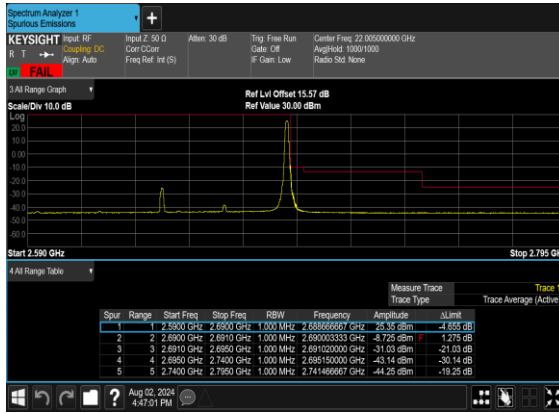
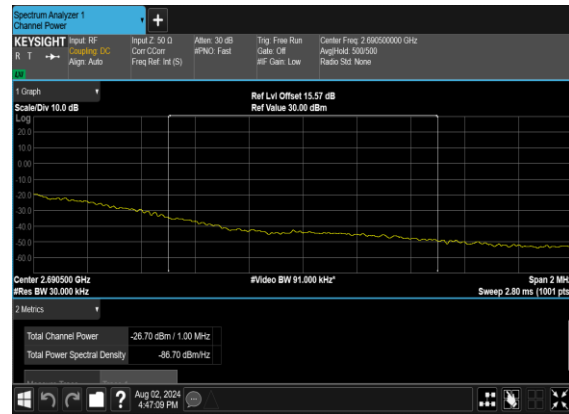




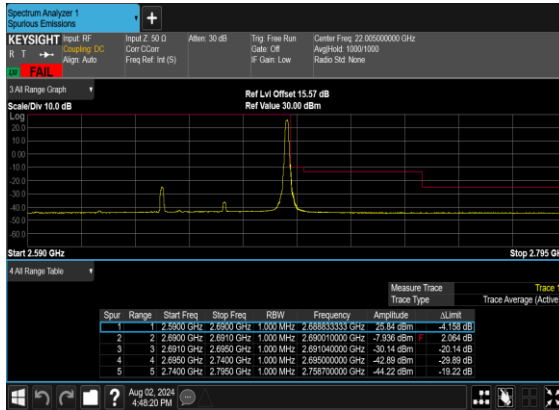
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



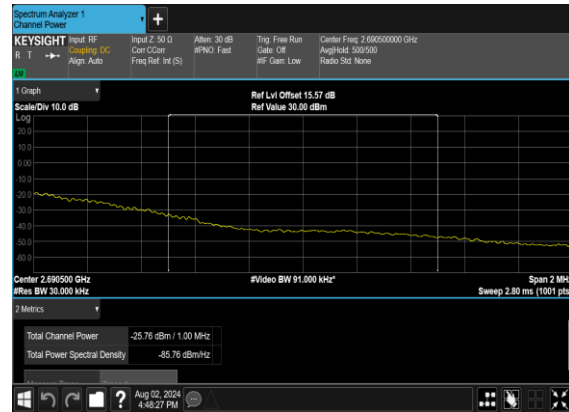
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CH_P ASS



N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

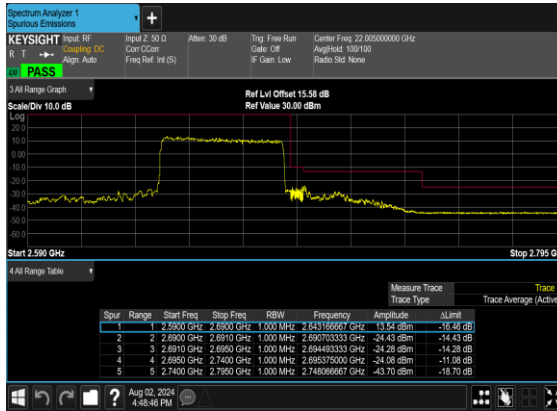


N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CH_P ASS

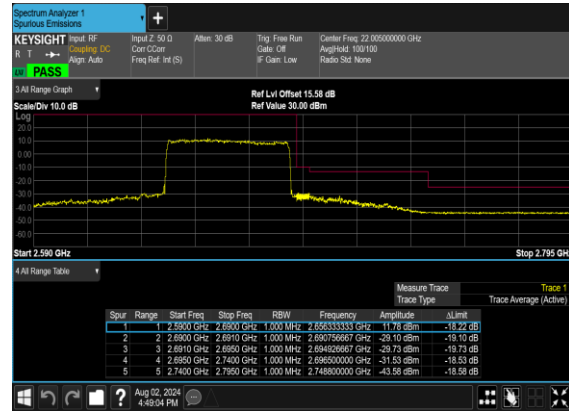




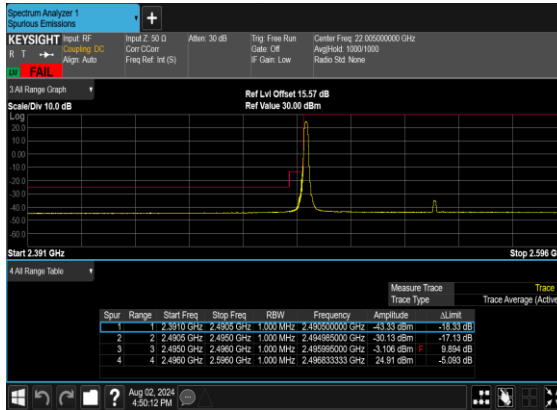
N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



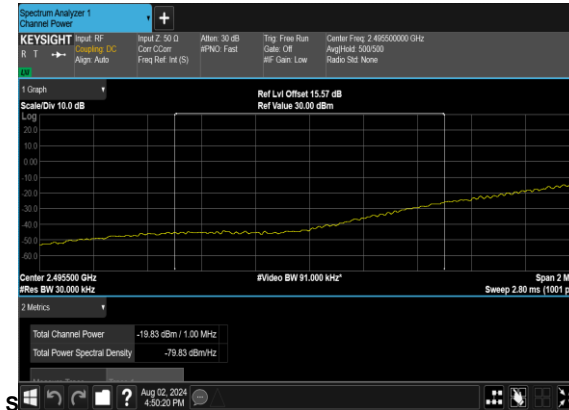
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

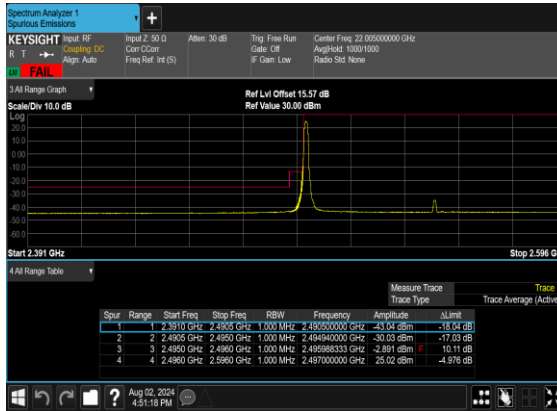


N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PAS

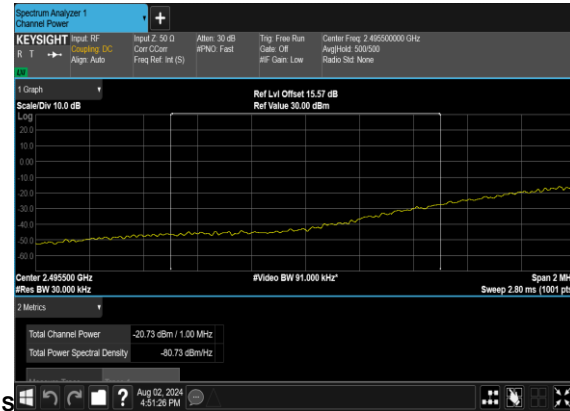




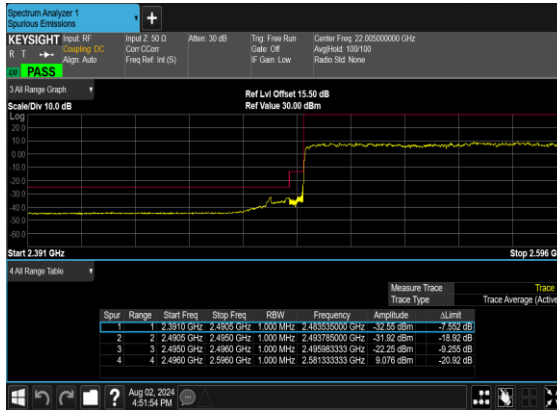
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



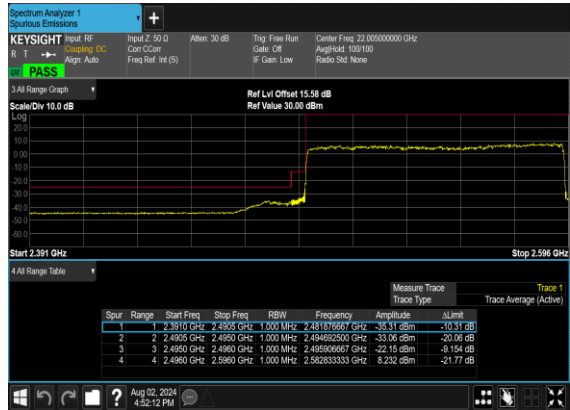
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PAS



N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

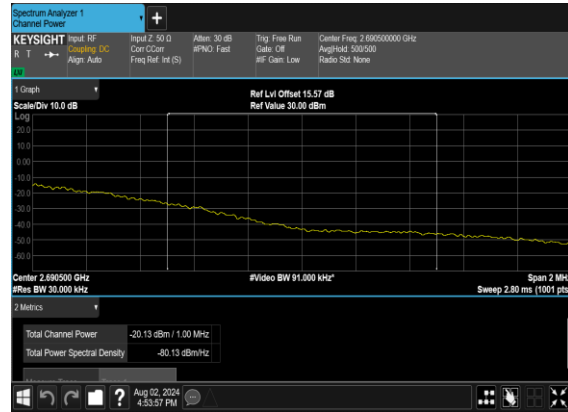




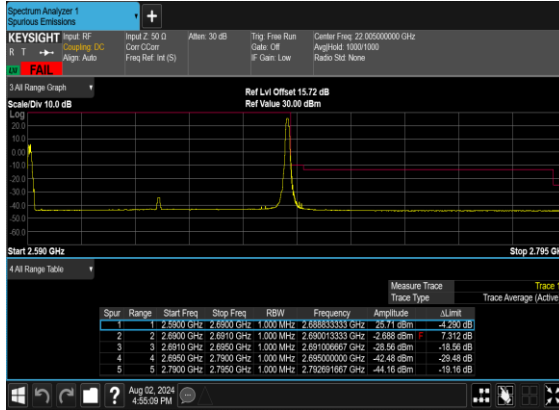
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



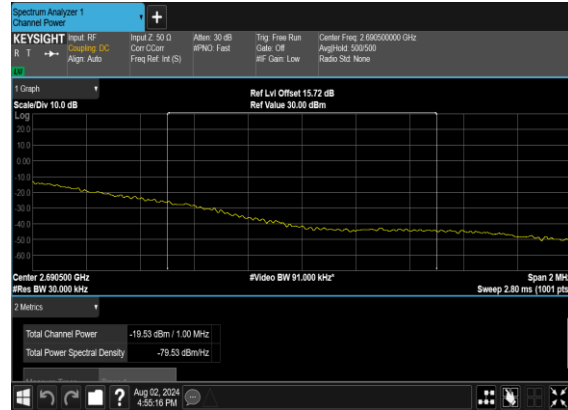
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CH_P ASS



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

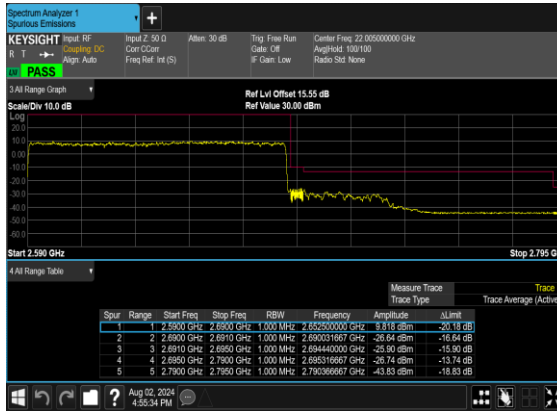


N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CH_P ASS

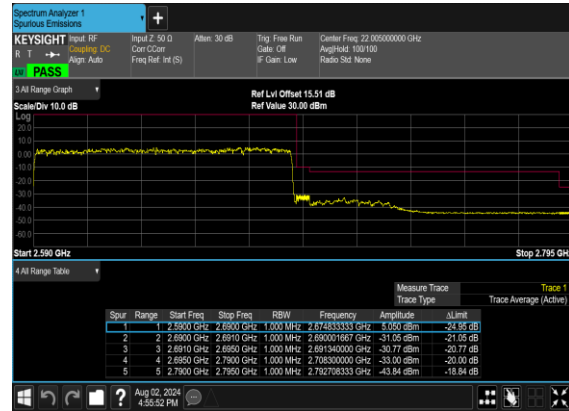




N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N41-SCS 30k(Other PA)

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0025	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0065	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0047	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0026	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0059	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0035	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0020	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0034	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0025	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0031	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0036	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0047	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	DFT-s-OFDM PI/2 BPSK	50@0	4.21	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	5.31	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	8.555	9.411
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.582	9.4
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5785	9.511
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5421	9.407
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.581	14.4
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.618	14.61
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.561	14.86
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.583	14.61
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.168	19.68
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.258	19.7
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.158	19.68
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.231	19.42
41	30	25	518598	2592.99	CP-OFDM QPSK	65@0	23.2	24.76
41	30	25	518598	2592.99	CP-OFDM 16 QAM	65@0	23.157	24.5
41	30	25	518598	2592.99	CP-OFDM 64 QAM	65@0	23.172	24.51
41	30	25	518598	2592.99	CP-OFDM 256 QAM	65@0	23.132	24.66
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.843	29.16
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.76	29.52
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.786	29.57
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.81	29.44
41	30	35	518598	2592.99	CP-OFDM QPSK	92@0	32.81	34.07
41	30	35	518598	2592.99	CP-OFDM 16 QAM	92@0	32.855	34.03



41	30	35	518598	2592.99	CP-OFDM 64 QAM	92@0	32.875	34.26
41	30	35	518598	2592.99	CP-OFDM 256 QAM	92@0	32.838	34.24
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.777	39.11
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.782	39.35
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.924	39.23
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.828	39.64
41	30	45	518598	2592.99	CP-OFDM QPSK	119@0	42.437	44.07
41	30	45	518598	2592.99	CP-OFDM 16 QAM	119@0	42.452	44.13
41	30	45	518598	2592.99	CP-OFDM 64 QAM	119@0	42.492	44.34
41	30	45	518598	2592.99	CP-OFDM 256 QAM	119@0	42.604	43.98
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.544	48.97
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.582	49.16
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.479	49.17
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.293	49.38
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.834	59.77
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.865	59.72
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.753	59.7
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.887	59.72
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.578	69.84
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.411	69.68
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.515	69.59
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.413	69.85
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.323	80.16
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.604	80.03
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.401	79.97



41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.439	79.97
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.352	90.24
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.494	90.29
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.488	90.64
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.453	90.23
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.595	100.3
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.502	100.6
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.474	100.4
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.512	100.6



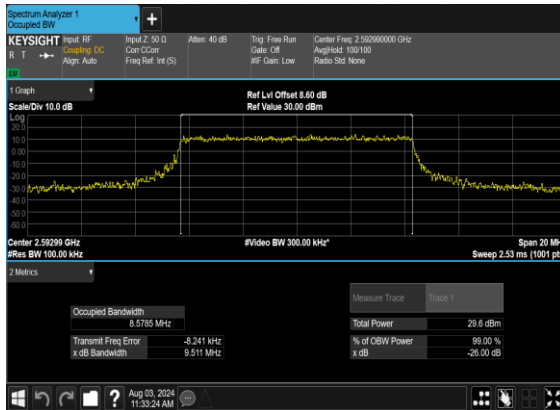
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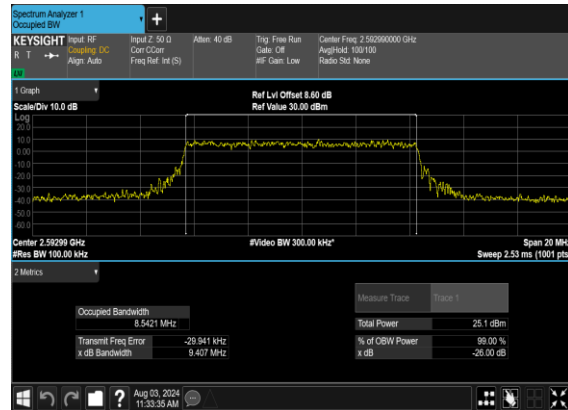
N41(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

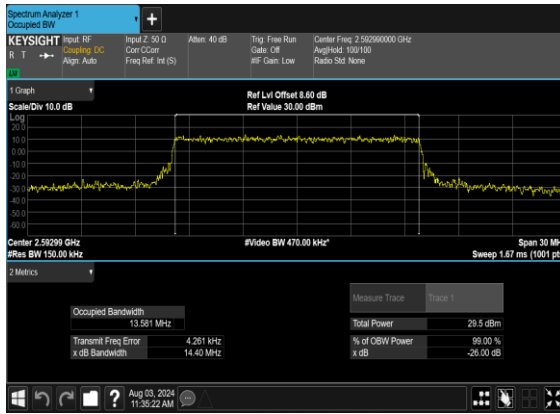


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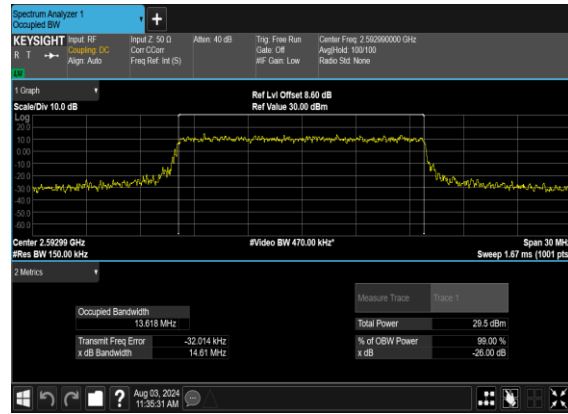




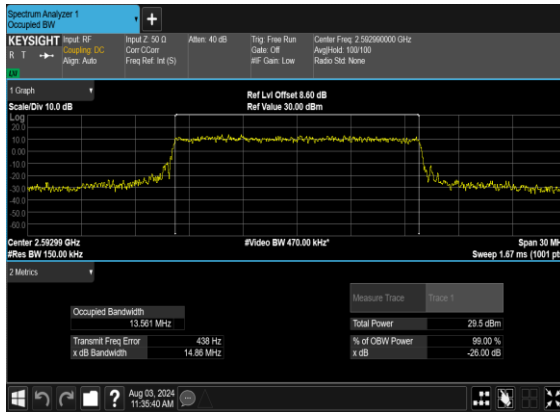
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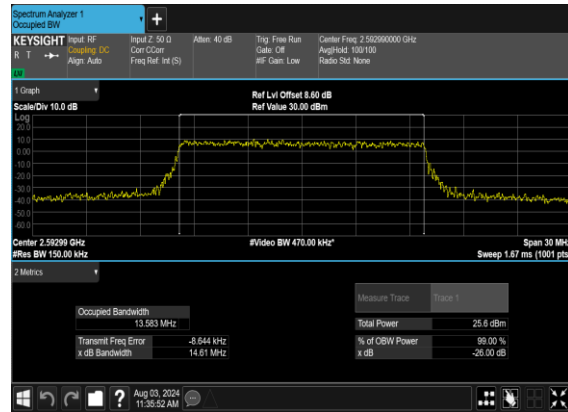
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N41(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

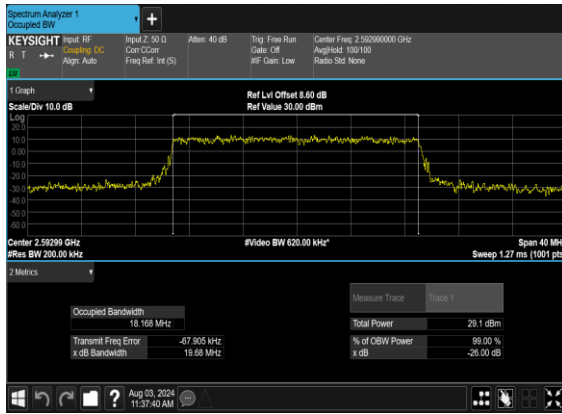


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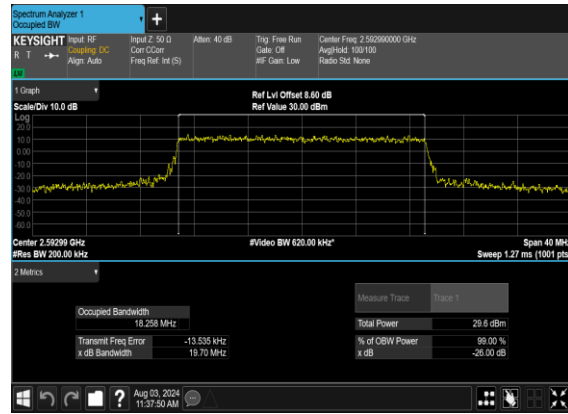




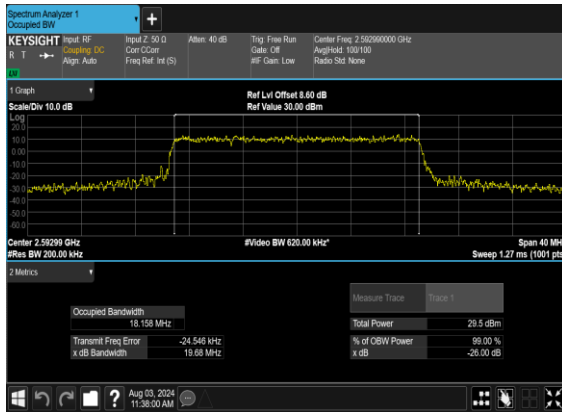
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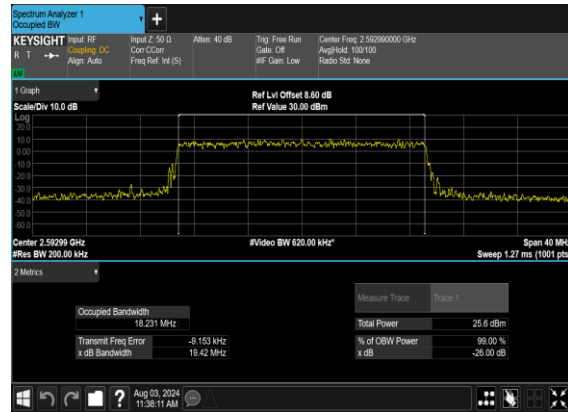
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N41(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

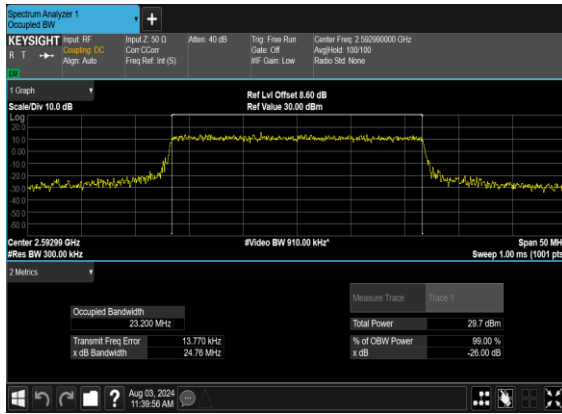


N41(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

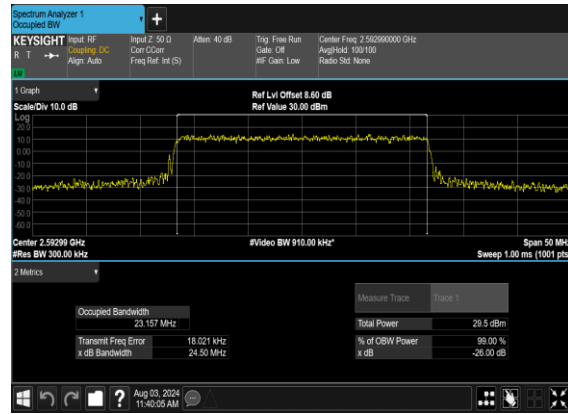




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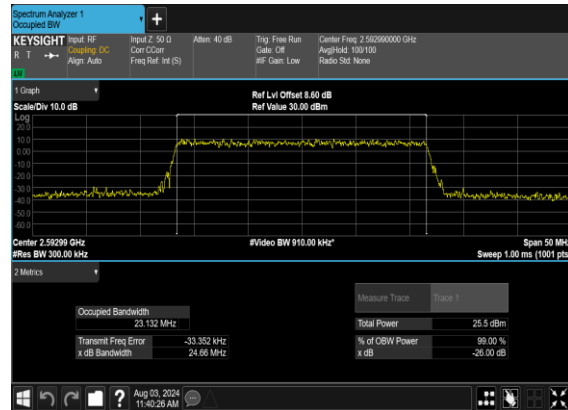
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N41(25M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

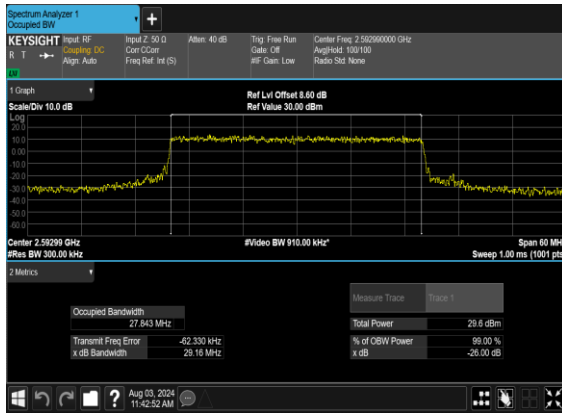


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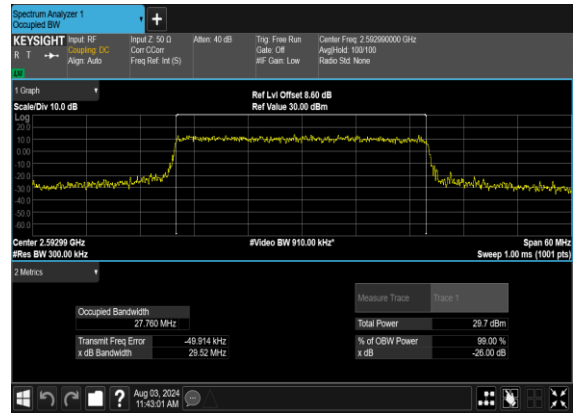




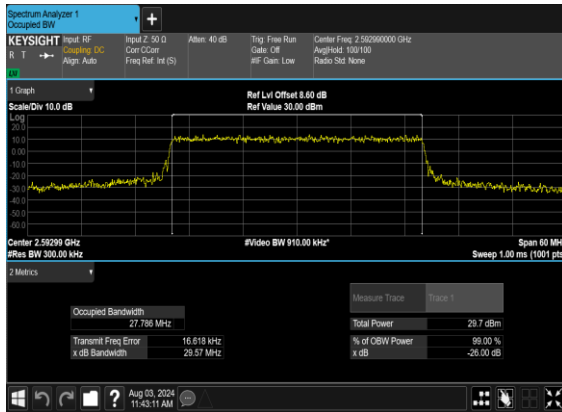
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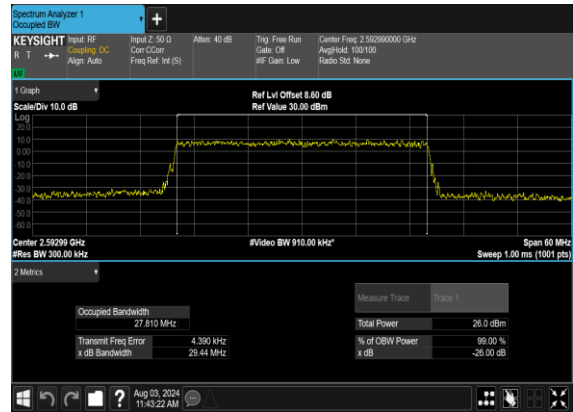
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N41(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

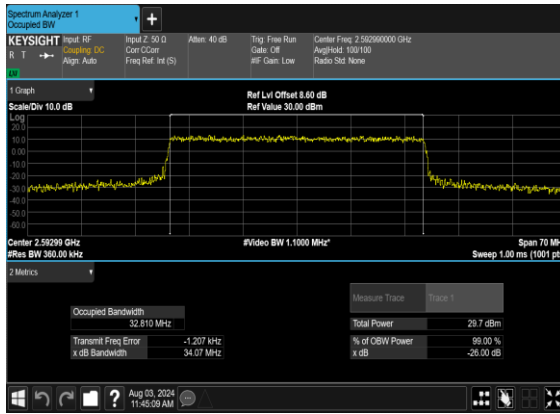


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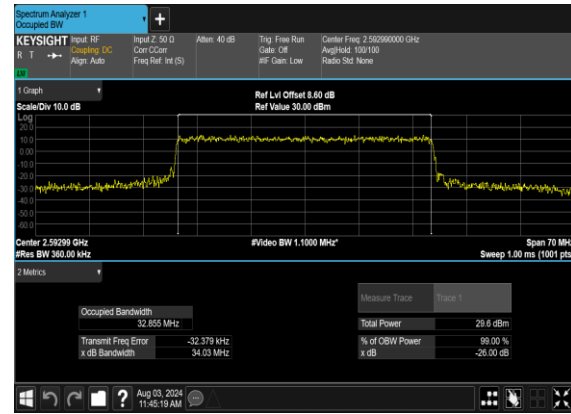




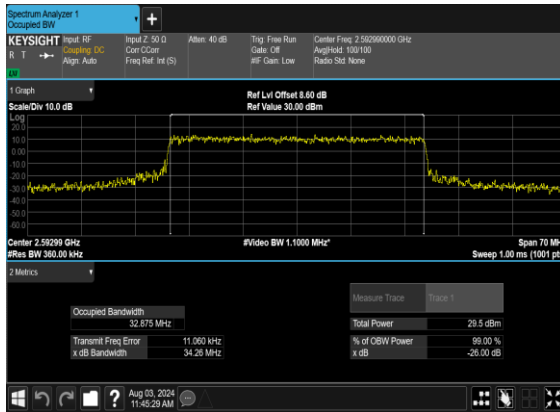
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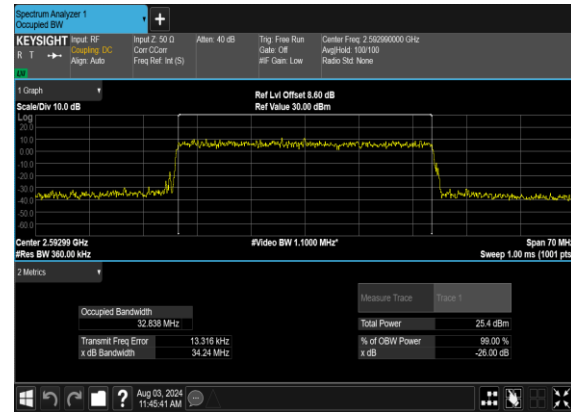
N41(35M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(35M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

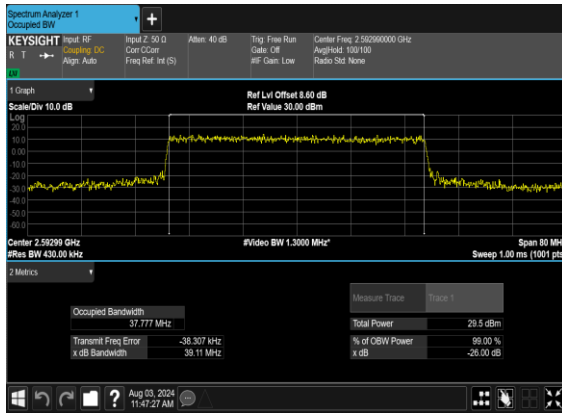


N41(35M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

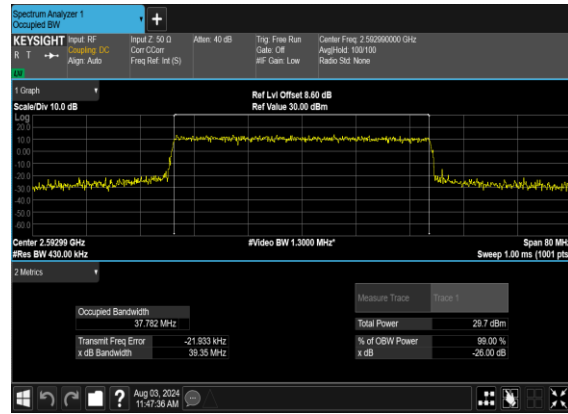




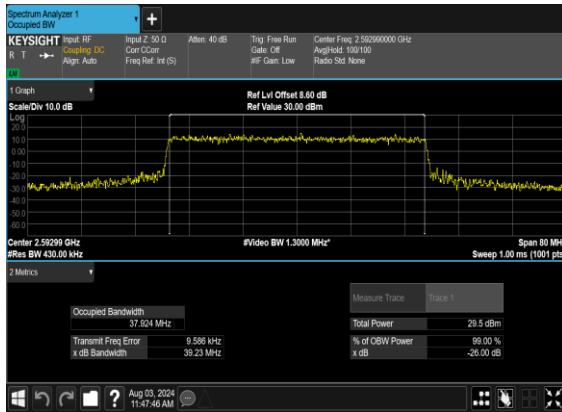
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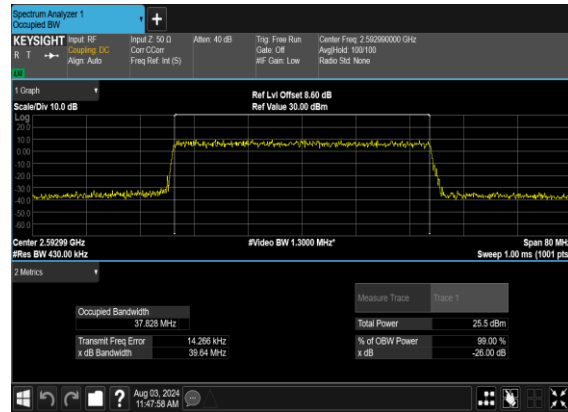
N41(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

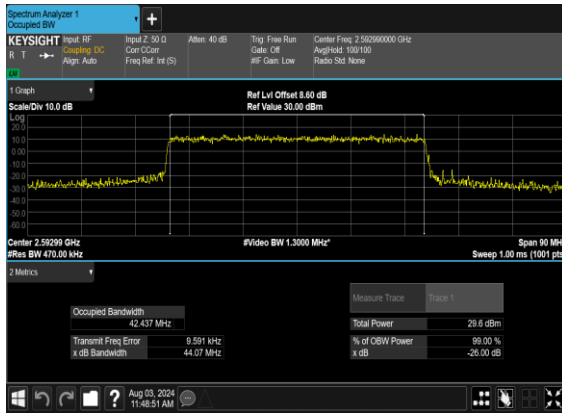


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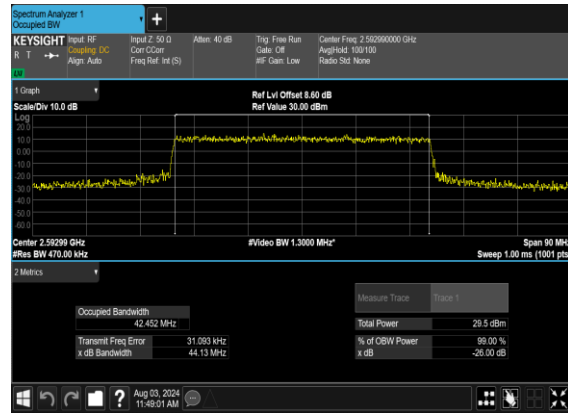




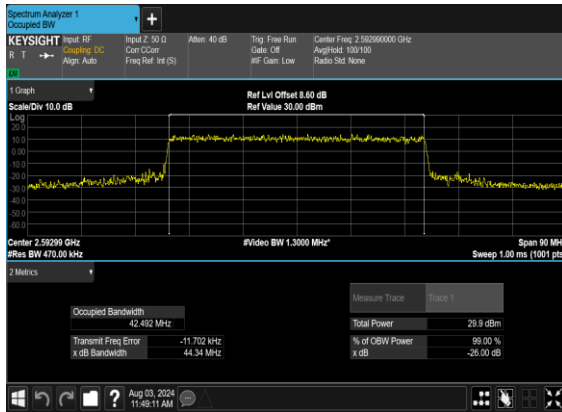
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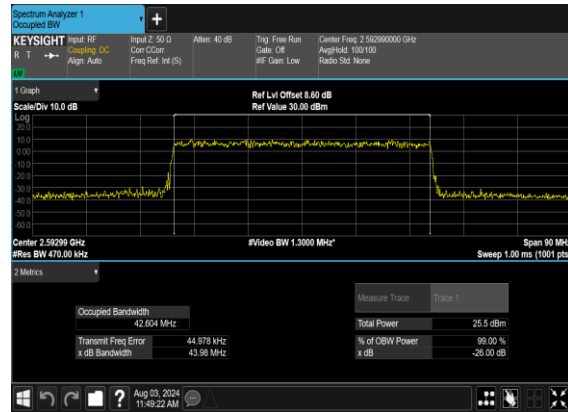
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N41(45M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

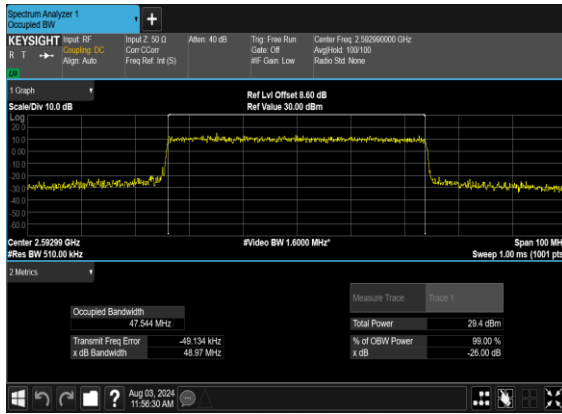


N41(45M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

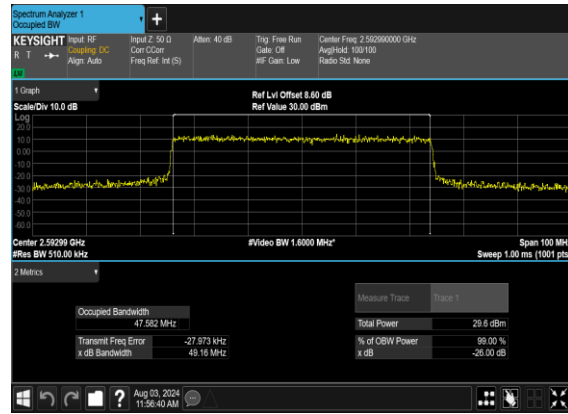




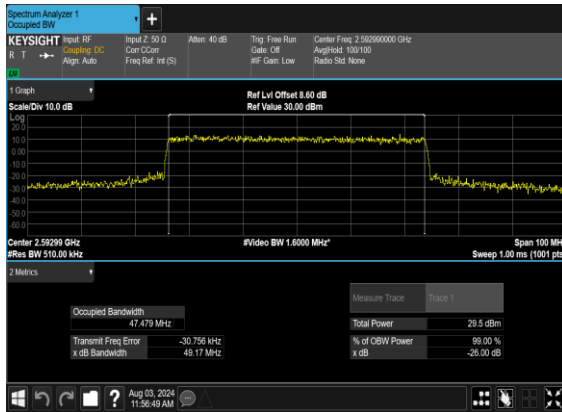
N41(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



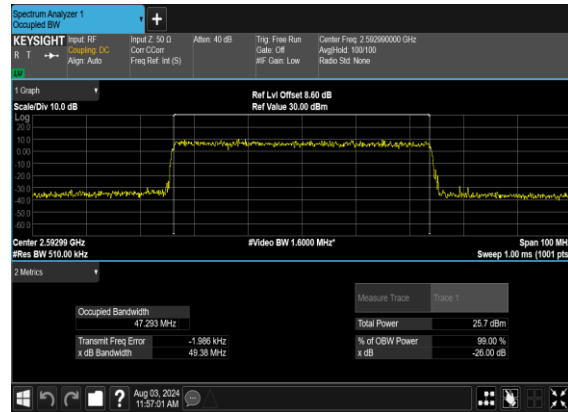
N41(50M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

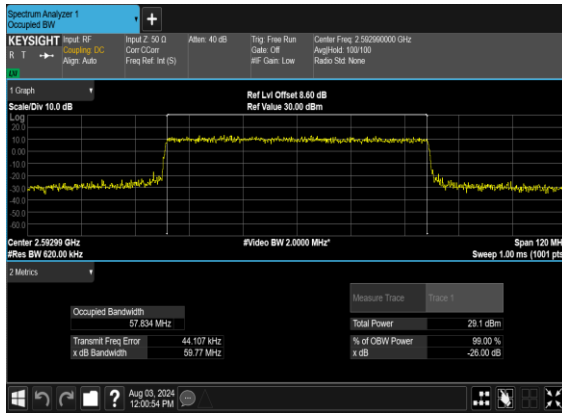


N41(50M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

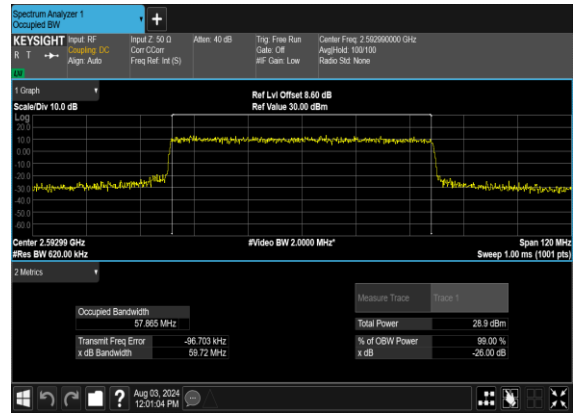




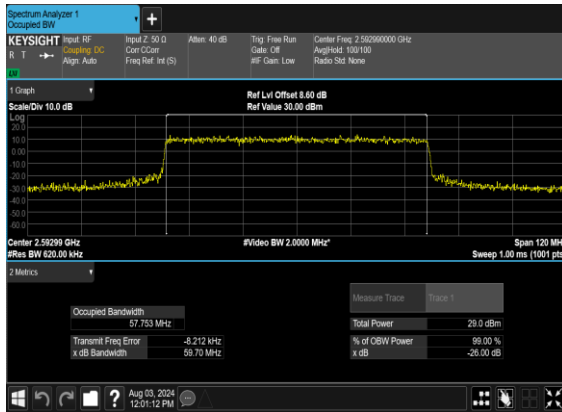
N41(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



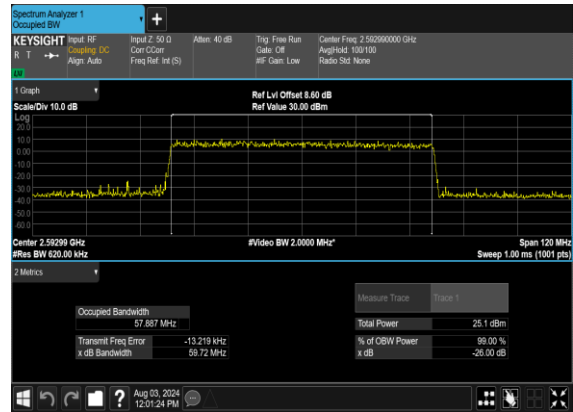
N41(60M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(60M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

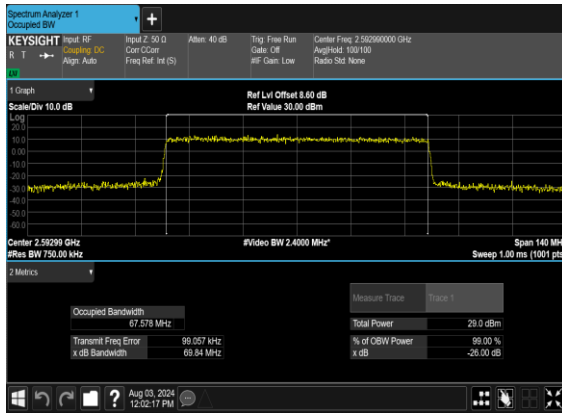


N41(60M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

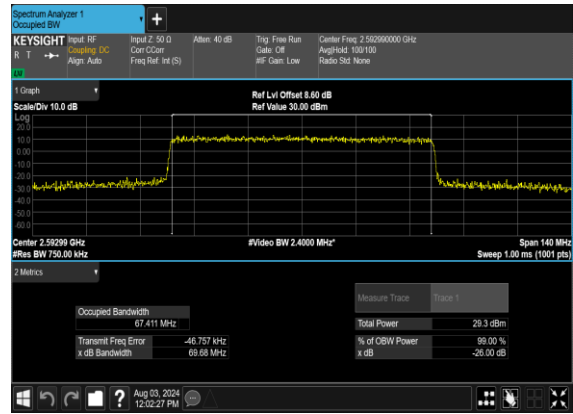




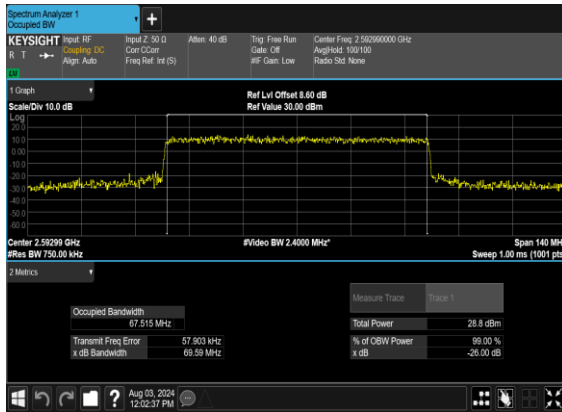
N41(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



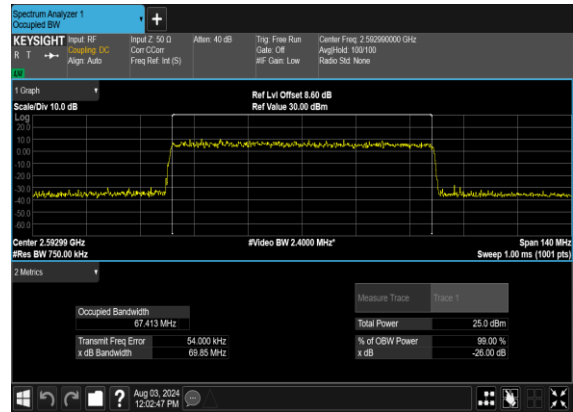
N41(70M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(70M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

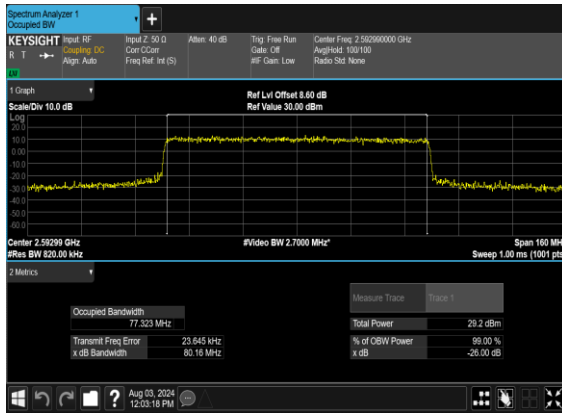


N41(70M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

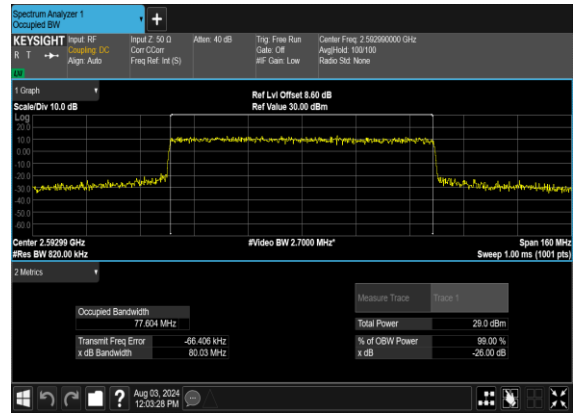




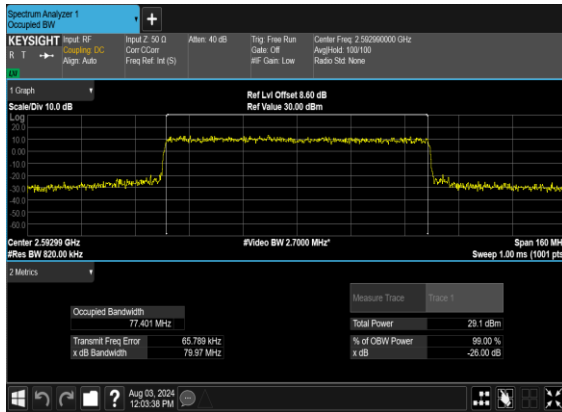
N41(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



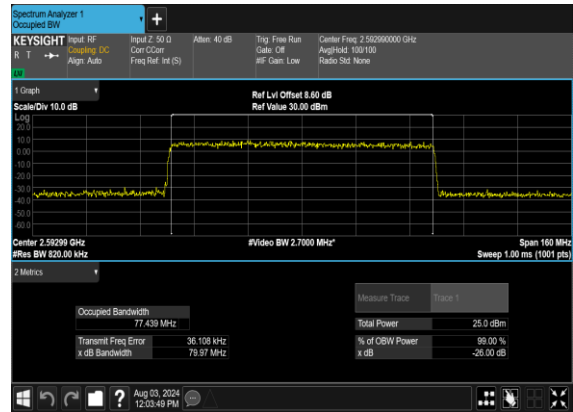
N41(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

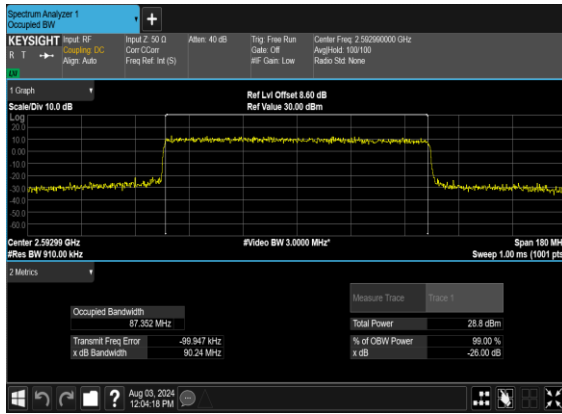


N41(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

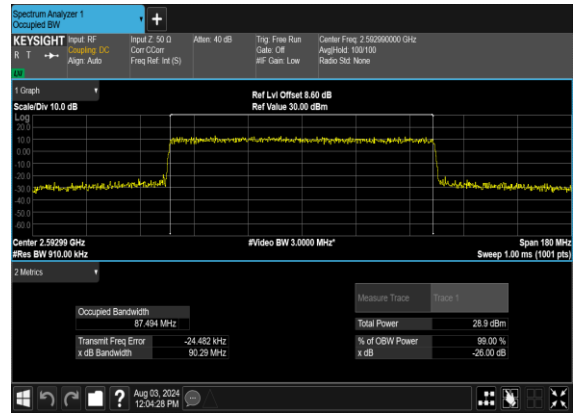




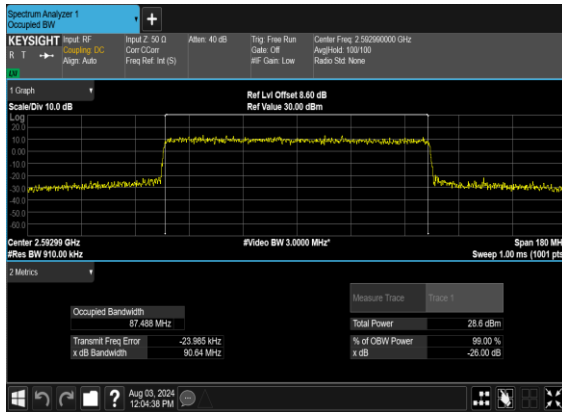
N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



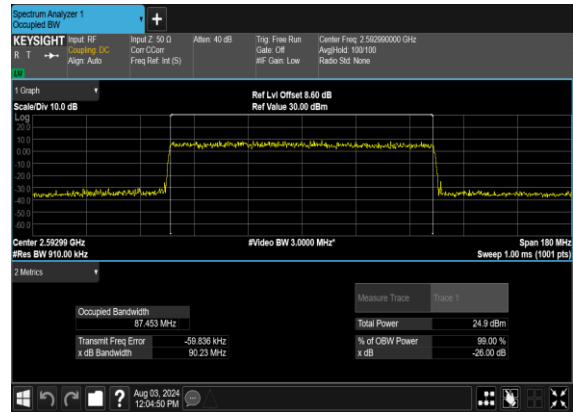
N41(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

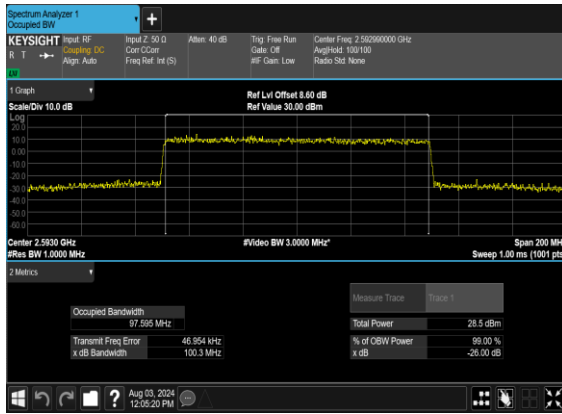


N41(90M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

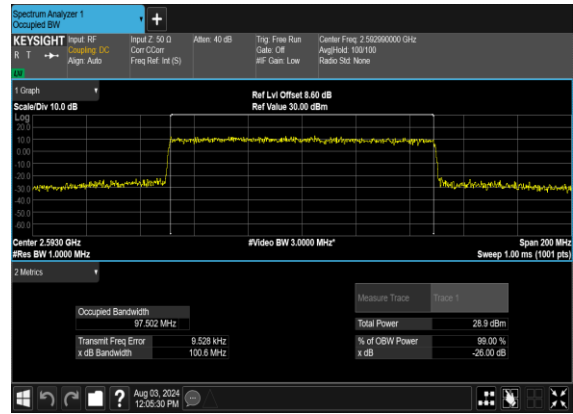




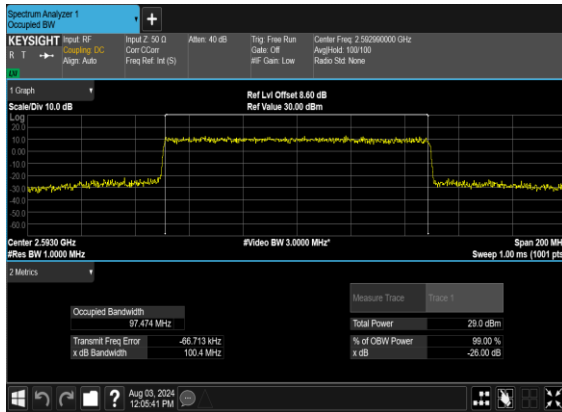
N41(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



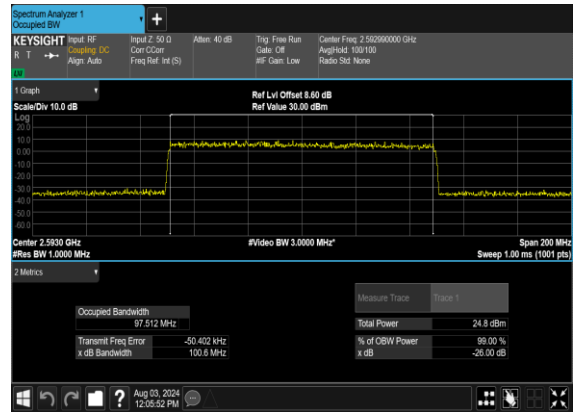
N41(100M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256QAM_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	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
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	---
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@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	---
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@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	---
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS



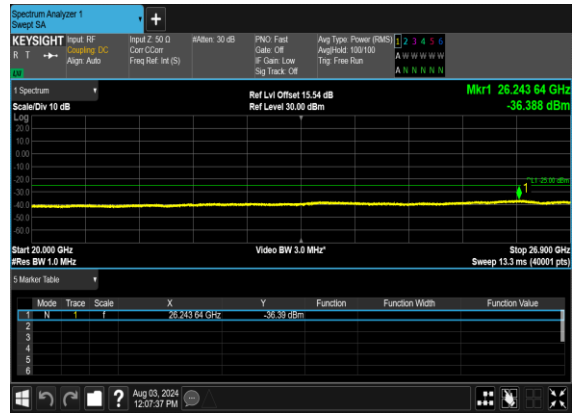
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



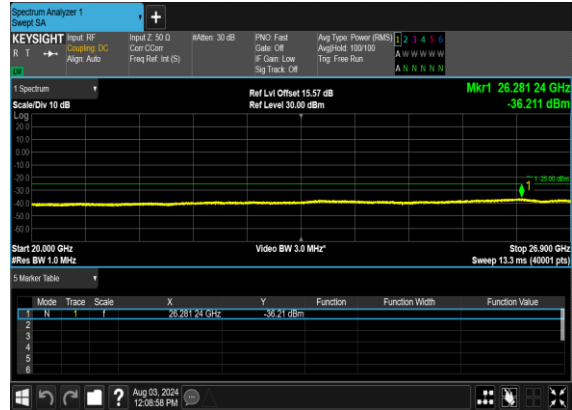
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

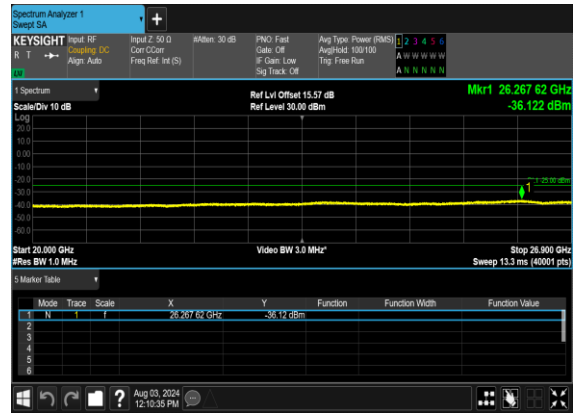




N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



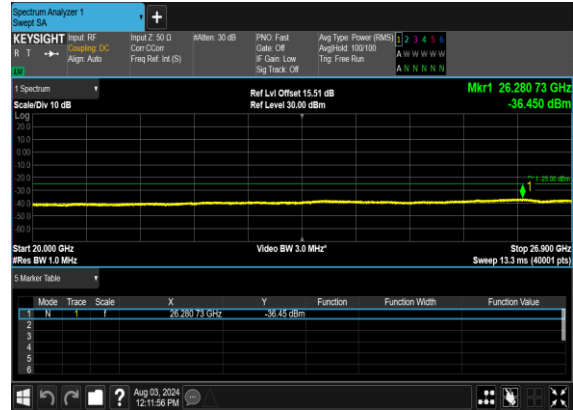
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

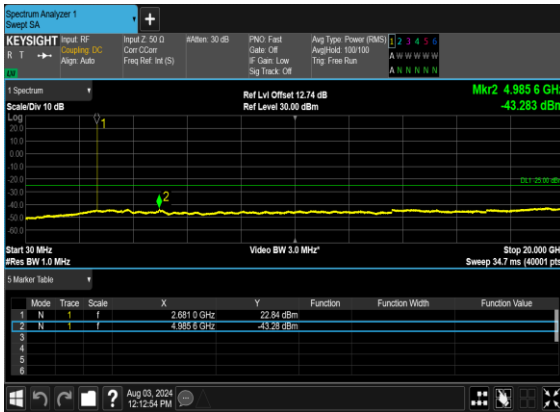


N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

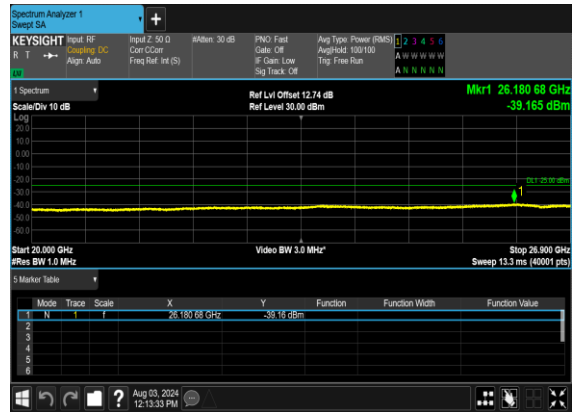




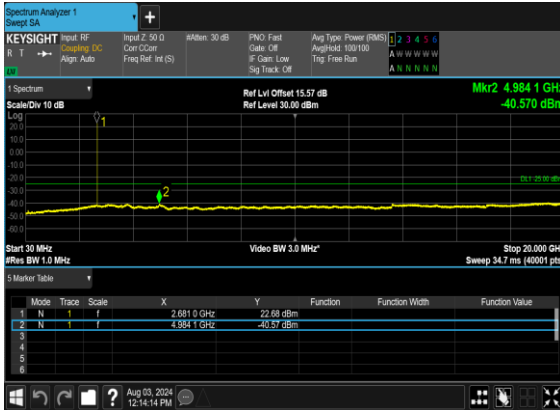
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



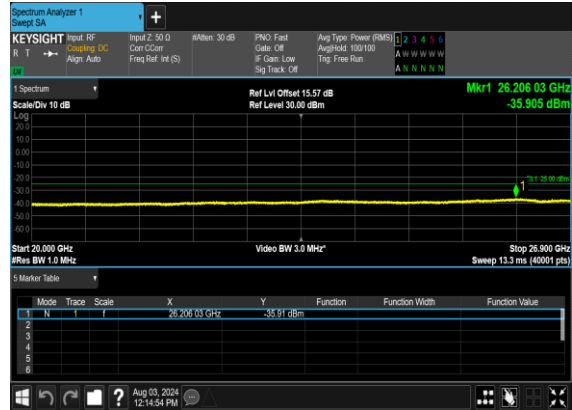
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

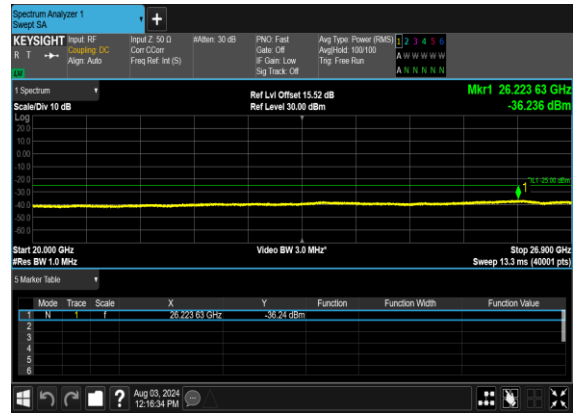




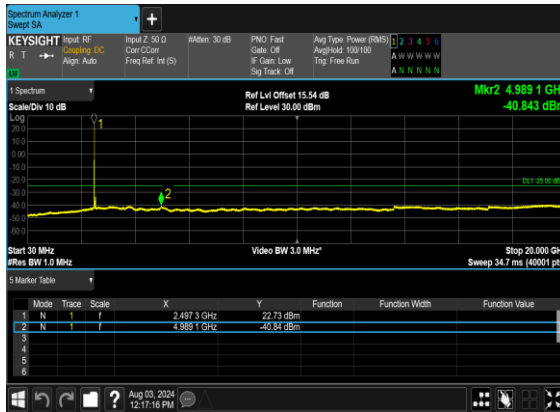
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



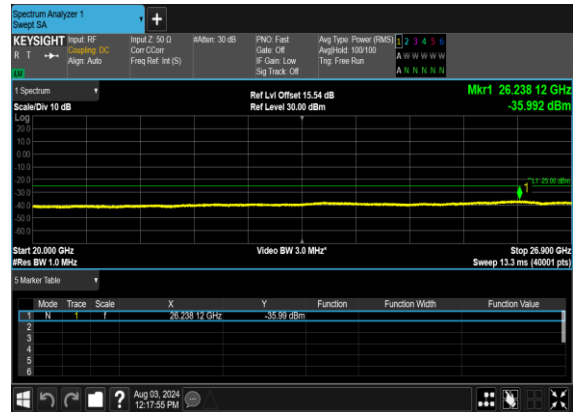
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

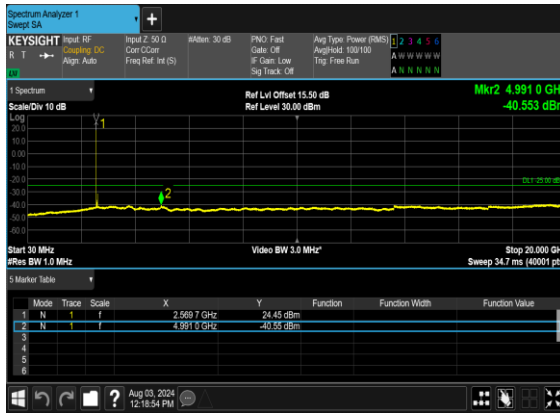


N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

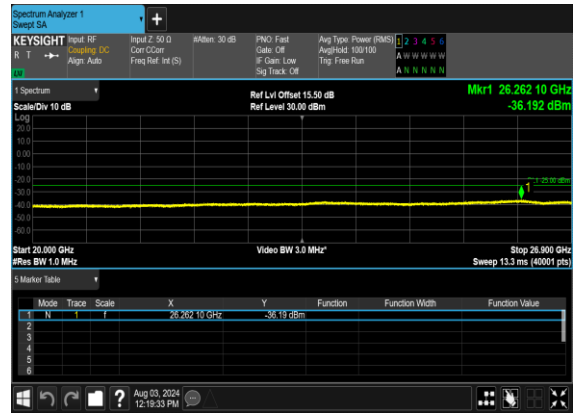




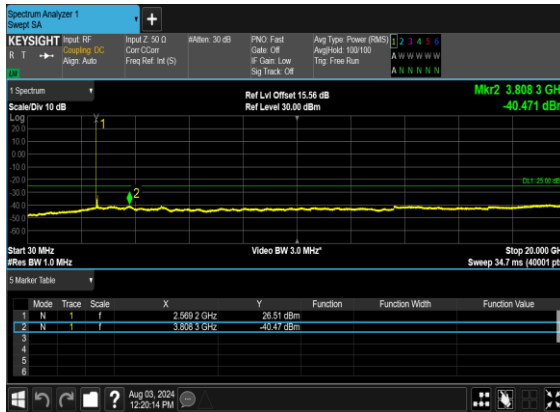
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

