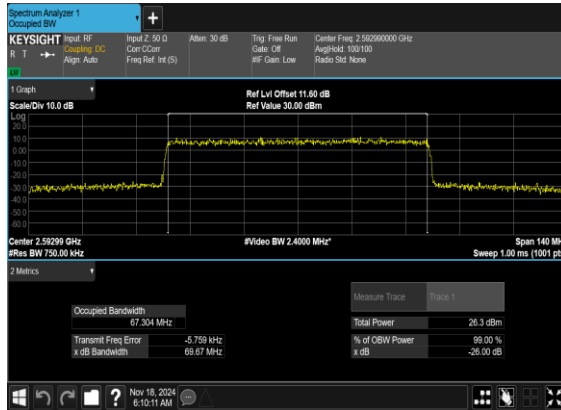
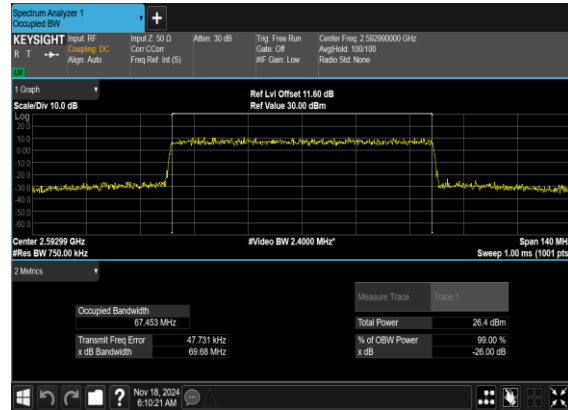




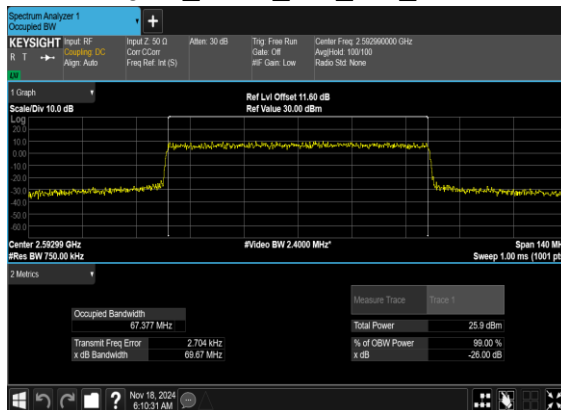
N41(70M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



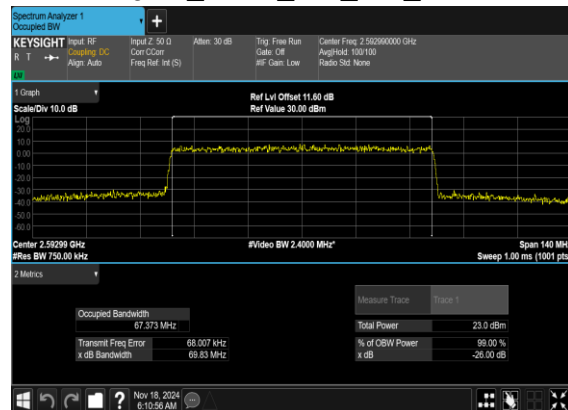
N41(70M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

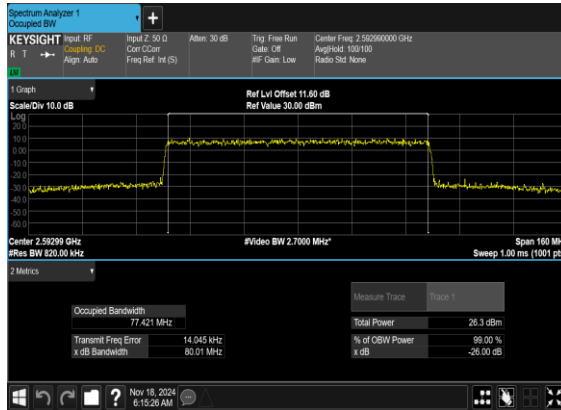


N41(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

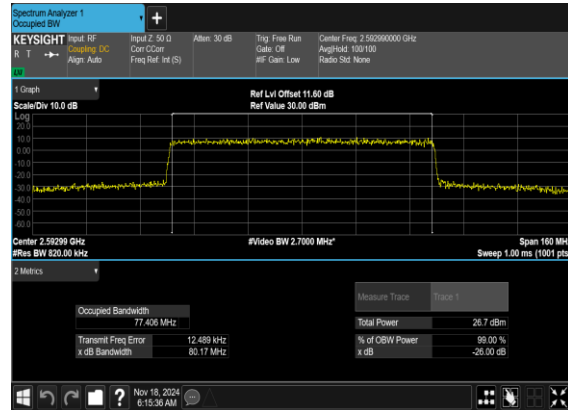




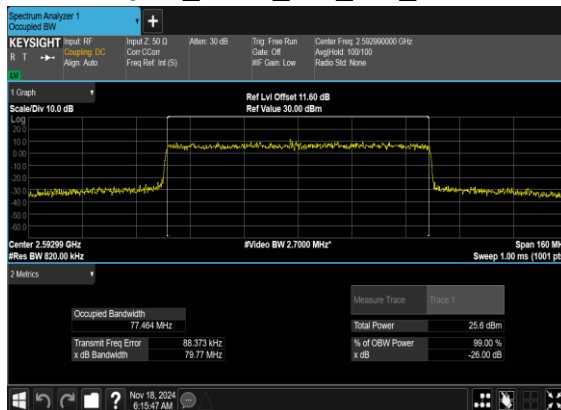
N41(80M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



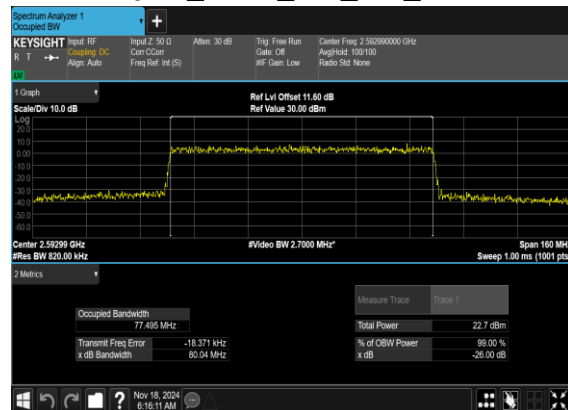
N41(80M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

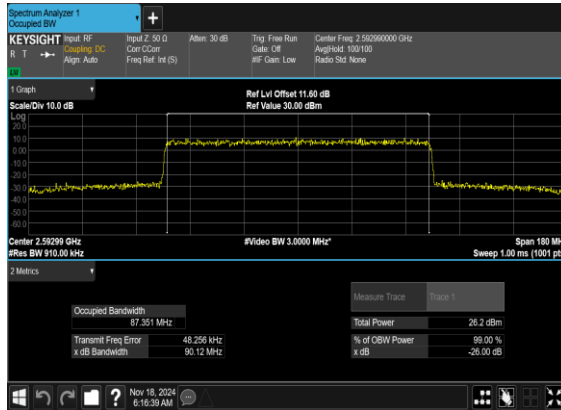


N41(80M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

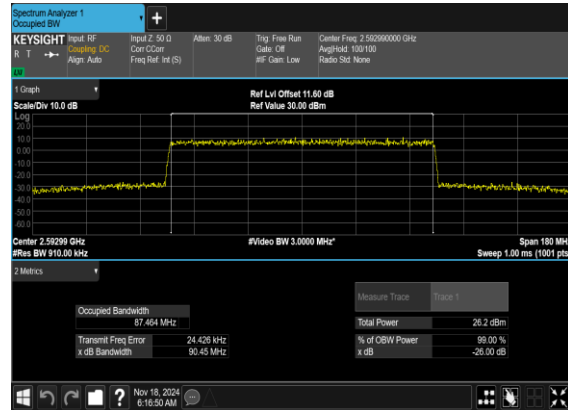




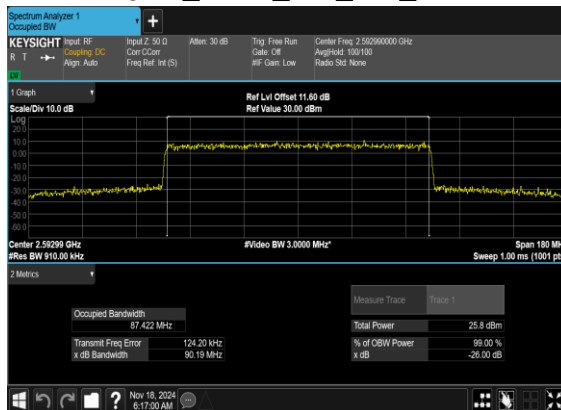
N41(90M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



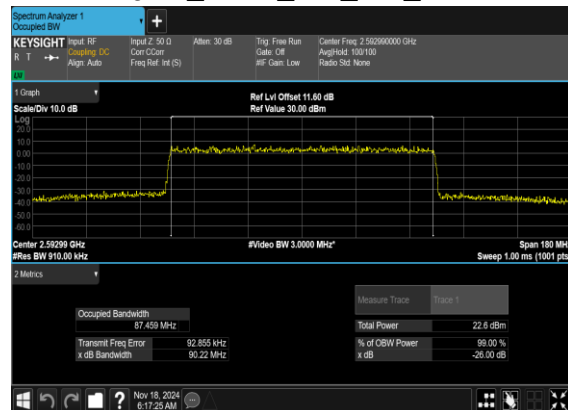
N41(90M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

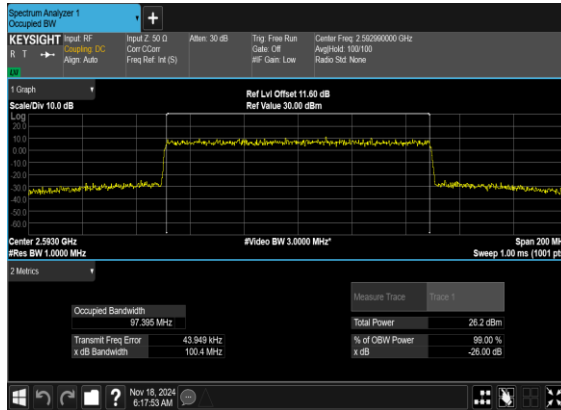


N41(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

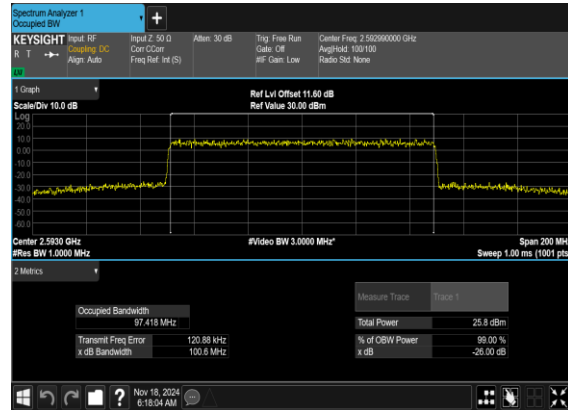




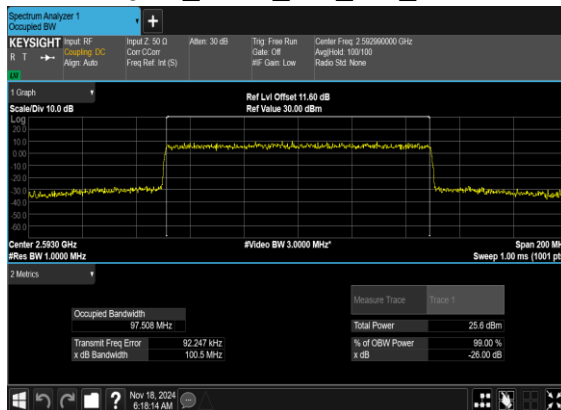
N41(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



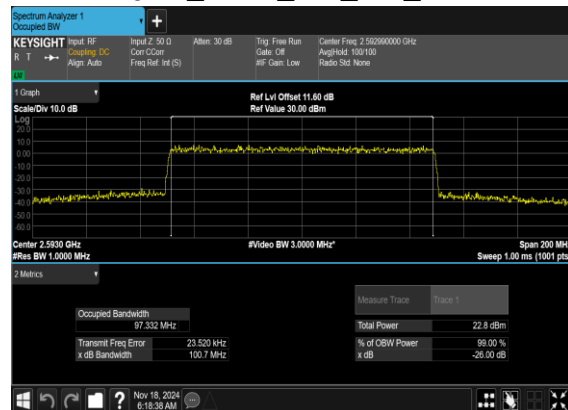
N41(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

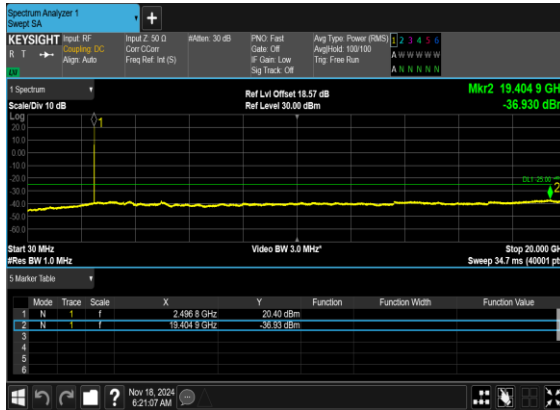
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	---
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---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



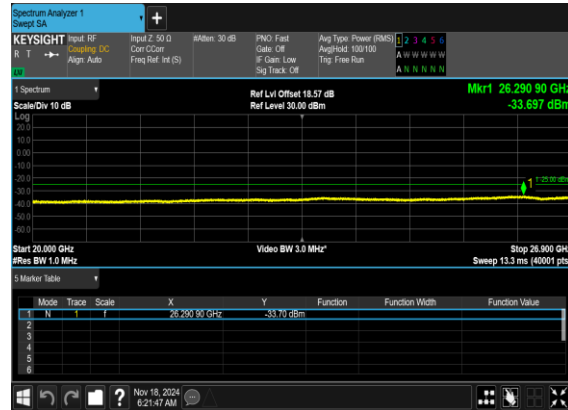
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000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



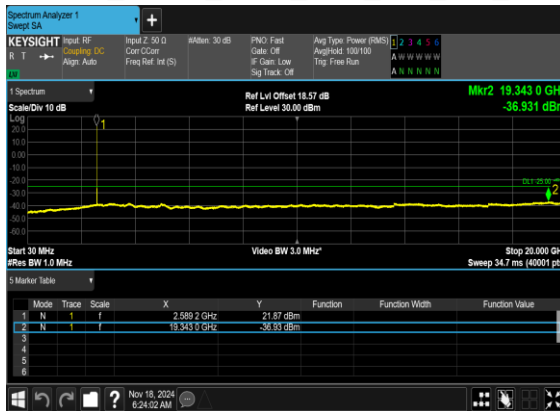
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



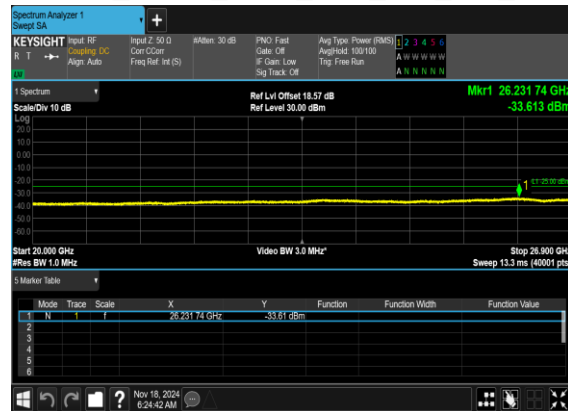
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

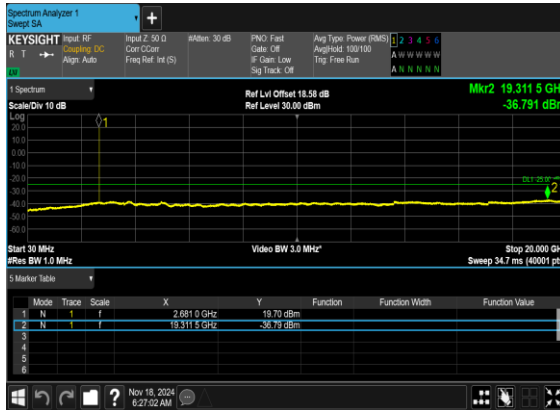


N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

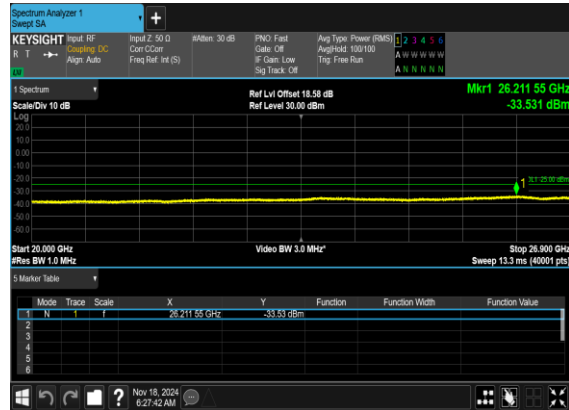




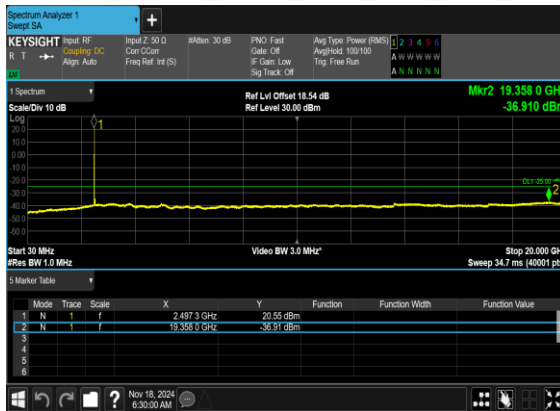
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



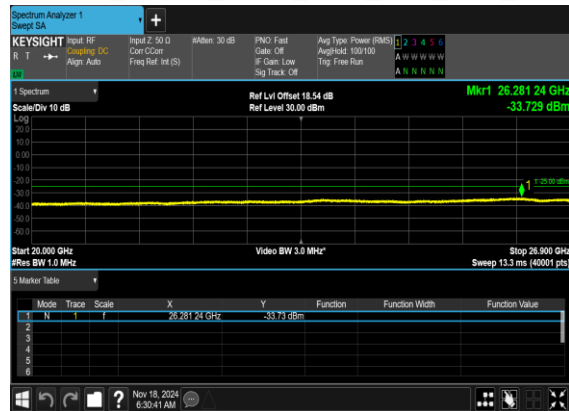
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH

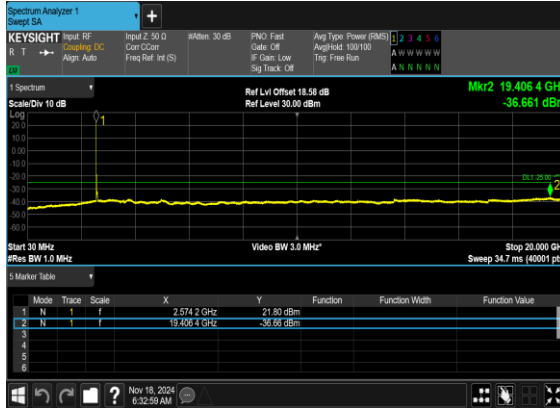


N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH

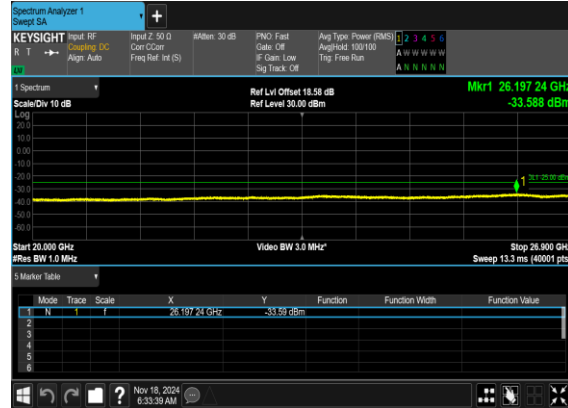




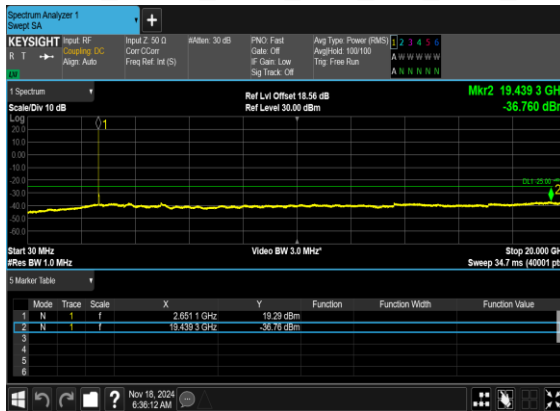
N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



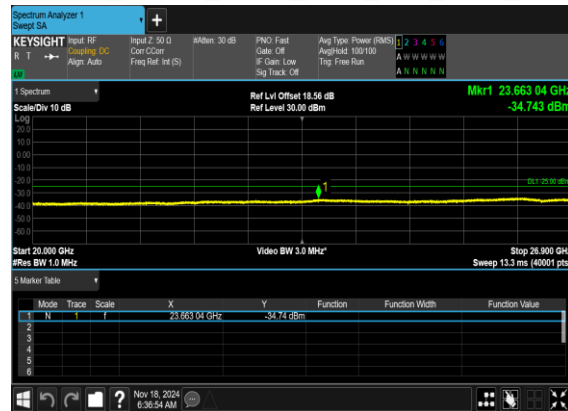
N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

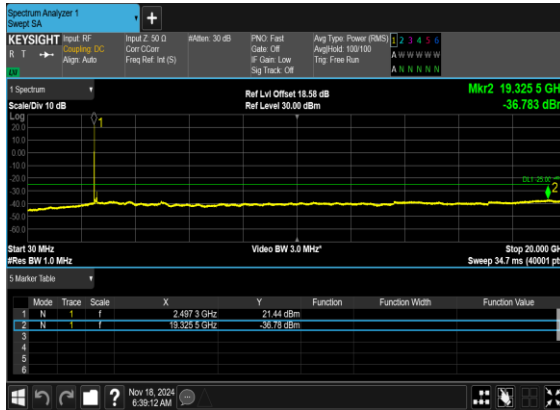


N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

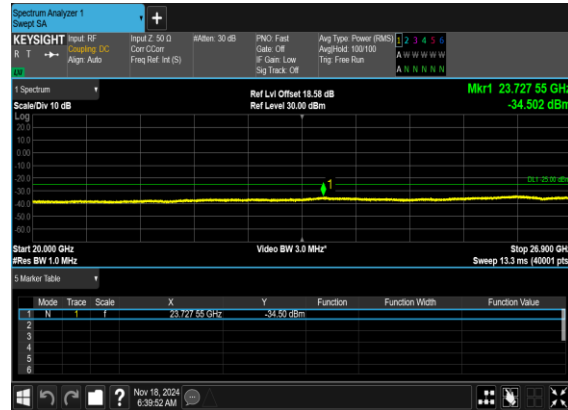




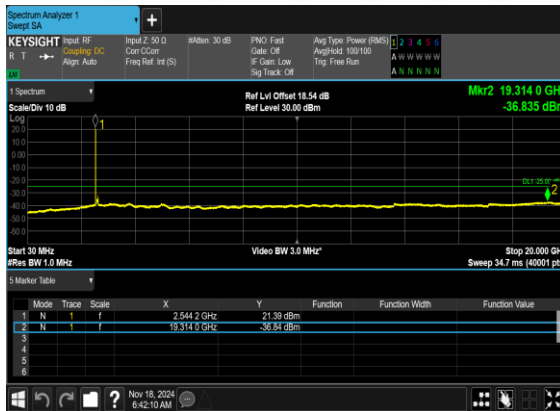
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



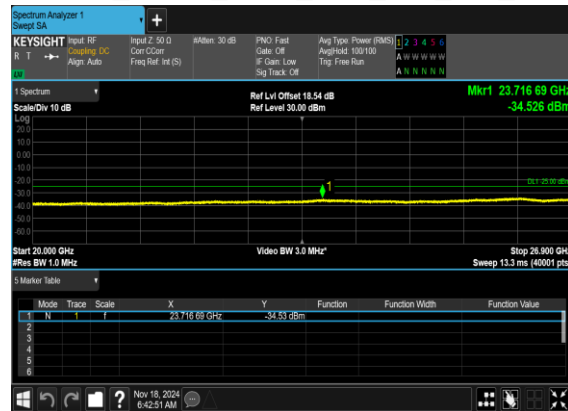
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

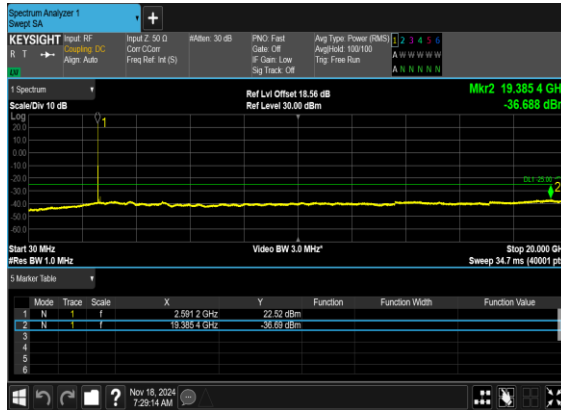


N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

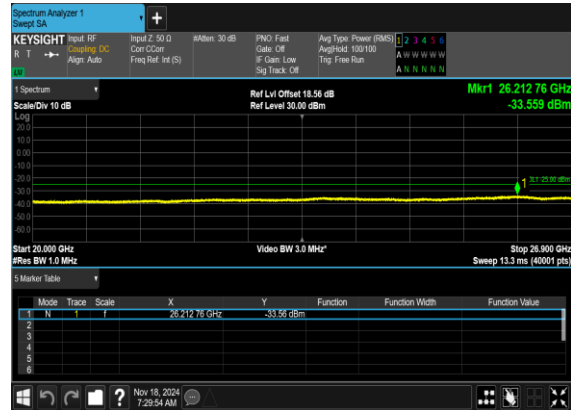




N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

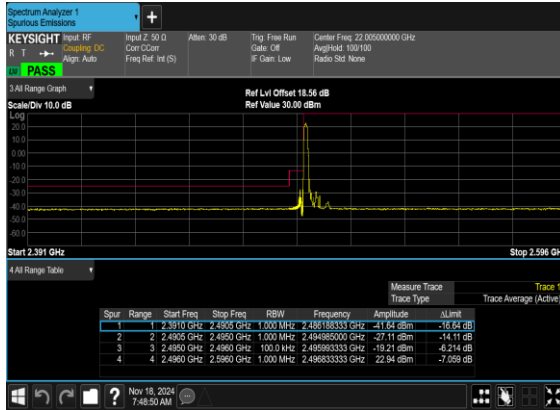


Conducted Band Edge

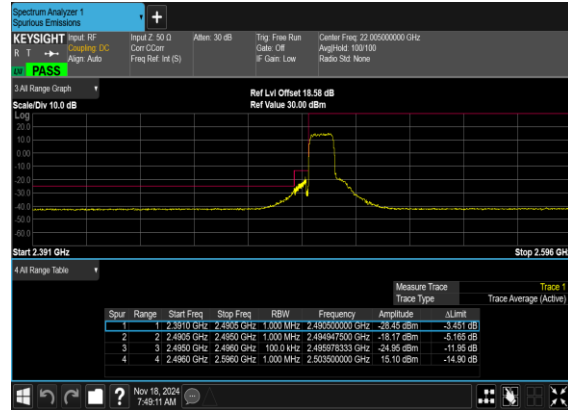
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	CP-OFDM QPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	24@0	see graph	PASS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



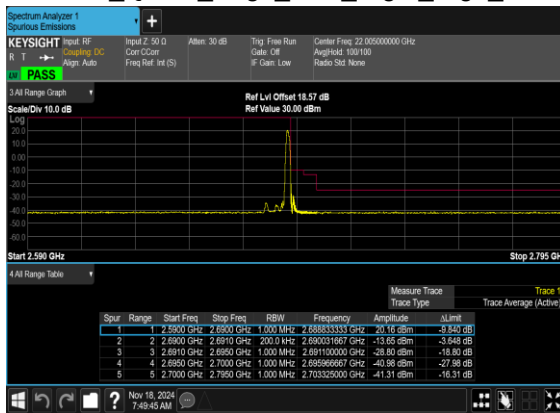
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



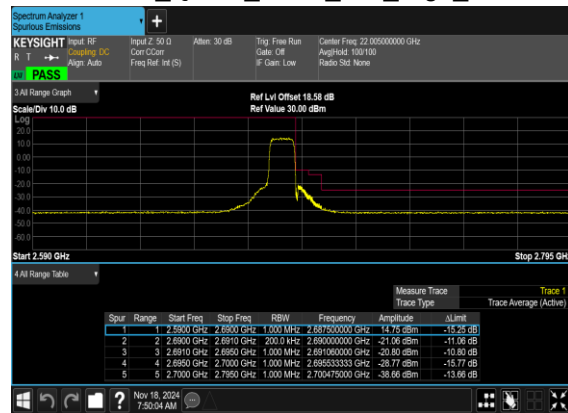
N41(10M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH

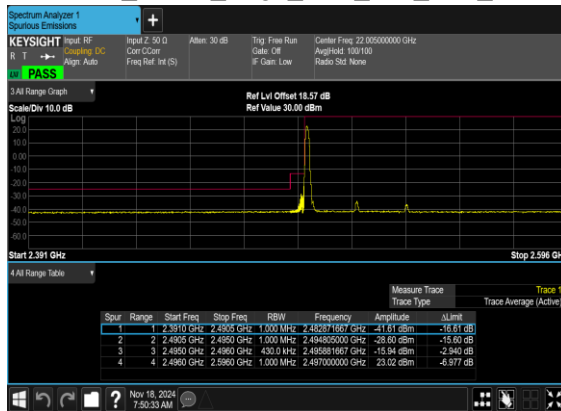


N41(10M)_CP-
OFDM_QPSK_Outer_Full_High_CH

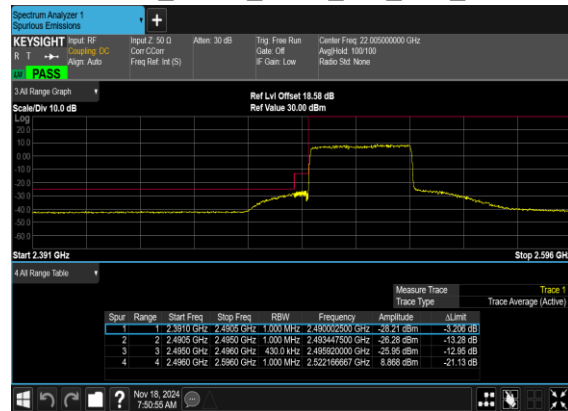




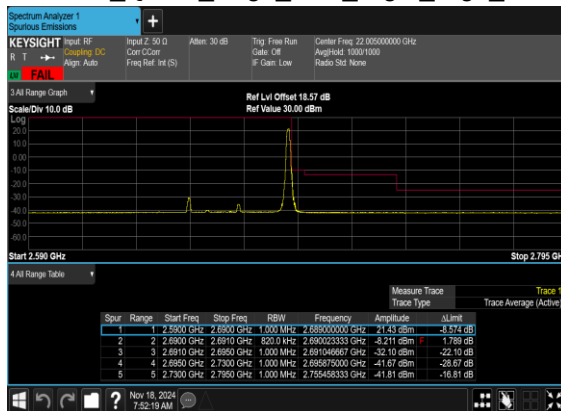
N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



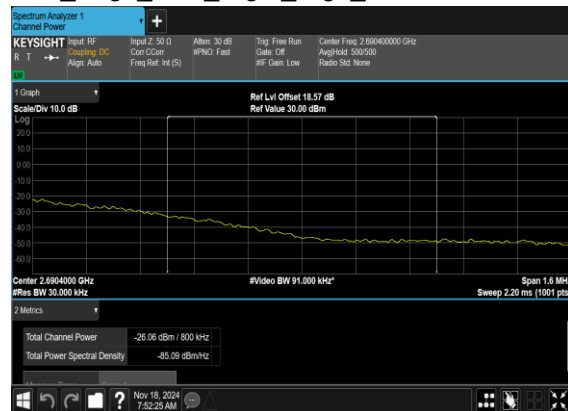
N41(40M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH

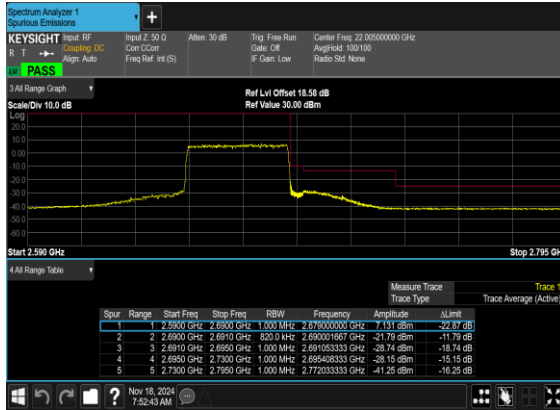


N41(40M)_CP-OFDM_QPSK
_Edge_1RB_Right_High_CH_chp_PASS

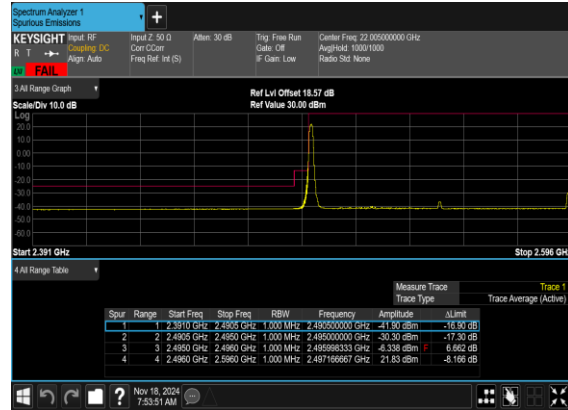




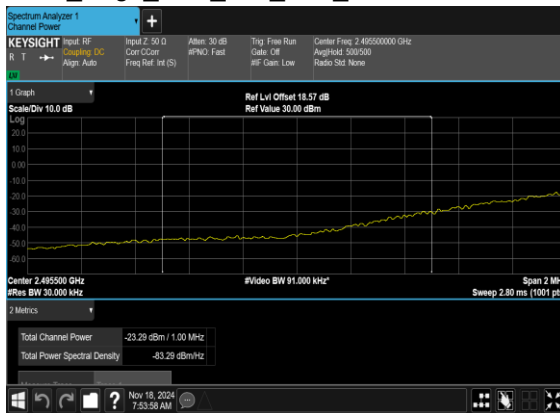
N41(40M)_CP-
OFDM_QPSK_Outer_Full_High_CH



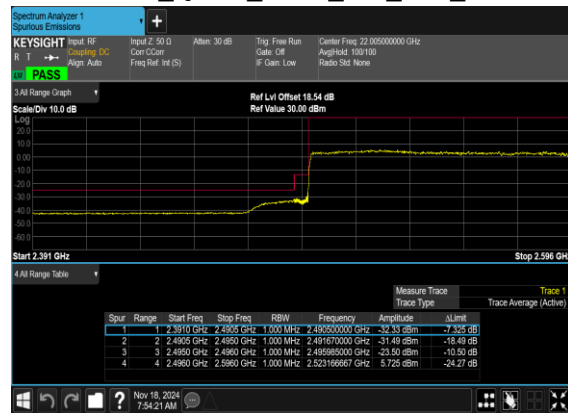
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(100M)_CP-OFDM_QPSK
_Edge_1RB_Left_Low_CH_CHP_PASS

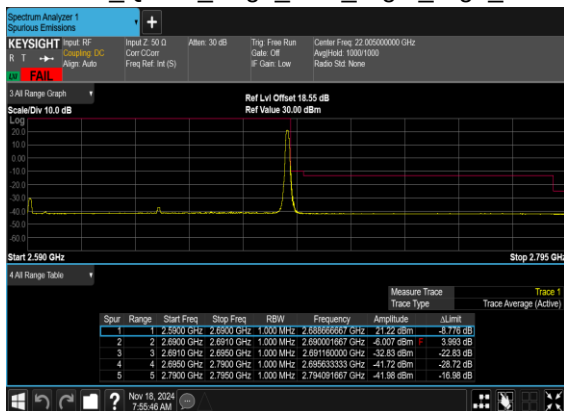


N41(100M)_CP-
OFDM_QPSK_Outer_Full_Low_CH

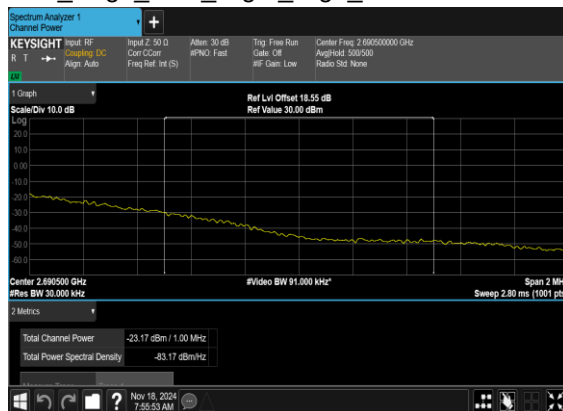




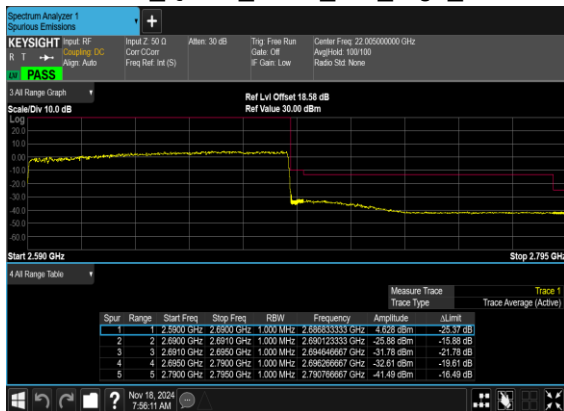
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



N41(100M)_CP-OFDM_QPSK
_Edge_1RB_Right_High_CH_CHP_PASS



N41(100M)_CP-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N41 MIMO-ANT5+6(6)

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	15.5	PASS	NV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	14.9	PASS	LV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	14.1	PASS	HV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	15.7	PASS	-30°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	15	PASS	-20°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	12.5	PASS	-10°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	13.2	PASS	0°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	14.5	PASS	10°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	14.1	PASS	20°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	17.2	PASS	30°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	11.8	PASS	40°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	12.4	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	20	518598	2592.99	CP-OFDM QPSK	51@0	7.28	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	8.5702	9.521
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5729	9.813
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5636	9.641
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.567	9.605
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.534	14.72
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.572	14.83
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.561	14.61
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.628	14.76
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.173	19.44
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.185	19.56
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.255	19.64
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.199	19.38
41	30	25	518598	2592.99	CP-OFDM QPSK	65@0	23.156	24.63
41	30	25	518598	2592.99	CP-OFDM 16 QAM	65@0	23.143	24.4
41	30	25	518598	2592.99	CP-OFDM 64 QAM	65@0	23.317	24.25
41	30	25	518598	2592.99	CP-OFDM 256 QAM	65@0	23.111	24.38
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.818	29.55
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.87	29.05
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.869	29.06
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.907	29.34
41	30	35	518598	2592.99	CP-OFDM QPSK	92@0	32.813	34.54
41	30	35	518598	2592.99	CP-OFDM 16 QAM	92@0	32.71	34.4



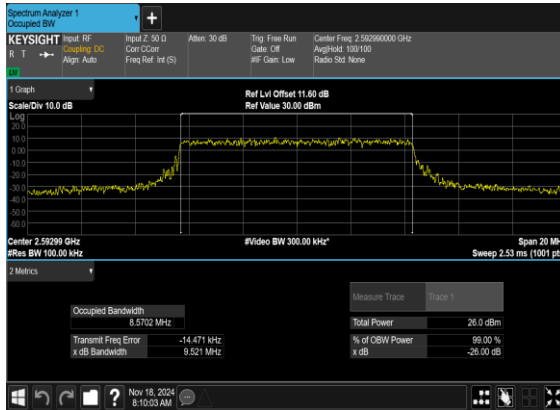
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41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.791	39.61
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.856	39.25
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.721	39.6
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.786	39.27
41	30	45	518598	2592.99	CP-OFDM QPSK	119@0	42.478	44.28
41	30	45	518598	2592.99	CP-OFDM 16 QAM	119@0	42.381	43.94
41	30	45	518598	2592.99	CP-OFDM 64 QAM	119@0	42.498	44.29
41	30	45	518598	2592.99	CP-OFDM 256 QAM	119@0	42.401	43.84
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.399	49.29
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.518	48.94
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.41	49.16
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.55	49.08
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.705	60.01
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.621	59.84
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.711	59.71
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.883	59.89
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.241	69.67
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.294	69.6
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.343	69.63
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.475	69.72
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.439	80.12
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.57	79.93



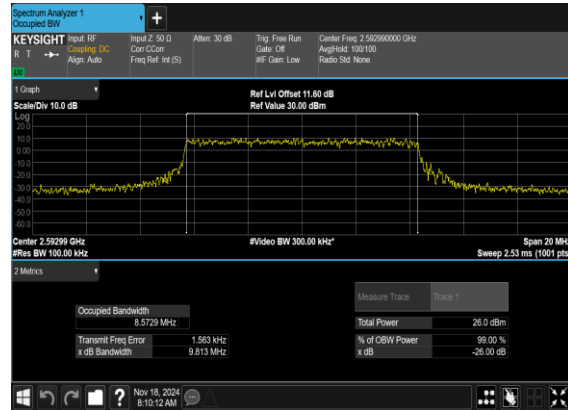
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41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.286	90.17
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.361	90.32
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.542	90.22
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.5	90.4
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.674	100.6
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.669	100.7
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.454	100.7
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.427	100.6



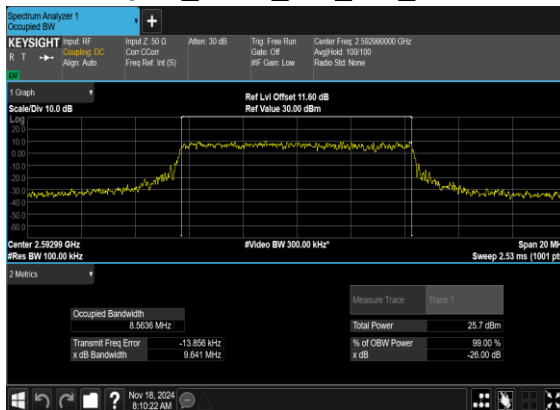
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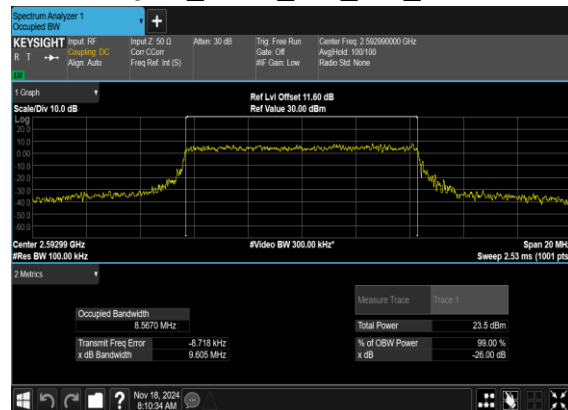
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N41(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

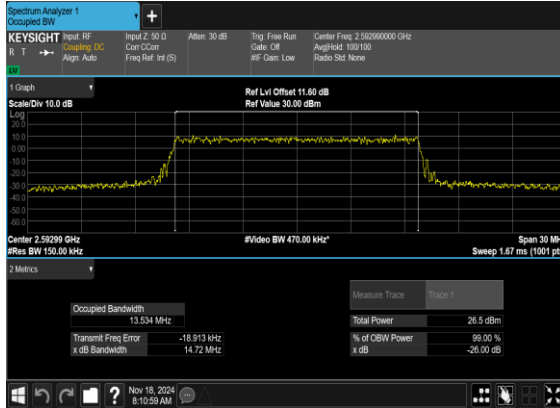


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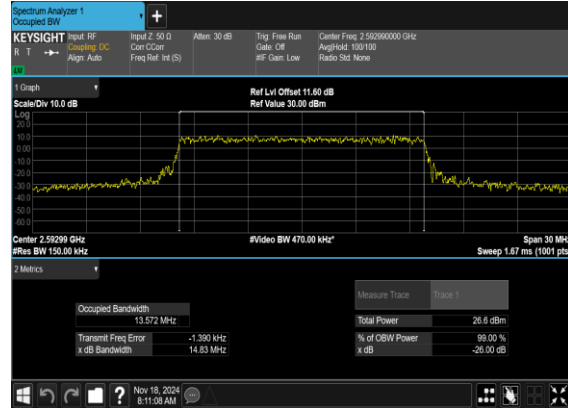




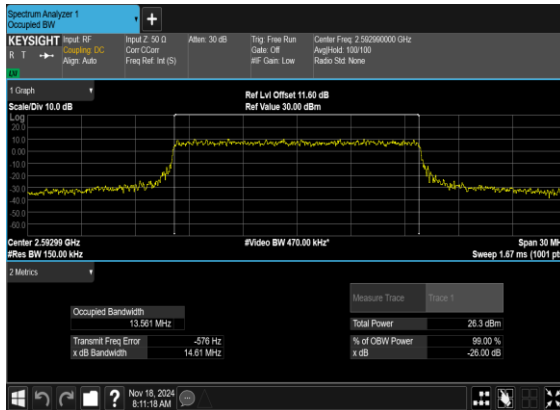
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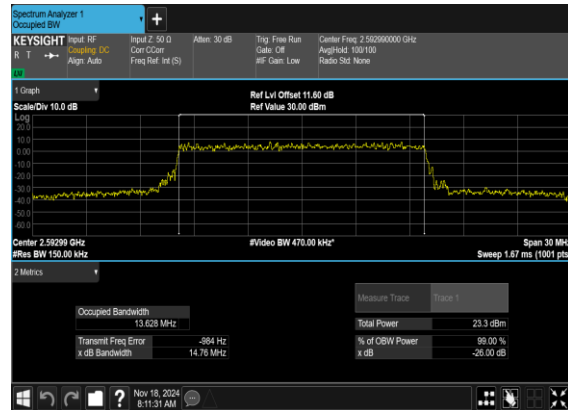
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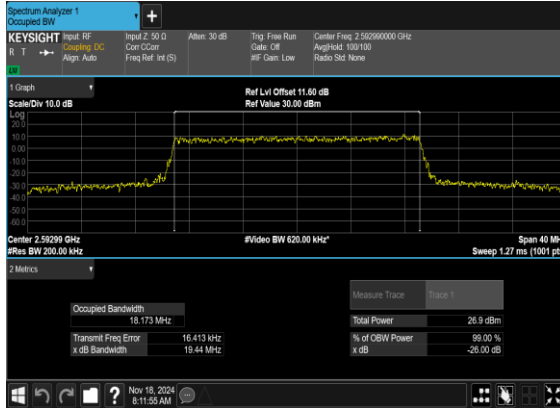


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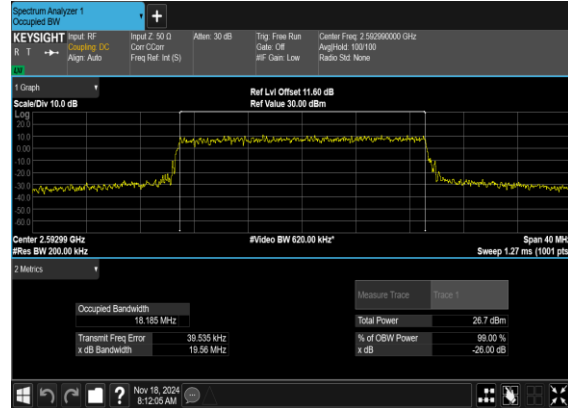




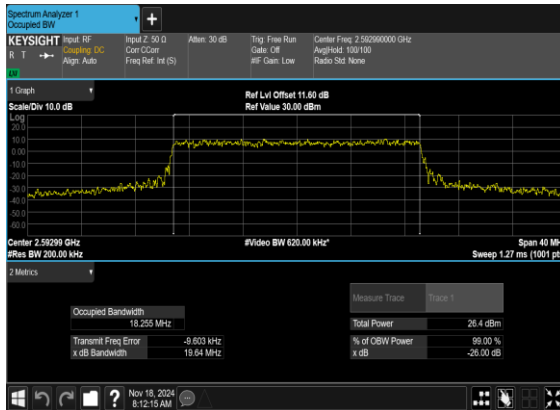
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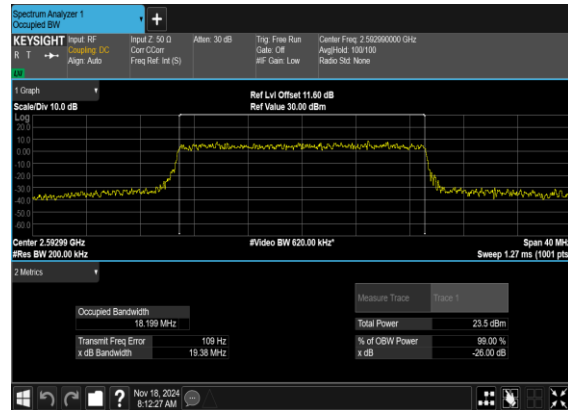
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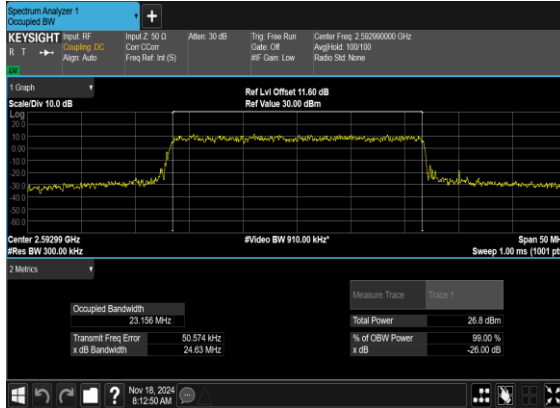


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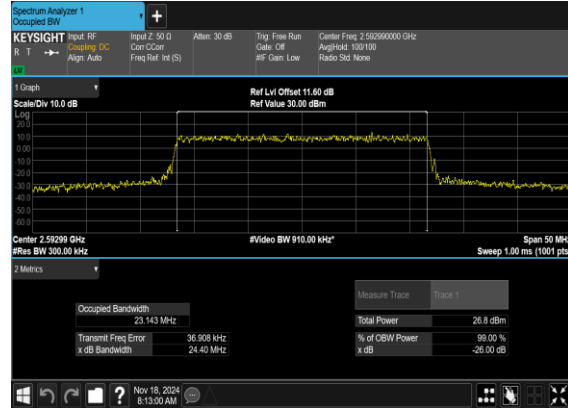




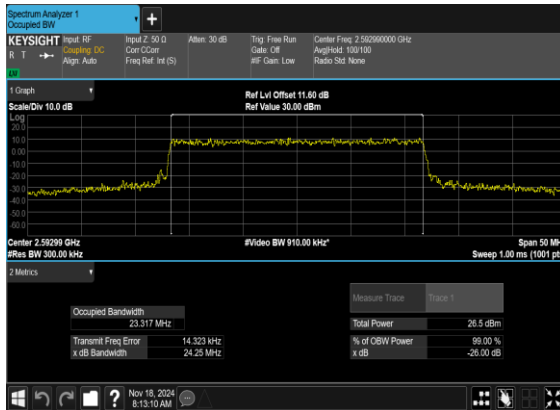
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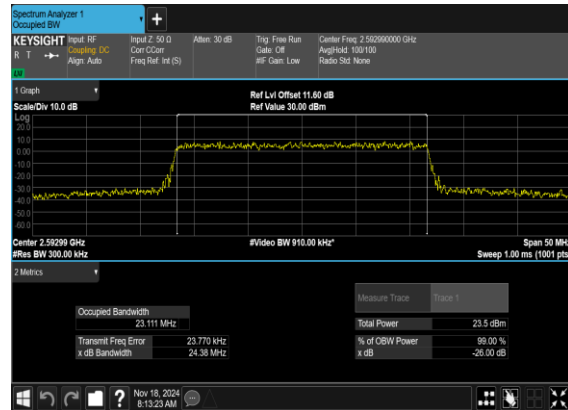
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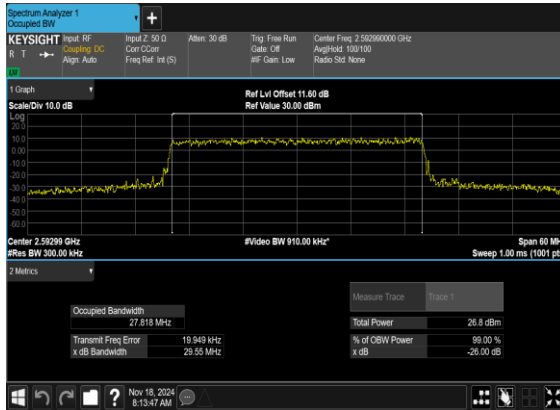


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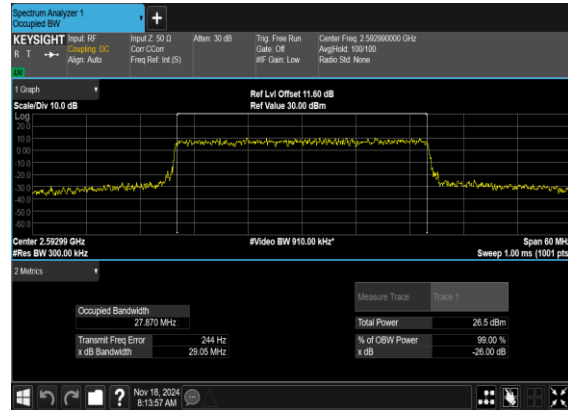




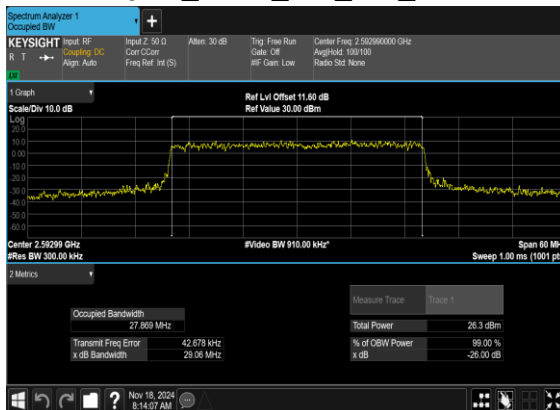
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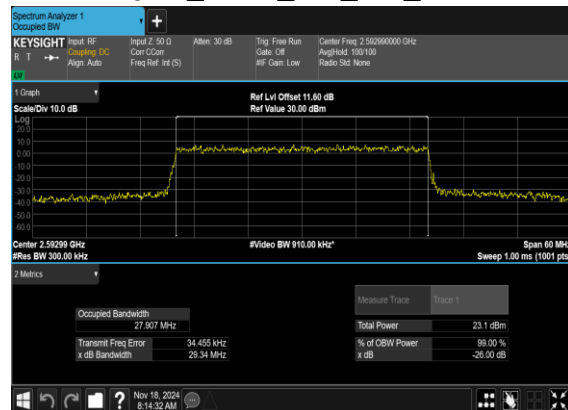
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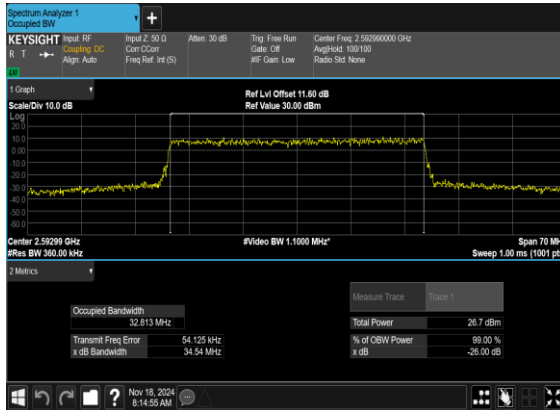


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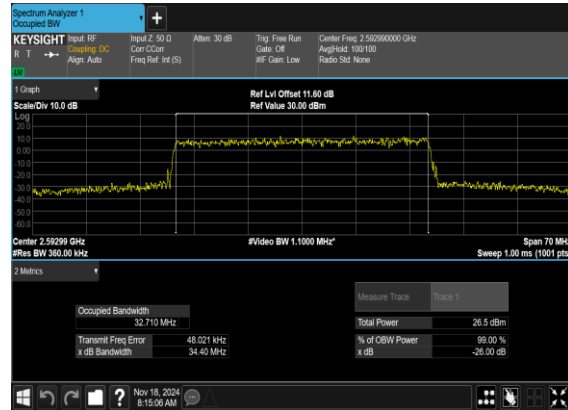




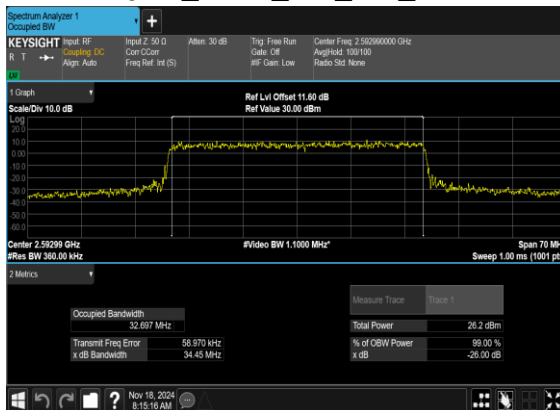
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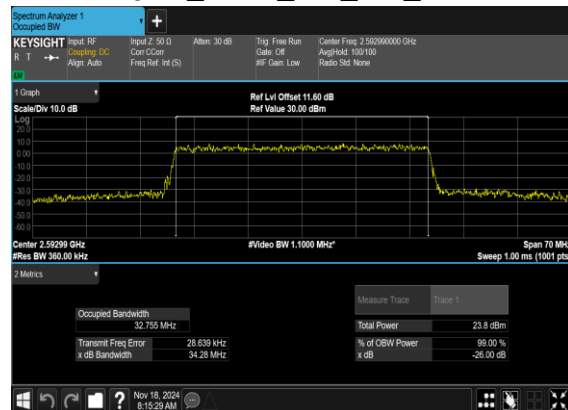
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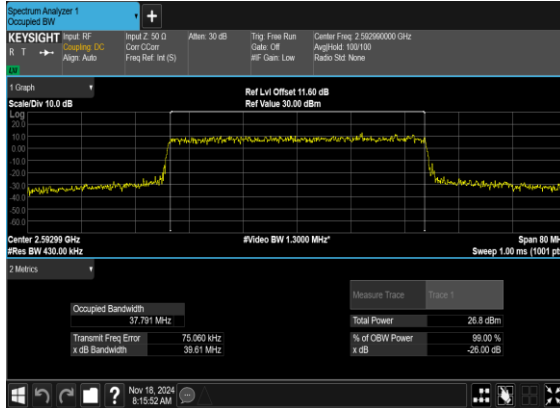


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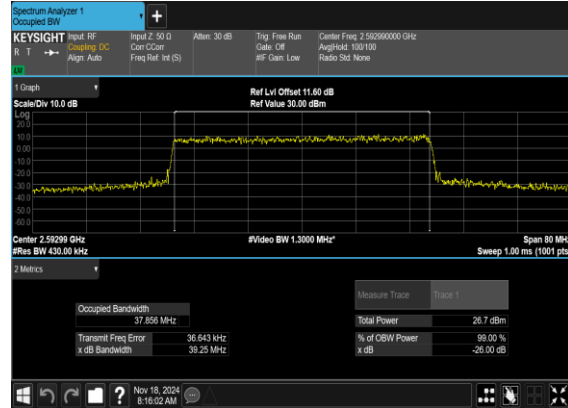




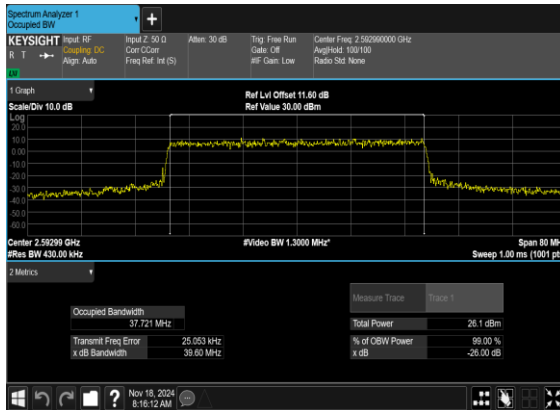
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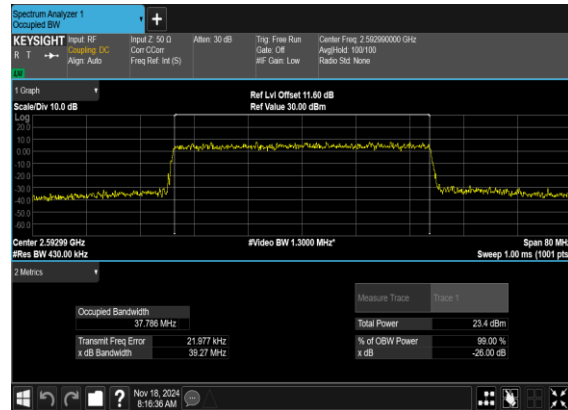
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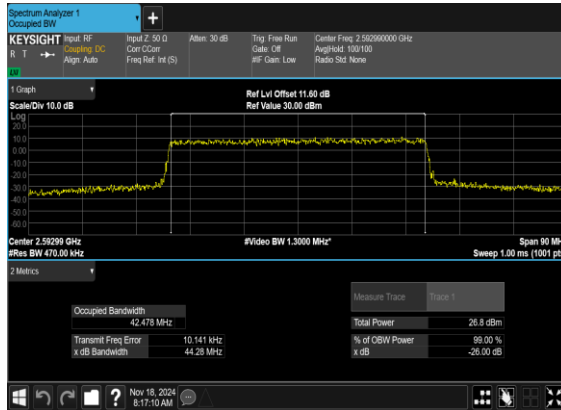


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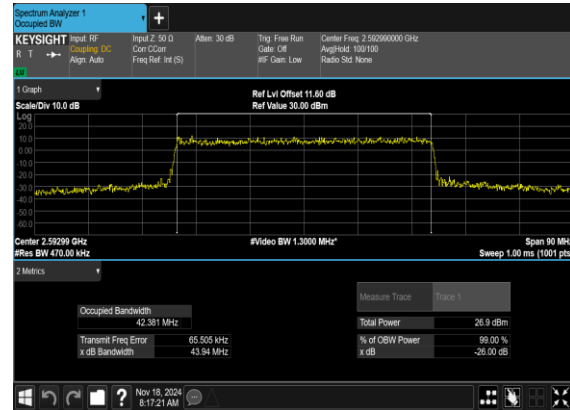




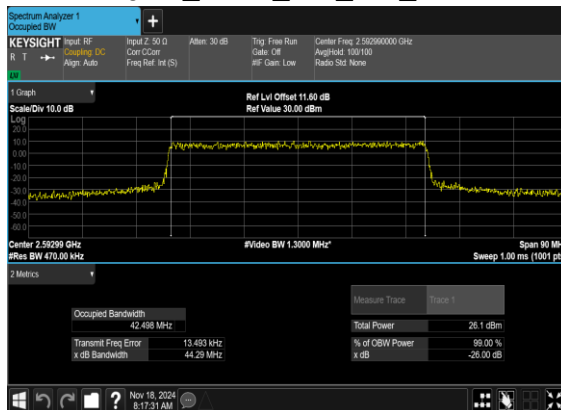
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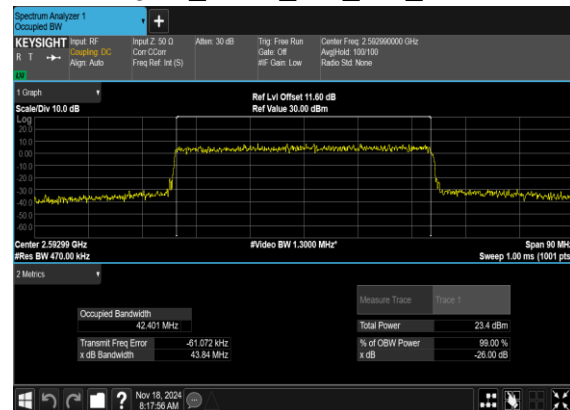
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QAM_Outer_Full_Mid_CH



N41(45M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

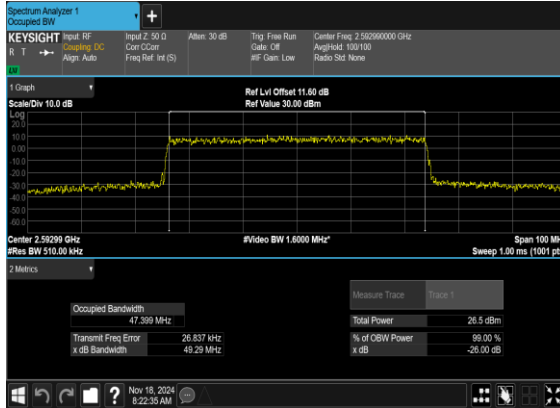


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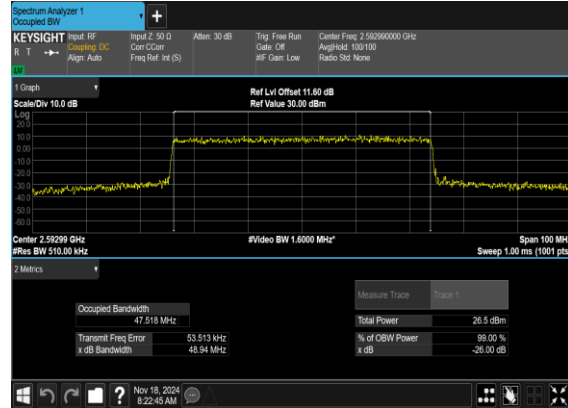




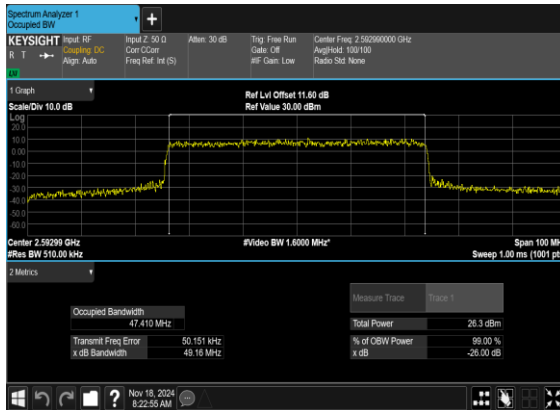
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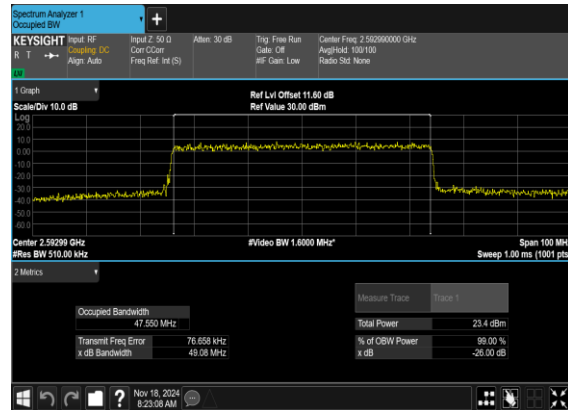
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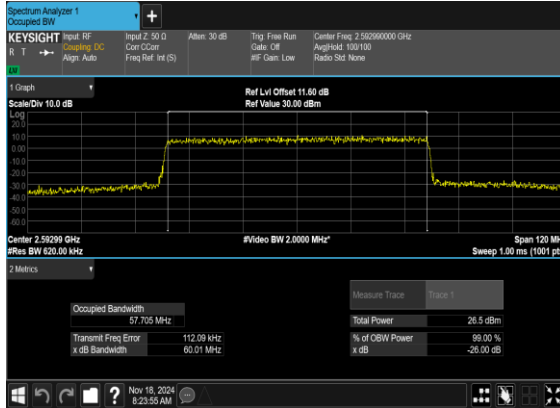


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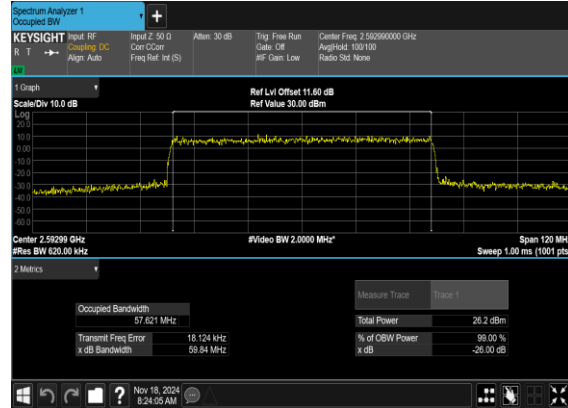




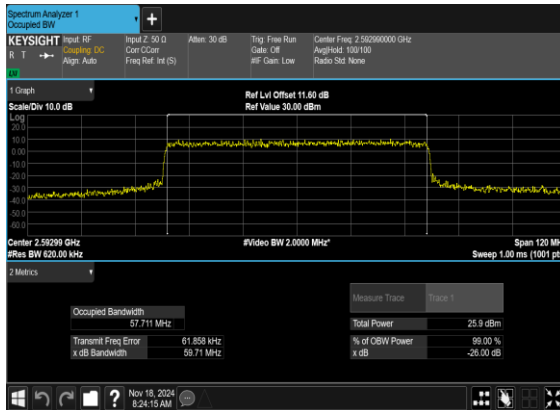
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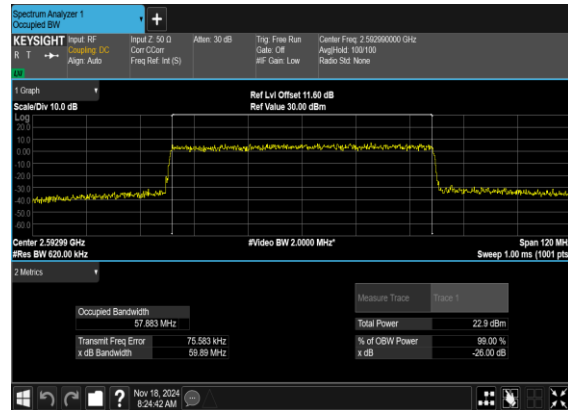
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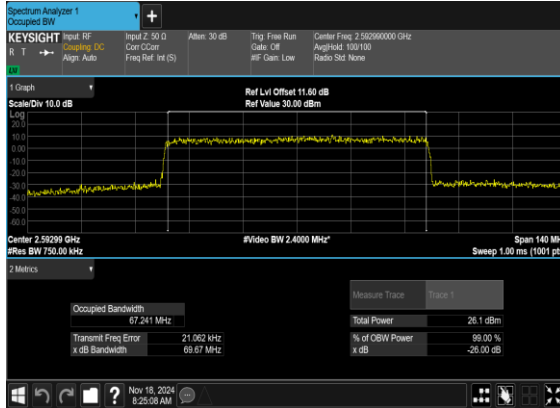


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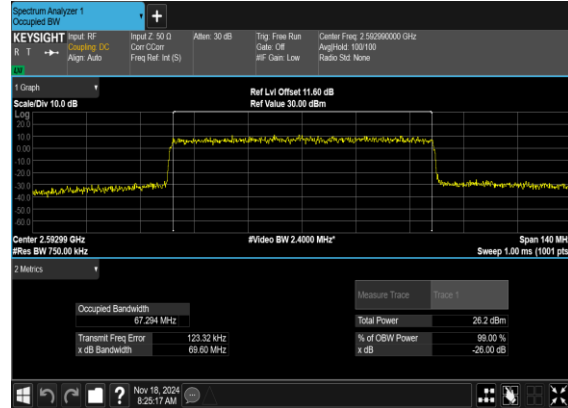




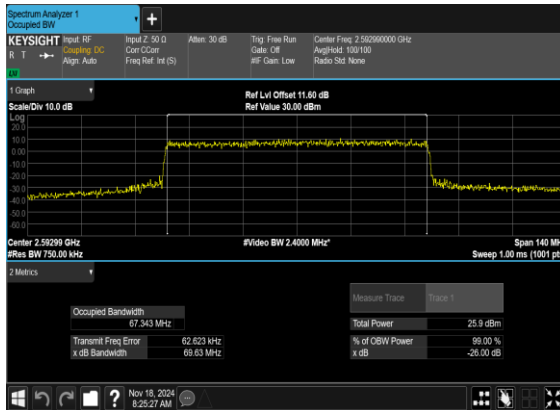
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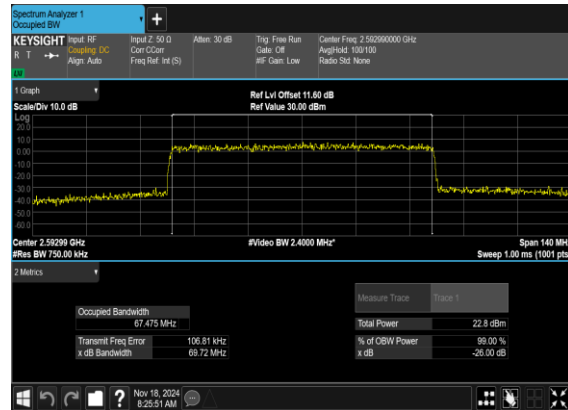
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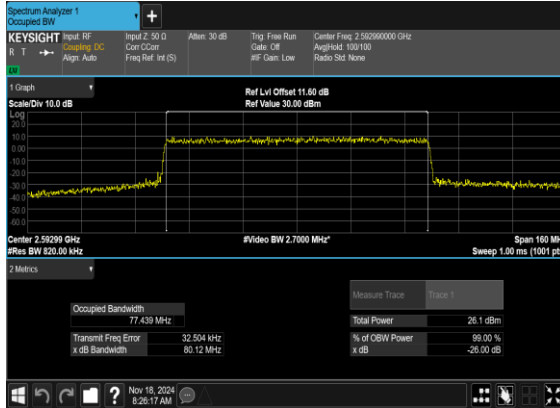


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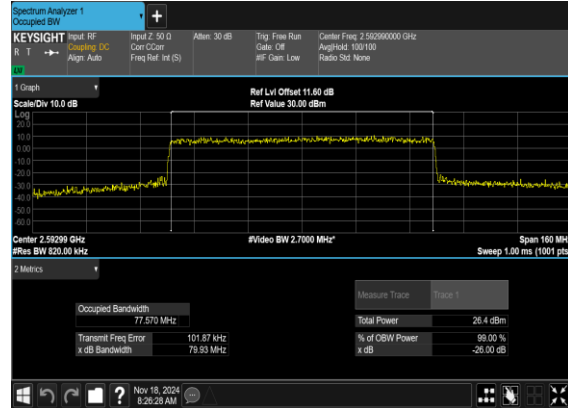




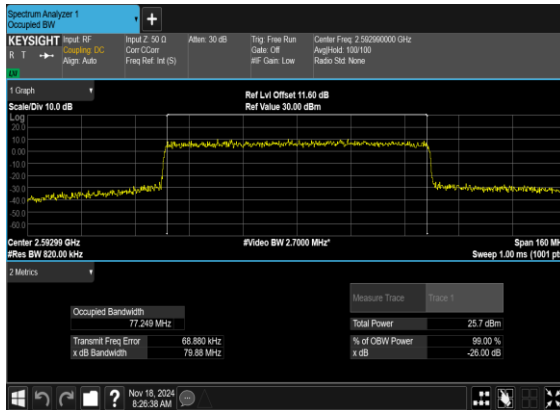
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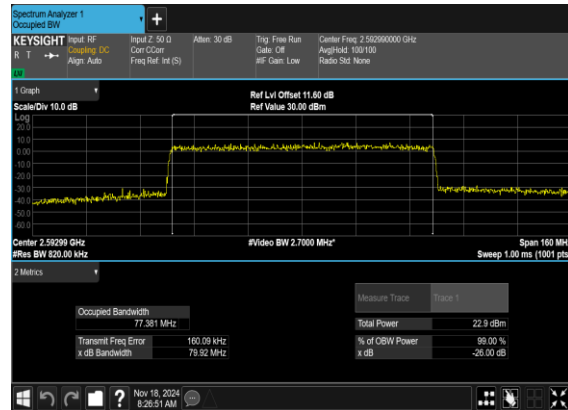
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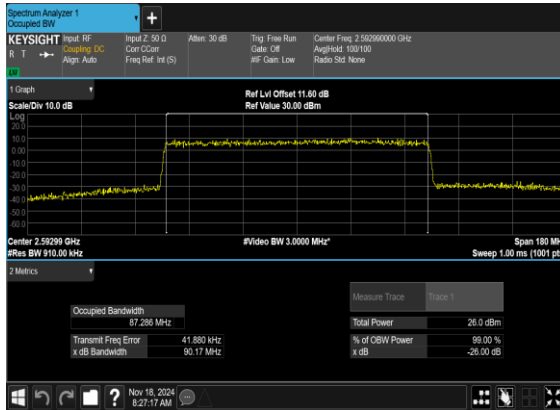


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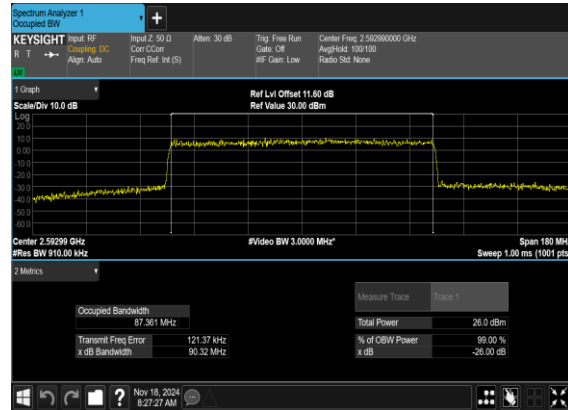




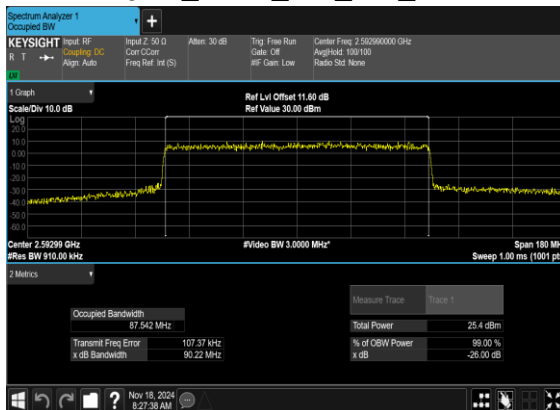
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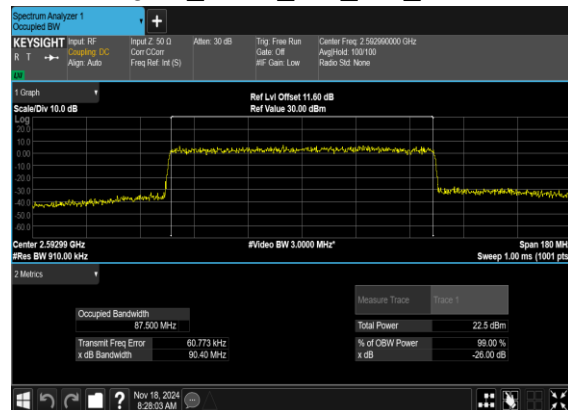
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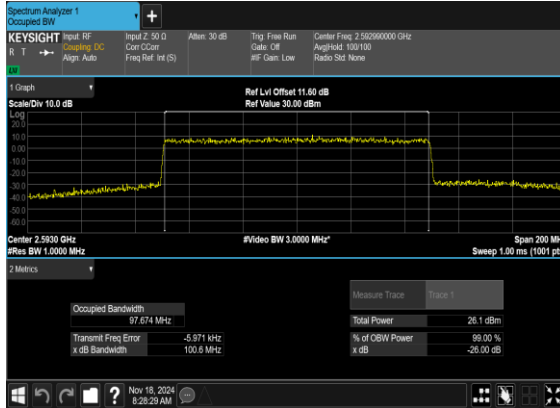


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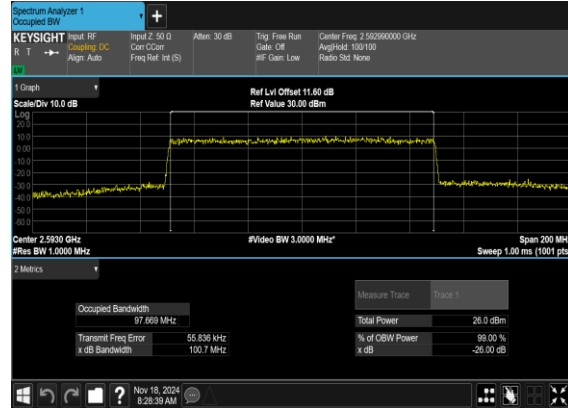




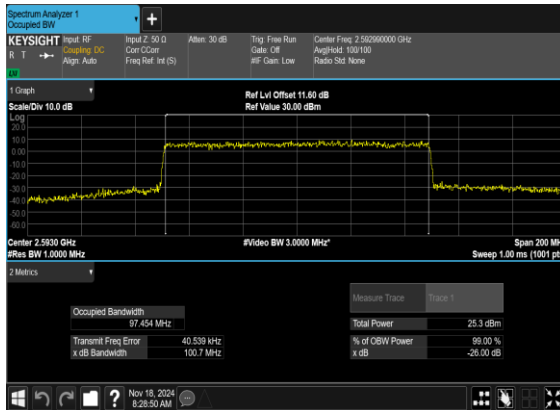
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N41(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

