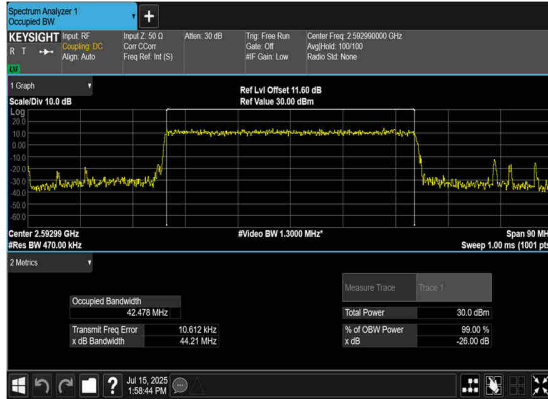
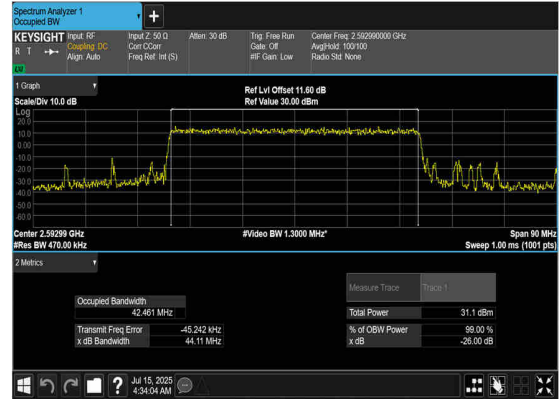




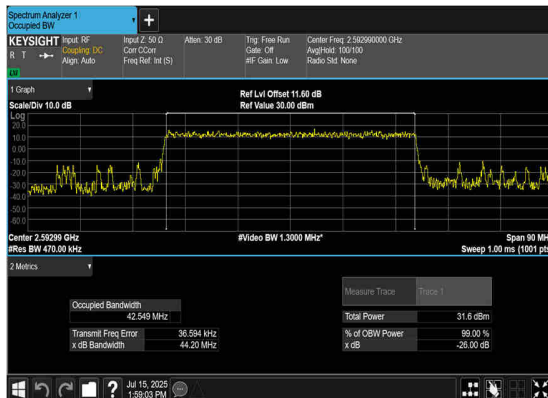
N41(45M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



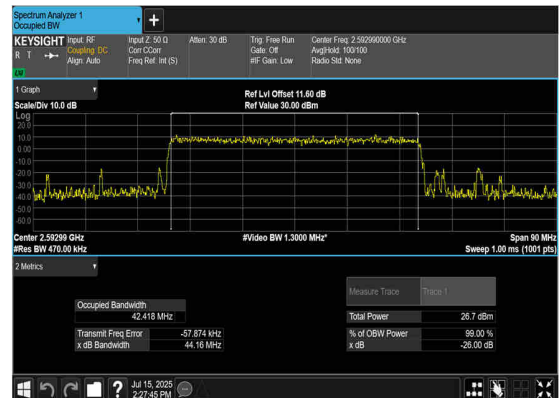
N41(45M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(45M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

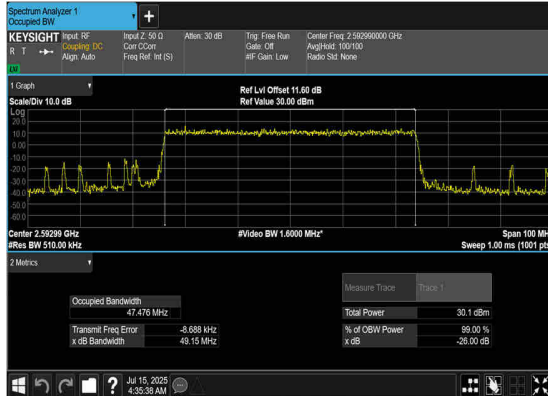


N41(45M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

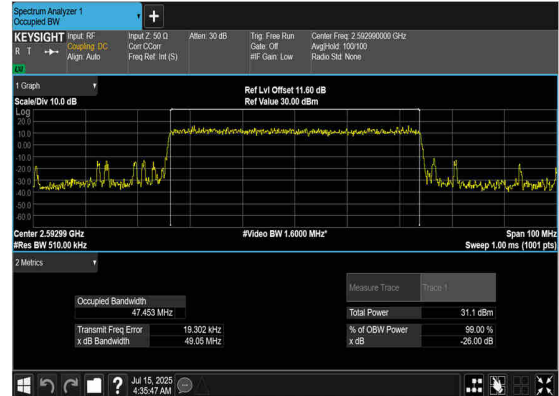




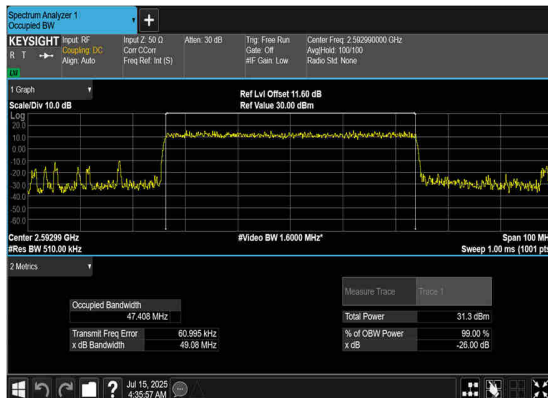
N41(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



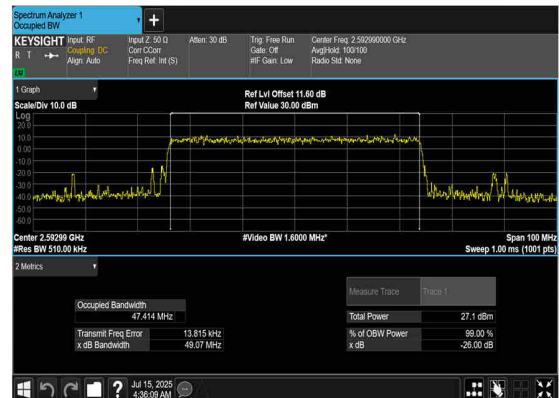
N41(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

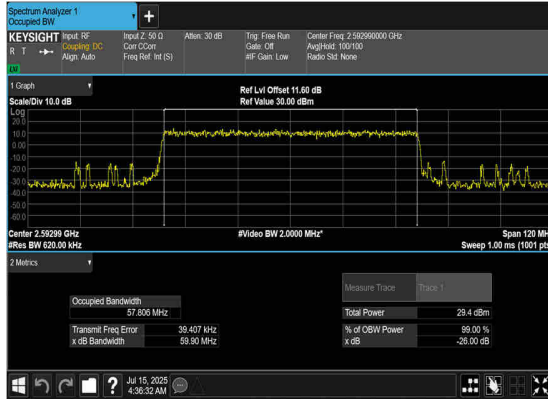


N41(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

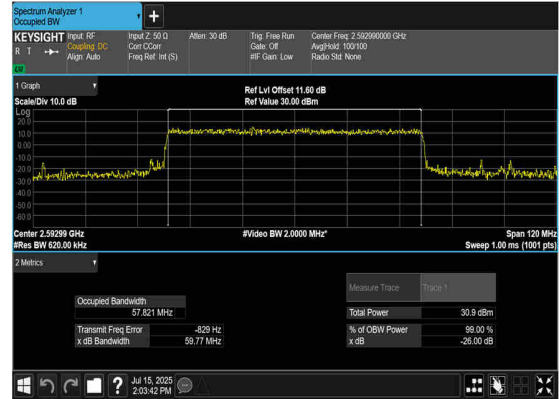




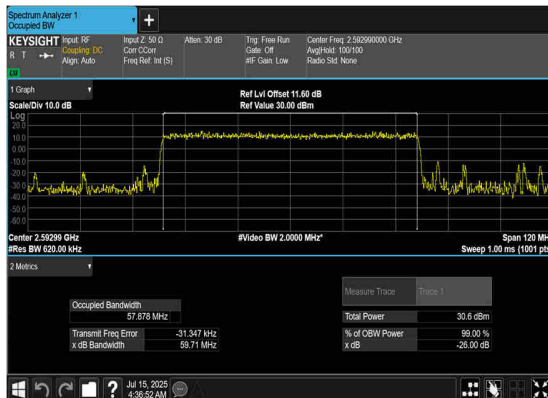
N41(60M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



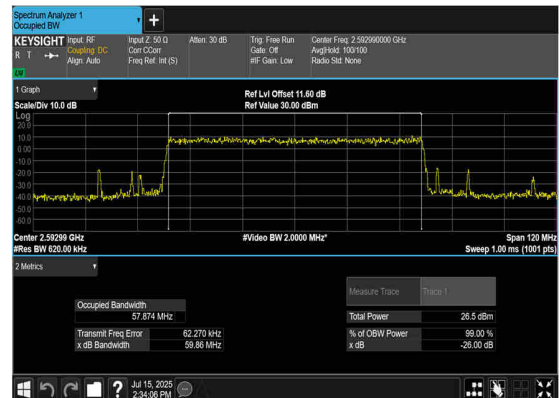
N41(60M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(60M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

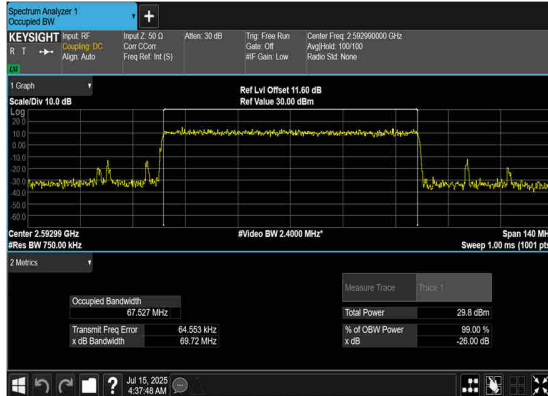


N41(60M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

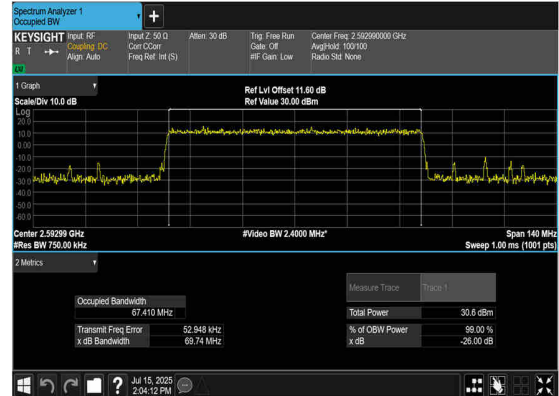




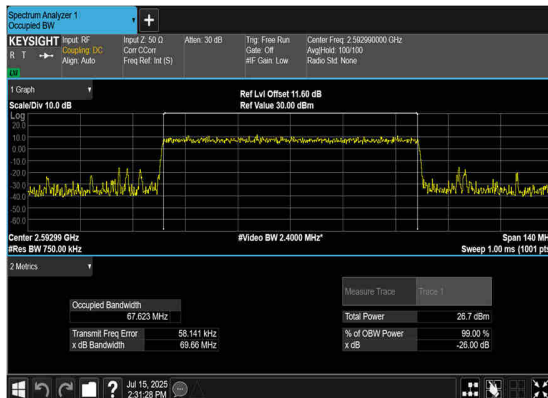
N41(70M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



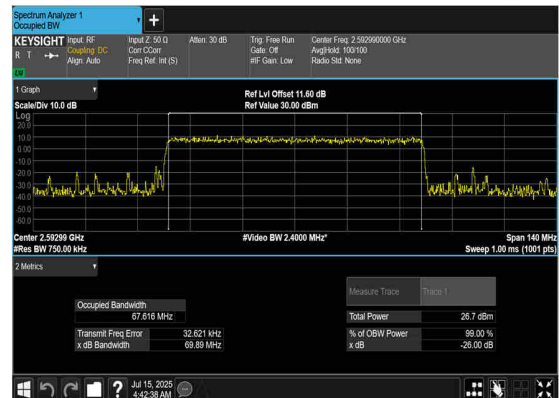
N41(70M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

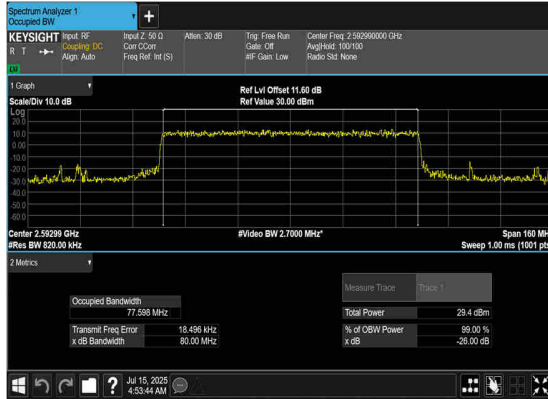


N41(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

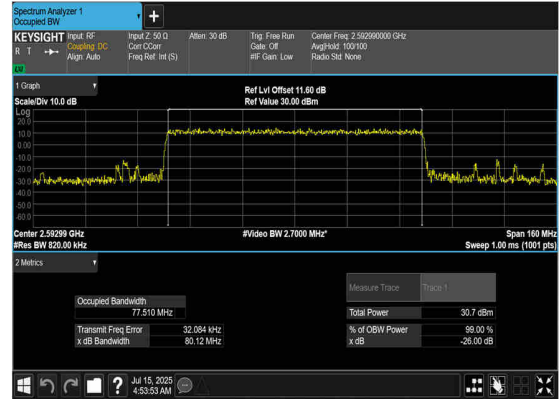




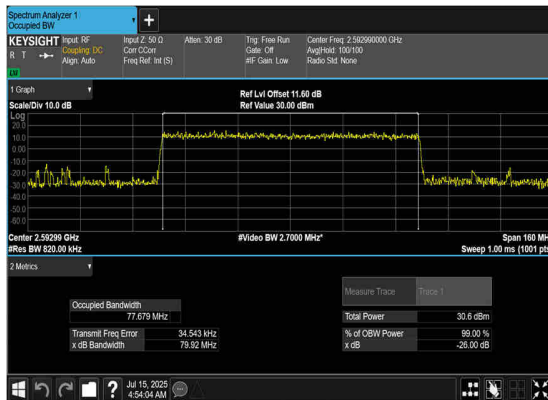
N41(80M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



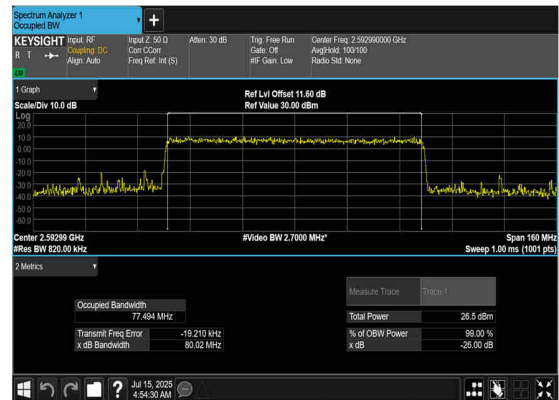
N41(80M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

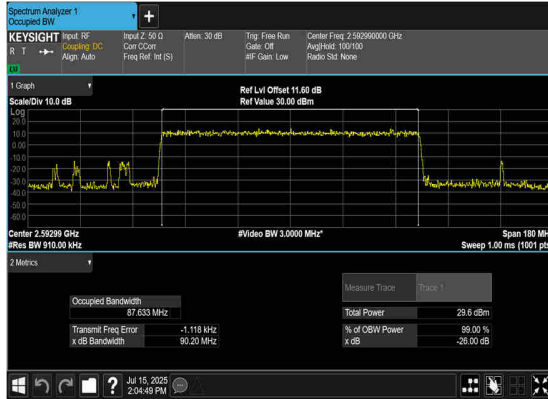


N41(80M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

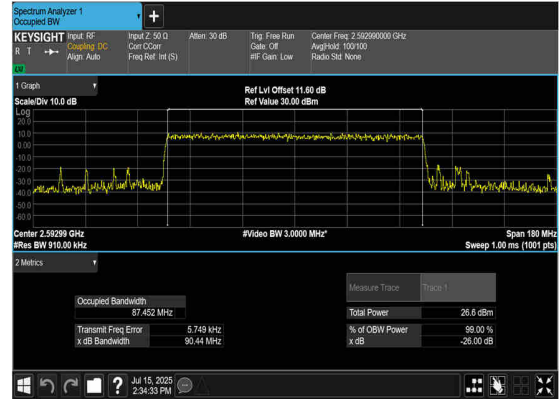




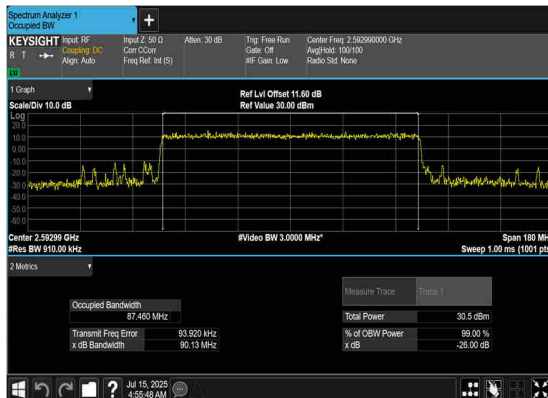
N41(90M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



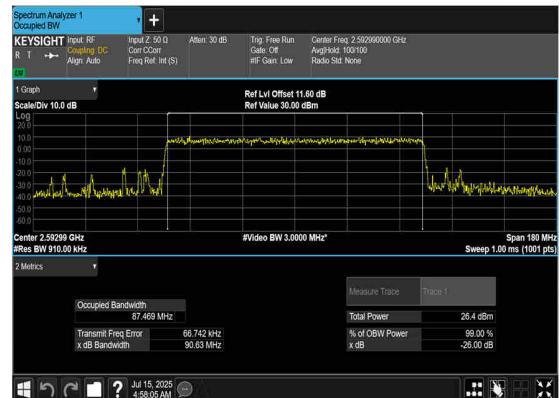
N41(90M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

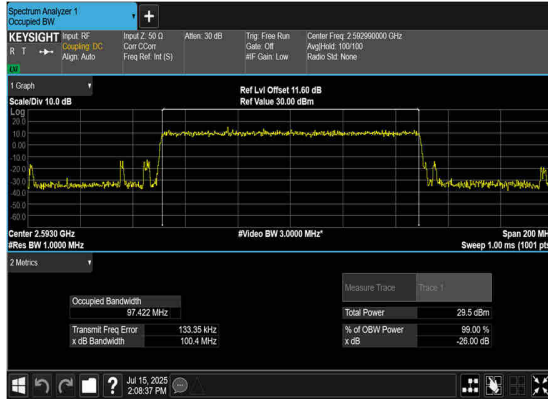


N41(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

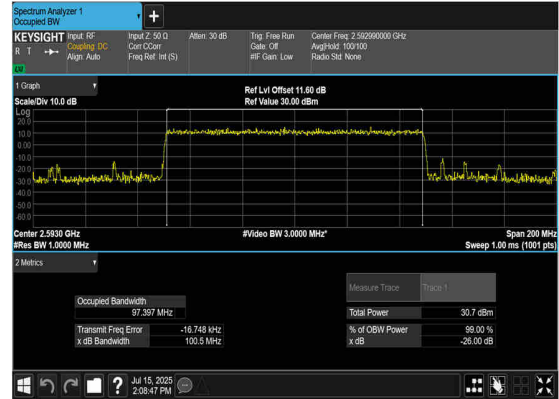




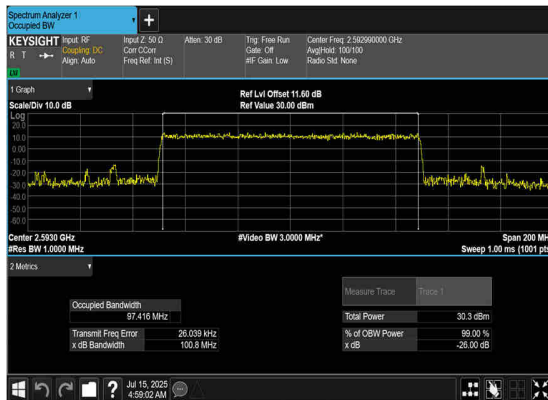
N41(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



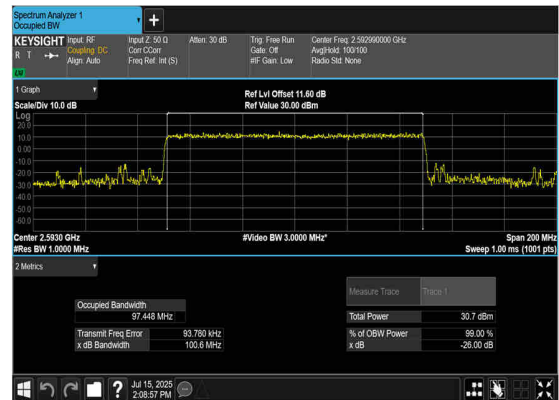
N41(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

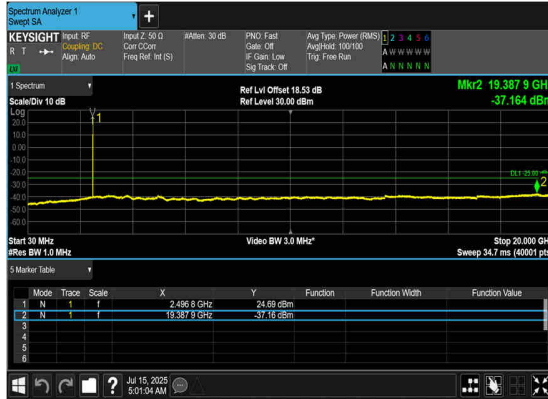
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	---
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	---
41	30	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	40	503202	2516.01	CP-OFDM QPSK	1@0	see graph	---
41	30	40	503202	2516.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	40	503202	2516.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	40	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	40	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	40	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	40	534000	2670.0	CP-OFDM QPSK	1@0	see graph	---
41	30	40	534000	2670.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	40	534000	2670.0	CP-OFDM QPSK	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



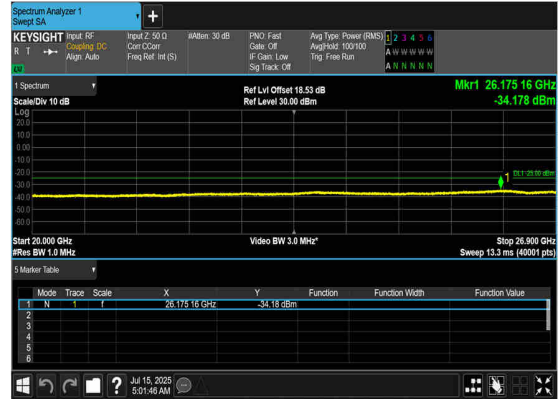
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	---
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	PASS



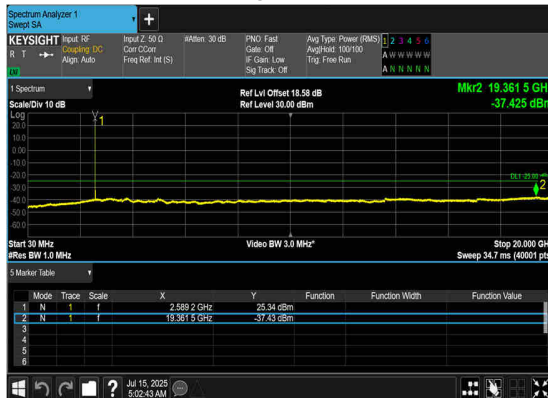
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



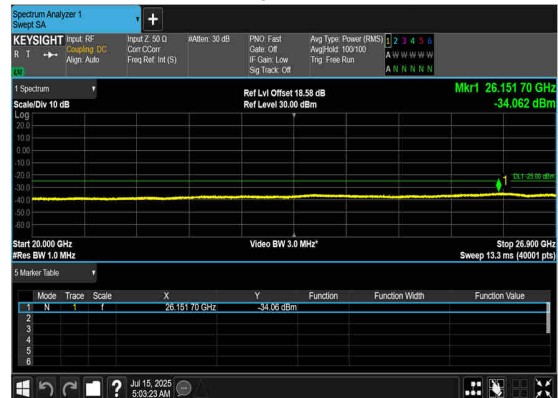
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

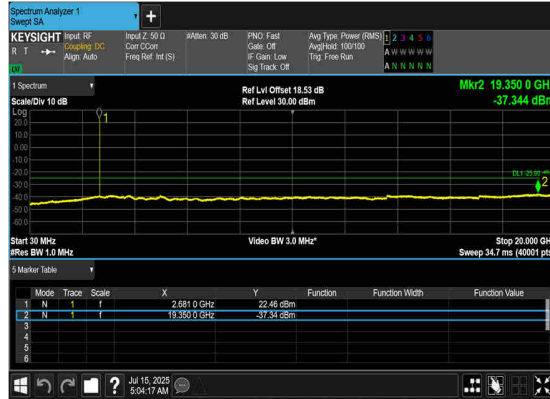


N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

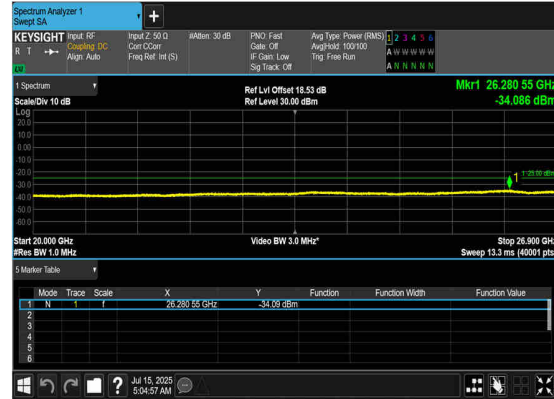




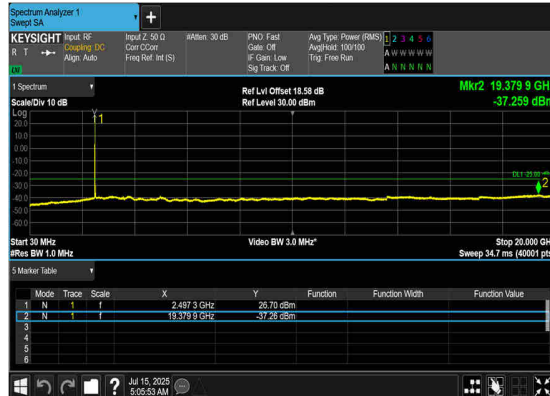
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



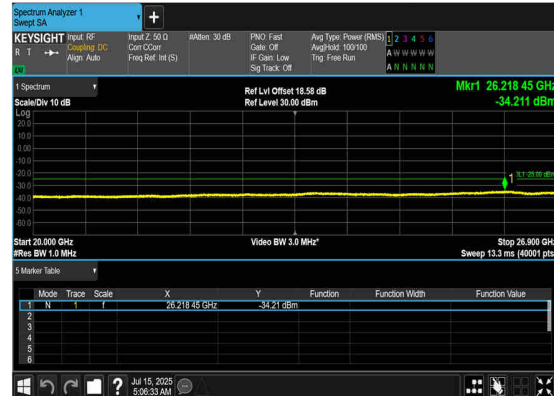
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH

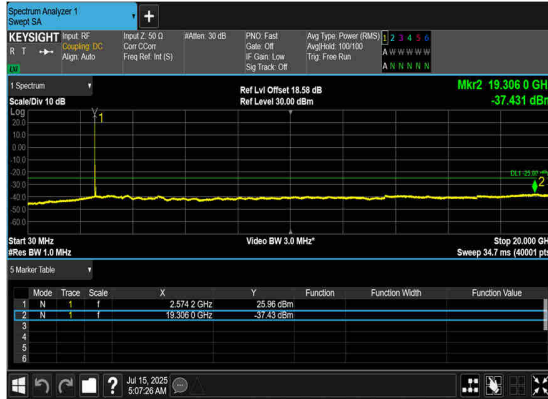


N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH

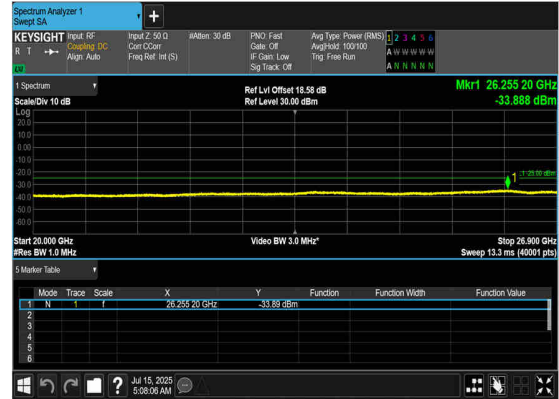




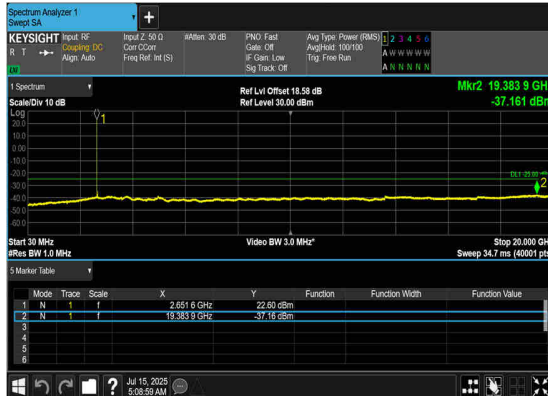
N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



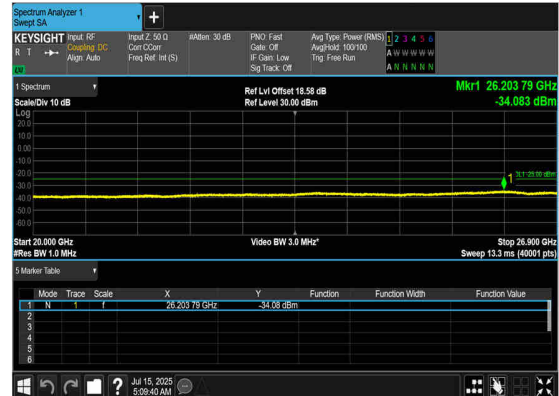
N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

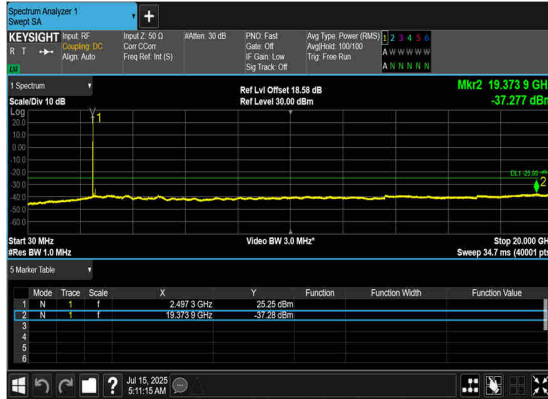


N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

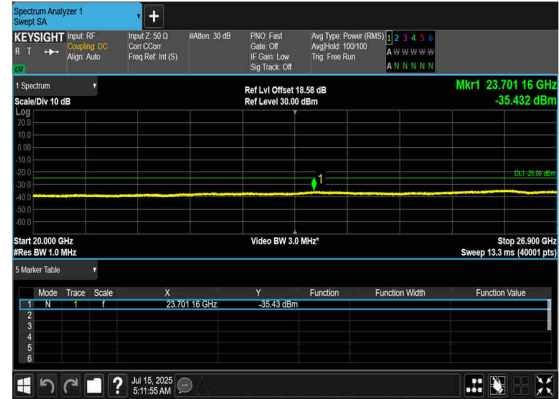




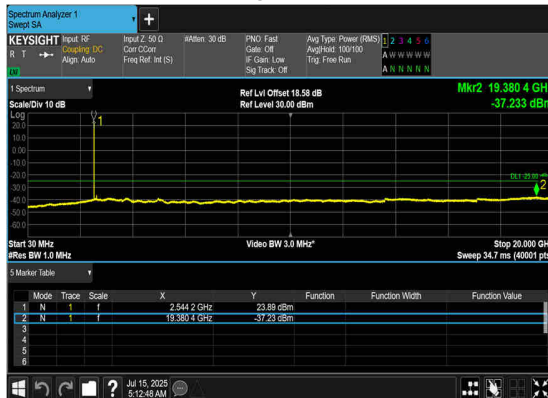
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



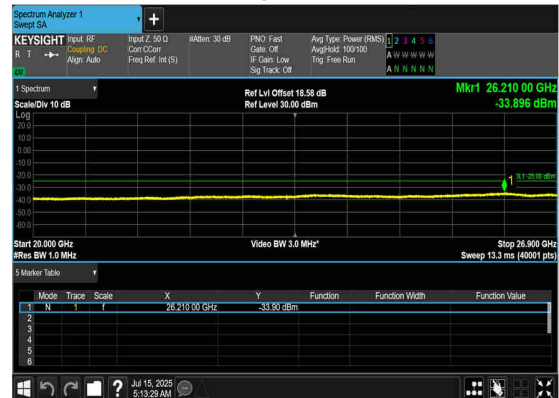
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

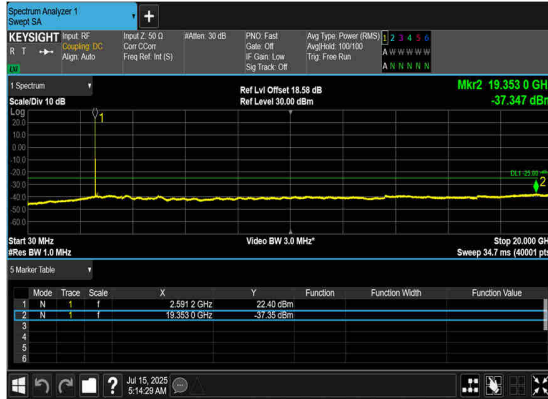


N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

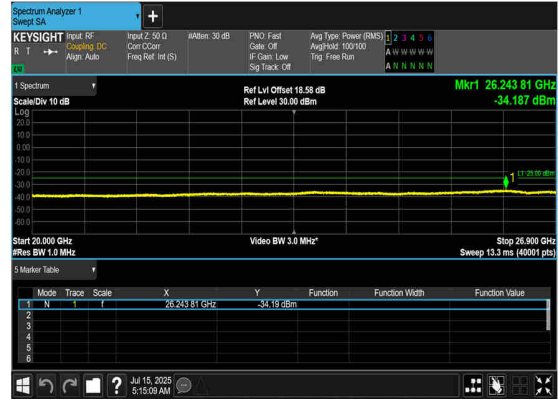




N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



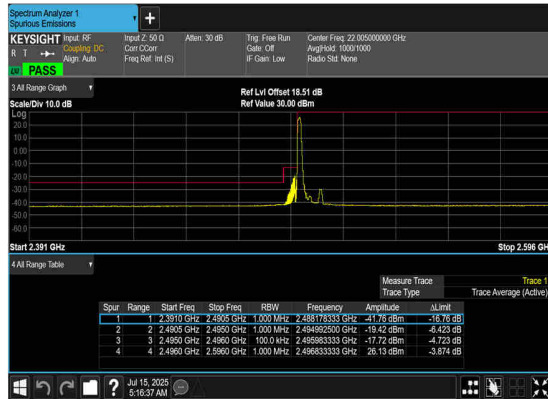


Conducted Band Edge

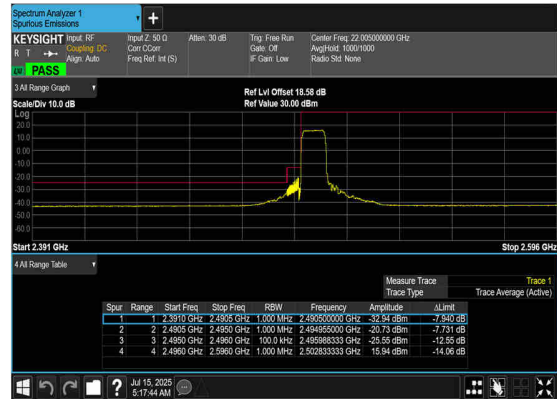
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	CP-OFDM QPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	24@0	see graph	PASS
41	30	40	503202	2516.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	40	503202	2516.01	CP-OFDM QPSK	106@0	see graph	PASS
41	30	40	534000	2670.0	CP-OFDM QPSK	1@105	see graph	PASS
41	30	40	534000	2670.0	CP-OFDM QPSK	106@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 QPSK	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 QPSK	273@0	see graph	PASS



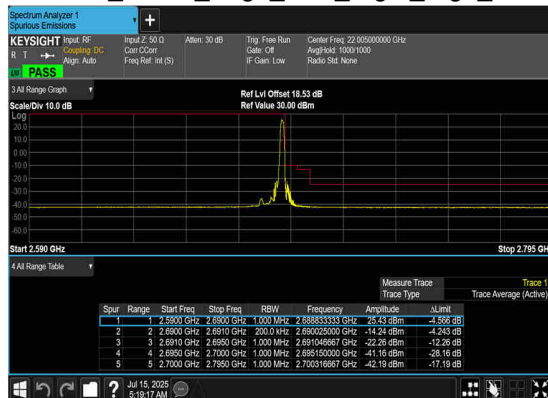
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



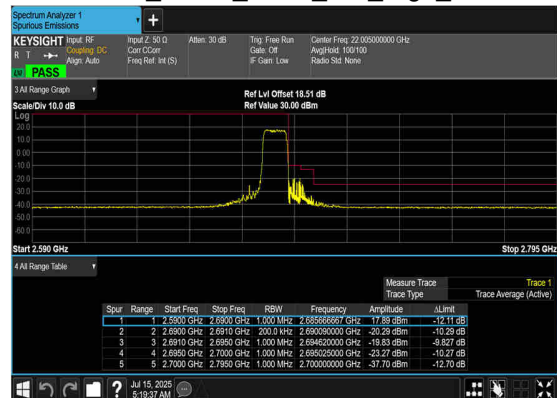
N41(10M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH

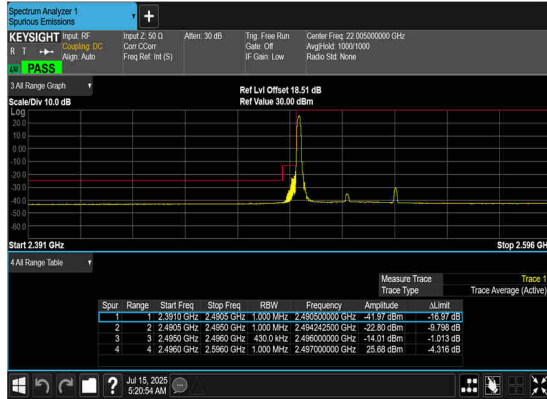


N41(10M)_CP-
OFDM_QPSK_Outer_Full_High_CH





N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



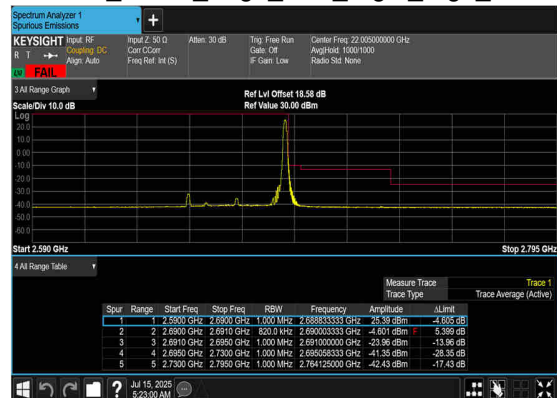
N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH_chp
_PASS



N41(40M)_CP-
OFDM_QPSK_Outer_Full_Low_CH

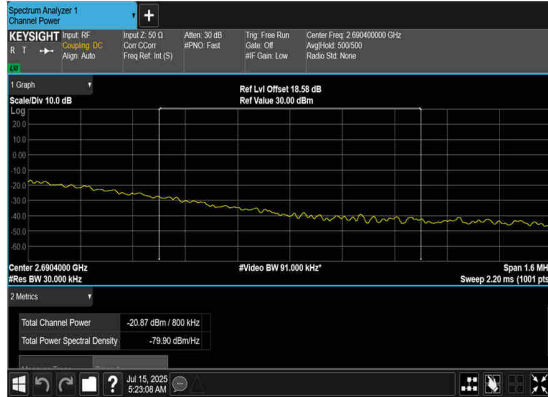


N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH

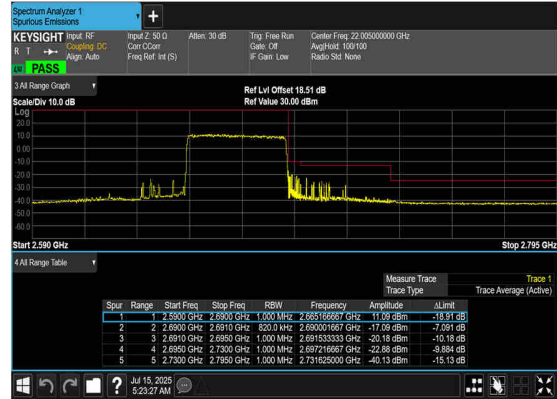




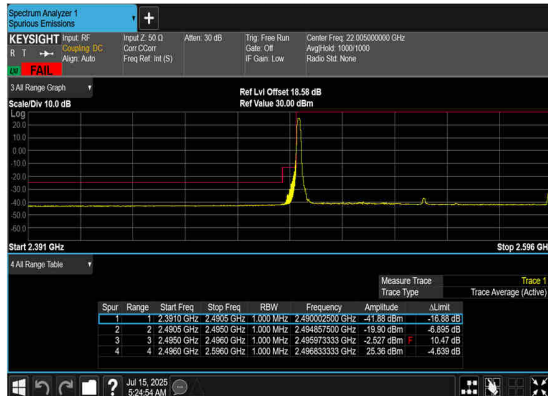
N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH_chp
_PASS



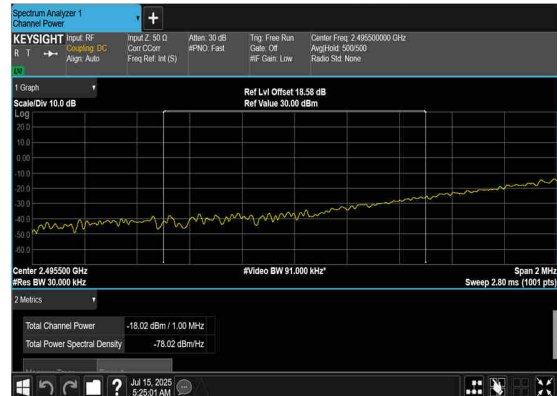
N41(40M)_CP-
OFDM_QPSK_Outer_Full_High_CH



N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH

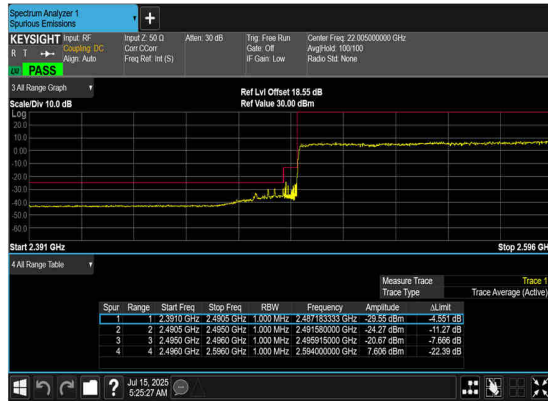


N41(100M)_CP-OFDM_QPSK
_Edge_1RB_Left_Low_CH_chp_PASS

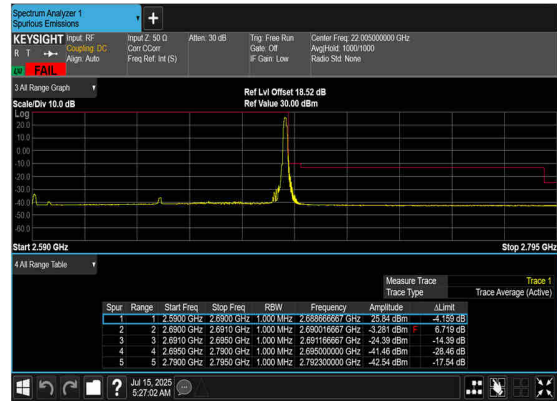




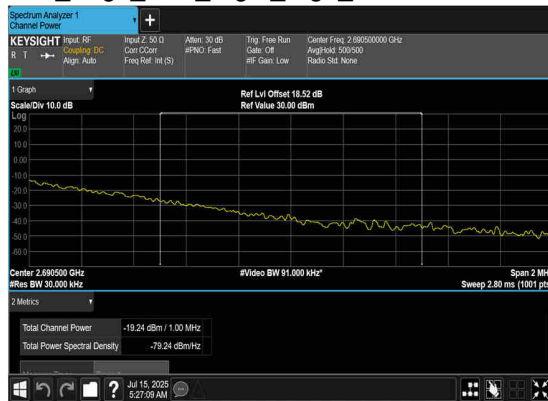
N41(100M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



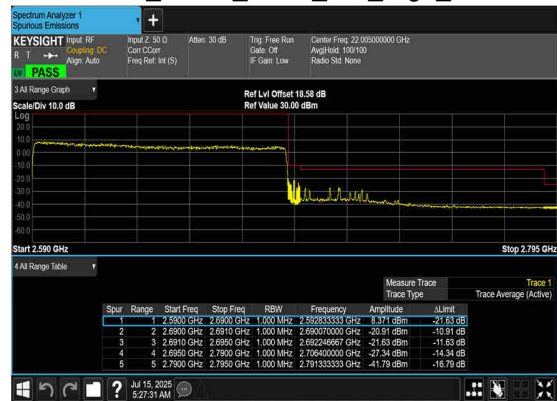
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



N41(100M)_CP-OFDM_QPSK
_Edge_1RB_Right_High_CH_CHP_PASS



N41(100M)_CP-
OFDM_QPSK_Outer_Full_High_CH





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Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	12.6	PASS	NV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	11.2	PASS	LV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	12	PASS	HV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	12.5	PASS	-30°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	13.3	PASS	-20°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	14.3	PASS	-10°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	13.5	PASS	0°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	17.1	PASS	10°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	12.6	PASS	20°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.9	PASS	30°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	10.9	PASS	40°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	16.9	PASS	50°C

|MAX(Δf)| = 18.9 Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
fL - MAX(Δf)	2496.909081	≥ 2496 MHz	PASS
fH + MAX(Δf)	2689.100919	≤ 2690 MHz	



Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	6.93	13	PASS

N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH





Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.5853	9.726
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5894	10.04
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5581	9.375
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.6003	9.57
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.584	14.94
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.556	14.66
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.603	14.48
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.549	14.92
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.169	19.56
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.194	19.56
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.306	19.44
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.247	19.46
41	30	25	518598	2592.99	CP-OFDM QPSK	65@0	23.195	24.23
41	30	25	518598	2592.99	CP-OFDM 16 QAM	65@0	23.089	24.86
41	30	25	518598	2592.99	CP-OFDM 64 QAM	65@0	23.242	24.4
41	30	25	518598	2592.99	CP-OFDM 256 QAM	65@0	23.206	24.41
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.901	29.79
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.846	29.59
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.917	29.34
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.853	29.2
41	30	35	518598	2592.99	CP-OFDM QPSK	92@0	32.749	34.22
41	30	35	518598	2592.99	CP-OFDM 16 QAM	92@0	32.868	34.02



41	30	35	518598	2592.99	CP-OFDM 64 QAM	92@0	32.826	34.39
41	30	35	518598	2592.99	CP-OFDM 256 QAM	92@0	32.778	34.22
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.812	39.26
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.866	39.38
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.773	39.38
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.913	39.34
41	30	45	518598	2592.99	CP-OFDM QPSK	119@0	42.472	44.0
41	30	45	518598	2592.99	CP-OFDM 16 QAM	119@0	42.54	43.93
41	30	45	518598	2592.99	CP-OFDM 64 QAM	119@0	42.4	44.26
41	30	45	518598	2592.99	CP-OFDM 256 QAM	119@0	42.564	44.54
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.54	49.25
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.261	49.07
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.389	50.08
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.549	49.23
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.721	59.84
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.868	59.6
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.786	59.62
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.9	59.56
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.426	69.95
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.435	69.6
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.479	69.75
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.475	69.62
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.502	79.95
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.552	80.06
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.516	79.85



41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.588	79.98
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.596	90.4
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.325	90.32
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.38	90.18
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.296	90.16
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.263	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.708	100.6
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.555	100.5
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.534	100.7



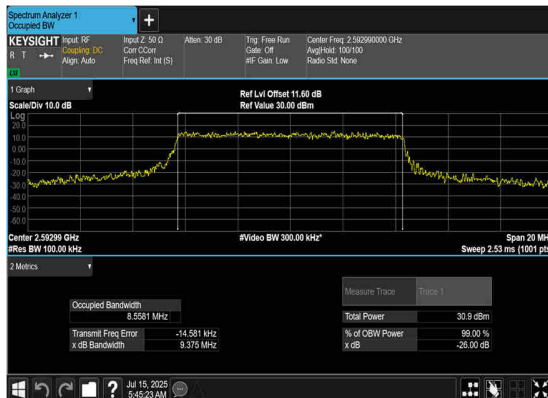
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QAM_Outer_Full_Mid_CH



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QAM_Outer_Full_Mid_CH

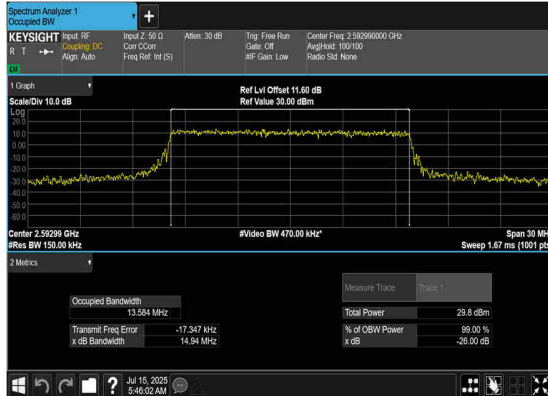


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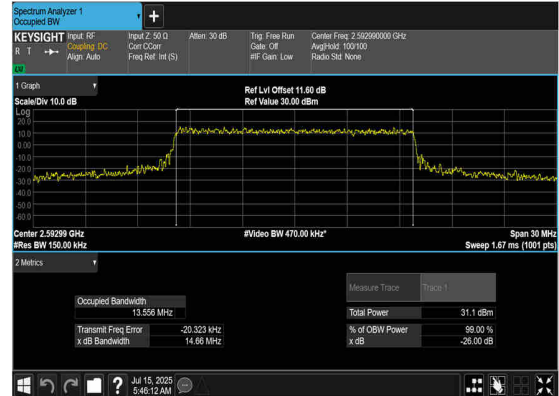




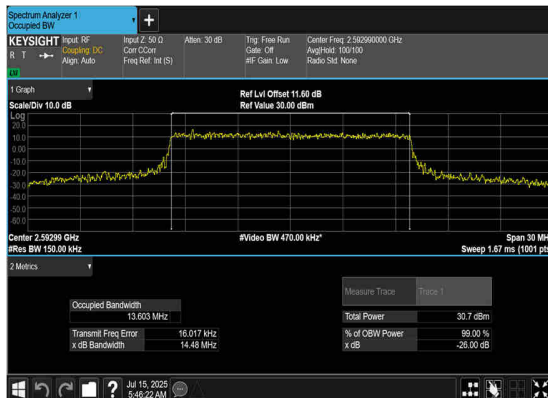
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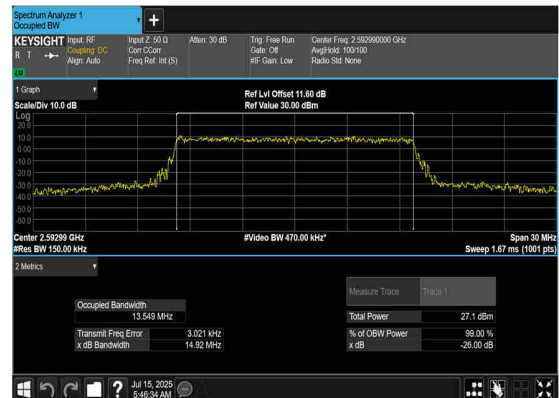
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QAM_Outer_Full_Mid_CH



N41(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

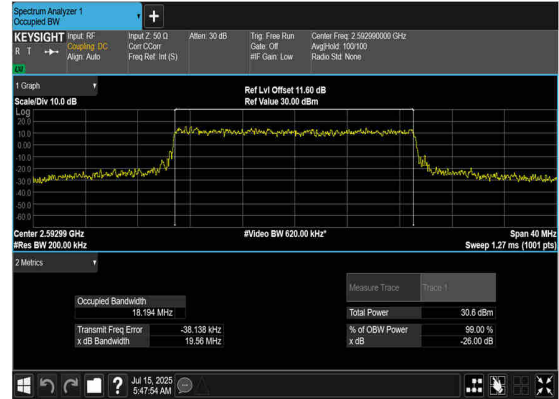




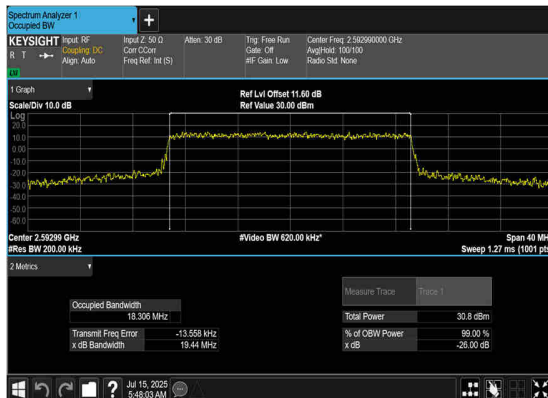
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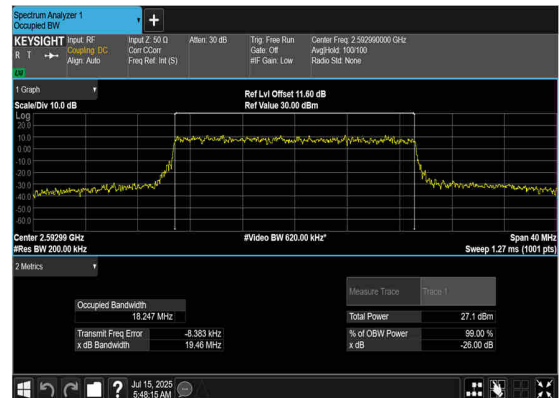
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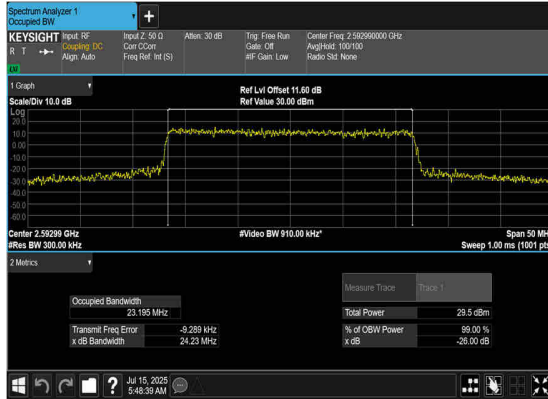


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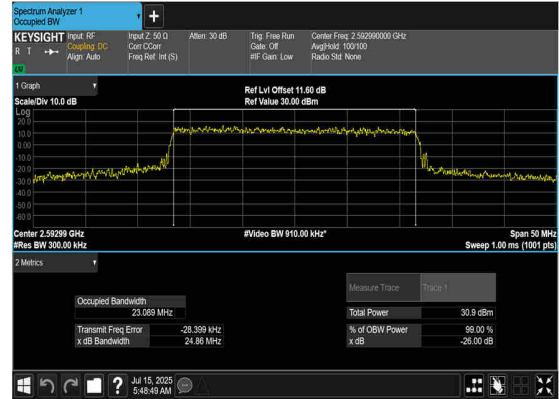




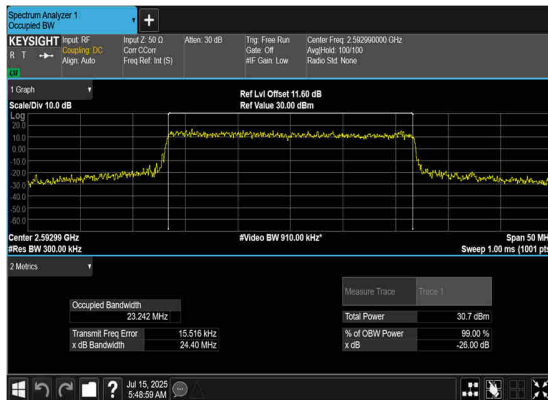
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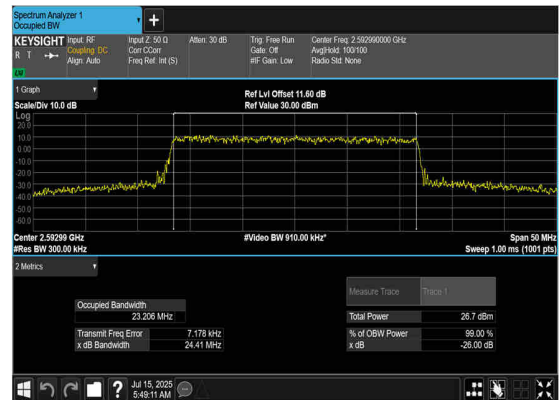
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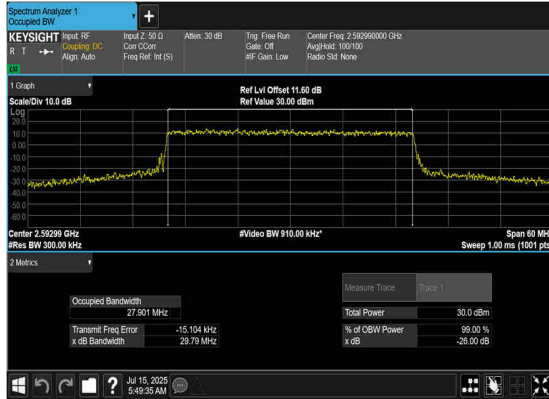


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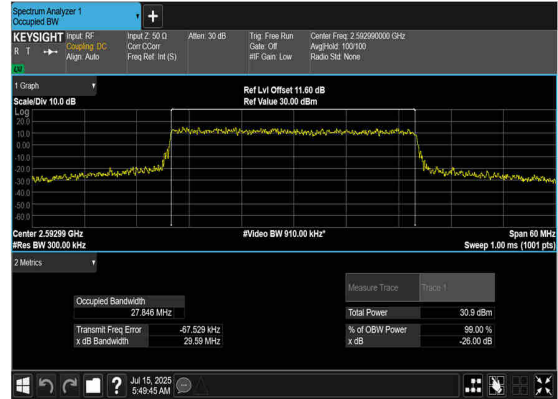




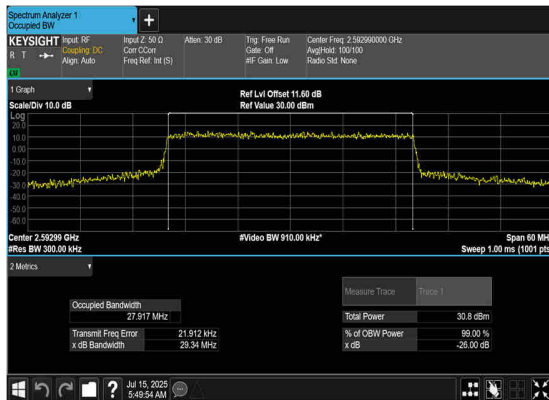
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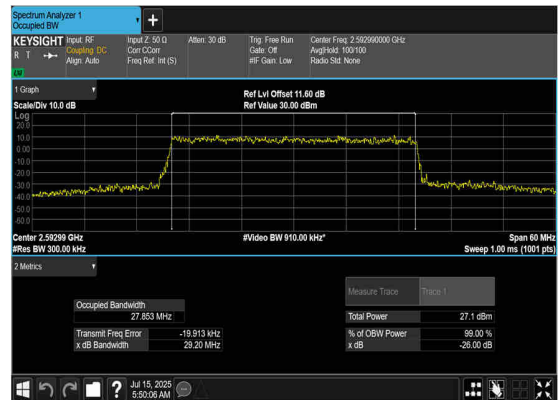
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QAM_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

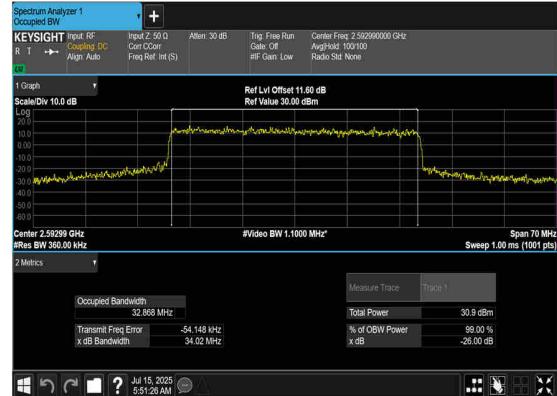




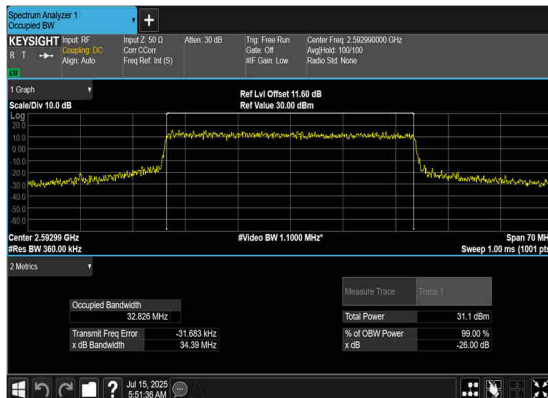
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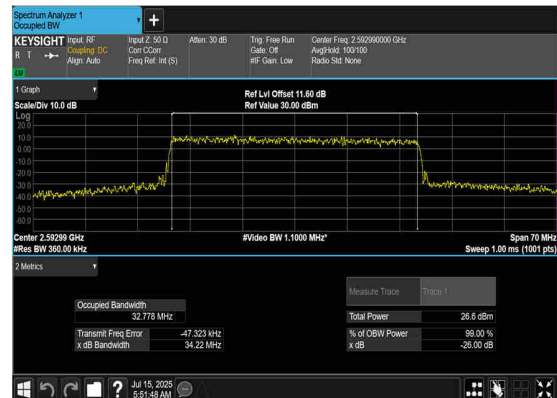
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QAM_Outer_Full_Mid_CH

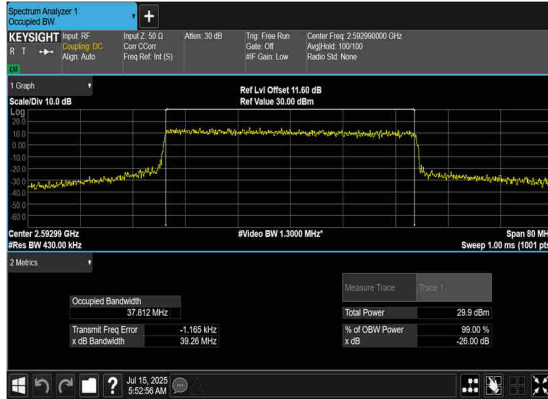


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QAM_Outer_Full_Mid_CH

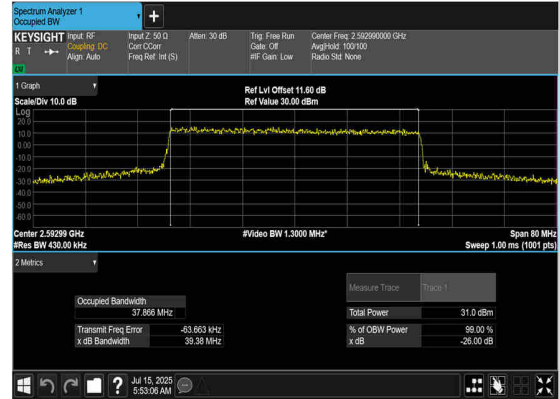




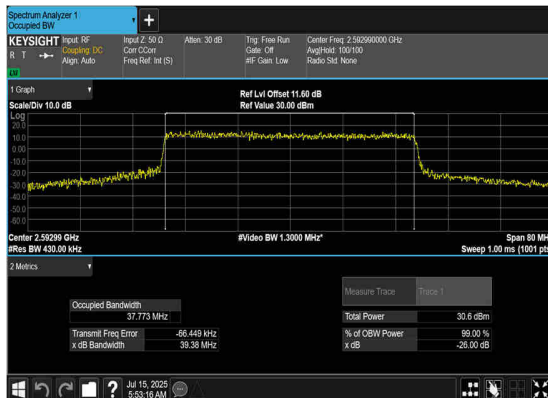
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OFDM_QPSK_Outer_Full_Mid_CH



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QAM_Outer_Full_Mid_CH

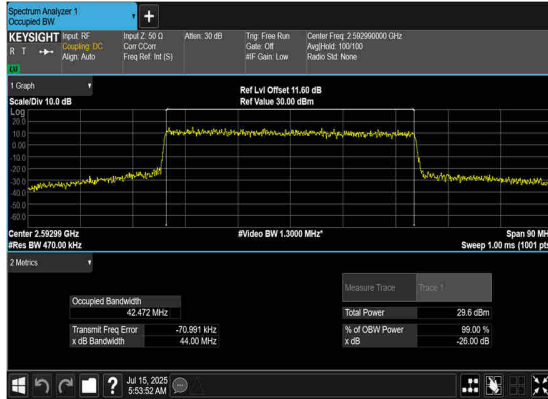


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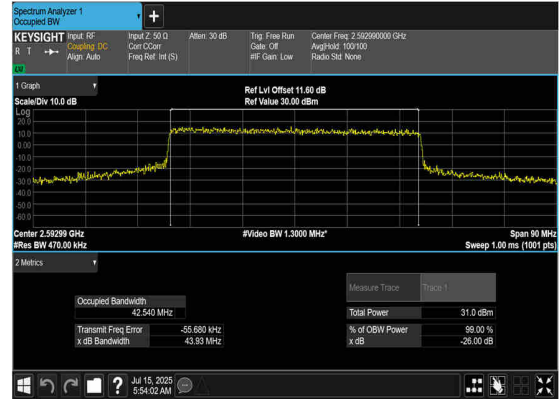




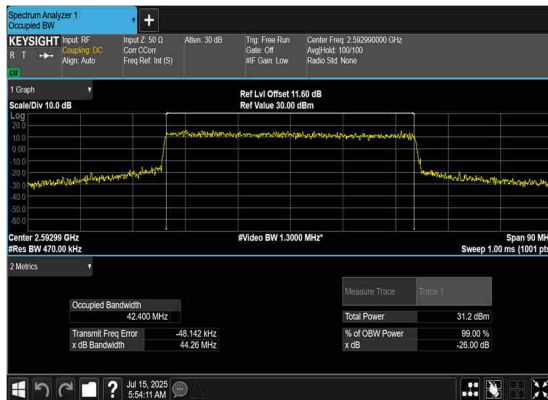
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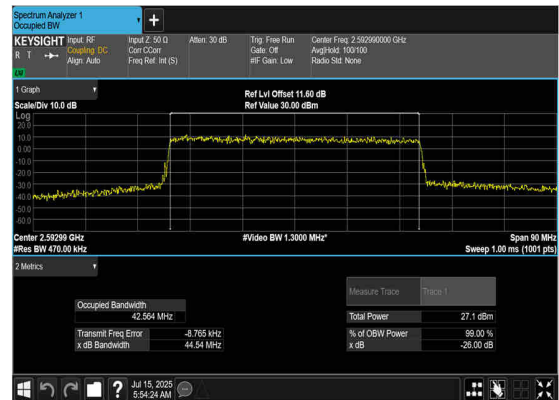
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QAM_Outer_Full_Mid_CH



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QAM_Outer_Full_Mid_CH



N41(45M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

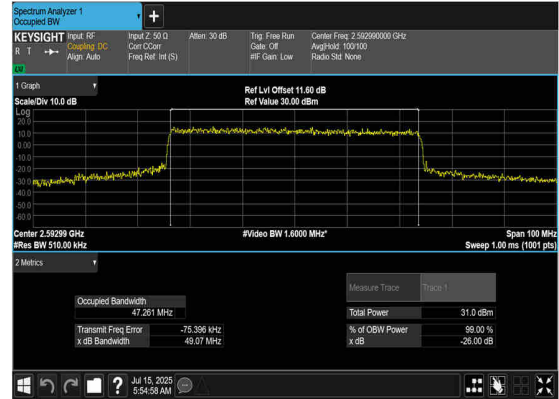




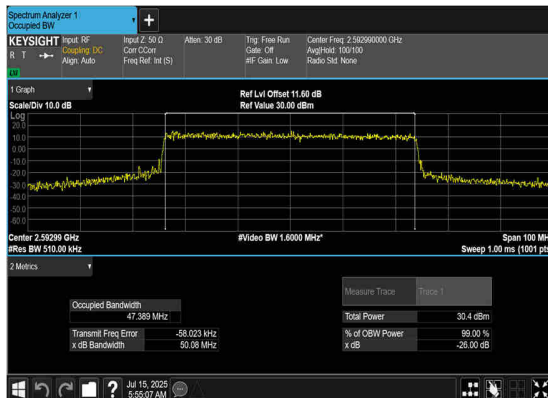
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OFDM_QPSK_Outer_Full_Mid_CH



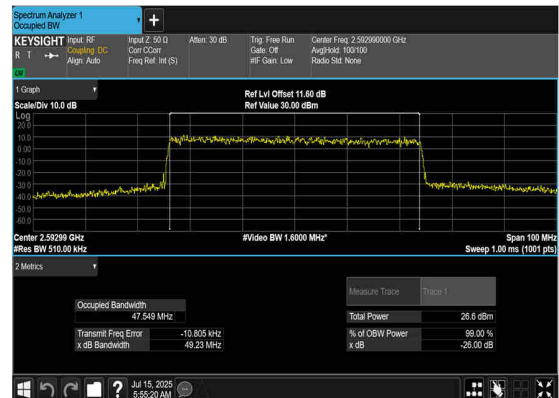
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QAM_Outer_Full_Mid_CH



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QAM_Outer_Full_Mid_CH

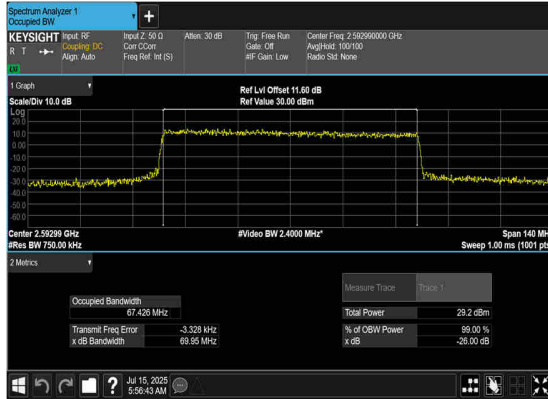


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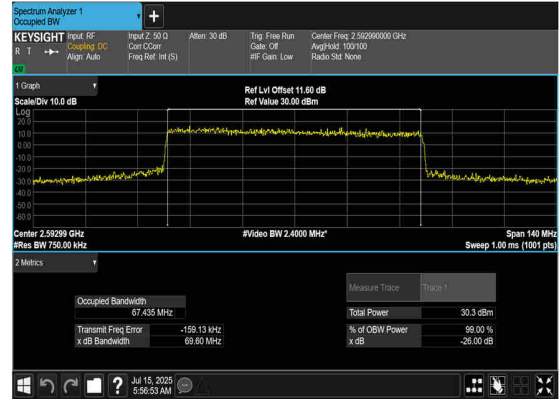




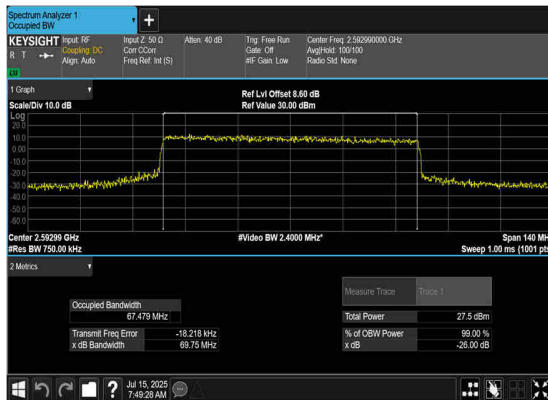
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QAM_Outer_Full_Mid_CH



N41(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

