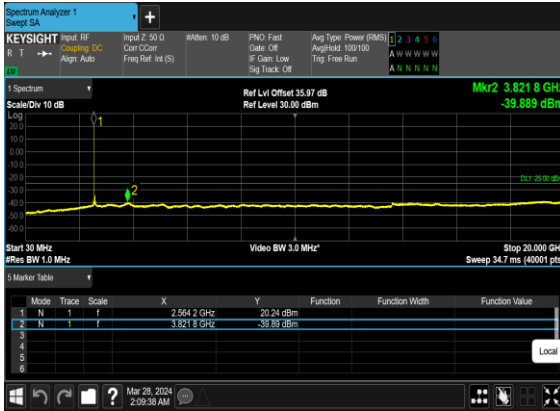
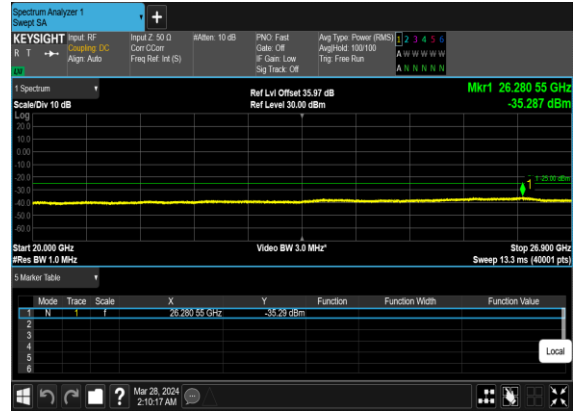


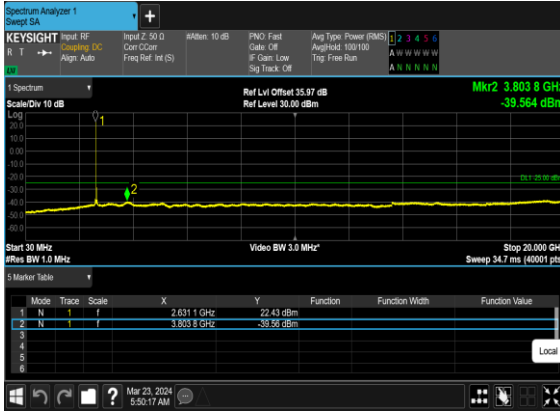
N41(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



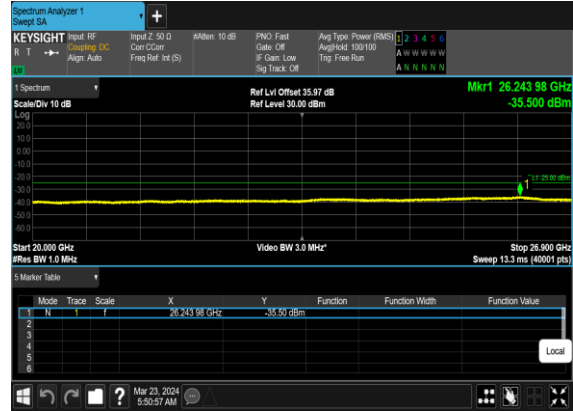
N41(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



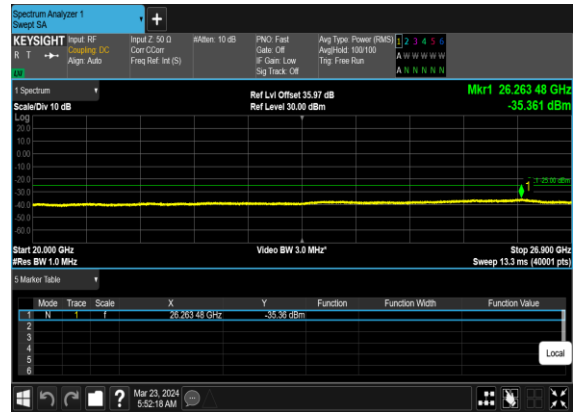
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



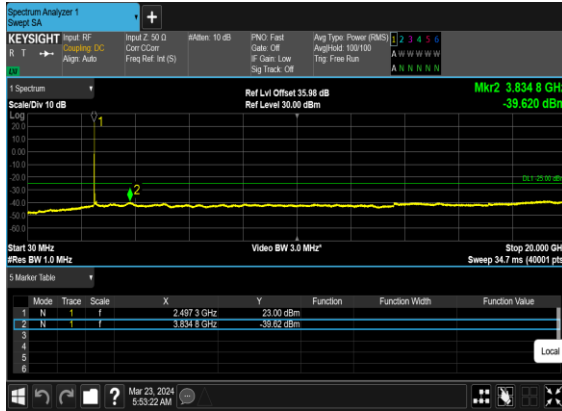
N41(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



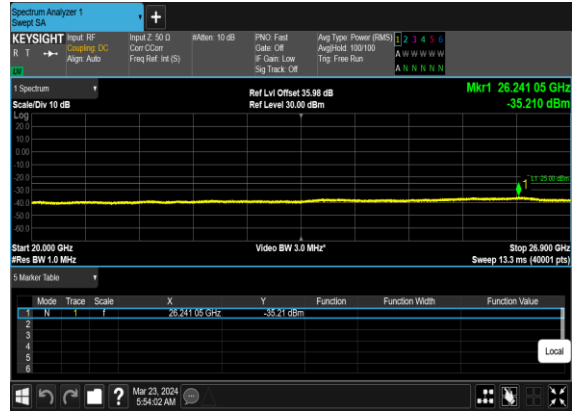
N41(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



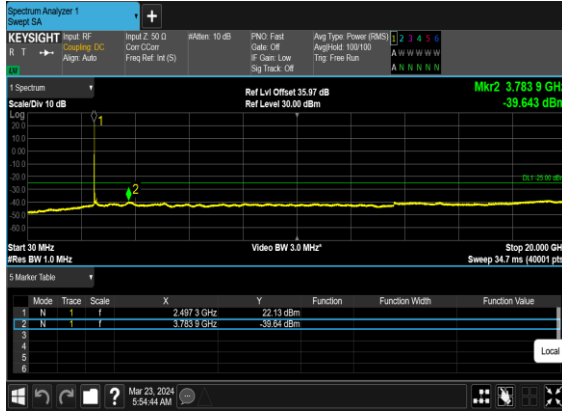
N41(80M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



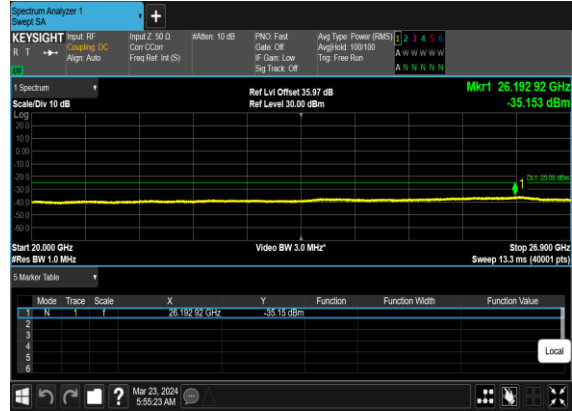
N41(80M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



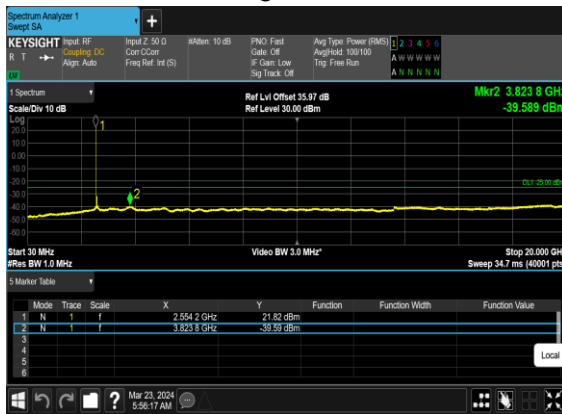
N41(80M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



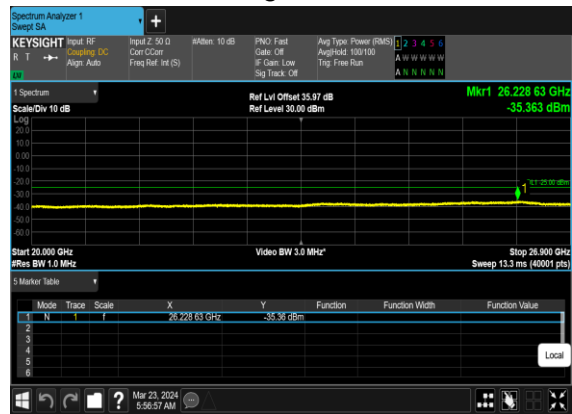
N41(80M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



N41(80M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



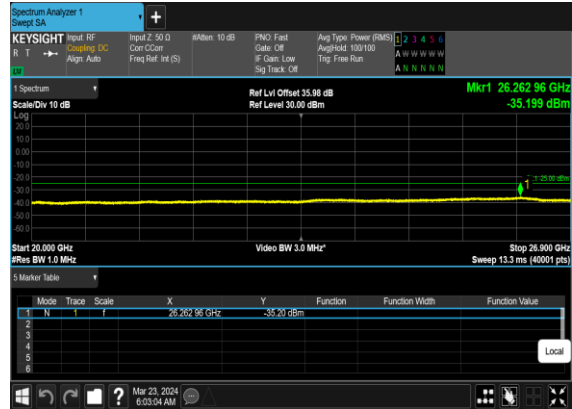
N41(80M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



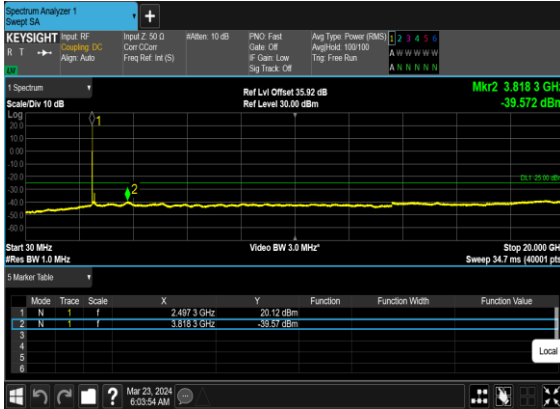
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



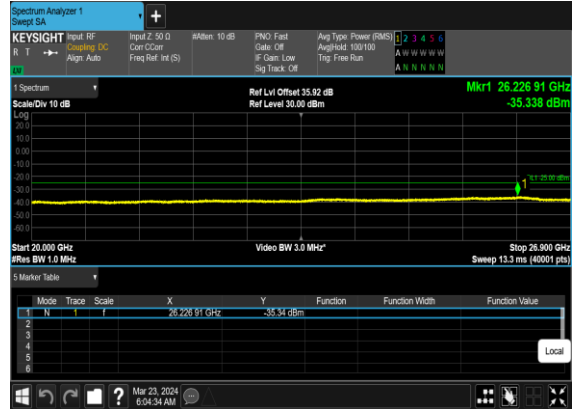
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



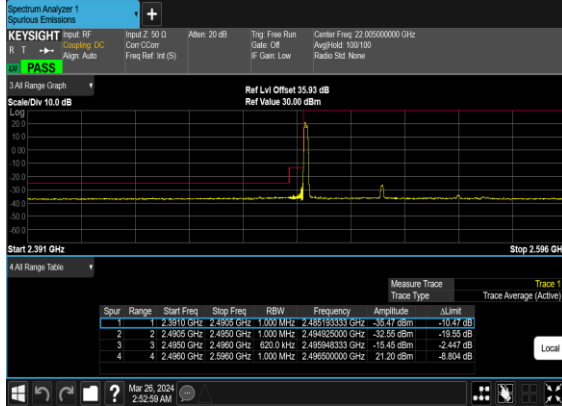
N41(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



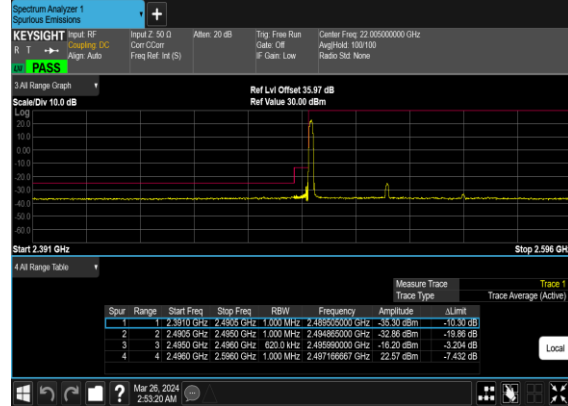
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	60	505200	2526.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	60	505200	2526.0	CP-OFDM QPSK	162@0	see graph	PASS
41	30	60	505200	2526.0	CP-OFDM 16 QAM	162@0	see graph	PASS
41	30	60	531996	2659.98	CP-OFDM QPSK	1@161	see graph	PASS
41	30	60	531996	2659.98	CP-OFDM 16 QAM	1@161	see graph	PASS
41	30	60	531996	2659.98	CP-OFDM QPSK	162@0	see graph	PASS
41	30	60	531996	2659.98	CP-OFDM 16 QAM	162@0	see graph	PASS
41	30	80	507204	2536.02	CP-OFDM QPSK	1@0	see graph	PASS
41	30	80	507204	2536.02	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	80	507204	2536.02	CP-OFDM QPSK	217@0	see graph	PASS
41	30	80	507204	2536.02	CP-OFDM 16 QAM	217@0	see graph	PASS
41	30	80	529998	2649.99	CP-OFDM QPSK	1@216	see graph	PASS
41	30	80	529998	2649.99	CP-OFDM 16 QAM	1@216	see graph	PASS
41	30	80	529998	2649.99	CP-OFDM QPSK	217@0	see graph	PASS
41	30	80	529998	2649.99	CP-OFDM 16 QAM	217@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	273@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM 16 QAM	273@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM 16 QAM	1@272	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	273@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM 16 QAM	273@0	see graph	PASS

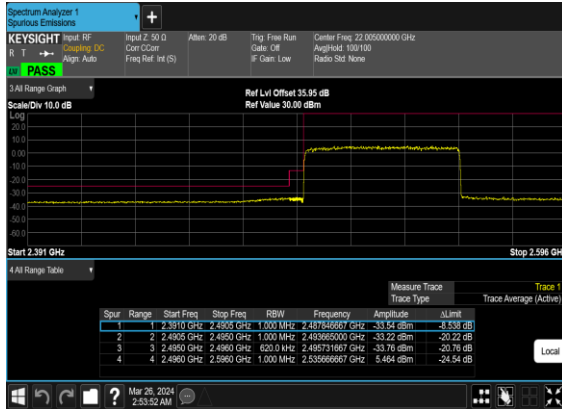
N41(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



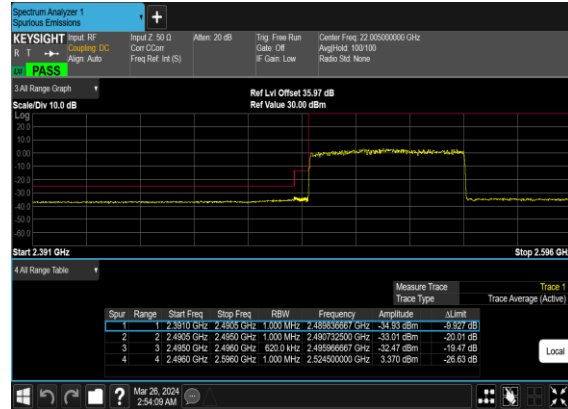
N41(60M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



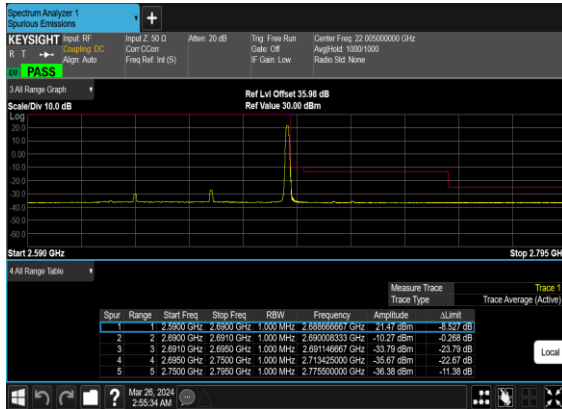
N41(60M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



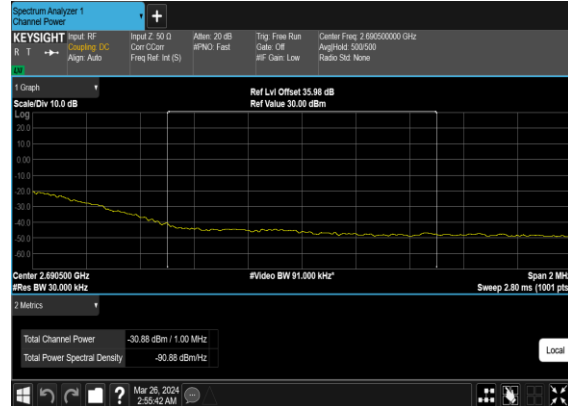
N41(60M)_CP-OFDM_16
QAM_Outer_Full_Low_CH



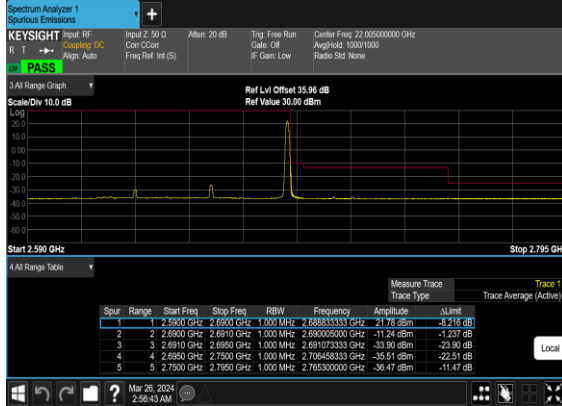
N41(60M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



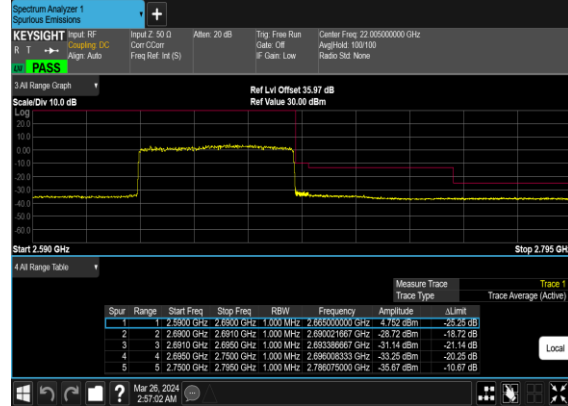
N41(60M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH_ch
P_PASS



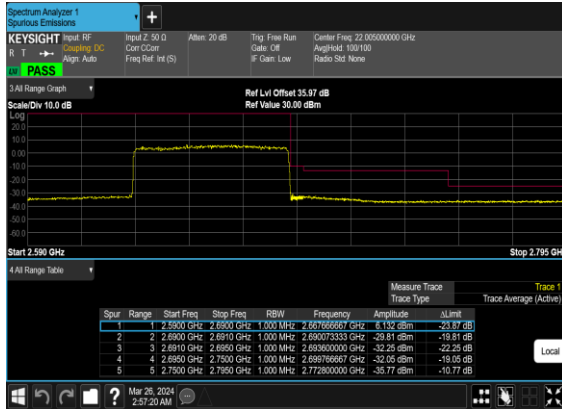
N41(60M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH



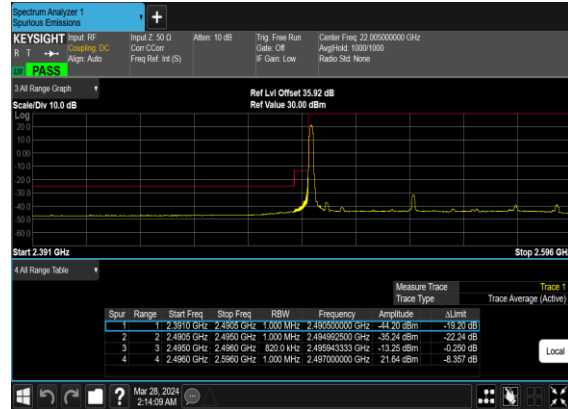
N41(60M)_CP-OFDM_QPSK_Outer_Full_High_CH



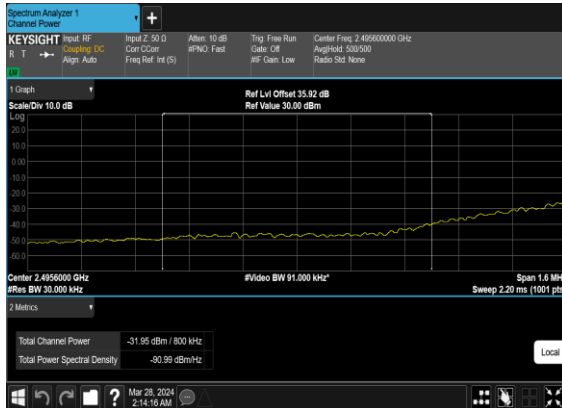
N41(60M)_CP-OFDM_16 QAM_Outer_Full_High_CH



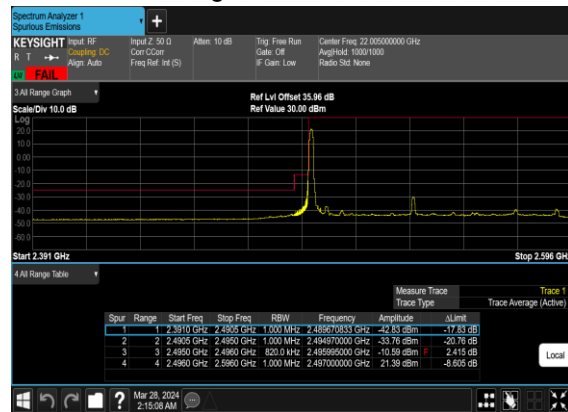
N41(80M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



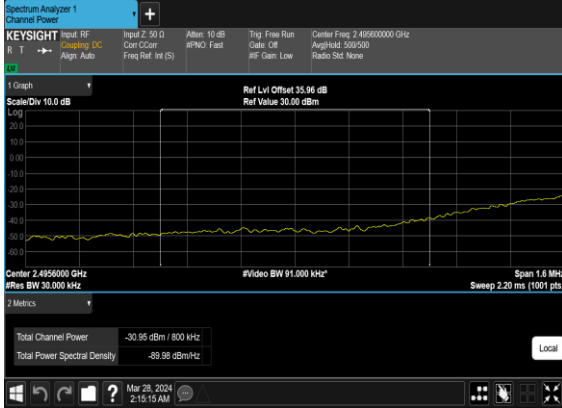
N41(80M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



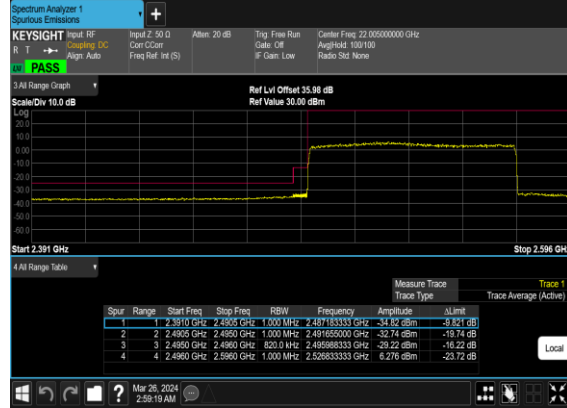
N41(80M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



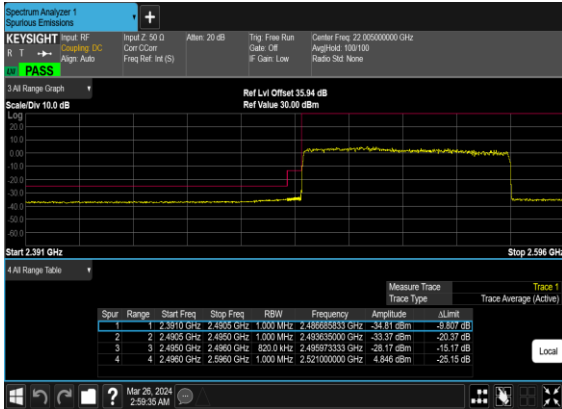
N41(80M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH_CHP_PASS



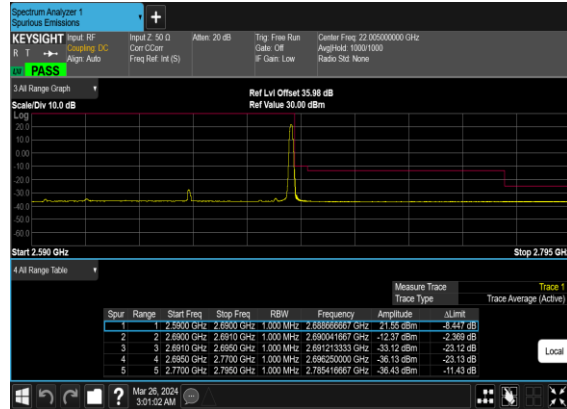
N41(80M)_CP-OFDM_QPSK_Outer_Full_Low_CH



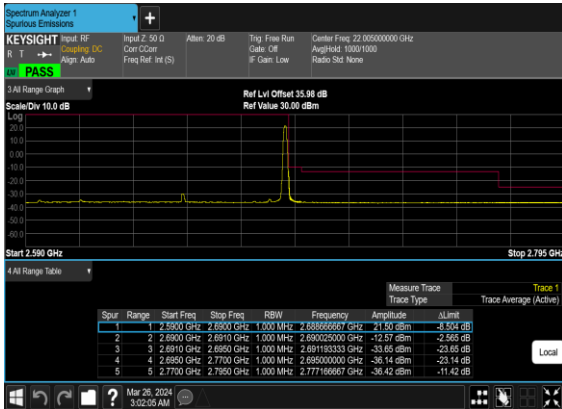
N41(80M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



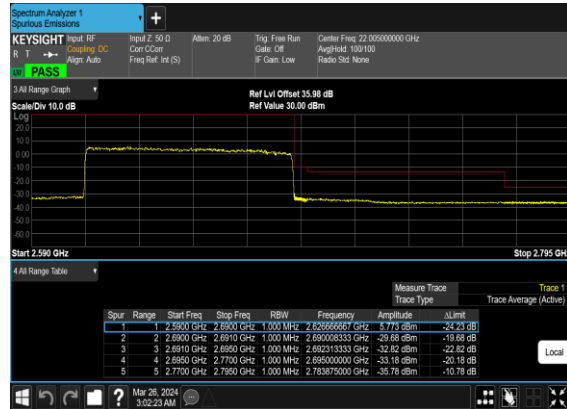
N41(80M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



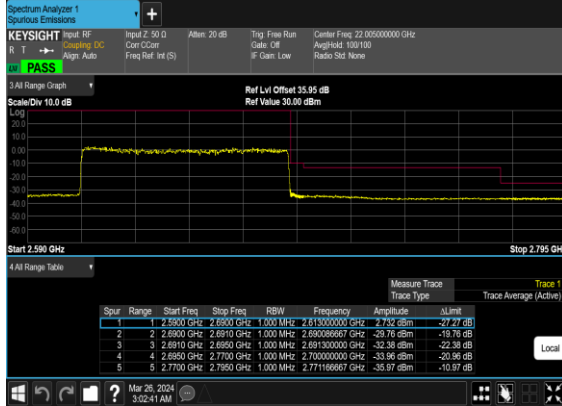
N41(80M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH



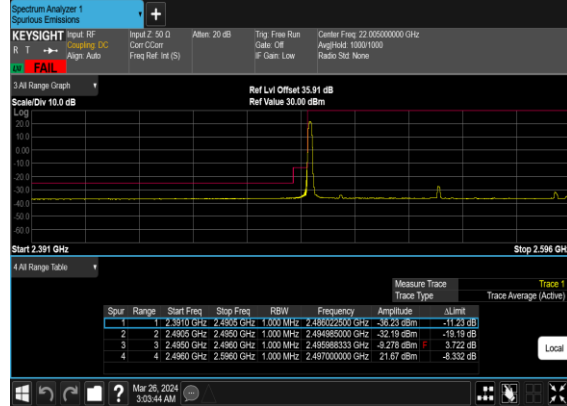
N41(80M)_CP-OFDM_QPSK_Outer_Full_High_CH



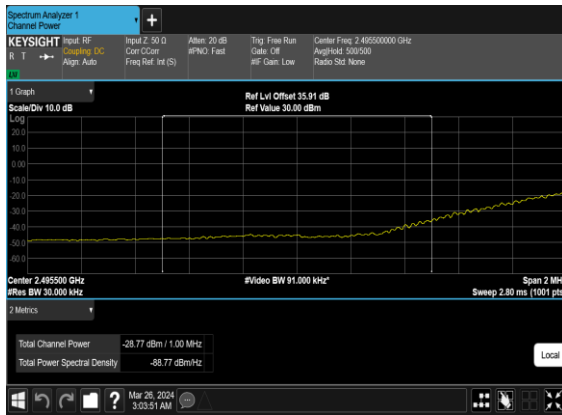
N41(80M)_CP-OFDM_16
QAM_Outer_Full_High_CH



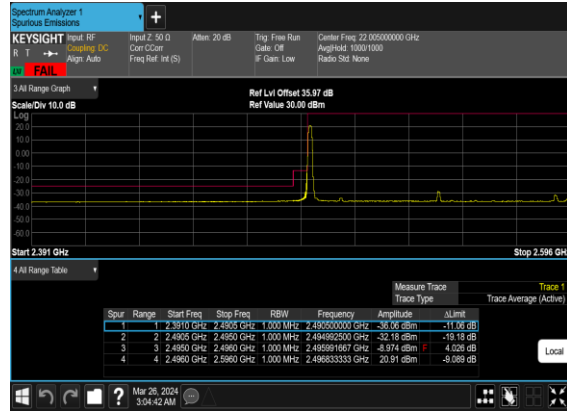
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



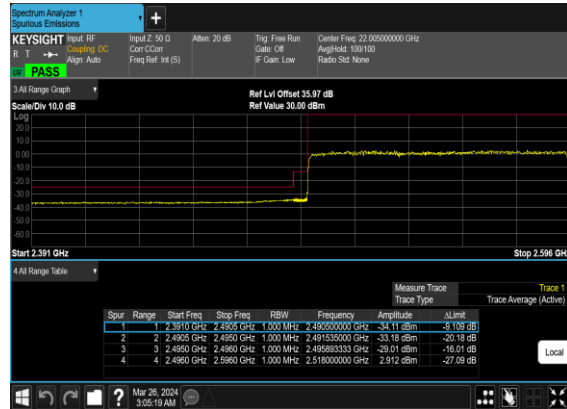
N41(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



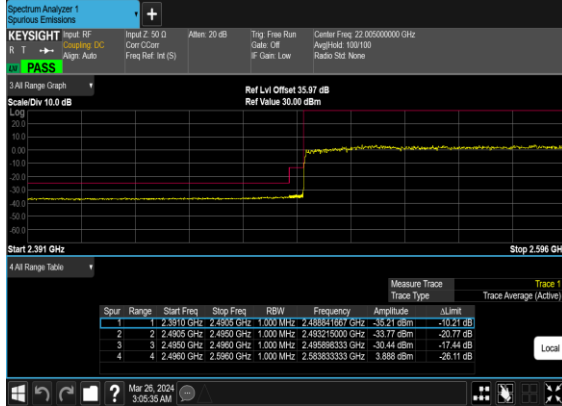
N41(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH_CHP_PASS



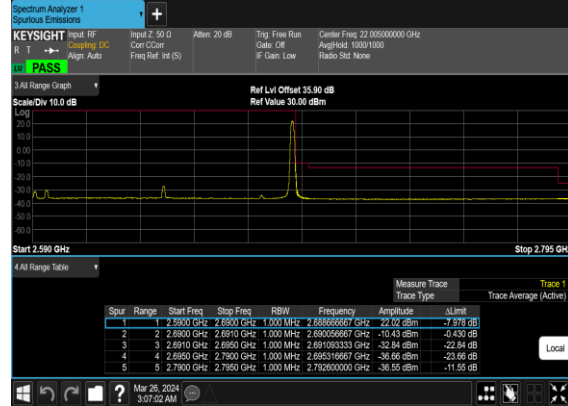
N41(100M)_CP-OFDM_QPSK_Outer_Full_Low_CH



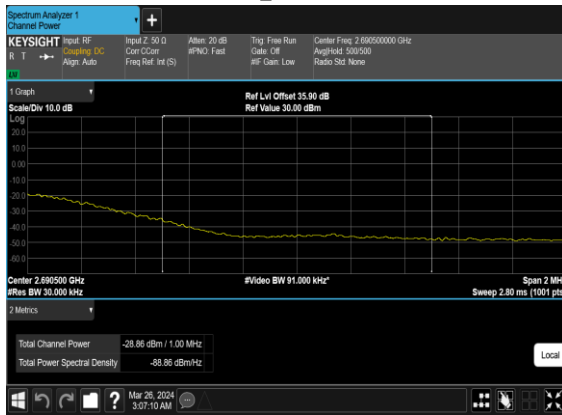
N41(100M)_CP-OFDM_16
QAM_Outer_Full_Low_CH



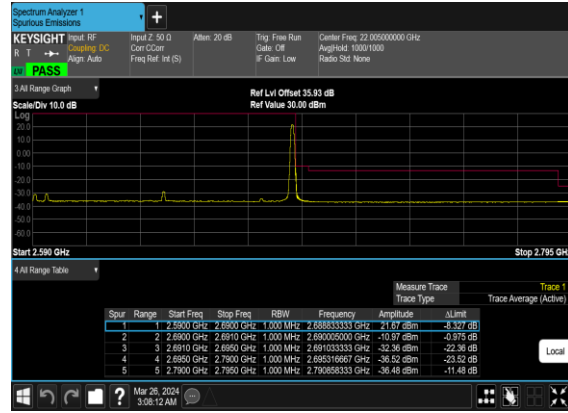
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



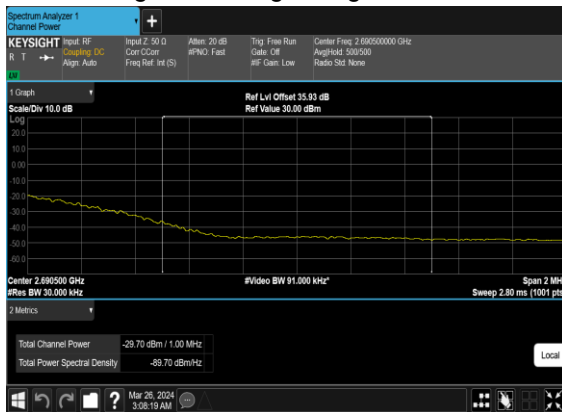
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH_ch
P_PASS



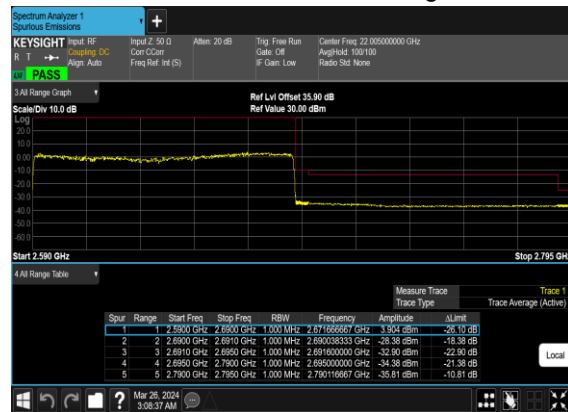
N41(100M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH



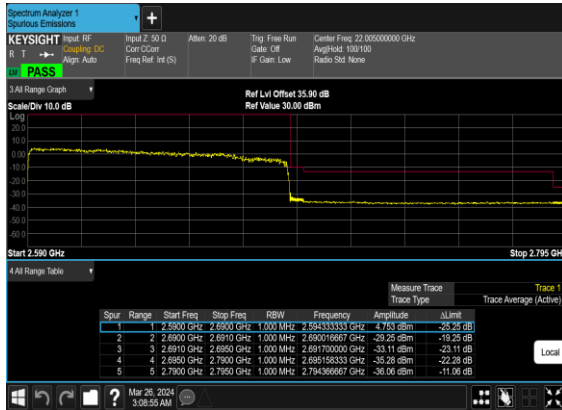
N41(100M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH_ch_P_PASS



N41(100M)_CP-OFDM_QPSK_Outer_Full_High_CH



N41(100M)_CP-OFDM_16 QAM_Outer_Full_High_CH



FR1 N41 MIMO-ANT(2+3)_ANT3_SCS30kHz

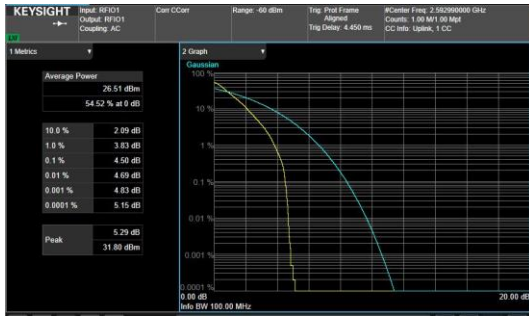
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00235	PASS	NV
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00196	PASS	LV
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00342	PASS	HV
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00247	PASS	-30°C
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00326	PASS	-20°C
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00268	PASS	-10°C
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00418	PASS	0°C
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00334	PASS	10°C
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	-0.00426	PASS	20°C
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00298	PASS	30°C
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	-0.00326	PASS	40°C
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00241	PASS	50°C

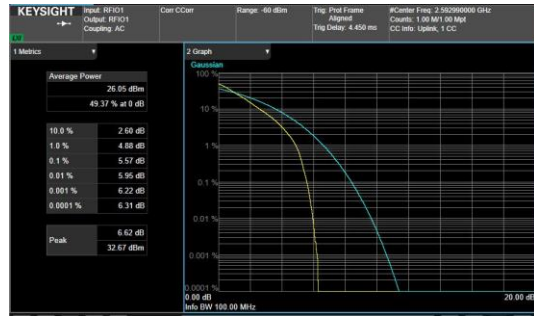
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	4.50	13	PASS
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	5.57	13	PASS
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	6.80	13	PASS
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@0	6.38	13	PASS

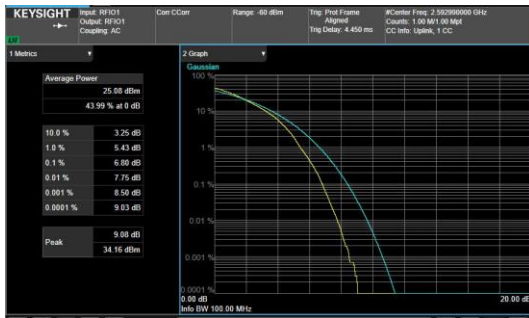
N41(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



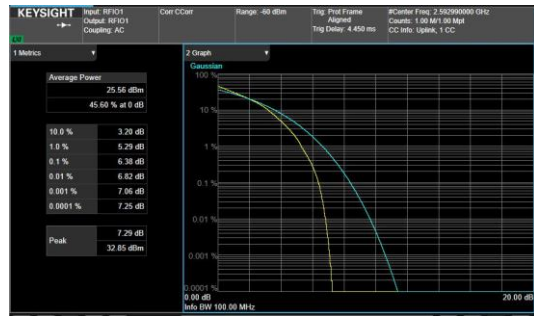
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



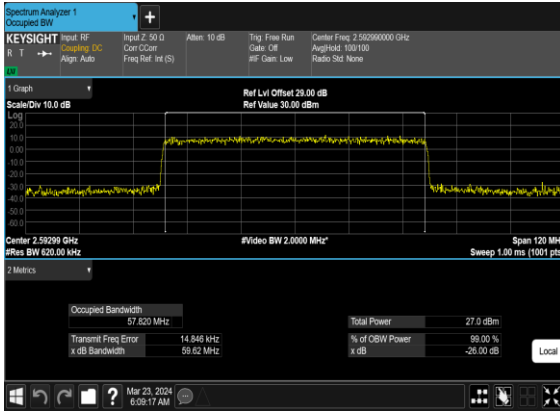
N41(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



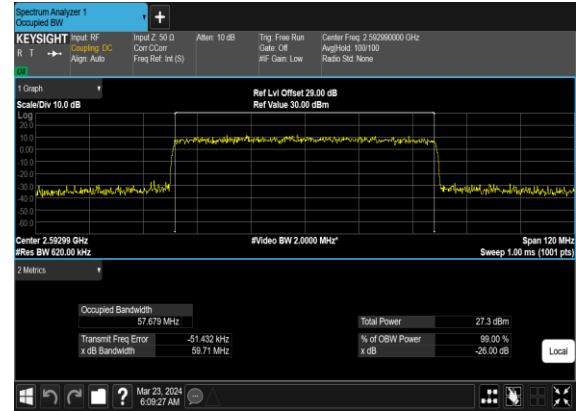
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.82	59.62
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.679	59.71
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.724	59.58
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.944	59.77
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.298	69.67
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.459	69.68
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.344	69.66
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.602	69.72
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.373	79.95
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.5	79.98
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.362	79.85
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.669	79.81
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.485	90.19
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.378	90.22
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.406	90.13
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.49	90.15
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.476	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.335	100.4
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.168	100.4
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.325	100.5

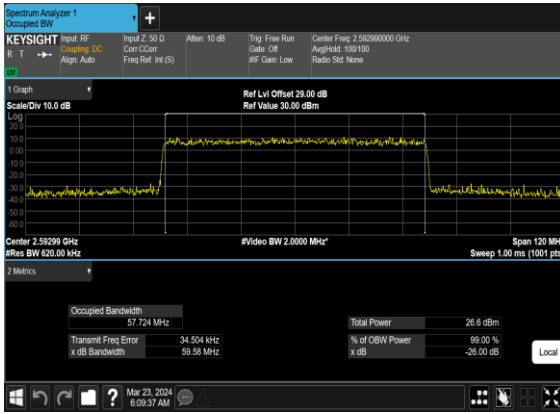
N41(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



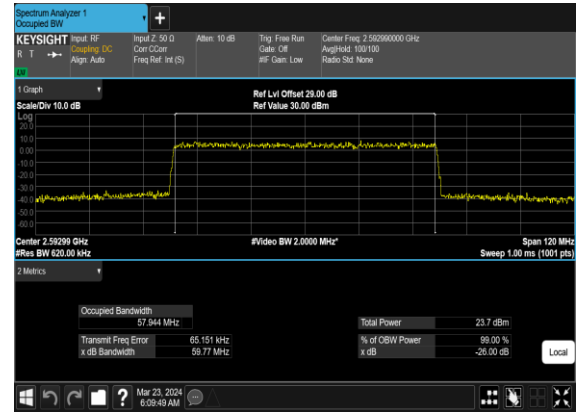
N41(60M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



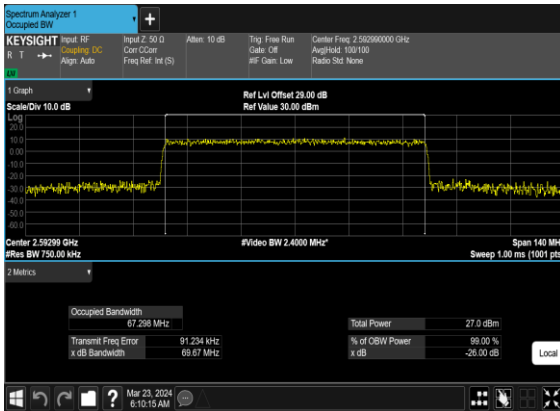
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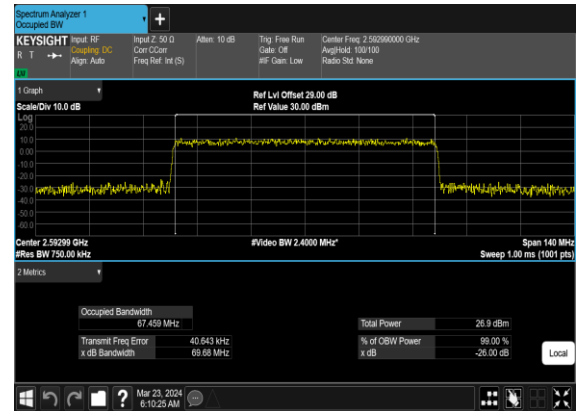
N41(60M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



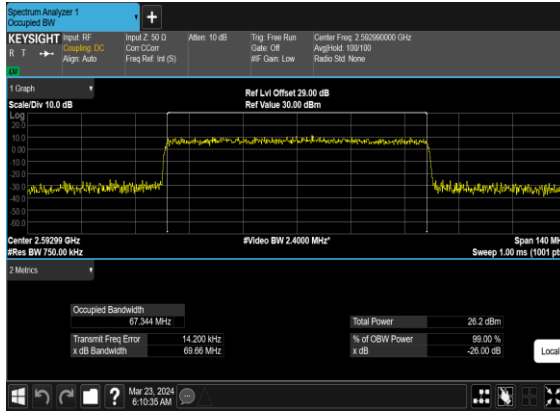
N41(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



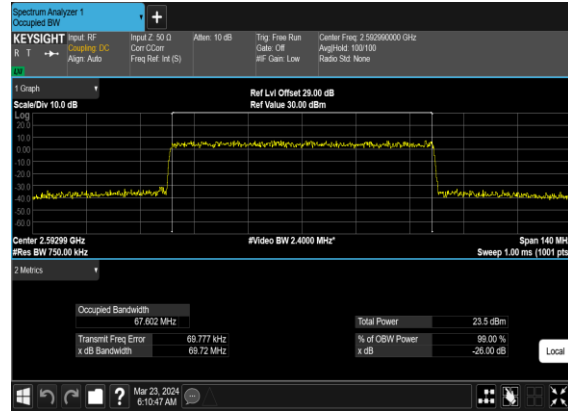
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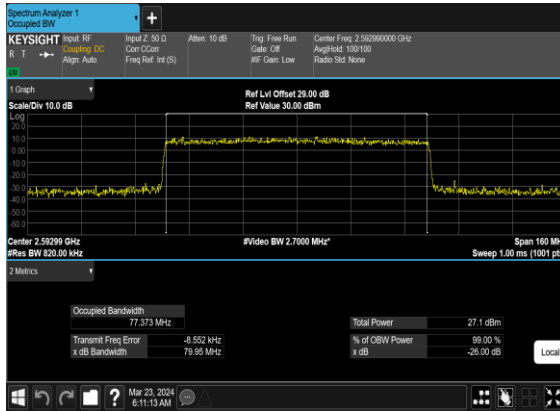
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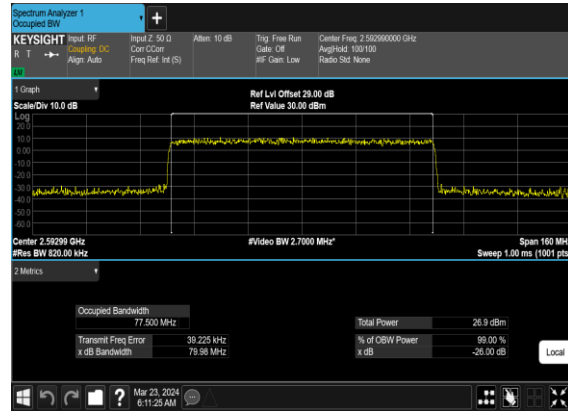
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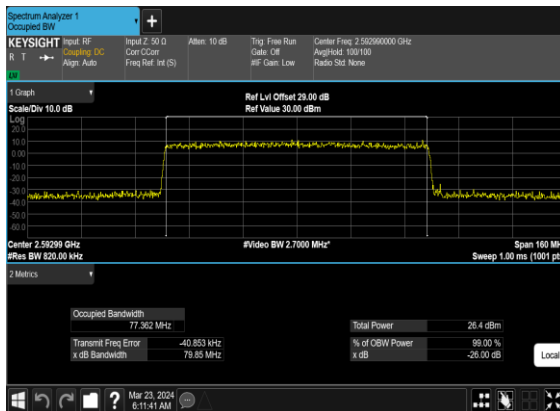
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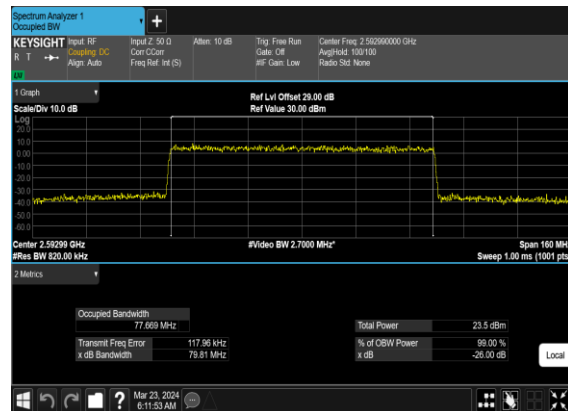
N41(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



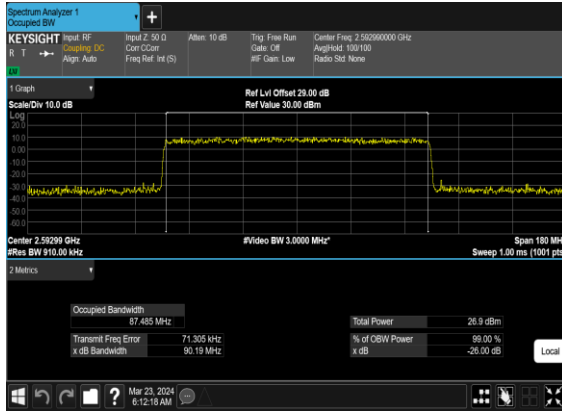
N41(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



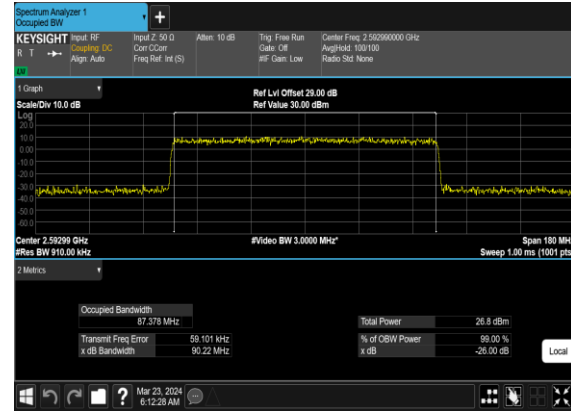
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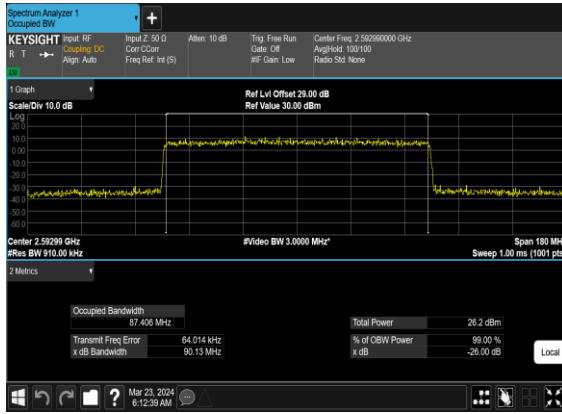
N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



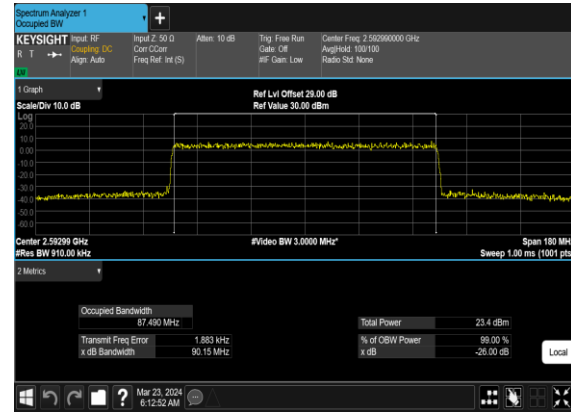
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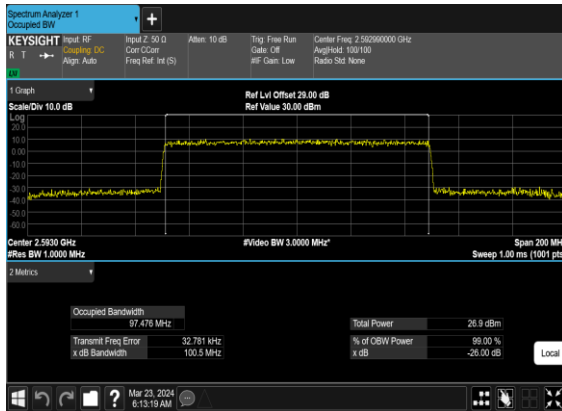
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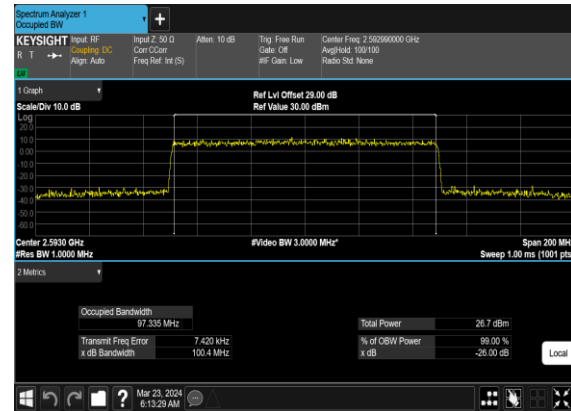
N41(90M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



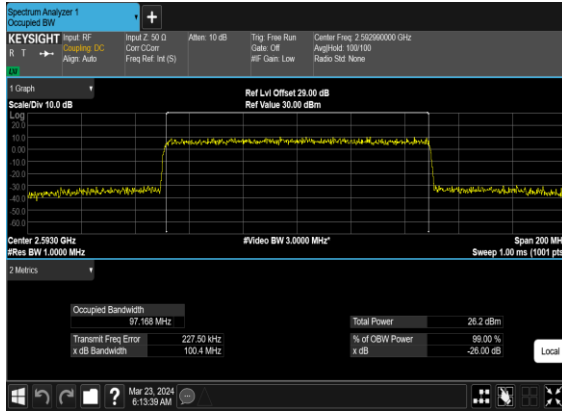
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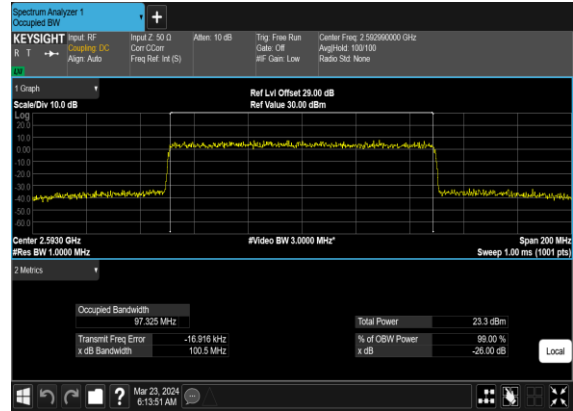
N41(100M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(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
41	30	60	505200	2526.0	CP-OFDM QPSK	1@0	see graph	---
41	30	60	505200	2526.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	CP-OFDM 16 QAM	1@0	see graph	---
41	30	60	505200	2526.0	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	60	505200	2526.0	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	60	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	60	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	60	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	60	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	---
41	30	60	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	60	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	60	531996	2659.98	CP-OFDM QPSK	1@0	see graph	---
41	30	60	531996	2659.98	CP-OFDM QPSK	1@0	see graph	PASS
41	30	60	531996	2659.98	CP-OFDM QPSK	1@0	see graph	PASS
41	30	60	531996	2659.98	CP-OFDM 16 QAM	1@0	see graph	---
41	30	60	531996	2659.98	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	60	531996	2659.98	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	80	507204	2536.02	CP-OFDM QPSK	1@0	see graph	---
41	30	80	507204	2536.02	CP-OFDM QPSK	1@0	see graph	PASS
41	30	80	507204	2536.02	CP-OFDM QPSK	1@0	see graph	PASS
41	30	80	507204	2536.02	CP-OFDM 16 QAM	1@0	see graph	---
41	30	80	507204	2536.02	CP-OFDM 16 QAM	1@0	see graph	PASS

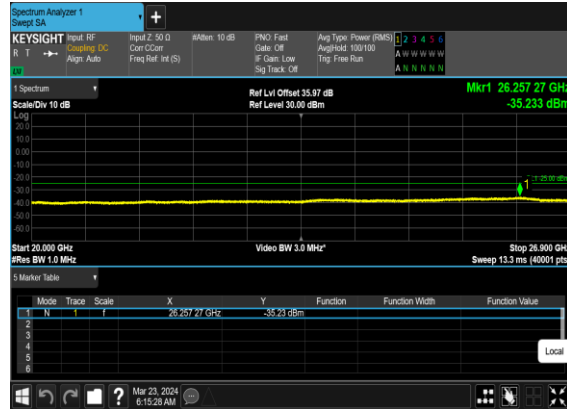
41	30	80	507204	2536.02	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	80	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	80	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	80	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	80	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	---
41	30	80	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	80	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	80	529998	2649.99	CP-OFDM QPSK	1@0	see graph	---
41	30	80	529998	2649.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	80	529998	2649.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	80	529998	2649.99	CP-OFDM 16 QAM	1@0	see graph	---
41	30	80	529998	2649.99	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	80	529998	2649.99	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	---
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@0	see graph	---
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	---
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	PASS

41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	---
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM 16 QAM	1@0	see graph	---
41	30	100	528000	2640.0	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM 16 QAM	1@0	see graph	PASS

N41(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



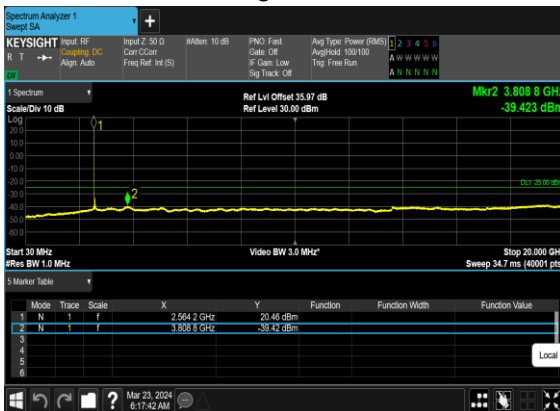
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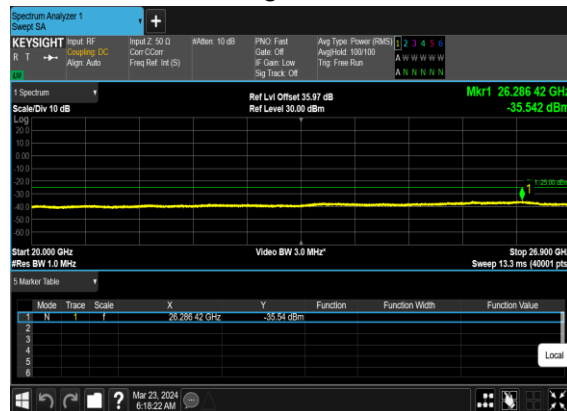
N41(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



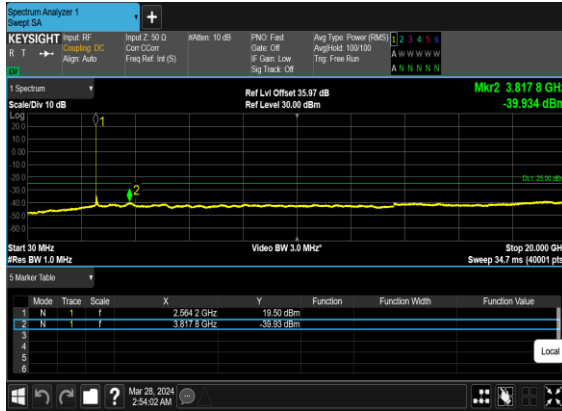
N41(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



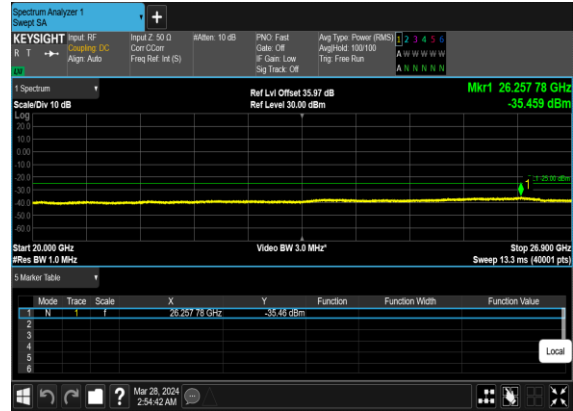
N41(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



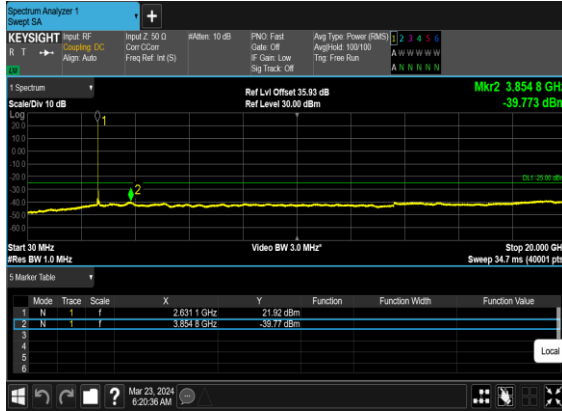
N41(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



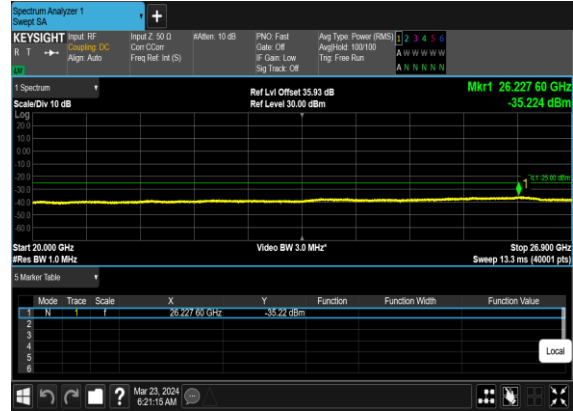
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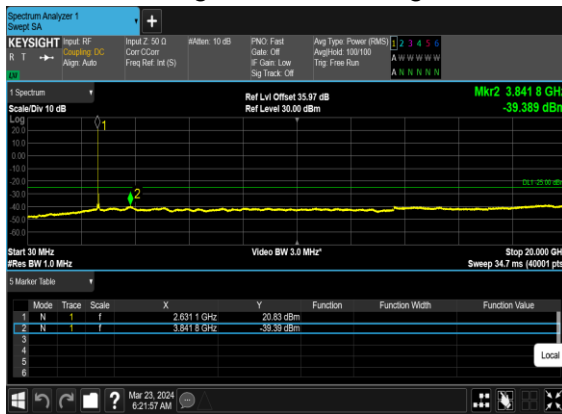
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



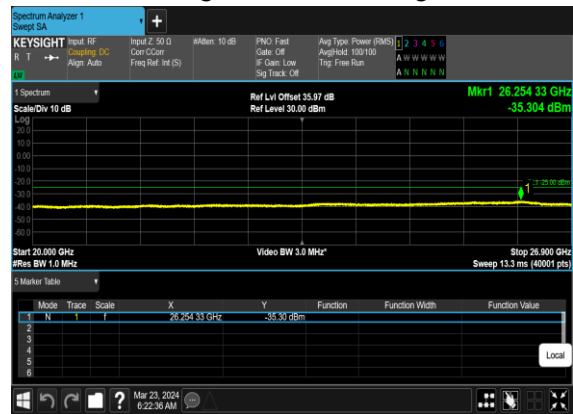
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



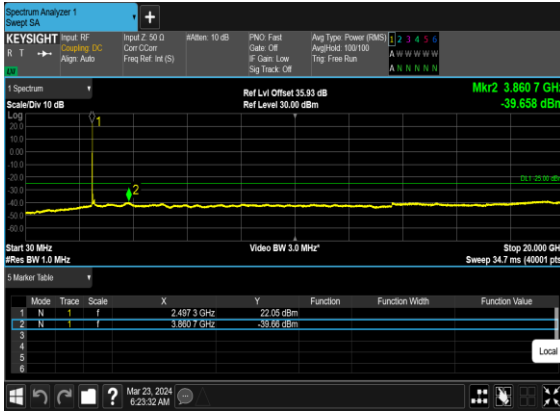
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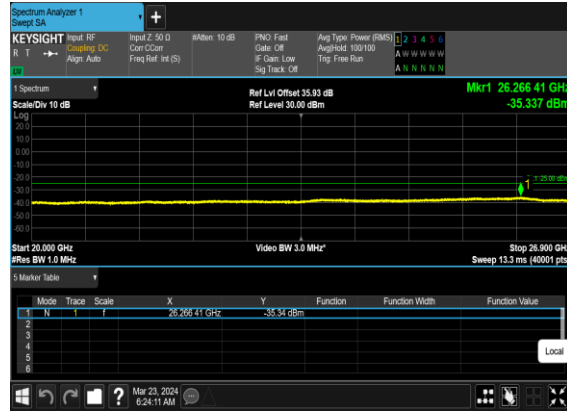
N41(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



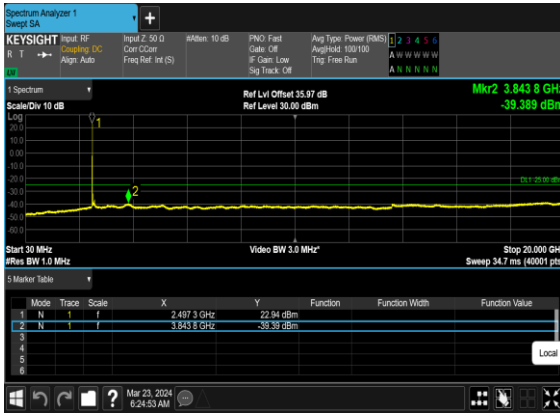
N41(80M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



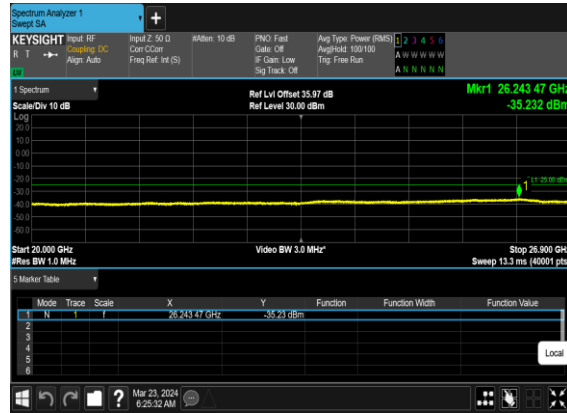
N41(80M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



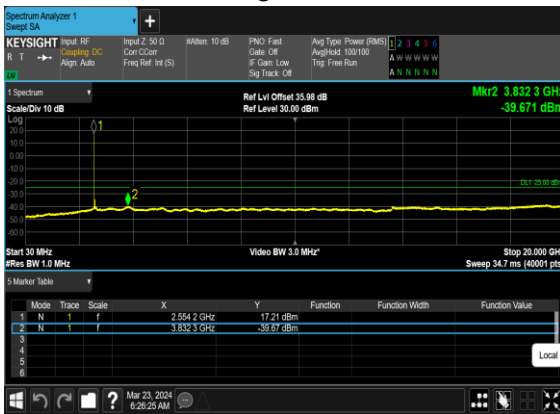
N41(80M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



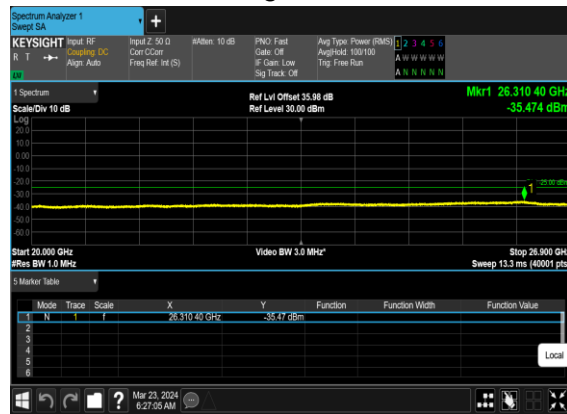
N41(80M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



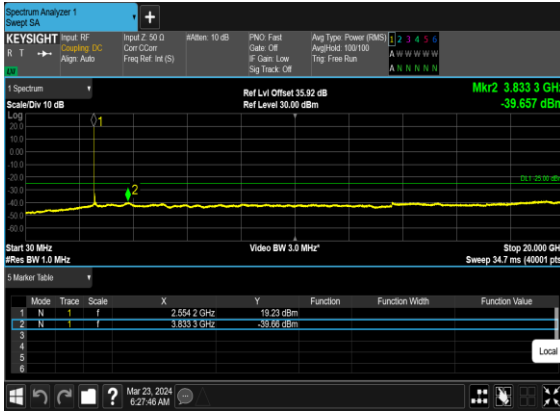
N41(80M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



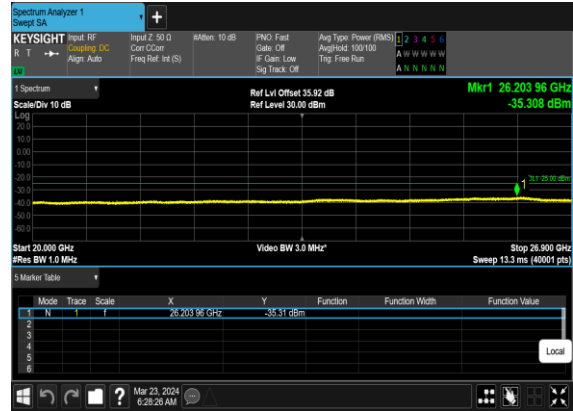
N41(80M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(80M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



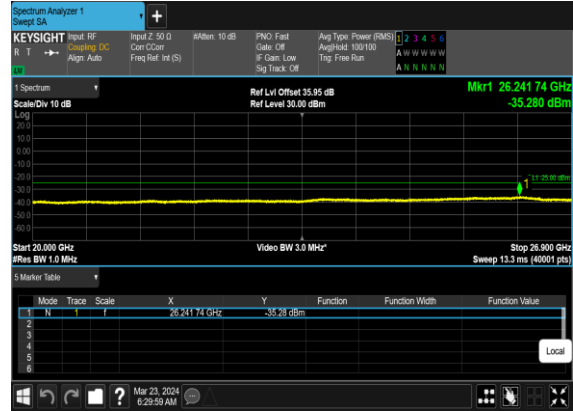
N41(80M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



N41(80M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



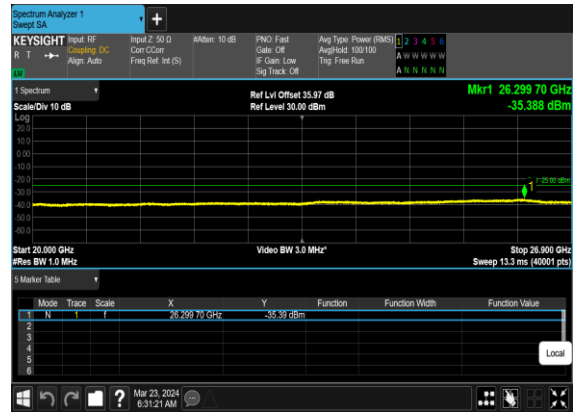
N41(80M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



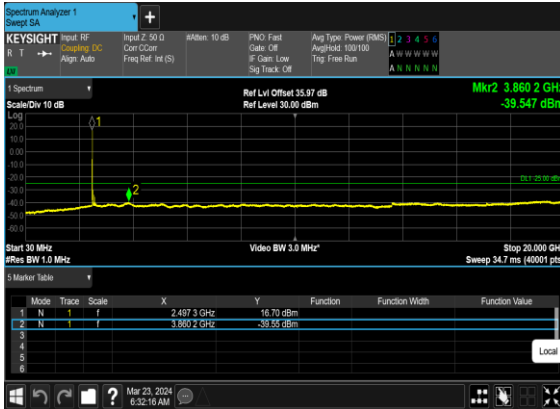
N41(80M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



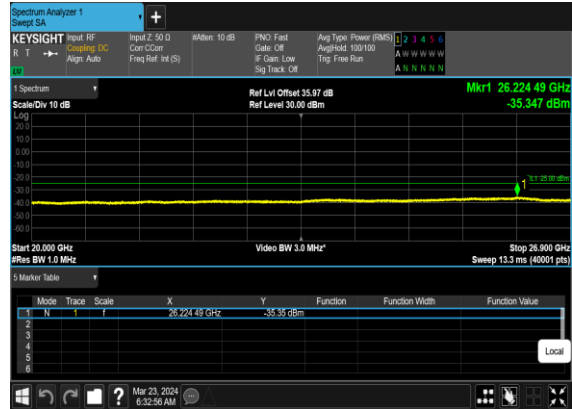
N41(80M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



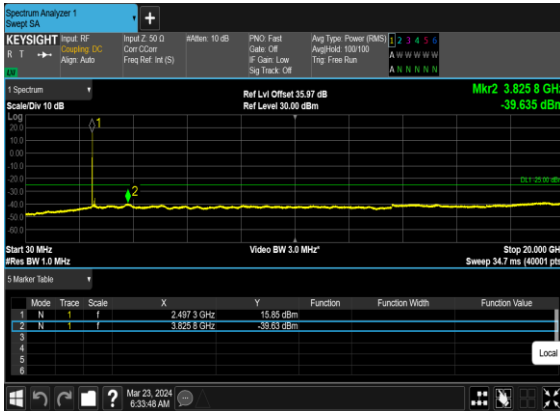
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



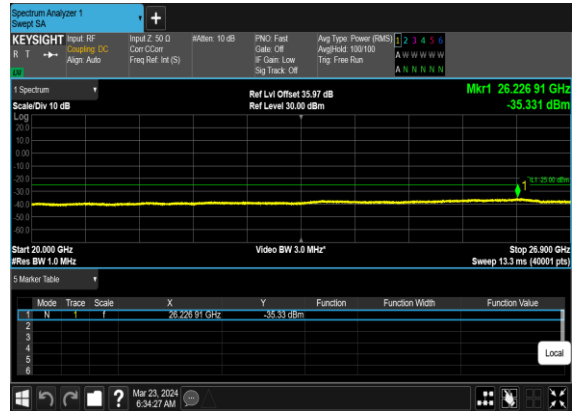
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



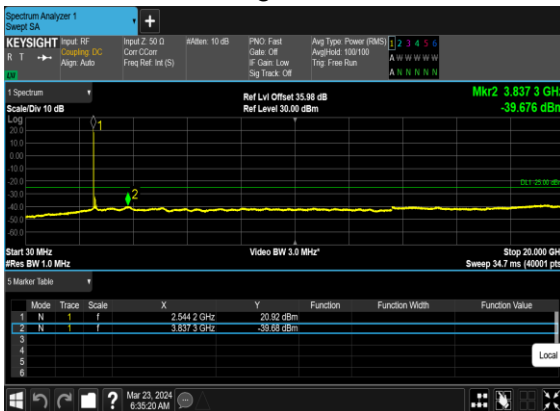
N41(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



N41(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

