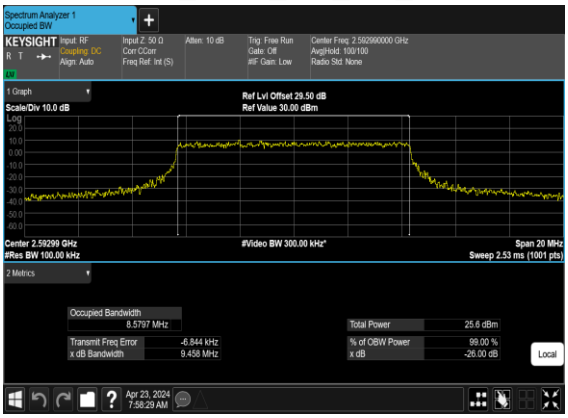
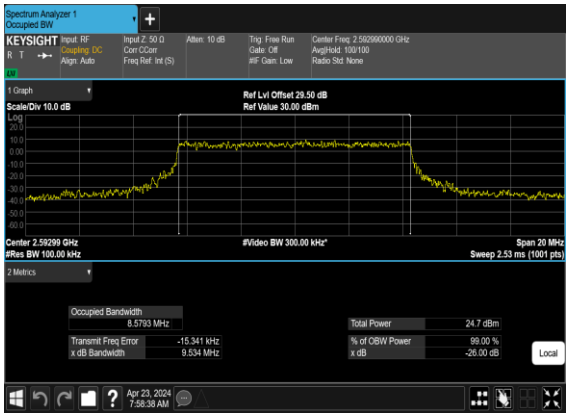
N41(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

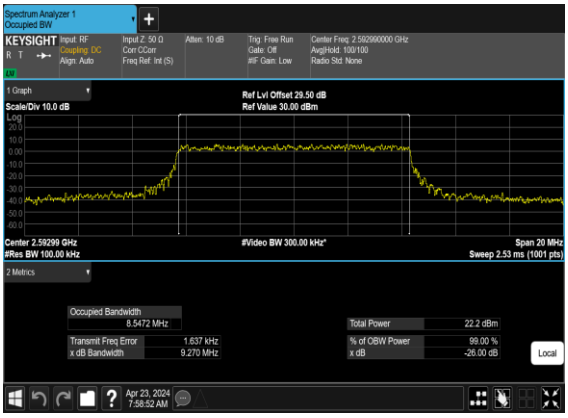
N41(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

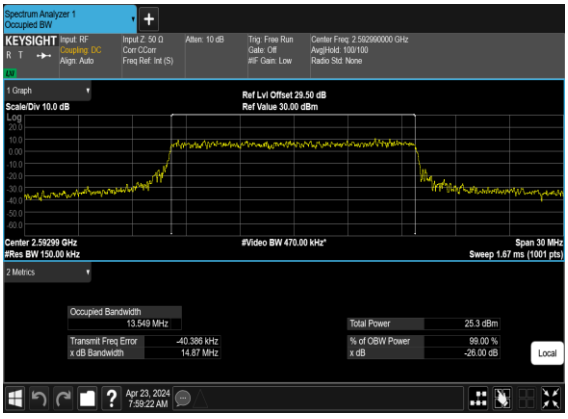


N41(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

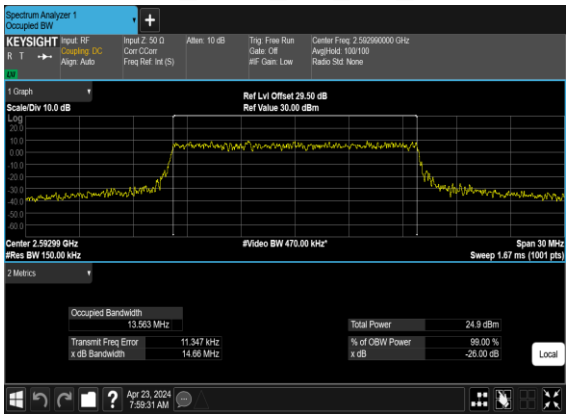


N41(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

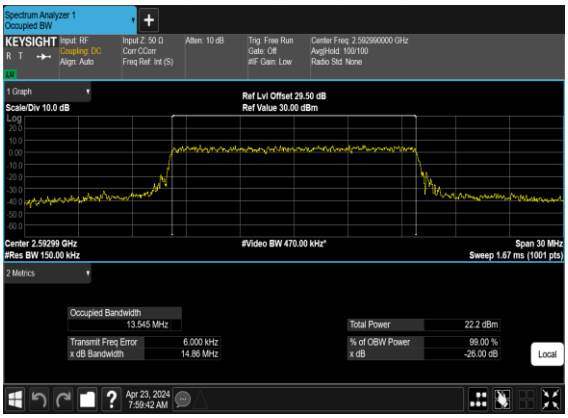
N41(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

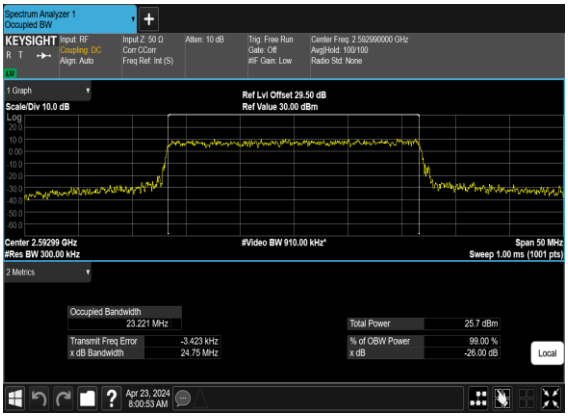


N41(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N41(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N41(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N41(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

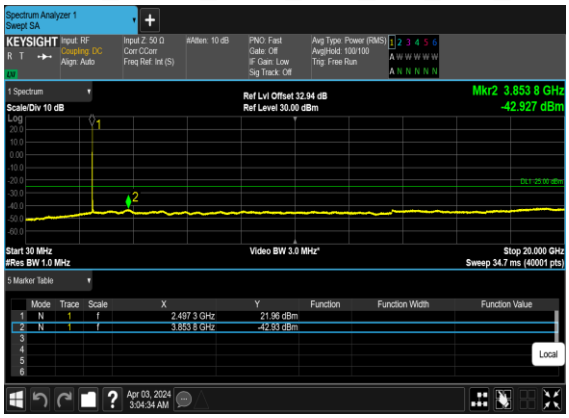
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	60	505200	2526.0	CP-OFDM QPSK	1@0	see graph	**---**
41	30	60	505200	2526.0	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	505200	2526.0	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	505200	2526.0	CP-OFDM 16 QAM	1@0	see graph	**---**
41	30	60	505200	2526.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**
41	30	60	505200	2526.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**
41	30	60	518598	2592.99	CP-OFDM QPSK	1@0	see graph	**---**
41	30	60	518598	2592.99	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	518598	2592.99	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	**---**
41	30	60	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	**PASS**
41	30	60	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	**PASS**
41	30	60	531996	2659.98	CP-OFDM QPSK	1@0	see graph	**---**
41	30	60	531996	2659.98	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	531996	2659.98	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	531996	2659.98	CP-OFDM 16 QAM	1@0	see graph	**---**
41	30	60	531996	2659.98	CP-OFDM 16 QAM	1@0	see graph	**PASS**
41	30	60	531996	2659.98	CP-OFDM 16 QAM	1@0	see graph	**PASS**
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	**---**
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@0	see graph	**---**
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@0	see graph	**PASS**

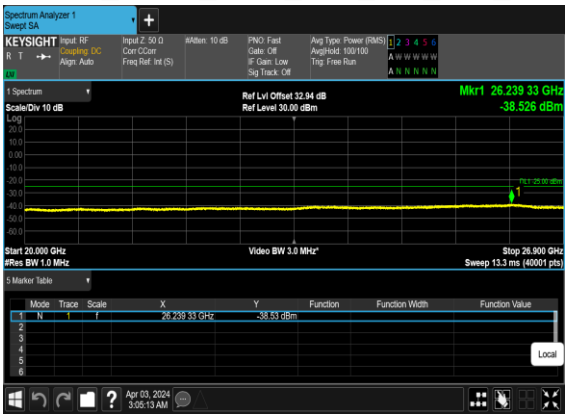
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@0	see graph	**PASS**
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	**---**
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	**---**
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	**PASS**
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	**PASS**
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	**---**
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	CP-OFDM 16 QAM	1@0	see graph	**---**
41	30	100	528000	2640.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**
41	30	100	528000	2640.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**
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**

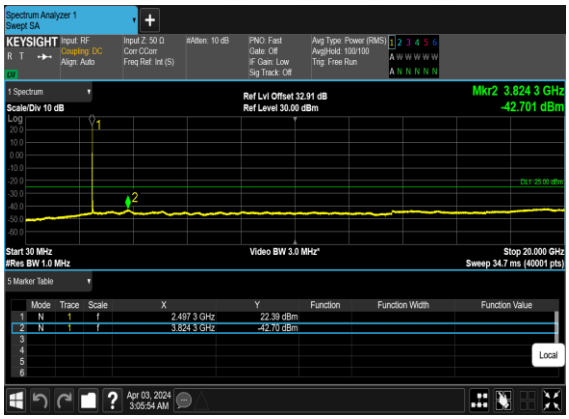
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



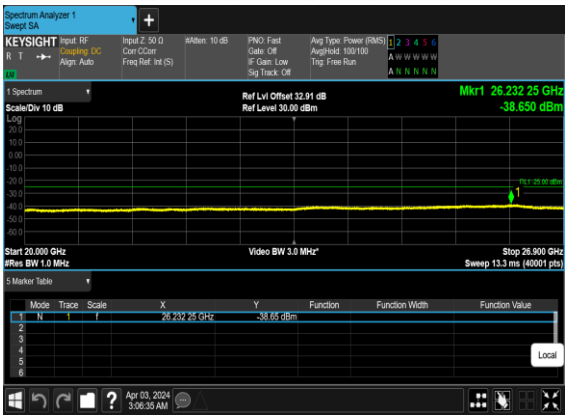
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



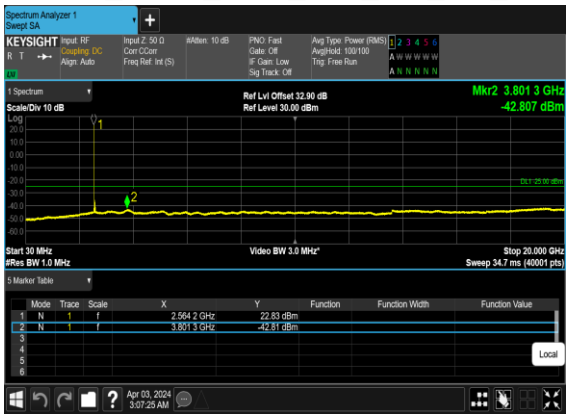
N41(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



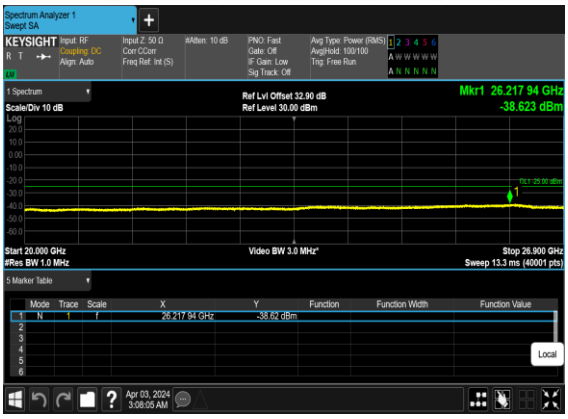
N41(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



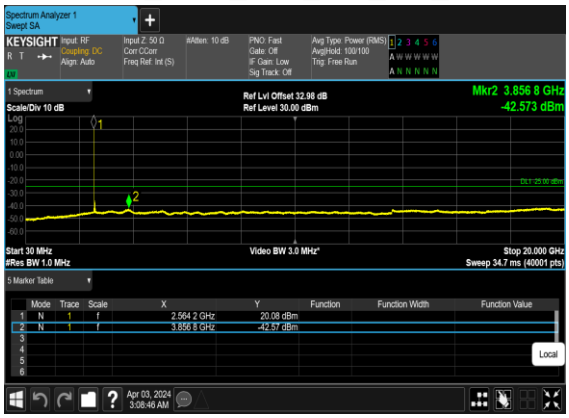
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



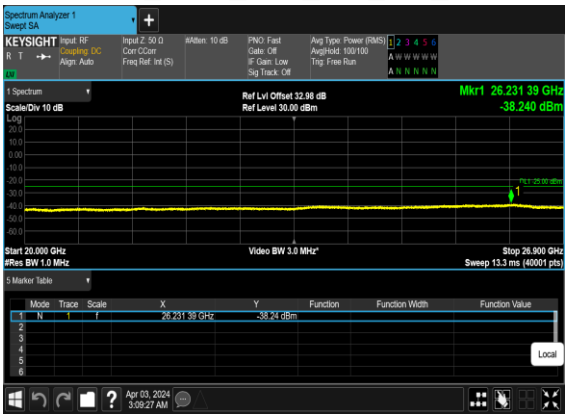
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



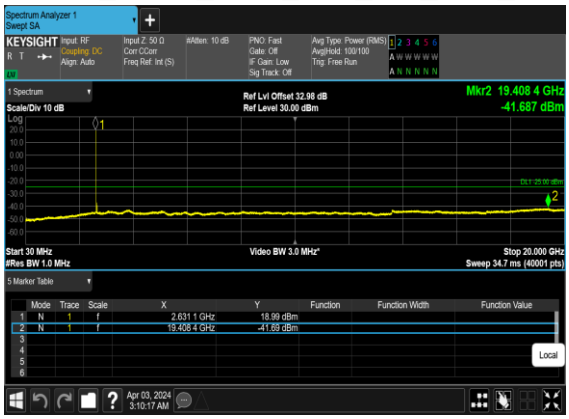
N41(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



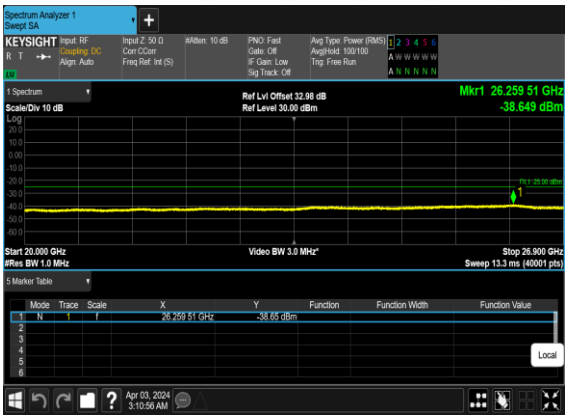
N41(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



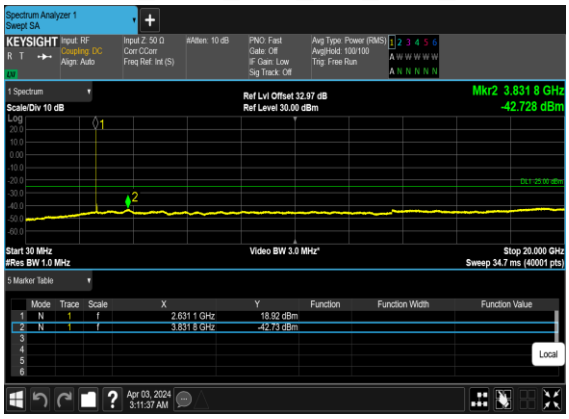
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



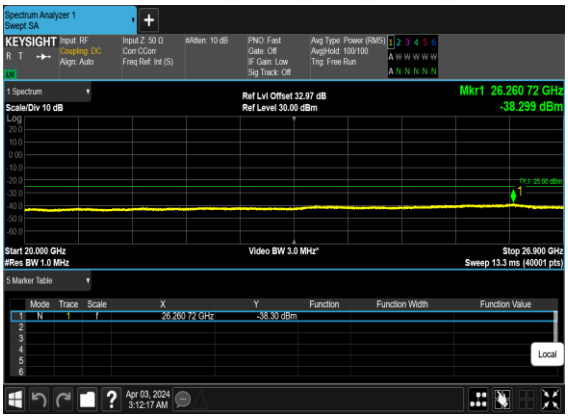
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



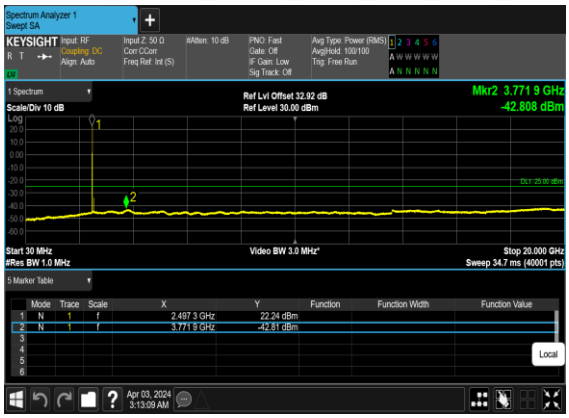
N41(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



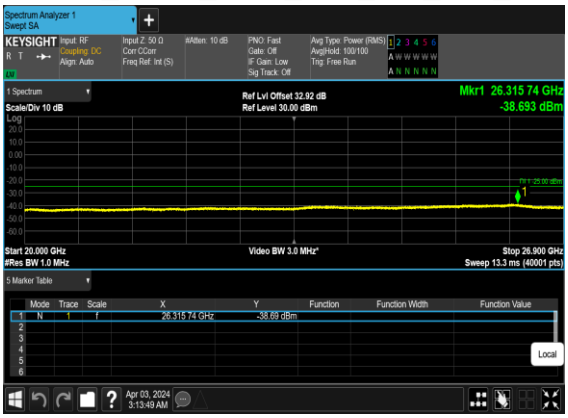
N41(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



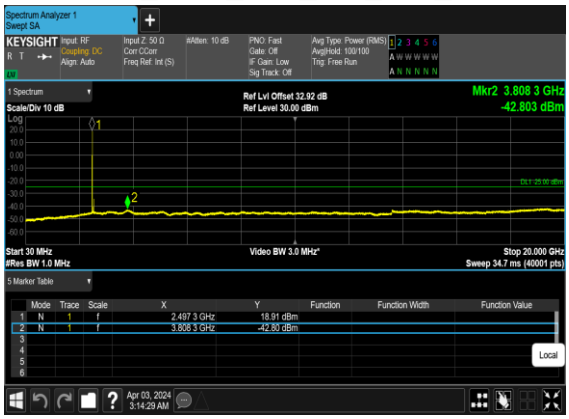
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



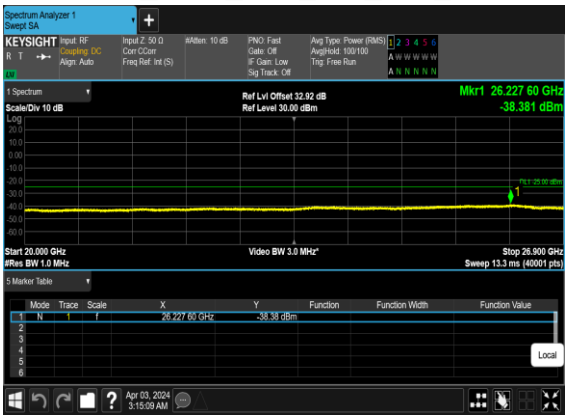
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



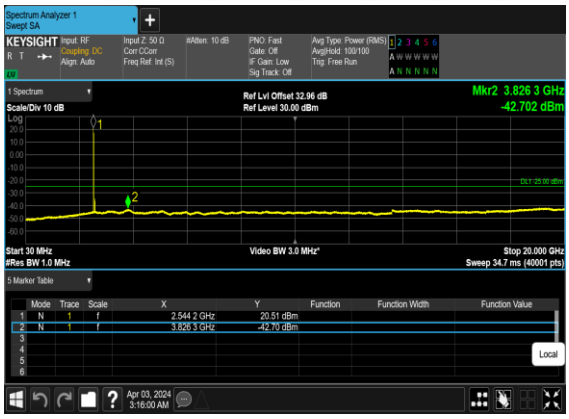
N41(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



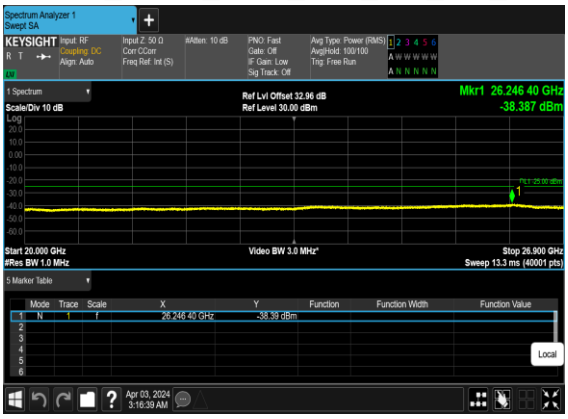
N41(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



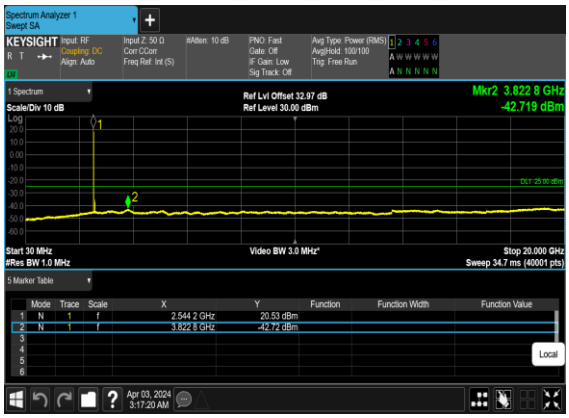
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



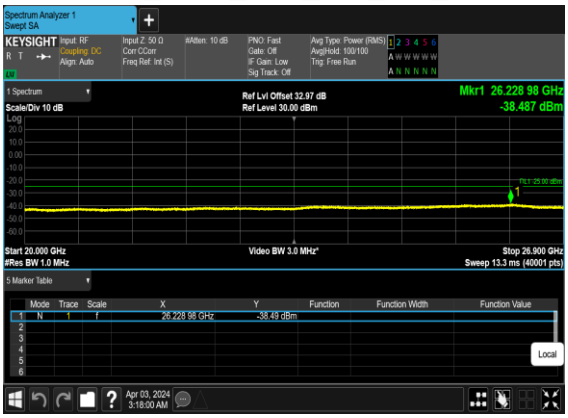
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



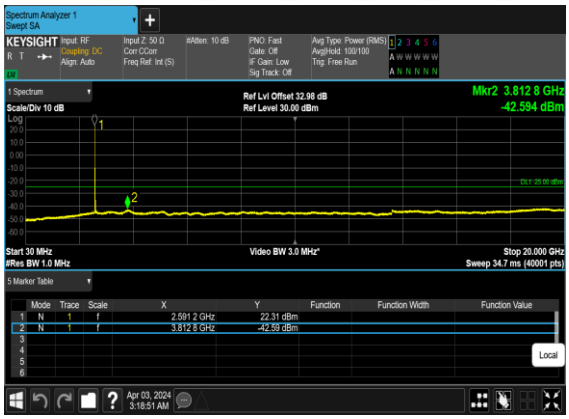
N41(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



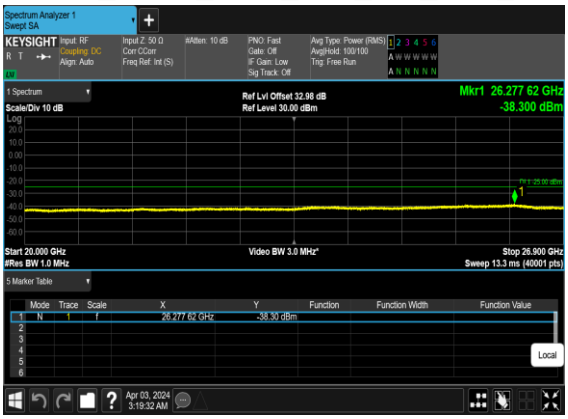
N41(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



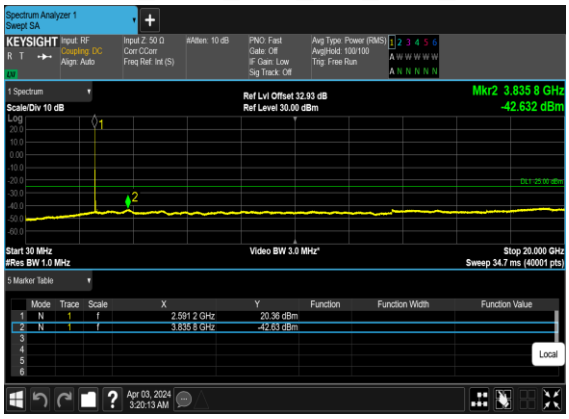
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



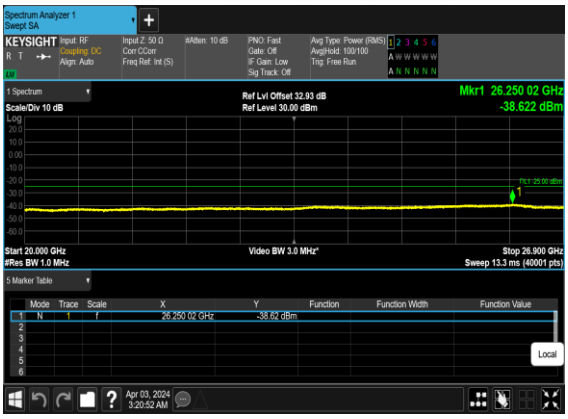
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



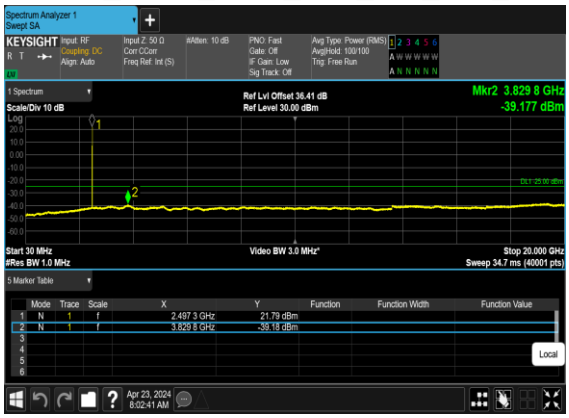
N41(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



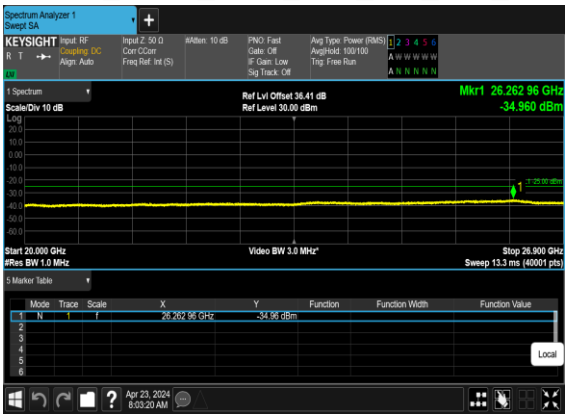
N41(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



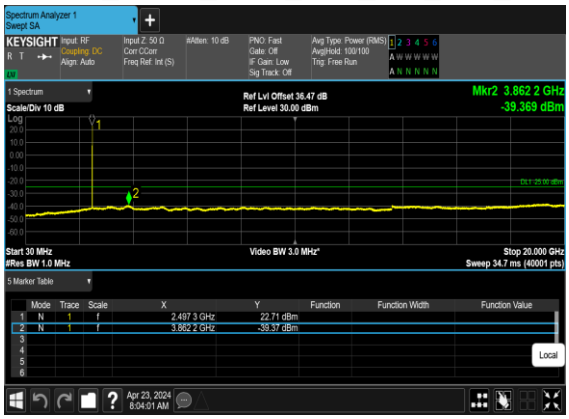
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



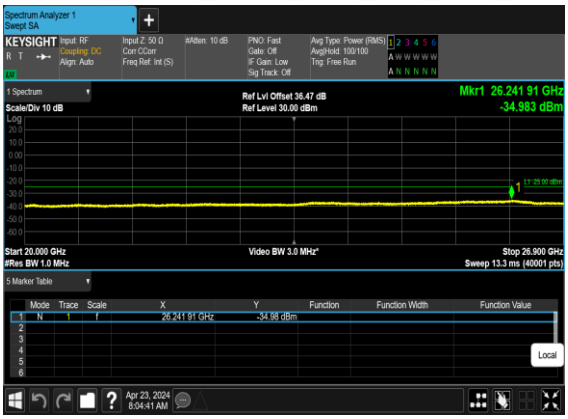
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



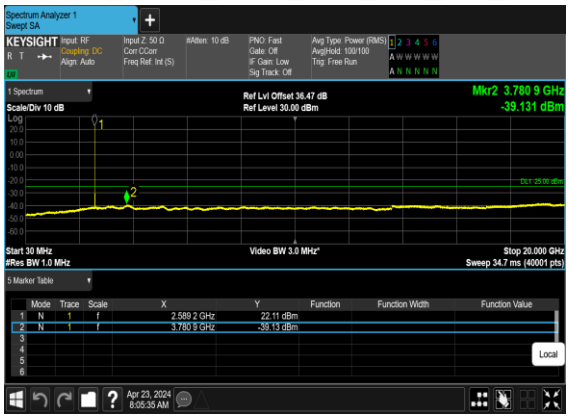
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



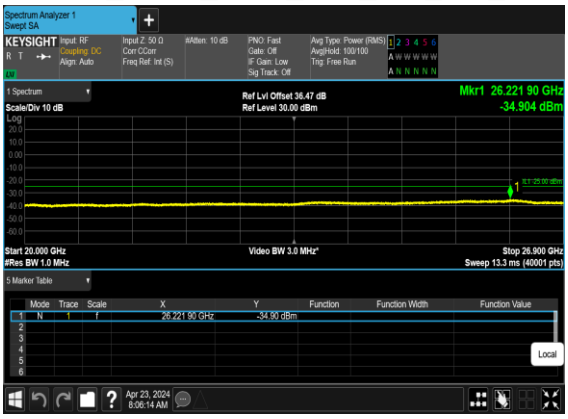
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



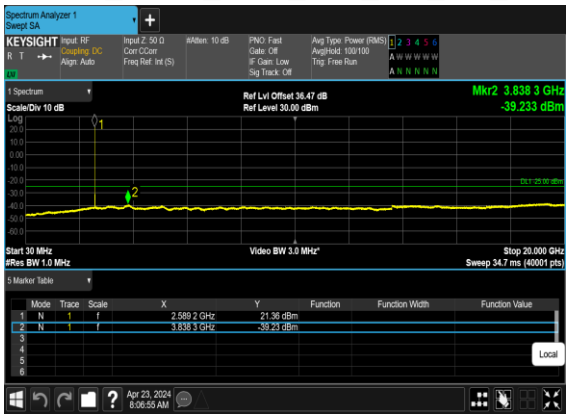
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



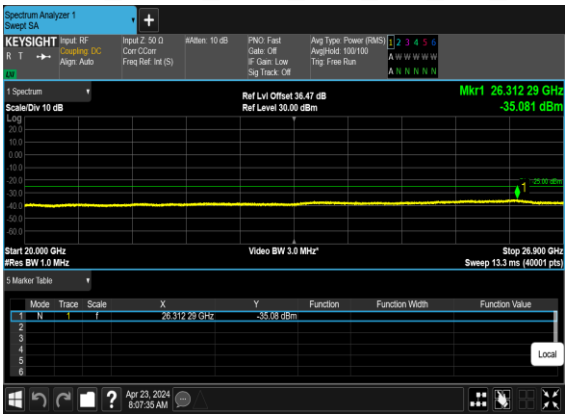
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



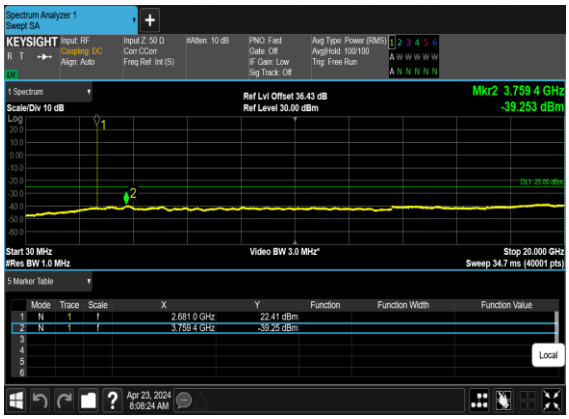
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



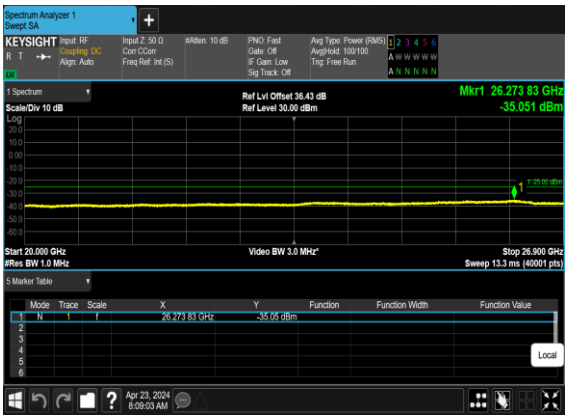
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



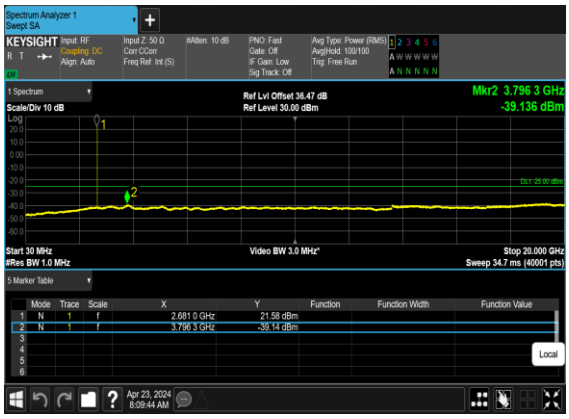
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



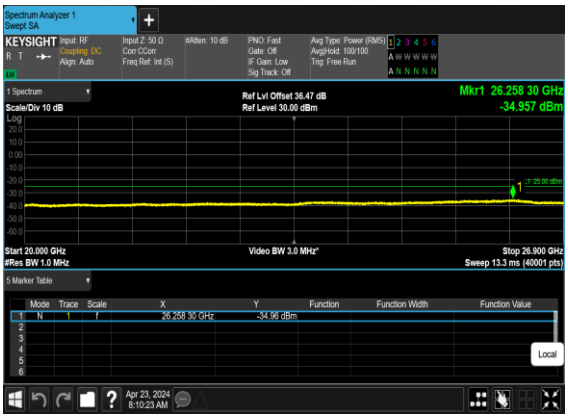
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



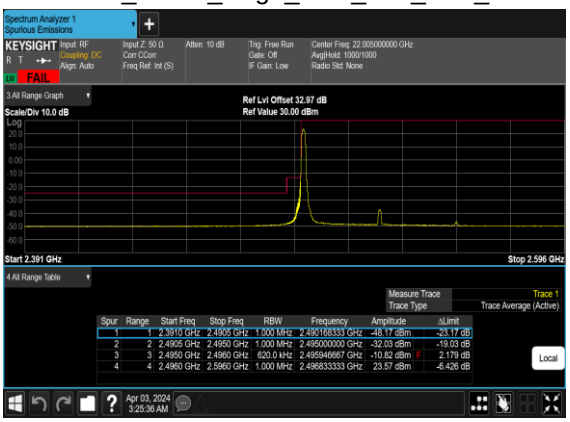
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



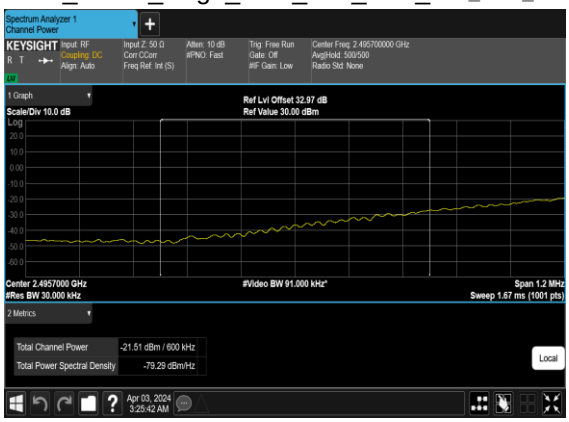
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	162@0	see graph	**PASS**
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	162@0	see graph	**PASS**
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@161	see graph	**PASS**
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@161	see graph	**PASS**
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	162@0	see graph	**PASS**
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	162@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	270@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@272	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	**PASS**
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	**PASS**
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0	see graph	**PASS**
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@23	see graph	**PASS**
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@23	see graph	**PASS**
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	24@0	see graph	**PASS**
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	24@0	see graph	**PASS**

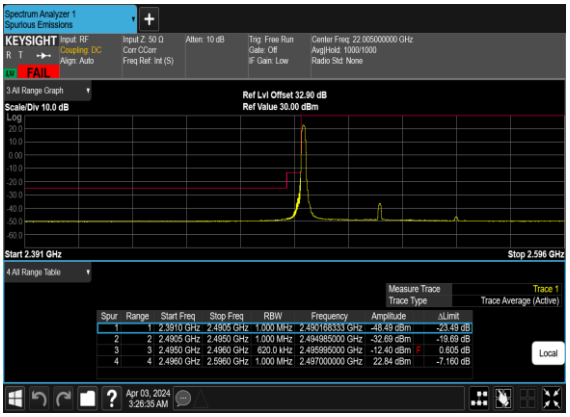
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



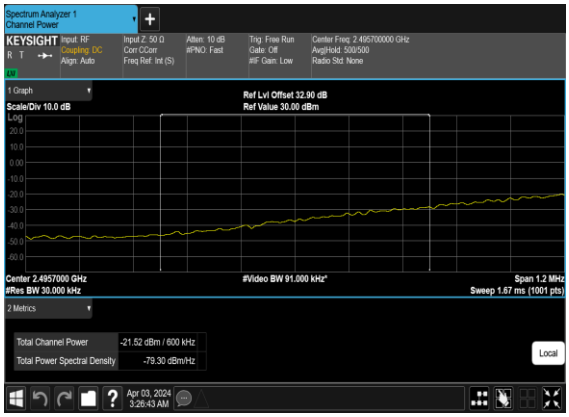
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



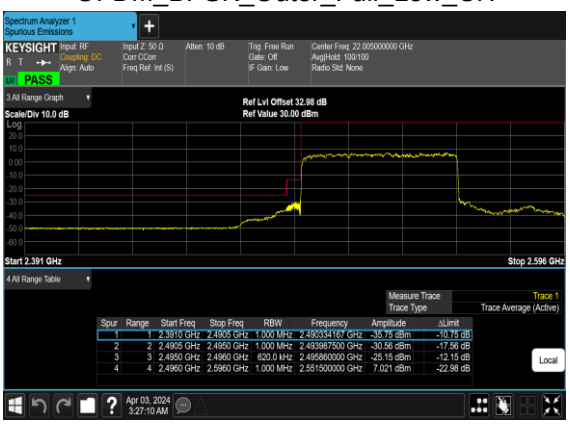
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



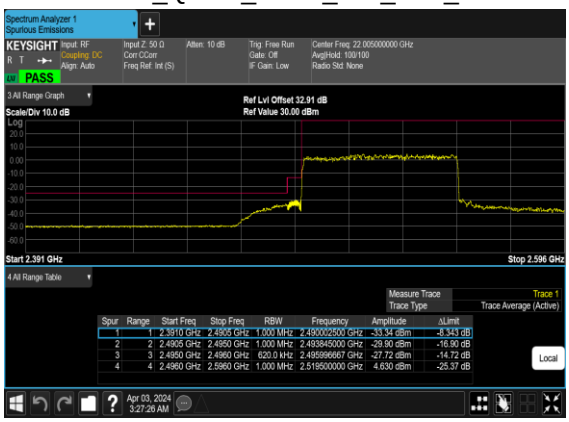
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



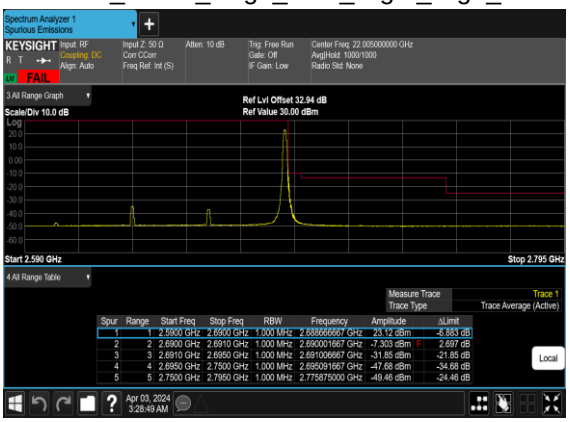
N41(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N41(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

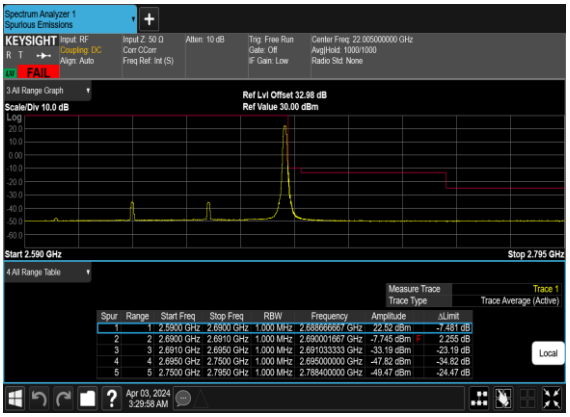


N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

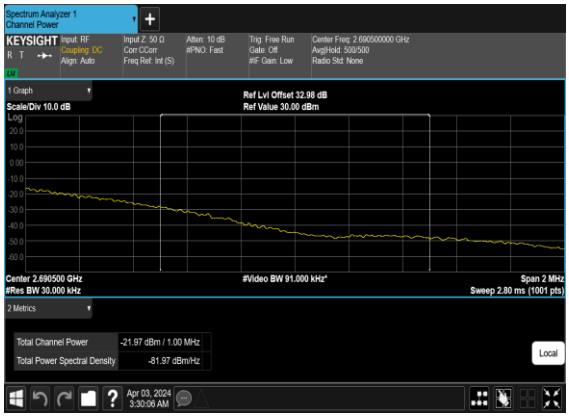


N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**

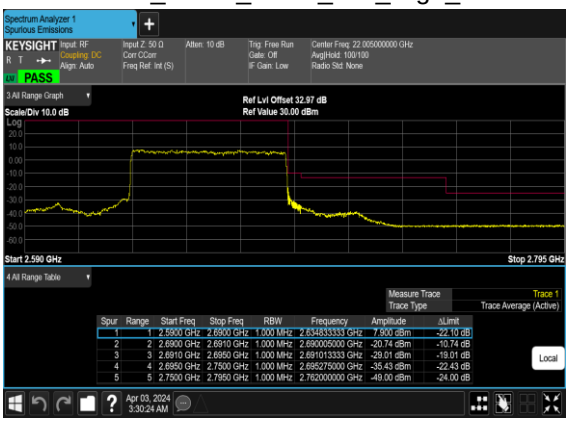
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



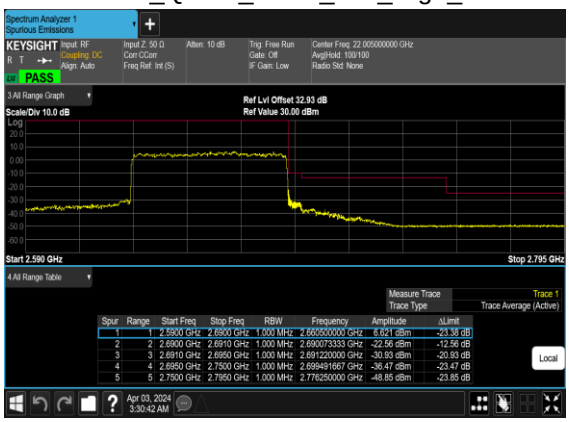
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



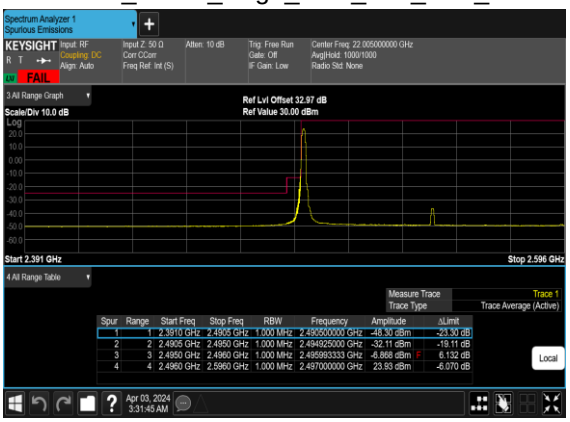
N41(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



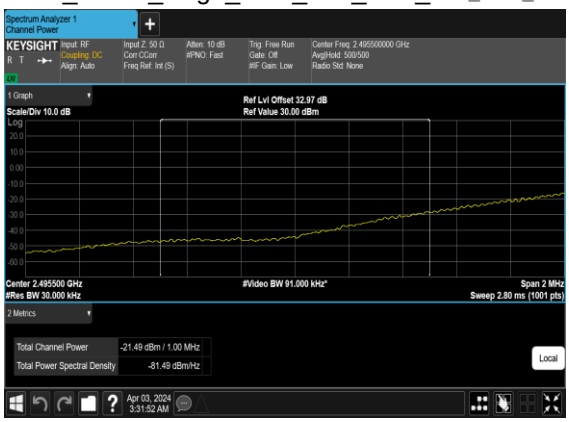
N41(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



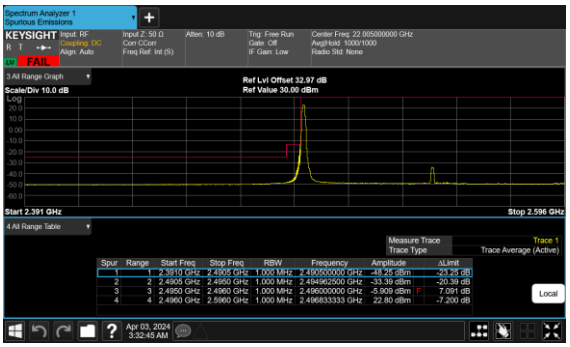
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



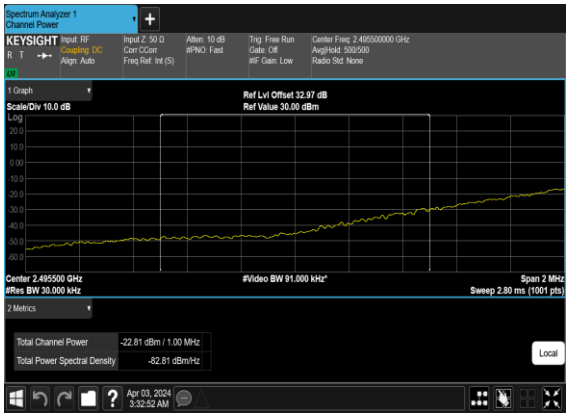
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



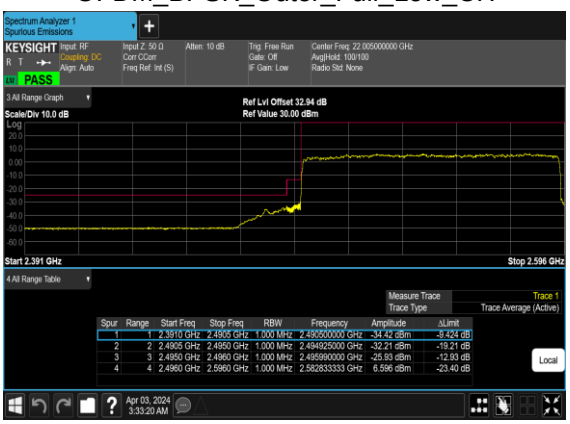
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



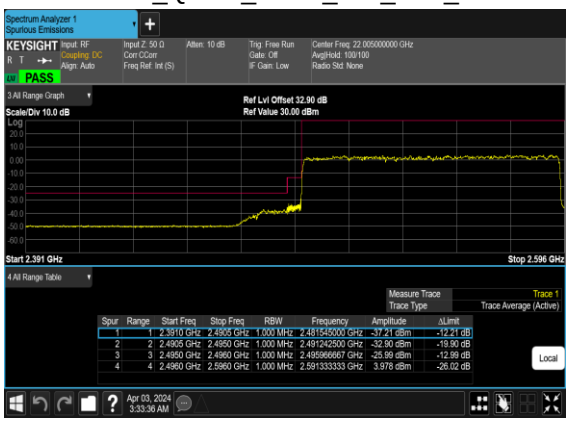
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



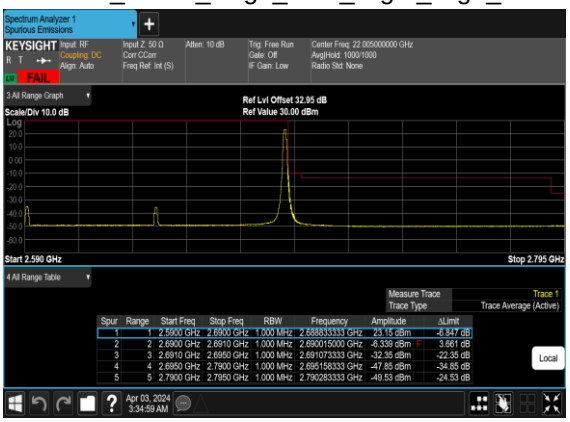
N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



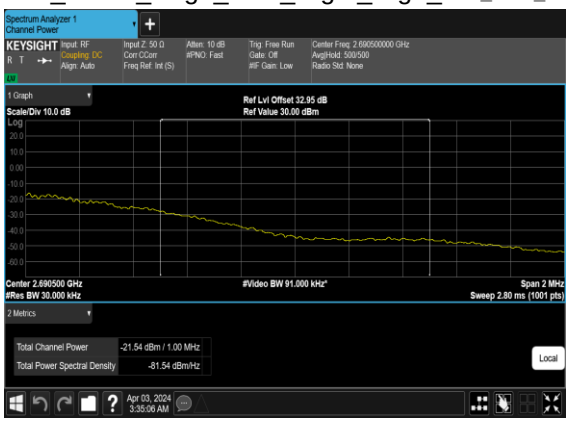
N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



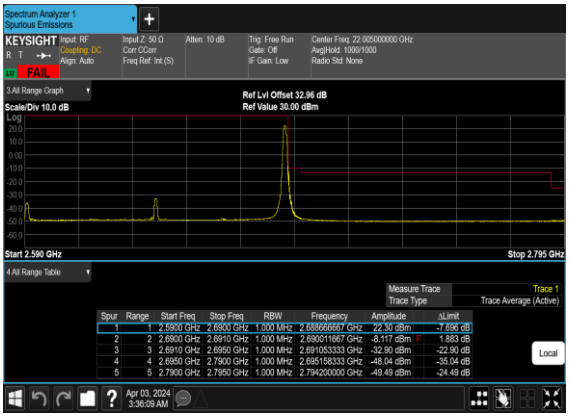
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



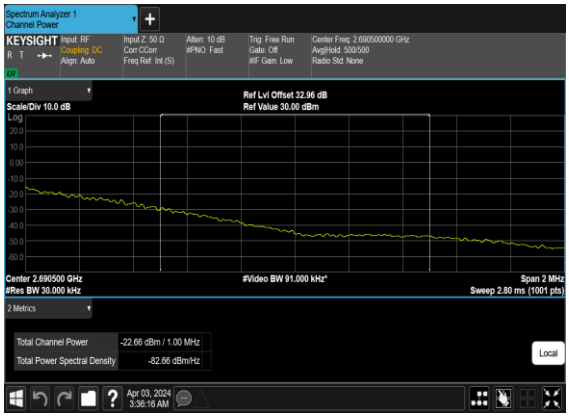
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



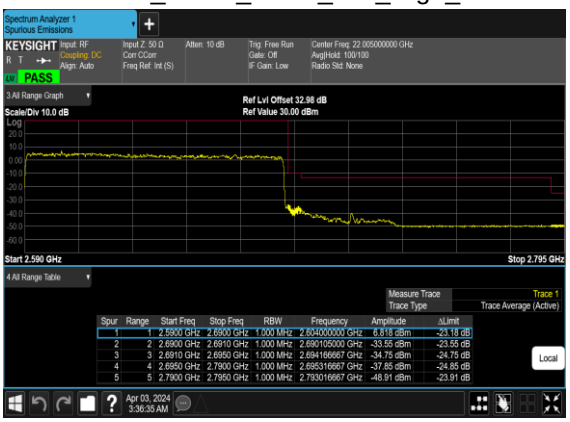
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



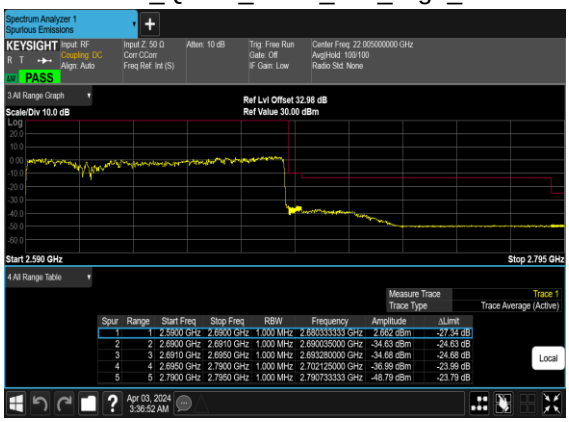
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



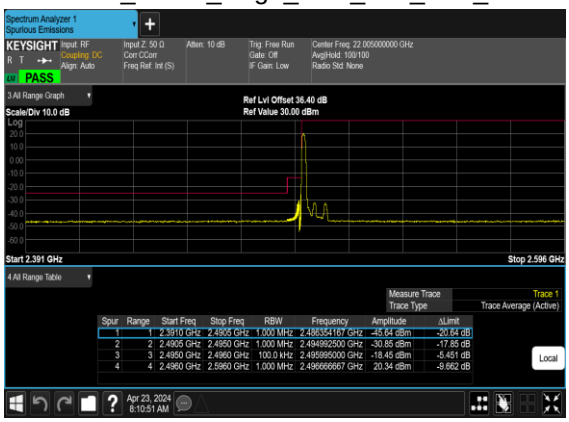
N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



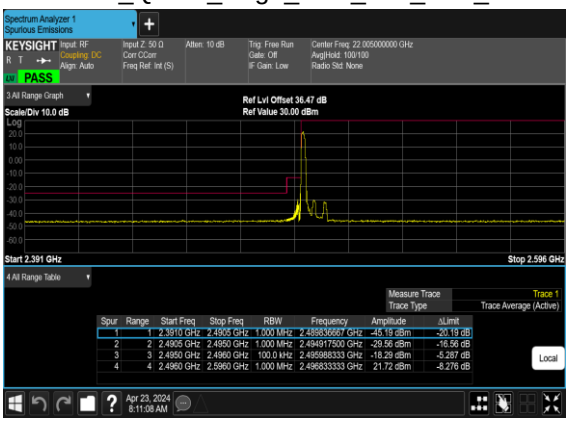
N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



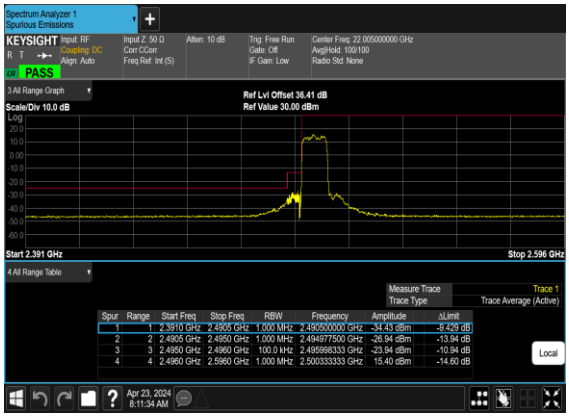
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



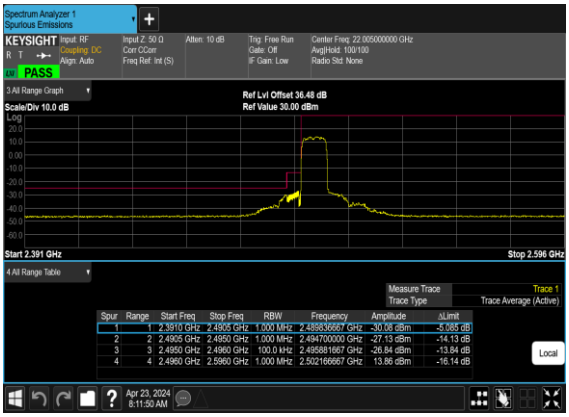
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



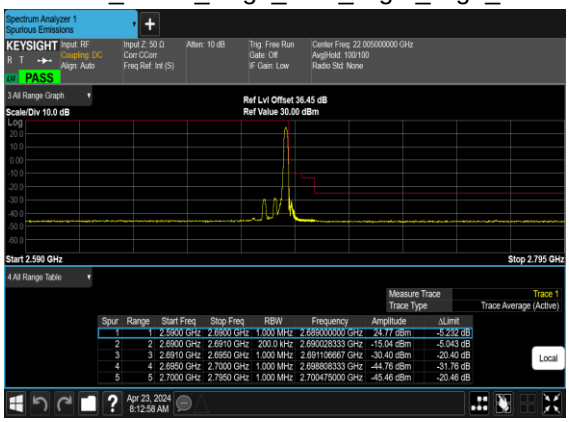
N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



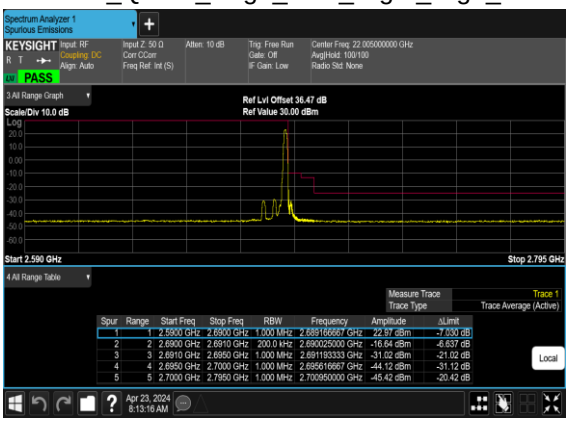
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



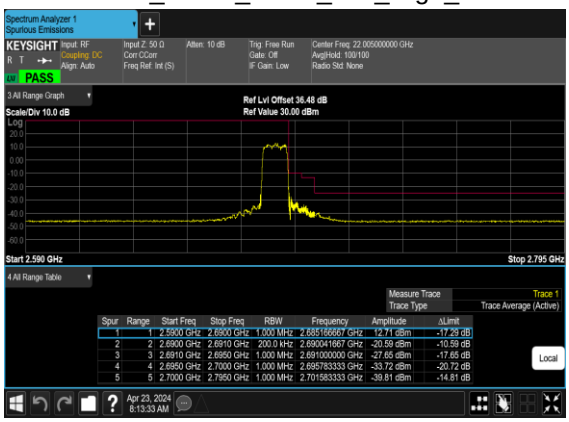
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

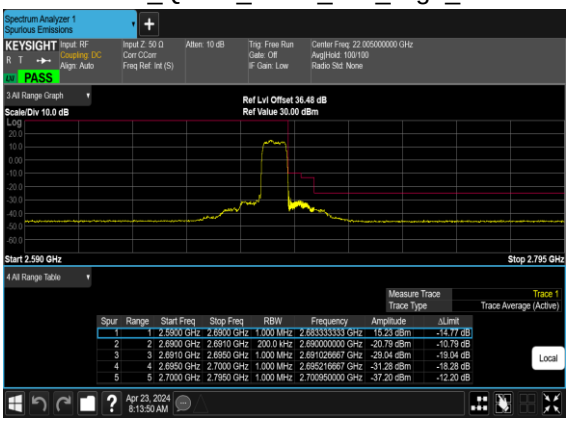


N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	2.5900 GHz	2.6900 GHz	1.000 MHz	2.685156667 GHz	12.71 dBm	-17.29 dB
2	2	2.6900 GHz	2.6910 GHz	200.0 kHz	2.690041667 GHz	-20.59 dBm	-10.59 dB
3	3	2.6910 GHz	2.6950 GHz	1.000 MHz	2.691000000 GHz	-27.65 dBm	-17.65 dB
4	4	2.6950 GHz	2.7000 GHz	1.000 MHz	2.695783333 GHz	-33.72 dBm	-20.72 dB
5	5	2.7000 GHz	2.7950 GHz	1.000 MHz	2.701583333 GHz	-39.81 dBm	-14.81 dB

N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	2.5900 GHz	2.6900 GHz	1.000 MHz	2.683333333 GHz	15.23 dBm	-14.77 dB
2	2	2.6900 GHz	2.6910 GHz	200.0 kHz	2.690000000 GHz	-20.79 dBm	-10.79 dB
3	3	2.6910 GHz	2.6950 GHz	1.000 MHz	2.691026667 GHz	-29.04 dBm	-19.04 dB
4	4	2.6950 GHz	2.7000 GHz	1.000 MHz	2.695216667 GHz	-31.28 dBm	-18.28 dB
5	5	2.7000 GHz	2.7950 GHz	1.000 MHz	2.700950000 GHz	-37.20 dBm	-12.20 dB

Software Version: 23.06.1602

FR1 N41 MIMO (ANT 5+0)

Transmitter Conducted Output Power and EIRP,(G_T - L_C)=-0.34dB

NR Band	SCS	Band Width	Arfcn	Freq(MHz)	Modulation	RB	ANT5 Power (dBm)	ANT0 Power (dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	20	501204	2506.02	CP-OFDM QPSK	1@1	21.21	21.77	24.51	24.17	0.2612
41	30	20	501204	2506.02	CP-OFDM 16 QAM	1@1	20.69	20.89	23.80	23.46	0.2219
41	30	20	501204	2506.02	CP-OFDM 64 QAM	1@1	19.27	19.31	22.30	21.96	0.1570
41	30	20	518598	2592.99	CP-OFDM QPSK	1@1	21.09	21.28	24.20	23.86	0.2430
41	30	20	518598	2592.99	CP-OFDM 16 QAM	1@1	20.47	20.67	23.58	23.24	0.2109
41	30	20	518598	2592.99	CP-OFDM 64 QAM	1@1	18.85	18.99	21.93	21.59	0.1442
41	30	20	535998	2679.99	CP-OFDM QPSK	1@1	21.02	21.25	24.15	23.81	0.2403
41	30	20	535998	2679.99	CP-OFDM 16 QAM	1@1	20.39	20.54	23.48	23.14	0.2059
41	30	20	535998	2679.99	CP-OFDM 64 QAM	1@1	18.8	19.11	21.97	21.63	0.1455
41	30	30	502200	2511	CP-OFDM QPSK	1@1	21.4	21.7	24.56	24.22	0.2644
41	30	30	502200	2511	CP-OFDM 16 QAM	1@1	20.82	21.19	24.02	23.68	0.2333
41	30	30	502200	2511	CP-OFDM 64 QAM	1@1	19.36	19.44	22.41	22.07	0.1611
41	30	30	518598	2592.99	CP-OFDM QPSK	1@1	21.34	21.54	24.45	24.11	0.2577
41	30	30	518598	2592.99	CP-OFDM 16 QAM	1@1	20.64	20.93	23.80	23.46	0.2217
41	30	30	518598	2592.99	CP-OFDM 64 QAM	1@1	19.16	19.35	22.27	21.93	0.1558
41	30	30	534996	2674.98	CP-OFDM QPSK	1@1	21.04	21.39	24.23	23.89	0.2448
41	30	30	534996	2674.98	CP-OFDM 16 QAM	1@1	20.49	20.51	23.51	23.17	0.2075
41	30	30	534996	2674.98	CP-OFDM 64 QAM	1@1	18.91	18.8	21.87	21.53	0.1421
41	30	40	503202	2516.01	CP-OFDM QPSK	1@1	21.29	21.75	24.54	24.20	0.2628
41	30	40	503202	2516.01	CP-OFDM 16 QAM	1@1	20.81	21.04	23.94	23.60	0.2289
41	30	40	503202	2516.01	CP-OFDM 64 QAM	1@1	19.15	19.33	22.25	21.91	0.1553
41	30	40	518598	2592.99	CP-OFDM QPSK	1@1	21.14	21.39	24.28	23.94	0.2476
41	30	40	518598	2592.99	CP-OFDM 16 QAM	1@1	20.56	20.75	23.67	23.33	0.2151
41	30	40	518598	2592.99	CP-OFDM 64 QAM	1@1	19.05	19.13	22.10	21.76	0.1500
41	30	40	534000	2670	CP-OFDM QPSK	1@1	20.97	21.06	24.03	23.69	0.2336
41	30	40	534000	2670	CP-OFDM 16 QAM	1@1	20.27	20.49	23.39	23.05	0.2019
41	30	40	534000	2670	CP-OFDM 64 QAM	1@1	18.81	18.88	21.86	21.52	0.1418
41	30	50	504204	2521.02	CP-OFDM QPSK	1@1	21.39	21.83	24.63	24.29	0.2683
41	30	50	504204	2521.02	CP-OFDM 16 QAM	1@1	20.77	21.11	23.95	23.61	0.2298
41	30	50	504204	2521.02	CP-OFDM 64 QAM	1@1	19.33	19.53	22.44	22.10	0.1622
41	30	50	518598	2592.99	CP-OFDM QPSK	1@1	21.32	21.43	24.39	24.05	0.2538
41	30	50	518598	2592.99	CP-OFDM 16 QAM	1@1	20.72	20.89	23.82	23.48	0.2226
41	30	50	518598	2592.99	CP-OFDM 64 QAM	1@1	19.14	19.36	22.26	21.92	0.1557
41	30	50	532998	2664.99	CP-OFDM QPSK	1@1	21.14	21.2	24.18	23.84	0.2421
41	30	50	532998	2664.99	CP-OFDM 16 QAM	1@1	20.47	20.49	23.49	23.15	0.2066
41	30	50	532998	2664.99	CP-OFDM 64 QAM	1@1	18.91	18.99	21.96	21.62	0.1452
41	30	60	505200	2526	CP-OFDM QPSK	1@1	21.45	21.82	24.65	24.31	0.2697

41	30	60	505200	2526	CP-OFDM 16 QAM	1@1	20.71	21.2	23.97	23.63	0.2308
41	30	60	505200	2526	CP-OFDM 64 QAM	1@1	19.33	19.34	22.35	22.01	0.1587
41	30	60	518598	2592.99	CP-OFDM QPSK	1@1	21.19	21.49	24.35	24.01	0.2519
41	30	60	518598	2592.99	CP-OFDM 16 QAM	1@1	20.67	20.82	23.76	23.42	0.2196
41	30	60	518598	2592.99	CP-OFDM 64 QAM	1@1	18.98	19.1	22.05	21.71	0.1483
41	30	60	531996	2659.98	CP-OFDM QPSK	1@1	21.09	21.28	24.20	23.86	0.2430
41	30	60	531996	2659.98	CP-OFDM 16 QAM	1@1	20.5	20.38	23.45	23.11	0.2047
41	30	60	531996	2659.98	CP-OFDM 64 QAM	1@1	18.9	19.05	21.99	21.65	0.1461
41	30	70	505200	2531.01	CP-OFDM QPSK	1@1	21.35	21.84	24.61	24.27	0.2674
41	30	70	505200	2531.01	CP-OFDM 16 QAM	1@1	20.84	21.04	23.95	23.61	0.2297
41	30	70	505200	2531.01	CP-OFDM 64 QAM	1@1	19.39	19.44	22.43	22.09	0.1616
41	30	70	518598	2592.99	CP-OFDM QPSK	1@1	21.15	21.36	24.27	23.93	0.2470
41	30	70	518598	2592.99	CP-OFDM 16 QAM	1@1	20.51	20.75	23.64	23.30	0.2139
41	30	70	518598	2592.99	CP-OFDM 64 QAM	1@1	18.98	19.18	22.09	21.75	0.1497
41	30	70	531996	2655	CP-OFDM QPSK	1@1	20.98	21.48	24.25	23.91	0.2459
41	30	70	531996	2655	CP-OFDM 16 QAM	1@1	20.42	20.79	23.62	23.28	0.2128
41	30	70	531996	2655	CP-OFDM 64 QAM	1@1	18.89	19.18	22.05	21.71	0.1482
41	30	80	507204	2536.02	CP-OFDM QPSK	1@1	21.33	22.04	24.71	24.37	0.2735
41	30	80	507204	2536.02	CP-OFDM 16 QAM	1@1	20.73	21.06	23.91	23.57	0.2274
41	30	80	507204	2536.02	CP-OFDM 64 QAM	1@1	19.29	19.52	22.42	22.08	0.1613
41	30	80	518598	2592.99	CP-OFDM QPSK	1@1	21.19	21.58	24.40	24.06	0.2547
41	30	80	518598	2592.99	CP-OFDM 16 QAM	1@1	20.53	20.74	23.65	23.31	0.2141
41	30	80	518598	2592.99	CP-OFDM 64 QAM	1@1	18.97	19.22	22.11	21.77	0.1502
41	30	80	529998	2649.99	CP-OFDM QPSK	1@1	20.93	21.5	24.23	23.89	0.2452
41	30	80	529998	2649.99	CP-OFDM 16 QAM	1@1	20.5	20.67	23.60	23.26	0.2116
41	30	80	529998	2649.99	CP-OFDM 64 QAM	1@1	18.89	19.05	21.98	21.64	0.1459
41	30	90	508200	2541	CP-OFDM QPSK	1@1	21.47	21.97	24.74	24.40	0.2753
41	30	90	508200	2541	CP-OFDM 16 QAM	1@1	20.79	21.1	23.96	23.62	0.2300
41	30	90	508200	2541	CP-OFDM 64 QAM	1@1	19.32	19.35	22.35	22.01	0.1587
41	30	90	518598	2592.99	CP-OFDM QPSK	1@1	21.19	21.33	24.27	23.93	0.2472
41	30	90	518598	2592.99	CP-OFDM 16 QAM	1@1	20.5	20.56	23.54	23.20	0.2089
41	30	90	518598	2592.99	CP-OFDM 64 QAM	1@1	19.02	19.09	22.07	21.73	0.1488
41	30	90	528996	2644.98	CP-OFDM QPSK	1@1	20.94	21.5	24.24	23.90	0.2454
41	30	90	528996	2644.98	CP-OFDM 16 QAM	1@1	20.43	20.71	23.58	23.24	0.2110
41	30	90	528996	2644.98	CP-OFDM 64 QAM	1@1	18.91	19.12	22.03	21.69	0.1475
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	21.15	21.4	24.29	23.95	0.2481
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	21.53	22.04	24.80	24.46	0.2794
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	21.2	21.66	24.45	24.11	0.2574
41	30	100	509202	2546.01	CP-OFDM 16 QAM	137@68	20.78	21.12	23.96	23.62	0.2303
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@1	20.8	21.23	24.03	23.69	0.2339
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@271	20.66	20.93	23.81	23.47	0.2222
41	30	100	509202	2546.01	CP-OFDM 64 QAM	137@68	19.24	19.46	22.36	22.02	0.1593
41	30	100	509202	2546.01	CP-OFDM 64 QAM	1@1	19.34	19.49	22.43	22.09	0.1617
41	30	100	509202	2546.01	CP-OFDM 64 QAM	1@271	19.18	19.36	22.28	21.94	0.1564
41	30	100	509202	2546.01	CP-OFDM 256 QAM	137@68	13.21	16.27	18.01	17.67	0.0585
41	30	100	509202	2546.01	CP-OFDM 256 QAM	1@1	16.14	16.61	19.39	19.05	0.0804

41	30	100	509202	2546.01	CP-OFDM 256 QAM	1@271	16	16.56	19.30	18.96	0.0787
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	21.04	21.48	24.28	23.94	0.2475
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	21.35	21.75	24.56	24.22	0.2645
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	21.36	21.52	24.45	24.11	0.2577
41	30	100	518598	2592.99	CP-OFDM 16 QAM	137@68	20.56	21.01	23.80	23.46	0.2219
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@1	20.67	20.85	23.77	23.43	0.2204
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@271	20.75	20.9	23.84	23.50	0.2237
41	30	100	518598	2592.99	CP-OFDM 64 QAM	137@68	18.99	19.41	22.22	21.88	0.1540
41	30	100	518598	2592.99	CP-OFDM 64 QAM	1@1	19.05	19.19	22.13	21.79	0.1510
41	30	100	518598	2592.99	CP-OFDM 64 QAM	1@271	19.25	19.26	22.27	21.93	0.1558
41	30	100	518598	2592.99	CP-OFDM 256 QAM	137@68	15.95	16.27	19.12	18.78	0.0756
41	30	100	518598	2592.99	CP-OFDM 256 QAM	1@1	15.95	16.41	19.20	18.86	0.0768
41	30	100	518598	2592.99	CP-OFDM 256 QAM	1@271	16.11	16.52	19.33	18.99	0.0793
41	30	100	528000	2640	CP-OFDM QPSK	137@68	20.97	21.18	24.09	23.75	0.2370
41	30	100	528000	2640	CP-OFDM QPSK	1@1	21.04	21.57	24.32	23.98	0.2502
41	30	100	528000	2640	CP-OFDM QPSK	1@271	21.32	21.49	24.42	24.08	0.2556
41	30	100	528000	2640	CP-OFDM 16 QAM	137@68	20.54	20.85	23.71	23.37	0.2172
41	30	100	528000	2640	CP-OFDM 16 QAM	1@1	20.68	20.86	23.78	23.44	0.2209
41	30	100	528000	2640	CP-OFDM 16 QAM	1@271	20.81	20.78	23.81	23.47	0.2221
41	30	100	528000	2640	CP-OFDM 64 QAM	137@68	19	19.24	22.13	21.79	0.1511
41	30	100	528000	2640	CP-OFDM 64 QAM	1@1	18.99	19.27	22.14	21.80	0.1514
41	30	100	528000	2640	CP-OFDM 64 QAM	1@271	19.28	19.14	22.22	21.88	0.1542
41	30	100	528000	2640	CP-OFDM 256 QAM	137@68	15.93	16.2	19.08	18.74	0.0748
41	30	100	528000	2640	CP-OFDM 256 QAM	1@1	15.79	16.33	19.08	18.74	0.0748
41	30	100	528000	2640	CP-OFDM 256 QAM	1@271	16.21	16.37	19.30	18.96	0.0787
41	30	10	500202	2501.01	CP-OFDM QPSK	1@1	19.86	20.34	23.12	22.78	0.1895
41	30	10	500202	2501.01	CP-OFDM 16 QAM	1@1	19.44	19.73	22.60	22.26	0.1682
41	30	10	500202	2501.01	CP-OFDM 64 QAM	1@1	17.63	18.23	20.95	20.61	0.1151
41	30	10	518598	2592.99	CP-OFDM QPSK	1@1	19.74	19.88	22.82	22.48	0.1770
41	30	10	518598	2592.99	CP-OFDM 16 QAM	1@1	19.23	19.42	22.34	22.00	0.1584
41	30	10	518598	2592.99	CP-OFDM 64 QAM	1@1	17.4	17.55	20.49	20.15	0.1034
41	30	10	537000	2685	CP-OFDM QPSK	1@1	19.73	19.87	22.81	22.47	0.1766
41	30	10	537000	2685	CP-OFDM 16 QAM	1@1	19.33	19.43	22.39	22.05	0.1603
41	30	10	537000	2685	CP-OFDM 64 QAM	1@1	17.53	17.69	20.62	20.28	0.1067
41	30	15	500700	2503.5	CP-OFDM QPSK	1@1	19.84	20.42	23.15	22.81	0.1910
41	30	15	500700	2503.5	CP-OFDM 16 QAM	1@1	19.45	19.46	22.47	22.13	0.1631
41	30	15	500700	2503.5	CP-OFDM 64 QAM	1@1	17.66	17.91	20.80	20.46	0.1111
41	30	15	518598	2592.99	CP-OFDM QPSK	1@1	19.72	20.24	23.00	22.66	0.1844
41	30	15	518598	2592.99	CP-OFDM 16 QAM	1@1	19.18	19.55	22.38	22.04	0.1599
41	30	15	518598	2592.99	CP-OFDM 64 QAM	1@1	17.45	17.9	20.69	20.35	0.1084
41	30	15	536496	2682.48	CP-OFDM QPSK	1@1	19.7	20.08	22.90	22.56	0.1805
41	30	15	536496	2682.48	CP-OFDM 16 QAM	1@1	19.38	19.39	22.40	22.06	0.1605
41	30	15	536496	2682.48	CP-OFDM 64 QAM	1@1	17.47	17.89	20.70	20.36	0.1085
41	30	25	501702	2508.51	CP-OFDM QPSK	1@1	19.92	20.51	23.24	22.90	0.1948
41	30	25	501702	2508.51	CP-OFDM 16 QAM	1@1	19.62	19.62	22.63	22.29	0.1694
41	30	25	501702	2508.51	CP-OFDM 64 QAM	1@1	17.72	18.07	20.91	20.57	0.1140

41	30	25	518598	2592.99	CP-OFDM QPSK	1@1	19.74	19.89	22.83	22.49	0.1773
41	30	25	518598	2592.99	CP-OFDM 16 QAM	1@1	19.23	19.43	22.34	22.00	0.1585
41	30	25	518598	2592.99	CP-OFDM 64 QAM	1@1	17.57	17.66	20.63	20.29	0.1068
41	30	25	535500	2677.5	CP-OFDM QPSK	1@1	19.83	20.12	22.99	22.65	0.1840
41	30	25	535500	2677.5	CP-OFDM 16 QAM	1@1	19.28	19.51	22.41	22.07	0.1609
41	30	25	535500	2677.5	CP-OFDM 64 QAM	1@1	17.5	18	20.77	20.43	0.1103

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Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00129	PASS	NV
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00214	**PASS**	LV
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00358	**PASS**	HV
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00125	**PASS**	-30℃
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00015	**PASS**	-20℃
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00241	**PASS**	-10℃
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00263	**PASS**	0℃
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	-0.00042	**PASS**	10℃
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00123	**PASS**	20℃
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00214	**PASS**	30℃
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00111	**PASS**	40℃
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	0.00316	**PASS**	50℃

Peak to Average Ratio

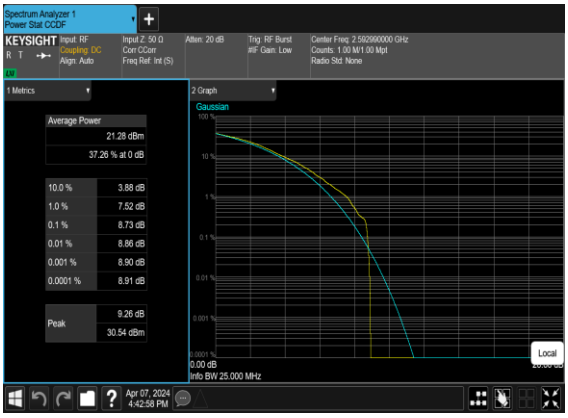
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	518598	2592.99	CP-OFDM QPSK	50@0	7.79	13	**PASS**
41	30	20	518598	2592.99	CP-OFDM QPSK	1@0	8.43	13	**PASS**
41	30	20	518598	2592.99	CP-OFDM 16 QAM	50@0	7.92	13	**PASS**
41	30	20	518598	2592.99	CP-OFDM 16 QAM	1@0	8.73	13	**PASS**

N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N41(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N41(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N41(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH

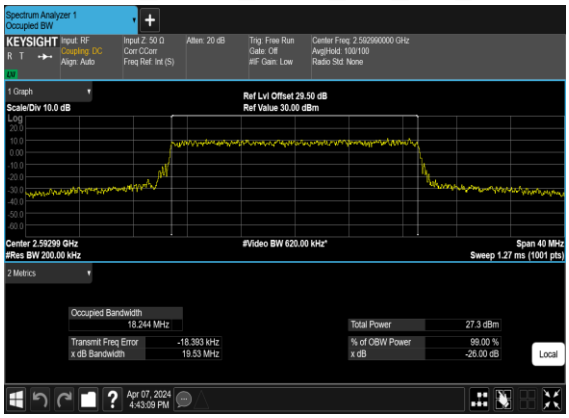


Occupied Bandwidth

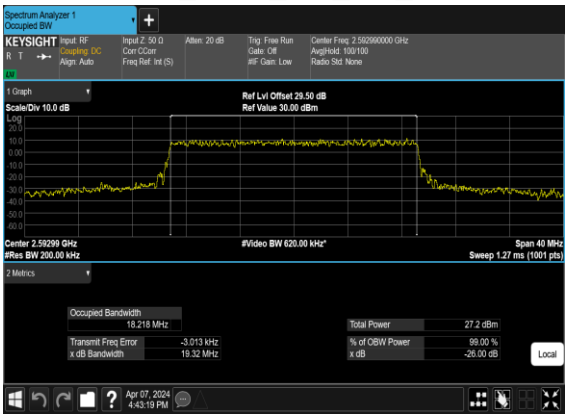
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.244	19.53
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.218	19.32
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.214	19.54
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.203	19.09
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.872	29.2
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.806	28.97
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.848	29.22
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.817	28.85
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.807	39.34
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.893	39.29
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.868	39.69
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.793	39.42
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.601	49.26
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.479	49.16
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.395	49.23
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.623	49.07
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.662	59.7
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.726	59.64
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.742	59.79
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.797	60.13
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.497	69.8
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.528	69.73
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.436	69.89
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.595	69.72
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.582	79.87
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.43	80.01

41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.529	80.1
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.528	79.93
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.495	90.43
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.391	90.25
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.338	90.21
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.359	90.13
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.561	100.4
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.625	100.7
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.551	100.4
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.416	100.6
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.555	9.548
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5738	9.69
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5646	9.541
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5667	9.532
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.567	14.87
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.596	14.9
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.573	14.56
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.591	14.65
41	30	25	518598	2592.99	CP-OFDM QPSK	65@0	23.3	24.55
41	30	25	518598	2592.99	CP-OFDM 16 QAM	65@0	23.156	24.34
41	30	25	518598	2592.99	CP-OFDM 64 QAM	65@0	23.239	24.4
41	30	25	518598	2592.99	CP-OFDM 256 QAM	65@0	23.229	24.67

N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

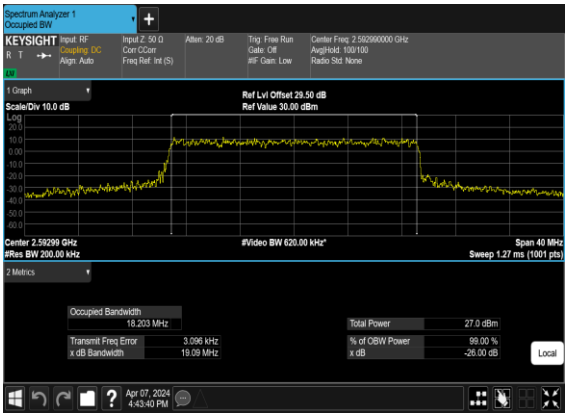


N41(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

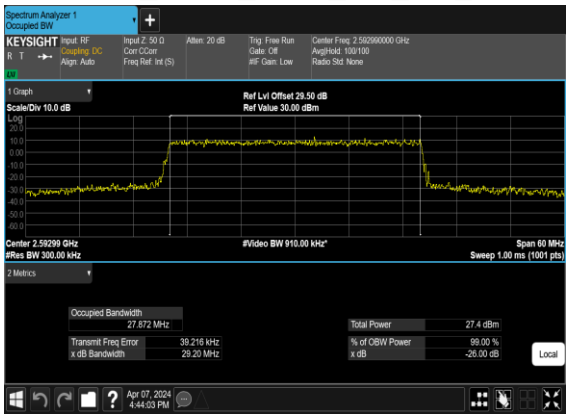


N41(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

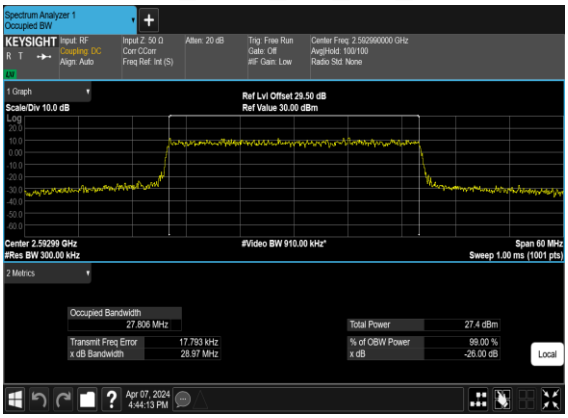
N41(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



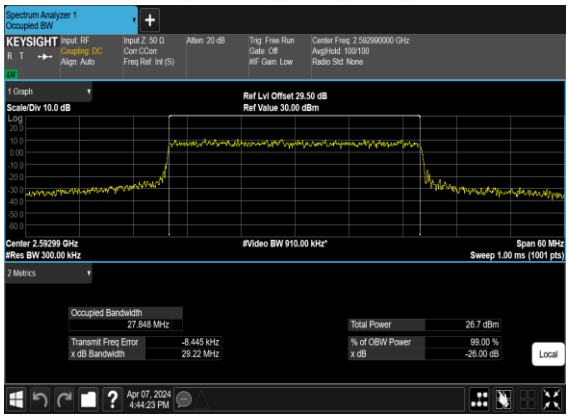
N41(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



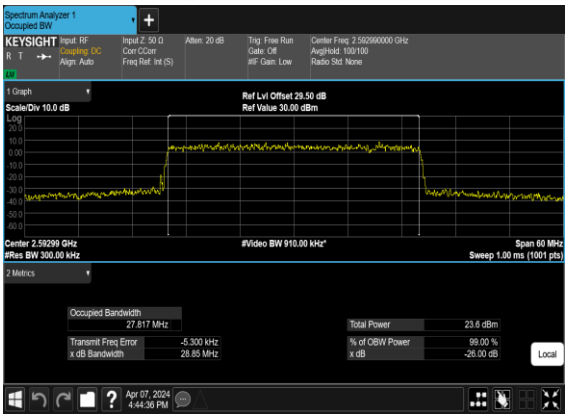
N41(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



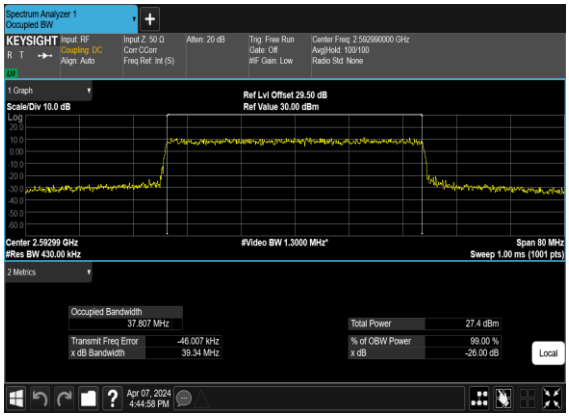
N41(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



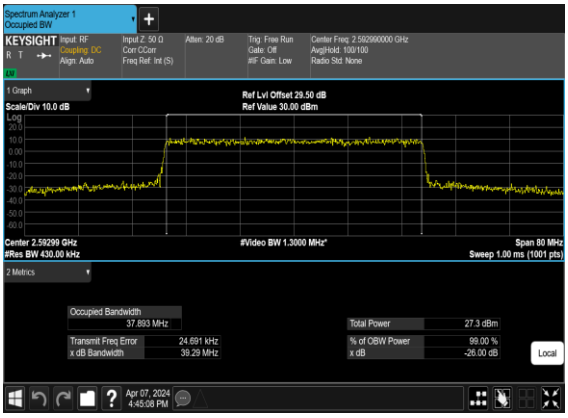
N41(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



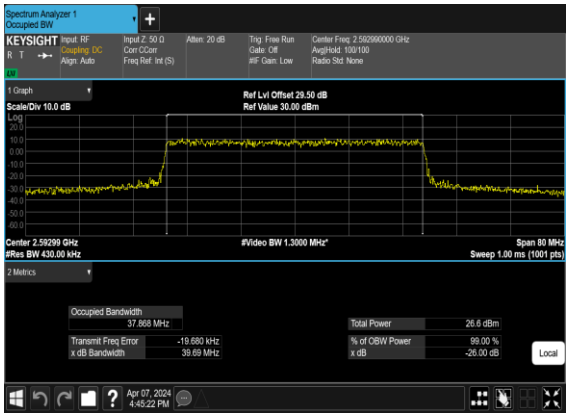
N41(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



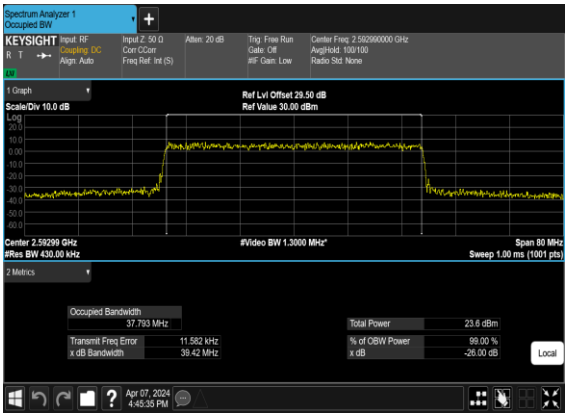
N41(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



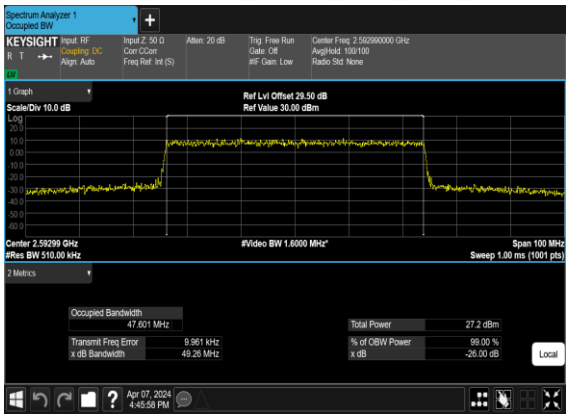
N41(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



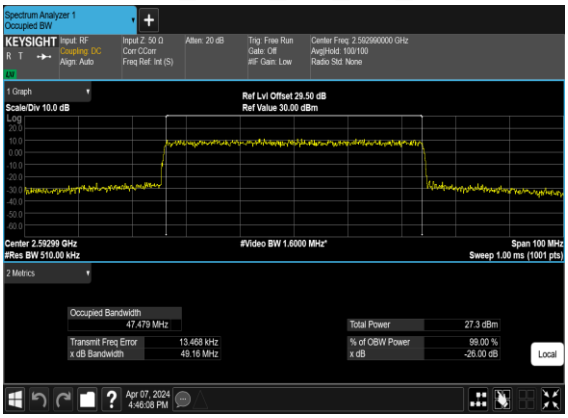
N41(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



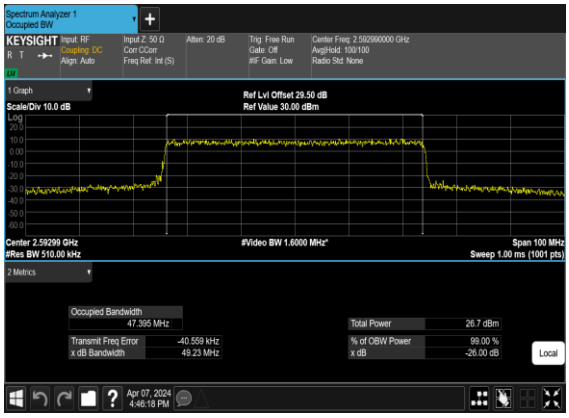
N41(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



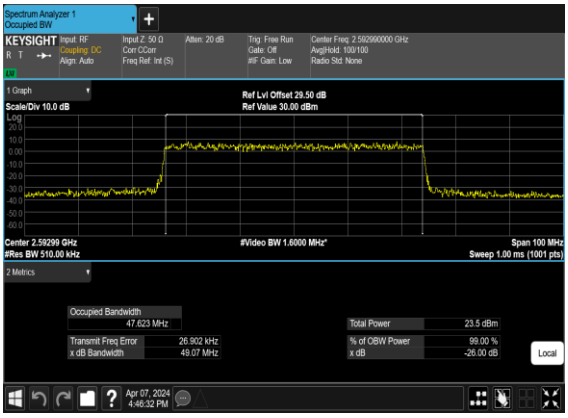
N41(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

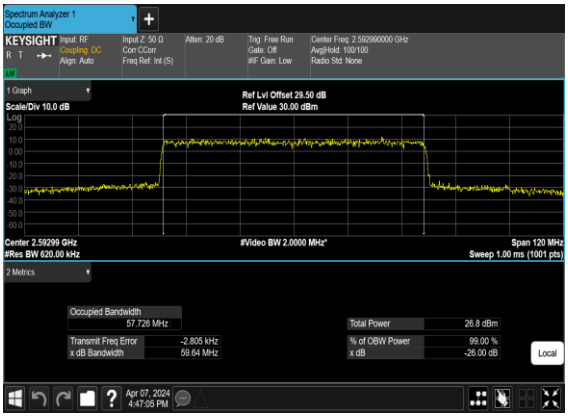


N41(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N41(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

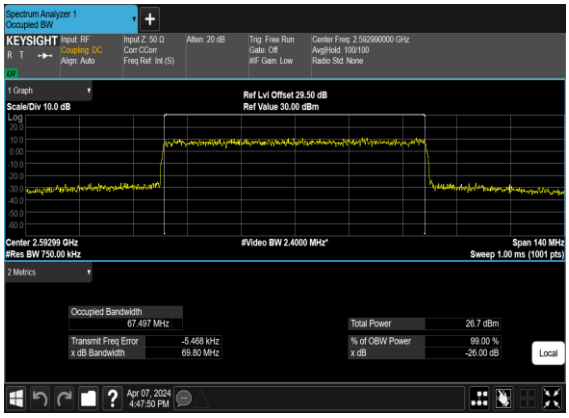
N41(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



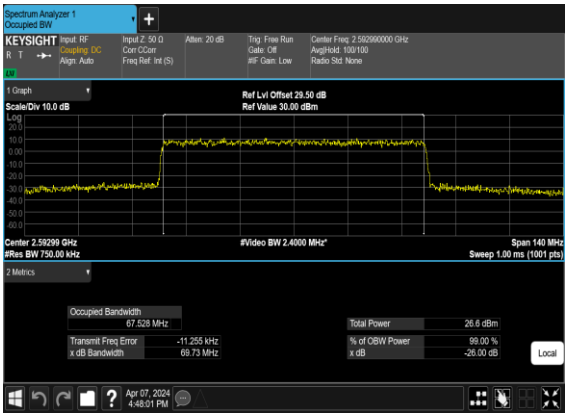
N41(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N41(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

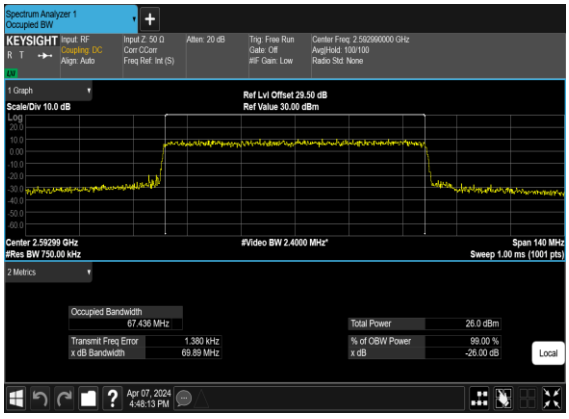
N41(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N41(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH