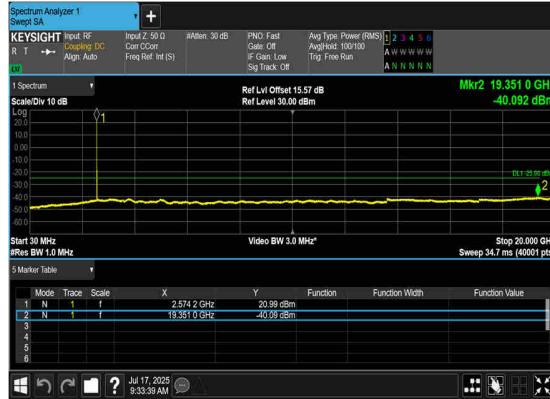
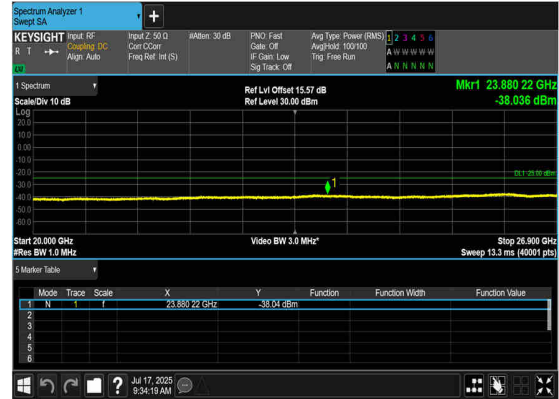




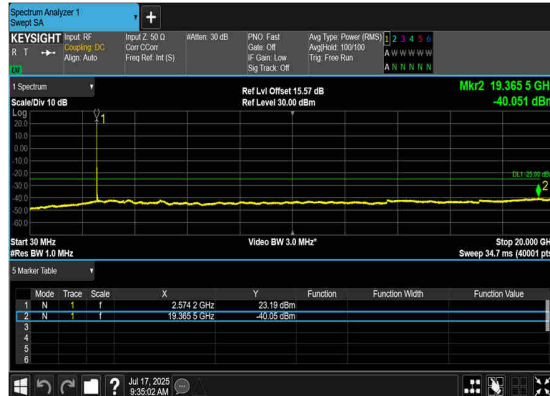
N41(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

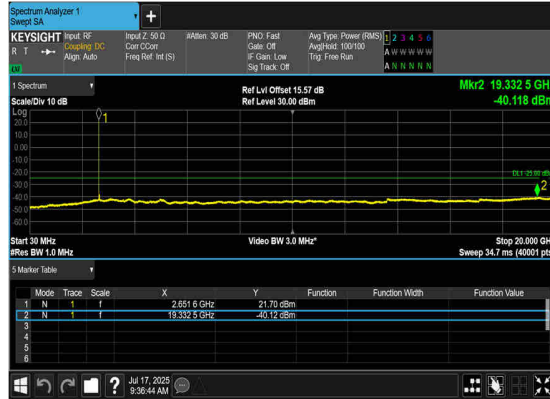


N41(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

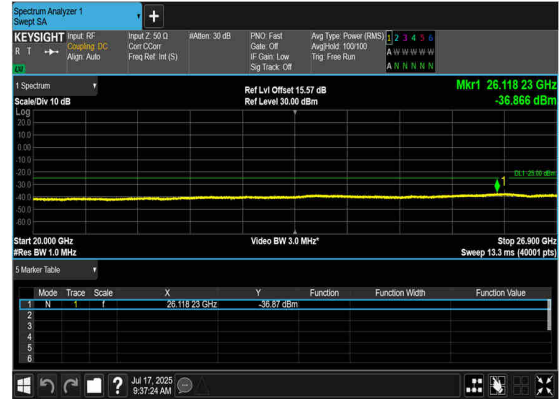




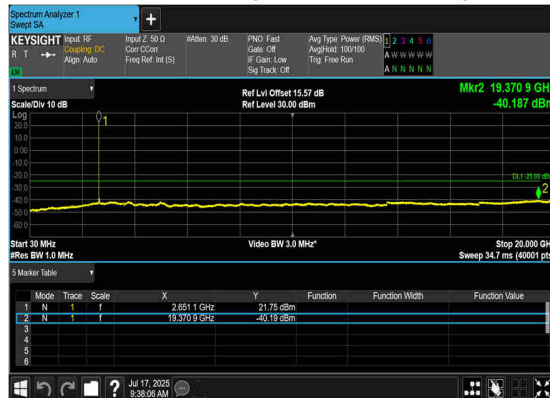
N41(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

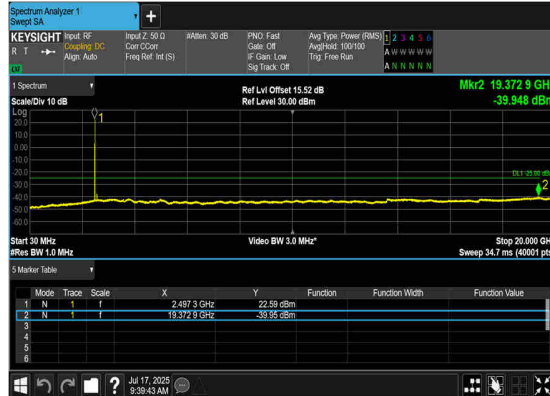


N41(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

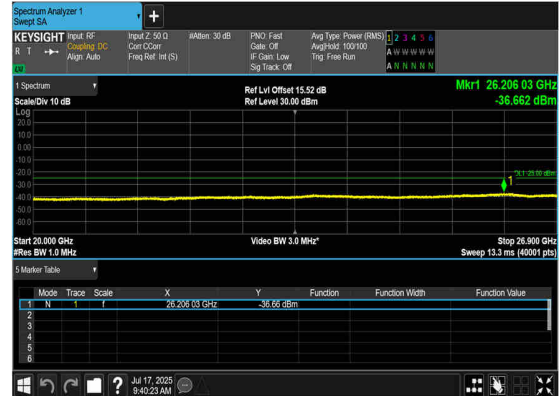




N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

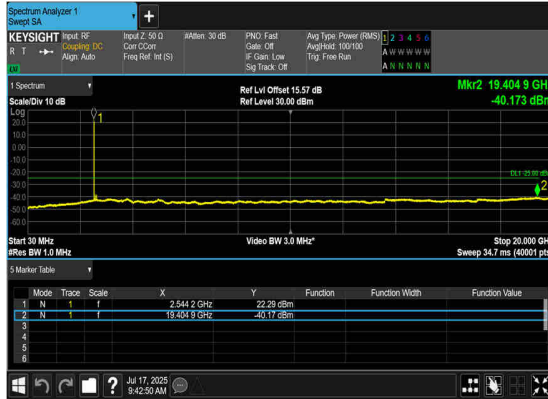


N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

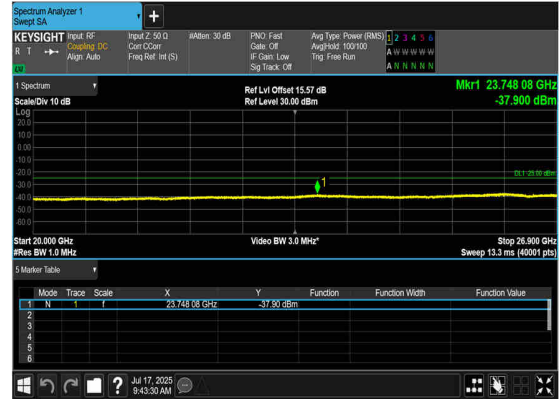




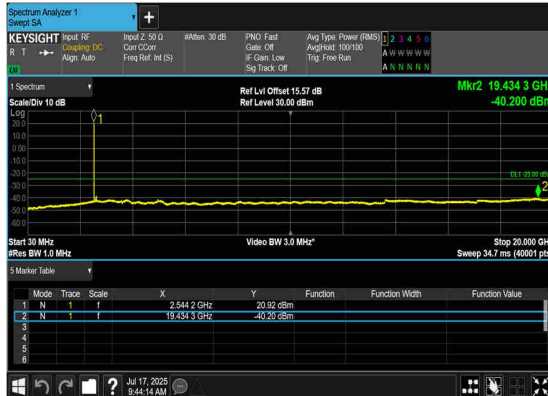
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

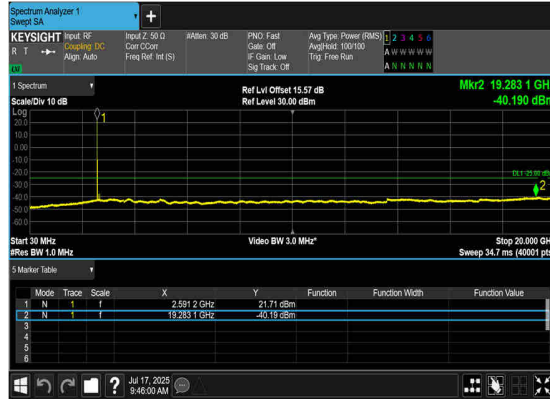


N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

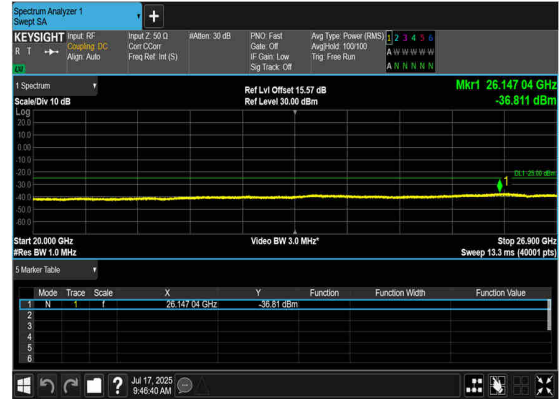




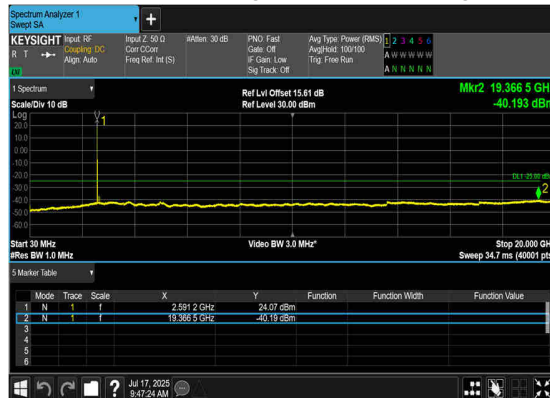
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



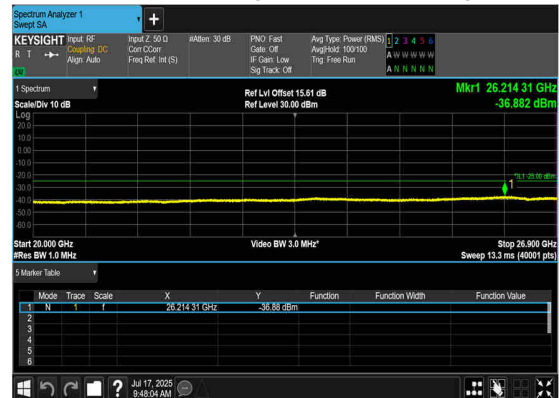
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



**Conducted Band Edge**

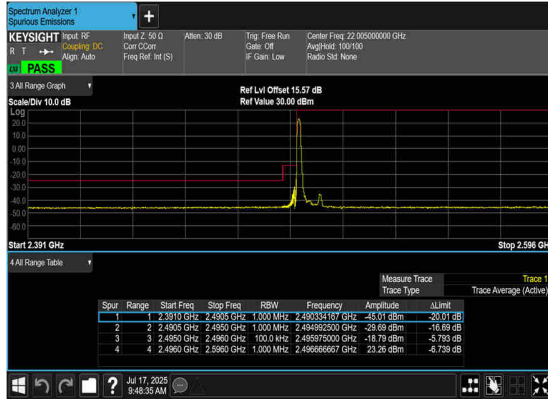
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0	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	40	503202	2516.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	40	503202	2516.01	DFT-s-OFDM BPSK	100@0	see graph	PASS
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	100@0	see graph	PASS
41	30	40	534000	2670.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
41	30	40	534000	2670.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
41	30	40	534000	2670.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
41	30	40	534000	2670.0	DFT-s-OFDM QPSK	100@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



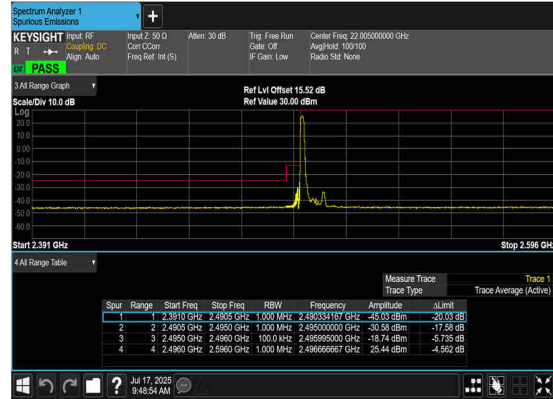
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	PASS



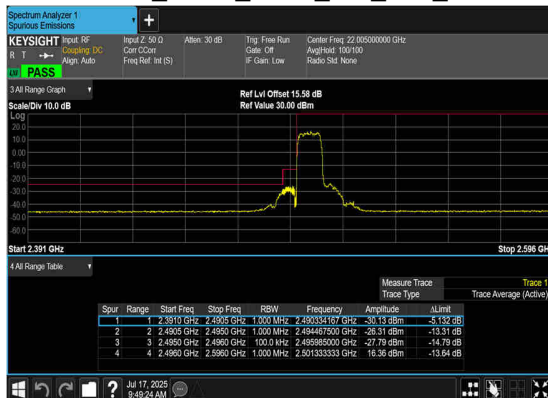
N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



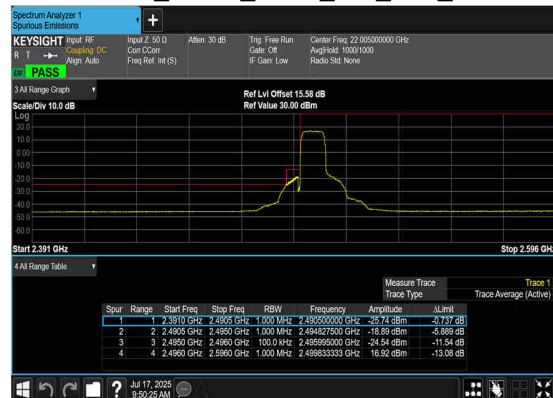
N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

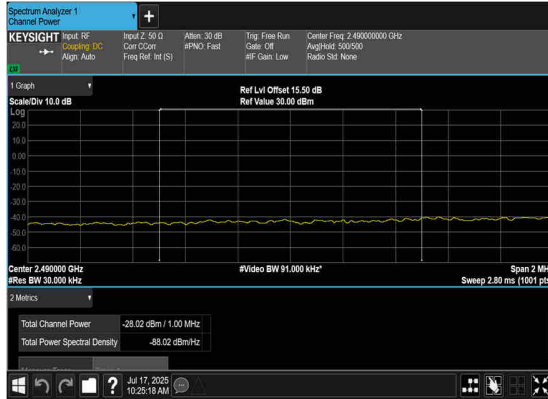


N41(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

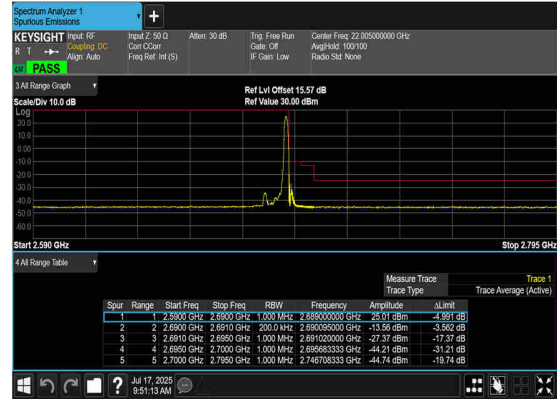




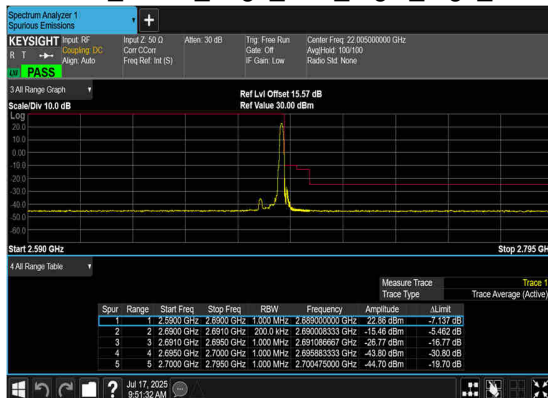
N41(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH_CHP_PASS



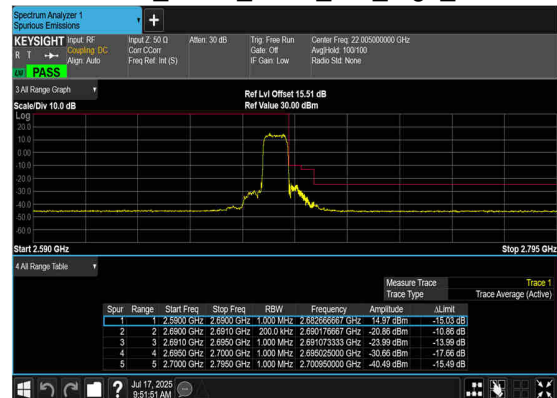
N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

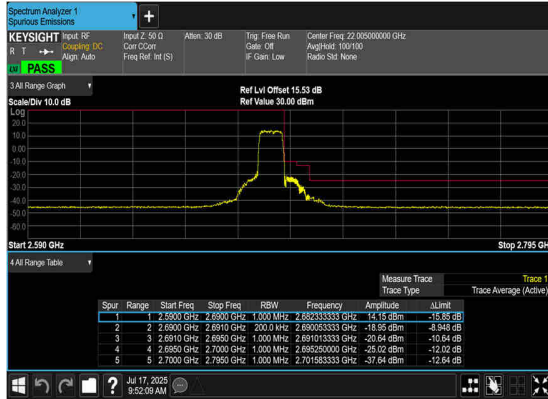


N41(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

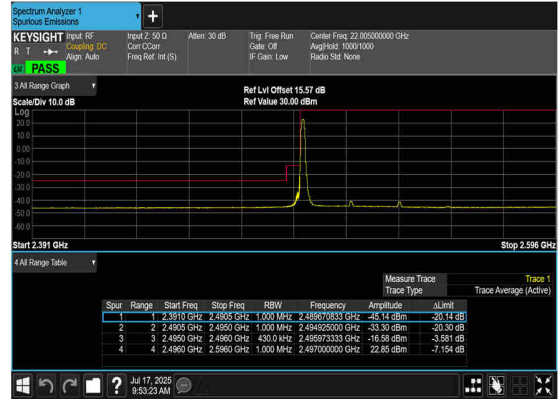




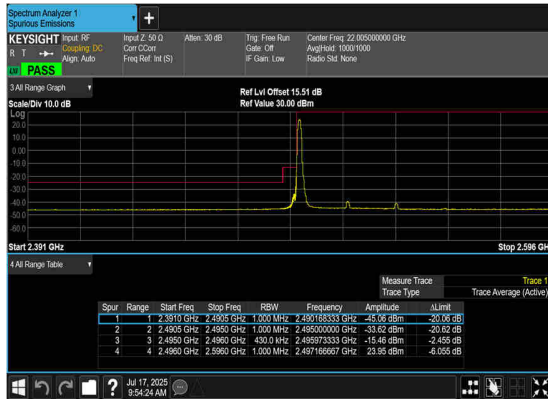
N41(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



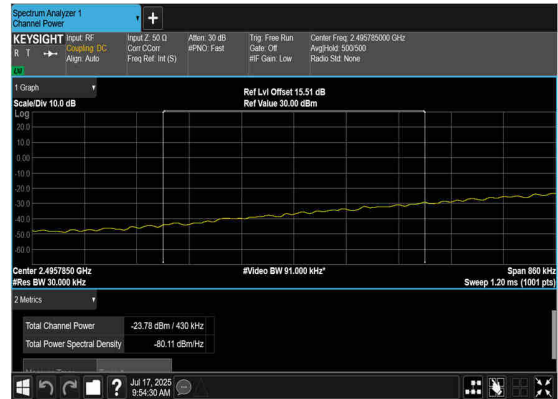
N41(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

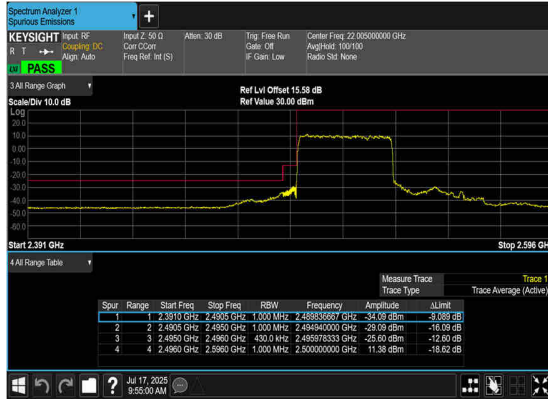


N41(40M)_DFT-s-OFDM_QPSK
_Edge_1RB_Left_Low_CH_chp_PASS





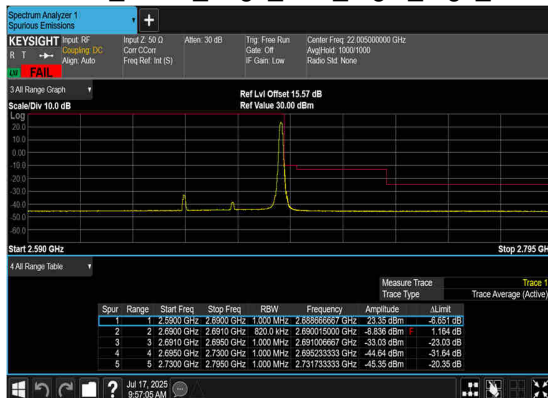
N41(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



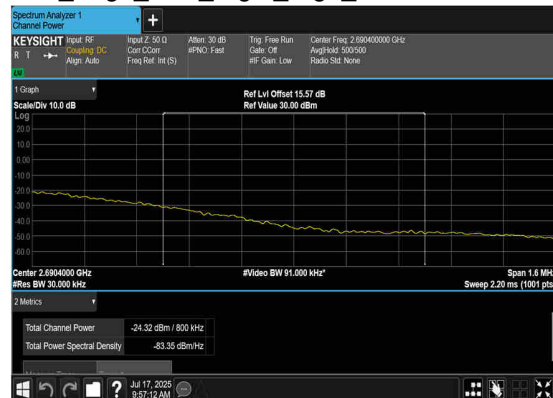
N41(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N41(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

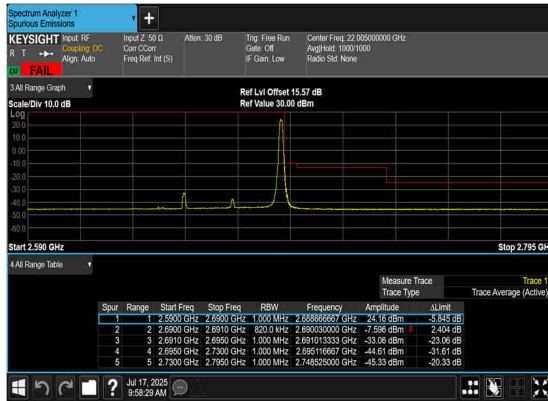


N41(40M)_DFT-s-OFDM_BPSK
_Edge_1RB_Right_High_CH_CHP_PASS

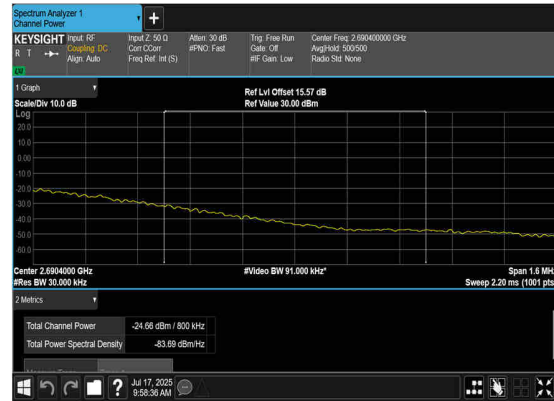




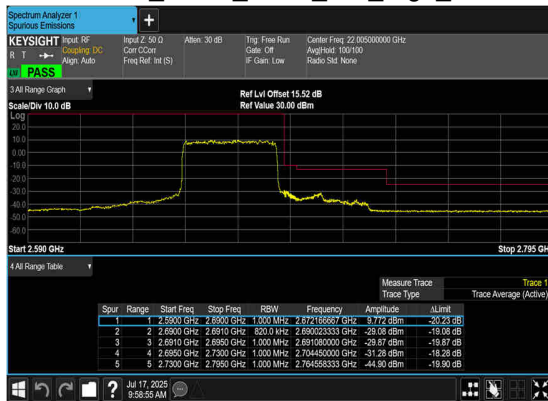
N41(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



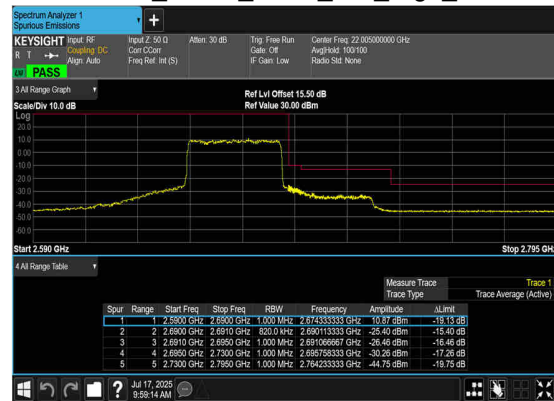
N41(40M)_DFT-s-OFDM_QPSK
_Edge_1RB_Right_High_CH_CHP_PASS



N41(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

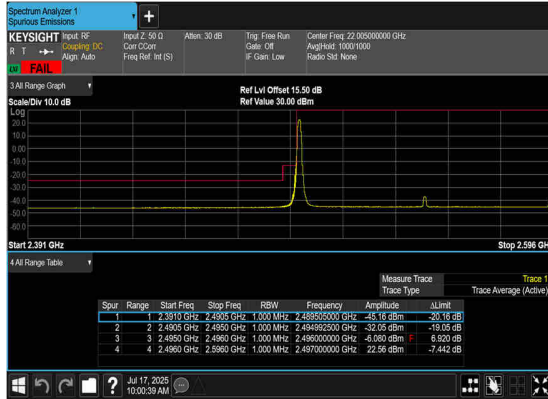


N41(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

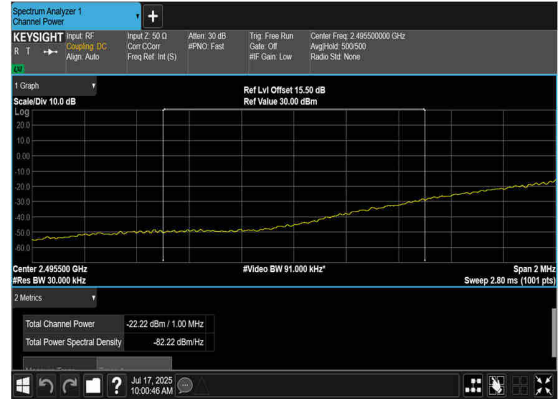




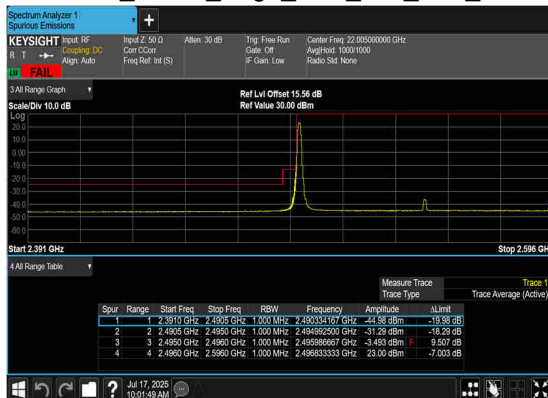
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



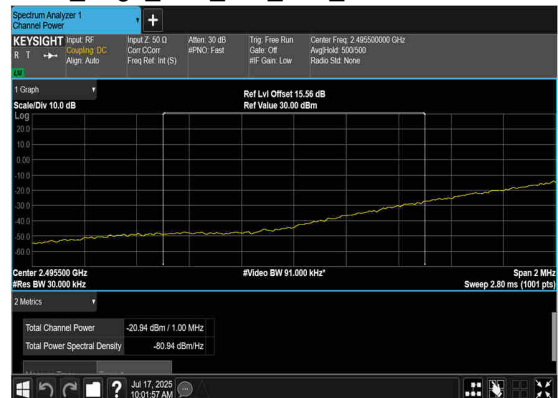
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_chp_PASS



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

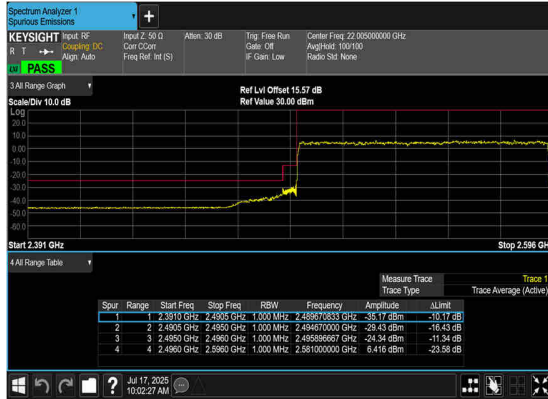


N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_chp_PASS





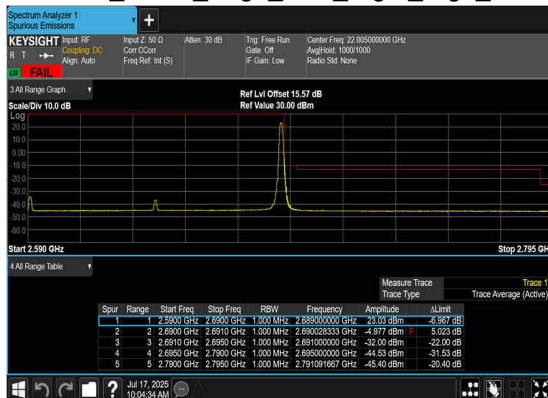
N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



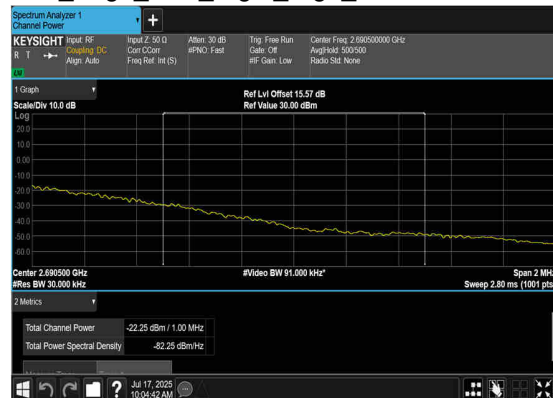
N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

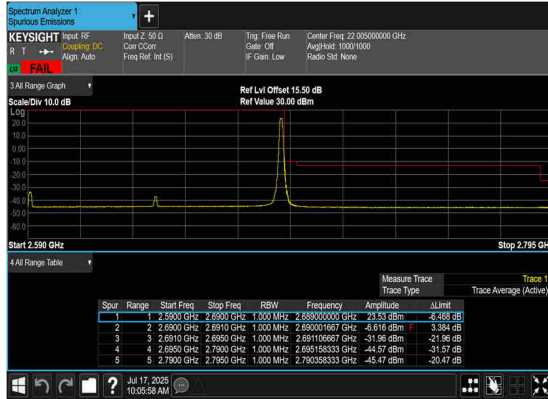


N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS

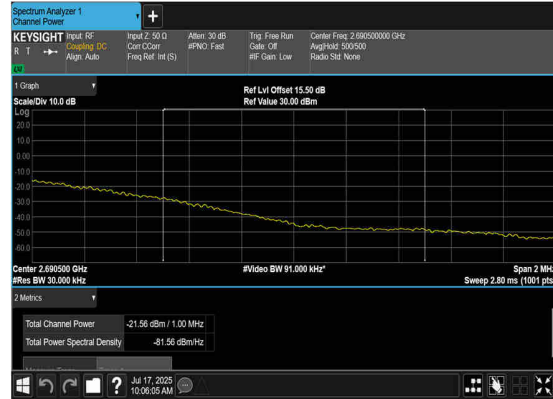




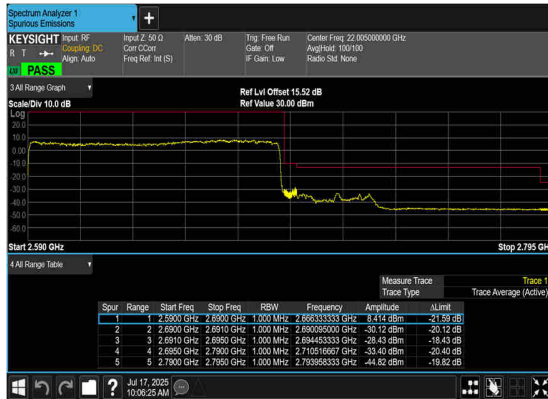
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



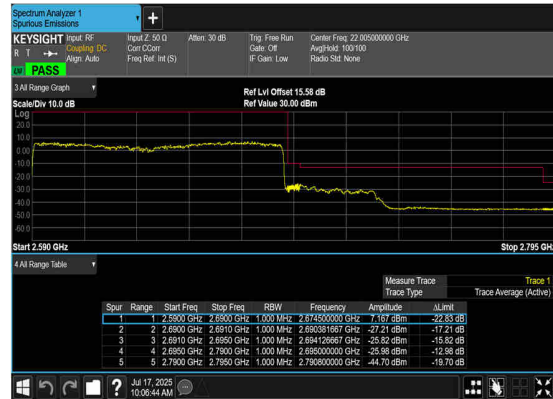
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





FR1 N41 Main PA (ANT6)

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	13.5	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	10.1	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	16.7	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	10.2	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	11.3	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	16.2	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	11.3	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.5	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	11.5	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.3	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.3	PASS	50°C

|MAX(Δf)| = 17.3 Hz

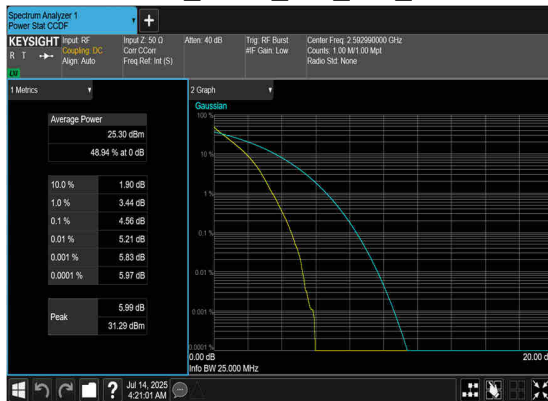
Frequency Stability	Frequency (MHz)	Limit Line	Result
fL - MAX(Δf)	2496.869183	≥ 2496 MHz	PASS
fH + MAX(Δf)	2688.741217	≤ 2690 MHz	



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	DFT-s-OFDM PI/2 BPSK	50@0	4.56	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	5.86	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	8.5672	9.843
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5668	9.509
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5861	9.491
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5497	9.288
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.555	14.79
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.633	14.88
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.479	14.49
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.571	14.7
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.21	19.72
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.191	19.4
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.238	19.29
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.186	19.18
41	30	25	518598	2592.99	CP-OFDM QPSK	65@0	23.197	24.19
41	30	25	518598	2592.99	CP-OFDM 16 QAM	65@0	23.174	24.36
41	30	25	518598	2592.99	CP-OFDM 64 QAM	65@0	23.172	24.59
41	30	25	518598	2592.99	CP-OFDM 256 QAM	65@0	23.112	24.36
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.837	29.5
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.903	29.17
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.874	29.03
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.831	29.25
41	30	35	518598	2592.99	CP-OFDM QPSK	92@0	32.79	34.77
41	30	35	518598	2592.99	CP-OFDM 16 QAM	92@0	32.83	34.32



41	30	35	518598	2592.99	CP-OFDM 64 QAM	92@0	32.834	34.42
41	30	35	518598	2592.99	CP-OFDM 256 QAM	92@0	32.75	34.35
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.798	39.67
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.711	39.21
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.791	39.24
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.828	39.48
41	30	45	518598	2592.99	CP-OFDM QPSK	119@0	42.394	44.18
41	30	45	518598	2592.99	CP-OFDM 16 QAM	119@0	42.411	44.28
41	30	45	518598	2592.99	CP-OFDM 64 QAM	119@0	42.333	43.81
41	30	45	518598	2592.99	CP-OFDM 256 QAM	119@0	42.496	44.15
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.375	49.39
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.471	49.03
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.411	49.14
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.35	49.35
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.941	59.8
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.826	59.57
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.699	59.67
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.82	59.69
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.531	69.72
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.436	70.02
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.485	69.77
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.648	69.59
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.377	80.24
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.425	79.86
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.46	79.86



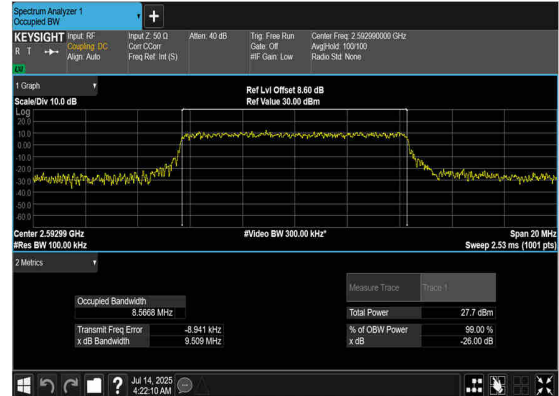
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.665	79.86
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.459	90.26
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.147	90.29
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.501	90.33
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.43	90.23
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.393	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.493	100.5
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.425	100.4
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.533	100.6



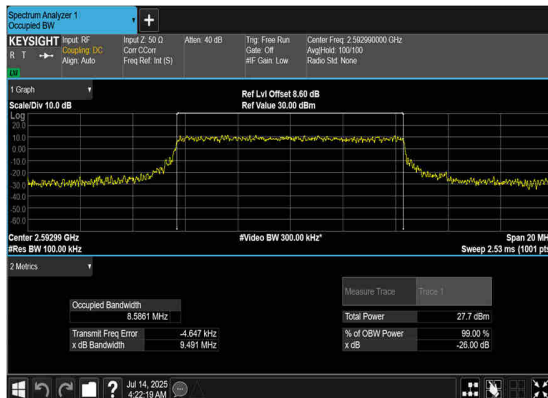
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QAM_Outer_Full_Mid_CH



N41(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

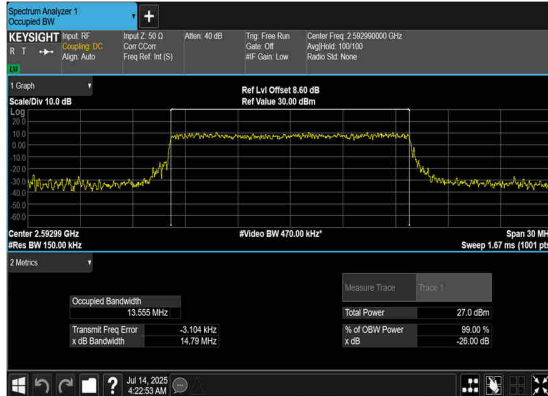


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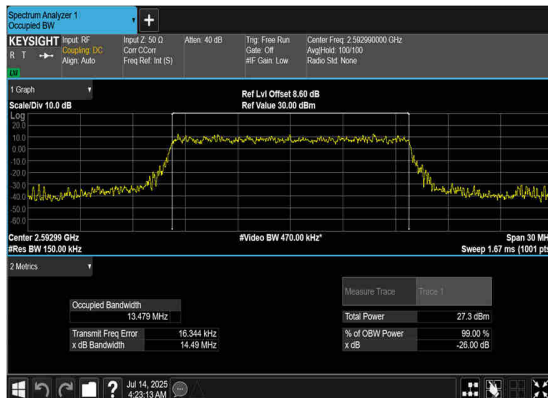
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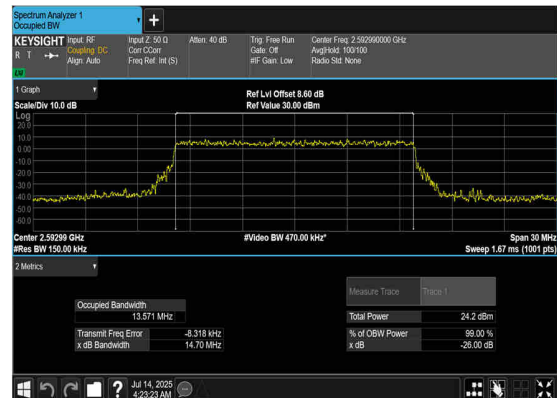
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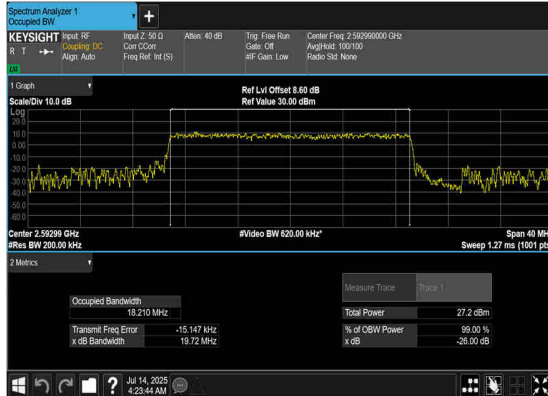


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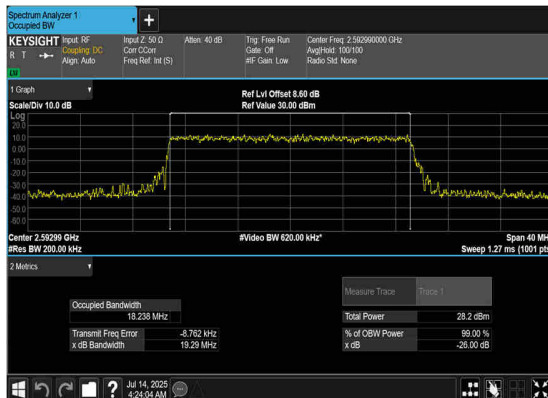
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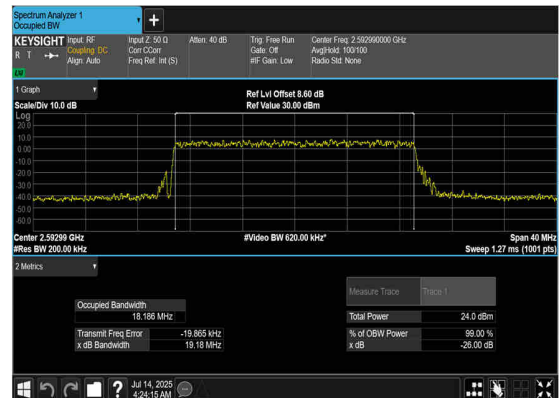
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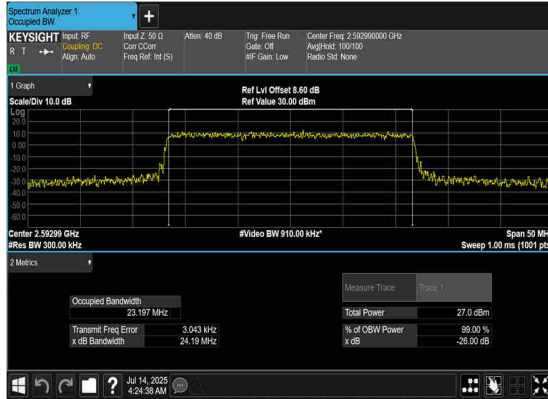


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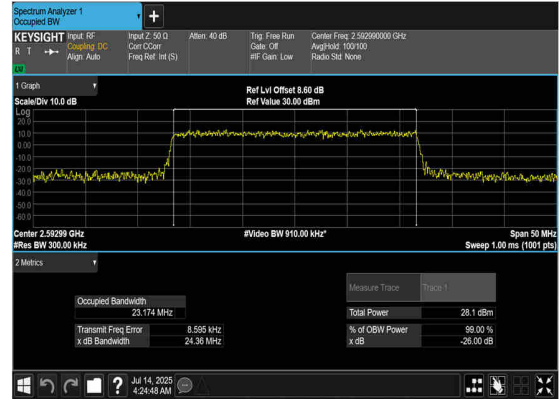




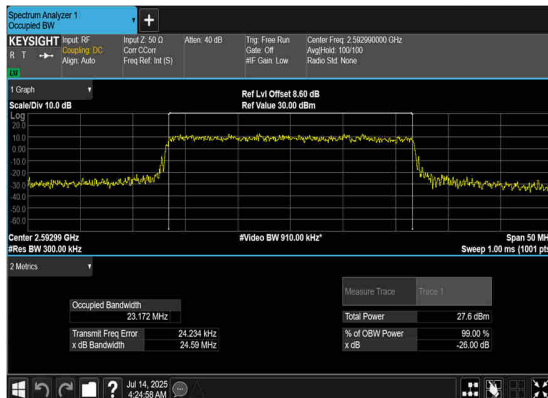
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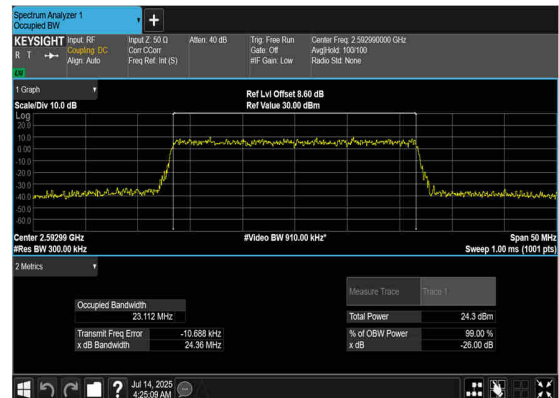
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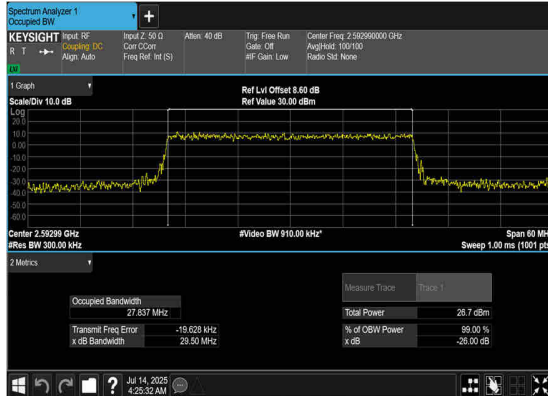


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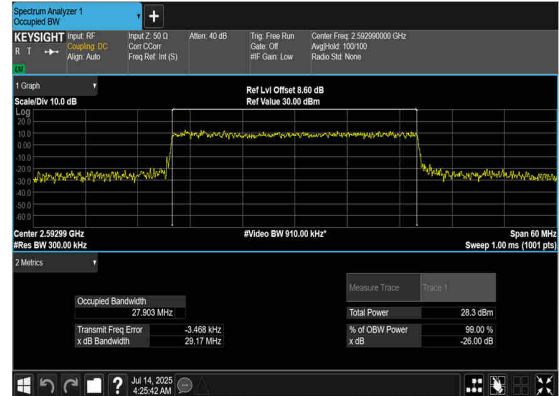




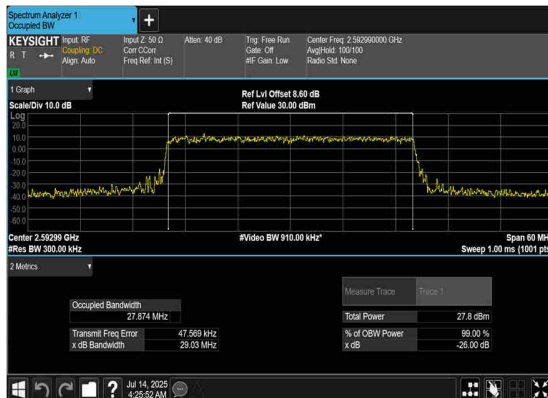
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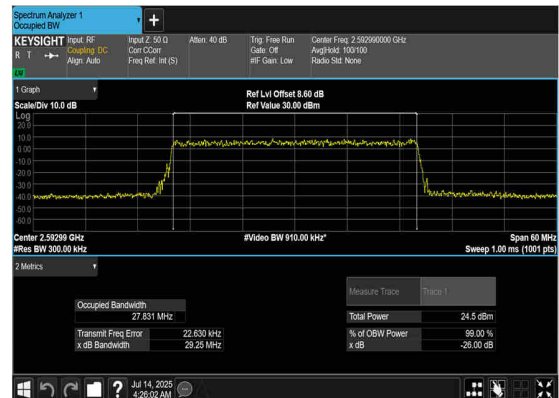
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QAM_Outer_Full_Mid_CH



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QAM_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

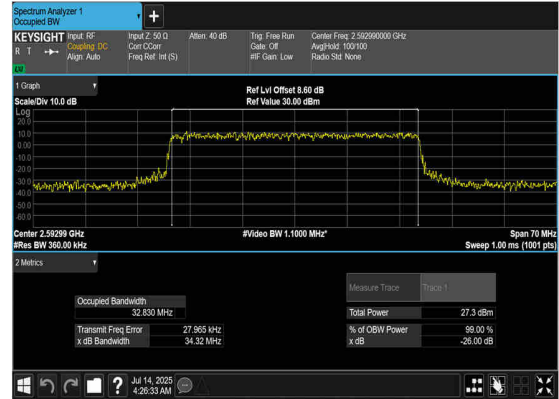




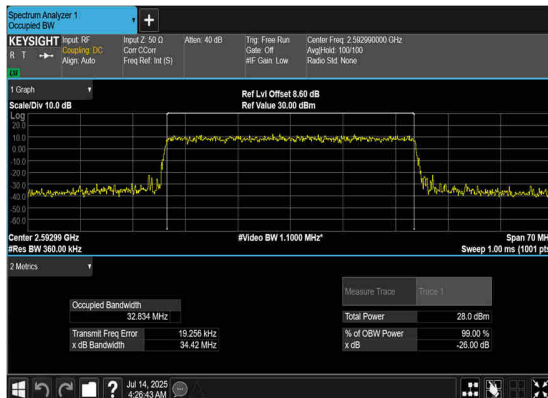
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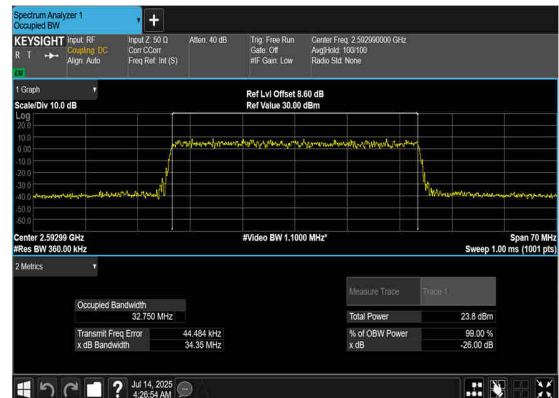
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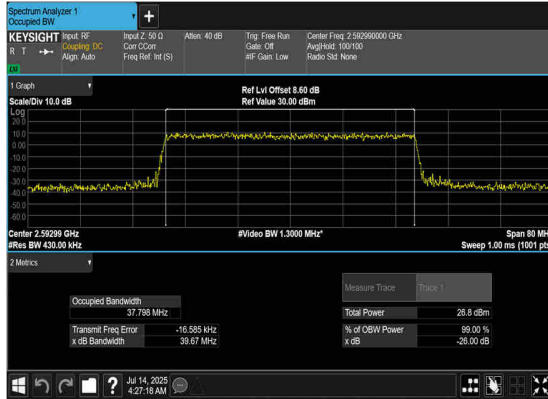


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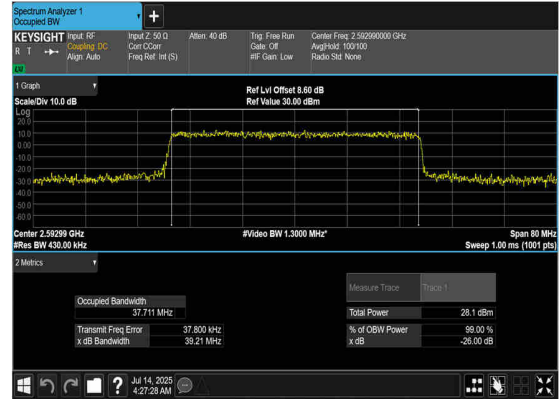




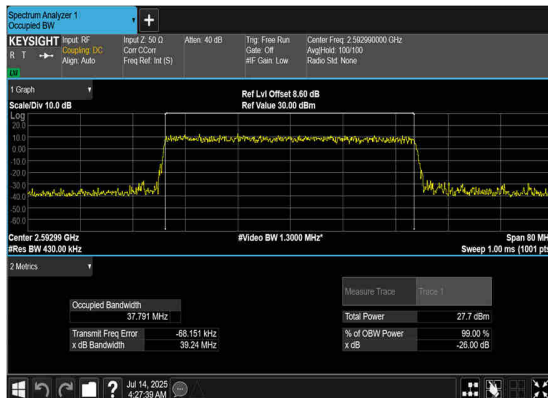
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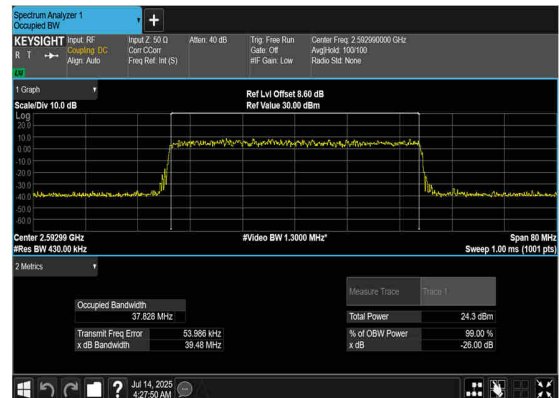
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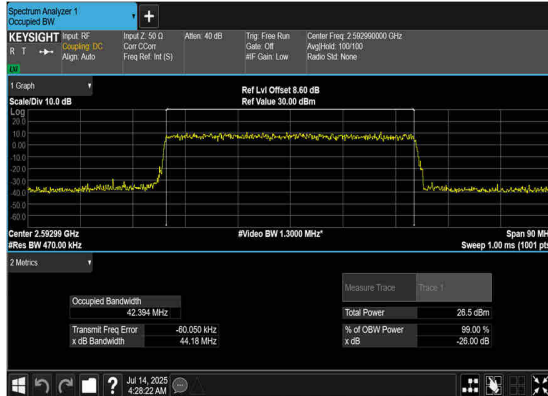


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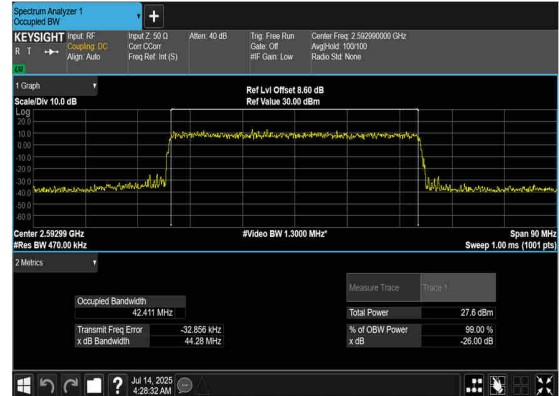




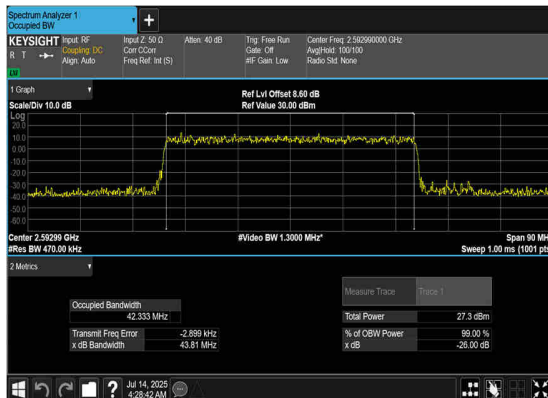
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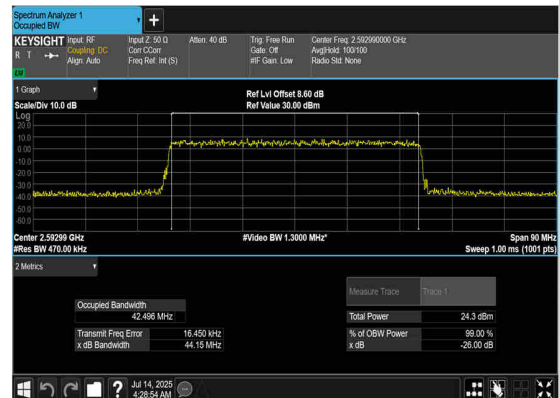
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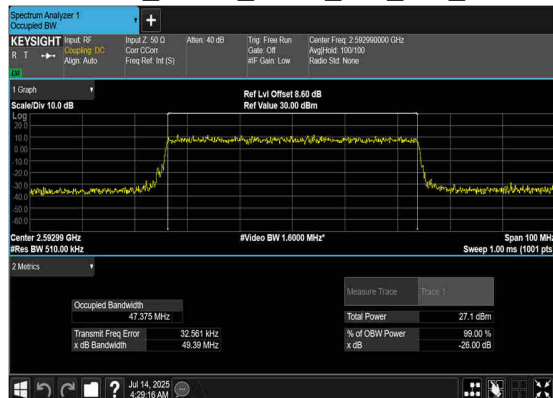


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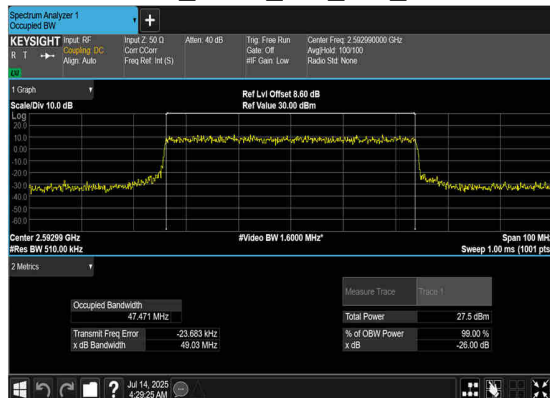




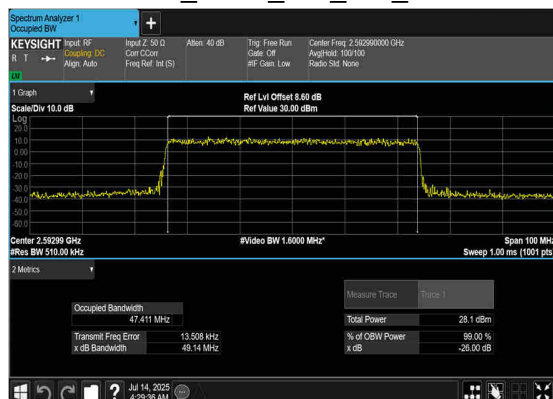
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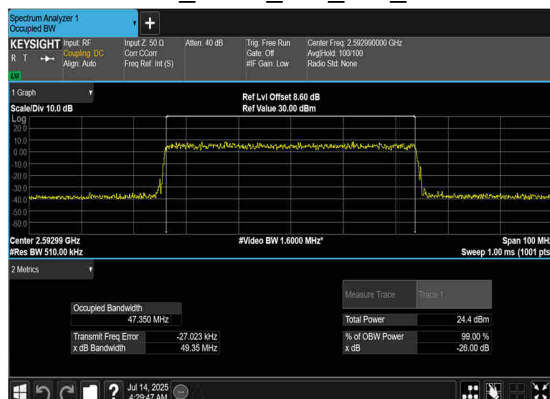
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QAM_Outer_Full_Mid_CH



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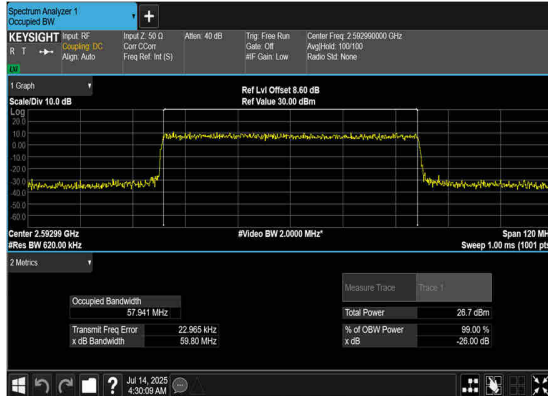


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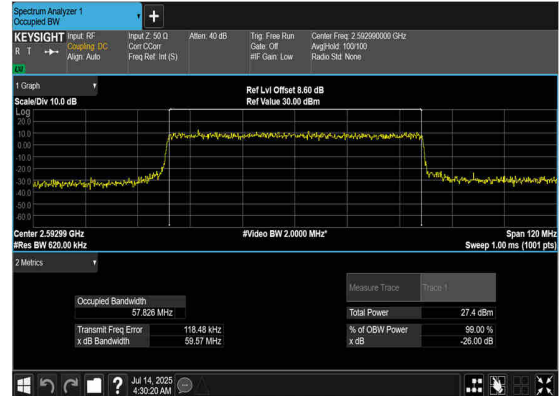




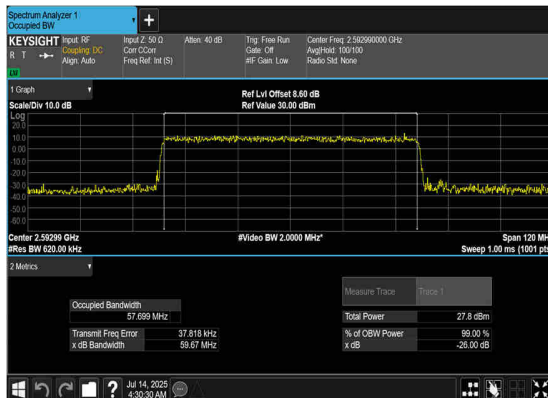
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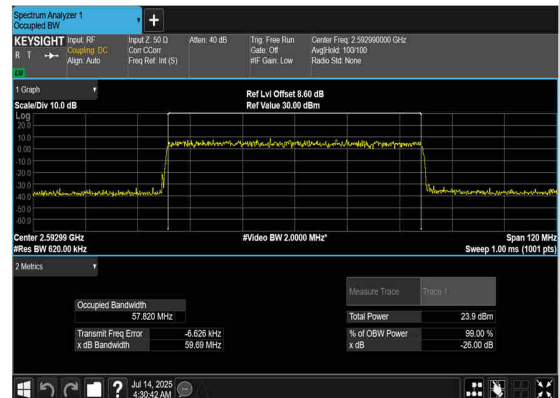
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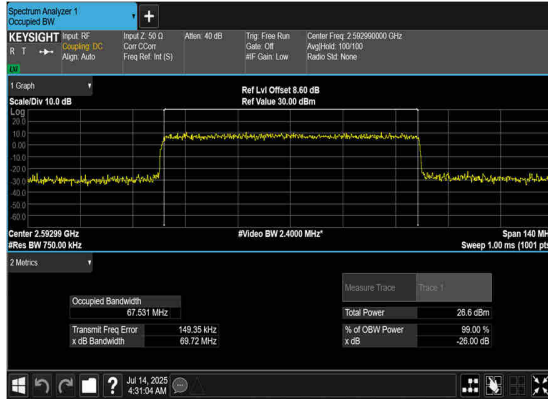


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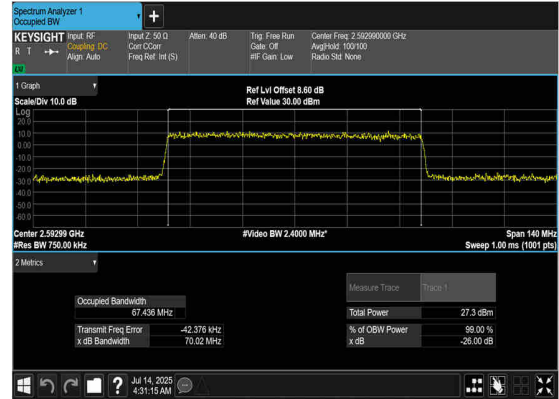




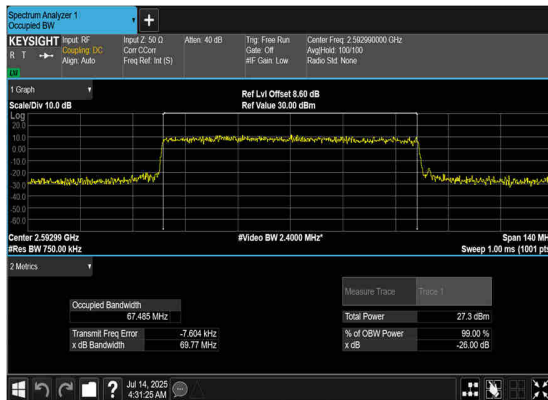
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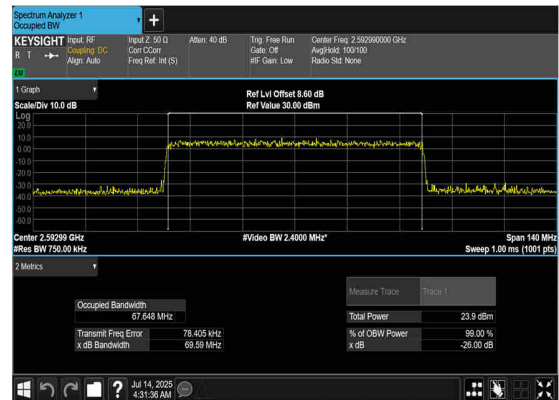
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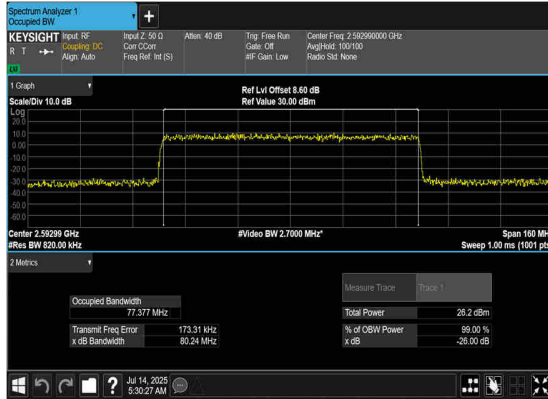


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QAM_Outer_Full_Mid_CH





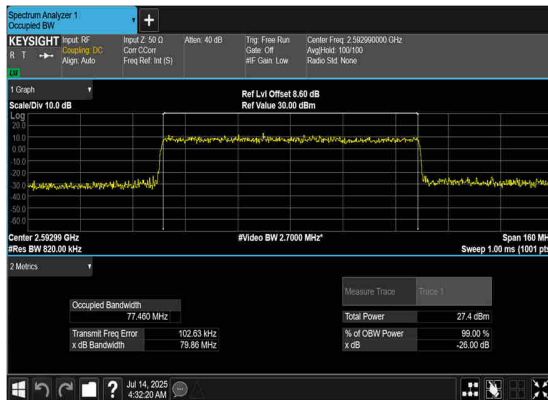
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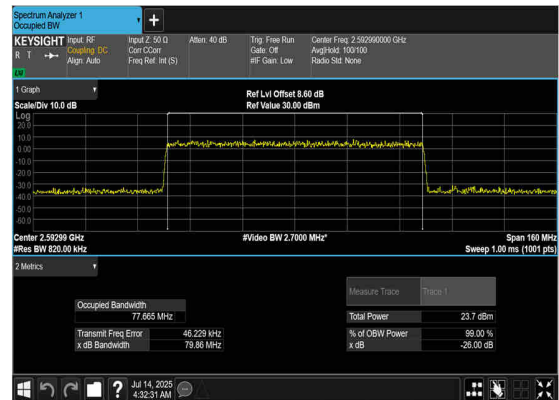
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QAM_Outer_Full_Mid_CH



N41(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

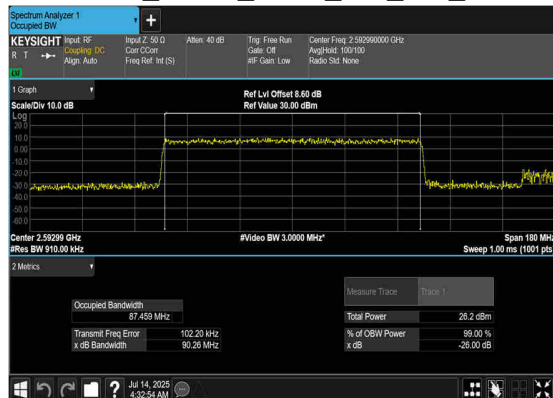


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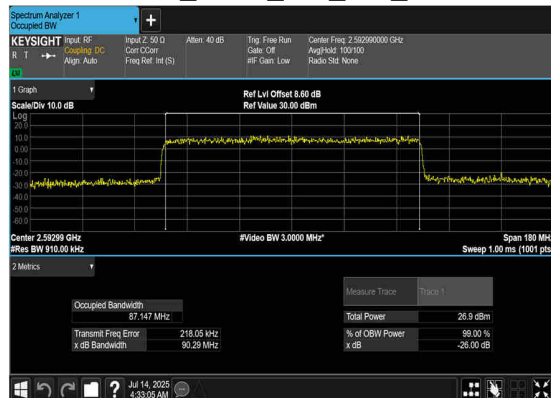




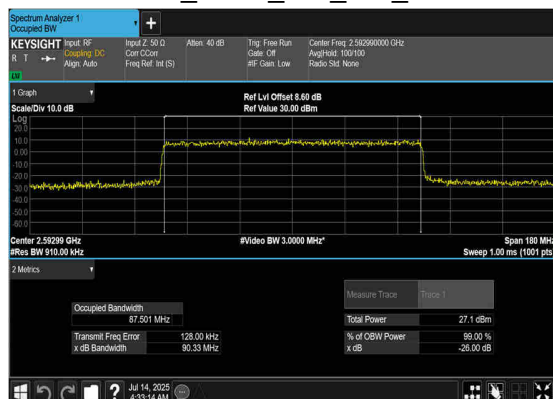
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QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

