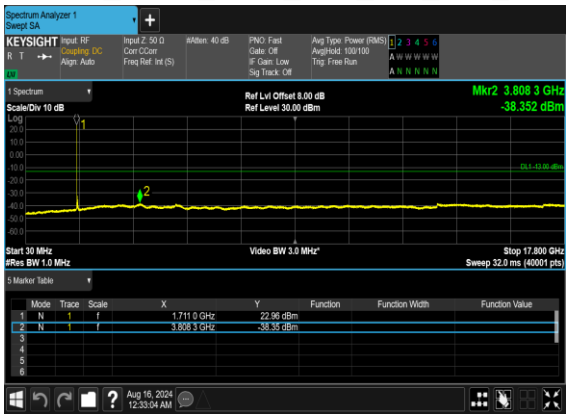
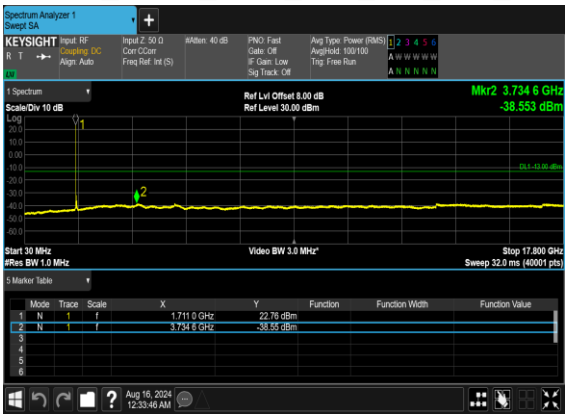
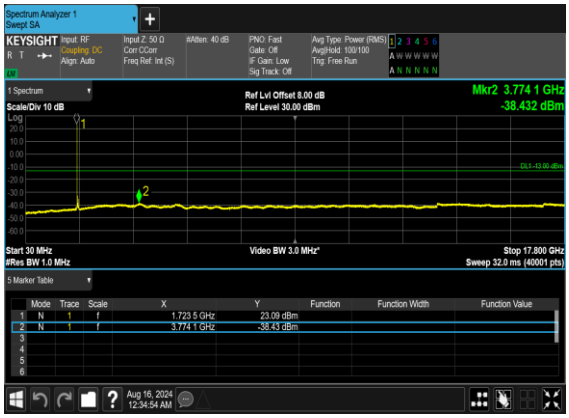
N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



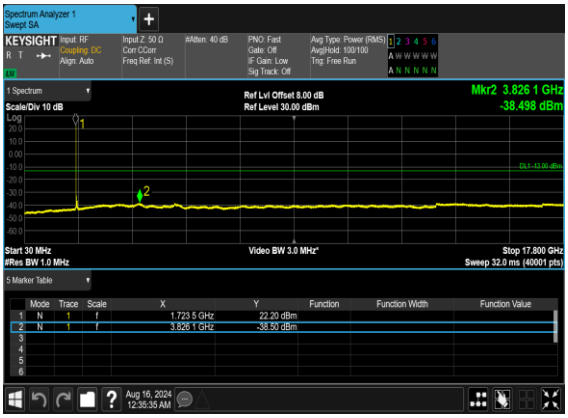
N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



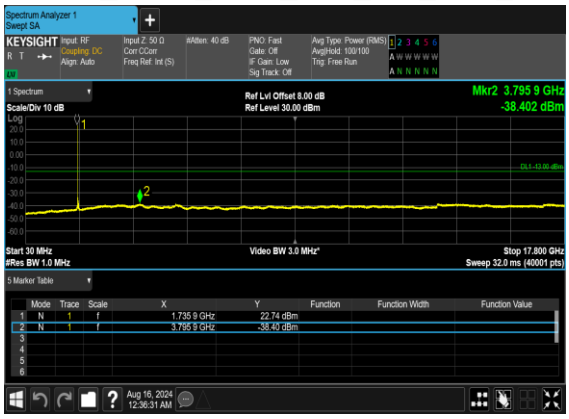
N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



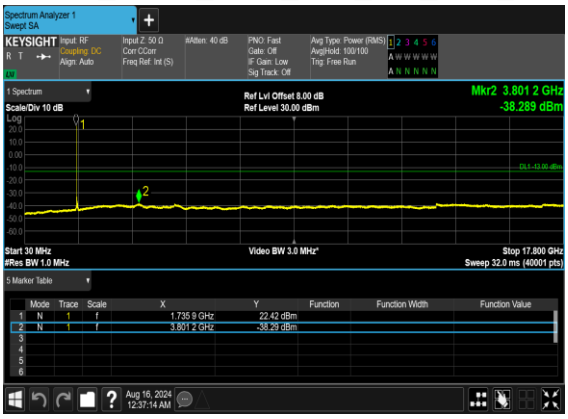
N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

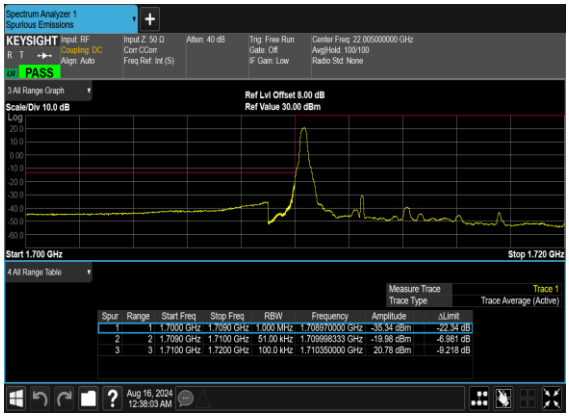


Conducted Band Edge

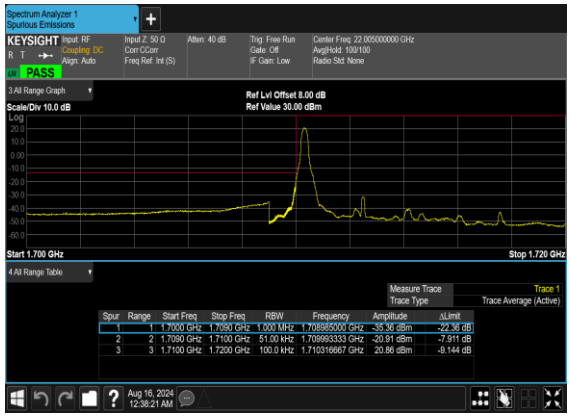
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@132	see graph	**PASS**
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@132	see graph	**PASS**
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	240@0	see graph	**PASS**
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	240@0	see graph	**PASS**

66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@241	see graph	**PASS**
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@241	see graph	**PASS**
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	240@0	see graph	**PASS**
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	240@0	see graph	**PASS**

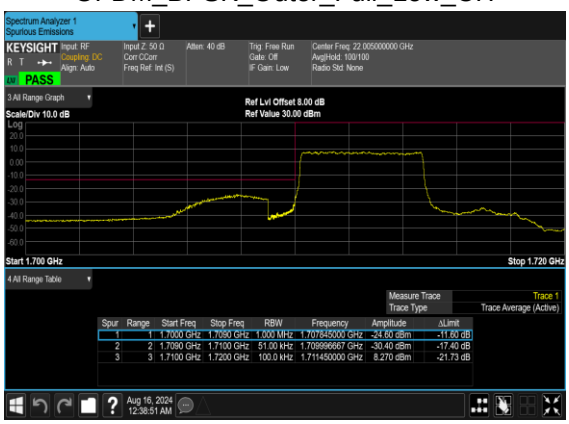
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



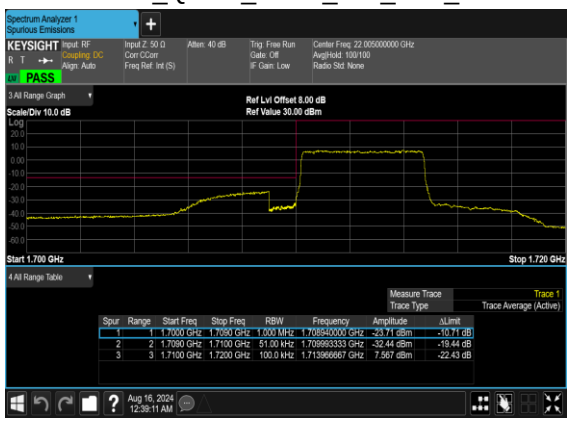
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

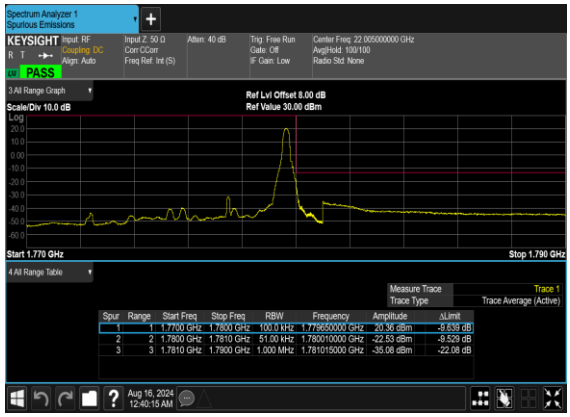


N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

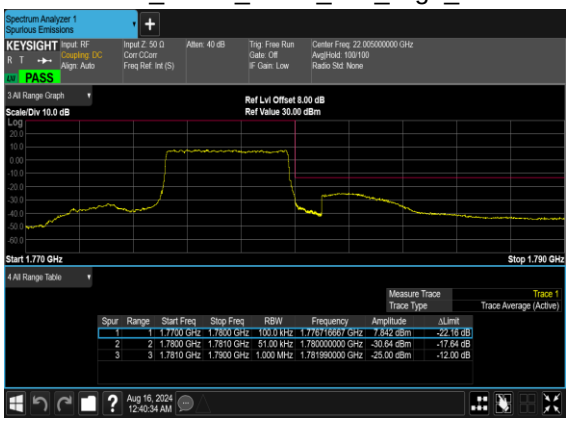


N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

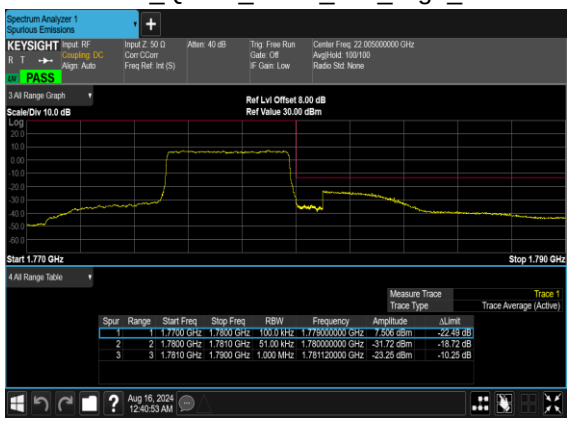
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



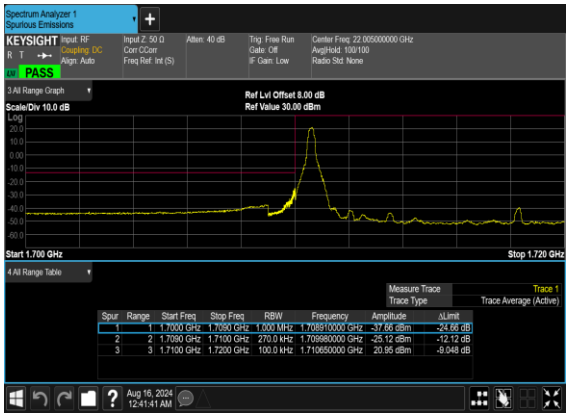
N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



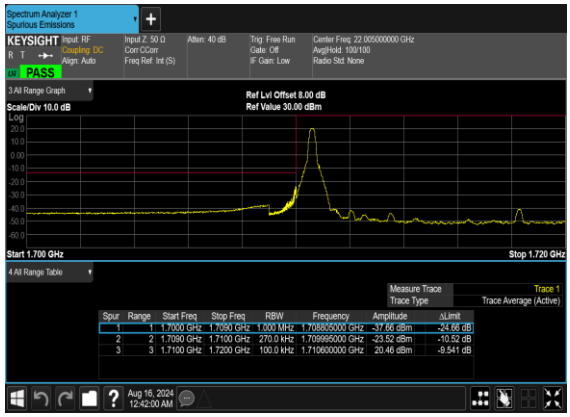
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N66(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

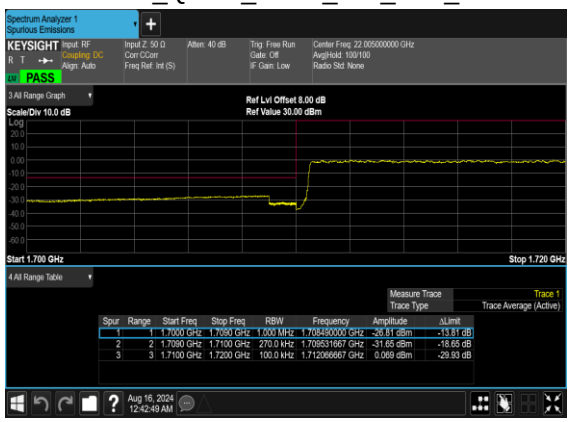


N66(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

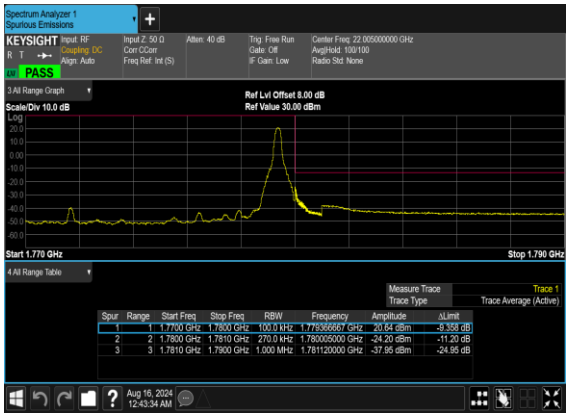


N66(25M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

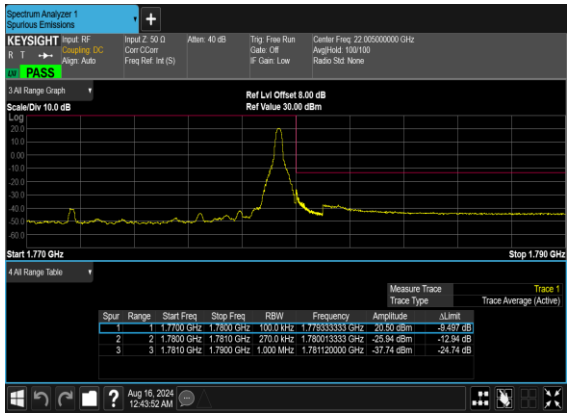
N66(25M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



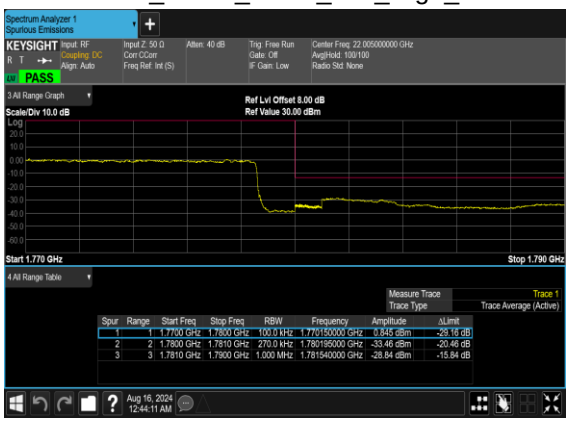
N66(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



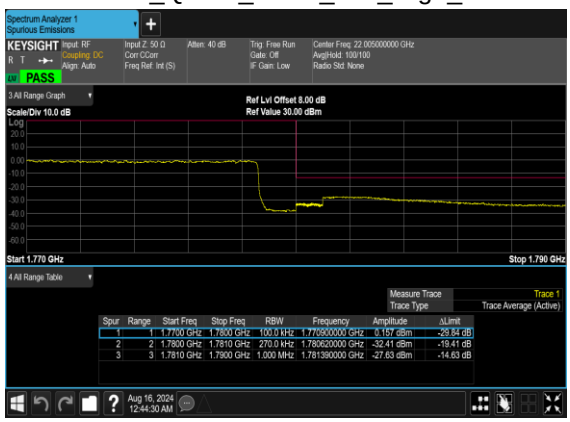
N66(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



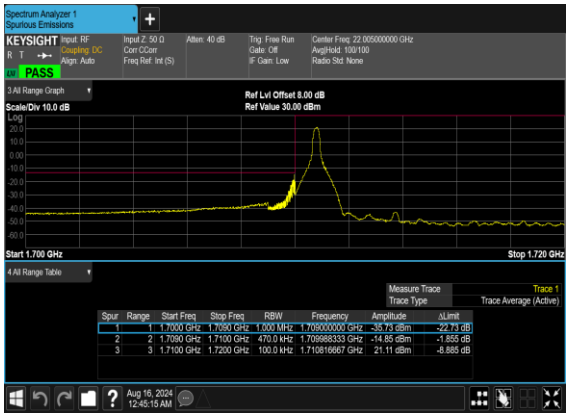
N66(25M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



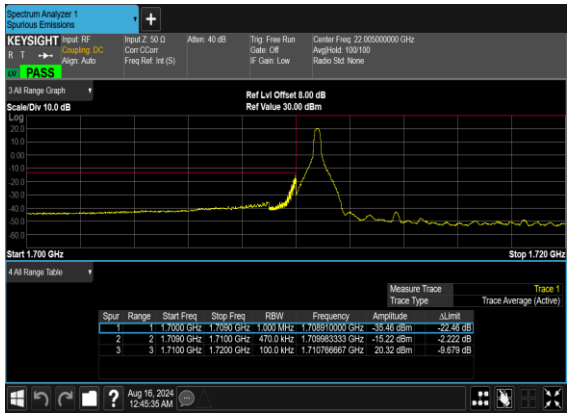
N66(25M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



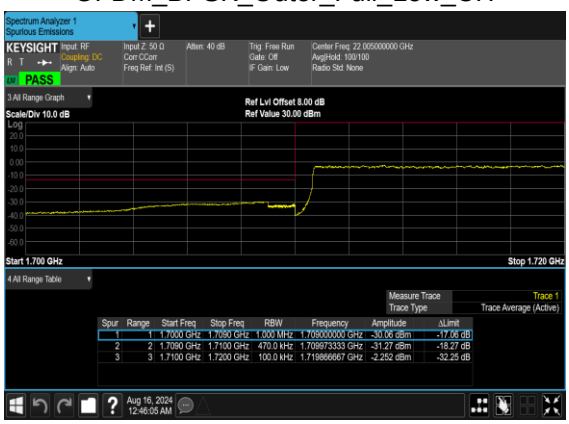
N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



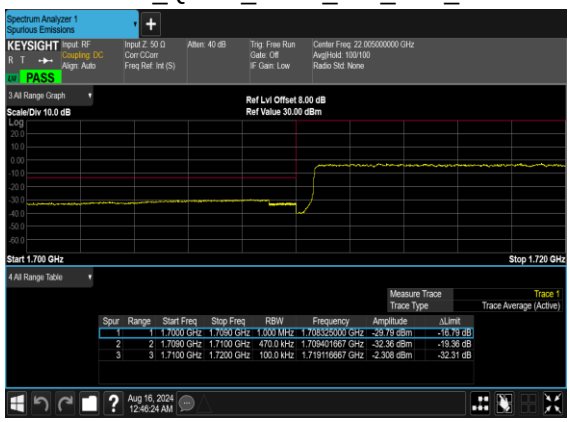
N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



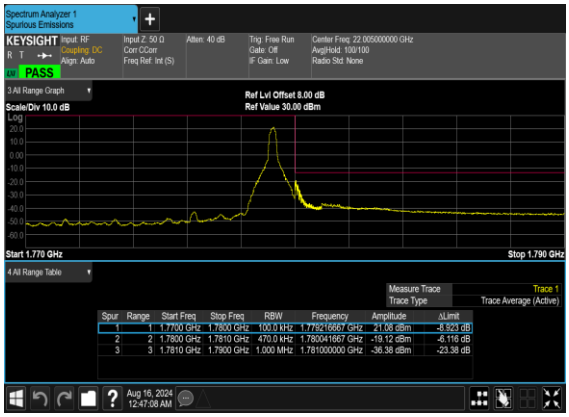
N66(45M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



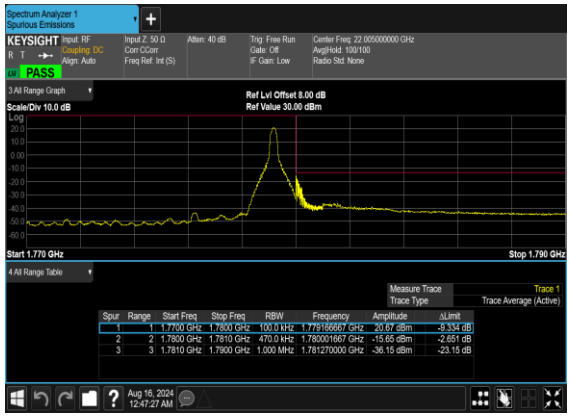
N66(45M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

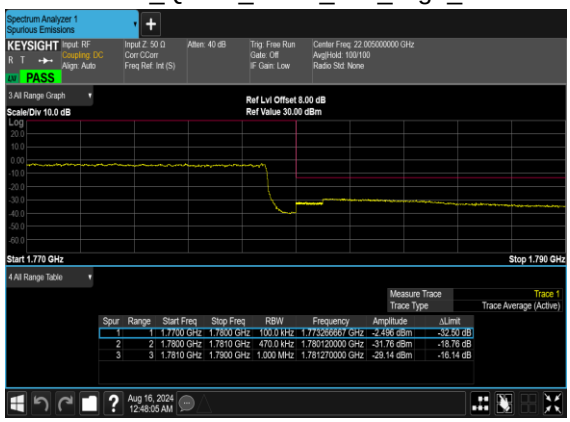


N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N66(45M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N66(45M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.06.1602

FR1 n66(Ant2) (Other PA)

LTE Band: 30, LTE BW: 10M, LTE ARFCN: Low

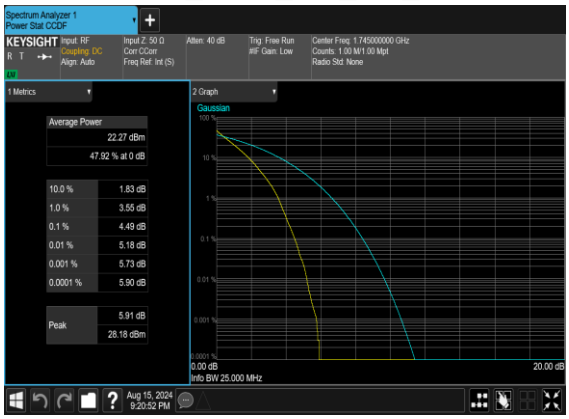
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0041	**PASS**	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0069	**PASS**	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0046	**PASS**	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0027	**PASS**	-30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0054	**PASS**	-20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0035	**PASS**	-10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0070	**PASS**	0℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0064	**PASS**	10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0041	**PASS**	20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0031	**PASS**	30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0027	**PASS**	40℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0040	**PASS**	50℃

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	4.49	13	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	5.55	13	**PASS**

B30_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



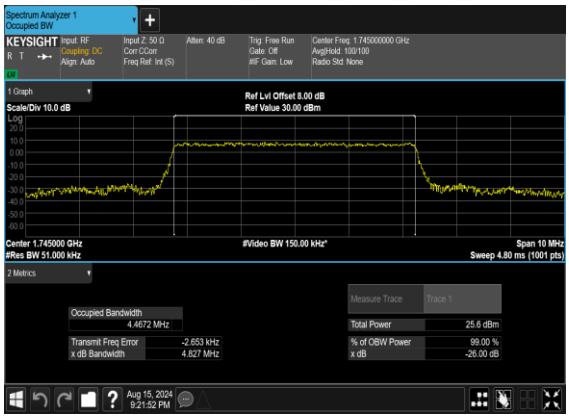
B30_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

Occupied Bandwidth

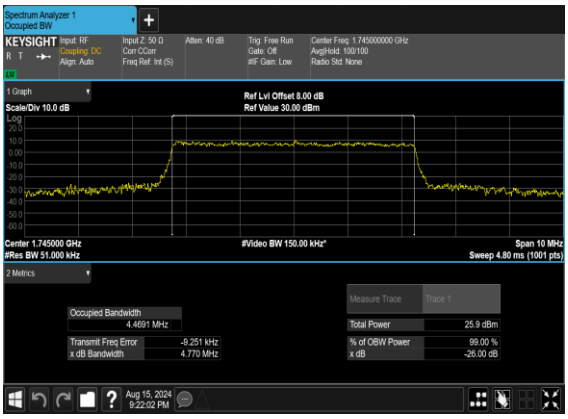
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4672	4.827
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4691	4.77
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4673	4.76
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4719	4.799
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2652	9.684
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2698	9.686
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2736	9.692
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2591	9.721
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.105	14.69
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.093	14.77
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.1	14.67
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.097	14.68
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.901	19.61
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.865	19.7
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.894	19.63
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.877	19.67
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.756	24.63
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.729	24.62
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.719	24.67
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.728	24.7
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.589	29.53
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.552	29.56

66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.555	29.66
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.526	29.64
66	15	35	349000	1745.0	CP-OFDM QPSK	188@0	33.558	34.82
66	15	35	349000	1745.0	CP-OFDM 16 QAM	188@0	33.496	34.66
66	15	35	349000	1745.0	CP-OFDM 64 QAM	188@0	33.527	34.67
66	15	35	349000	1745.0	CP-OFDM 256 QAM	188@0	33.467	34.82
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.565	39.9
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.513	39.87
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.545	39.84
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.533	39.97
66	15	45	349000	1745.0	CP-OFDM QPSK	242@0	43.161	44.67
66	15	45	349000	1745.0	CP-OFDM 16 QAM	242@0	43.253	44.69
66	15	45	349000	1745.0	CP-OFDM 64 QAM	242@0	43.128	44.62
66	15	45	349000	1745.0	CP-OFDM 256 QAM	242@0	43.259	44.7

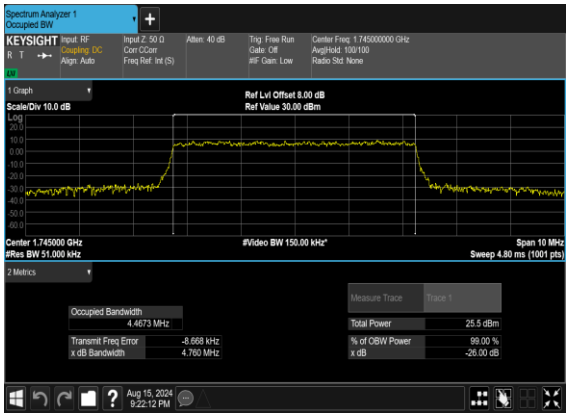
B30_N66(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



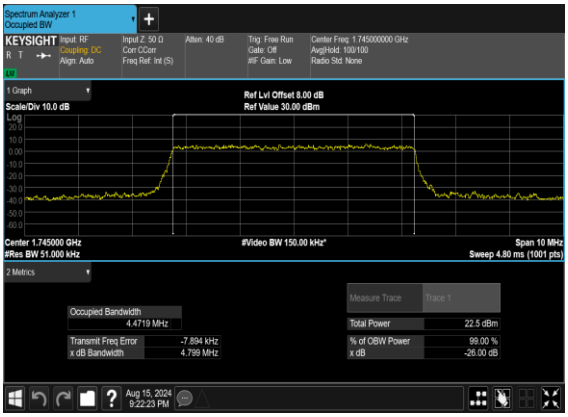
B30_N66(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



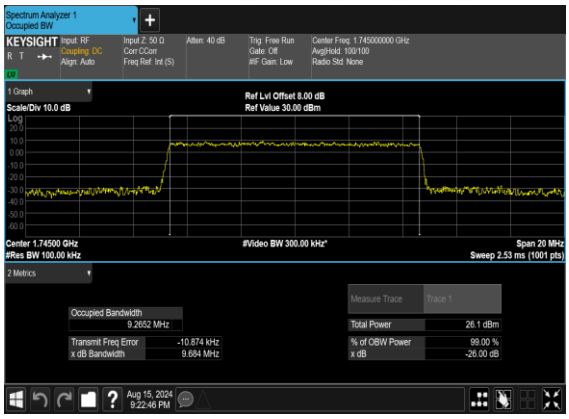
B30_N66(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



B30_N66(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



B30_N66(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



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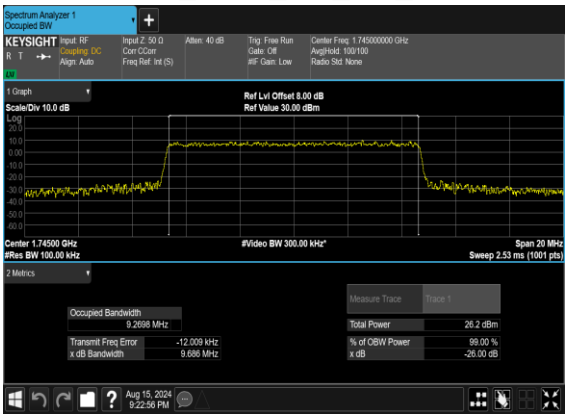

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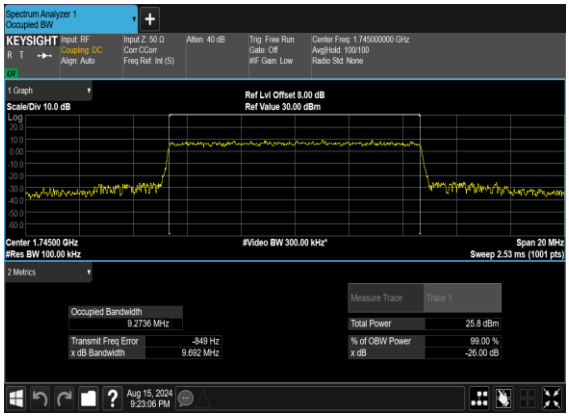

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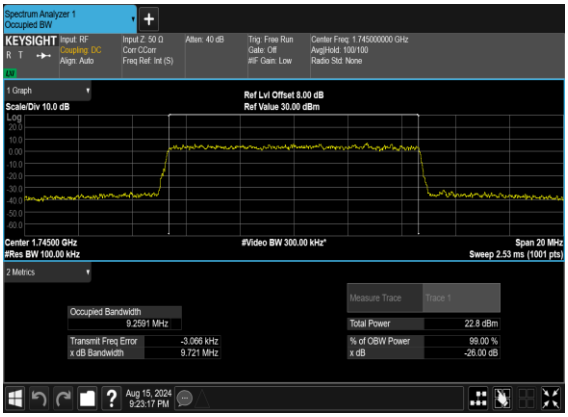

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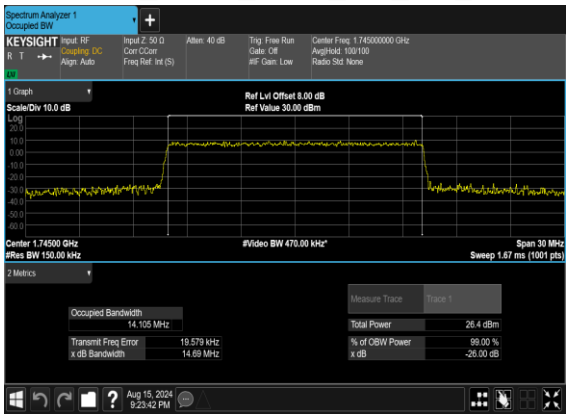
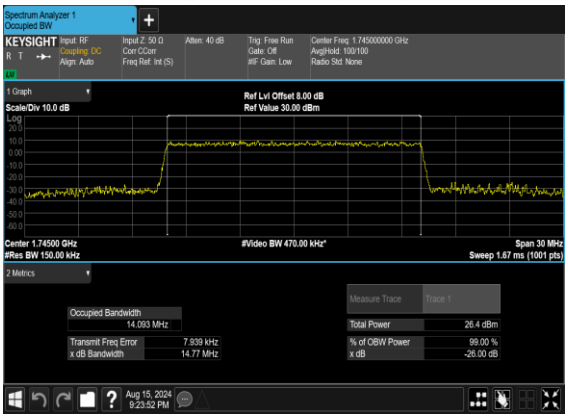


B30_N66(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



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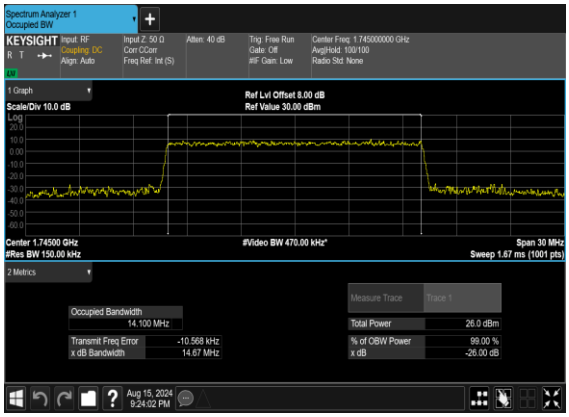
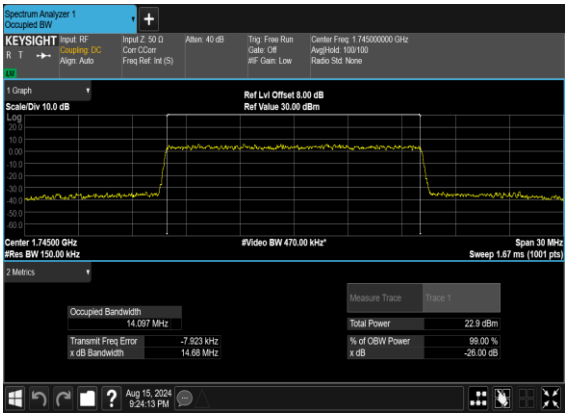


B30_N66(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



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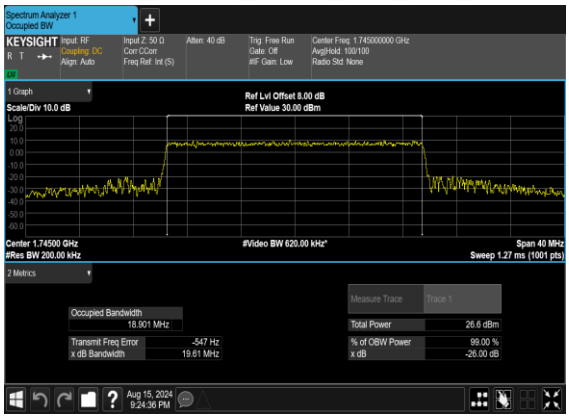
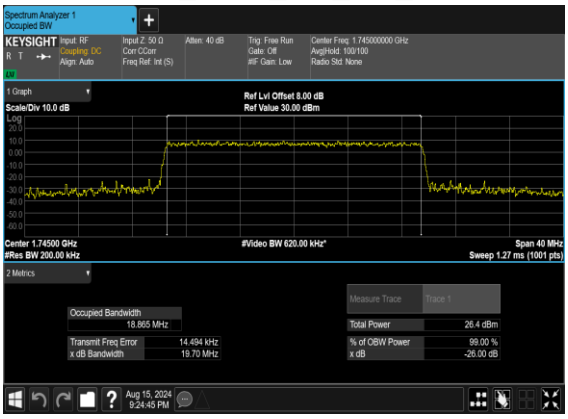
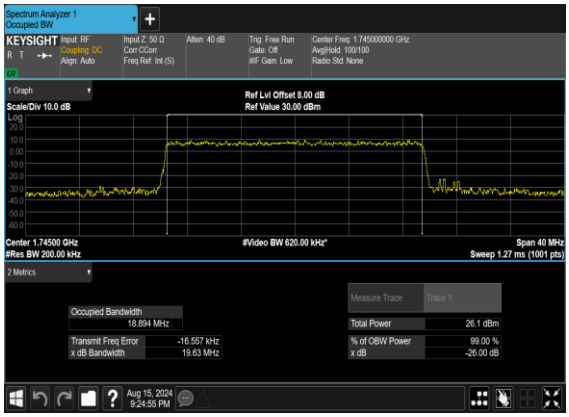


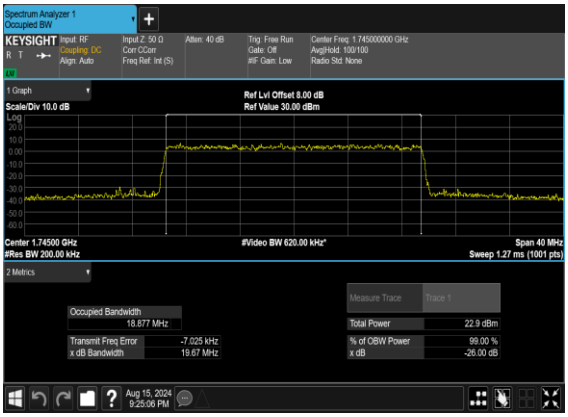
B30_N66(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



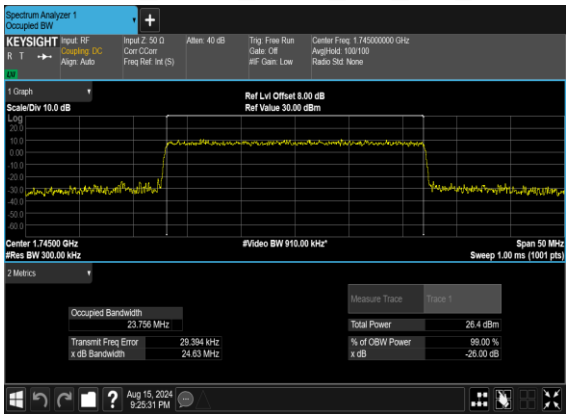
B30_N66(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



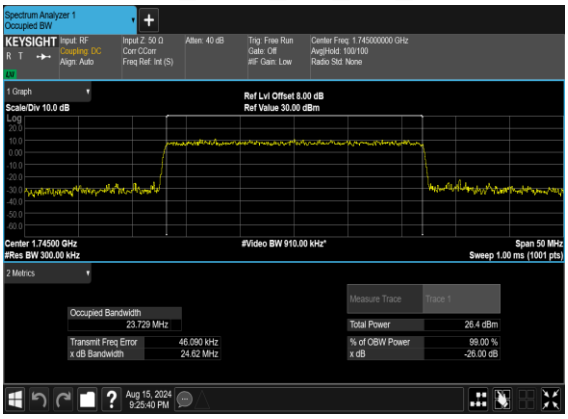
B30_N66(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



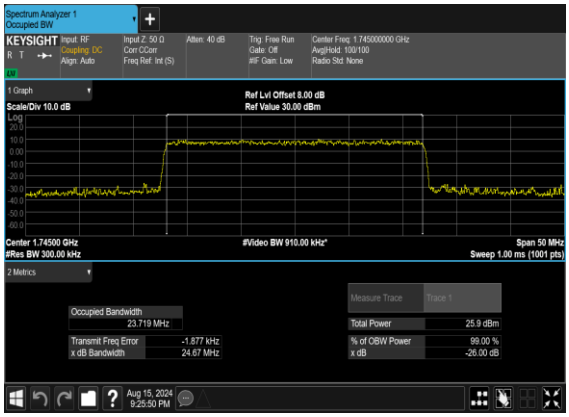
B30_N66(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



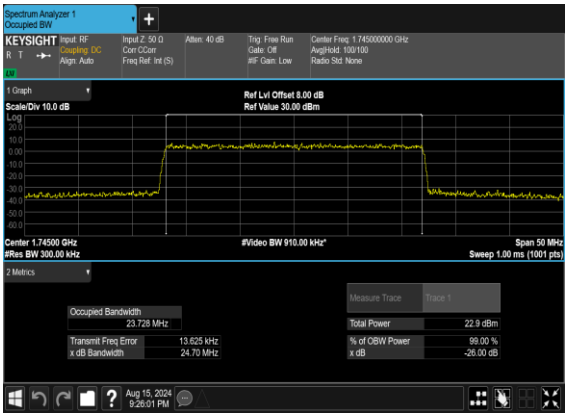
B30_N66(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



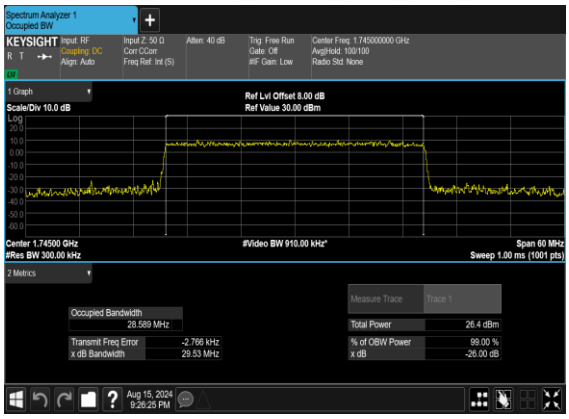
B30_N66(25M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



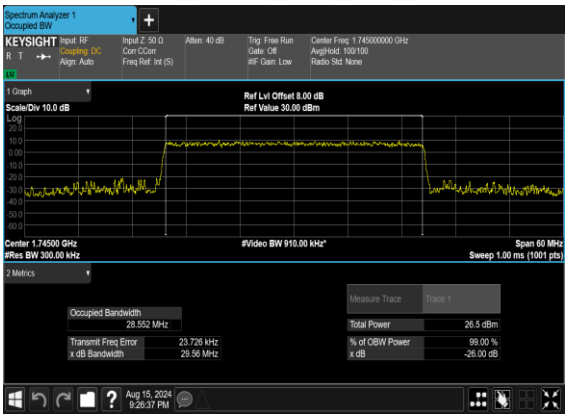
B30_N66(25M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



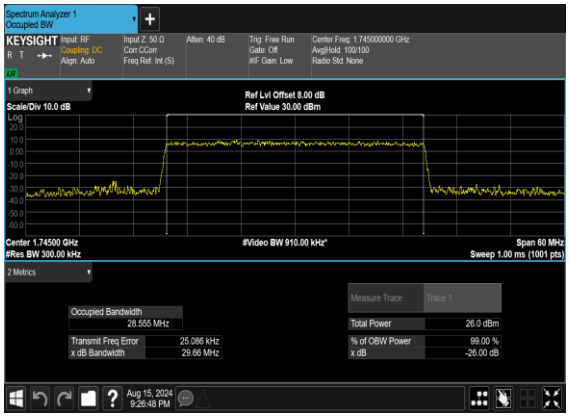
B30_N66(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



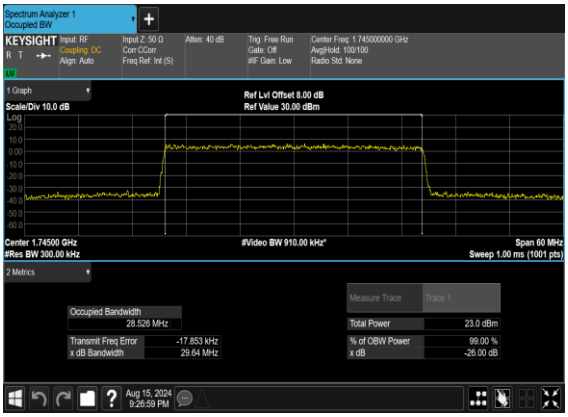
B30_N66(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



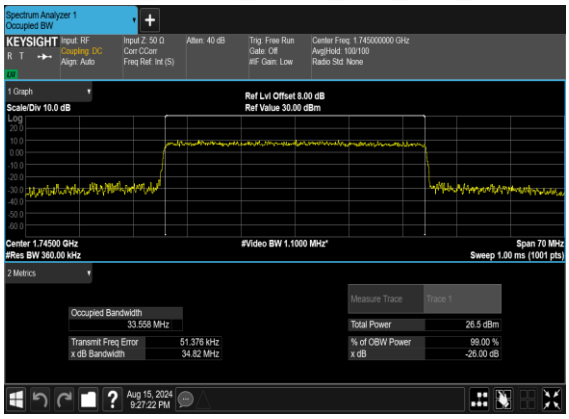
B30_N66(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



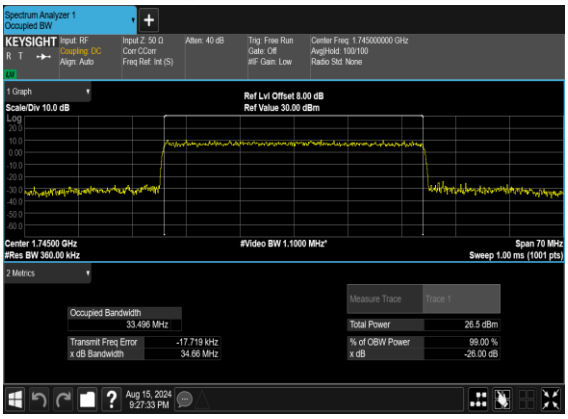
B30_N66(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



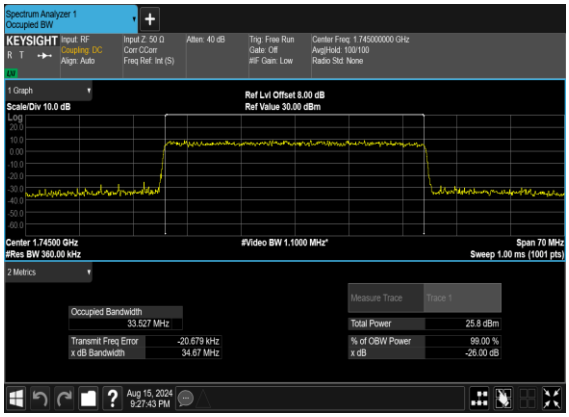
B30_N66(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



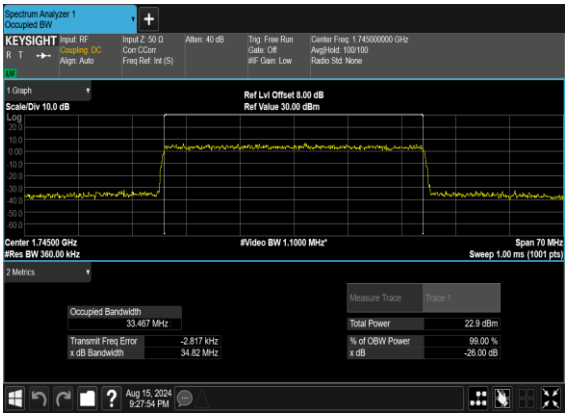
B30_N66(35M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B30_N66(35M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



B30_N66(35M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



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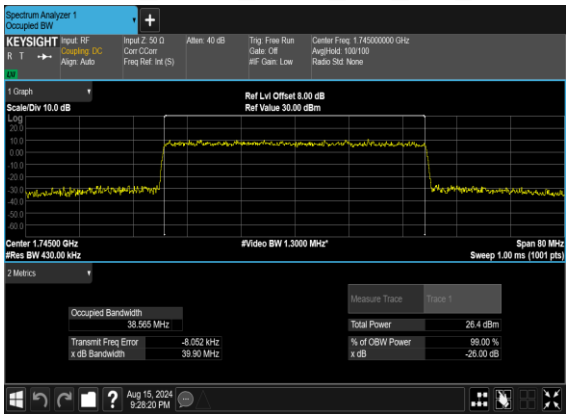
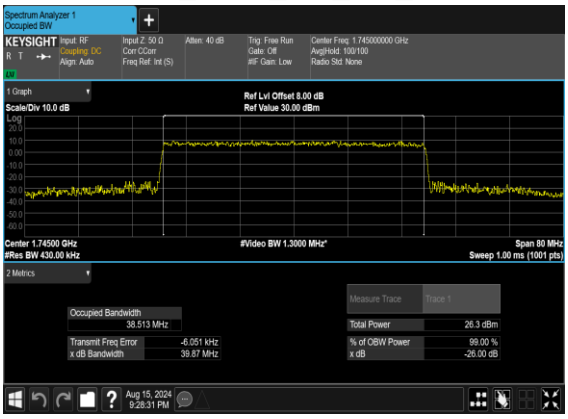
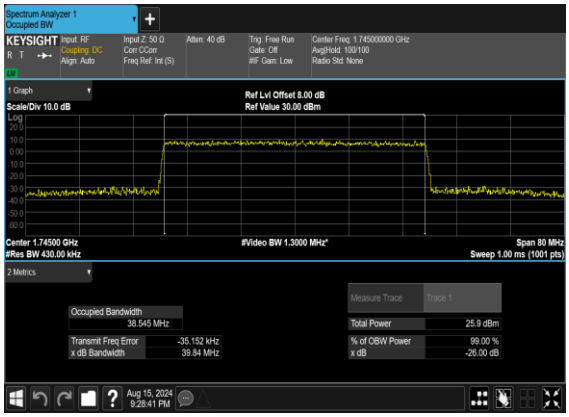


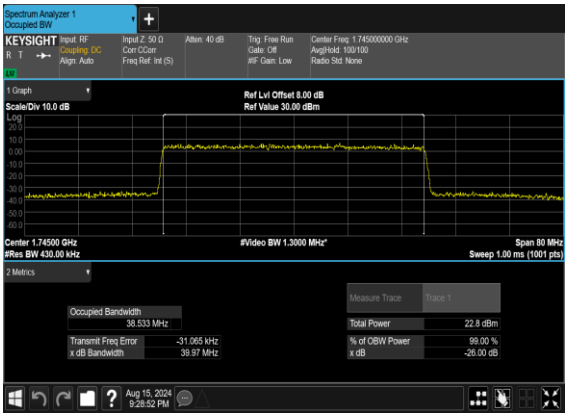
B30_N66(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



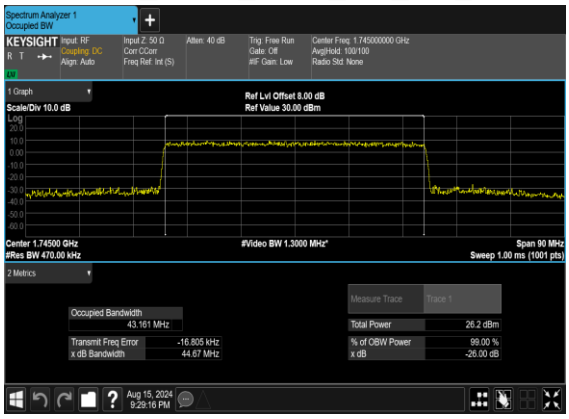
B30_N66(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



B30_N66(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



B30_N66(45M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



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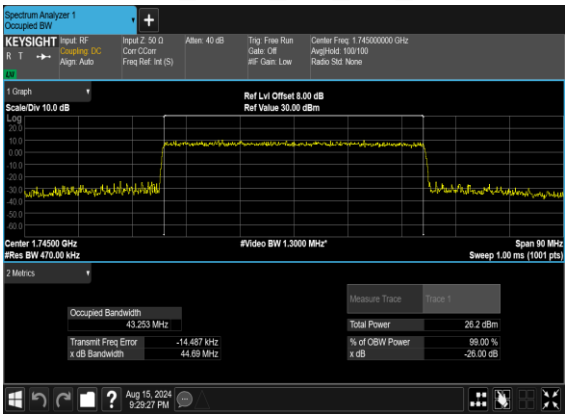
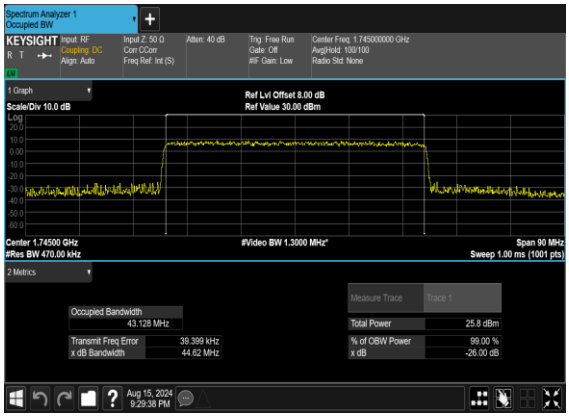
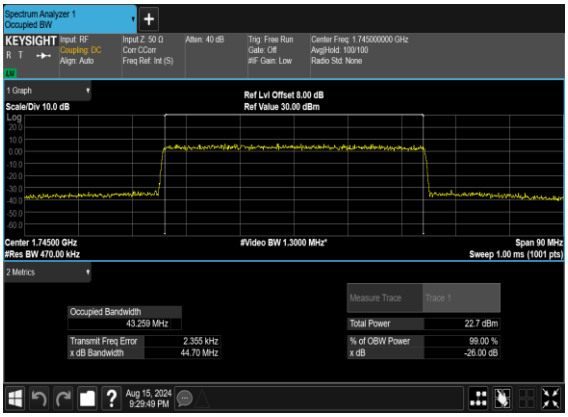


B30_N66(45M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



B30_N66(45M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

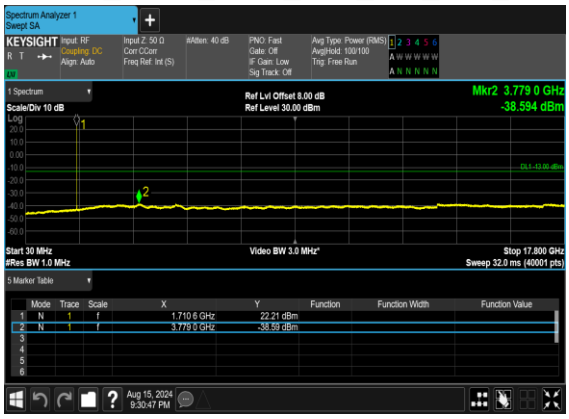


Conducted Spurious Emissions

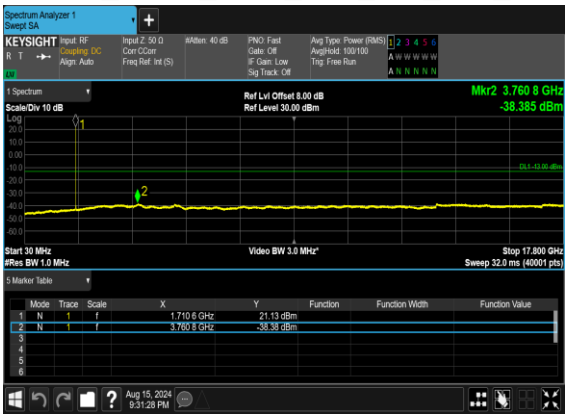
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	25	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	25	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	25	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	25	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	45	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	45	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	45	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	45	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

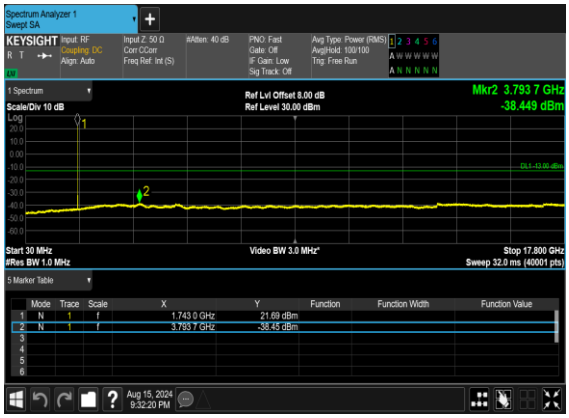
B30_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



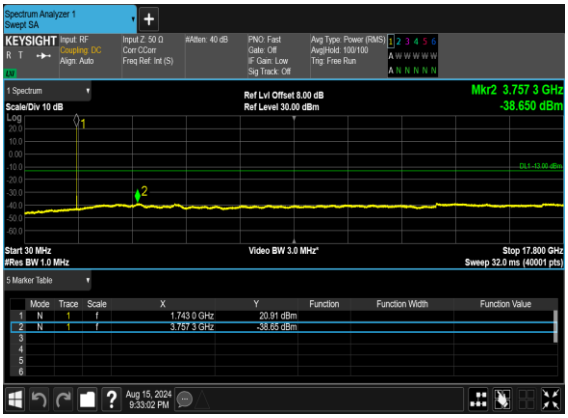
B30_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



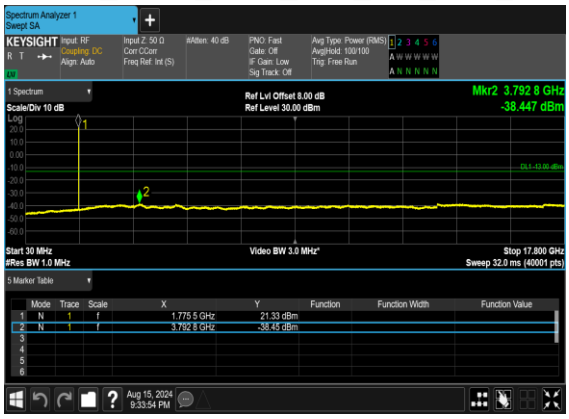
B30_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



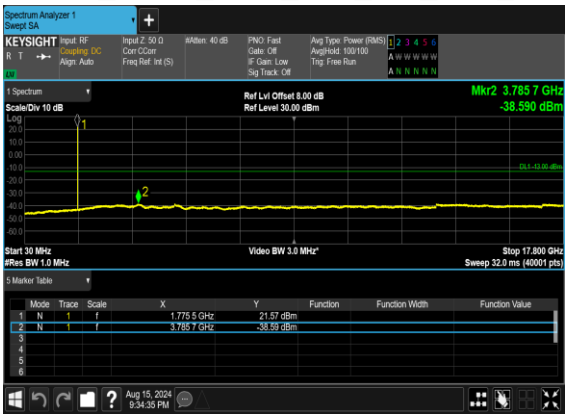
B30_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



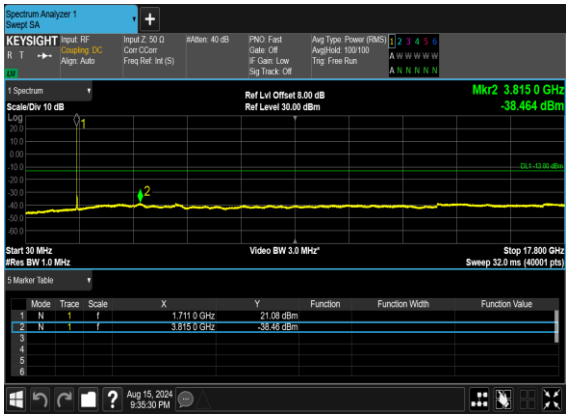
B30_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



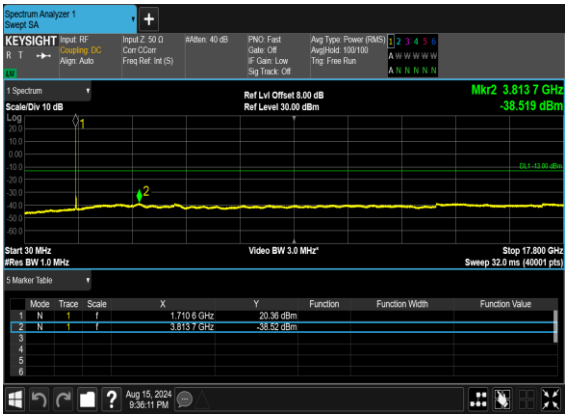
B30_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



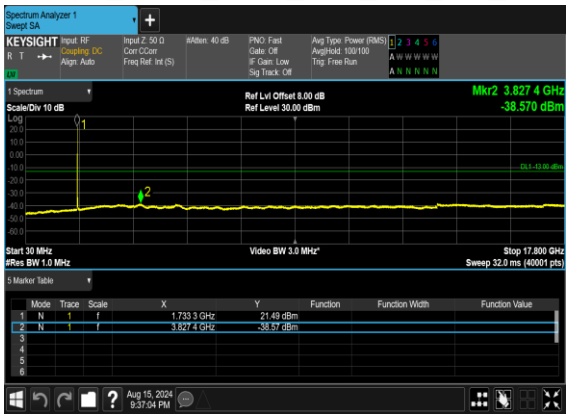
B30_N66(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



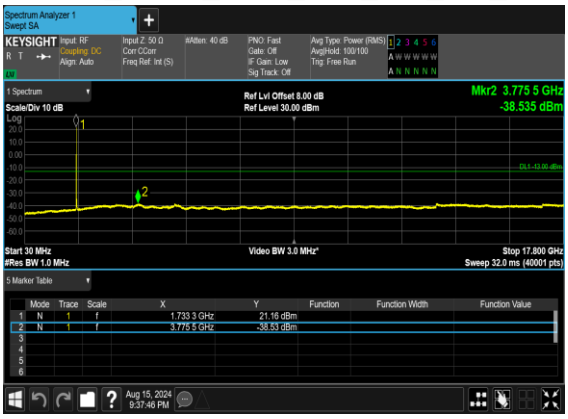
B30_N66(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



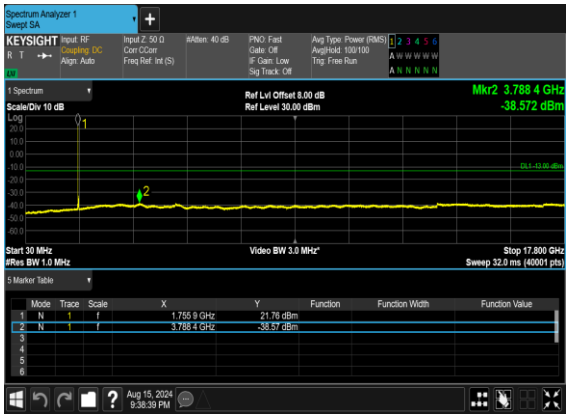
B30_N66(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



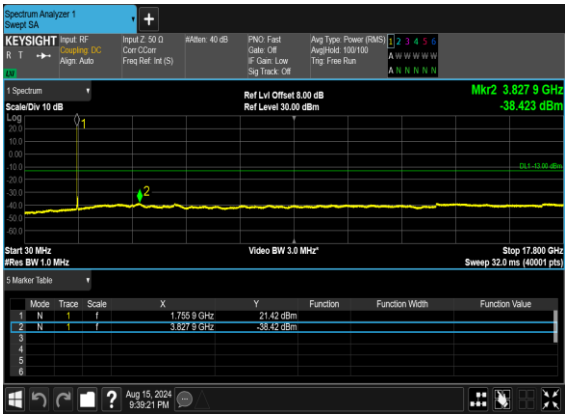
B30_N66(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



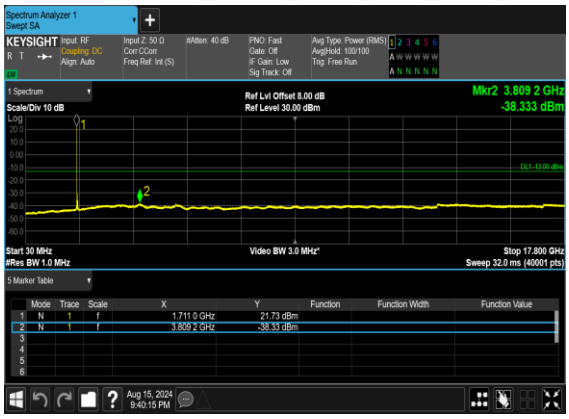
B30_N66(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



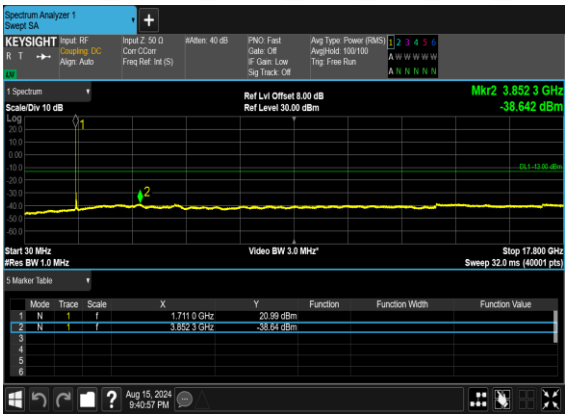
B30_N66(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



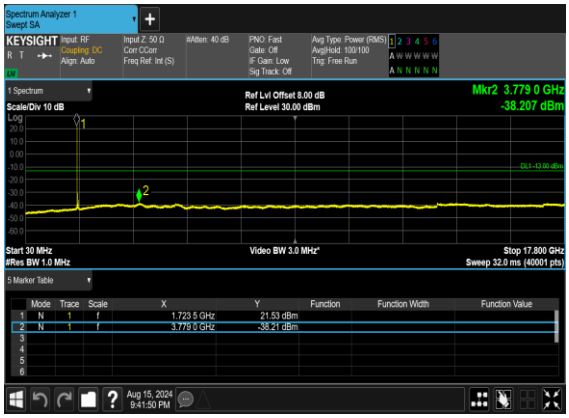
B30_N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



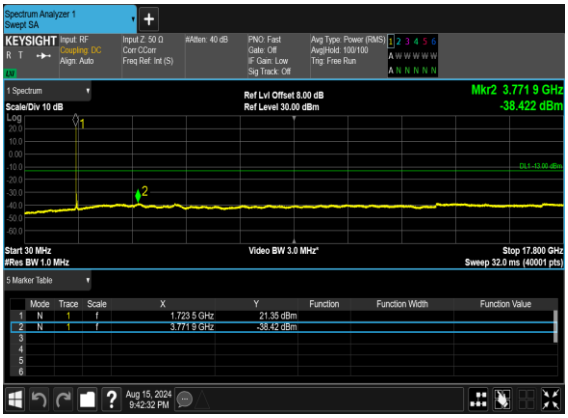
B30_N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



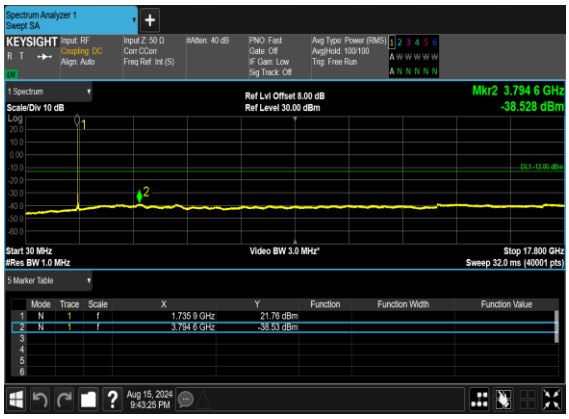
B30_N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



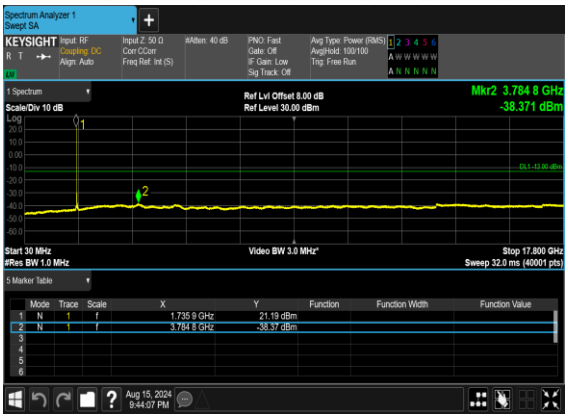
B30_N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B30_N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B30_N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

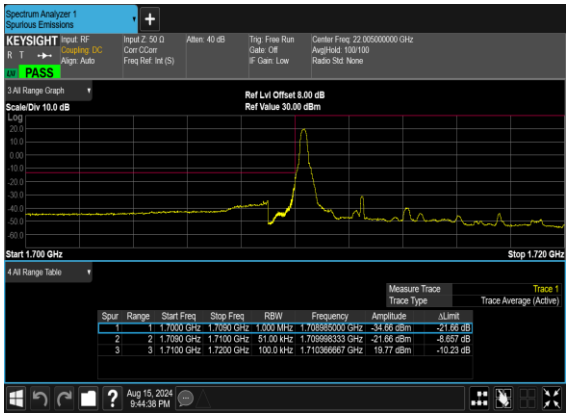


Conducted Band Edge

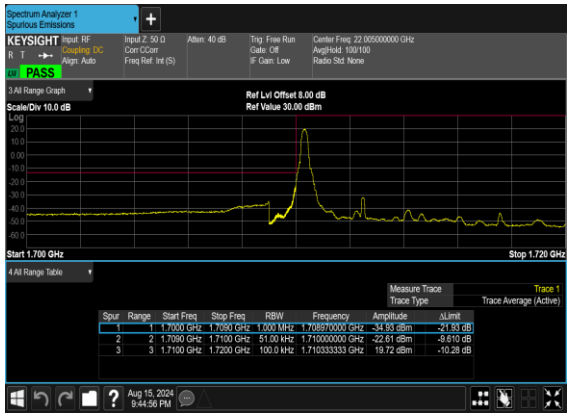
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@132	see graph	**PASS**
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@132	see graph	**PASS**
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	240@0	see graph	**PASS**
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	240@0	see graph	**PASS**

66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@241	see graph	**PASS**
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@241	see graph	**PASS**
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	240@0	see graph	**PASS**
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	240@0	see graph	**PASS**

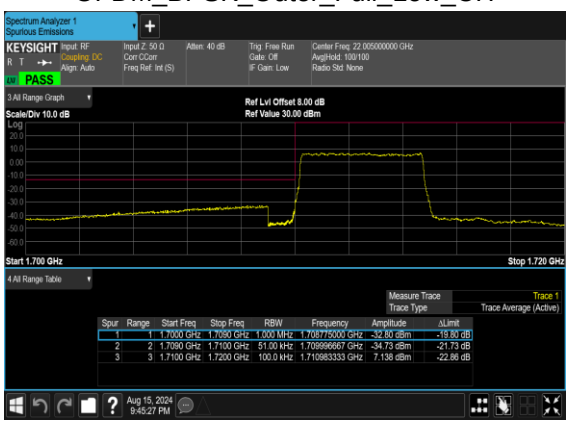
B30_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



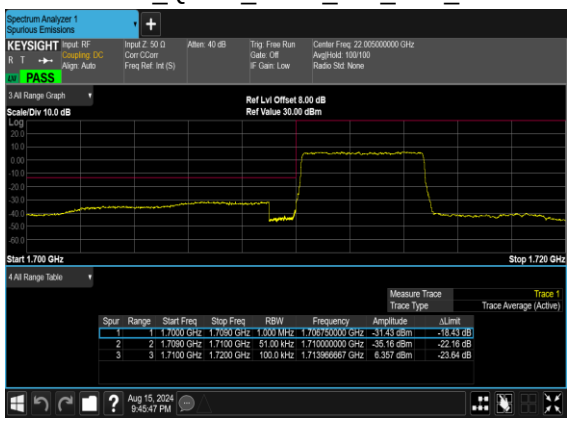
B30_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B30_N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

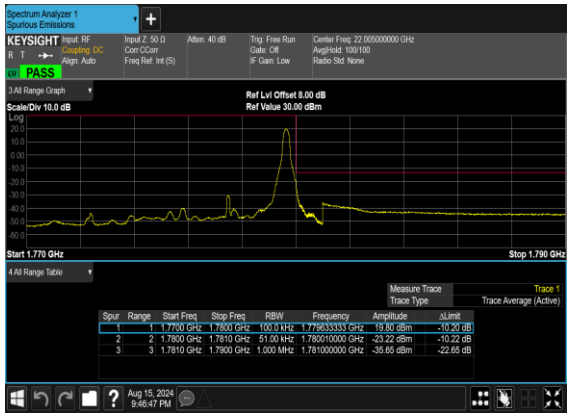


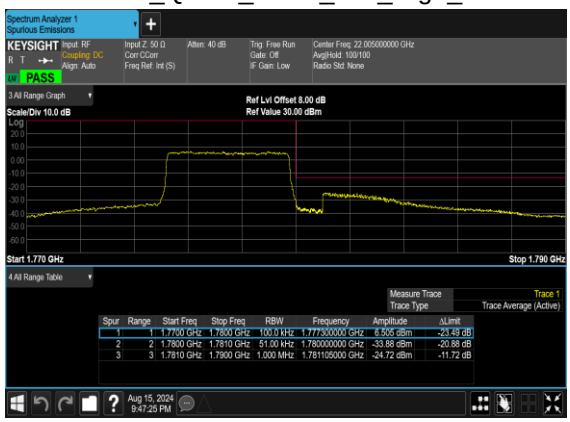
B30_N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B30_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

B30_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B30_N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

B30_N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH