



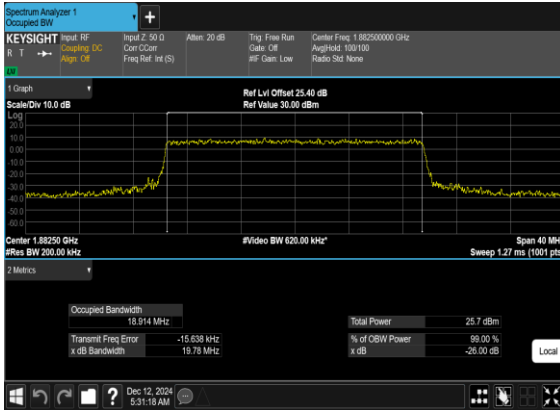
N25(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



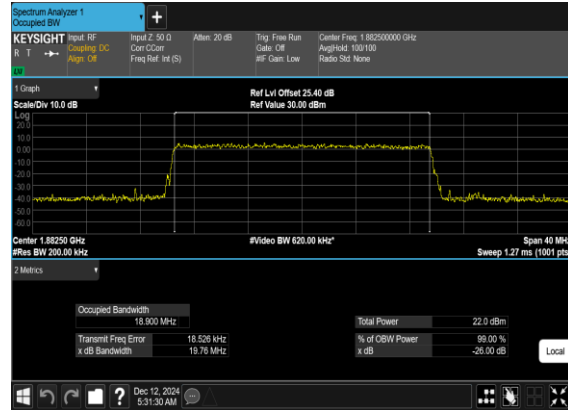
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N25(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

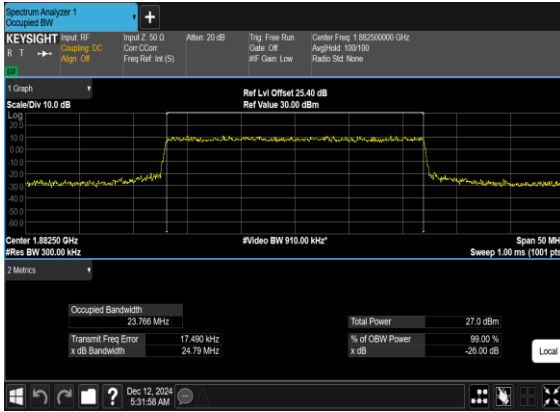


N25(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

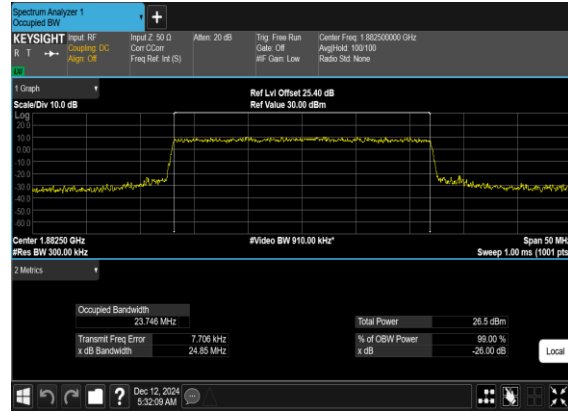




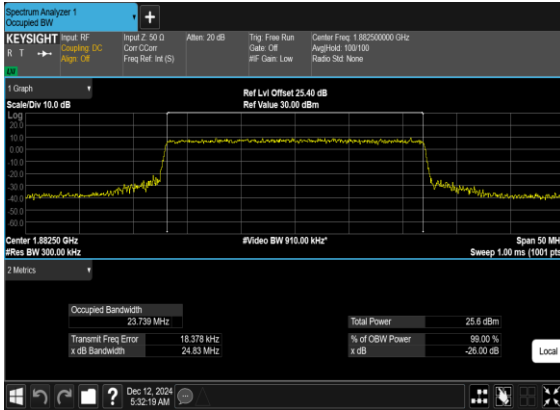
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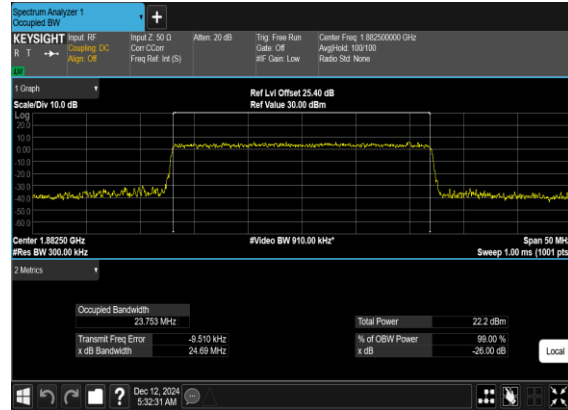
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N25(25M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

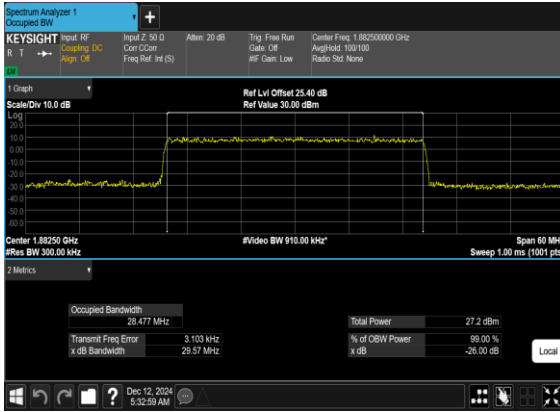


N25(25M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





N25(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



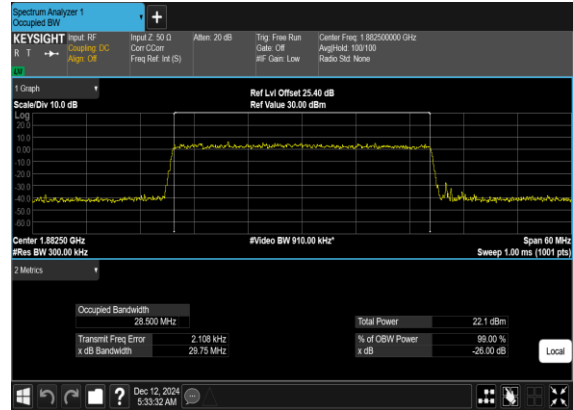
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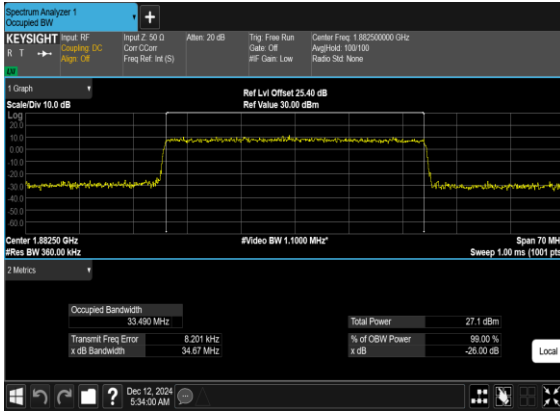


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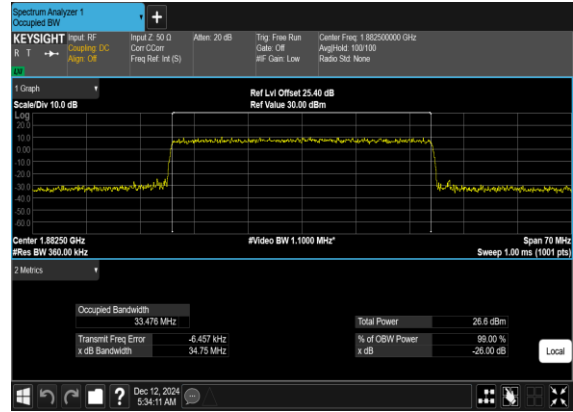




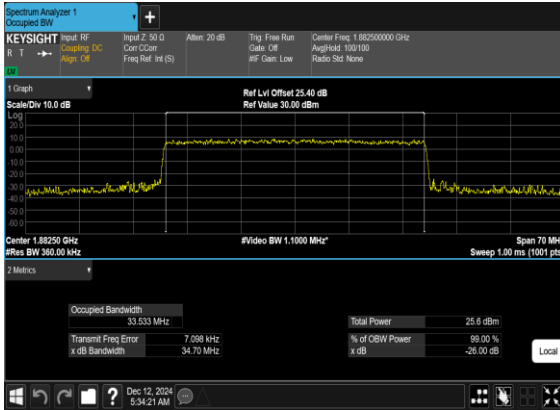
N25(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



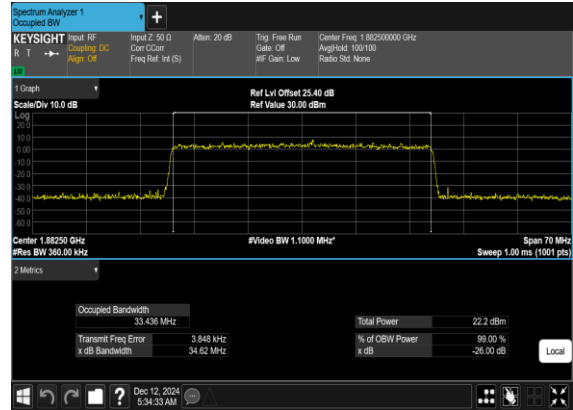
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N25(35M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

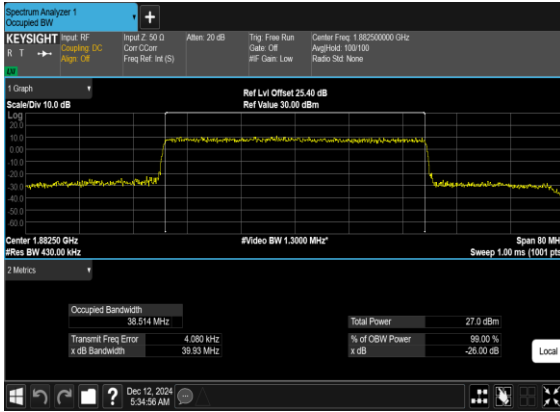


N25(35M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

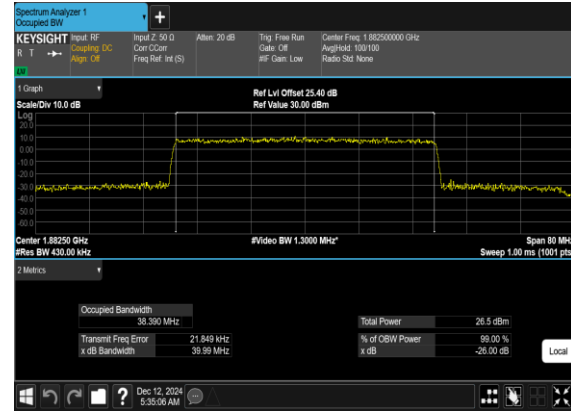




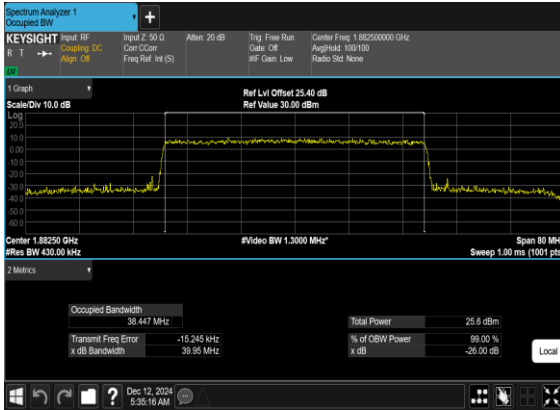
N25(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



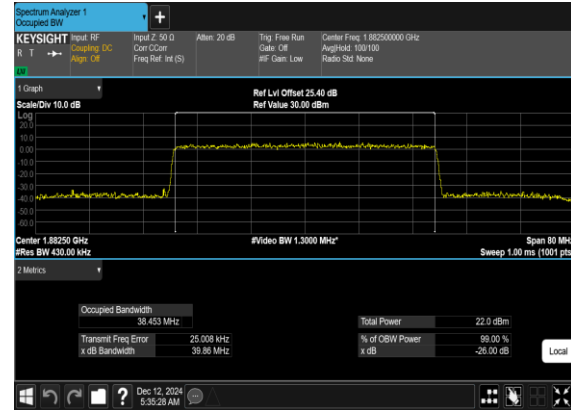
N25(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

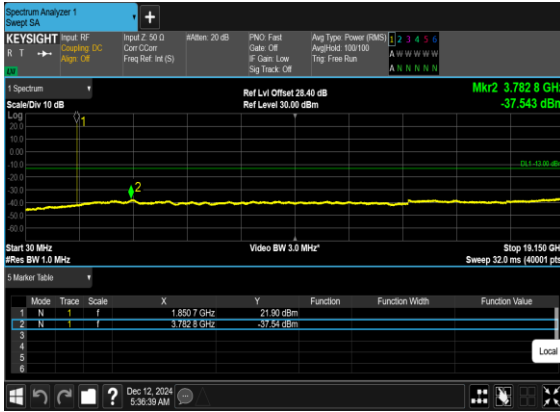
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS



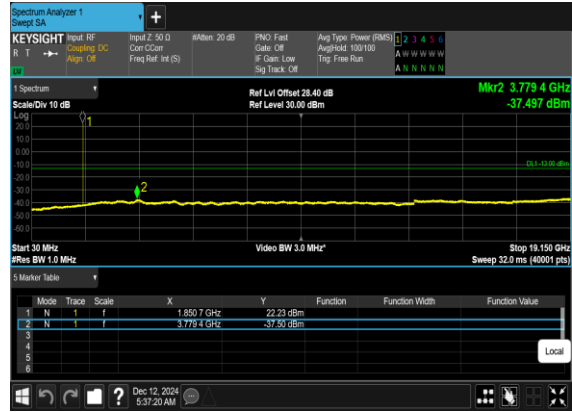
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25	15	20	381000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	40	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



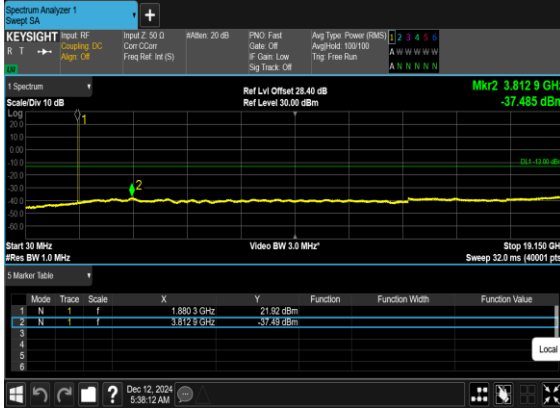
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

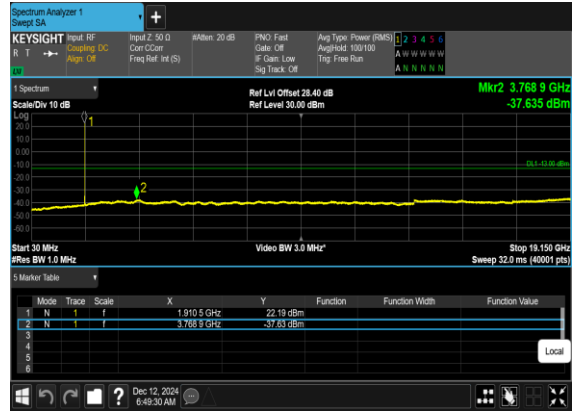




N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

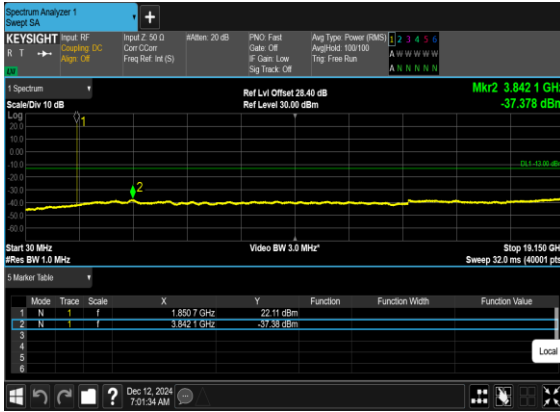


N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH





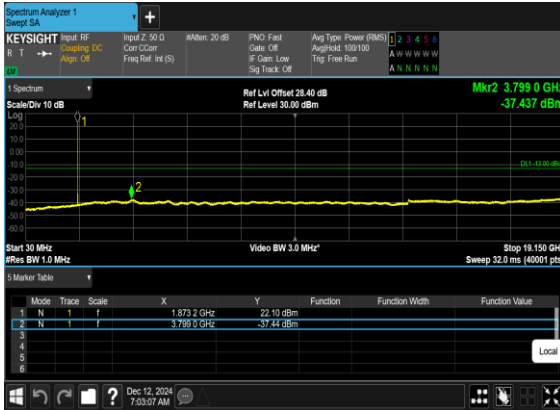
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

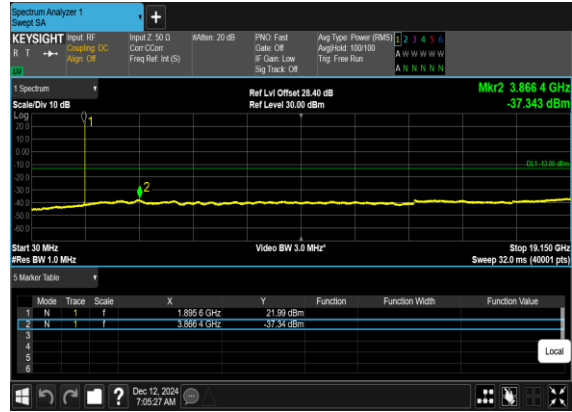




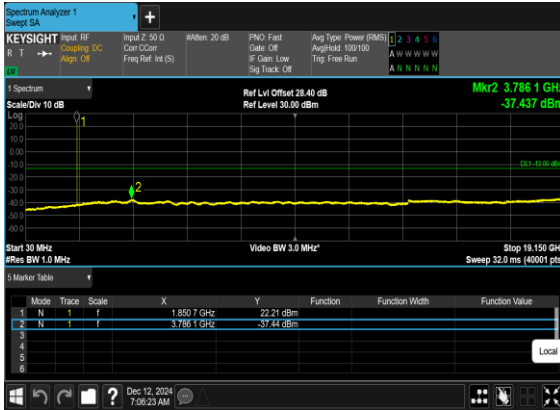
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

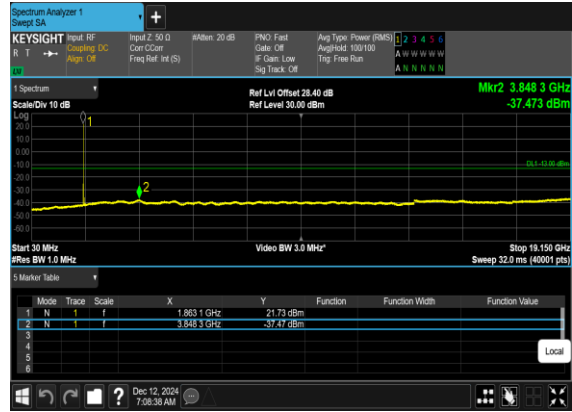




N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



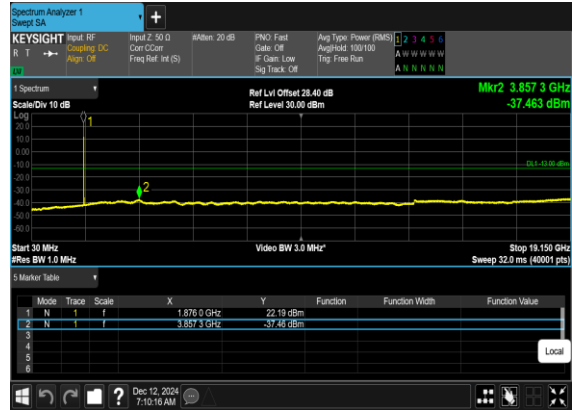
N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH





Conducted Band Edge

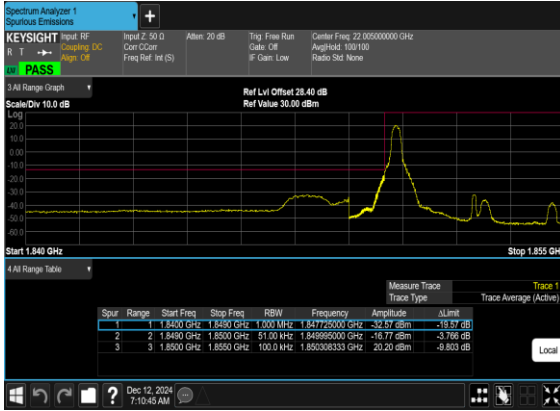
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
25	15	25	372500	1862.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	25	372500	1862.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	25	372500	1862.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
25	15	25	372500	1862.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
25	15	25	380500	1902.5	DFT-s-OFDM BPSK	1@132	see graph	PASS
25	15	25	380500	1902.5	DFT-s-OFDM QPSK	1@132	see graph	PASS
25	15	25	380500	1902.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
25	15	25	380500	1902.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	216@0	see graph	PASS



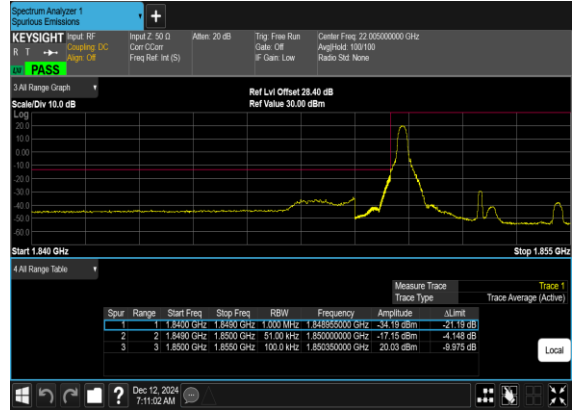
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	216@0	see graph	PASS



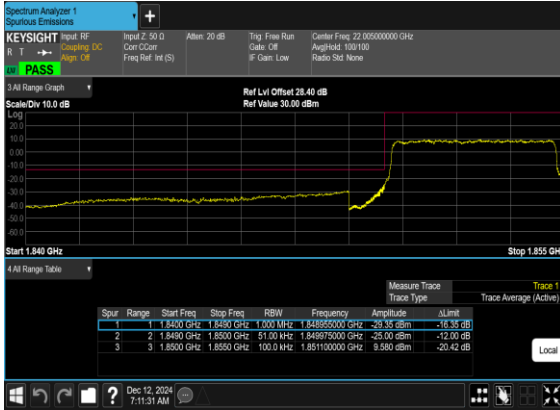
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

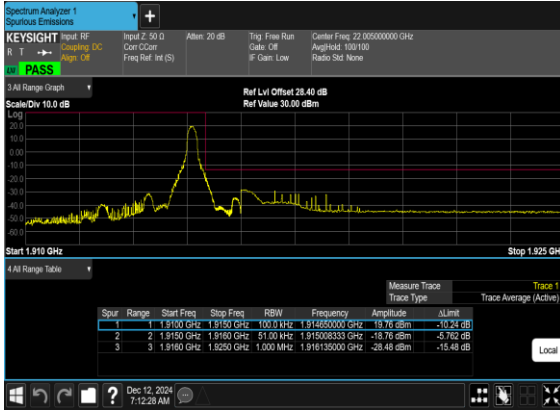


N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

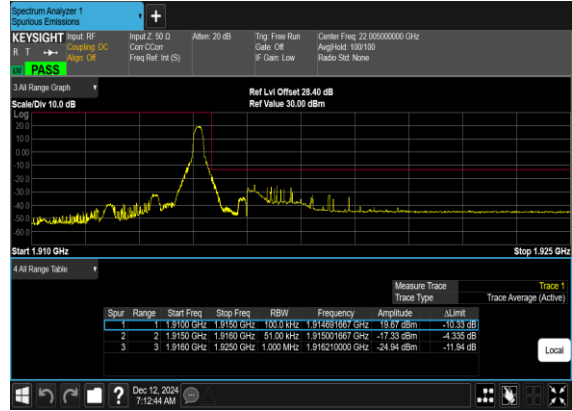




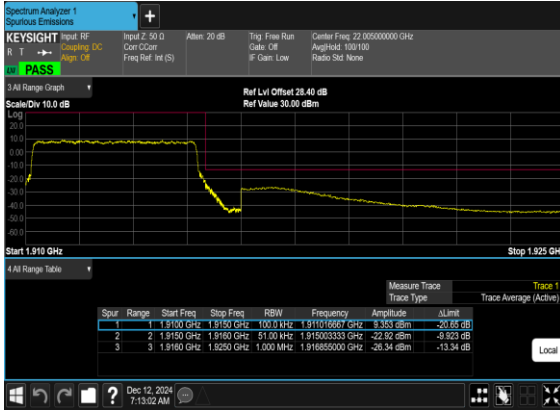
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



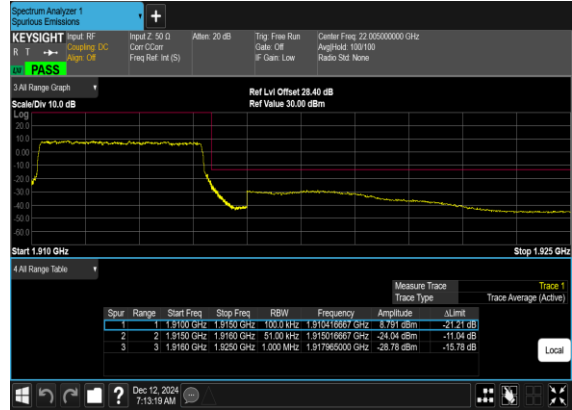
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

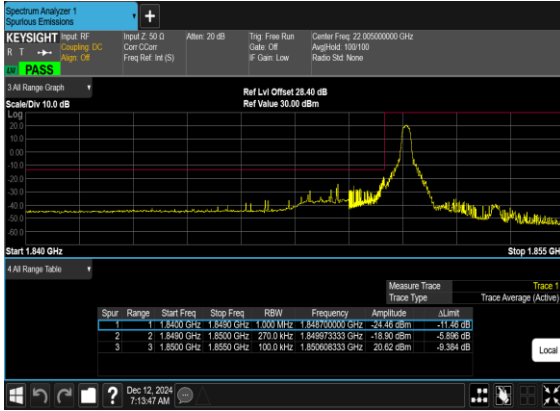


N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





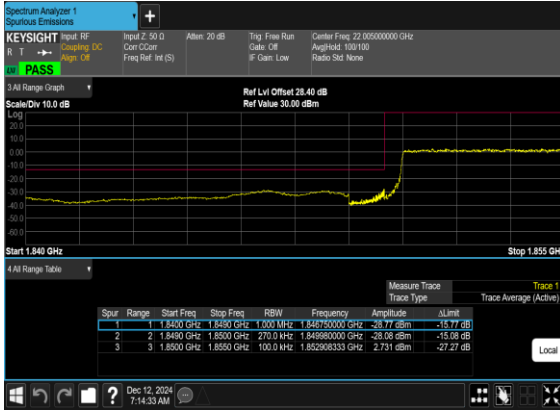
N25(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N25(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(25M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

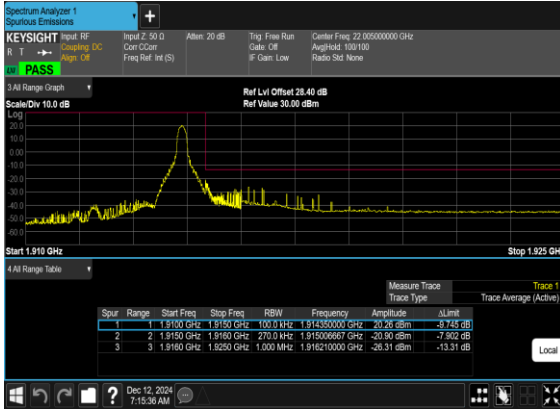


N25(25M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

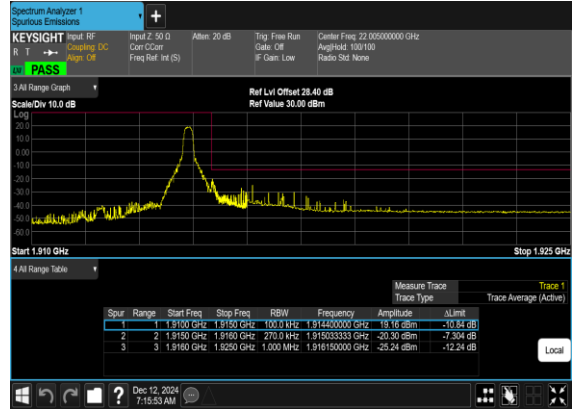




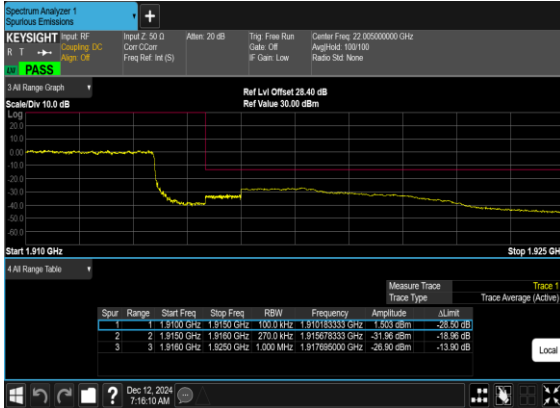
N25(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



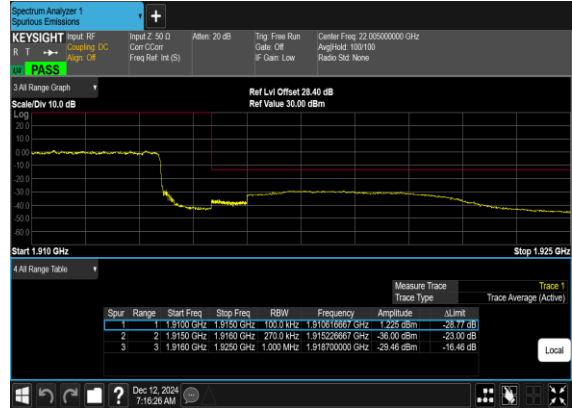
N25(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N25(25M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

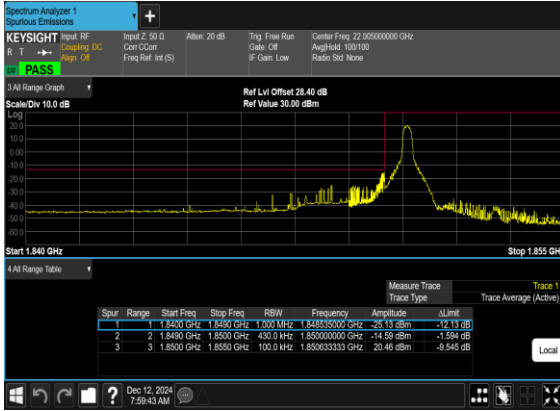


N25(25M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

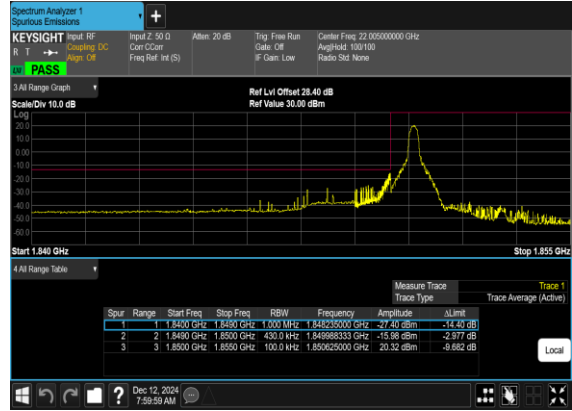




N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



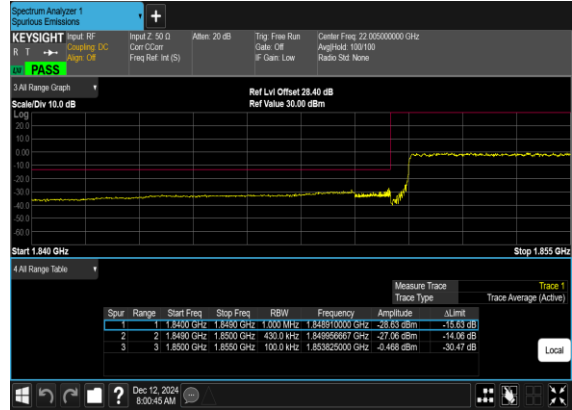
N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

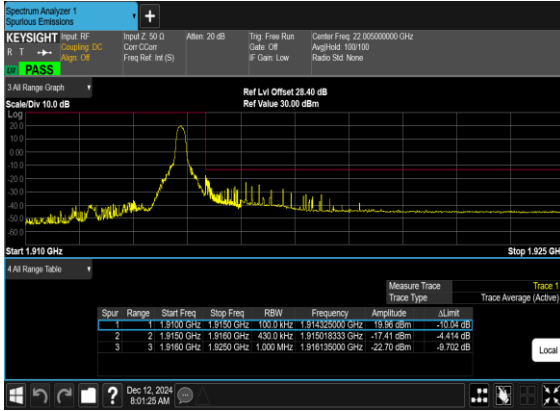


N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

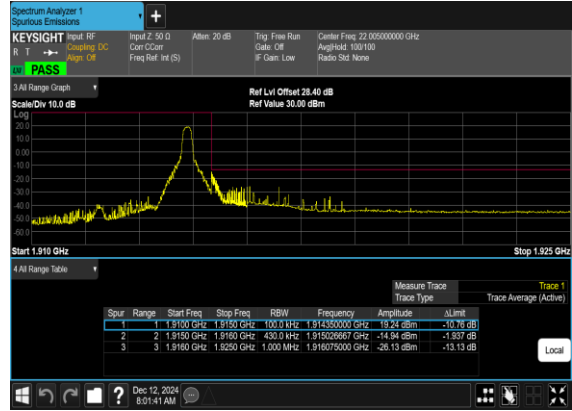




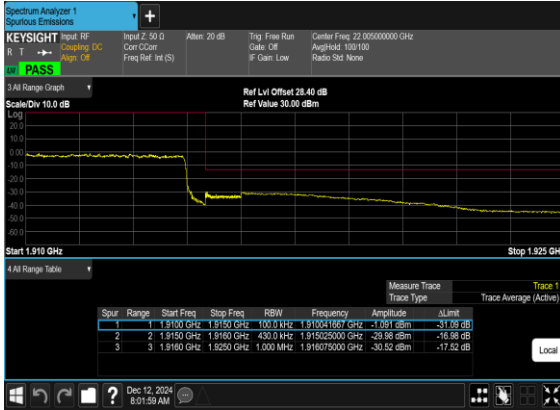
N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N25 MIMO-ANT(2+3)_Ant 3

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	0.0021	PASS	NV
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	0.0013	PASS	LV
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	0.0017	PASS	HV
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	-0.0025	PASS	-30°C
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	0.0031	PASS	-20°C
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	0.0016	PASS	-10°C
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	0.0019	PASS	0°C
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	0.0022	PASS	10°C
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	0.0024	PASS	20°C
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	0.0015	PASS	30°C
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	0.0011	PASS	40°C
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	0.0035	PASS	50°C



Peak to Average Ratio

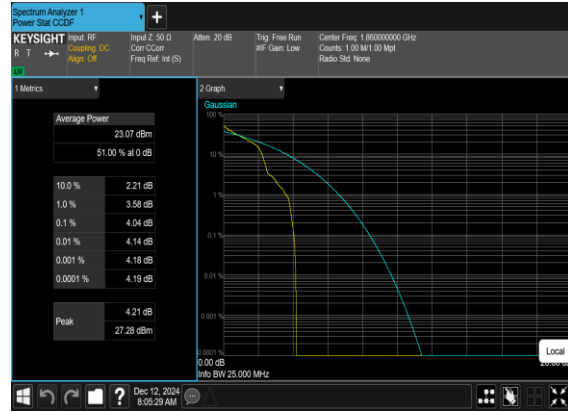
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
25	15	20	372000	1860.0	DFT-s-OFDM PI/2 BPSK	100@0	4.7	13	PASS
25	15	20	372000	1860.0	DFT-s-OFDM PI/2 BPSK	1@0	4.04	13	PASS
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	5.7	13	PASS
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	5.69	13	PASS



N25(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



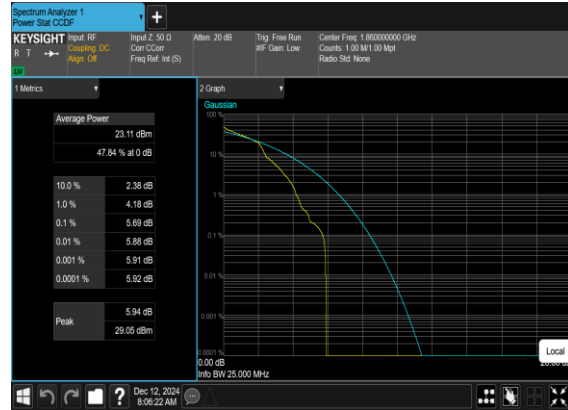
N25(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH





Occupied Bandwidth

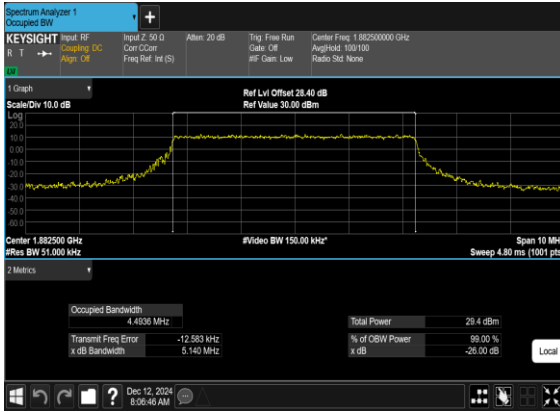
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
25	15	5	376500	1882.5	CP-OFDM QPSK	25@0	4.4936	5.14
25	15	5	376500	1882.5	CP-OFDM 16 QAM	25@0	4.4782	5.03
25	15	5	376500	1882.5	CP-OFDM 64 QAM	25@0	4.4792	5.054
25	15	5	376500	1882.5	CP-OFDM 256 QAM	25@0	4.463	5.039
25	15	10	376500	1882.5	CP-OFDM QPSK	52@0	9.268	10.0
25	15	10	376500	1882.5	CP-OFDM 16 QAM	52@0	9.2618	9.934
25	15	10	376500	1882.5	CP-OFDM 64 QAM	52@0	9.2745	9.837
25	15	10	376500	1882.5	CP-OFDM 256 QAM	52@0	9.2997	10.03
25	15	15	376500	1882.5	CP-OFDM QPSK	79@0	14.087	14.95
25	15	15	376500	1882.5	CP-OFDM 16 QAM	79@0	14.061	14.89
25	15	15	376500	1882.5	CP-OFDM 64 QAM	79@0	14.104	14.88
25	15	15	376500	1882.5	CP-OFDM 256 QAM	79@0	14.09	15.03
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	18.909	19.84
25	15	20	376500	1882.5	CP-OFDM 16 QAM	106@0	18.933	19.84
25	15	20	376500	1882.5	CP-OFDM 64 QAM	106@0	18.915	19.87
25	15	20	376500	1882.5	CP-OFDM 256 QAM	106@0	18.847	19.8
25	15	25	376500	1882.5	CP-OFDM QPSK	133@0	23.747	24.83
25	15	25	376500	1882.5	CP-OFDM 16 QAM	133@0	23.728	24.99
25	15	25	376500	1882.5	CP-OFDM 64 QAM	133@0	23.715	24.79
25	15	25	376500	1882.5	CP-OFDM 256 QAM	133@0	23.745	24.85
25	15	30	376500	1882.5	CP-OFDM QPSK	160@0	28.57	29.62
25	15	30	376500	1882.5	CP-OFDM 16 QAM	160@0	28.637	29.56
25	15	30	376500	1882.5	CP-OFDM 64 QAM	160@0	28.535	29.61



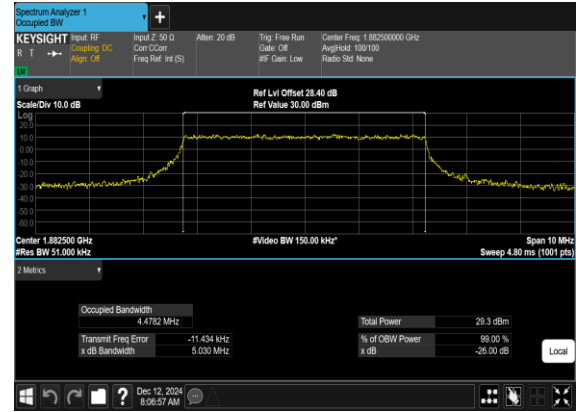
25	15	30	376500	1882.5	CP-OFDM 256 QAM	160@0	28.516	29.76
25	15	35	376500	1882.5	CP-OFDM QPSK	188@0	33.532	34.74
25	15	35	376500	1882.5	CP-OFDM 16 QAM	188@0	33.497	34.68
25	15	35	376500	1882.5	CP-OFDM 64 QAM	188@0	33.477	34.81
25	15	35	376500	1882.5	CP-OFDM 256 QAM	188@0	33.494	34.6
25	15	40	376500	1882.5	CP-OFDM QPSK	216@0	38.526	39.98
25	15	40	376500	1882.5	CP-OFDM 16 QAM	216@0	38.434	39.85
25	15	40	376500	1882.5	CP-OFDM 64 QAM	216@0	38.487	39.88
25	15	40	376500	1882.5	CP-OFDM 256 QAM	216@0	38.465	39.77



N25(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



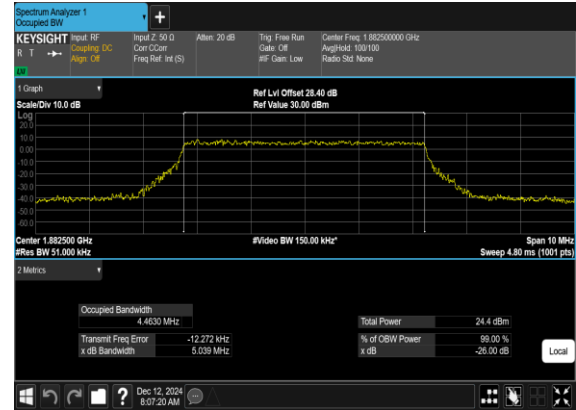
N25(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

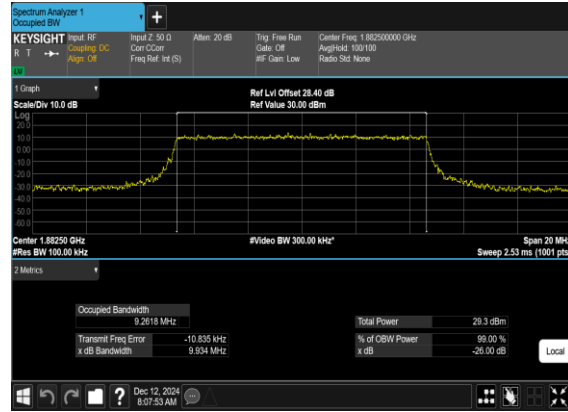




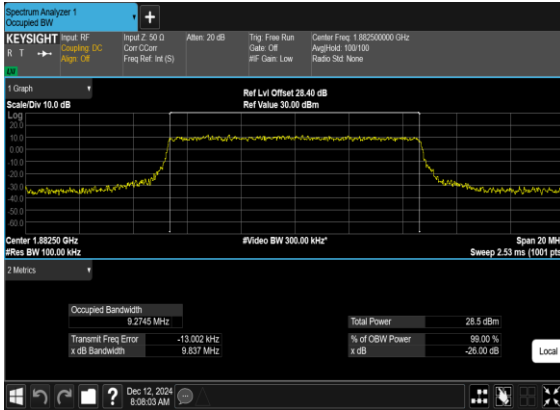
N25(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N25(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

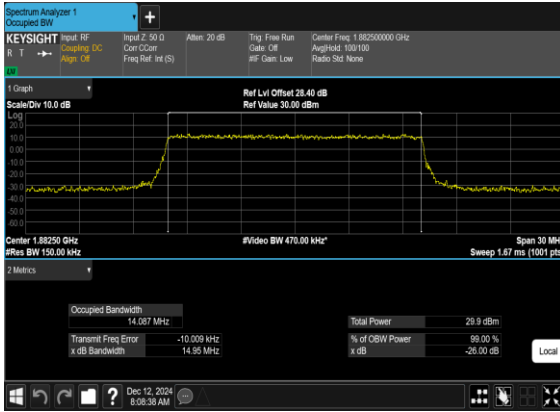


N25(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





N25(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



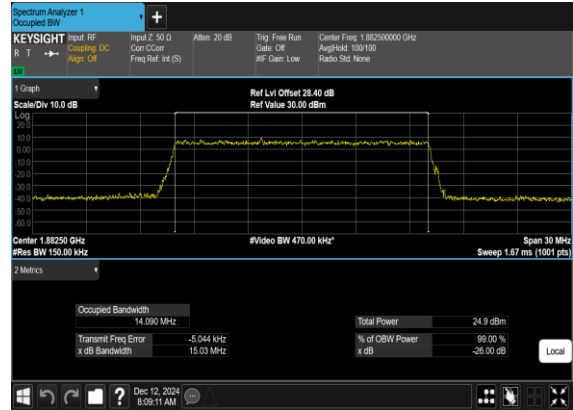
N25(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





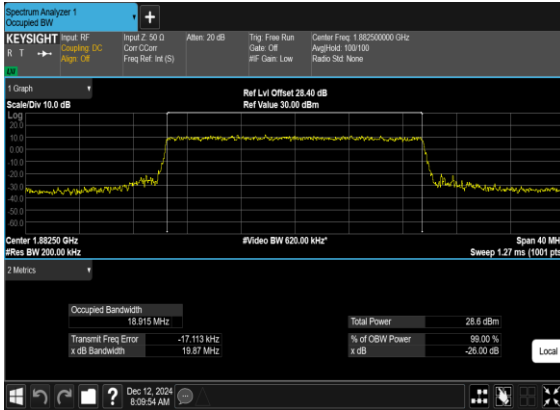
N25(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



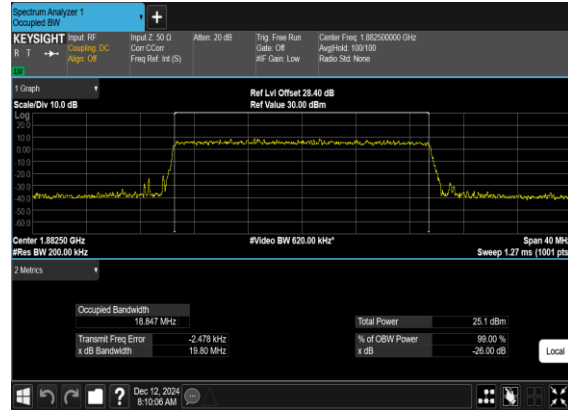
N25(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

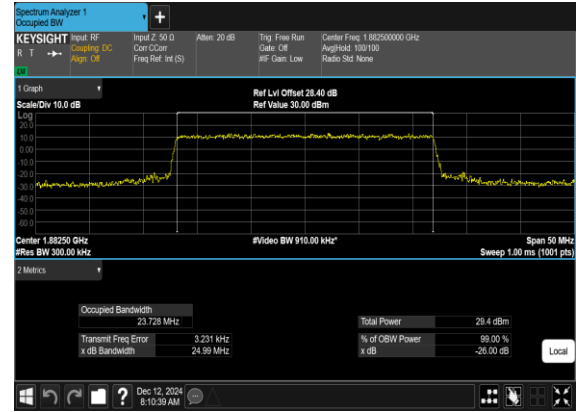




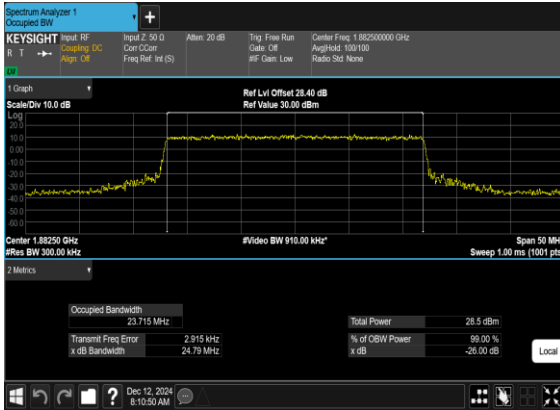
N25(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



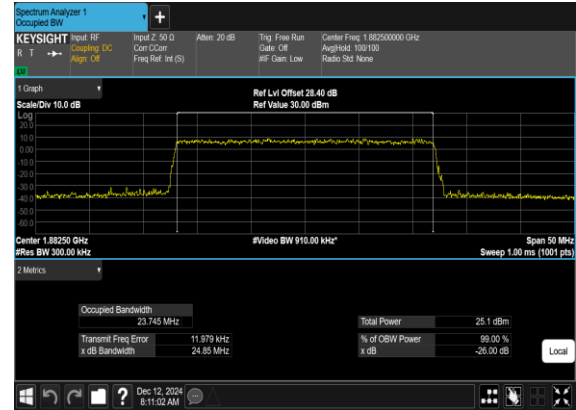
N25(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(25M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(25M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

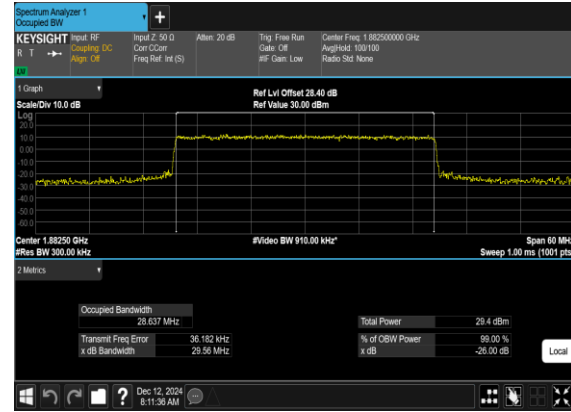




N25(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



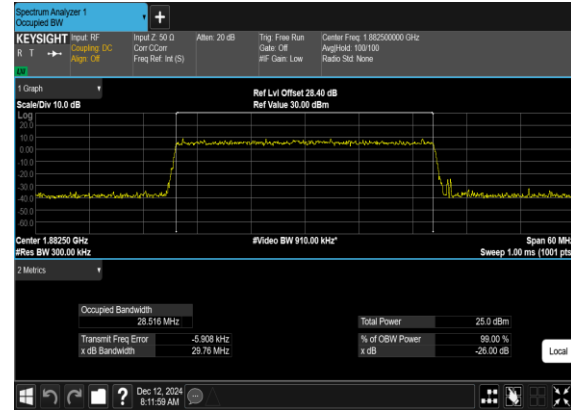
N25(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

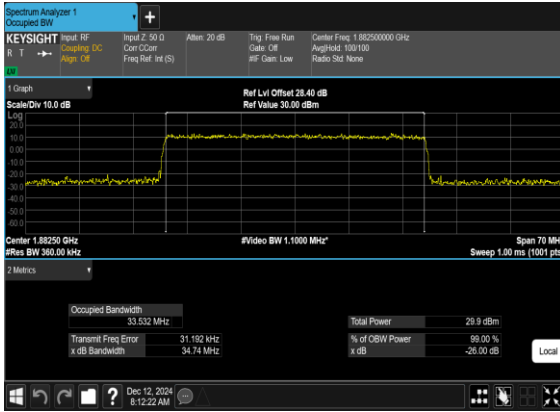


N25(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

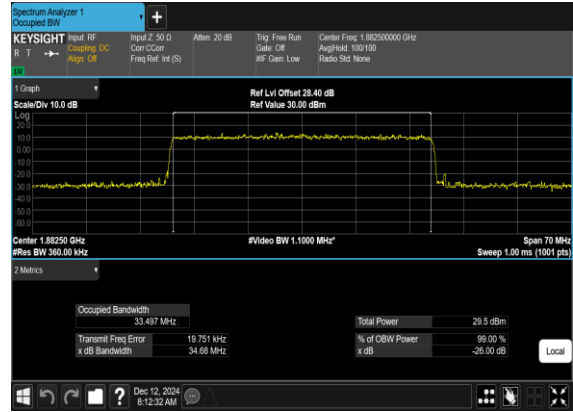




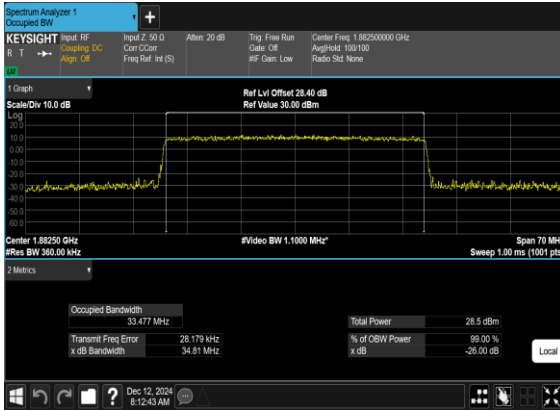
N25(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N25(35M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(35M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(35M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

