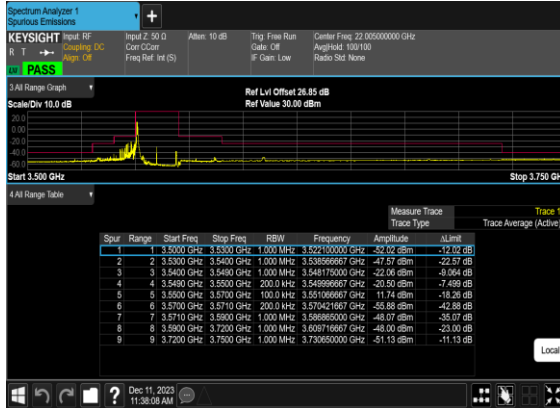
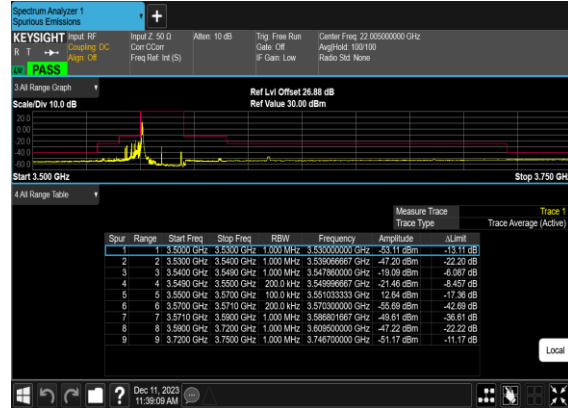


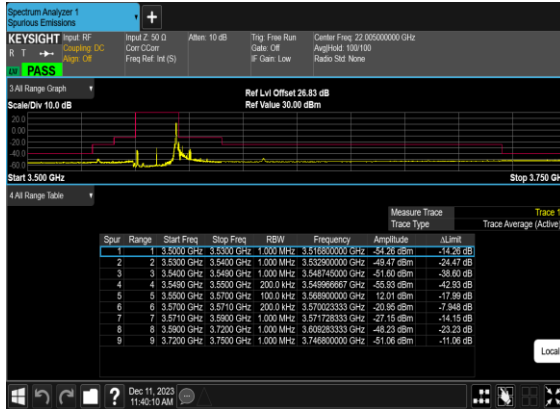
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



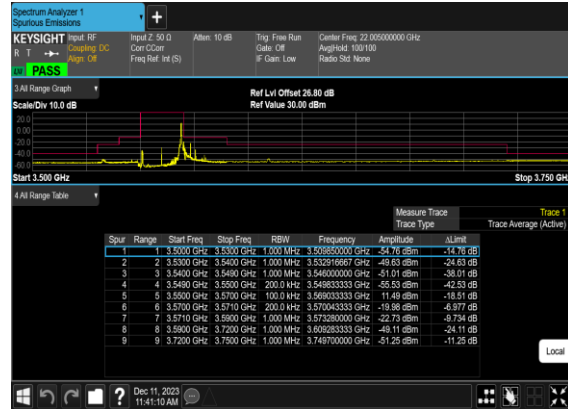
N48(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



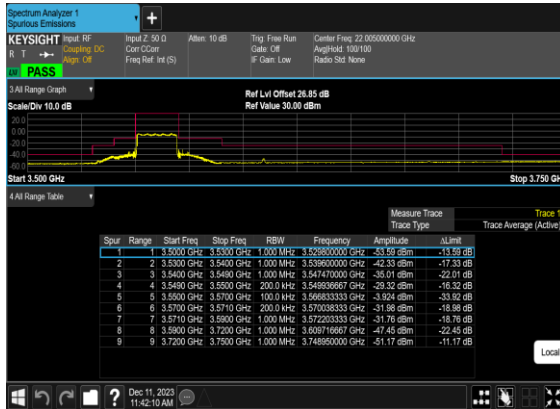
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Right_Low_CH



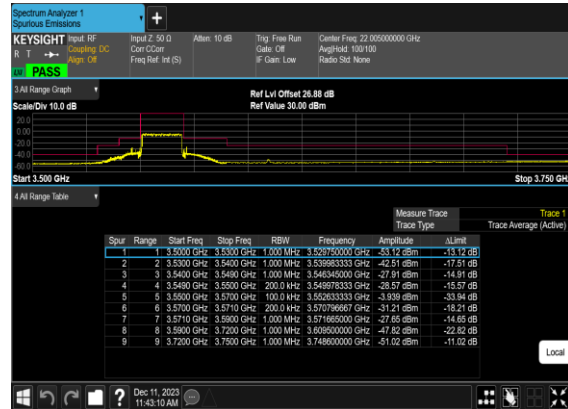
N48(20M)_CP-OFDM_16 QAM_Edge_1RB_Right_Low_CH



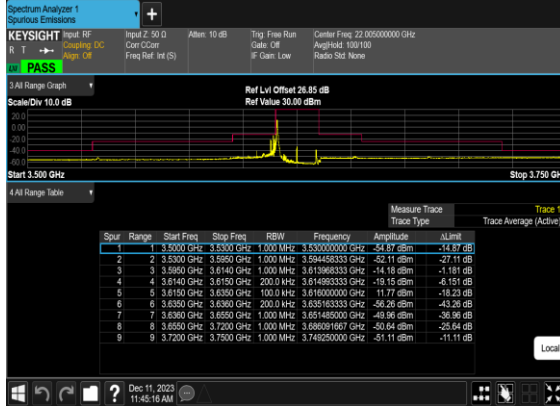
N48(20M)_CP- OFDM_QPSK_Outer_Full_Low_CH



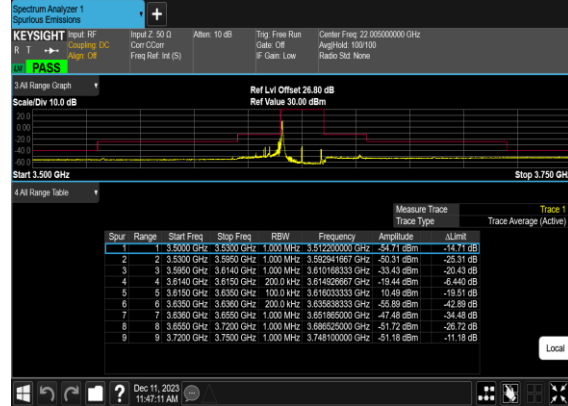
N48(20M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



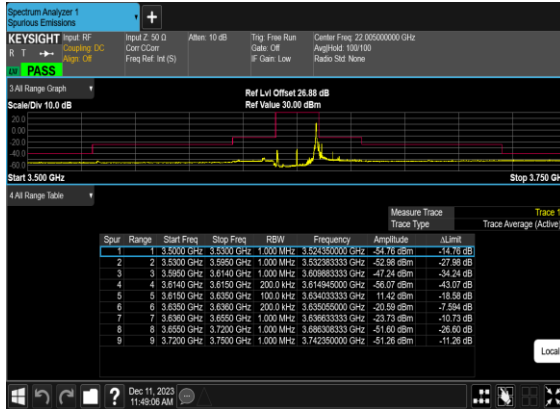
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



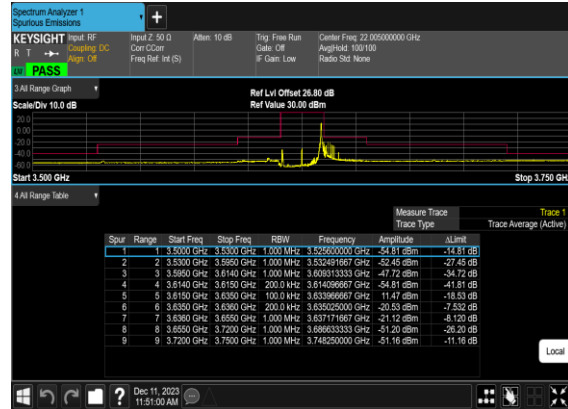
N48(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



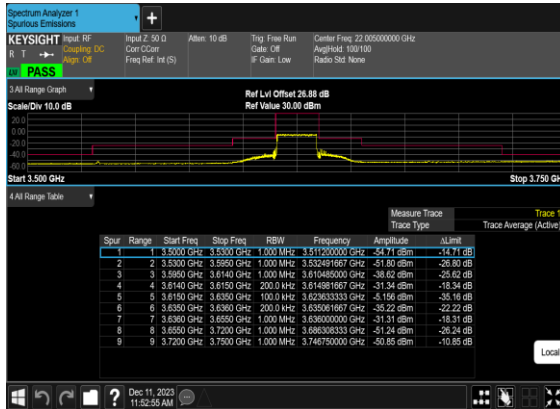
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Right_Mid_CH



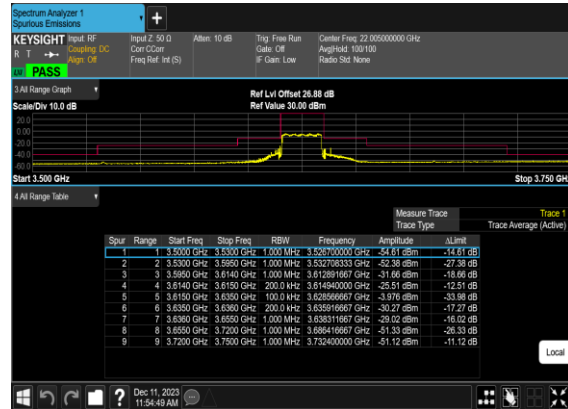
N48(20M)_CP-OFDM_16 QAM_Edge_1RB_Right_Mid_CH



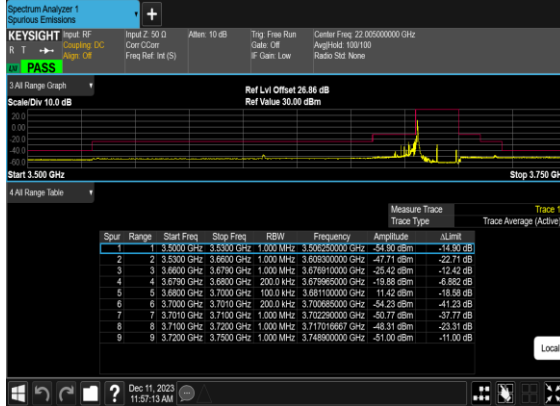
N48(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



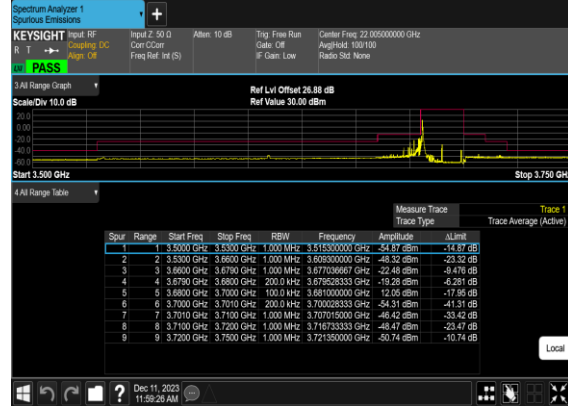
N48(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



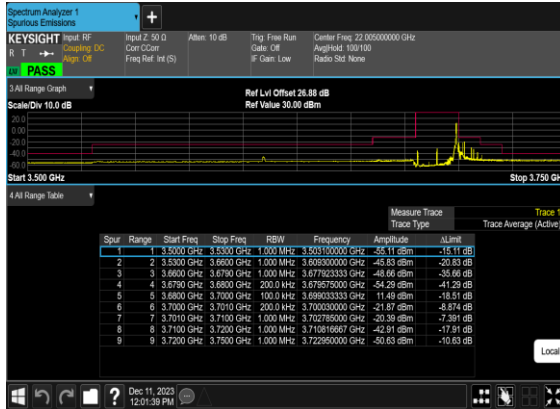
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



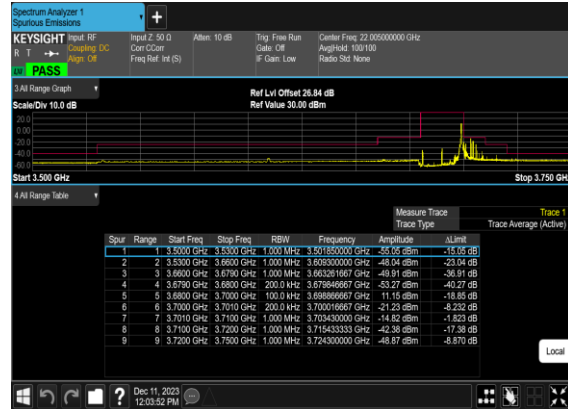
N48(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



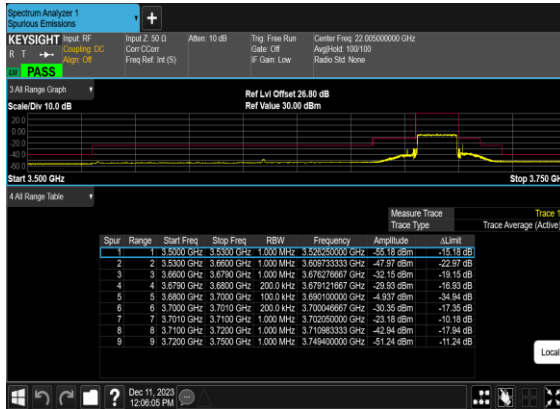
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



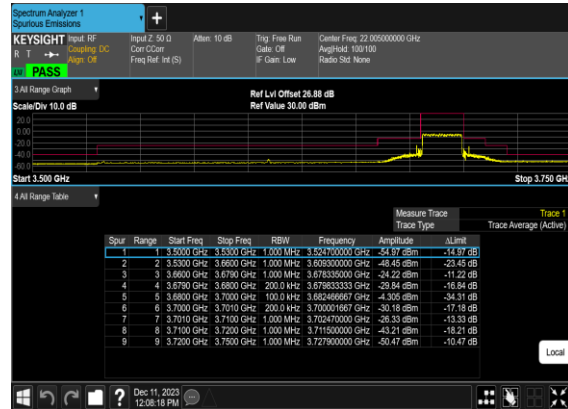
N48(20M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH



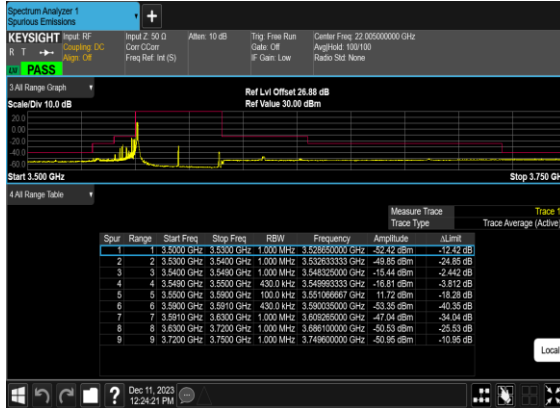
N48(20M)_CP- OFDM_QPSK_Outer_Full_High_CH



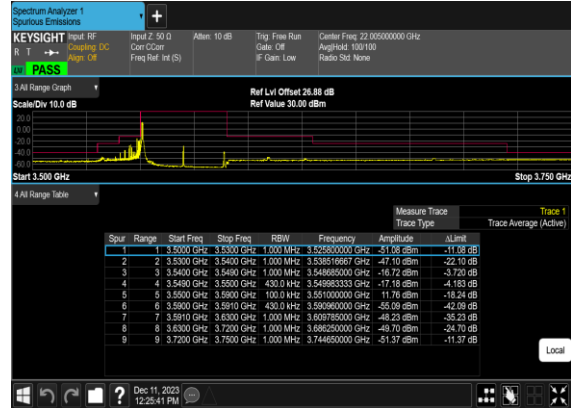
N48(20M)_CP-OFDM_16 QAM_Outer_Full_High_CH



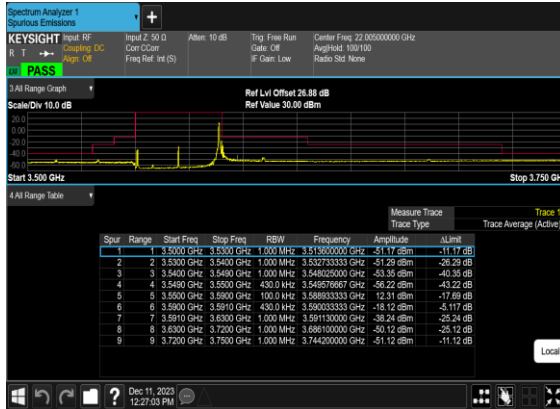
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



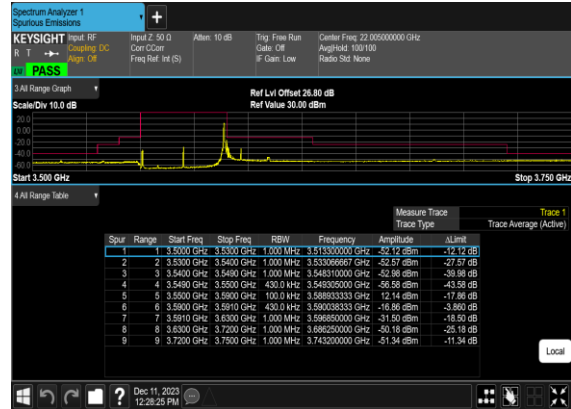
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



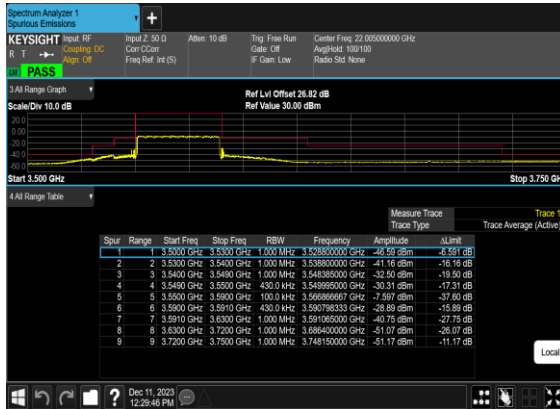
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_Low_CH



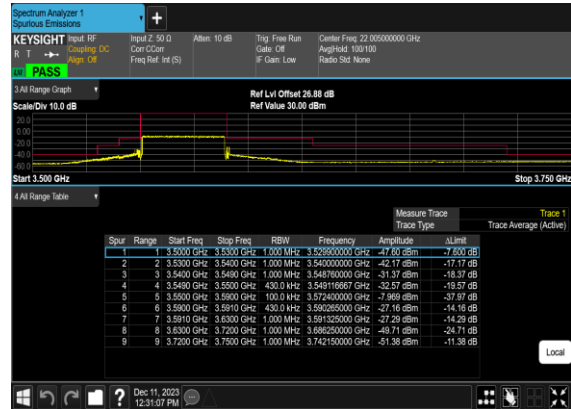
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Right_Low_CH



N48(40M)_CP- OFDM_QPSK_Outer_Full_Low_CH



N48(40M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



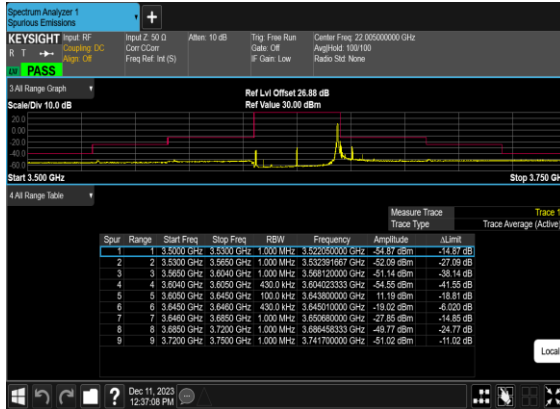
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



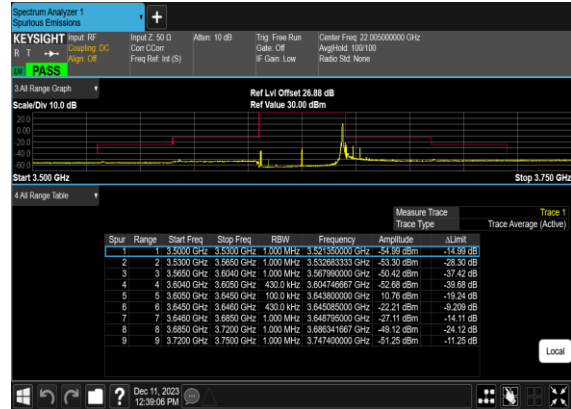
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



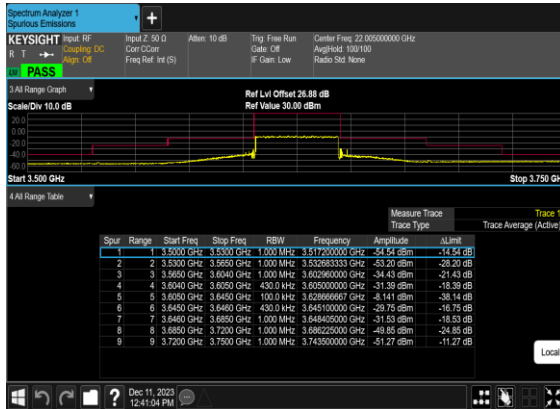
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_Mid_CH



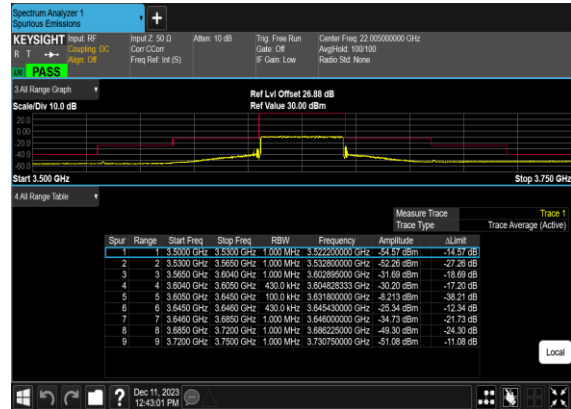
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Right_Mid_CH



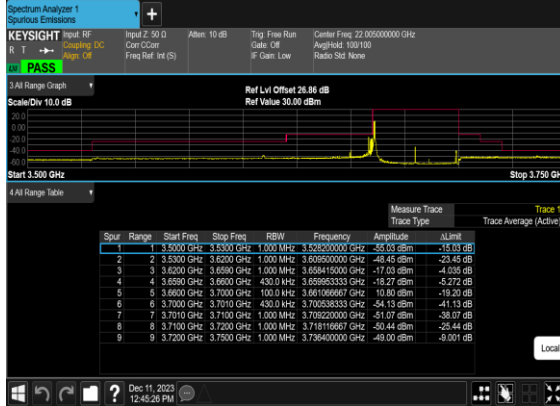
N48(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



N48(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



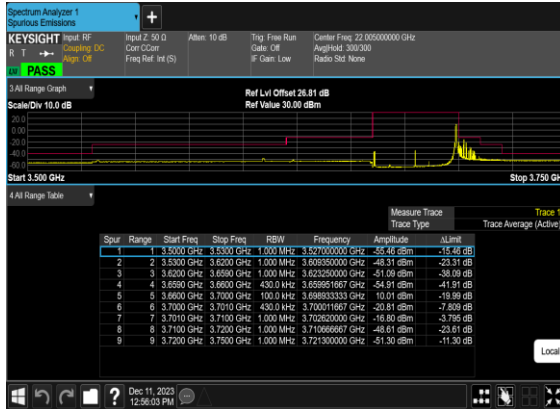
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



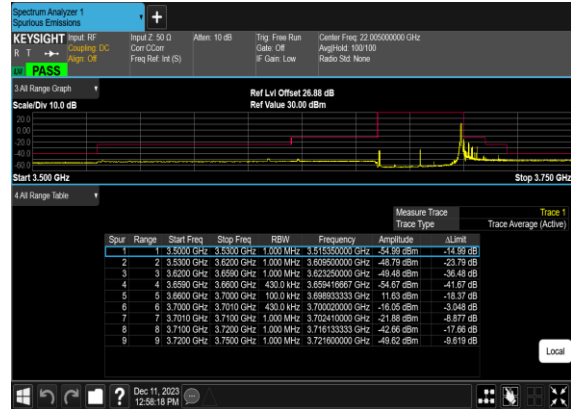
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



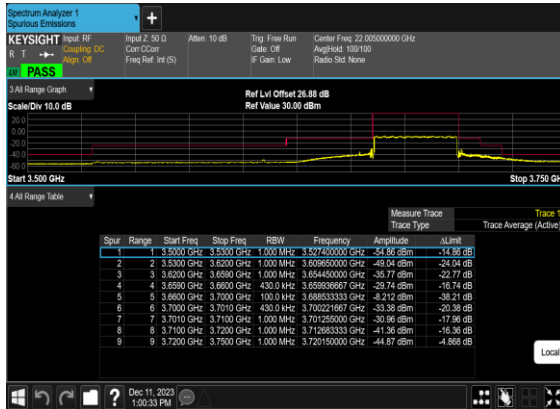
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



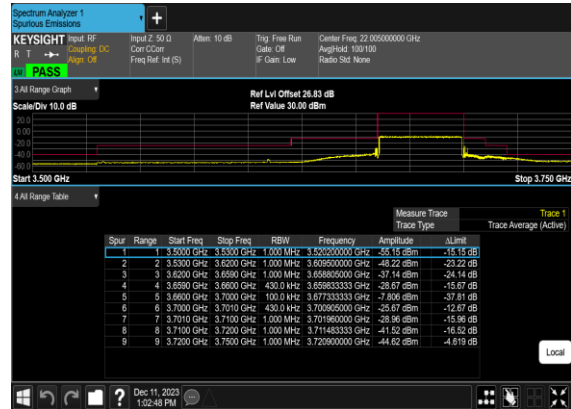
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH



N48(40M)_CP- OFDM_QPSK_Outer_Full_High_CH



N48(40M)_CP-OFDM_16 QAM_Outer_Full_High_CH



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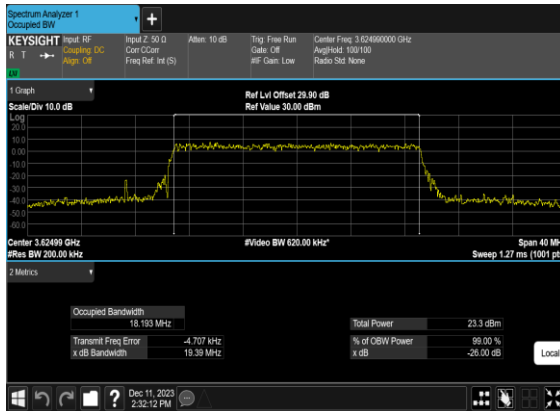
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0023	PASS	NV
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0024	PASS	LV
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0016	PASS	HV
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	-0.0005	PASS	-30℃
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0020	PASS	-20℃
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0031	PASS	-10℃
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	-0.0025	PASS	0℃
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0001	PASS	10℃
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0039	PASS	20℃
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0013	PASS	30℃
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	-0.0027	PASS	40℃
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0008	PASS	50℃

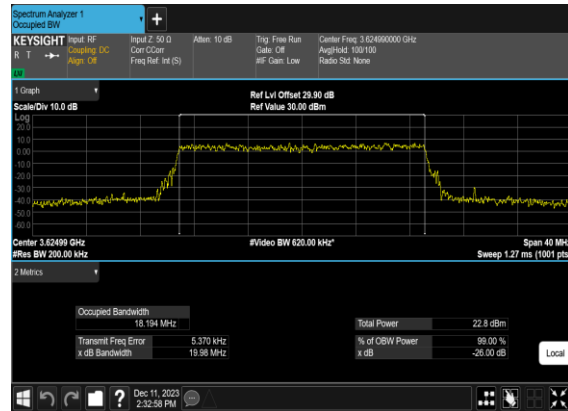
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	18.193	19.39
48	30	20	641666	3624.99	CP-OFDM 16 QAM	51@0	18.194	19.98
48	30	20	641666	3624.99	CP-OFDM 64 QAM	51@0	18.23	19.43
48	30	20	641666	3624.99	CP-OFDM 256 QAM	51@0	18.198	19.3
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	37.854	39.9
48	30	40	641666	3624.99	CP-OFDM 16 QAM	106@0	37.848	39.44
48	30	40	641666	3624.99	CP-OFDM 64 QAM	106@0	37.827	39.53
48	30	40	641666	3624.99	CP-OFDM 256 QAM	106@0	37.824	39.4

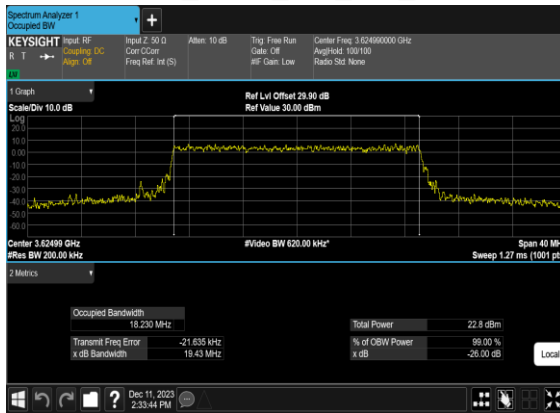
N48(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



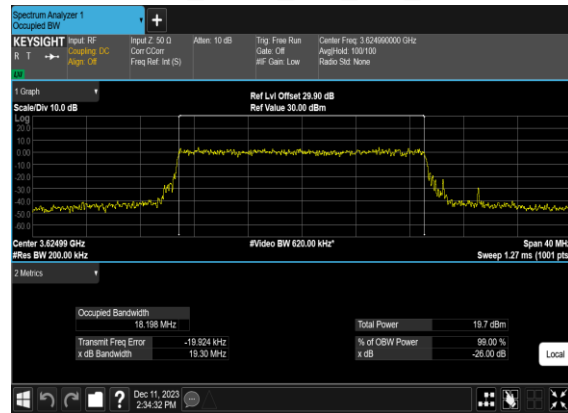
N48(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



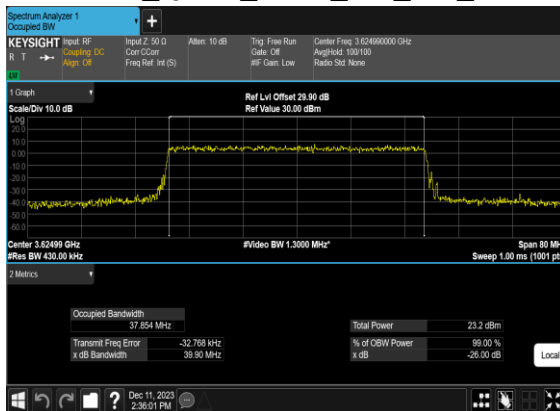
N48(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



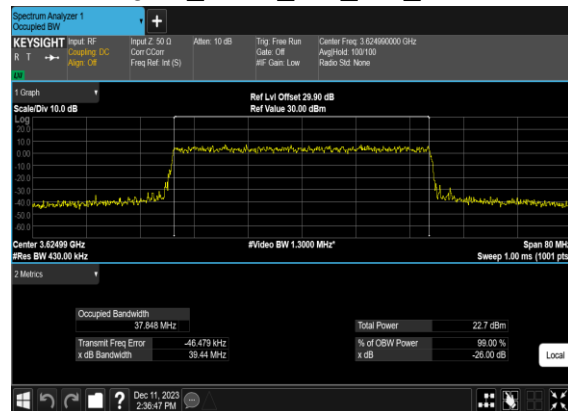
N48(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



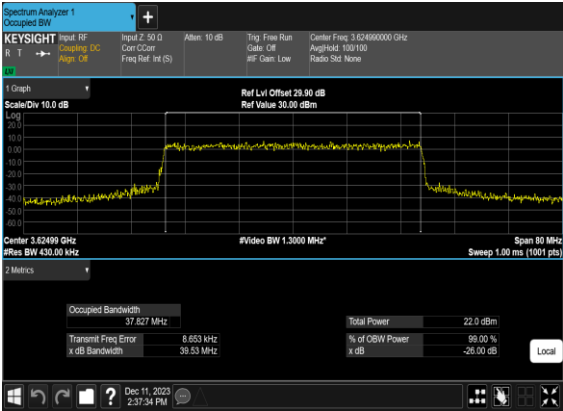
N48(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



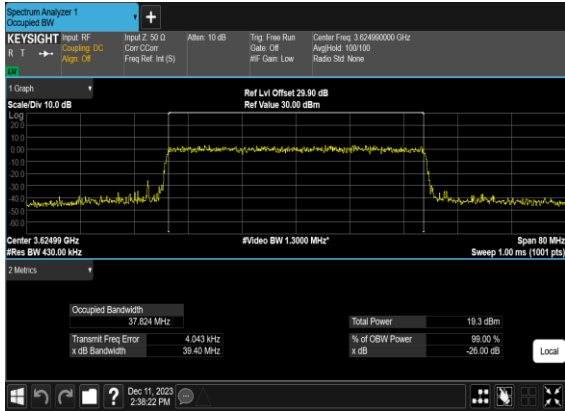
N48(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N48(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



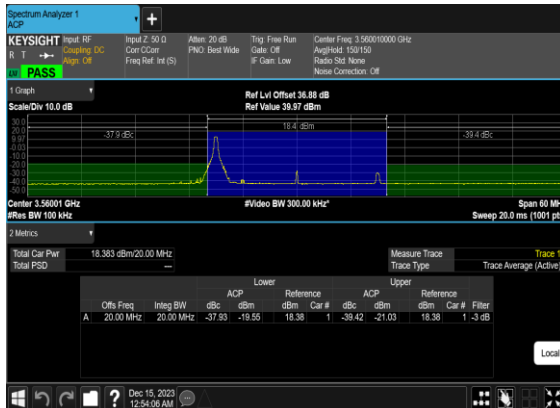
N48(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



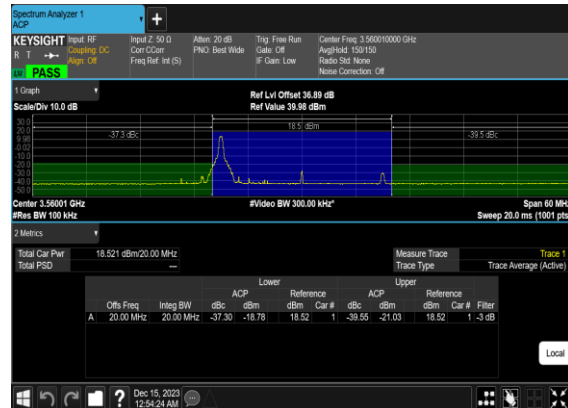
Adjacent Channel Leakage Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Lower Margin	Upper Margin	Result	Verdict
48	30	20	637334	3560.01	CP-OFDM QPSK	1@0	-7.93	-9.42	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM 16 QAM	1@0	-7.3	-9.55	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@50	-11.44	-9.41	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM 16 QAM	1@50	-10.77	-8.56	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	51@0	-9.47	-9.24	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM 16 QAM	51@0	-9.26	-9.06	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@0	-5.66	-6.24	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM 16 QAM	1@0	-6.18	-7.18	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@50	-7.14	-5.81	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM 16 QAM	1@50	-7.32	-5.86	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	-6.71	-6.38	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM 16 QAM	51@0	-6.46	-6.1	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@0	-5.65	-6.41	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM 16 QAM	1@0	-5.45	-5.96	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@50	-6.82	-5.69	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM 16 QAM	1@50	-7.66	-6.23	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	51@0	-5.96	-5.48	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM 16 QAM	51@0	-6.12	-5.63	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@0	-3.48	-3.21	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM 16 QAM	1@0	-4.14	-4.02	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@105	-4.26	-3.49	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM 16 QAM	1@105	-4.9	-4.17	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	106@0	-4.29	-3.75	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM 16 QAM	106@0	-4.34	-3.81	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@0	-2.57	-2.17	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM 16 QAM	1@0	-5.9	-5.66	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@105	-5.61	-4.39	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM 16 QAM	1@105	-2.55	-1.52	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	-4.58	-3.7	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM 16 QAM	106@0	-4.17	-3.33	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@0	-3.65	-2.92	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM 16 QAM	1@0	-3.9	-3.33	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@105	-4.03	-2.74	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM 16 QAM	1@105	-3.98	-2.71	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	106@0	-3.59	-2.61	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM 16 QAM	106@0	-3.55	-2.56	see graph	PASS

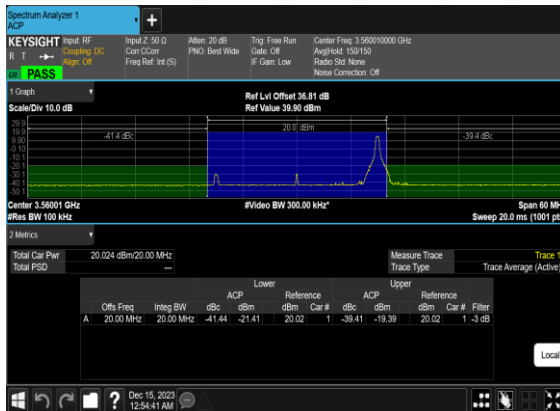
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



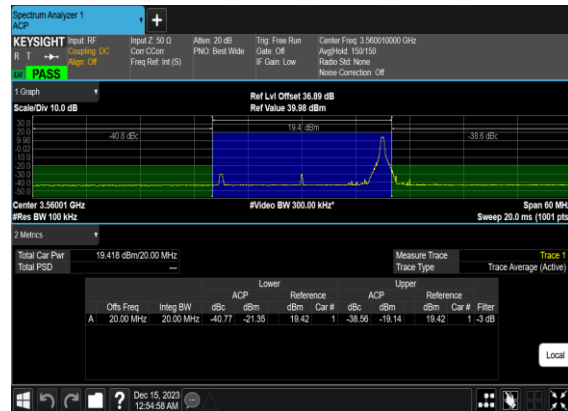
N48(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



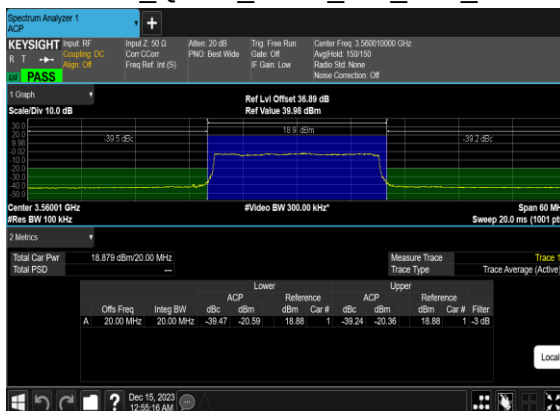
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Right_Low_CH



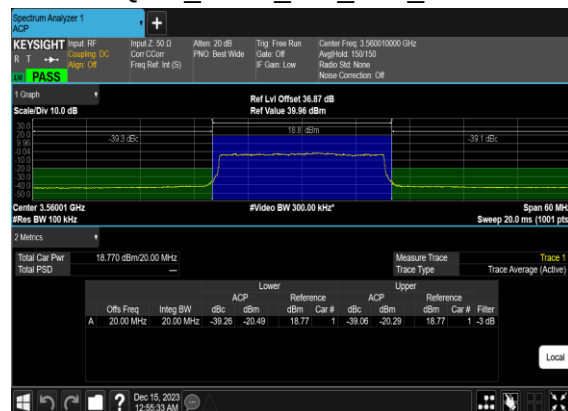
N48(20M)_CP-OFDM_16 QAM_Edge_1RB_Right_Low_CH



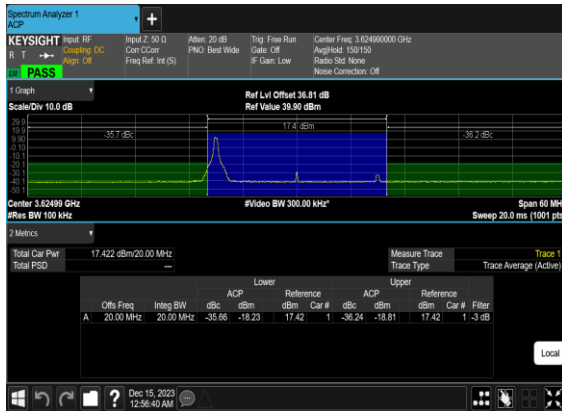
N48(20M)_CP- OFDM_QPSK_Outer_Full_Low_CH



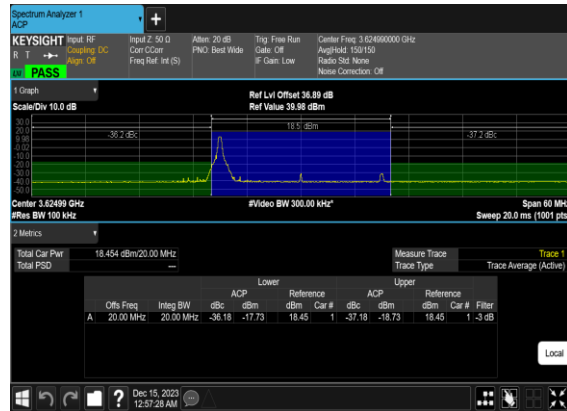
N48(20M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



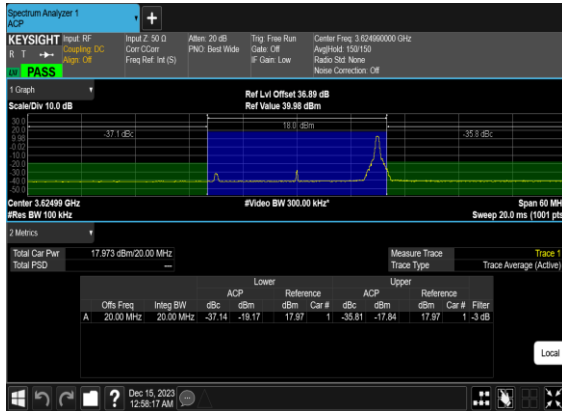
OFDM_QPSK_Edge_1RB_Left_Mid_CH



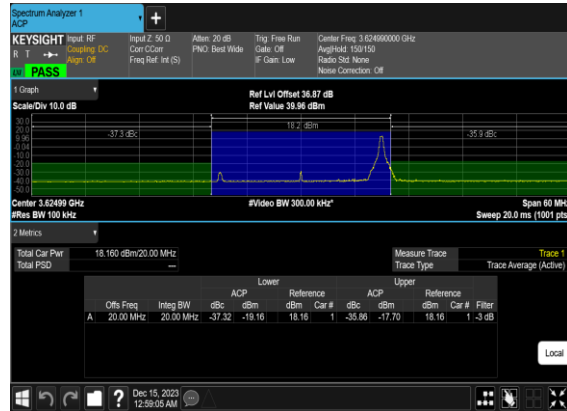
QAM_Edge_1RB_Left_Mid_CH



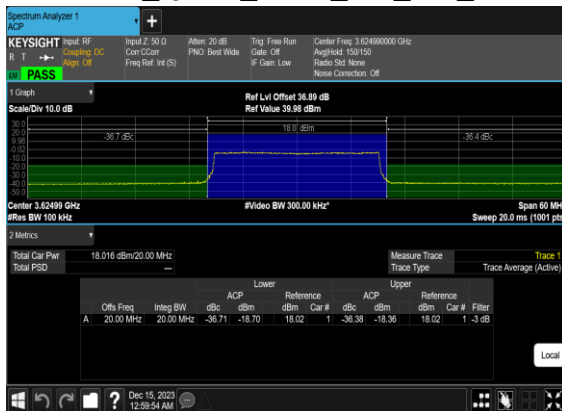
OFDM_QPSK_Edge_1RB_Right_Mid_CH



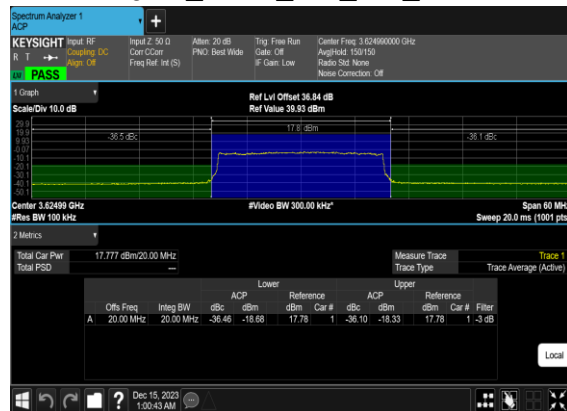
QAM_Edge_1RB_Right_Mid_CH



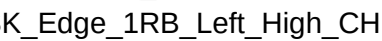
OFDM QPSK Outer Full Mid CH



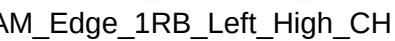
QAM Outer Full Mid CH



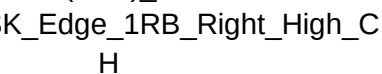
N48(20M)_CP-



N48(20M)_CP-OFDM_16



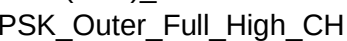
N48(20M)_CP-



N48(20M)_CP-OFDM_16



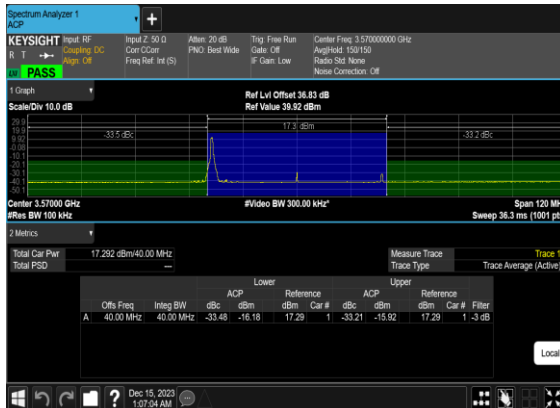
N48(20M) CP-



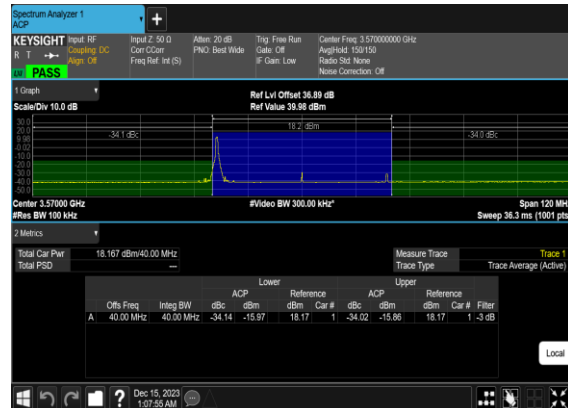
N48(20M) CP-OFDM 16



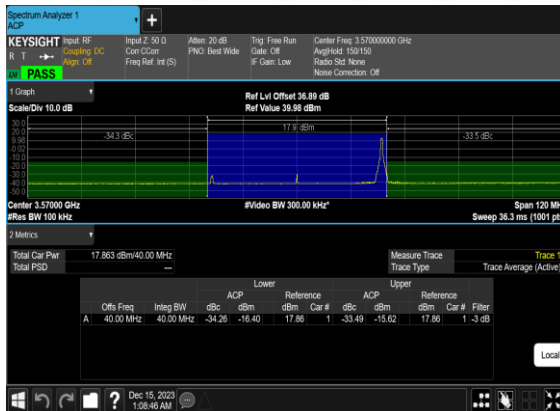
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



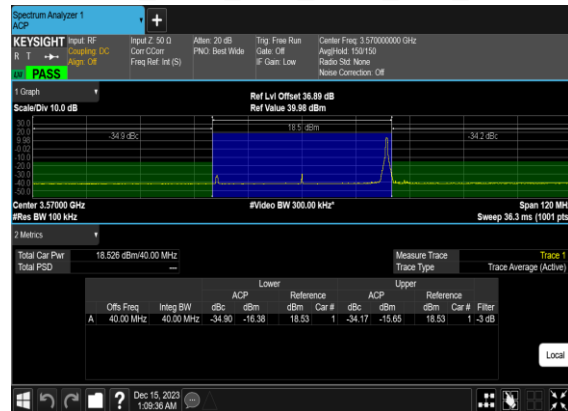
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



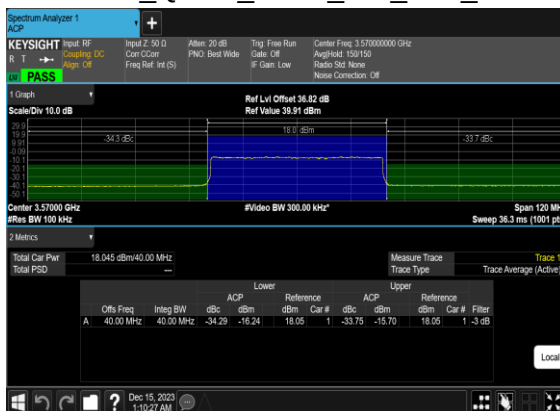
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_Low_CH



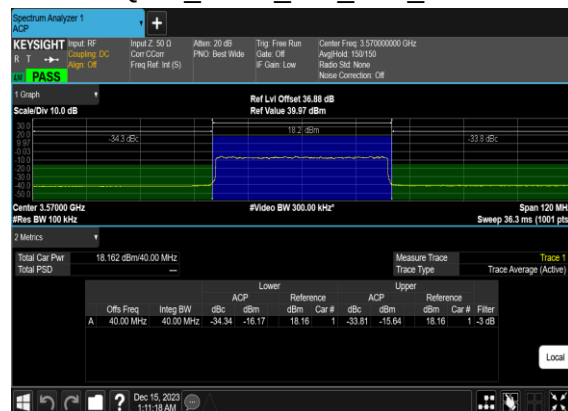
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Right_Low_CH



N48(40M)_CP- OFDM_QPSK_Outer_Full_Low_CH



N48(40M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



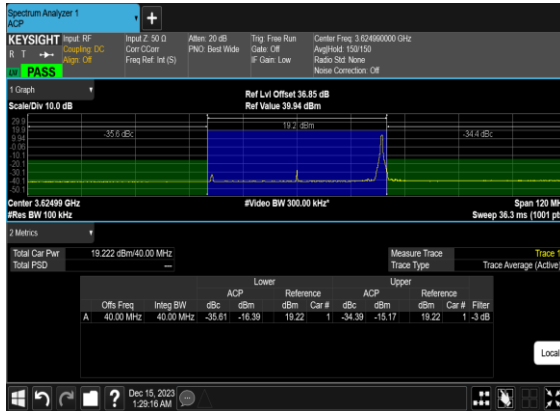
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



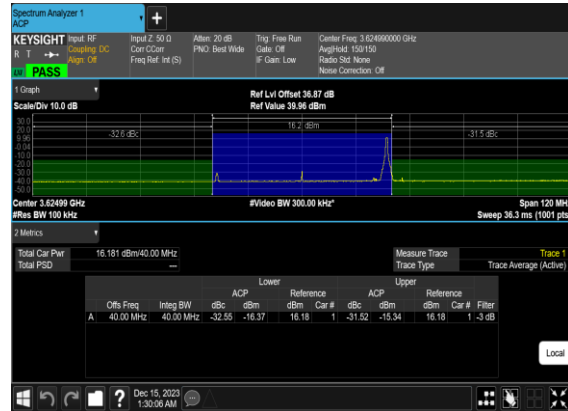
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



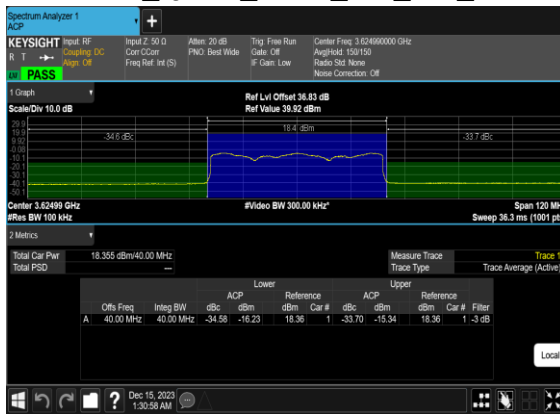
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_Mid_CH



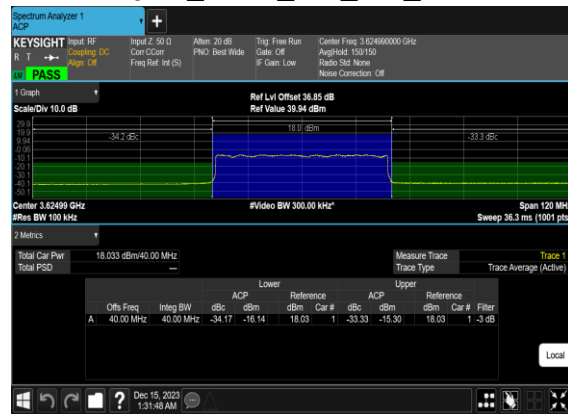
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Right_Mid_CH



N48(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



N48(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



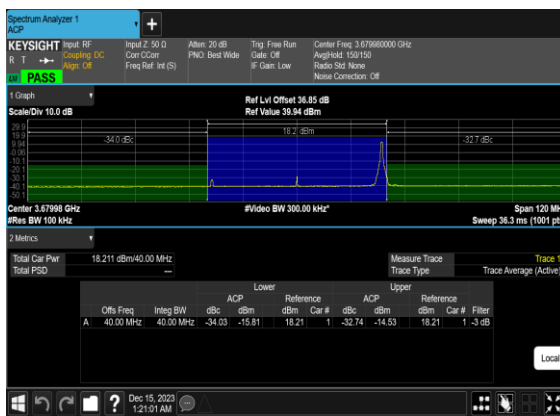
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



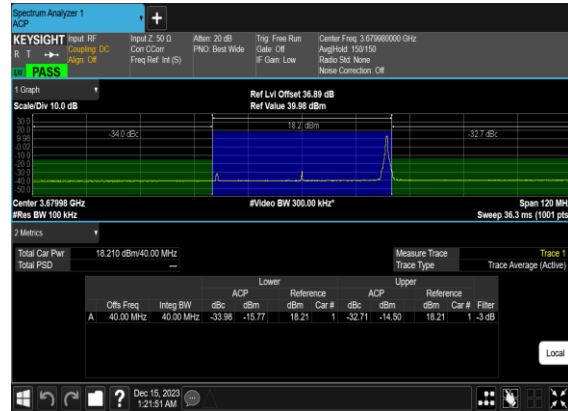
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



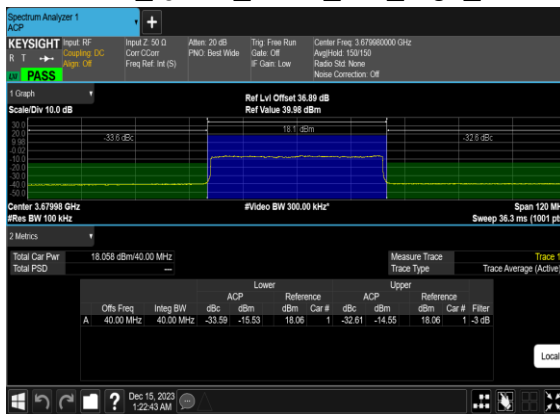
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_High_C H



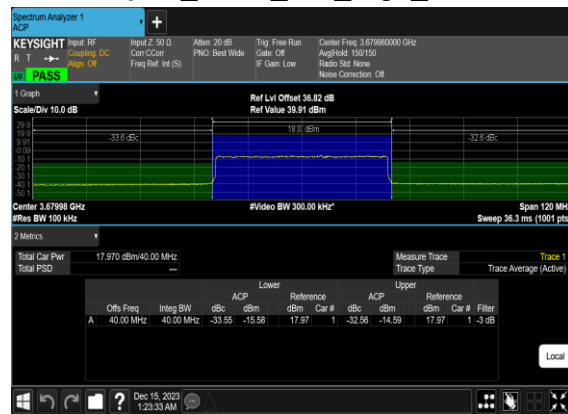
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH



N48(40M)_CP- OFDM_QPSK_Outer_Full_High_CH



N48(40M)_CP-OFDM_16 QAM_Outer_Full_High_CH



Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
48	30	20	637334	3560.01	CP-OFDM QPSK	1@0	see graph	---
48	30	20	637334	3560.01	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM 16 QAM	1@0	see graph	---
48	30	20	637334	3560.01	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@0	see graph	---
48	30	20	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM 16 QAM	1@0	see graph	---
48	30	20	641666	3624.99	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@0	see graph	---
48	30	20	646000	3690.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM 16 QAM	1@0	see graph	---
48	30	20	646000	3690.0	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@0	see graph	---
48	30	40	638000	3570.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM 16 QAM	1@0	see graph	---
48	30	40	638000	3570.0	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@0	see graph	---
48	30	40	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM 16 QAM	1@0	see graph	---
48	30	40	641666	3624.99	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@0	see graph	---
48	30	40	645332	3679.98	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM 16 QAM	1@0	see graph	---
48	30	40	645332	3679.98	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM 16 QAM	1@0	see graph	PASS

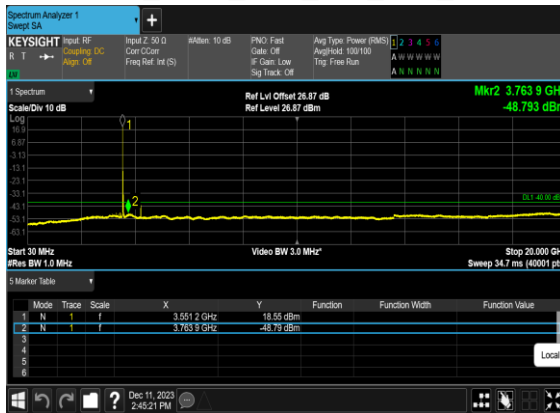
N48(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



N48(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



N48(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N48(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

