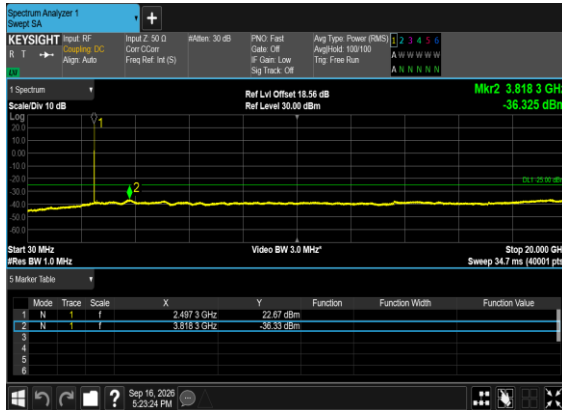
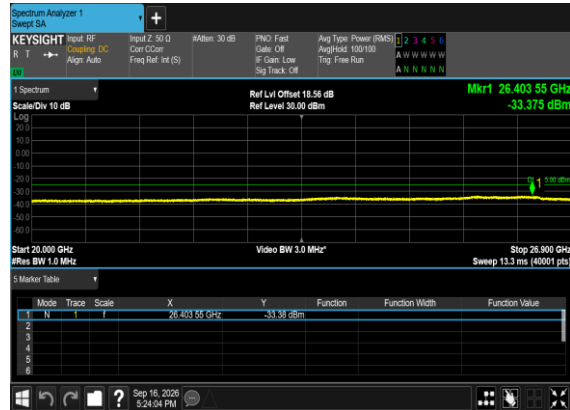
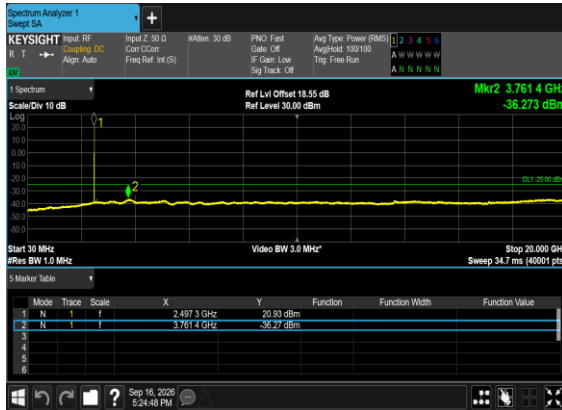
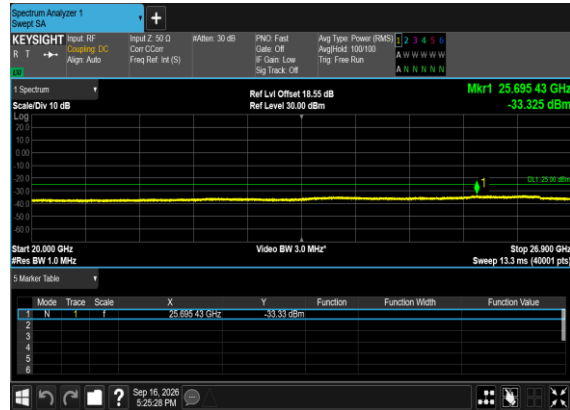
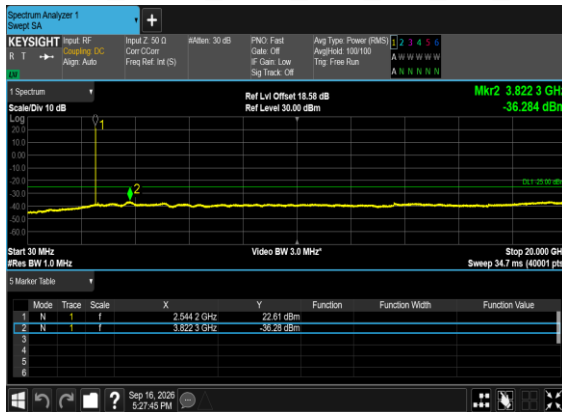
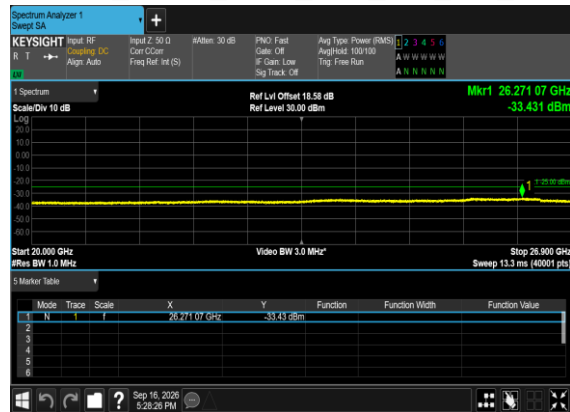
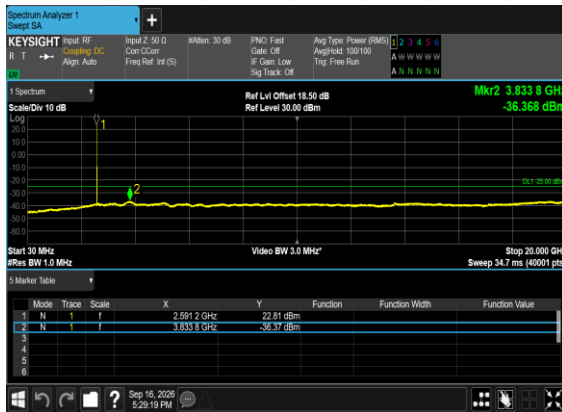
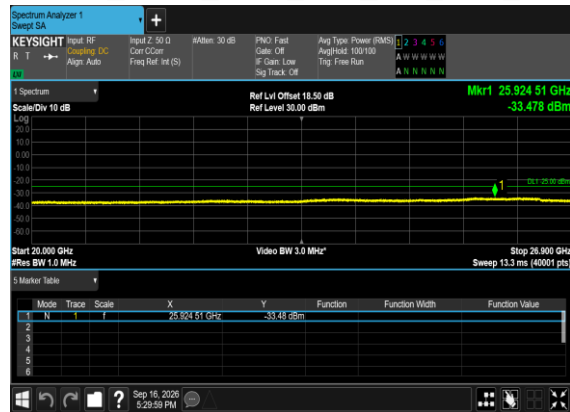
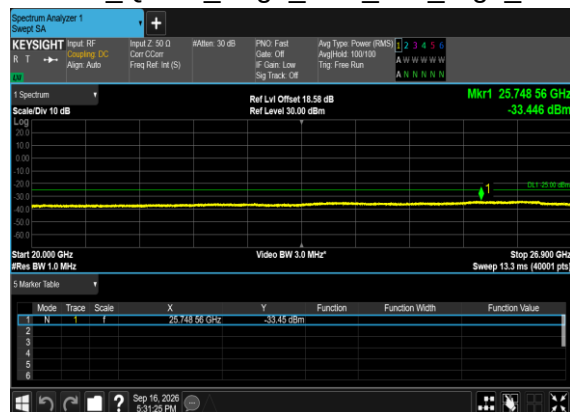


N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CHN41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CHN41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CHN41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CHN41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CHN41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

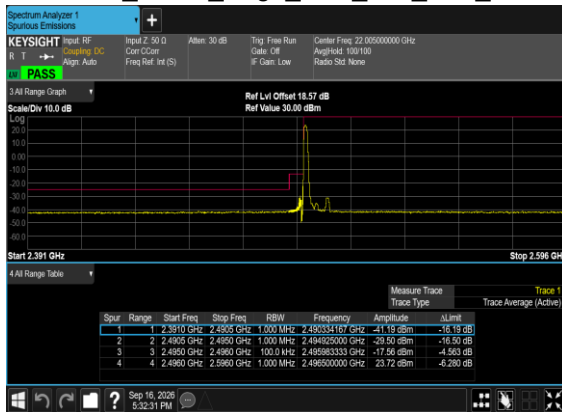
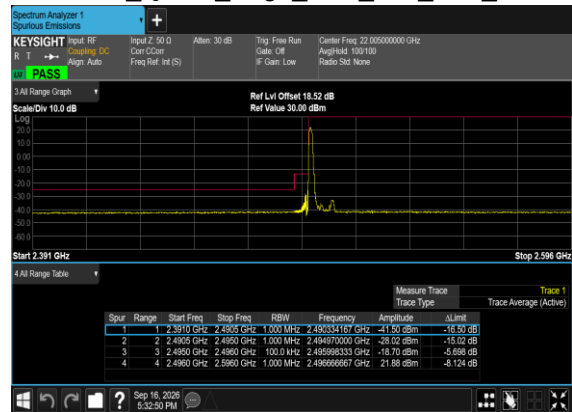
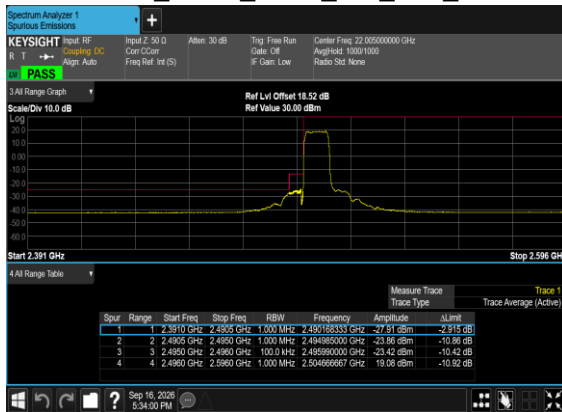
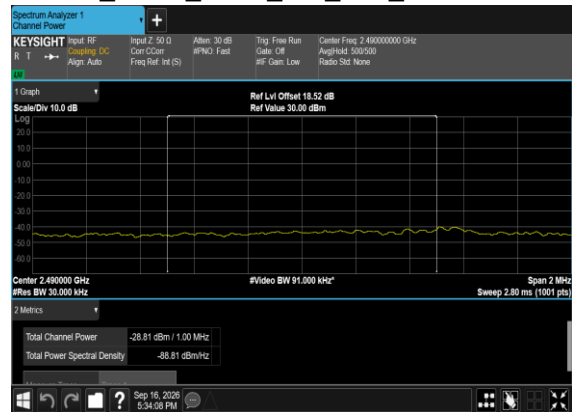
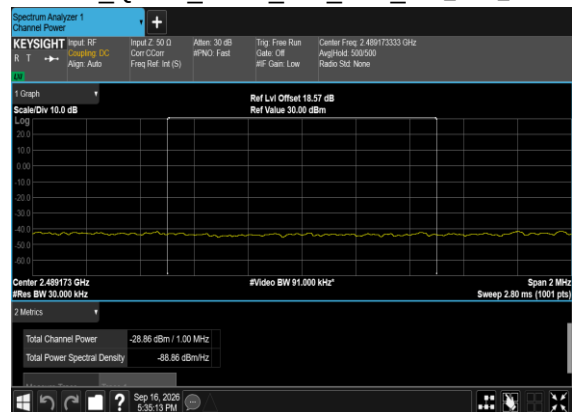
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHN41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHN41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CHN41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

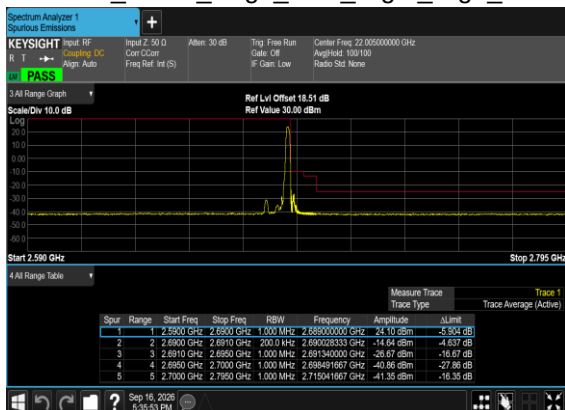
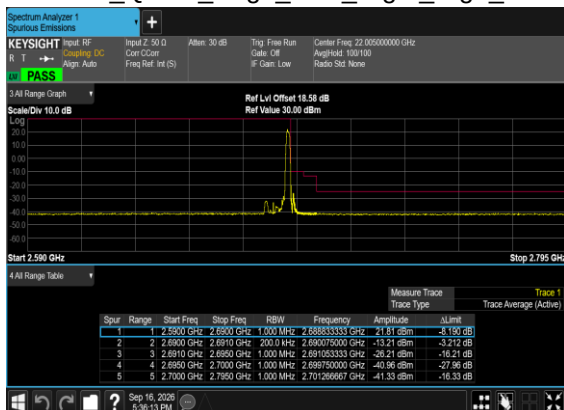
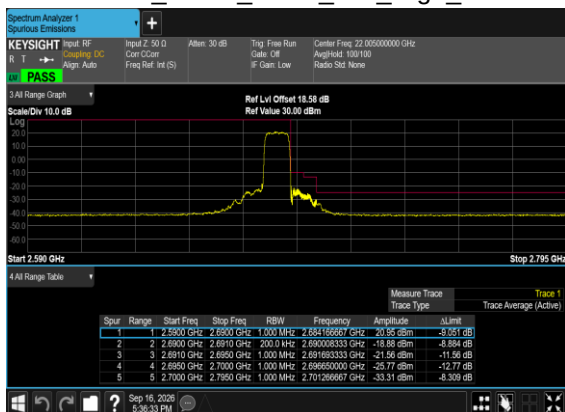
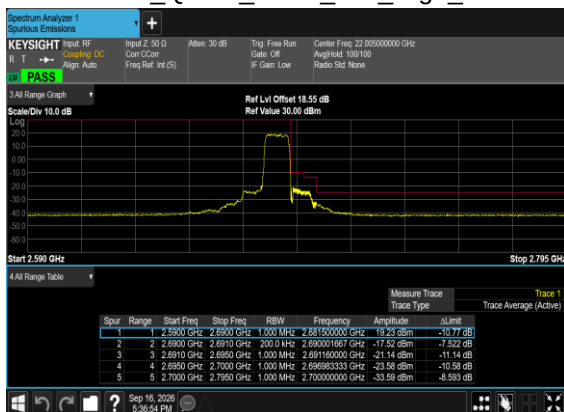
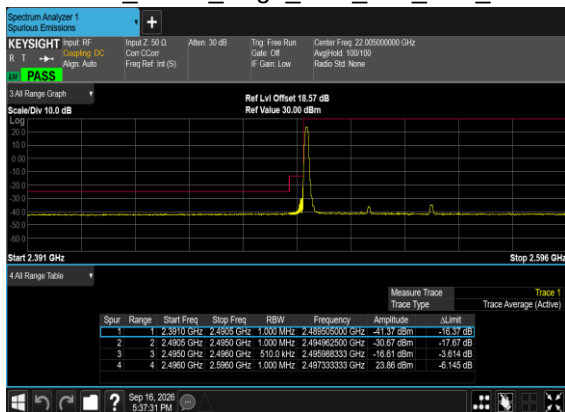
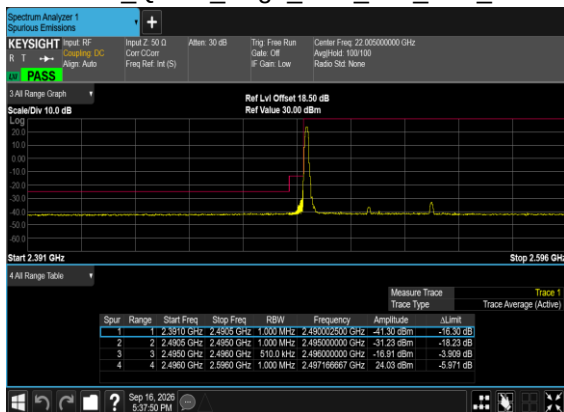
N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CHN41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CHN41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CHN41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CHN41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CHN41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

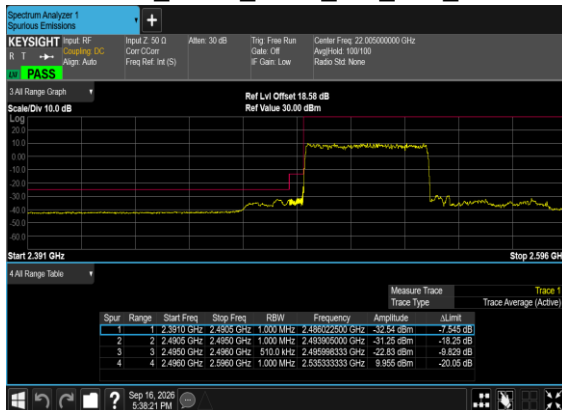
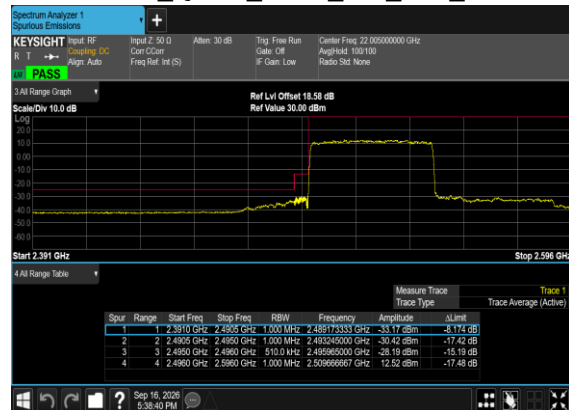
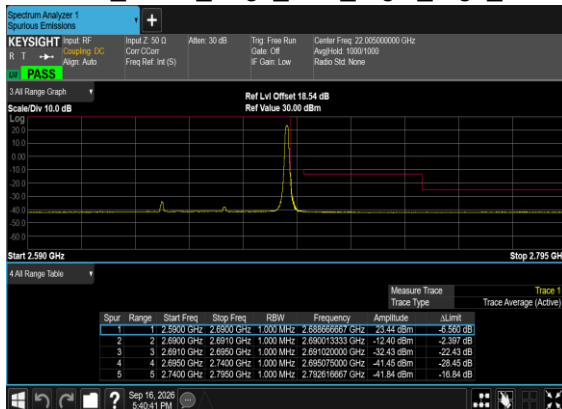
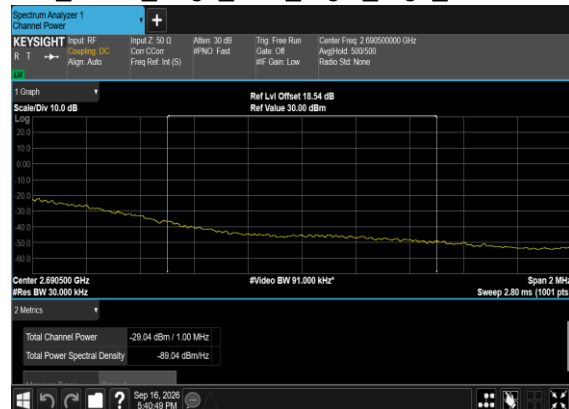
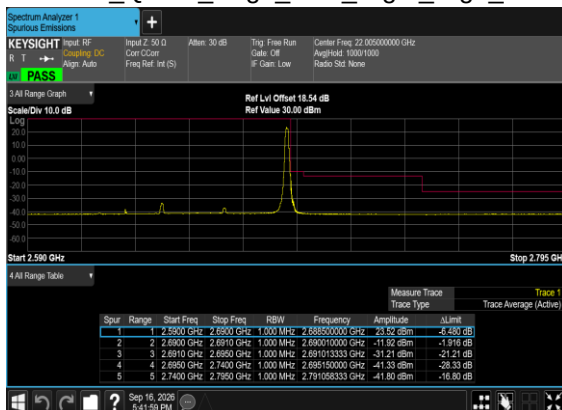
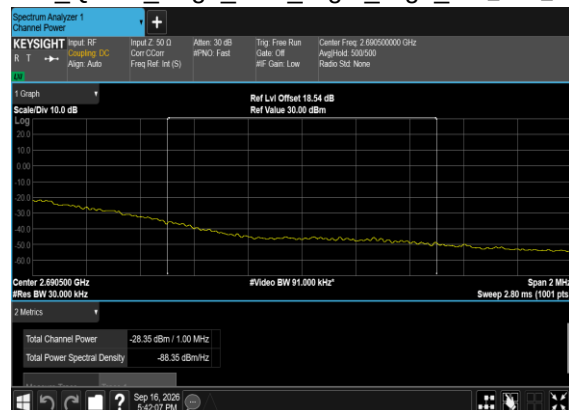


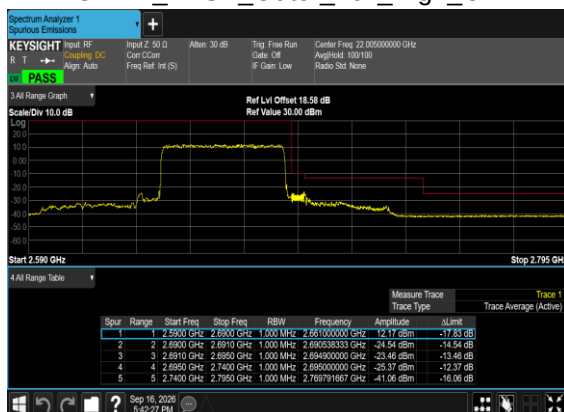
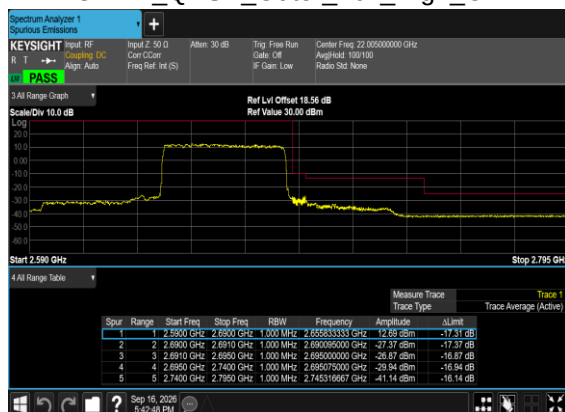
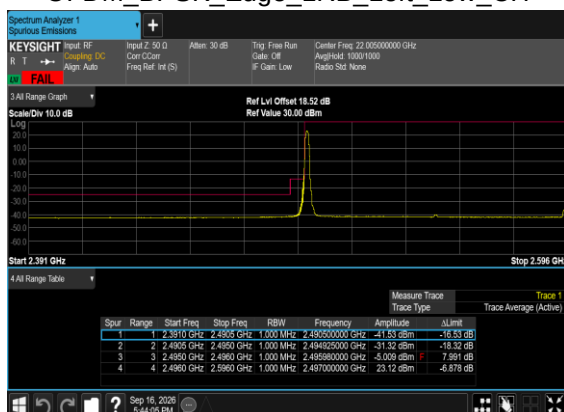
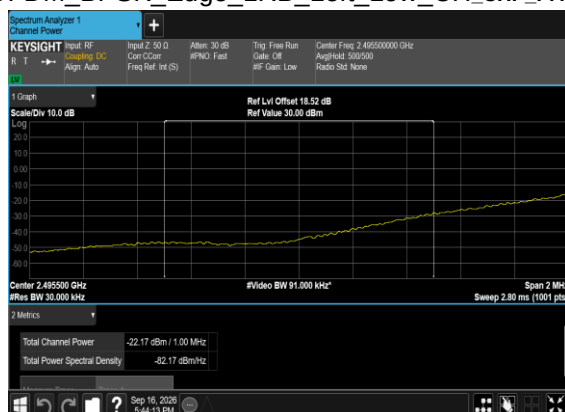
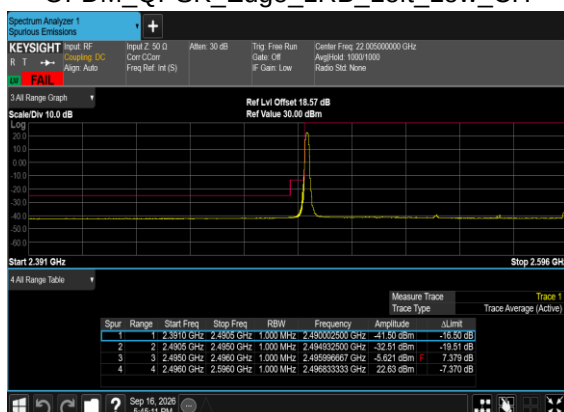
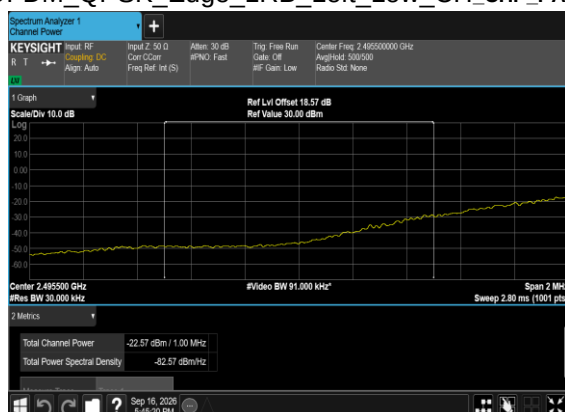
Conducted Band Edge

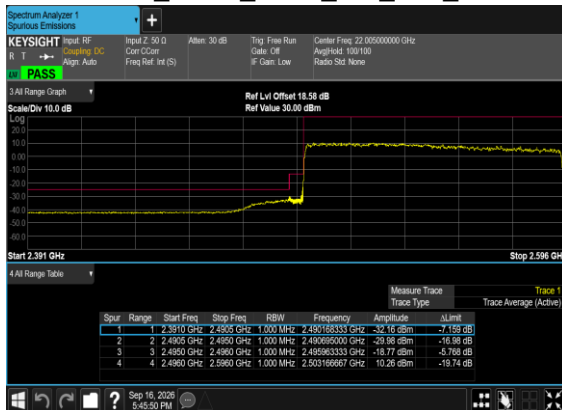
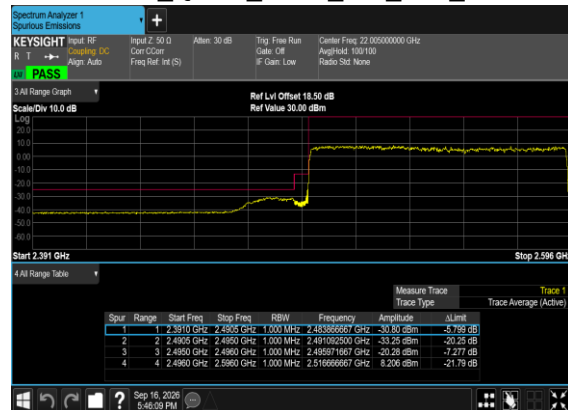
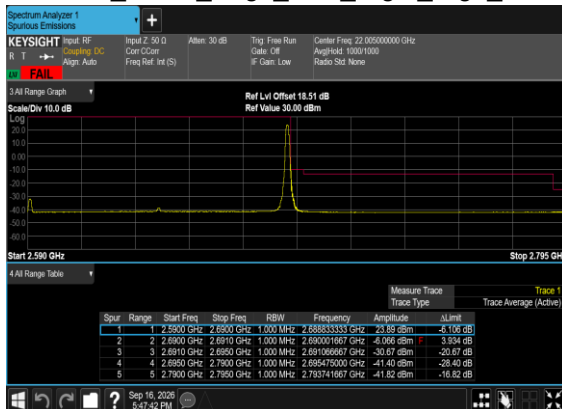
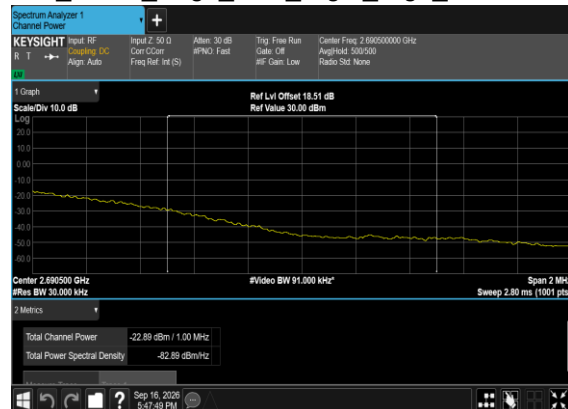
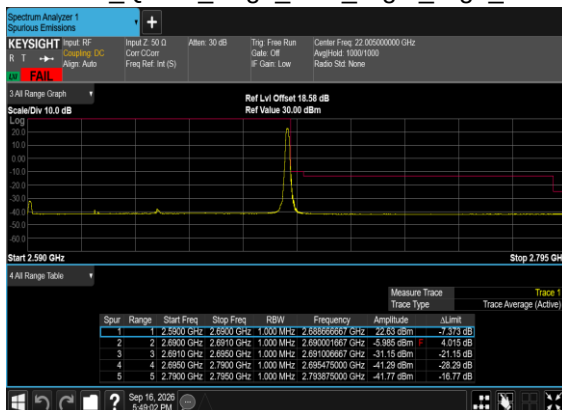
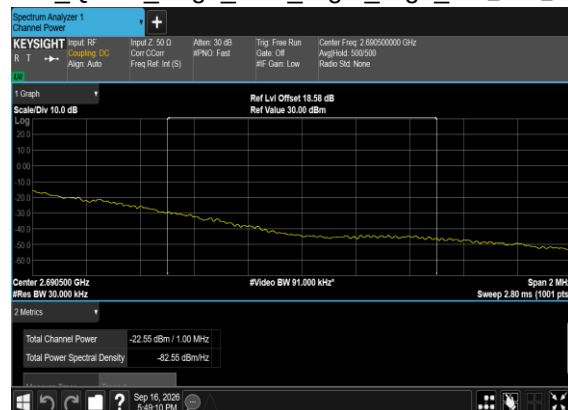
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

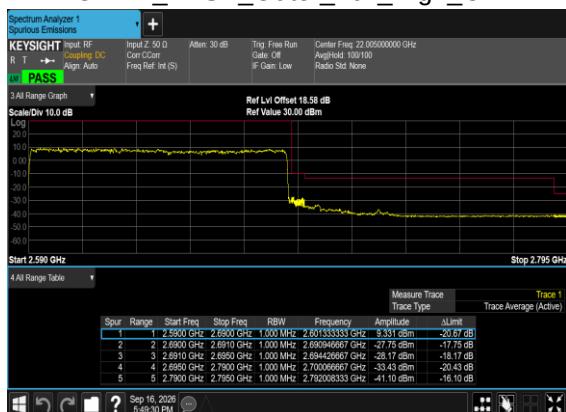
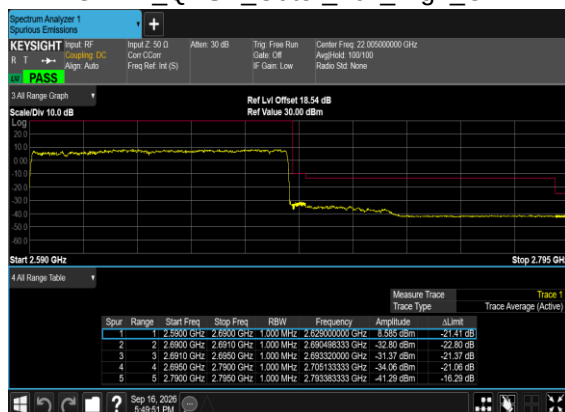
N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHN41(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CHN41(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH_CHP_PASSN41(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CHN41(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH_CHP_PASS

N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CHN41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CHN41(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CHN41(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CHN41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

N41(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CHN41(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CHN41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CHN41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASSN41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CHN41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS

N41(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CHN41(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CHN41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASSN41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHN41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS

N41(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CHN41(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CHN41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CHN41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASSN41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CHN41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS

N41(100M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CHN41(100M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N41 MIMO-ANT2

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.3	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	11.3	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.7	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	16.7	PASS	-30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	19.5	PASS	-20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	16.4	PASS	-10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	18.7	PASS	0℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.1	PASS	10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.3	PASS	20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	16	PASS	30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.3	PASS	40℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	14.3	PASS	50℃

|MAX(Δf)| =19.5 Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	2496.875369	$\geq 2496 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	2689.081633	$\leq 2690 \text{ MHz}$	



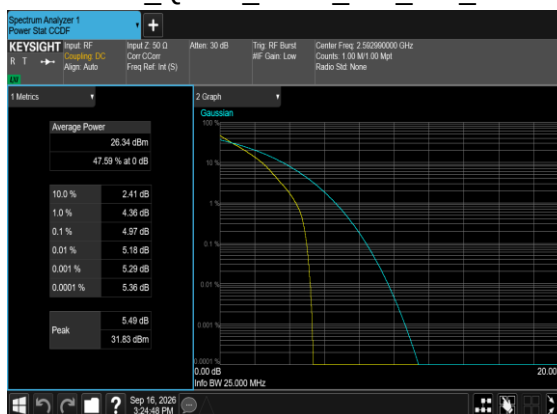
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	3.82	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	4.97	13	PASS

N41(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N41(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



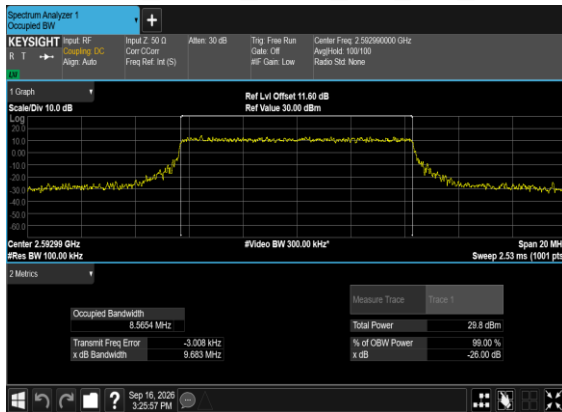
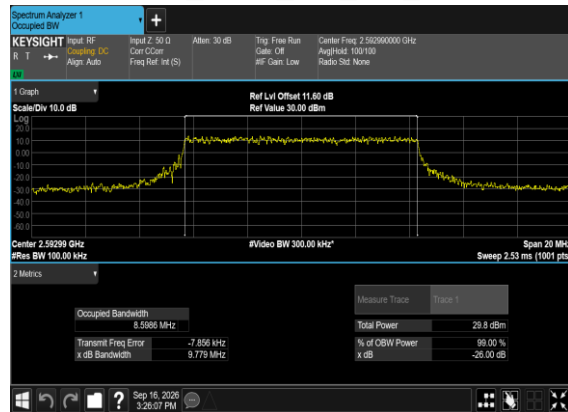
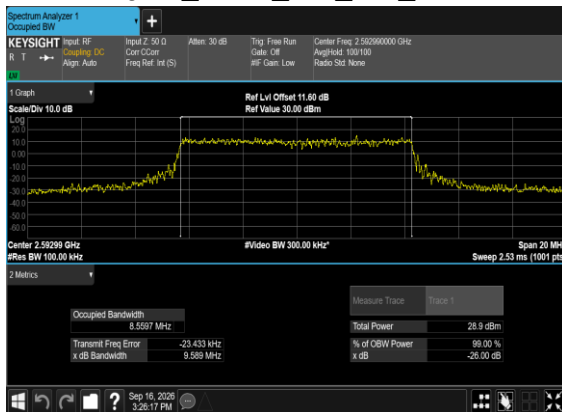
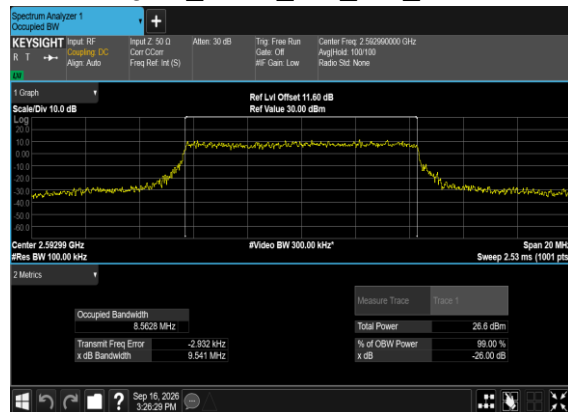
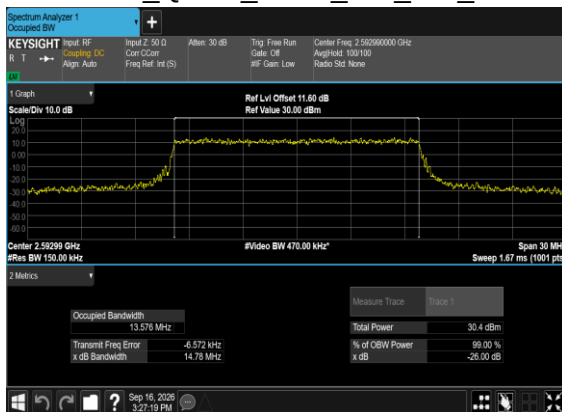
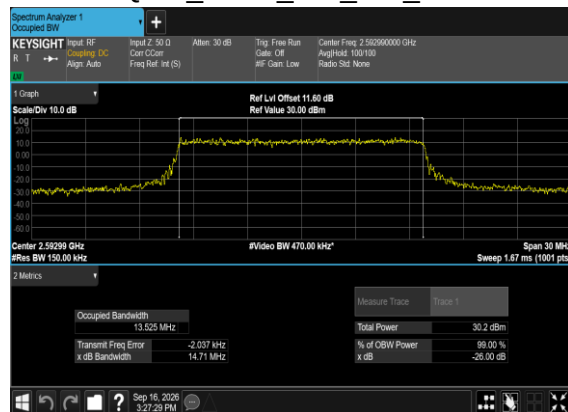


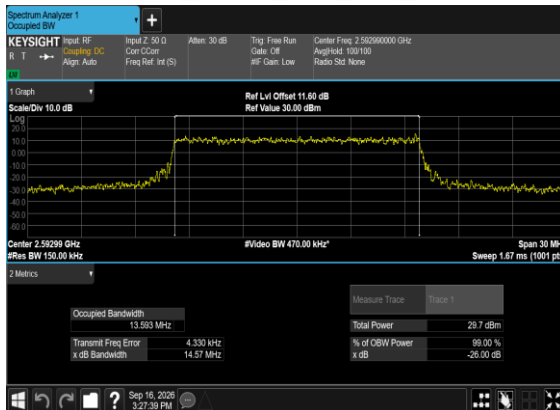
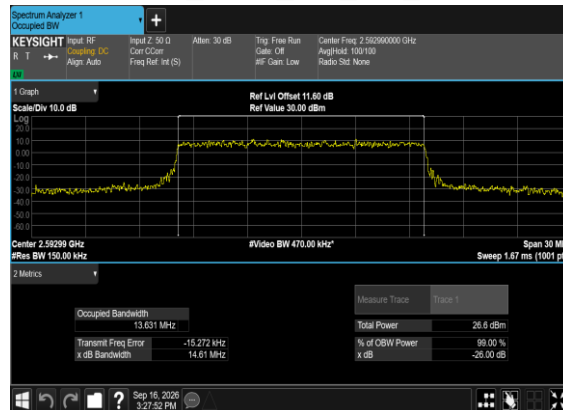
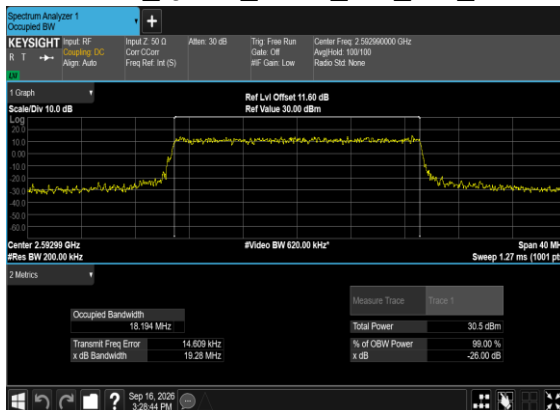
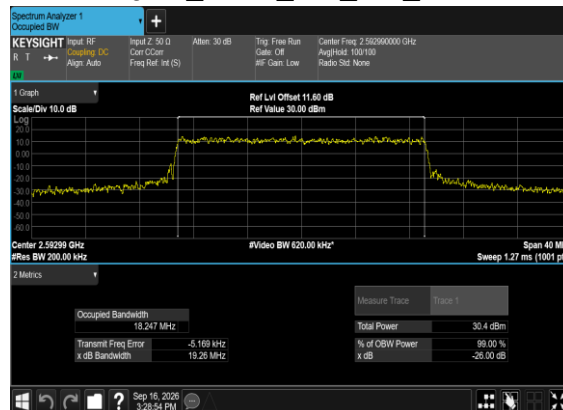
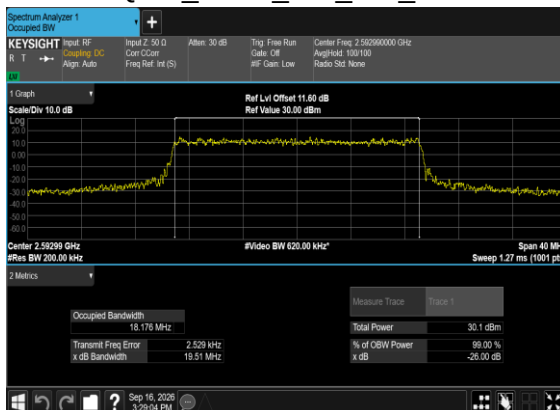
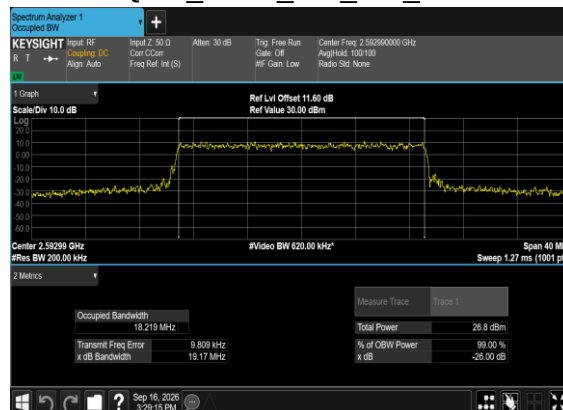
Occupied Bandwidth

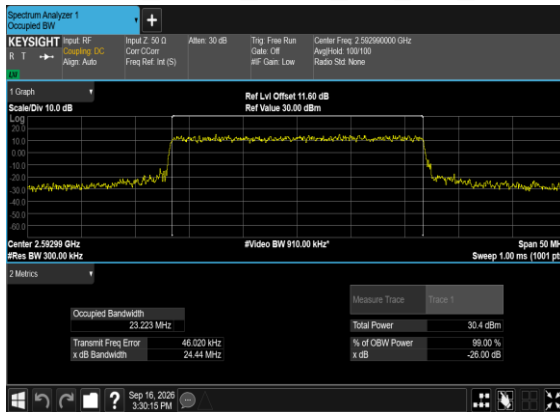
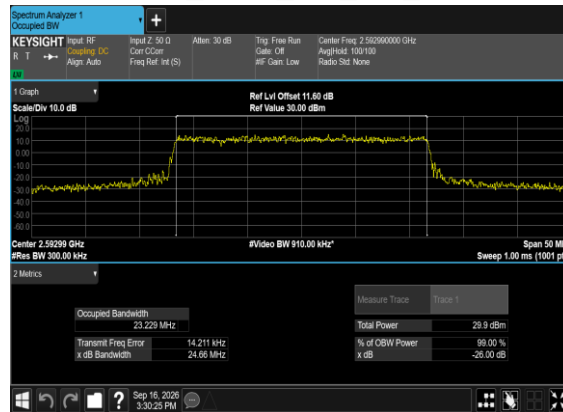
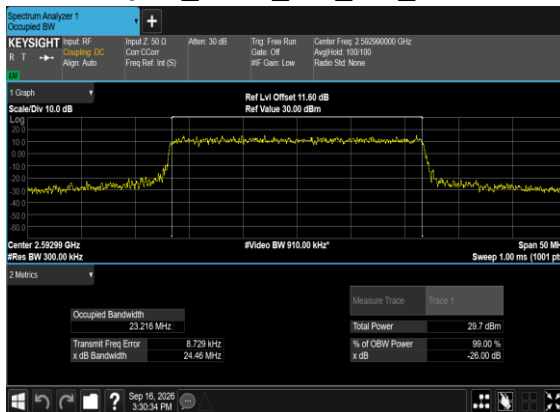
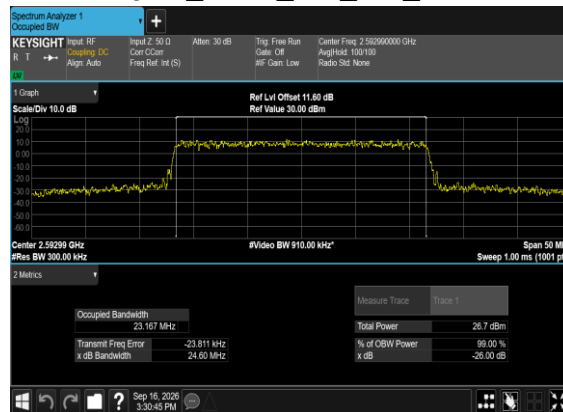
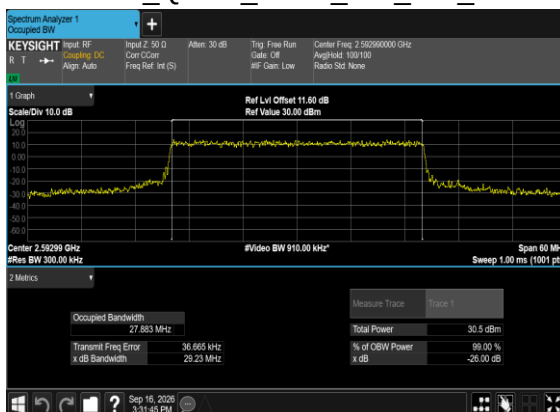
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.5654	9.683
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5986	9.779
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5597	9.589
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5628	9.541
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.576	14.78
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.525	14.71
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.593	14.57
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.631	14.61
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.194	19.28
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.247	19.26
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.176	19.51
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.219	19.17
41	30	25	518598	2592.99	CP-OFDM QPSK	65@0	23.223	24.44
41	30	25	518598	2592.99	CP-OFDM 16 QAM	65@0	23.229	24.66
41	30	25	518598	2592.99	CP-OFDM 64 QAM	65@0	23.216	24.46
41	30	25	518598	2592.99	CP-OFDM 256 QAM	65@0	23.167	24.6
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.883	29.23
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.829	29.34
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.844	29.19
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.825	28.96
41	30	35	518598	2592.99	CP-OFDM QPSK	92@0	32.888	34.51
41	30	35	518598	2592.99	CP-OFDM 16 QAM	92@0	32.834	34.36
41	30	35	518598	2592.99	CP-OFDM 64 QAM	92@0	32.799	34.4
41	30	35	518598	2592.99	CP-OFDM 256 QAM	92@0	32.843	34.3
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.843	39.57
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.92	39.45
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.741	39.4
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.84	39.26
41	30	45	518598	2592.99	CP-OFDM QPSK	119@0	42.472	44.18
41	30	45	518598	2592.99	CP-OFDM 16 QAM	119@0	42.509	44.43
41	30	45	518598	2592.99	CP-OFDM 64 QAM	119@0	42.516	44.02
41	30	45	518598	2592.99	CP-OFDM 256 QAM	119@0	42.556	44.47
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.461	49.23

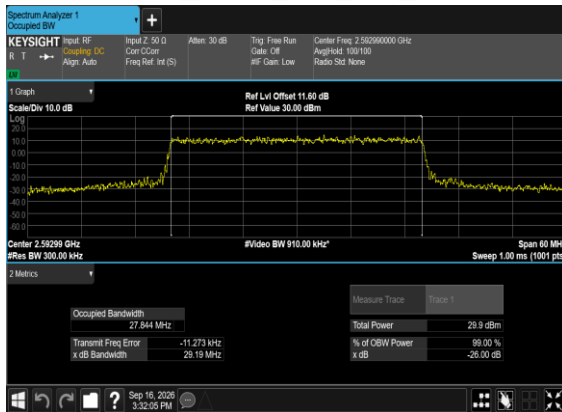
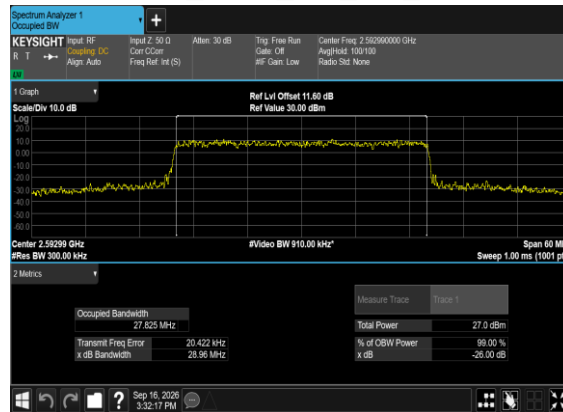
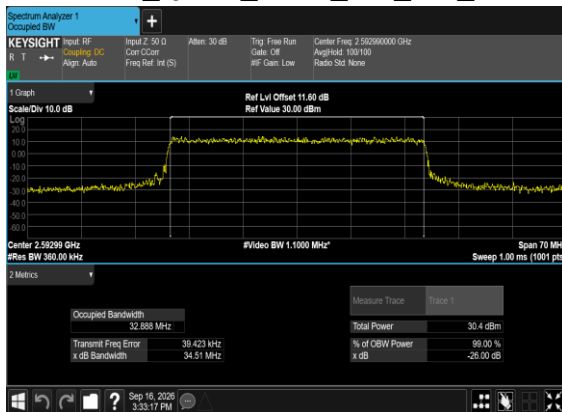
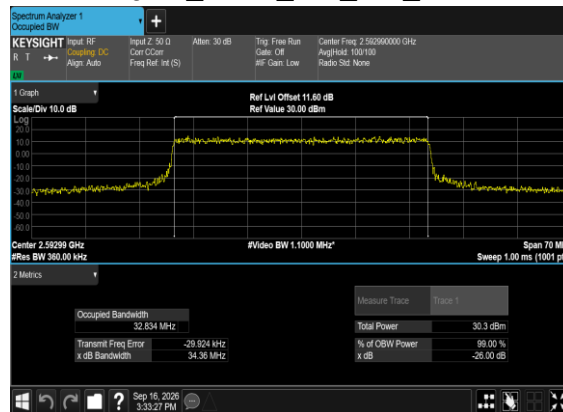
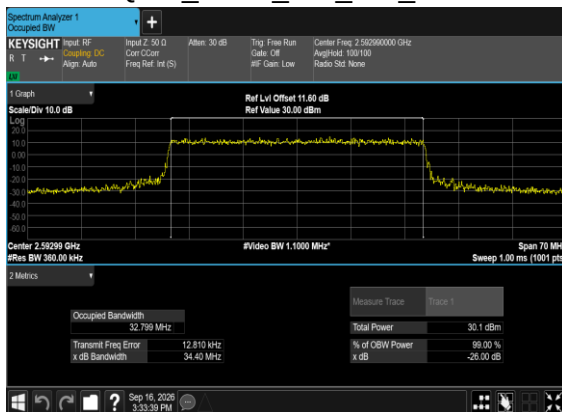
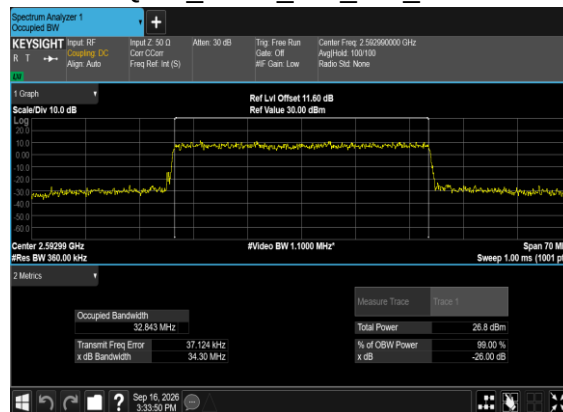


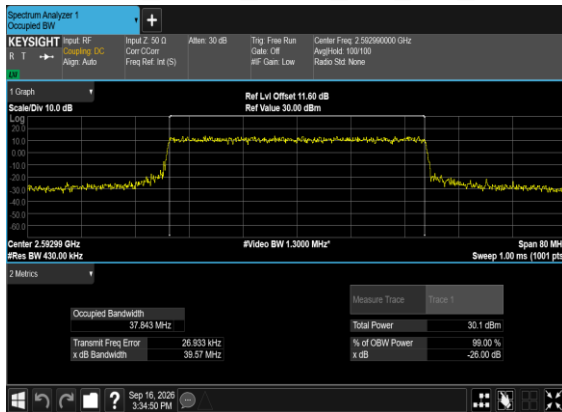
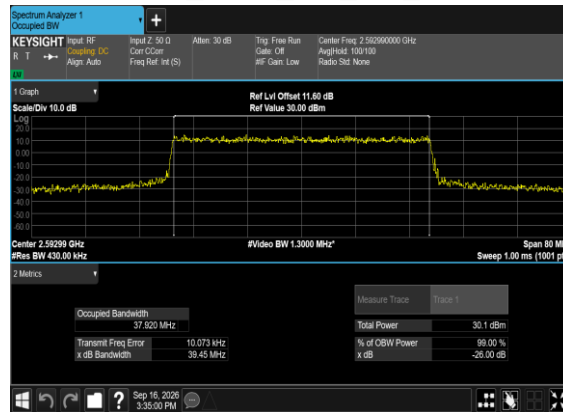
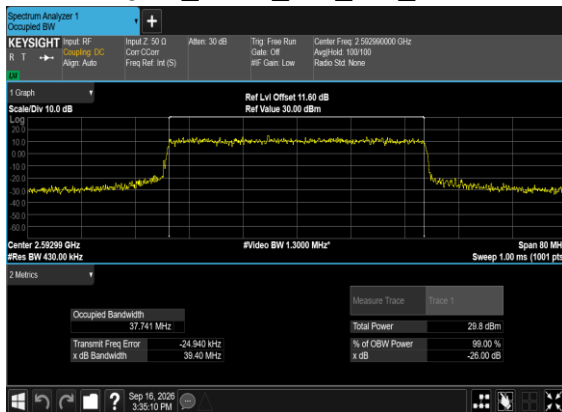
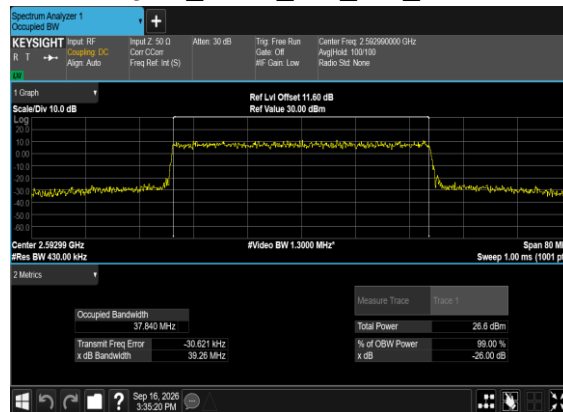
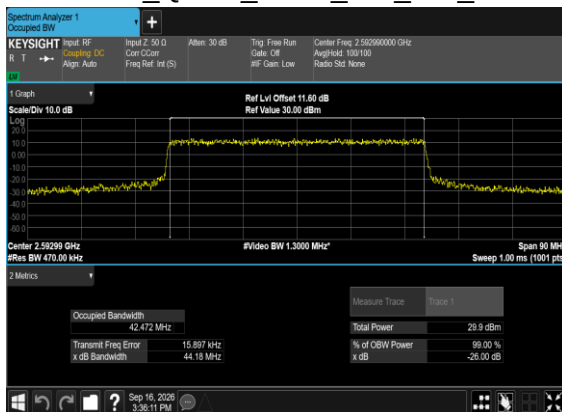
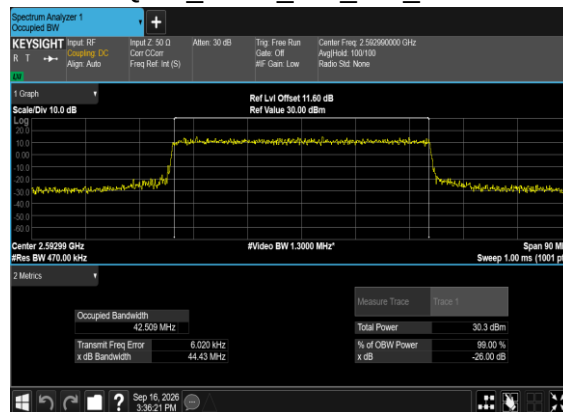
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41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.401	49.24
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.77	59.73
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.861	59.74
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.939	59.94
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.826	59.76
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.338	69.74
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.386	69.93
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.654	69.79
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.601	69.71
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.667	79.76
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.537	79.87
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.511	79.95
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.418	79.9
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.34	90.44
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.506	90.25
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.367	90.27
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.441	90.27
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.543	100.4
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.615	100.6
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.266	100.5
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.689	100.4

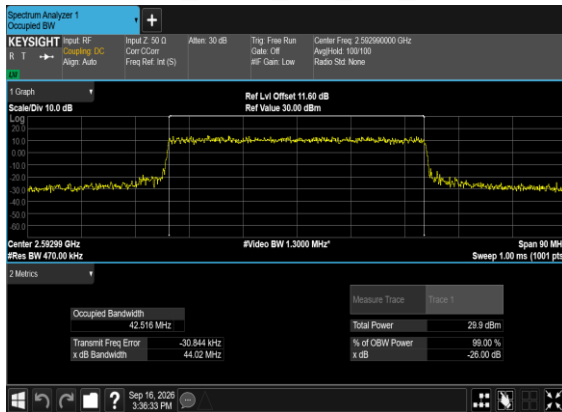
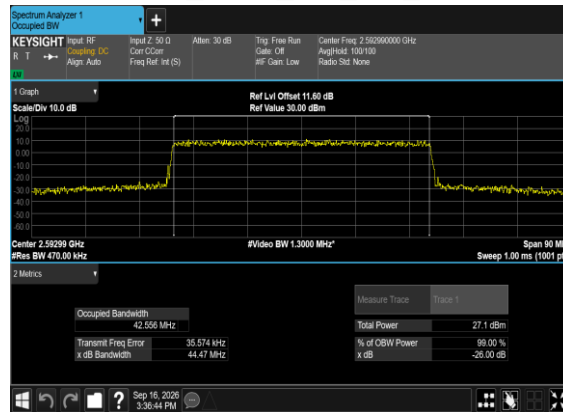
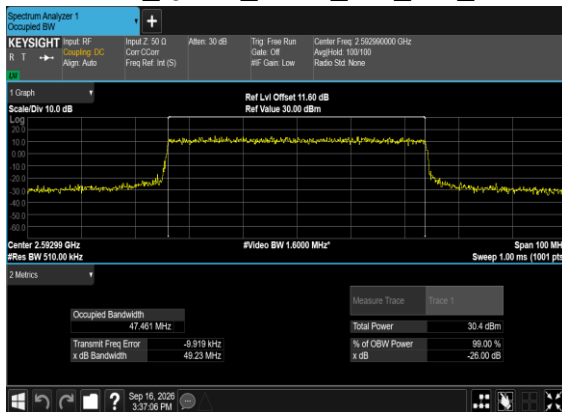
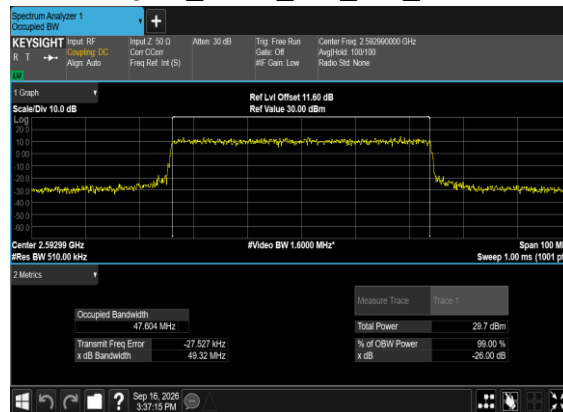
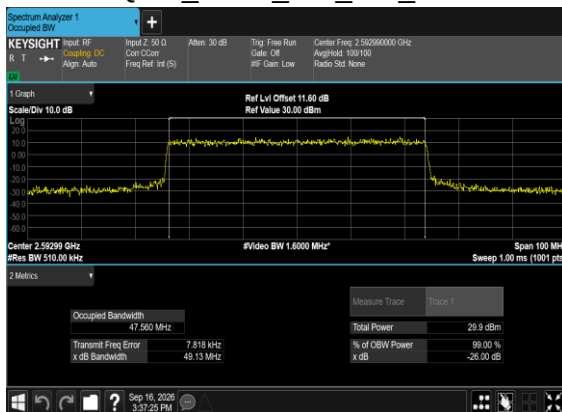
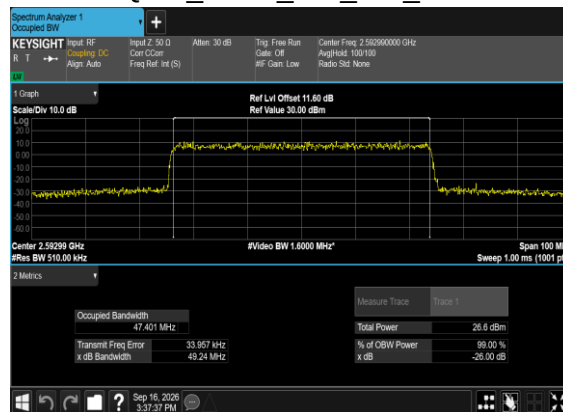
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QAM_Outer_Full_Mid_CHN41(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CHN41(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CHN41(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CHN41(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH

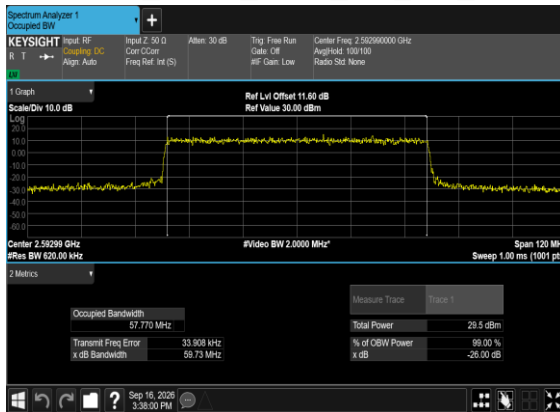
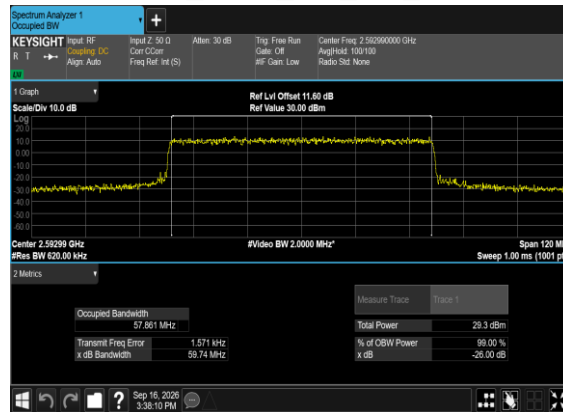
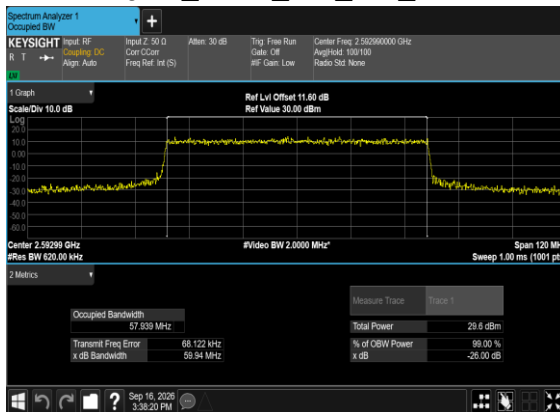
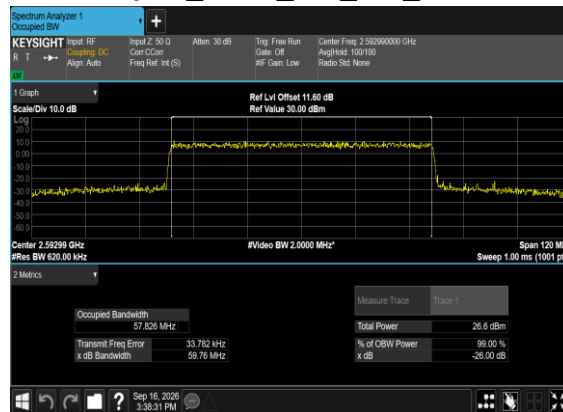
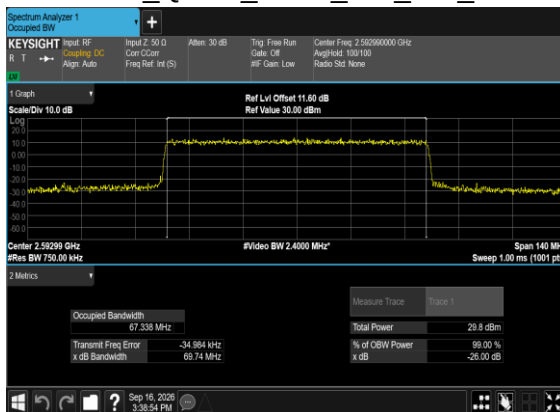
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QAM_Outer_Full_Mid_CHN41(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CHN41(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CHN41(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CHN41(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

N41(25M)_CP-
OFDM_QPSK_Outer_Full_Mid_CHN41(25M)_CP-OFDM_16
QAM_Outer_Full_Mid_CHN41(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CHN41(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CHN41(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CHN41(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH

N41(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CHN41(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CHN41(35M)_CP-
OFDM_QPSK_Outer_Full_Mid_CHN41(35M)_CP-OFDM_16
QAM_Outer_Full_Mid_CHN41(35M)_CP-OFDM_64
QAM_Outer_Full_Mid_CHN41(35M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

N41(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CHN41(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CHN41(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CHN41(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CHN41(45M)_CP-
OFDM_QPSK_Outer_Full_Mid_CHN41(45M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH

N41(45M)_CP-OFDM_64
QAM_Outer_Full_Mid_CHN41(45M)_CP-OFDM_256
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QAM_Outer_Full_Mid_CHN41(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

N41(60M)_CP-
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QAM_Outer_Full_Mid_CHN41(60M)_CP-OFDM_256
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