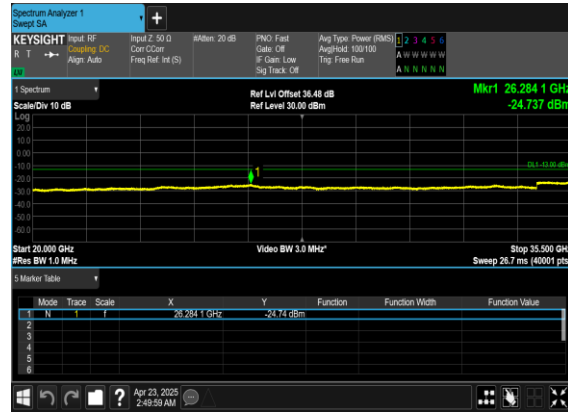
77	30	60	632000	3480.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	CP-OFDM 16 QAM	1@0	see graph	---
77	30	60	632000	3480.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	632000	3480.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	30	60	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	---
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	634666	3519.99	CP-OFDM QPSK	1@0	see graph	---
77	30	60	634666	3519.99	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	634666	3519.99	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@0	see graph	---
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	---
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS



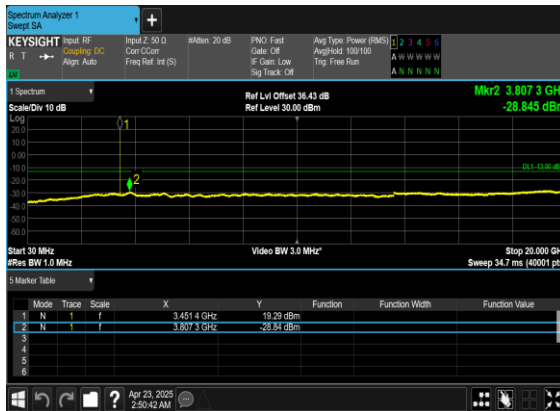
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



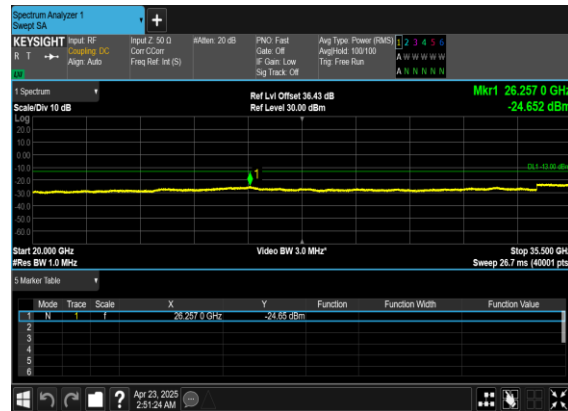
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH

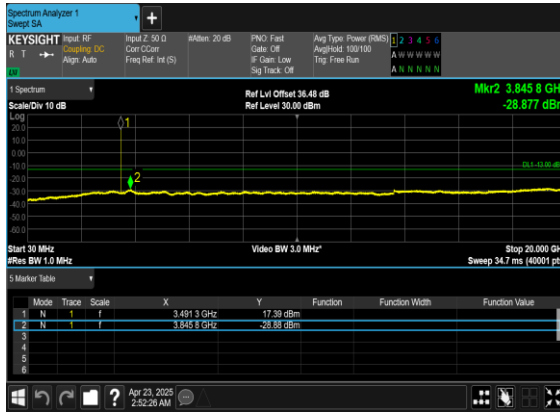


N77(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH

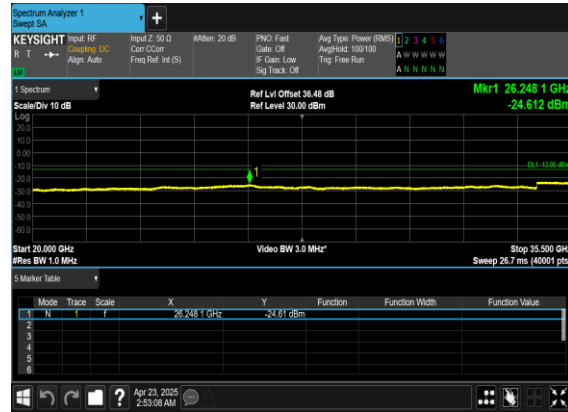




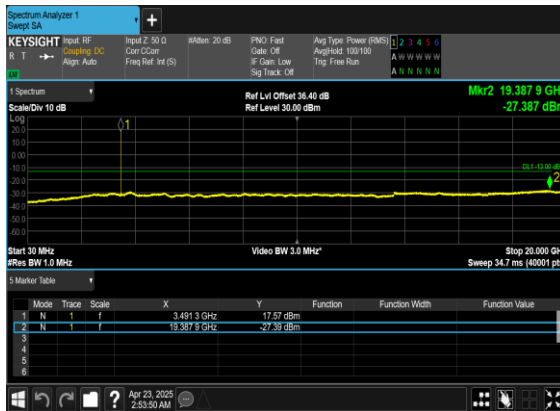
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



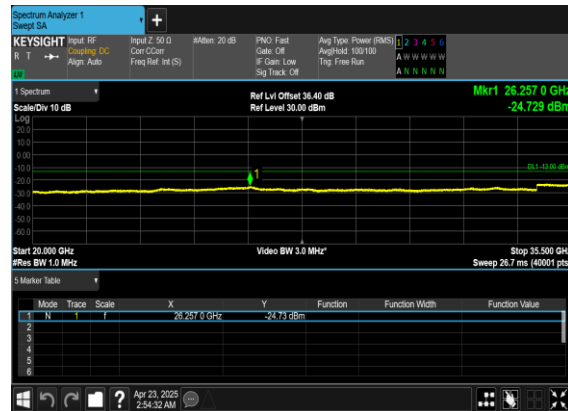
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH

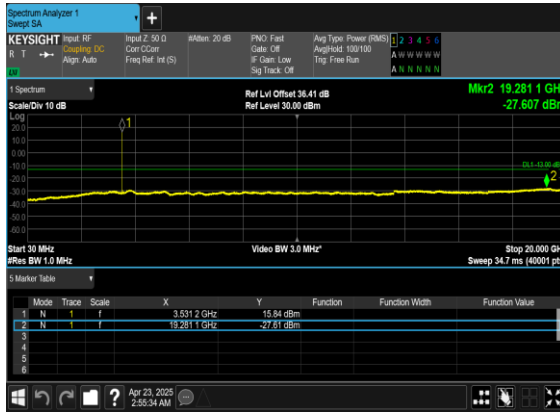


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QAM_Edge_1RB_Left_Mid_CH

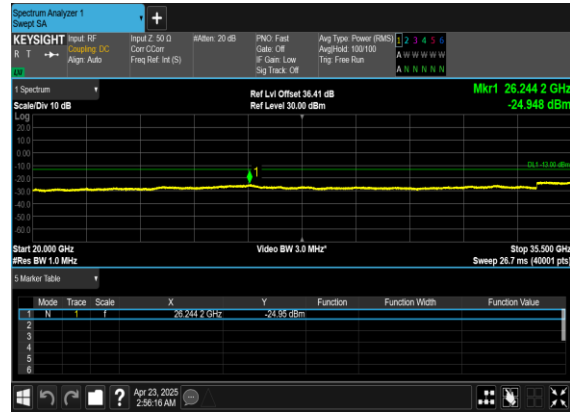




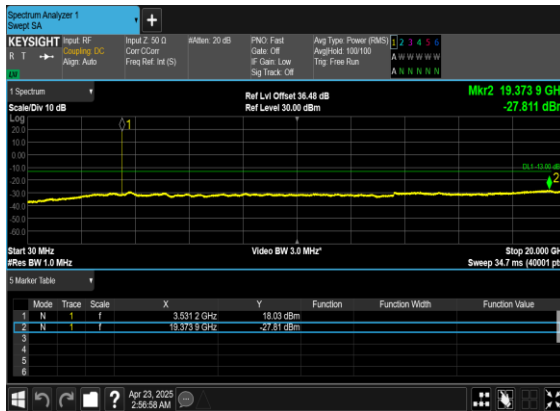
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OFDM_QPSK_Edge_1RB_Left_High_CH



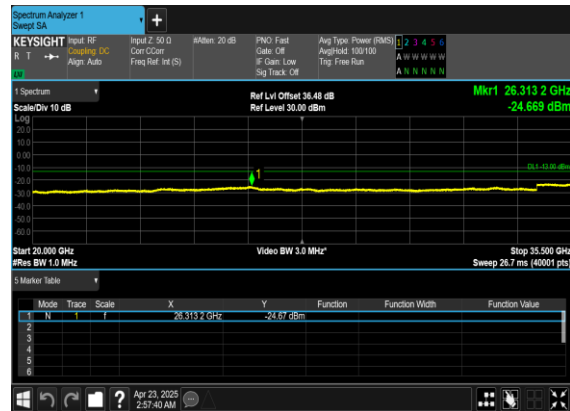
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OFDM_QPSK_Edge_1RB_Left_High_CH



N77(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH

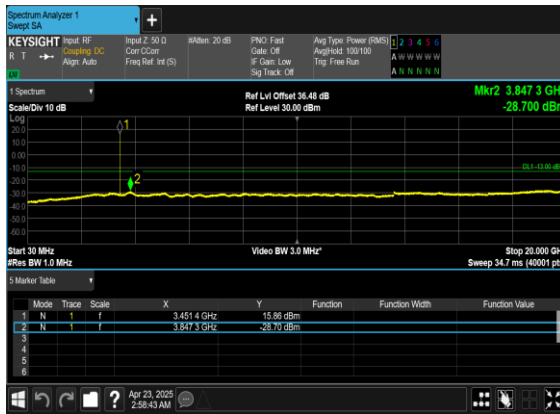


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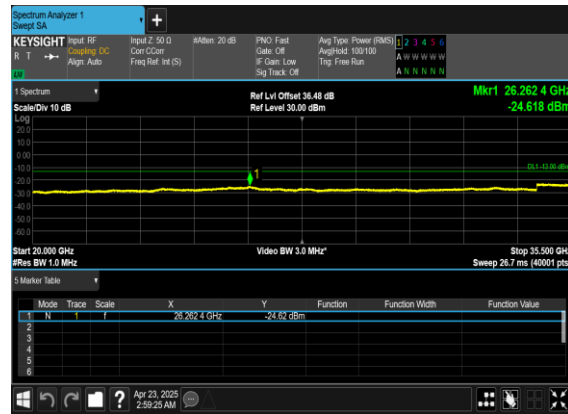




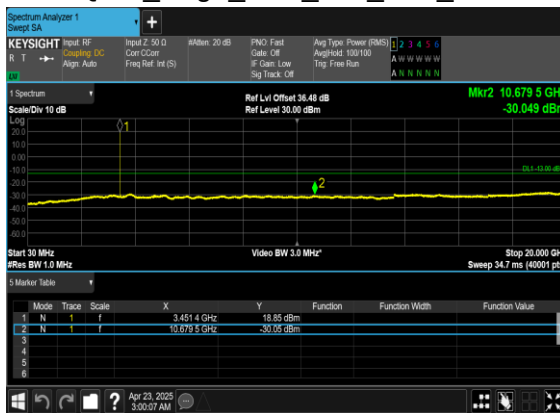
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OFDM_QPSK_Edge_1RB_Left_Low_CH



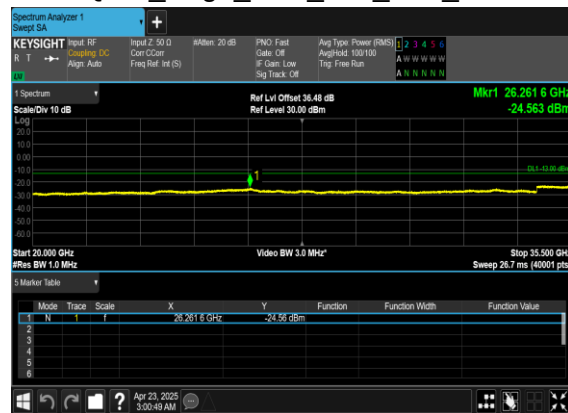
N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(60M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH

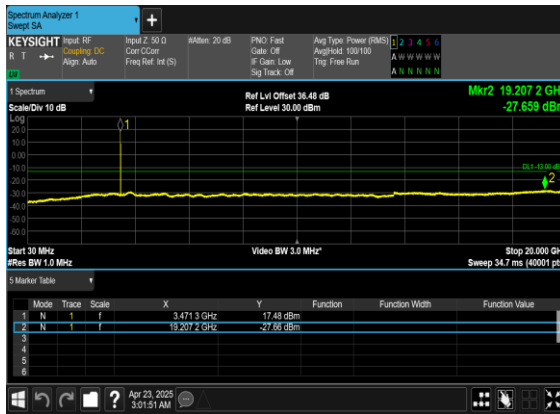


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QAM_Edge_1RB_Left_Low_CH

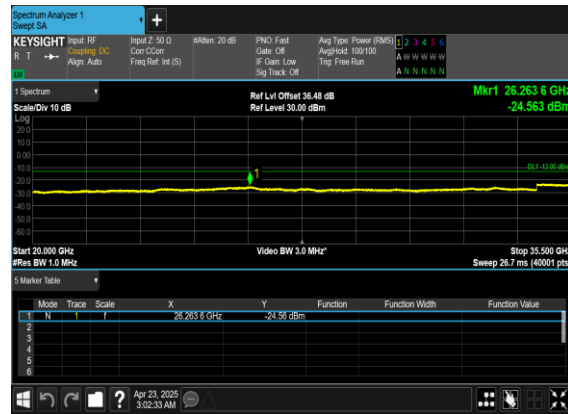




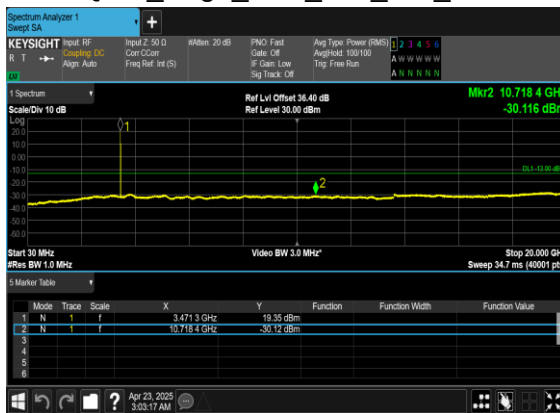
N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



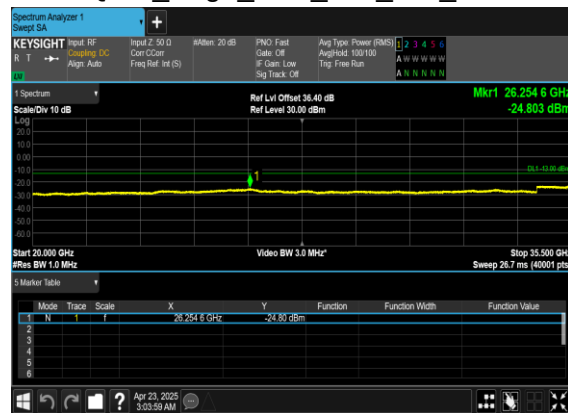
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(60M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH

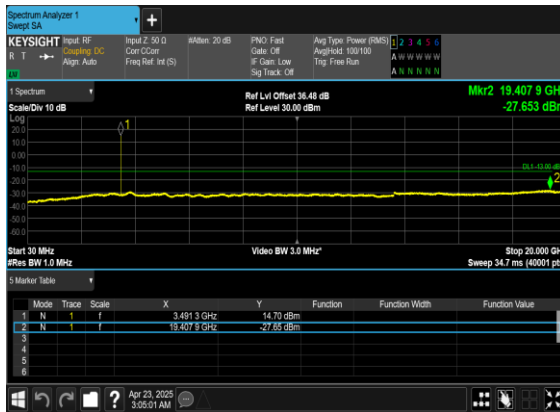


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QAM_Edge_1RB_Left_Mid_CH

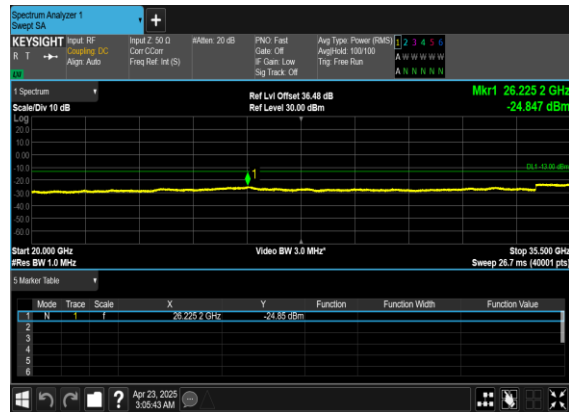




N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N77(60M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH

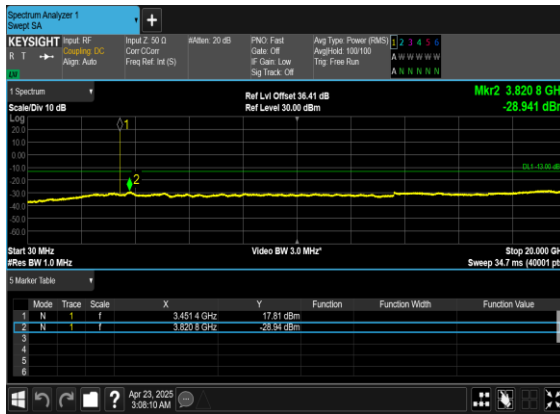


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QAM_Edge_1RB_Left_High_CH

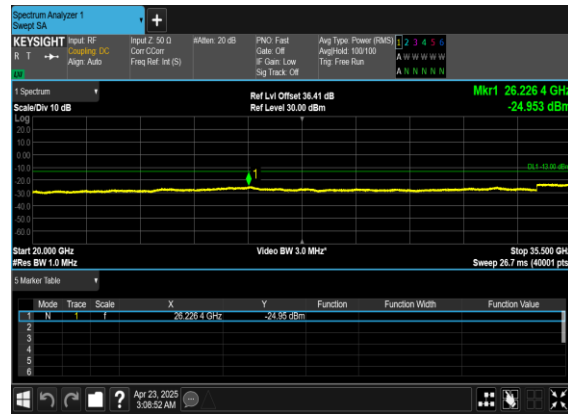




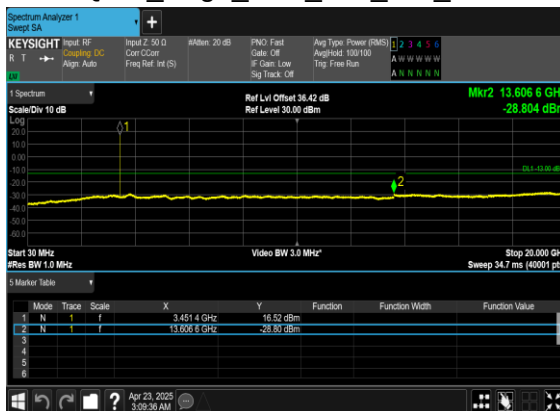
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



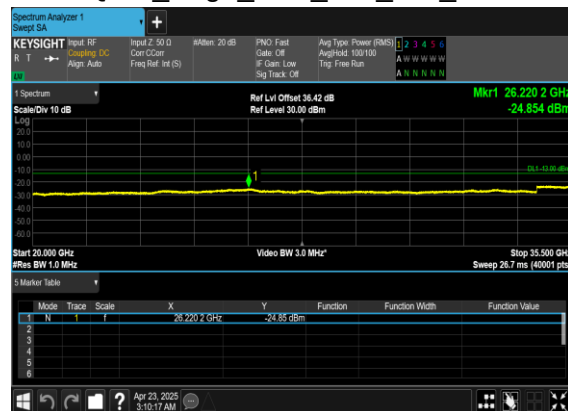
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



N77(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH

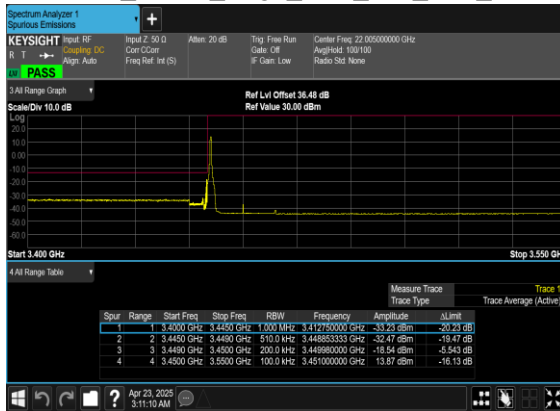


**Conducted Band Edge**

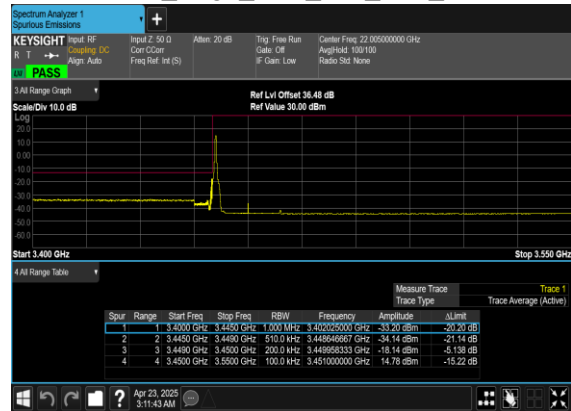
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	630668	3460.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	630668	3460.02	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	20	630668	3460.02	CP-OFDM QPSK	51@0	see graph	PASS
77	30	20	630668	3460.02	CP-OFDM 16 QAM	51@0	see graph	PASS
77	30	20	636000	3540.0	CP-OFDM QPSK	1@50	see graph	PASS
77	30	20	636000	3540.0	CP-OFDM 16 QAM	1@50	see graph	PASS
77	30	20	636000	3540.0	CP-OFDM QPSK	51@0	see graph	PASS
77	30	20	636000	3540.0	CP-OFDM 16 QAM	51@0	see graph	PASS
77	30	60	632000	3480.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	632000	3480.0	CP-OFDM QPSK	162@0	see graph	PASS
77	30	60	632000	3480.0	CP-OFDM 16 QAM	162@0	see graph	PASS
77	30	60	634666	3519.99	CP-OFDM QPSK	1@161	see graph	PASS
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@161	see graph	PASS
77	30	60	634666	3519.99	CP-OFDM QPSK	162@0	see graph	PASS
77	30	60	634666	3519.99	CP-OFDM 16 QAM	162@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@272	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	see graph	PASS



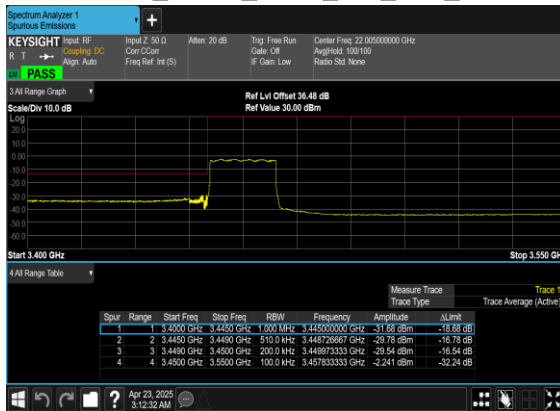
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



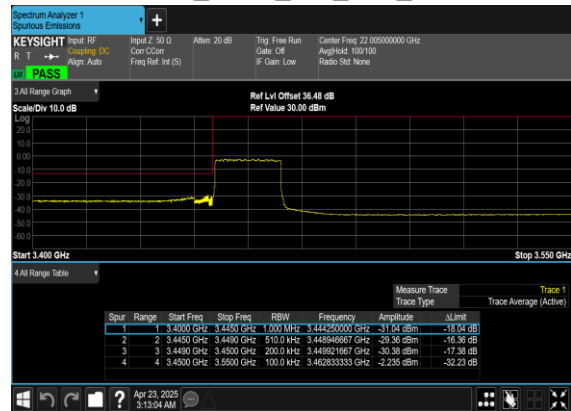
N77(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



N77(20M)_CP-
OFDM_QPSK_Outer_Full_Low_CH

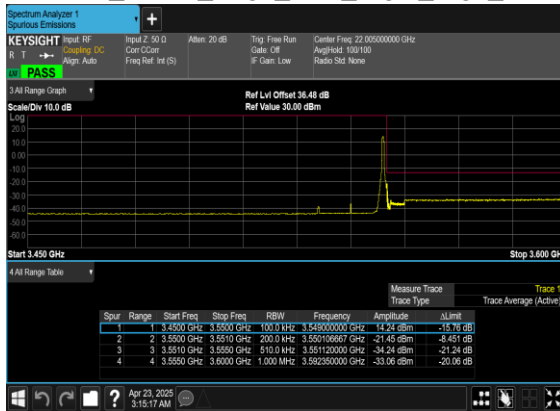


N77(20M)_CP-OFDM_16
QAM_Outer_Full_Low_CH

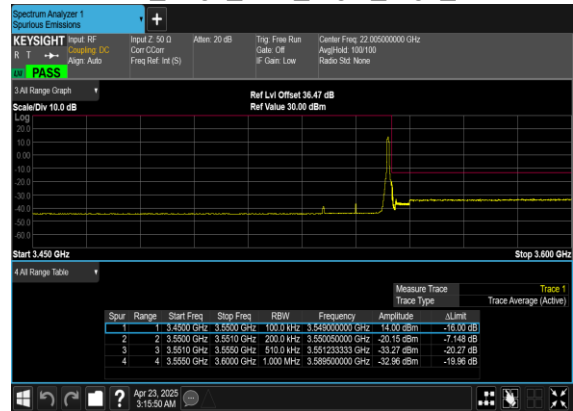




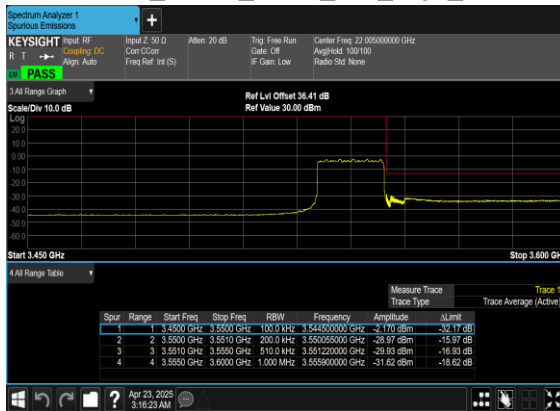
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



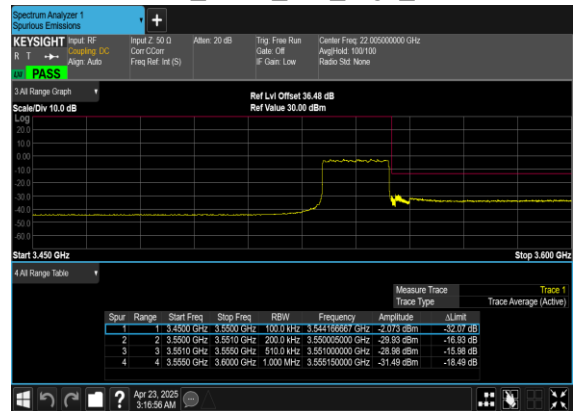
N77(20M)_CP-OFDM_16
QAM_Edge_1RB_Right_High_CH



N77(20M)_CP-
OFDM_QPSK_Outer_Full_High_CH

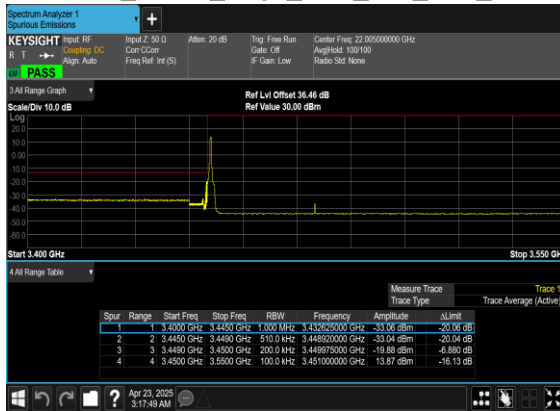


N77(20M)_CP-OFDM_16
QAM_Outer_Full_High_CH

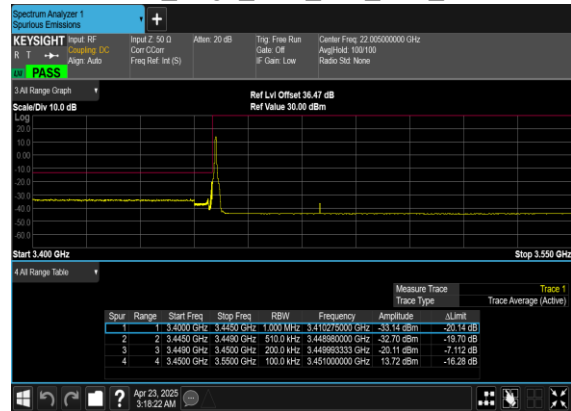




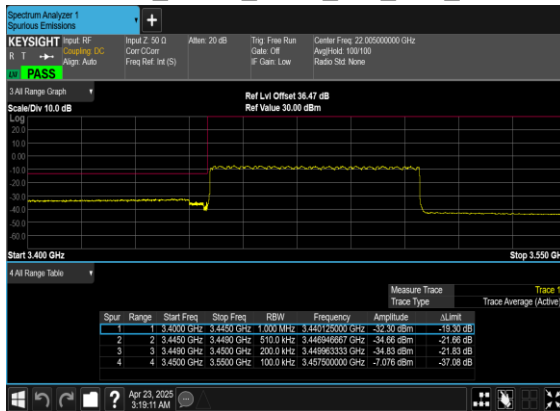
N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



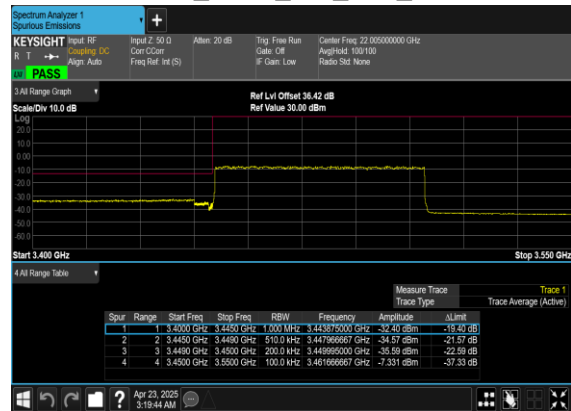
N77(60M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



N77(60M)_CP-
OFDM_QPSK_Outer_Full_Low_CH

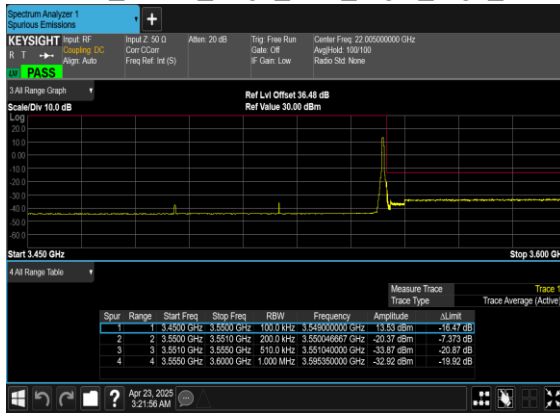


N77(60M)_CP-OFDM_16
QAM_Outer_Full_Low_CH

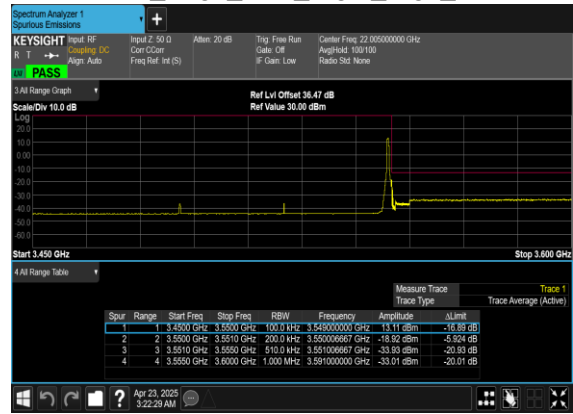




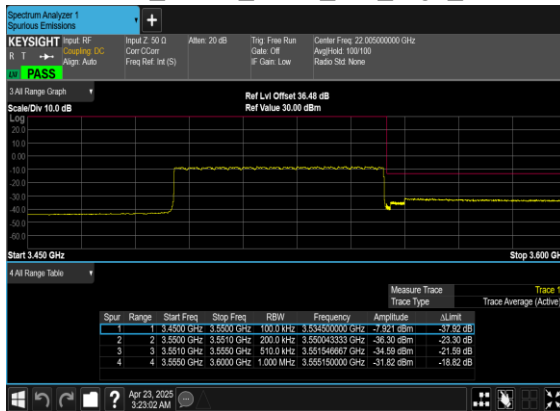
N77(60M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



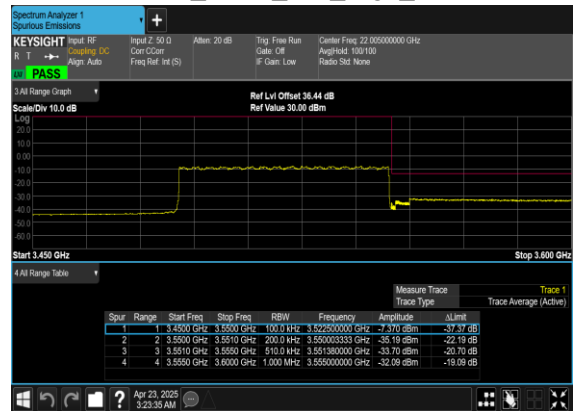
N77(60M)_CP-OFDM_16
QAM_Edge_1RB_Right_High_CH



N77(60M)_CP-
OFDM_QPSK_Outer_Full_High_CH

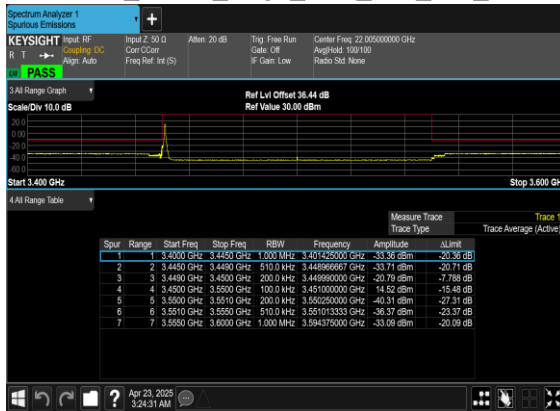


N77(60M)_CP-OFDM_16
QAM_Outer_Full_High_CH

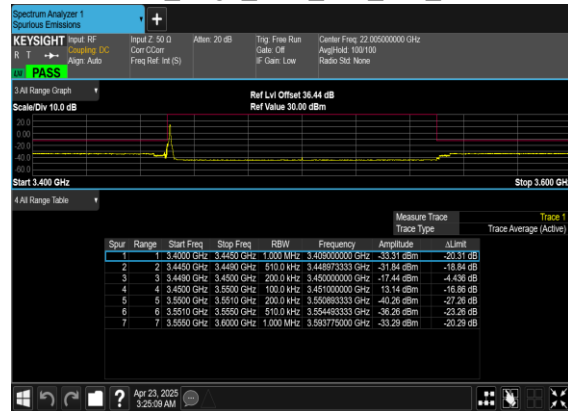




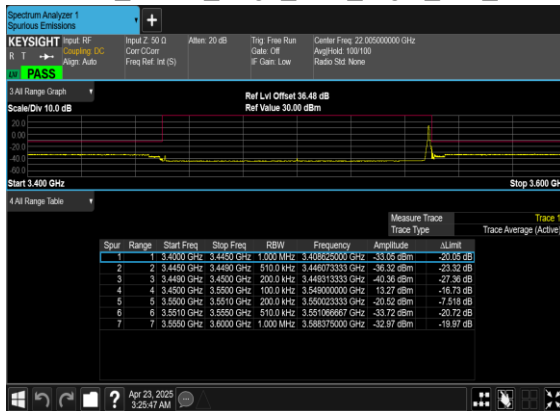
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



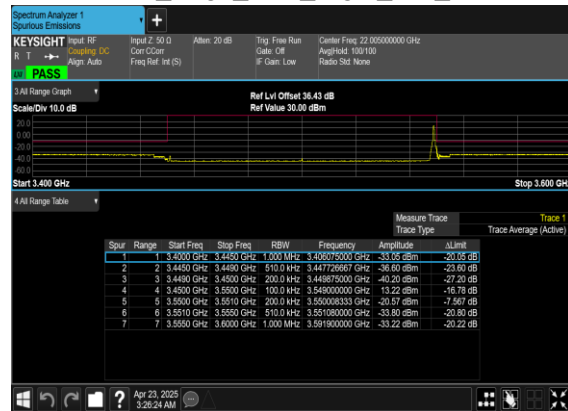
N77(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Right_Mid_CH

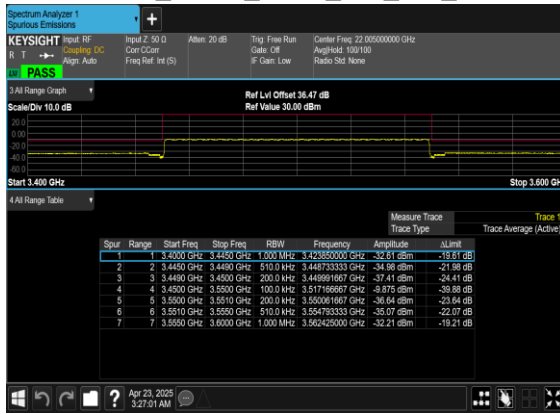


N77(100M)_CP-OFDM_16
QAM_Edge_1RB_Right_Mid_CH





N77(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH

