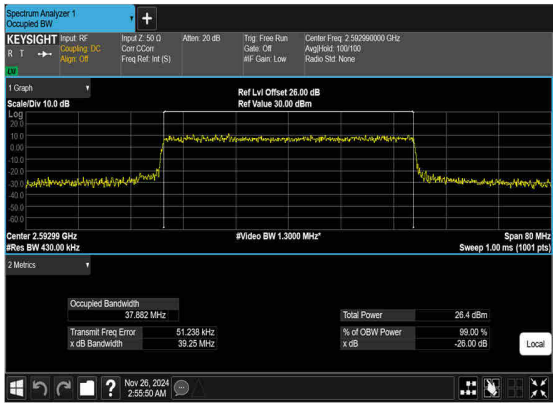
N41(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



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_16QAM_Outer_Full_Mid_CH

N41(50M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

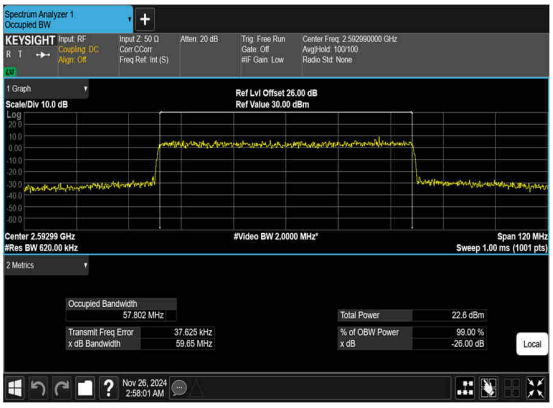
N41(50M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

N41(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N41(60M)_CP-OFDM_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

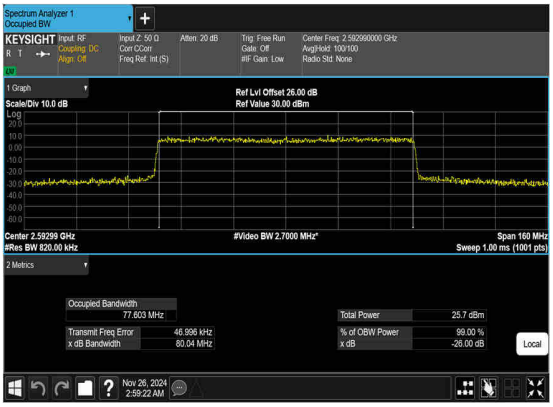
N41(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N41(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

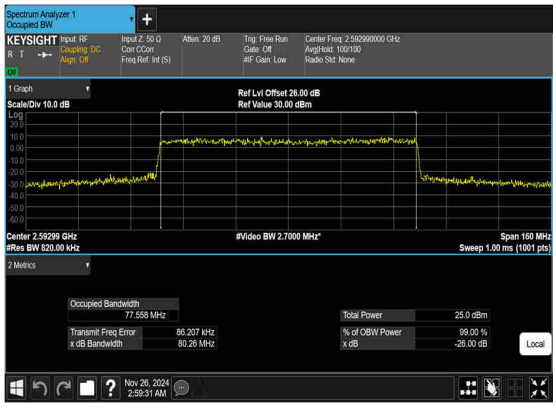
N41(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N41(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

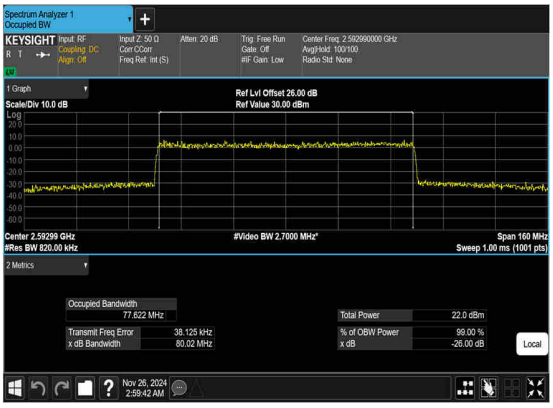
N41(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



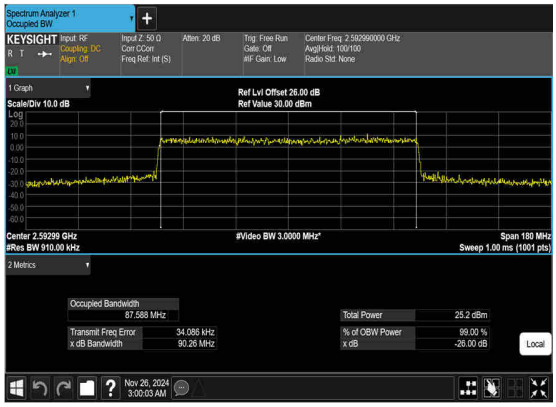
N41(80M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



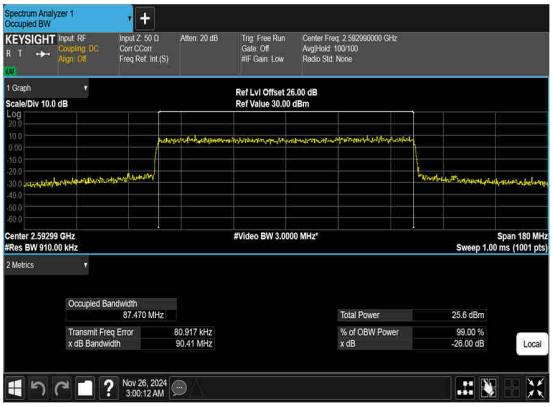
N41(80M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



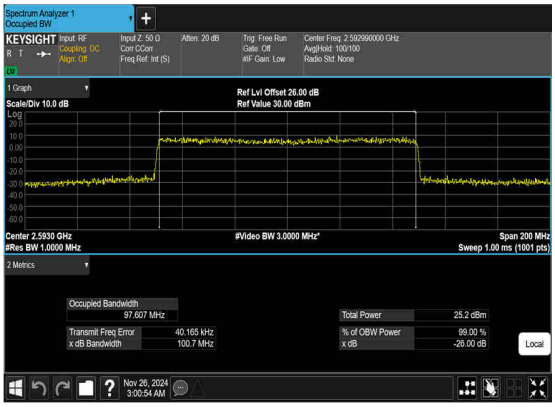
N41(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N41(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N41(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N41(100M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N41(100M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

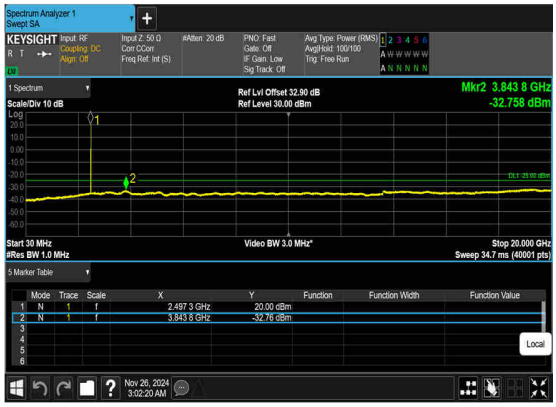
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	---

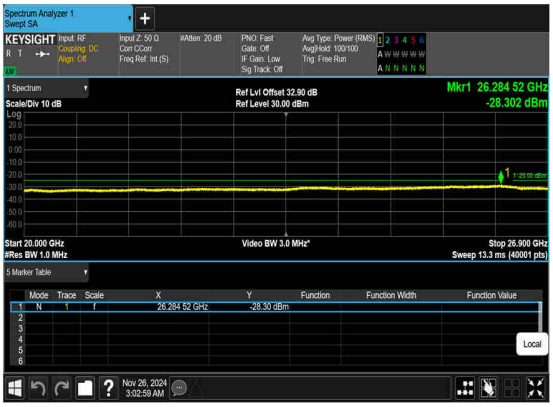
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	60	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	60	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

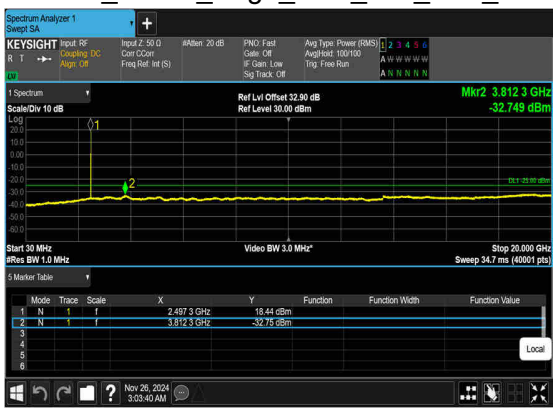
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



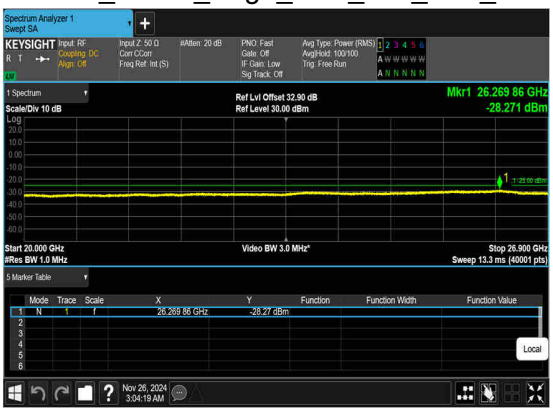
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



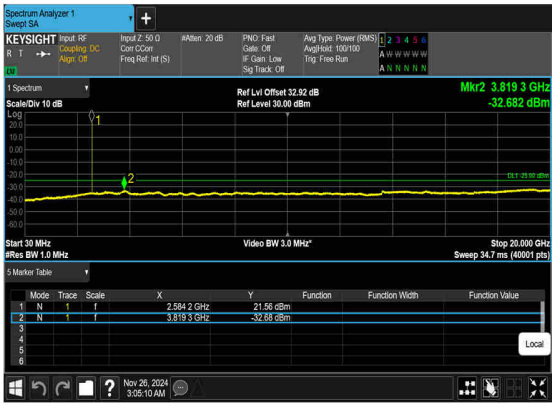
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



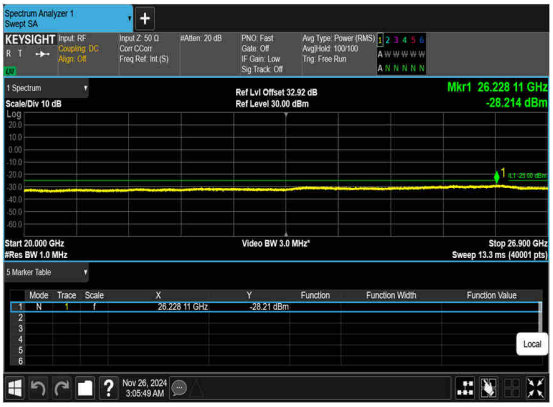
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



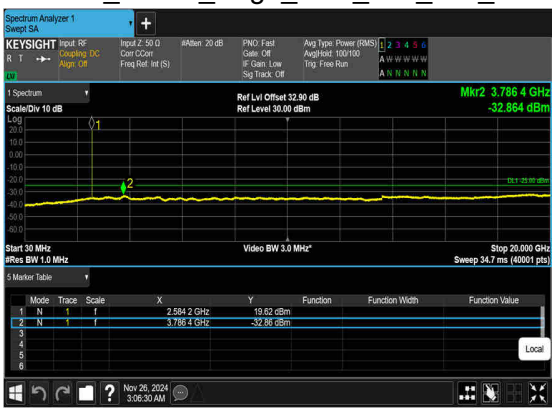
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



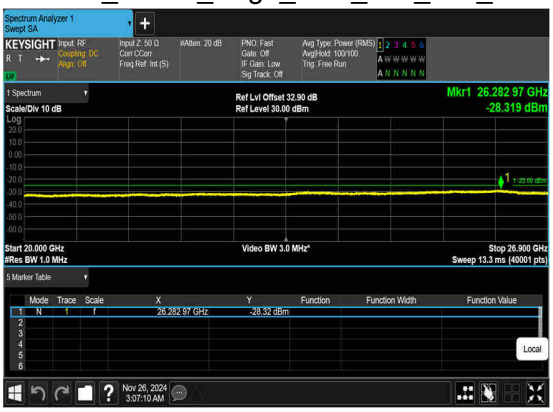
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



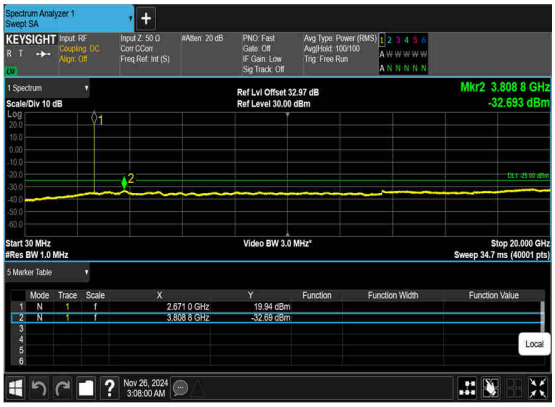
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



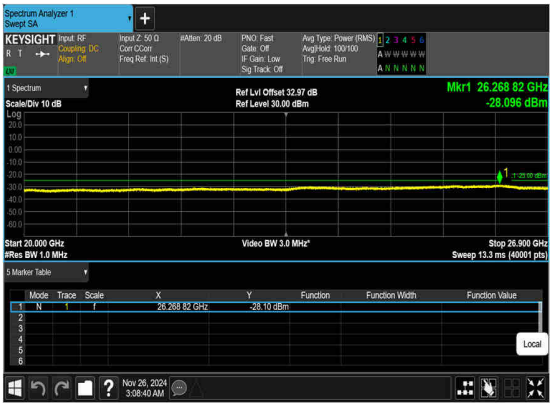
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



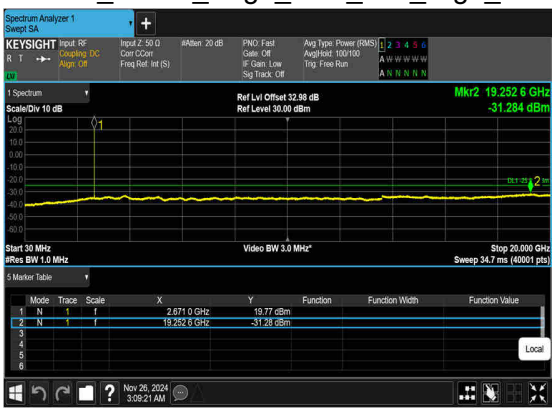
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



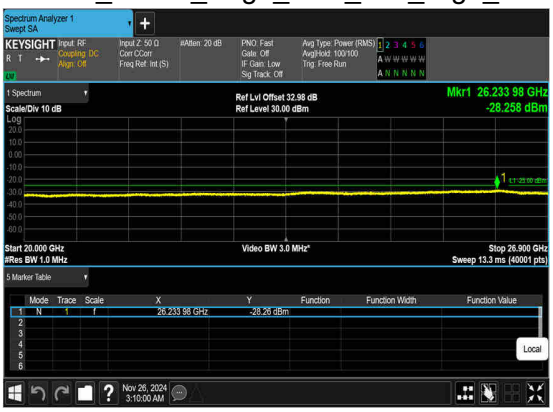
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



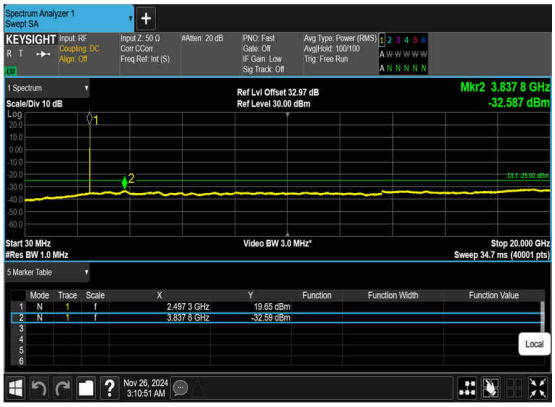
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



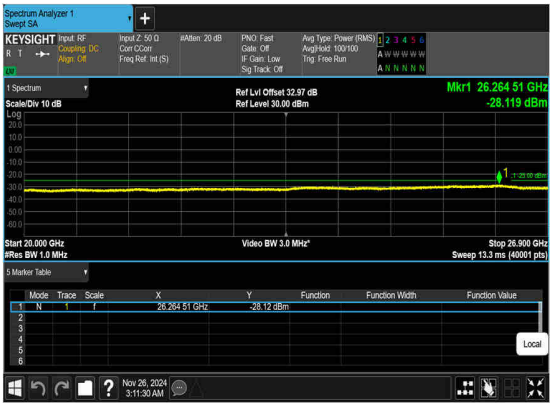
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



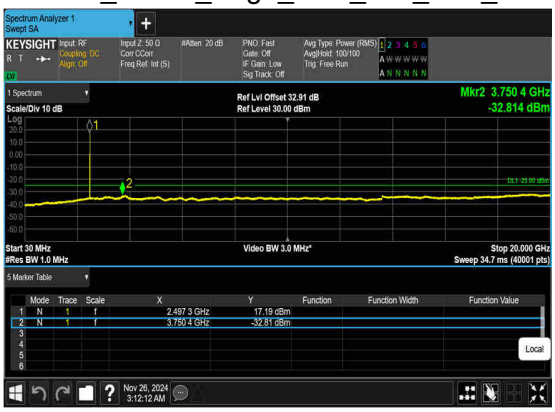
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



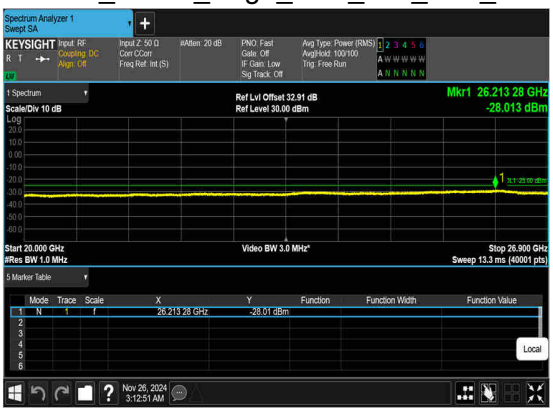
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



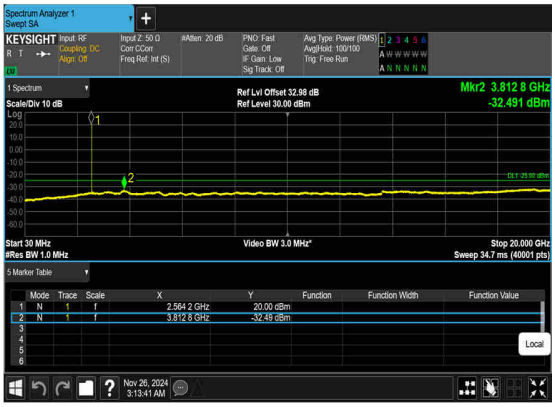
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



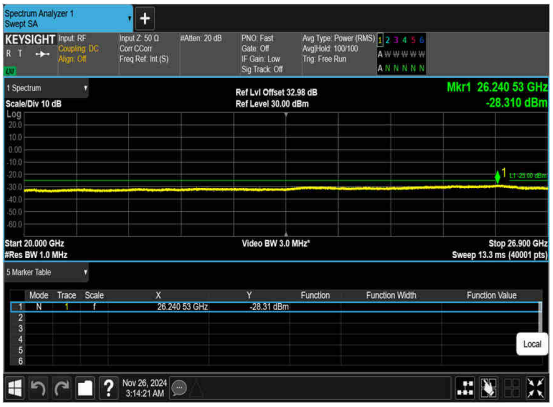
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



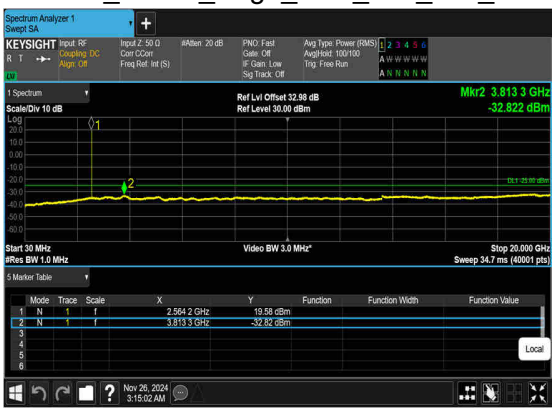
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



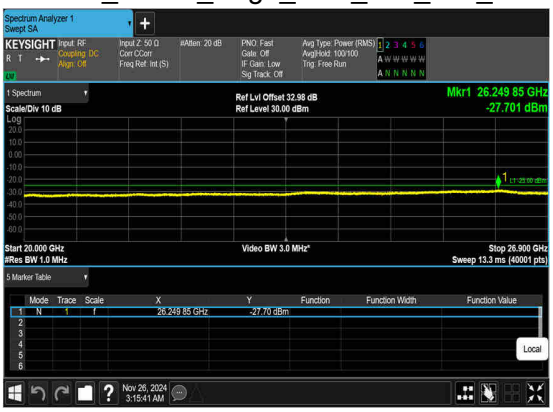
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



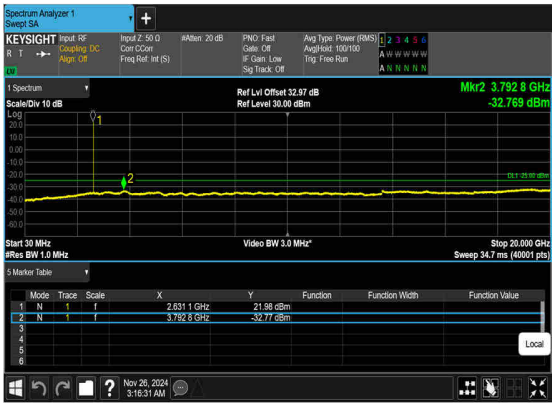
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



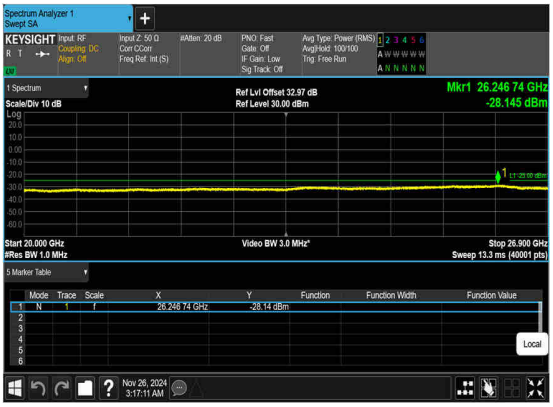
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



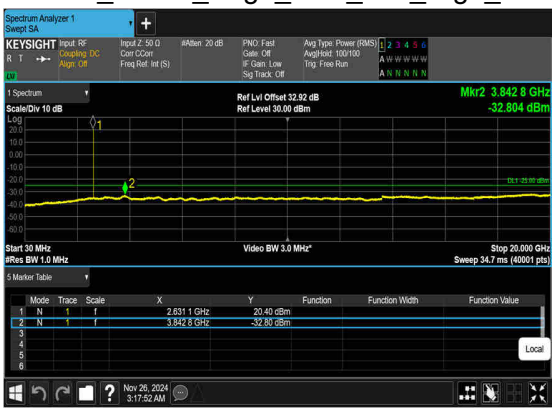
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



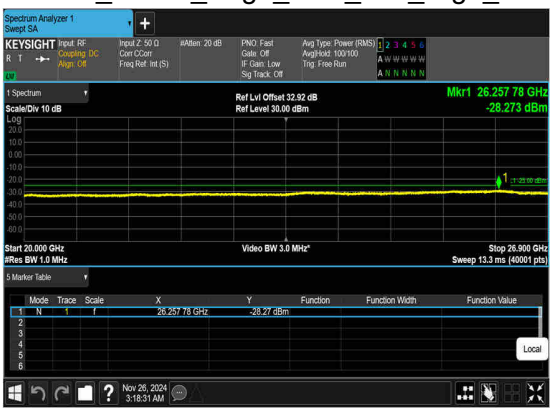
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



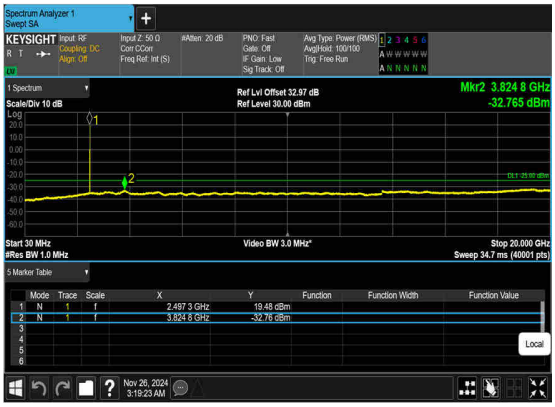
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



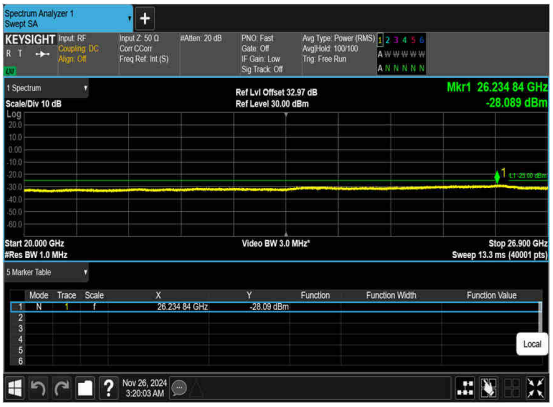
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



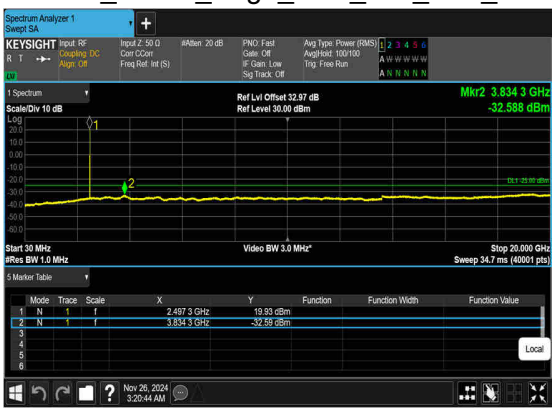
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



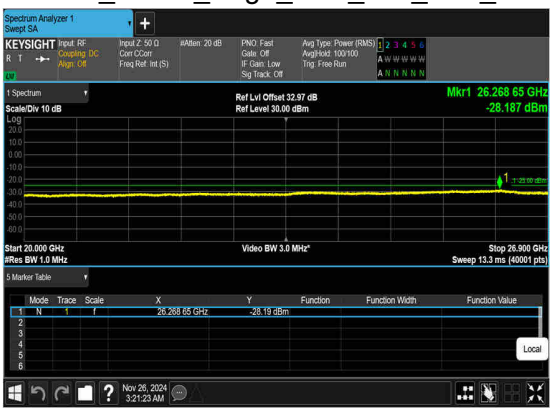
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



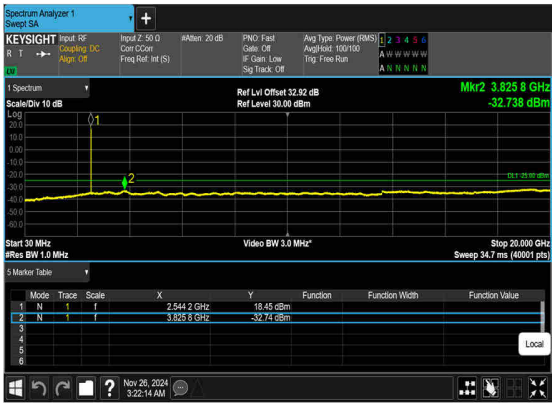
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



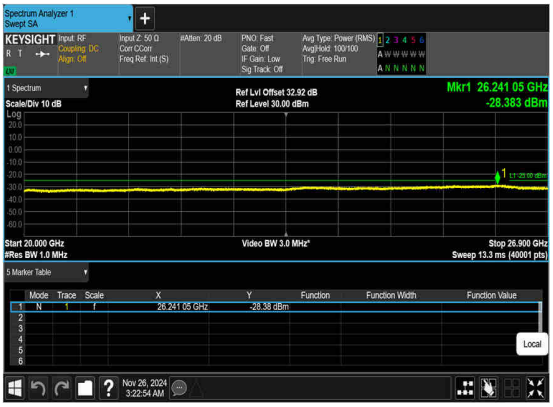
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



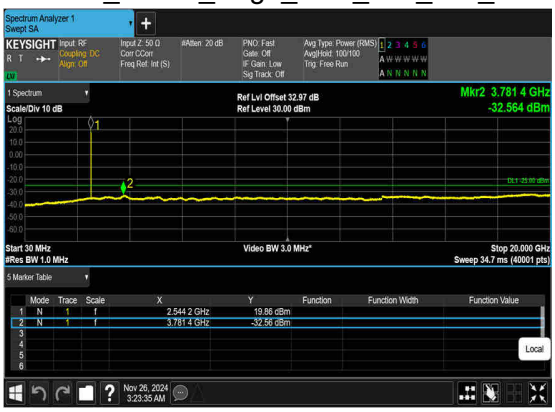
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



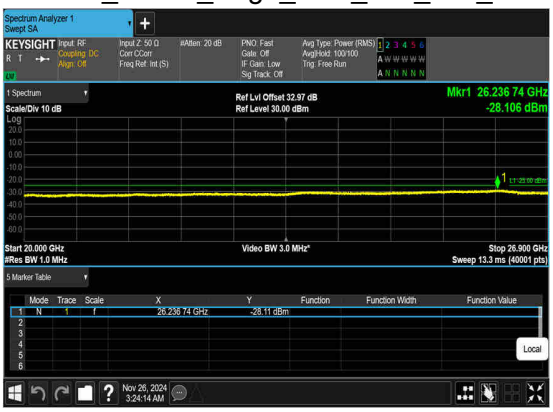
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



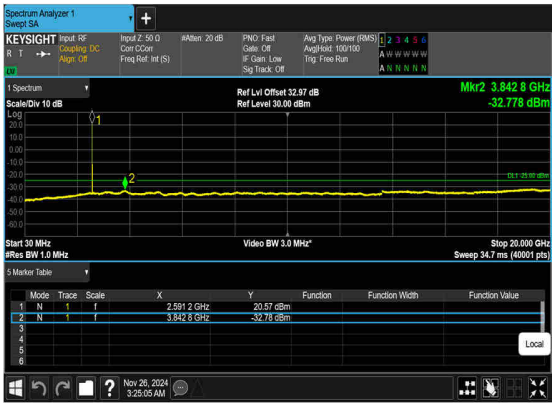
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



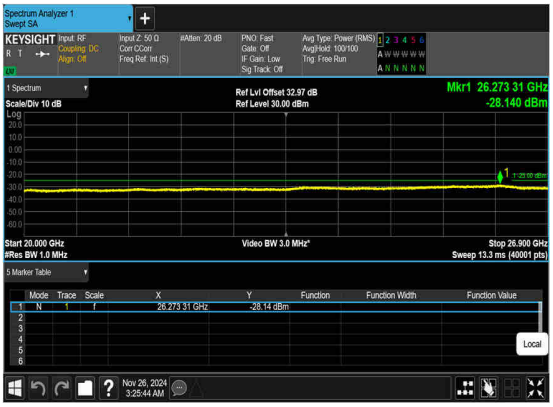
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



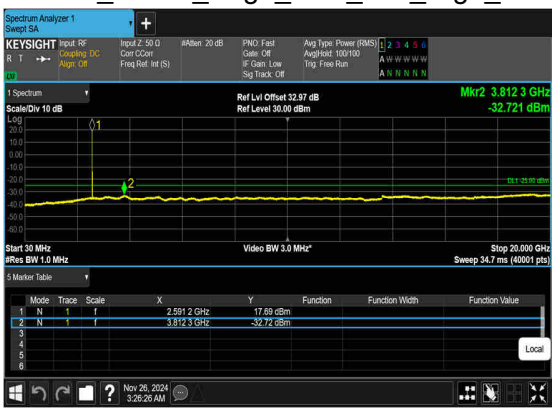
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



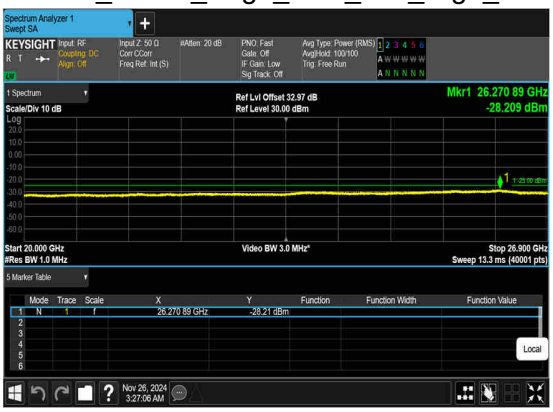
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

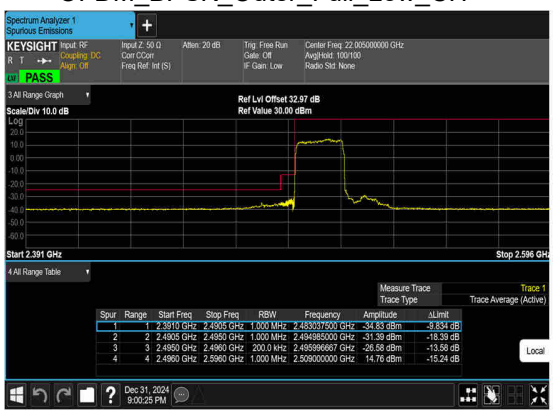
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@50	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@50	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
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**

N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

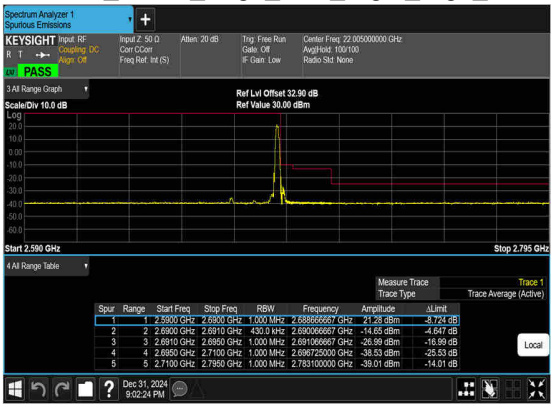
N41(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



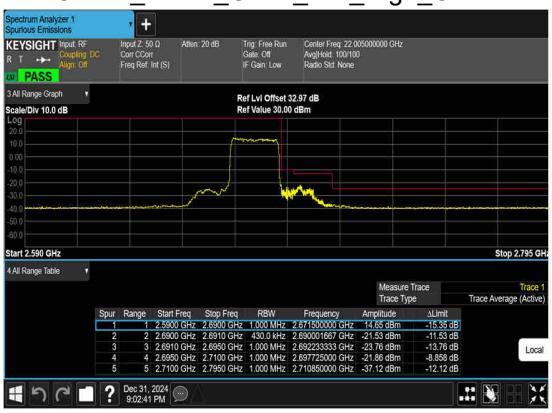
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

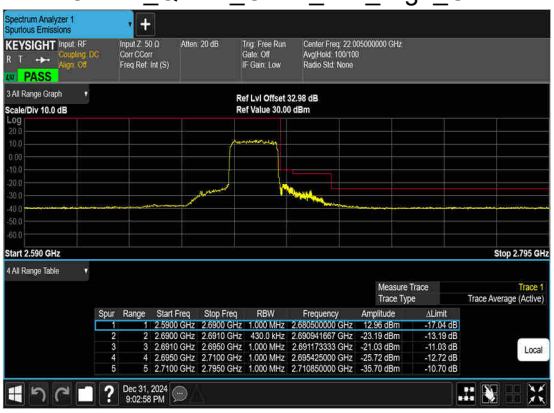
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N41(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

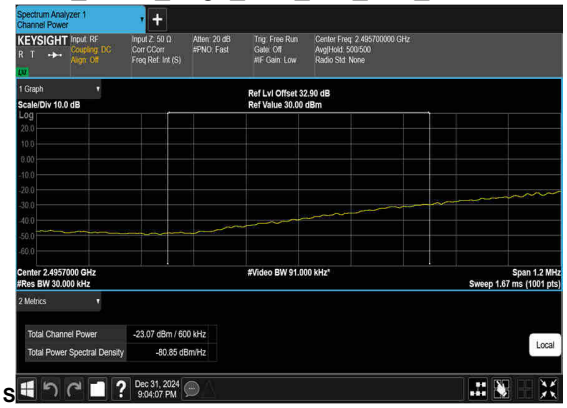


N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



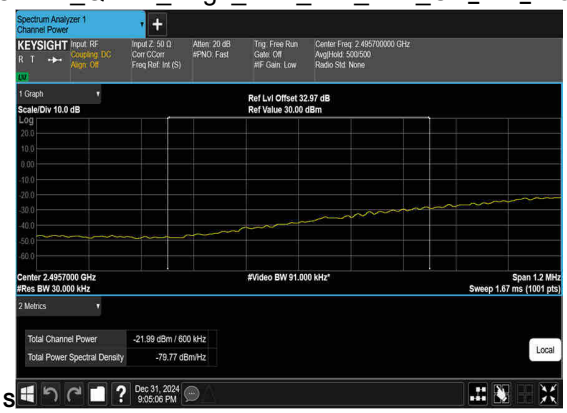
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PAS

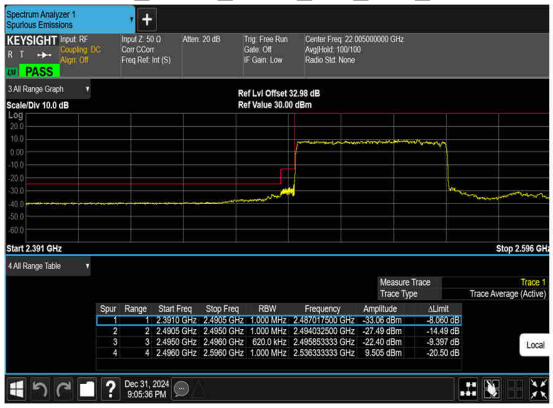


N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

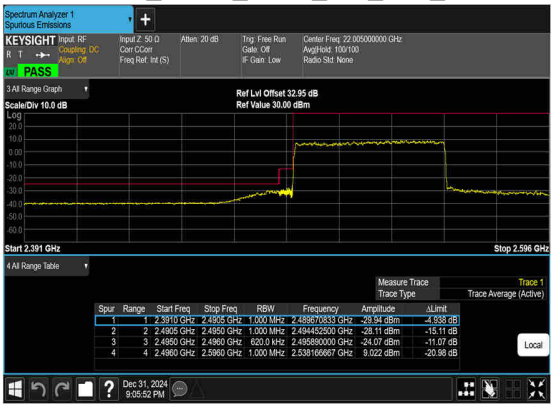
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PAS



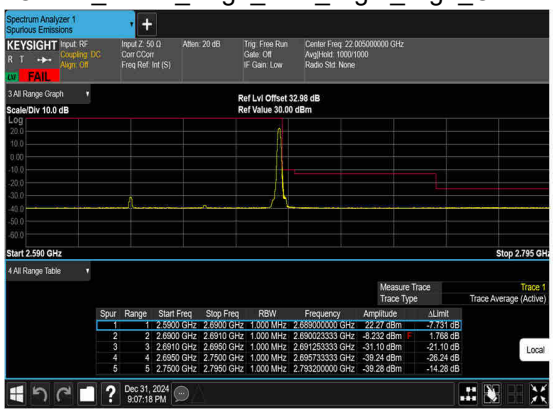
N41(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



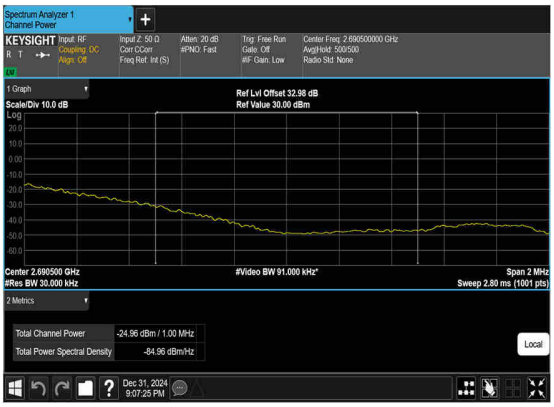
N41(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

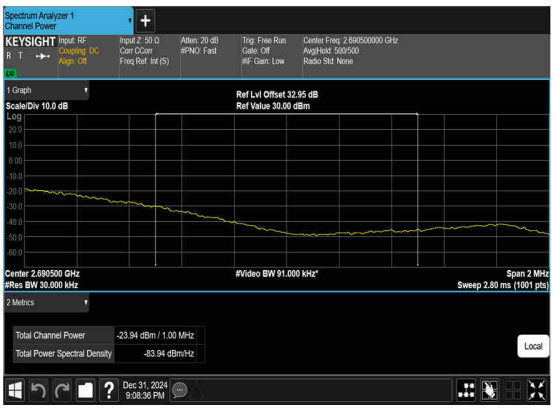


N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



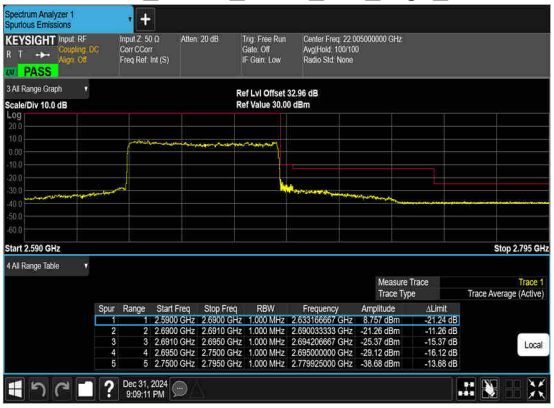
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



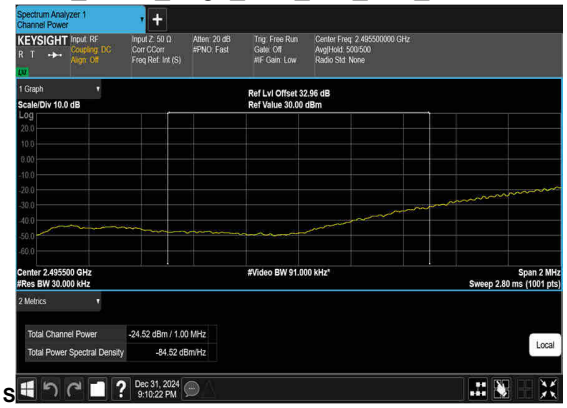
N41(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N41(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



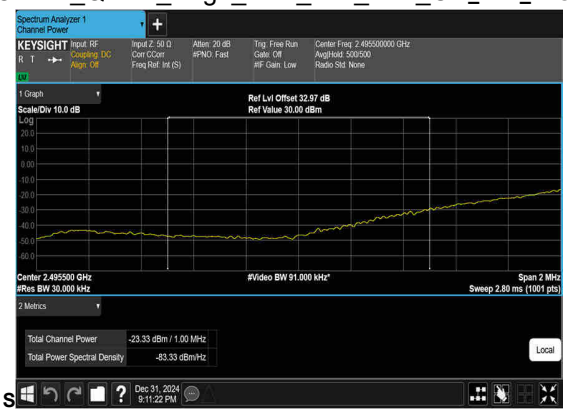
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PAS

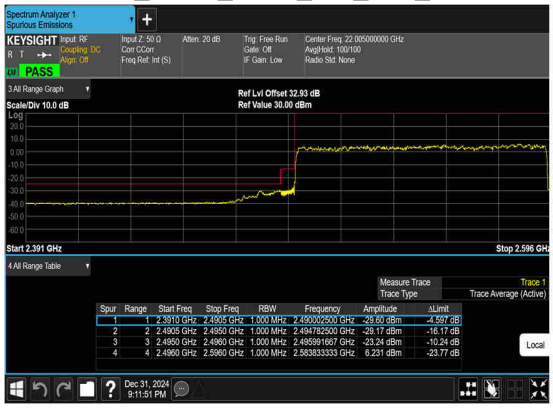


N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

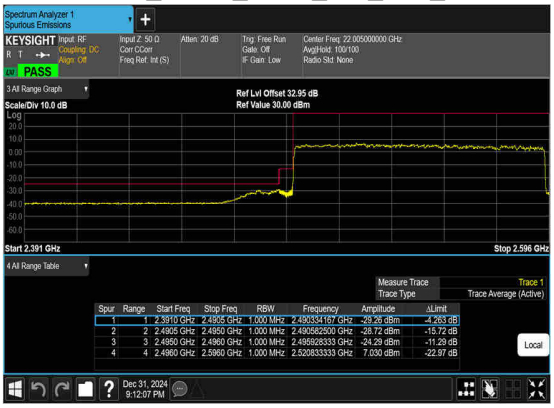
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PAS



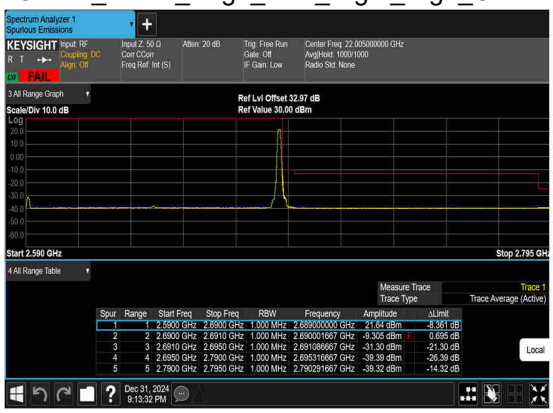
N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



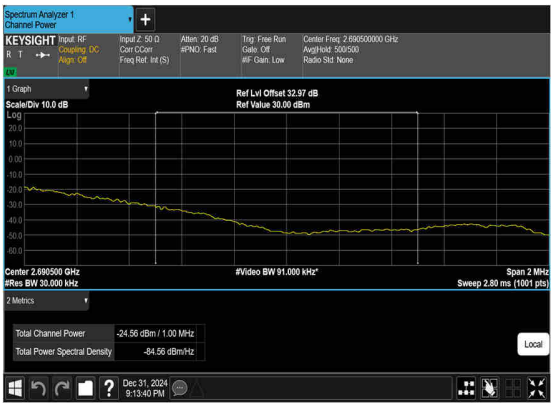
N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

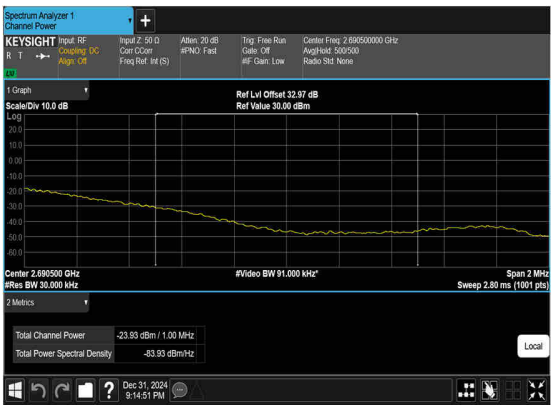


N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS

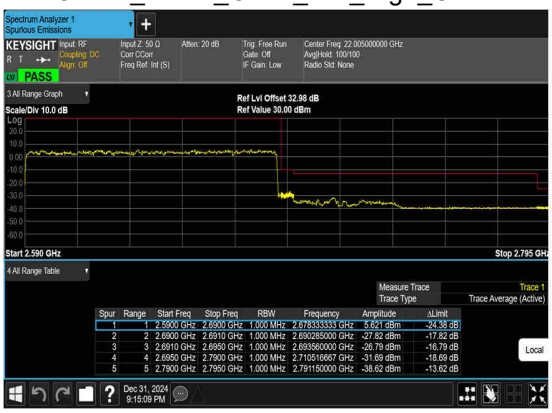


N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

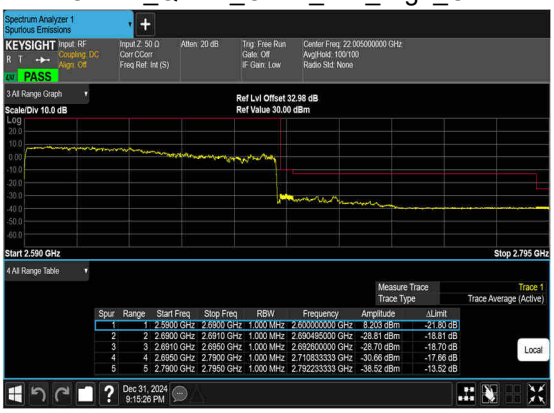
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.06.1602

FR1 N41 ANT2 (Other PA)

LTE Band: 66, LTE BW: 20M, LTE ARFCN: Mid

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-1.52dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	24.5	22.98	0.1986
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	24.72	23.2	0.2089
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	24.87	23.35	0.2163
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	24.51	22.99	0.1991
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	24.74	23.22	0.2099
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	25.02	23.5	0.2239
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	24.5	22.98	0.1986
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	24.77	23.25	0.2113
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	25.08	23.56	0.2270
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	24.32	22.8	0.1905
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	24.6	23.08	0.2032
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	24.68	23.16	0.2070
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	22.68	21.16	0.1306
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	22.67	21.15	0.1303
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	22.8	21.28	0.1343
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	24.53	23.01	0.2000
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	24.7	23.18	0.2080
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	25.02	23.5	0.2239
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	24.77	23.25	0.2113
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.09	22.57	0.1807
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	24.72	23.2	0.2089
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	24.71	23.19	0.2084
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.11	22.59	0.1816
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	24.72	23.2	0.2089
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	24.69	23.17	0.2075
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.05	22.53	0.1791
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	24.94	23.42	0.2198
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	24.46	22.94	0.1968
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.06	22.54	0.1795
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	24.64	23.12	0.2051
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	22.46	20.94	0.1242

41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.66	20.14	0.1033
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	22.3	20.78	0.1197
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	24.66	23.14	0.2061
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	24.16	22.64	0.1837
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	24.79	23.27	0.2123
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	24.53	23.01	0.2000
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	24.54	23.02	0.2004
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	24	22.48	0.1770
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	24.51	22.99	0.1991
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	24.62	23.1	0.2042
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	24.02	22.5	0.1778
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	24.54	23.02	0.2004
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	24.63	23.11	0.2046
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	23.96	22.44	0.1754
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	24.28	22.76	0.1888
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	24.23	22.71	0.1866
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	23.68	22.16	0.1644
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	22.26	20.74	0.1186
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	22.16	20.64	0.1159
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	21.65	20.13	0.1030
41	30	100	528000	2640	CP-OFDM QPSK	137@68	24.7	23.18	0.2080
41	30	100	528000	2640	CP-OFDM QPSK	1@1	24.56	23.04	0.2014
41	30	100	528000	2640	CP-OFDM QPSK	1@271	24.31	22.79	0.1901
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@1	24.83	23.31	0.2143
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	24.92	23.4	0.2188
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	24.75	23.23	0.2104
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.75	23.23	0.2104
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.79	23.27	0.2123
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.76	23.24	0.2109
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@1	24.91	23.39	0.2183
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	24.87	23.35	0.2163
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	24.69	23.17	0.2075
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	1@1	24.8	23.28	0.2128
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	24.84	23.32	0.2148
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	24.69	23.17	0.2075
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.6	23.08	0.2032
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.65	23.13	0.2056
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.71	23.19	0.2084
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@1	24.91	23.39	0.2183
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	24.38	22.86	0.1932
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	24.66	23.14	0.2061
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@1	24.97	23.45	0.2213

41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	25.09	23.57	0.2275
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	24.92	23.4	0.2188
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.76	23.24	0.2109
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.95	23.43	0.2203
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.93	23.41	0.2193
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	1@1	24.48	22.96	0.1977
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	24.44	22.92	0.1959
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	24.42	22.9	0.1950
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@1	24.93	23.41	0.2193
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	24.83	23.31	0.2143
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	24.89	23.37	0.2173
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.99	23.47	0.2223
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.97	23.45	0.2213
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25	23.48	0.2228
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@1	24.9	23.38	0.2178
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	24.66	23.14	0.2061
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	24.52	23	0.1995
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@1	24.79	23.27	0.2123
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	24.81	23.29	0.2133
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	24.76	23.24	0.2109
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.98	23.46	0.2218
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.92	23.4	0.2188
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.96	23.44	0.2208
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@1	25.13	23.61	0.2296
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.01	23.49	0.2234
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	24.88	23.36	0.2168
41	30	70	505200	2531.01	DFT-s-OFDM PI/2 BPSK	1@1	24.74	23.22	0.2099
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	24.73	23.21	0.2094
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	24.67	23.15	0.2065
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.41	22.89	0.1945
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.44	22.92	0.1959
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.49	22.97	0.1982
41	30	70	531996	2655	DFT-s-OFDM PI/2 BPSK	1@1	24.45	22.93	0.1963
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	24.35	22.83	0.1919
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	24.45	22.93	0.1963
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@1	24.64	23.12	0.2051
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	24.65	23.13	0.2056
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	24.64	23.12	0.2051
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.07	22.55	0.1799
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.07	22.55	0.1799
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.01	22.49	0.1774
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@1	24.5	22.98	0.1986

41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	24.4	22.88	0.1941
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	24.23	22.71	0.1866
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@1	24.71	23.19	0.2084
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	24.55	23.03	0.2009
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	24.53	23.01	0.2000
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	23.89	22.37	0.1726
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	23.89	22.37	0.1726
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.91	22.39	0.1734
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@1	24.64	23.12	0.2051
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	24.66	23.14	0.2061
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	24.81	23.29	0.2133

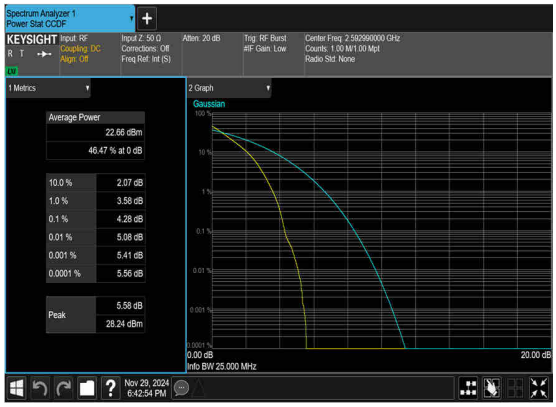
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	0.0025	**PASS**	NV
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	0.0023	**PASS**	LV
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	0.0017	**PASS**	HV
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	0.0019	**PASS**	-30℃
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	-0.0024	**PASS**	-20℃
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	0.0016	**PASS**	-10℃
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	0.0032	**PASS**	0℃
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	0.0037	**PASS**	10℃
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	0.0034	**PASS**	20℃
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	-0.0027	**PASS**	30℃
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	0.0019	**PASS**	40℃
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	0.0036	**PASS**	50℃

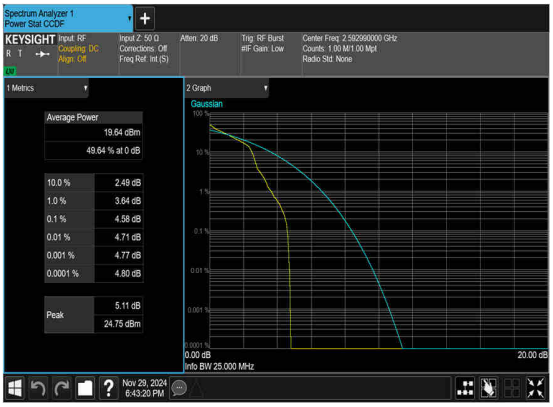
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	4.28	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	4.58	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	5.47	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	5.06	13	**PASS**

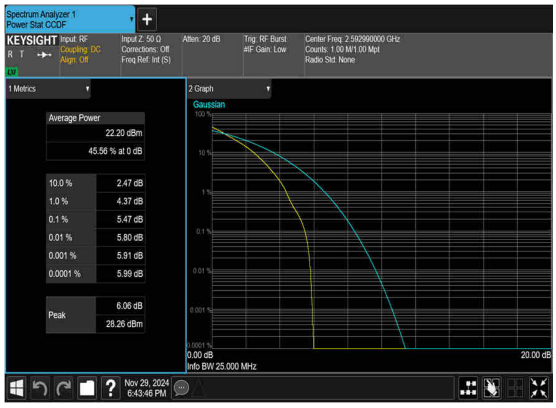
B66_N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



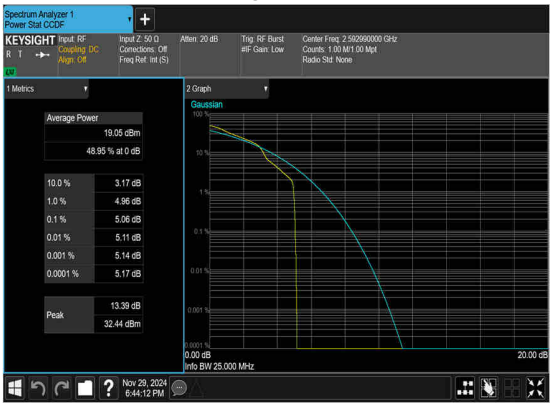
B66_N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



B66_N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B66_N41(20M)_DFT-s-OFDM_QPSK_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	18.241	19.59
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.267	19.72
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.189	19.18
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.191	19.35
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.847	29.55
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.834	29.45
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.844	29.45
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.859	29.13
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.772	39.55
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.799	39.3
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.928	39.55
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	38.016	39.24
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.425	49.44
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.584	49.22
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.502	49.05
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.603	49.11
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.864	59.77
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.799	60.19
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.76	59.56
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.914	59.68
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.457	69.94
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.476	69.95

41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.575	69.68
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.456	69.97
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.483	80.03
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.419	79.96
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.549	79.75
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.545	79.91
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.621	90.18
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.576	90.4
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.735	90.19
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.555	90.27
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.545	100.6
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.599	100.8
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.642	100.5
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.358	100.3