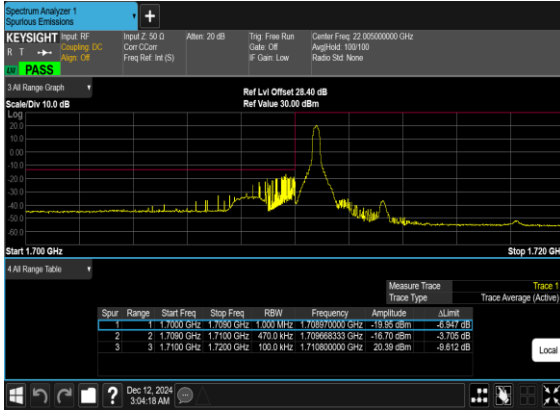
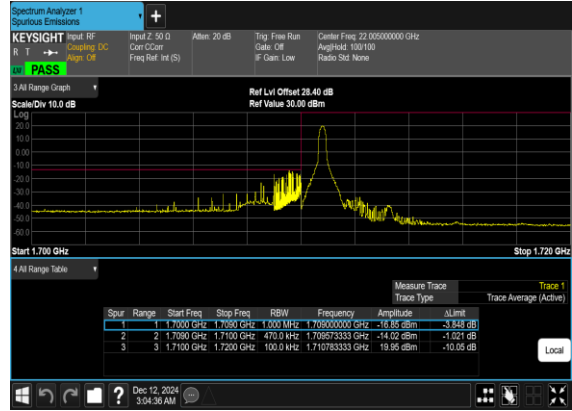




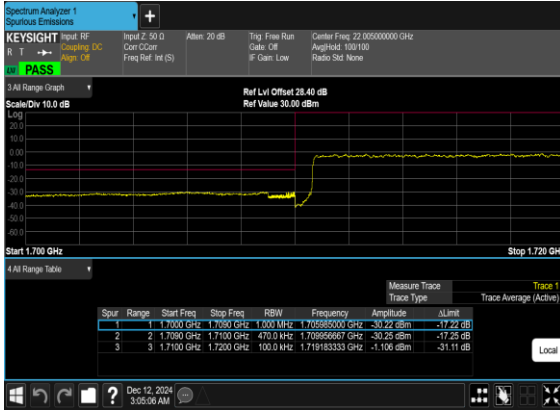
N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



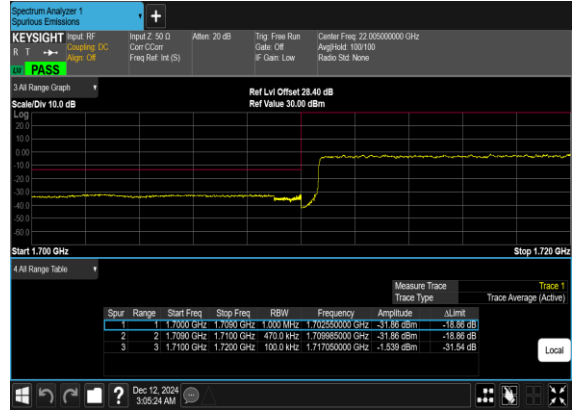
N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(45M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N66(45M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

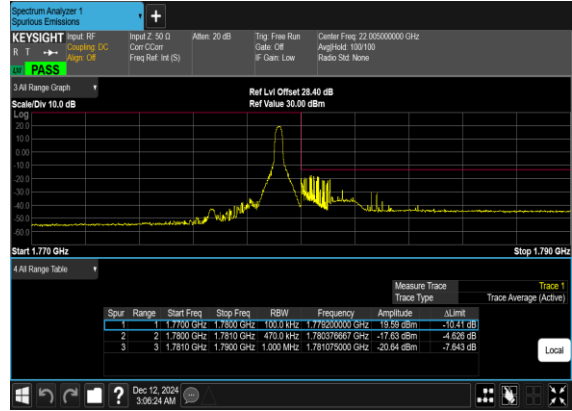




N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



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 MIMO-ANT(2+3)_Ant 3

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	0.0045	PASS	NV
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	-0.0027	PASS	LV
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	0.0021	PASS	HV
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	-0.0011	PASS	-30°C
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	-0.0008	PASS	-20°C
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	0.0022	PASS	-10°C
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	0.0043	PASS	0°C
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	0.0019	PASS	10°C
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	0.0023	PASS	20°C
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	0.0005	PASS	30°C
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	-0.0015	PASS	40°C
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	0.0044	PASS	50°C



Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	344000	1720.0	DFT-s-OFDM PI/2 BPSK	100@0	4.44	13	PASS
66	15	20	344000	1720.0	DFT-s-OFDM PI/2 BPSK	1@0	4.76	13	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	5.71	13	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	5.47	13	PASS



N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



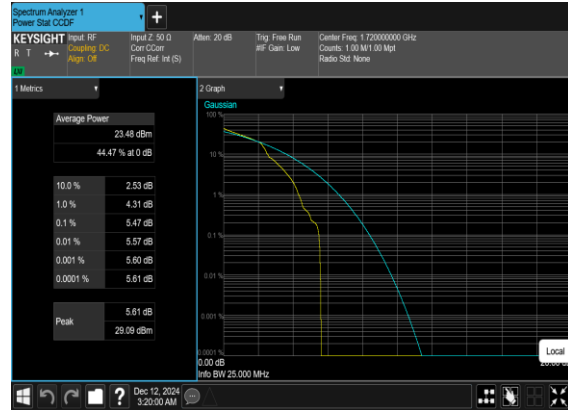
N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH





Occupied Bandwidth

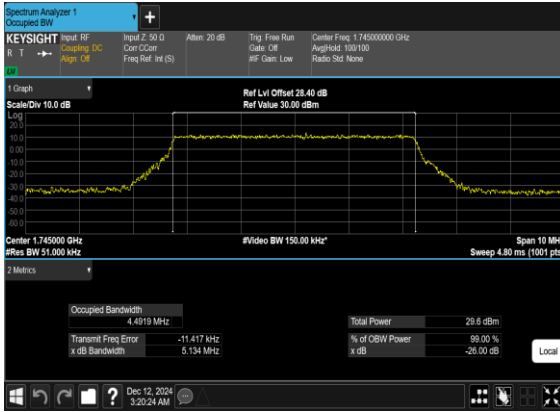
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4919	5.134
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4786	5.078
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4806	5.074
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4743	5.07
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2643	10.0
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2599	9.976
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2643	9.945
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.3004	10.02
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.095	15.02
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.092	14.97
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.112	14.85
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.1	14.98
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.934	19.94
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.946	19.77
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.928	19.69
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.963	19.88
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.777	24.74
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.757	24.77
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.716	24.81
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.8	24.82
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.586	29.78
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.615	29.62
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.555	29.64



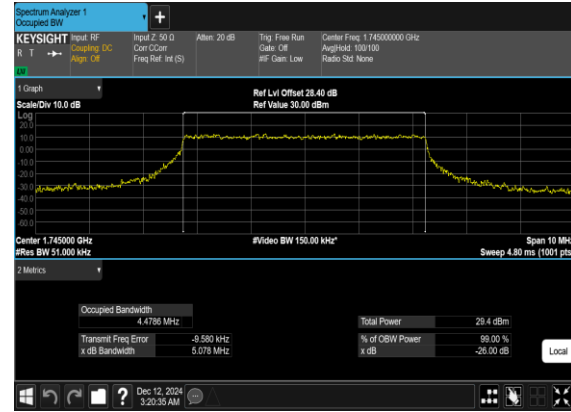
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.573	29.67
66	15	35	349000	1745.0	CP-OFDM QPSK	188@0	33.475	34.85
66	15	35	349000	1745.0	CP-OFDM 16 QAM	188@0	33.606	34.87
66	15	35	349000	1745.0	CP-OFDM 64 QAM	188@0	33.586	34.77
66	15	35	349000	1745.0	CP-OFDM 256 QAM	188@0	33.543	34.75
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.507	40.01
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.578	39.98
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.608	39.86
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.565	40.09
66	15	45	349000	1745.0	CP-OFDM QPSK	242@0	43.108	44.6
66	15	45	349000	1745.0	CP-OFDM 16 QAM	242@0	43.154	44.68
66	15	45	349000	1745.0	CP-OFDM 64 QAM	242@0	43.099	44.6
66	15	45	349000	1745.0	CP-OFDM 256 QAM	242@0	43.235	44.67



N66(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



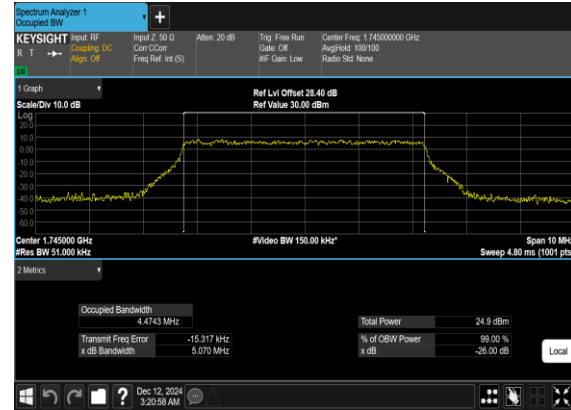
N66(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N66(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

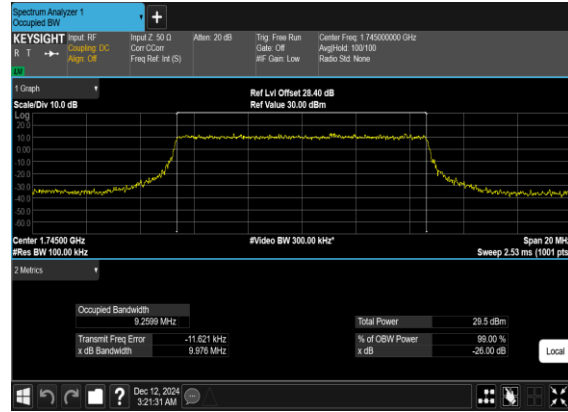




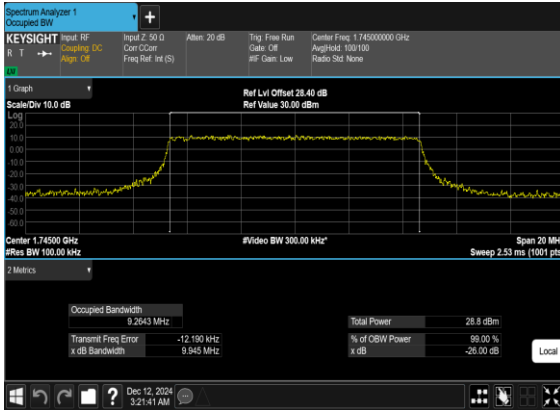
N66(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



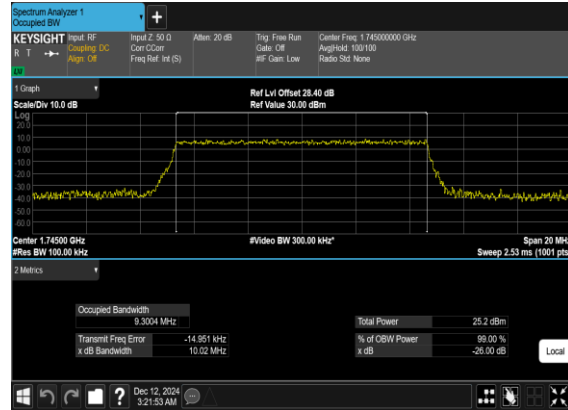
N66(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

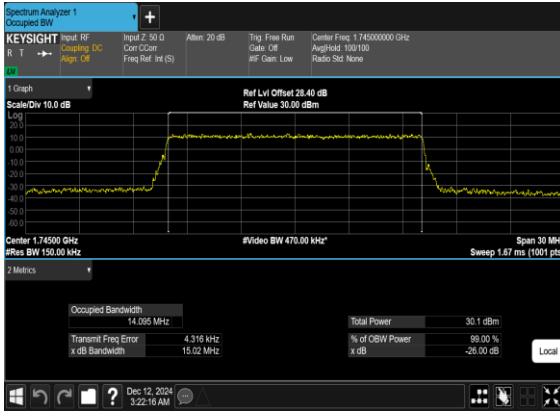


N66(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





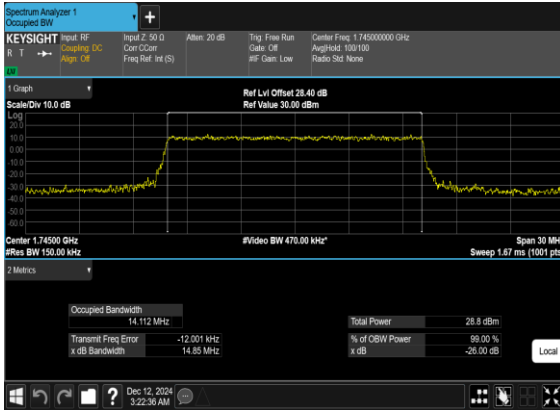
N66(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



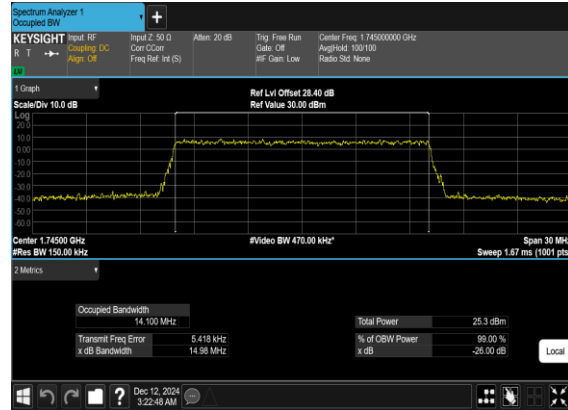
N66(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

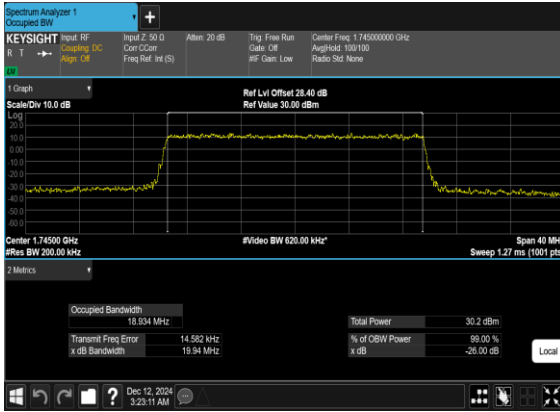


N66(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

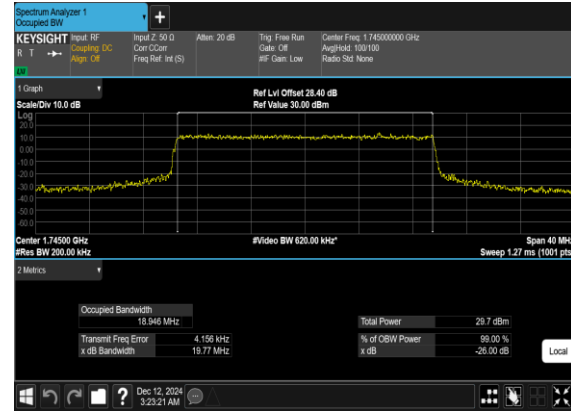




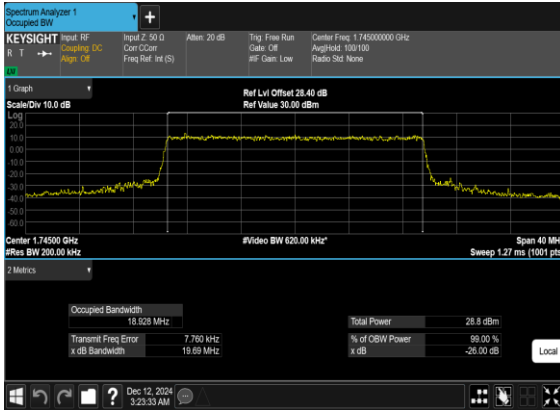
N66(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



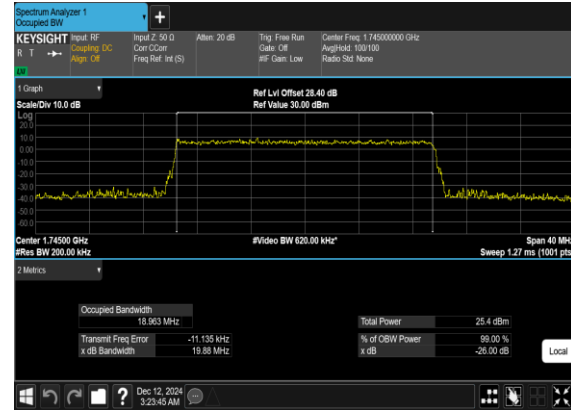
N66(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

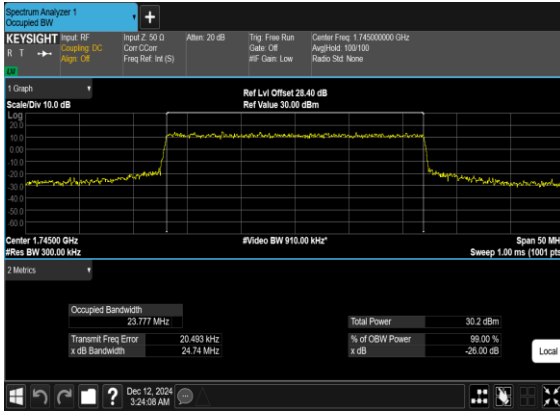


N66(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

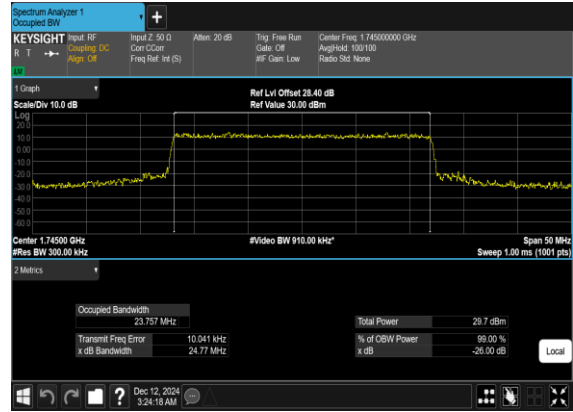




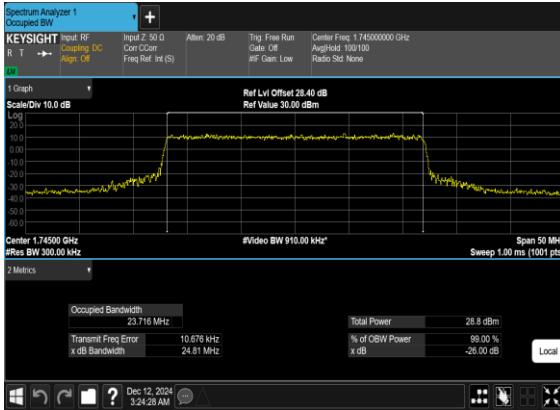
N66(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



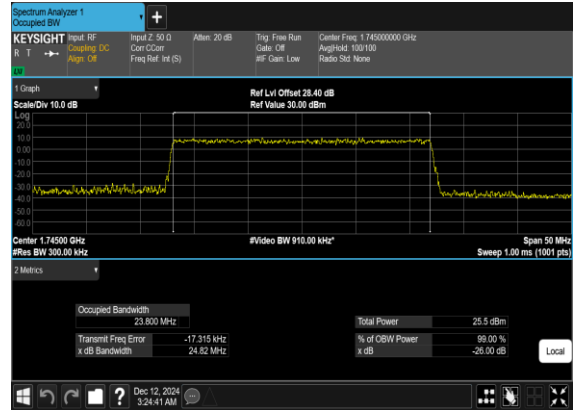
N66(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(25M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

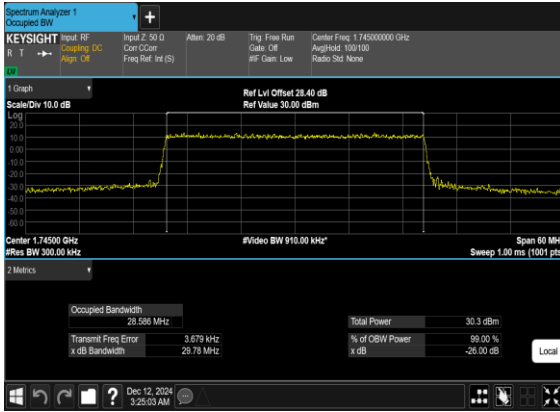


N66(25M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

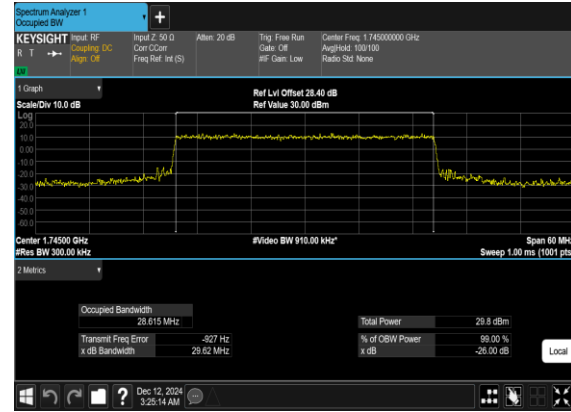




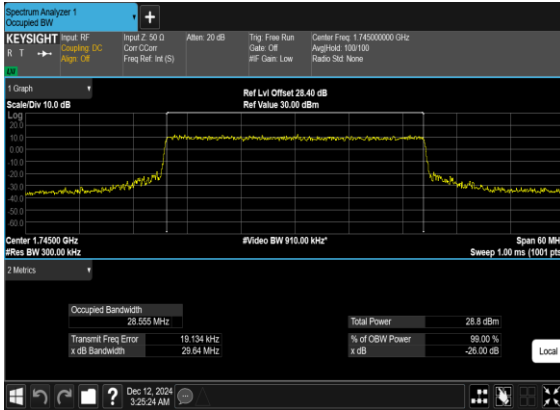
N66(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



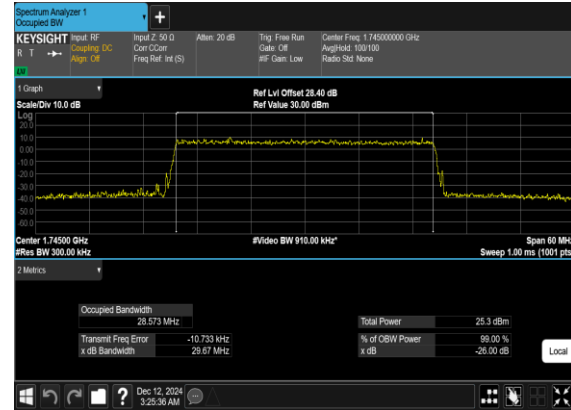
N66(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

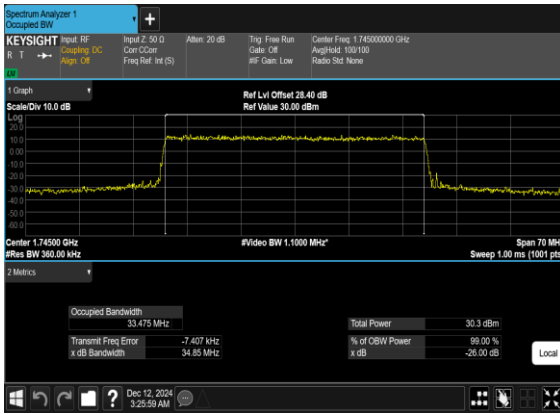


N66(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

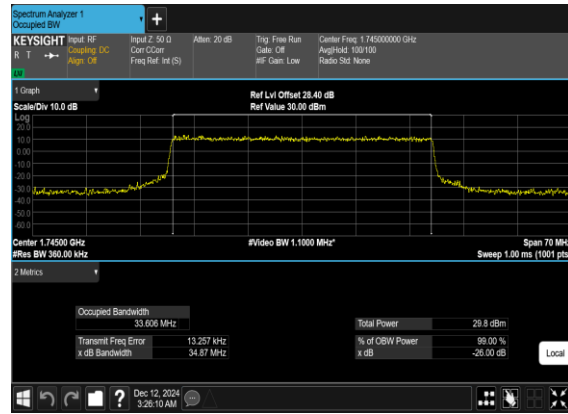




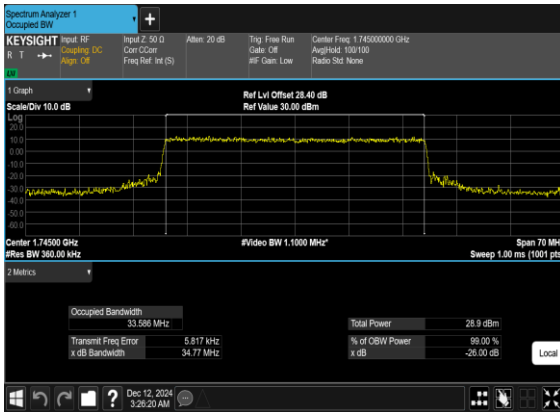
N66(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



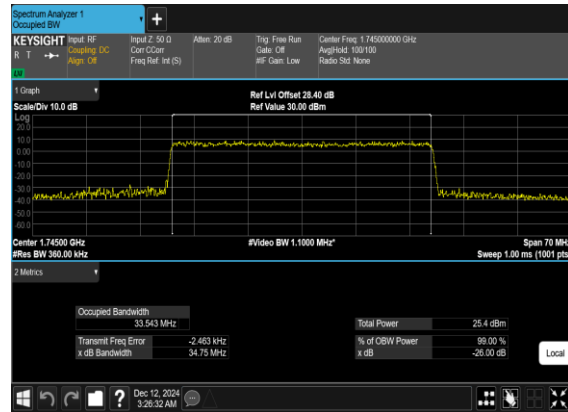
N66(35M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(35M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N66(35M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

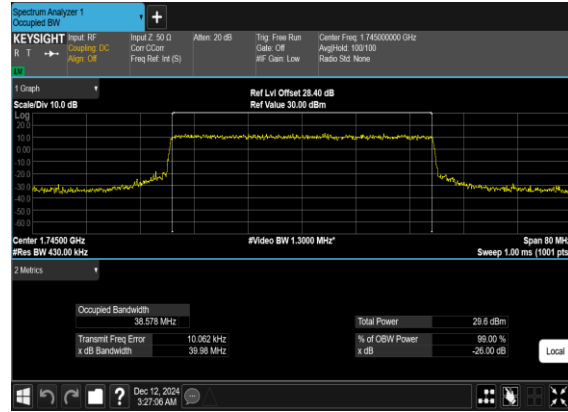




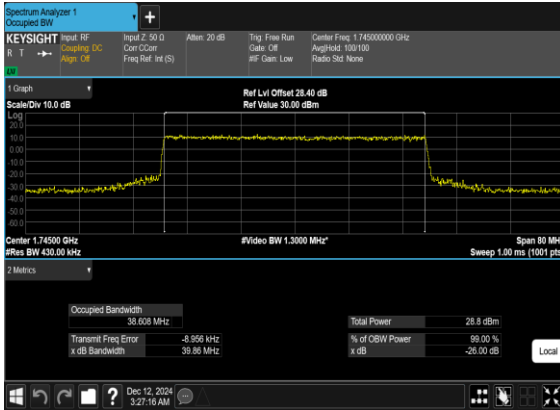
N66(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



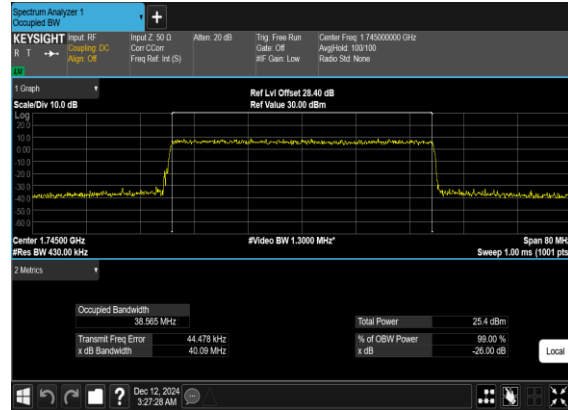
N66(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

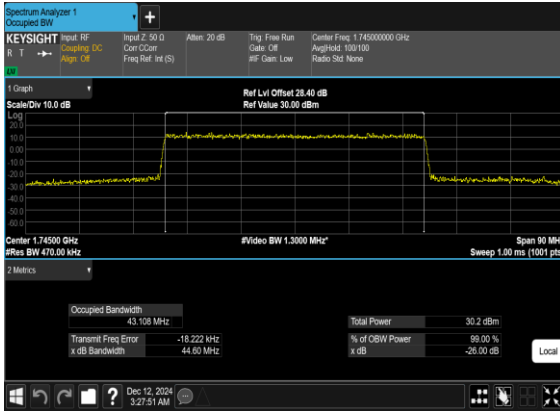


N66(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





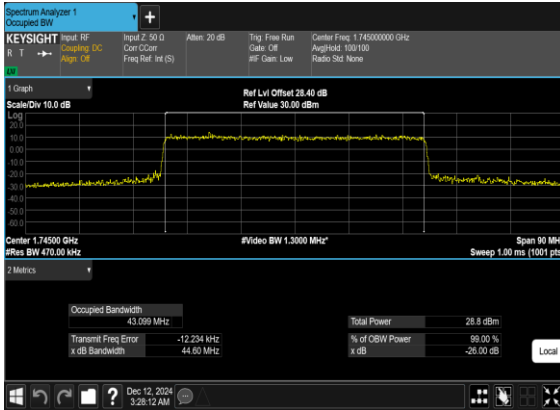
N66(45M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



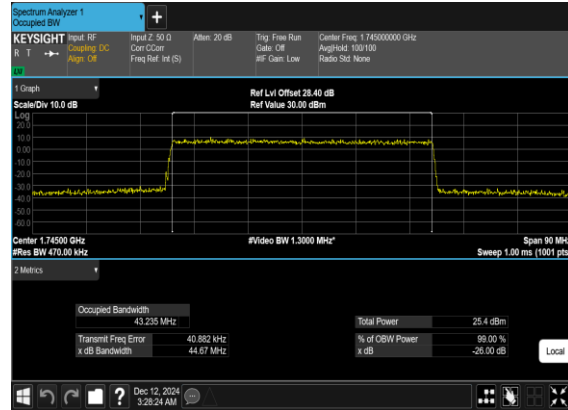
N66(45M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(45M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N66(45M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

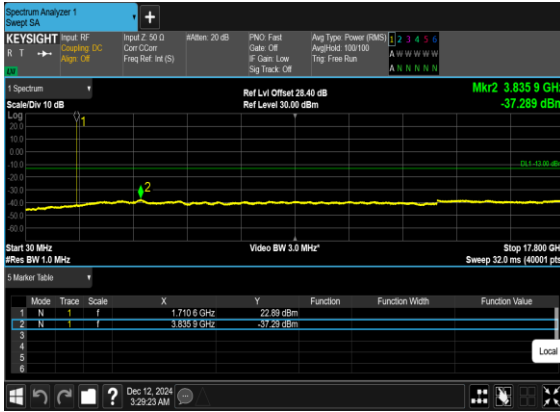
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	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



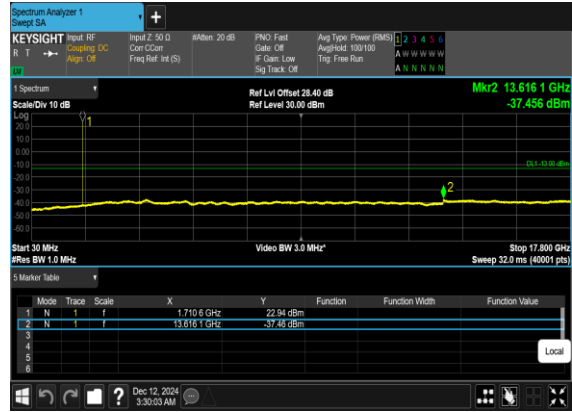
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	45	346500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



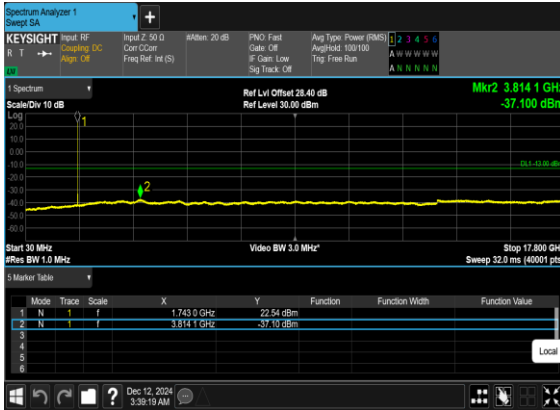
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



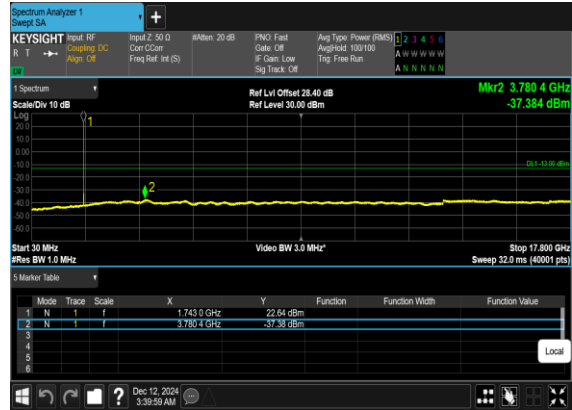
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N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

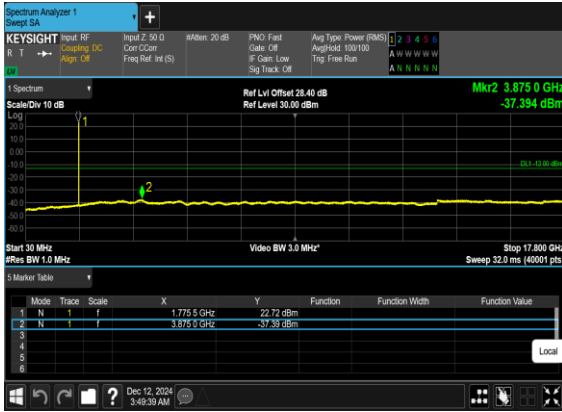


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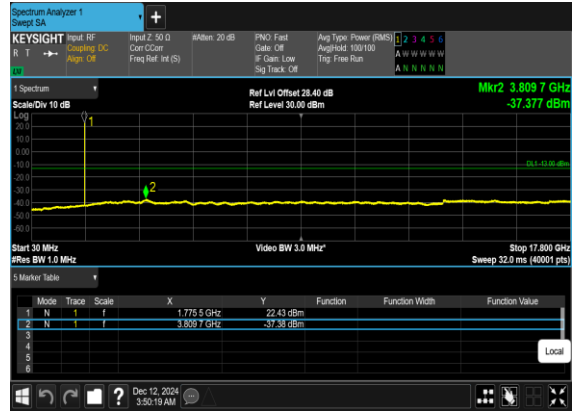




N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

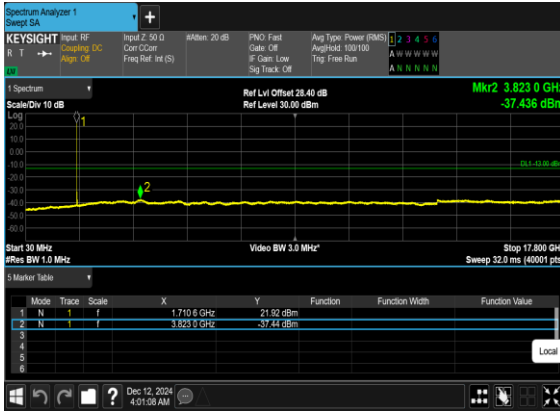


N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

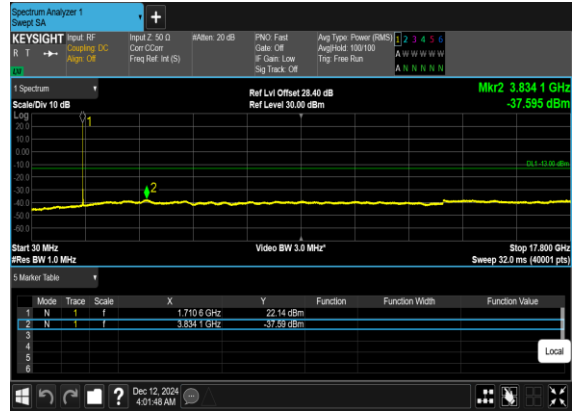




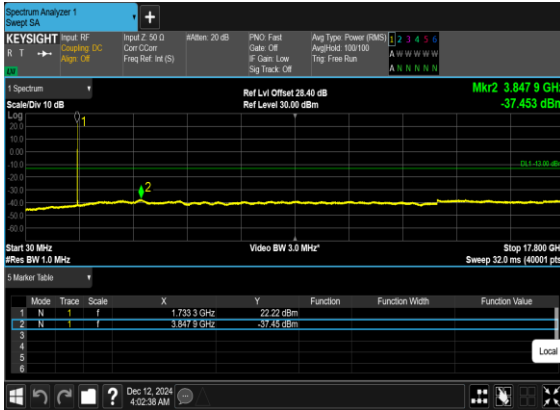
N66(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



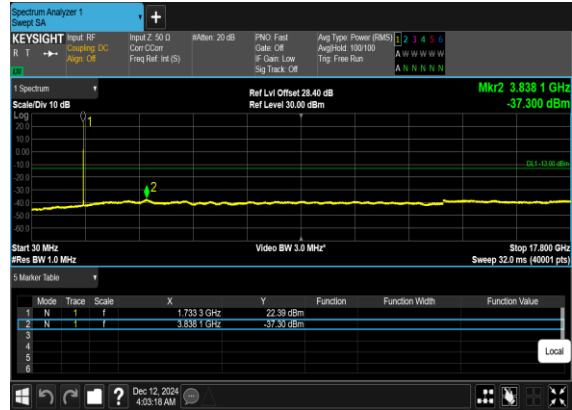
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N66(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

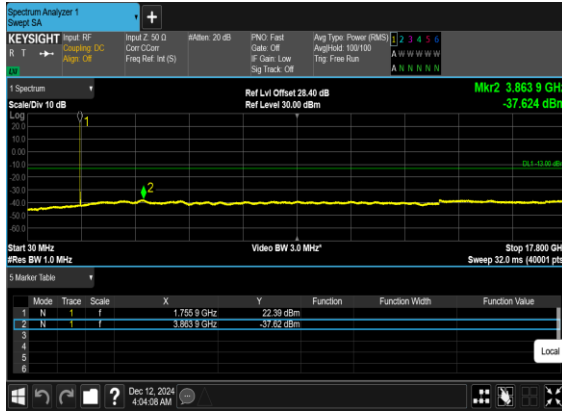


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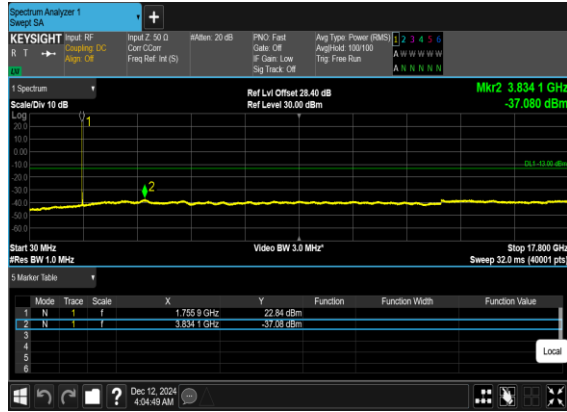




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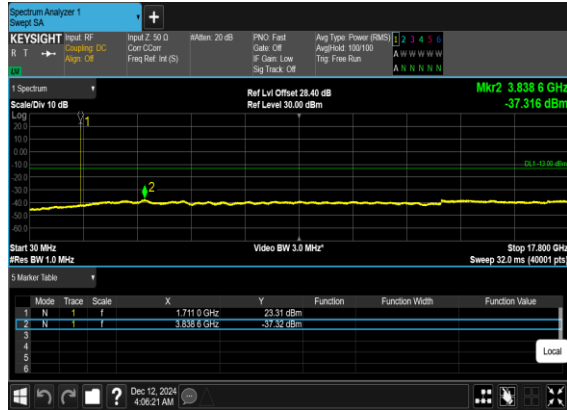
N66(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

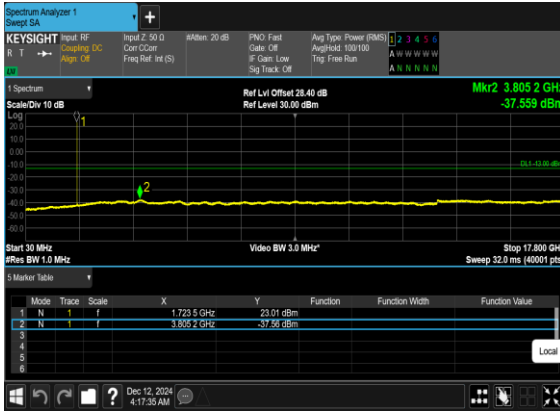


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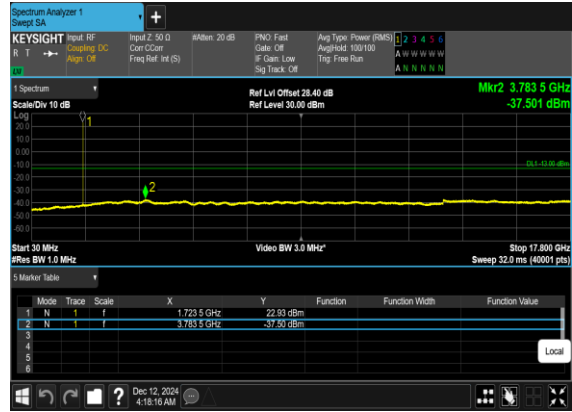




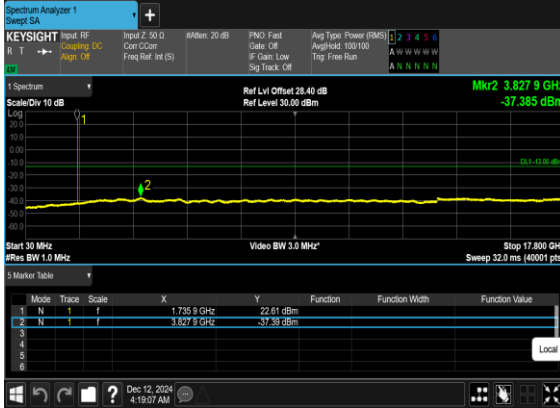
N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



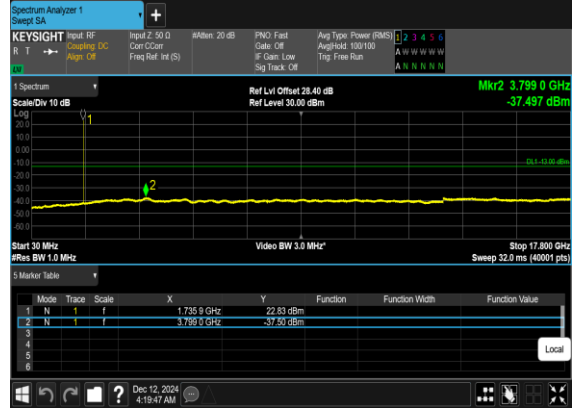
N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



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

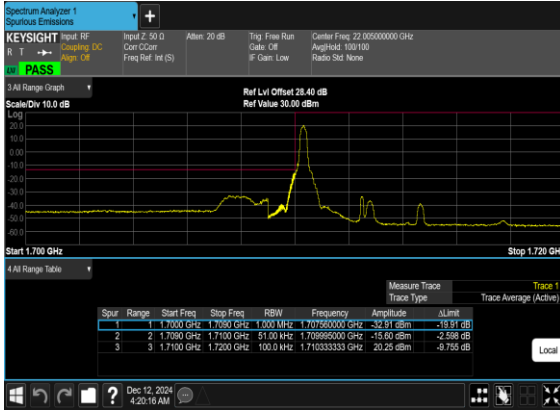
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	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	1@241	see graph	PASS



BPSK								
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



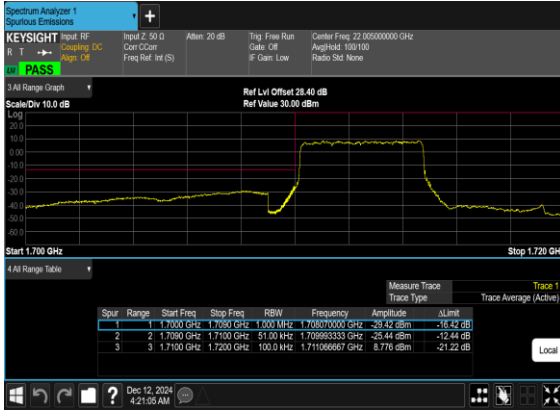
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



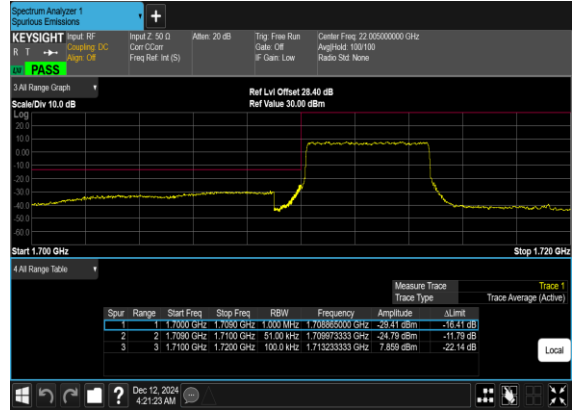
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

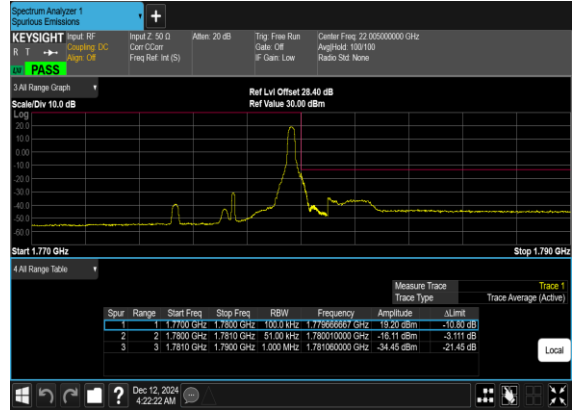




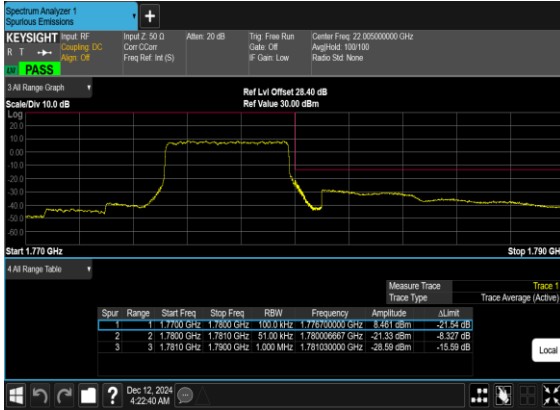
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

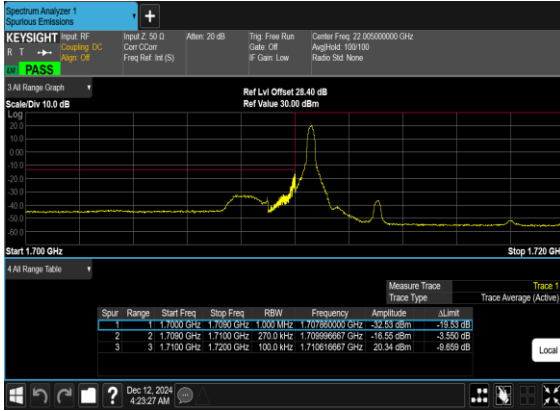


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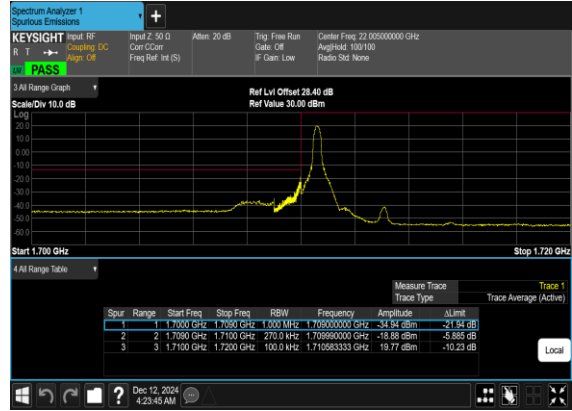




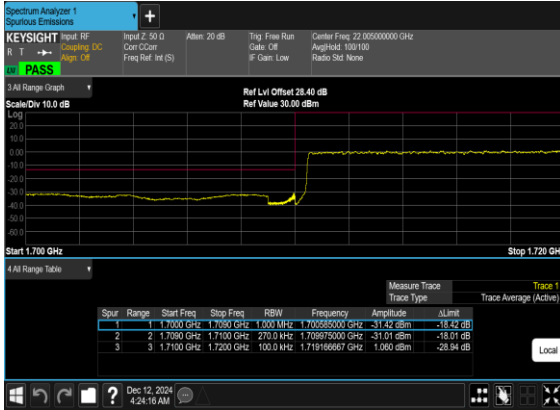
N66(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



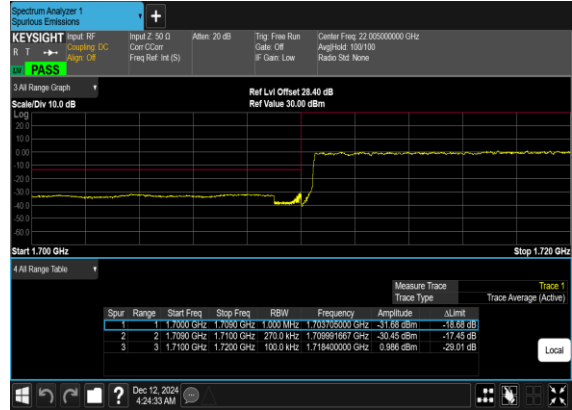
N66(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(25M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

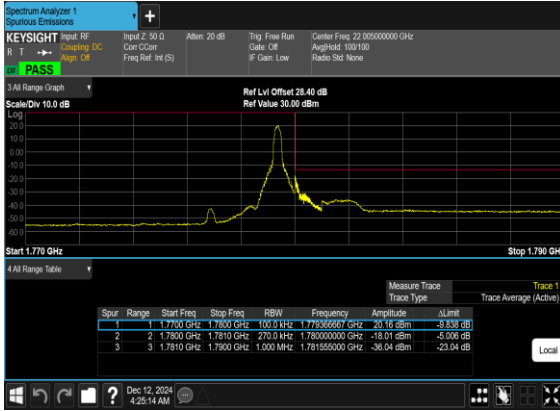


N66(25M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

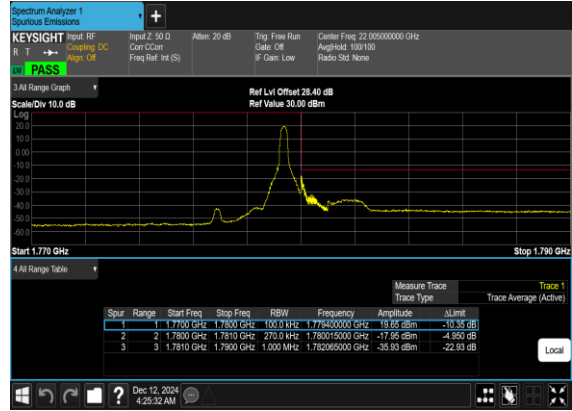




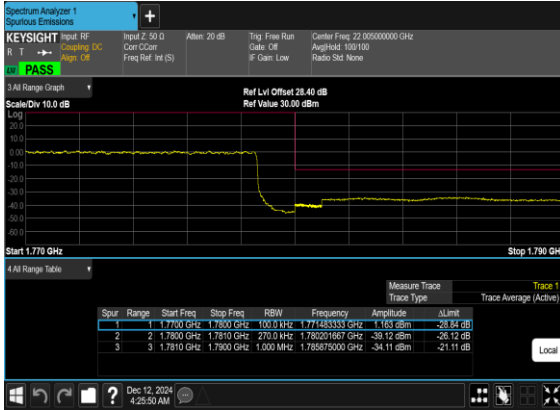
N66(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



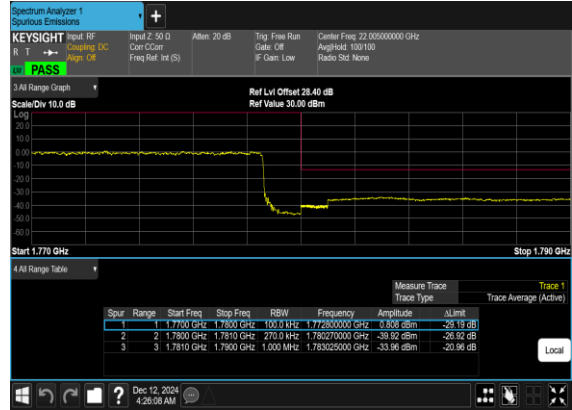
N66(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N66(25M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

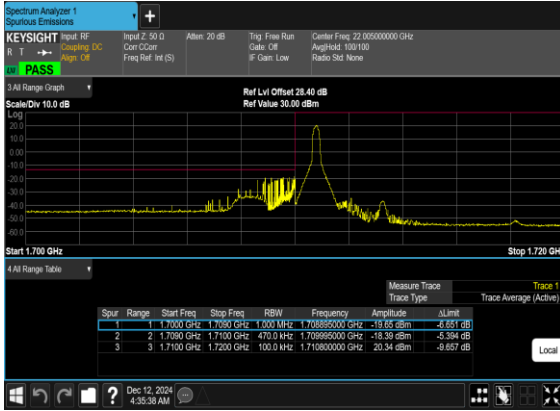


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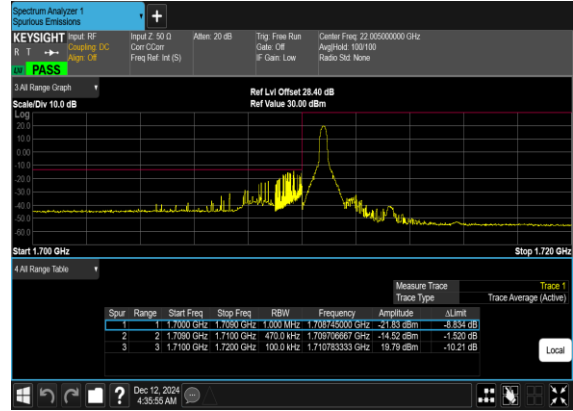




N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



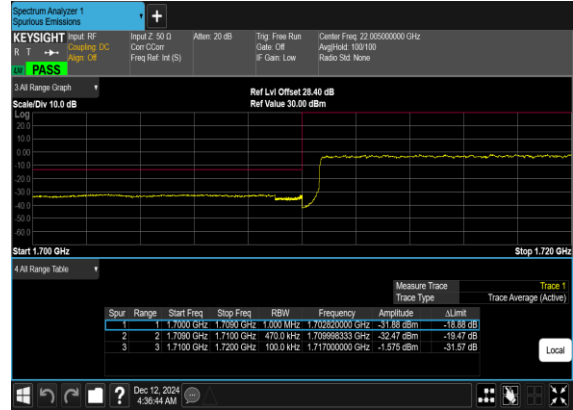
N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(45M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

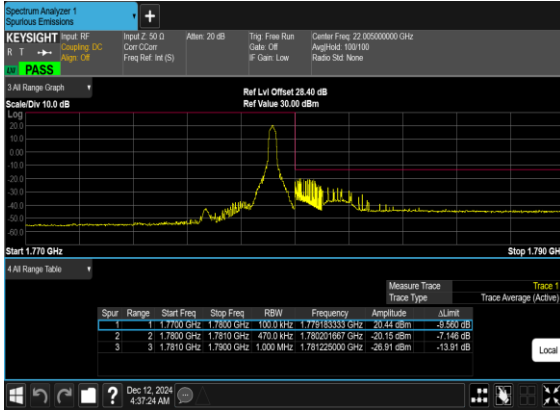


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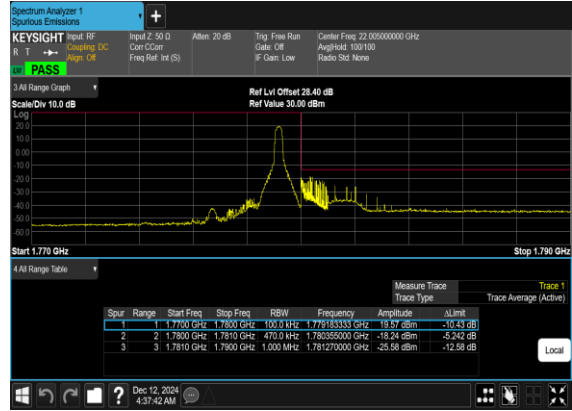




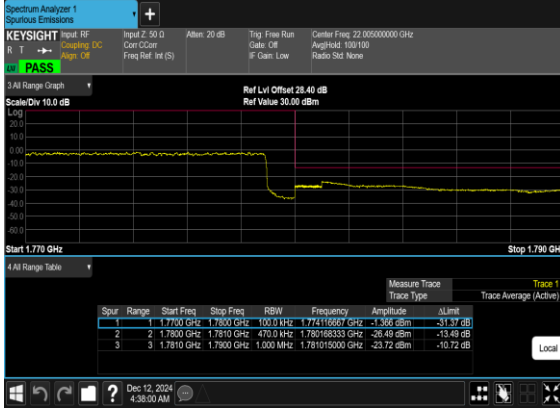
N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



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

