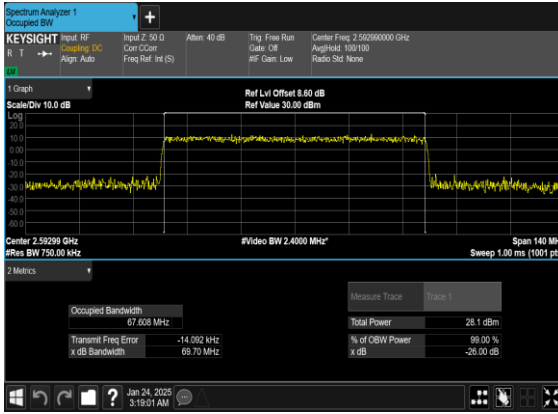
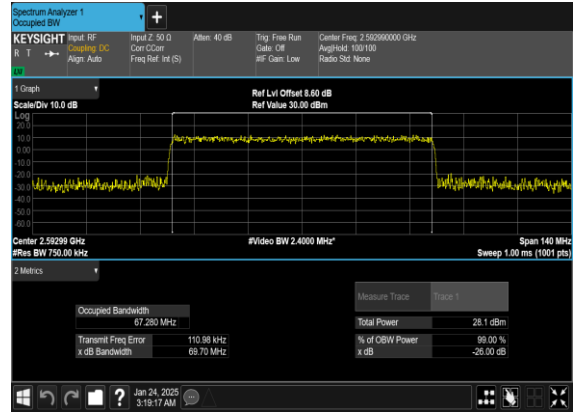




B25_N41(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



B25_N41(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B25_N41(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

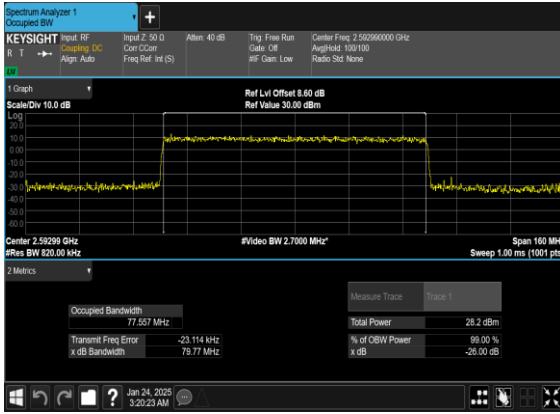


B25_N41(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

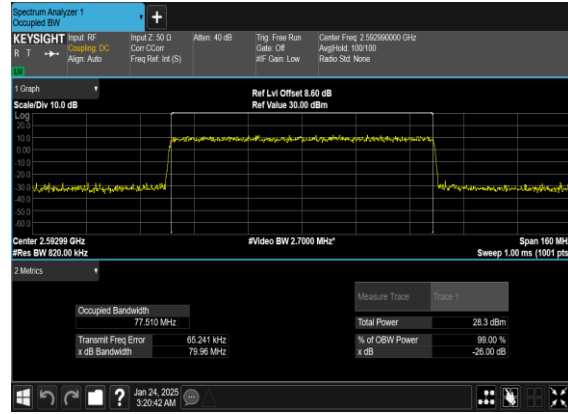




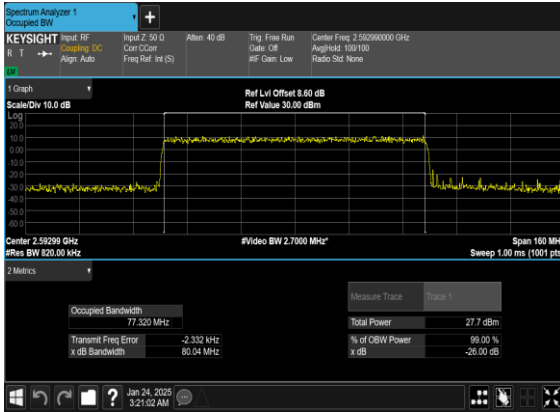
B25_N41(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



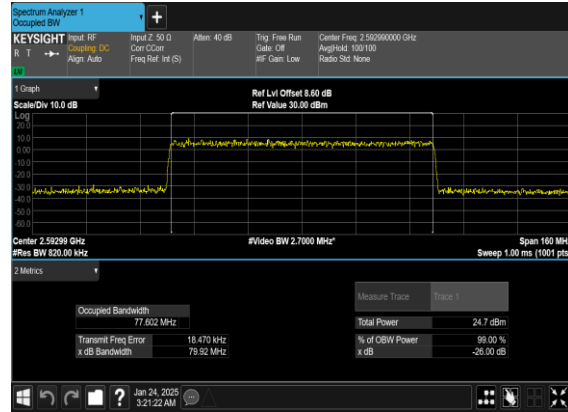
B25_N41(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B25_N41(80M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

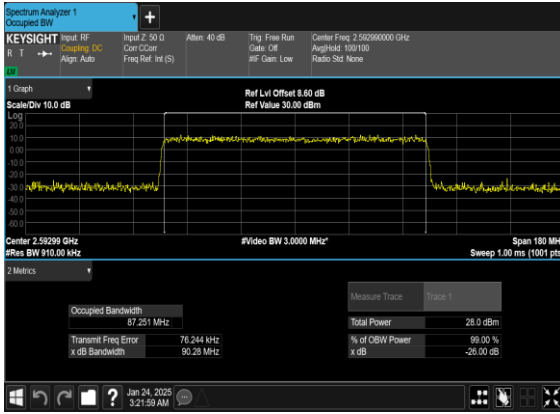


B25_N41(80M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

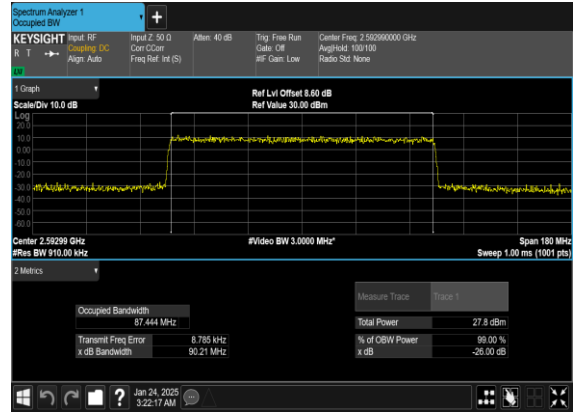




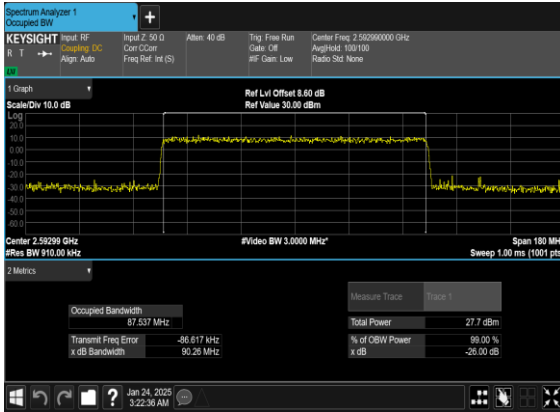
B25_N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



B25_N41(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B25_N41(90M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

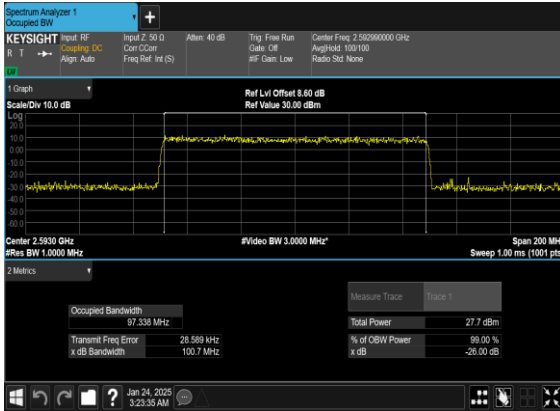


B25_N41(90M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

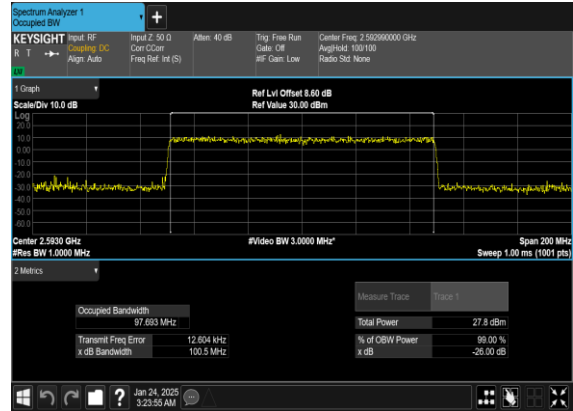




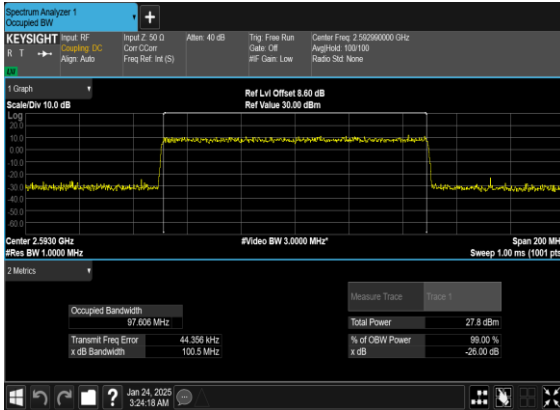
B25_N41(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



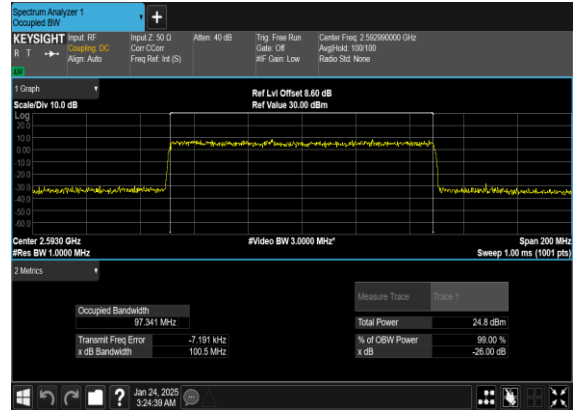
B25_N41(100M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B25_N41(100M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



B25_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	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
41	30	40	503202	2516.01	DFT-s-OFDM BPSK	1@0	see graph	---



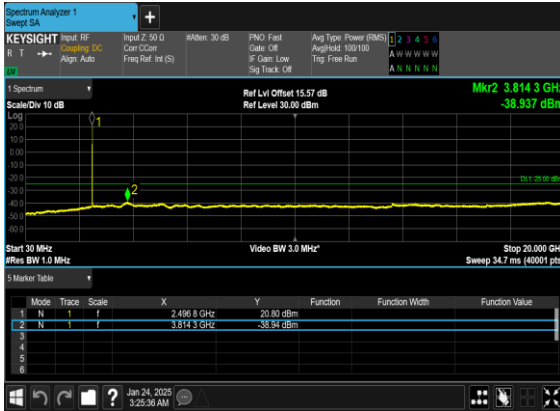
41	30	40	503202	2516.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	40	503202	2516.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	40	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	40	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	40	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	40	534000	2670.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	40	534000	2670.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	40	534000	2670.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	40	534000	2670.0	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	40	534000	2670.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	40	534000	2670.0	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



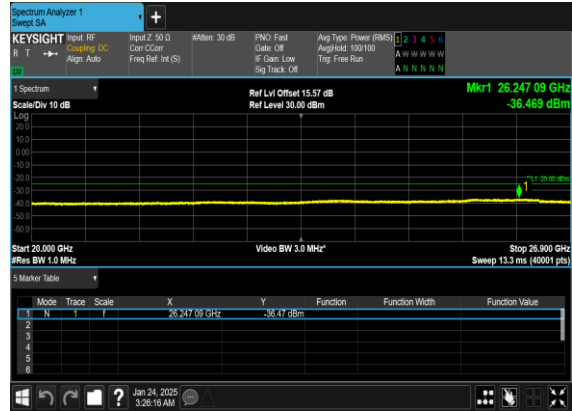
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41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



B25_N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B25_N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B25_N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B25_N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

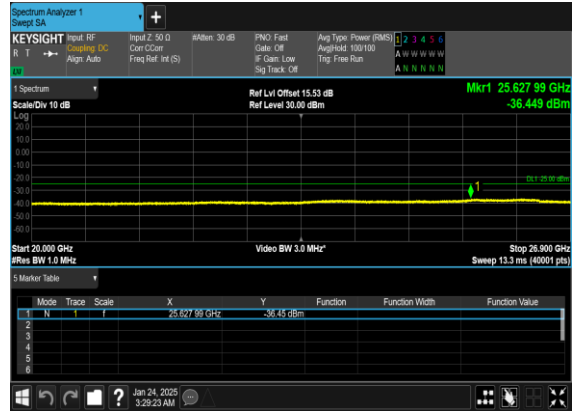




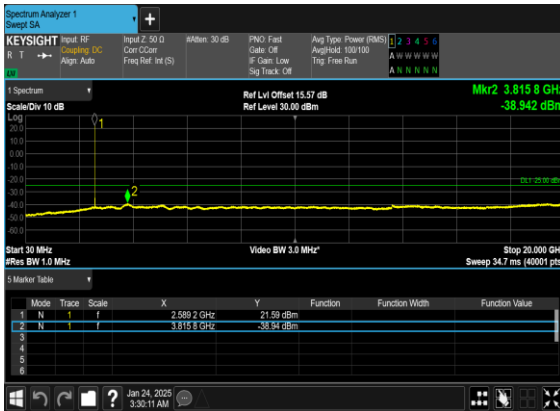
B25_N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



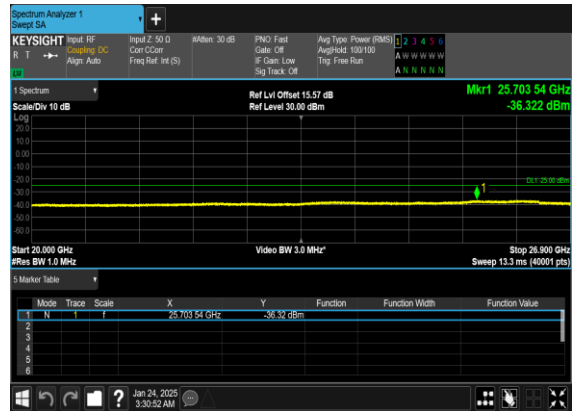
B25_N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B25_N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

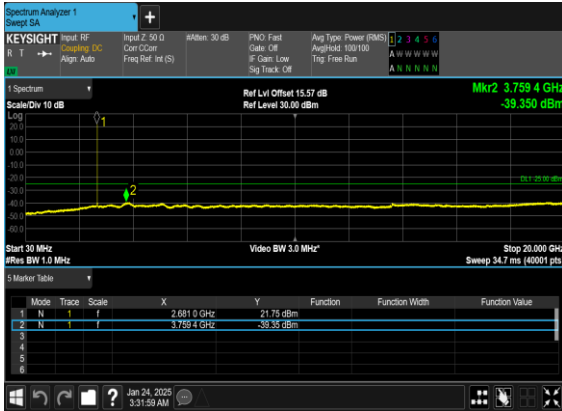


B25_N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

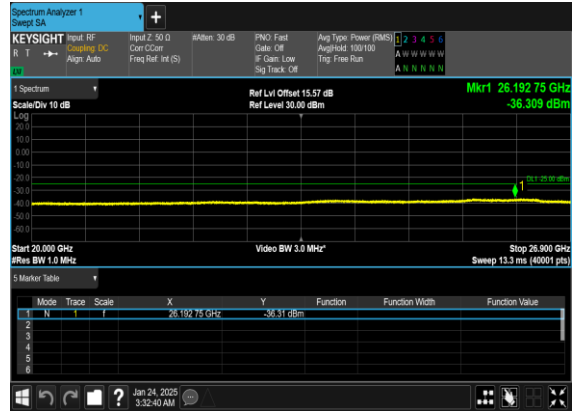




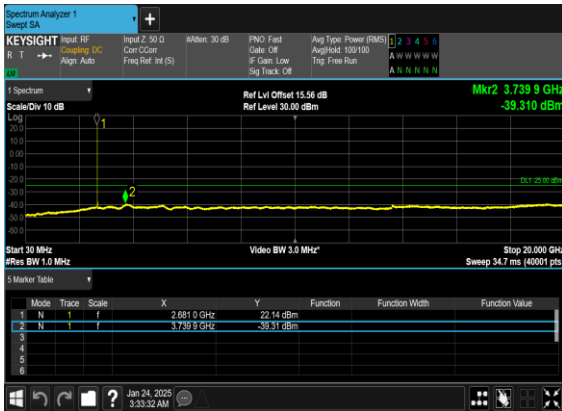
B25_N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



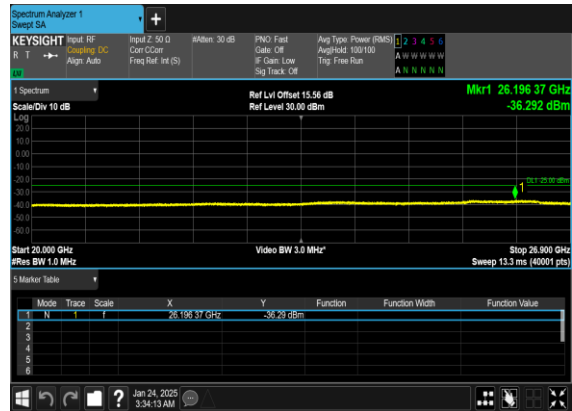
B25_N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B25_N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B25_N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

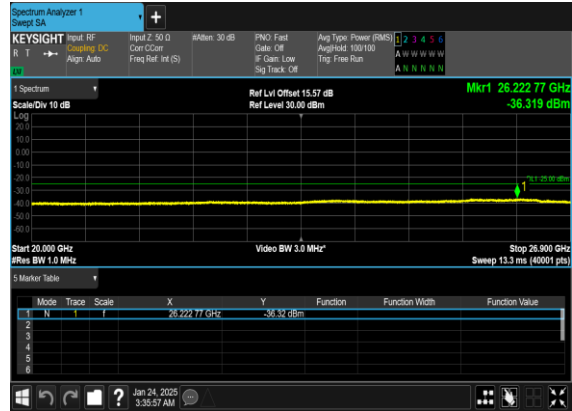




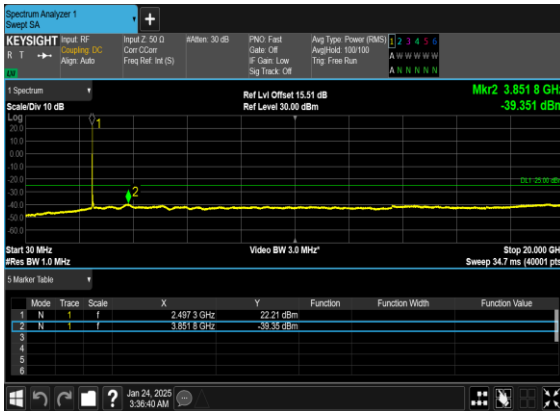
B25_N41(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



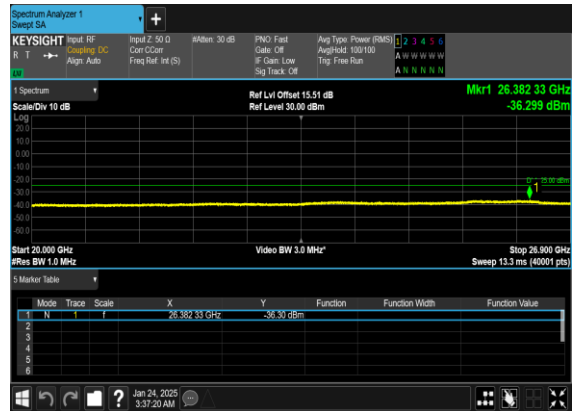
B25_N41(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B25_N41(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B25_N41(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

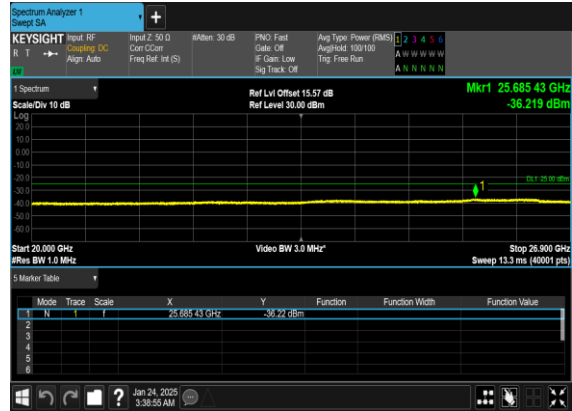




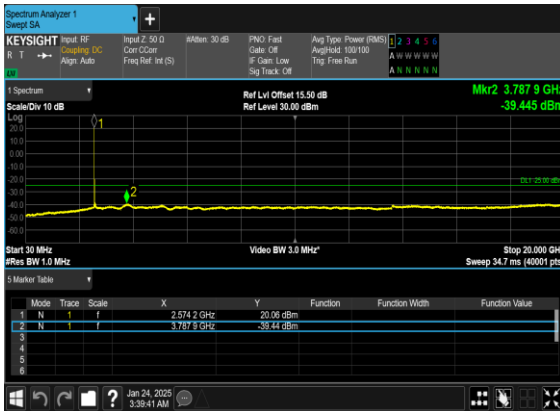
B25_N41(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



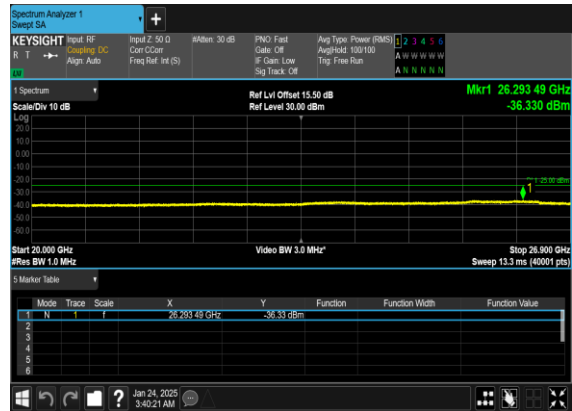
B25_N41(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B25_N41(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B25_N41(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

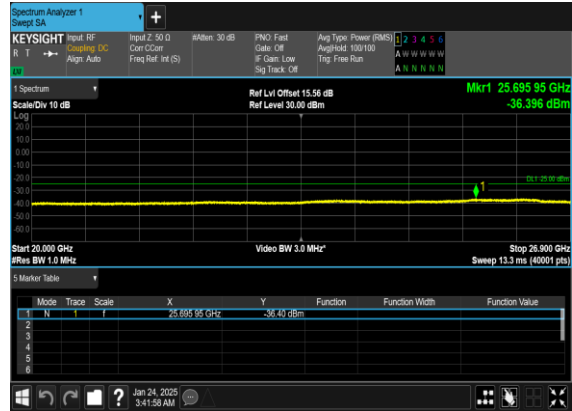




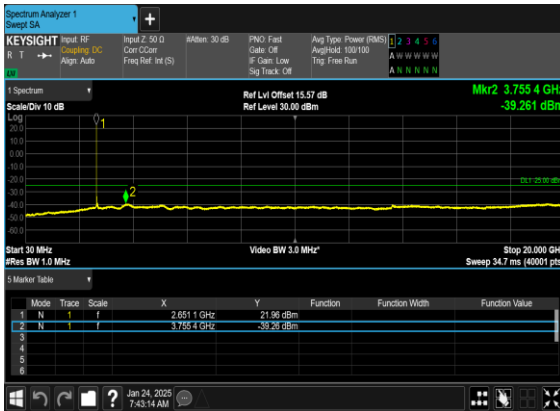
B25_N41(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



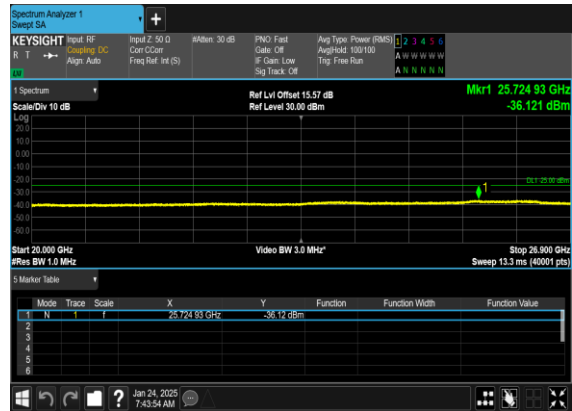
B25_N41(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B25_N41(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

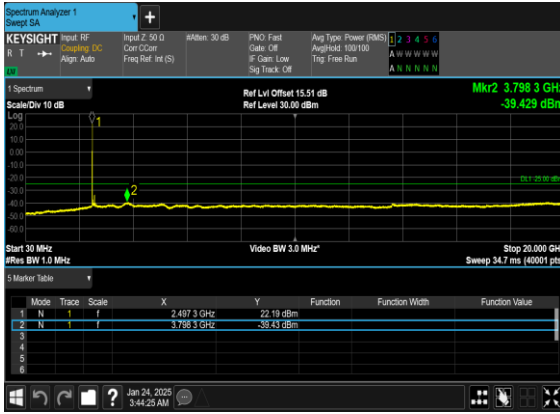


B25_N41(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

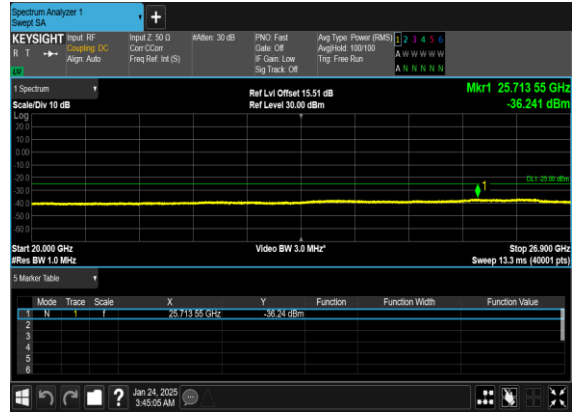




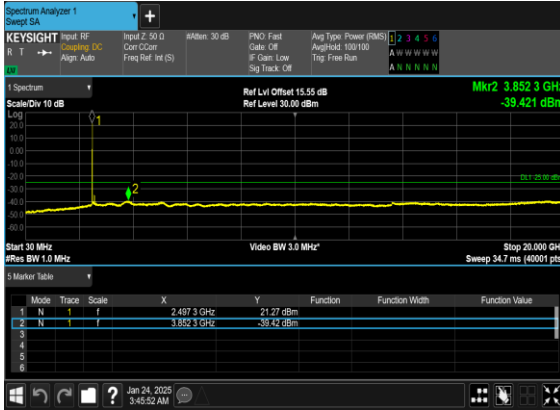
B25_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



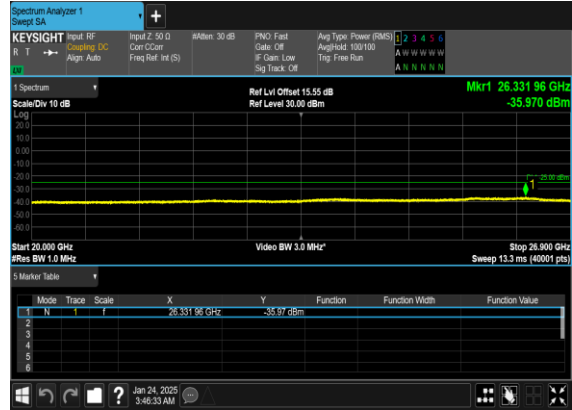
B25_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B25_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B25_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

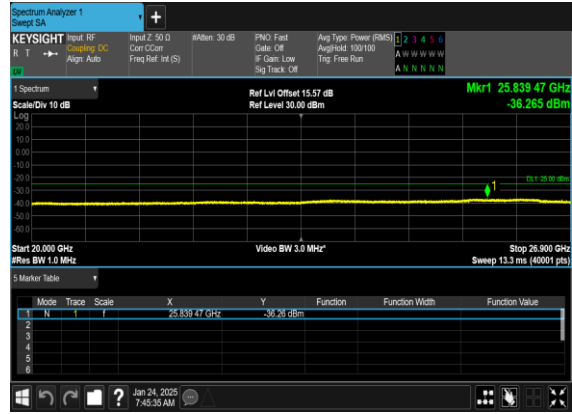




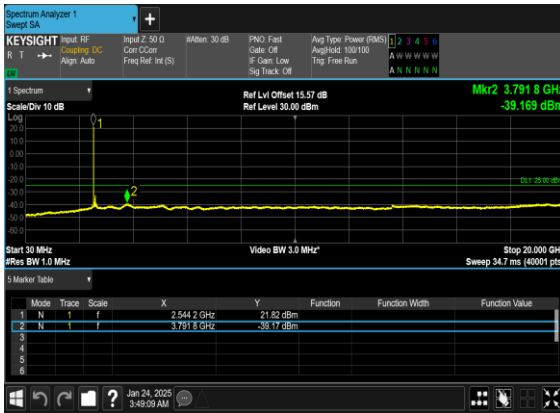
B25_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



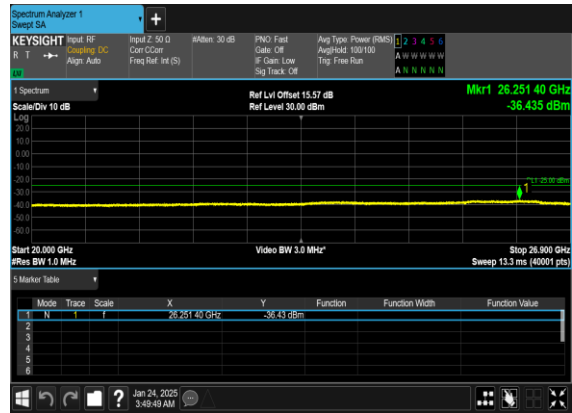
B25_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B25_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B25_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

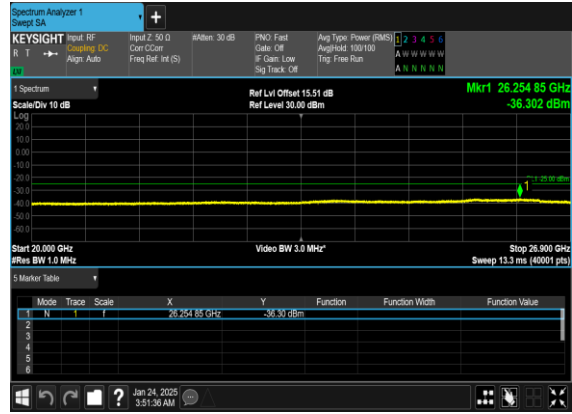




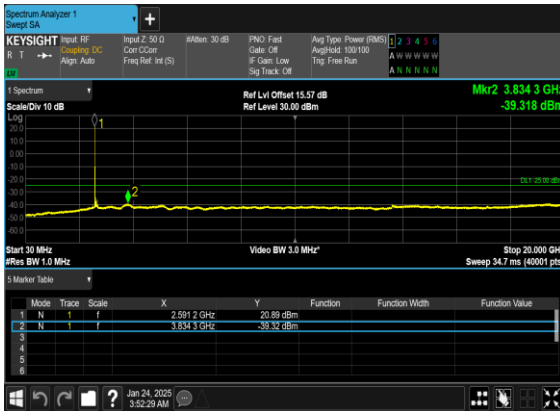
B25_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



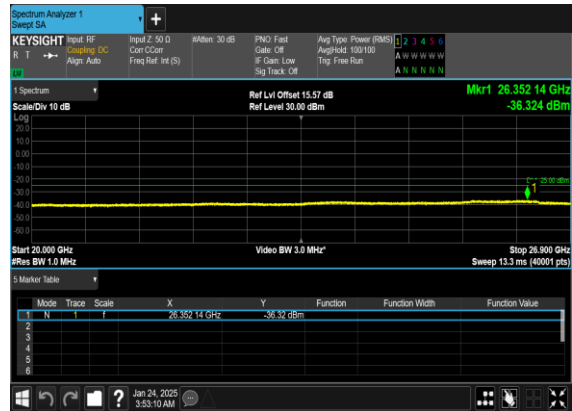
B25_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B25_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B25_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH





Conducted Band Edge

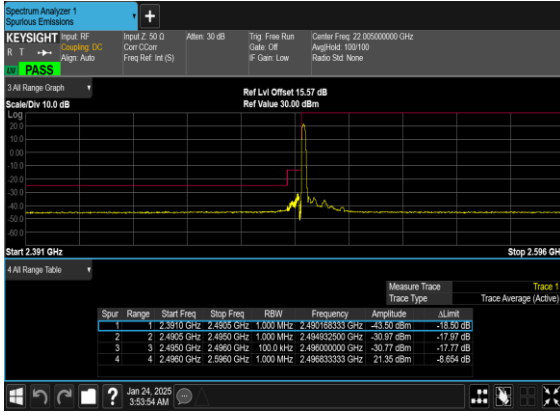
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0	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
41	30	40	503202	2516.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	40	503202	2516.01	DFT-s-OFDM BPSK	100@0	see graph	PASS
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	100@0	see graph	PASS
41	30	40	534000	2670.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
41	30	40	534000	2670.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
41	30	40	534000	2670.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
41	30	40	534000	2670.0	DFT-s-OFDM QPSK	100@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



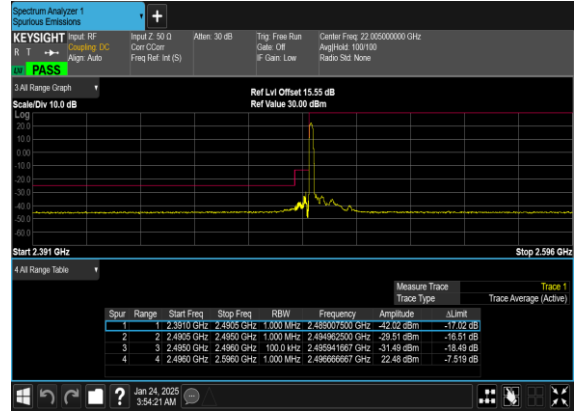
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	PASS



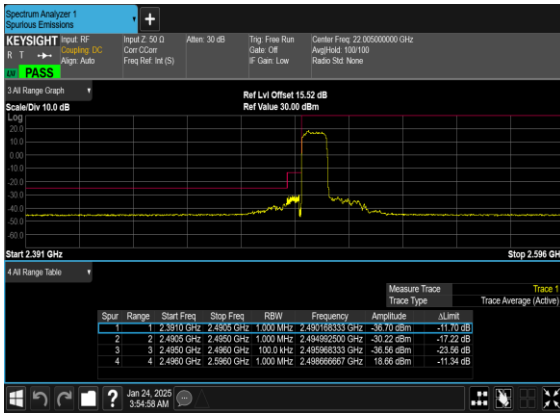
B25_N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



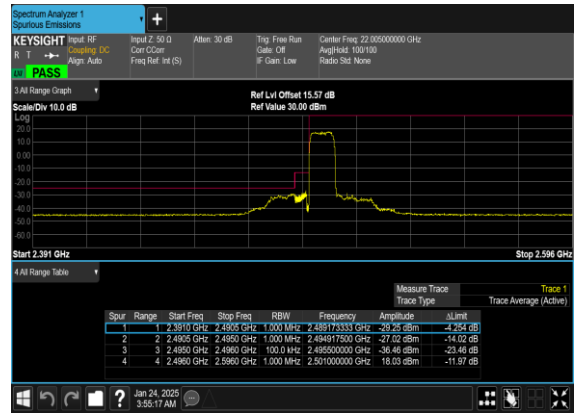
B25_N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B25_N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

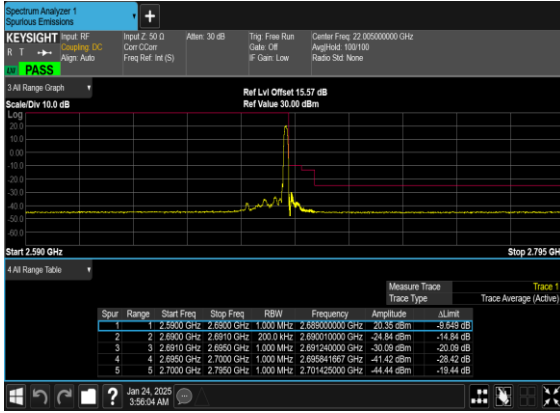


B25_N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

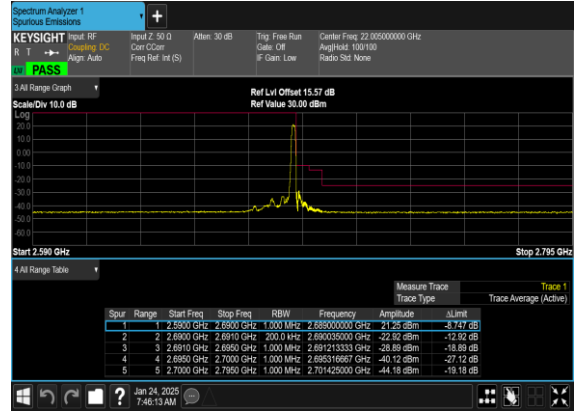




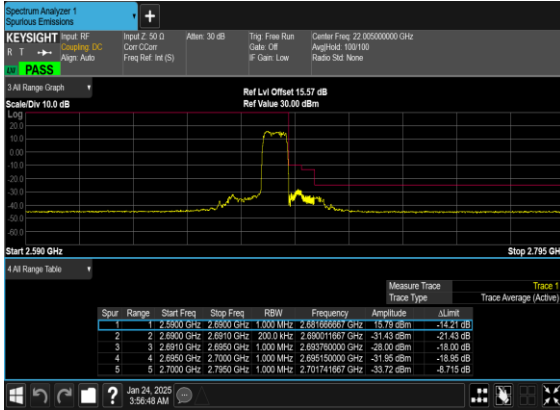
B25_N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



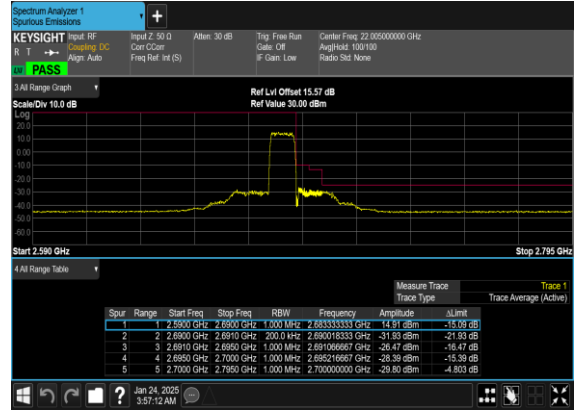
B25_N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B25_N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

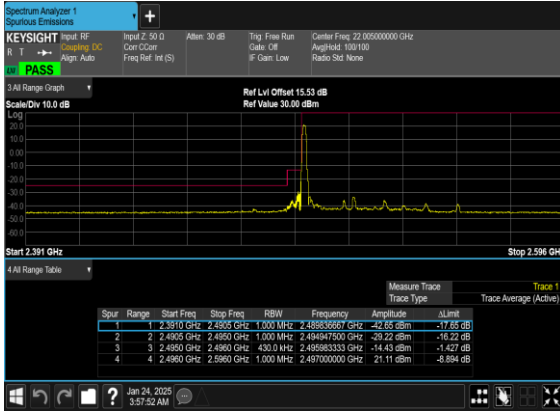


B25_N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

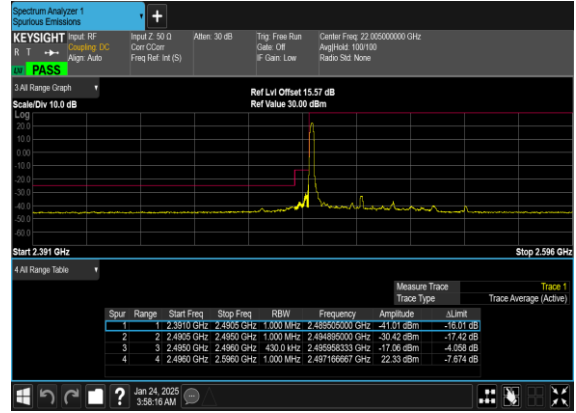




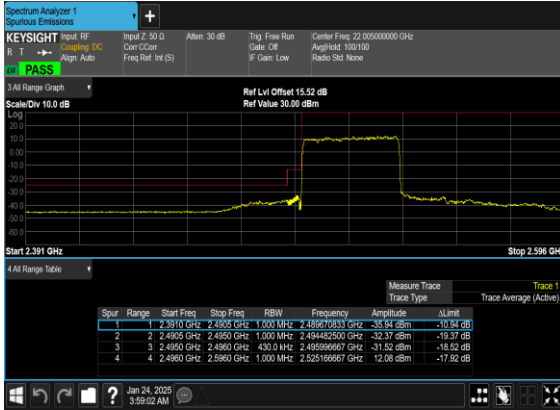
B25_N41(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



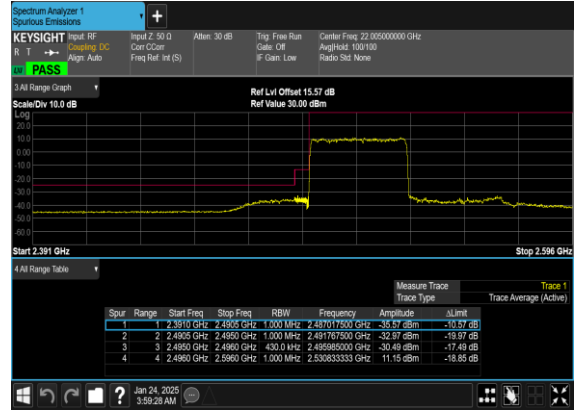
B25_N41(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B25_N41(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

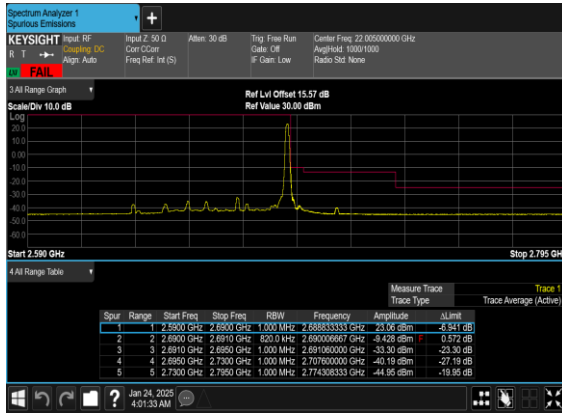


B25_N41(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

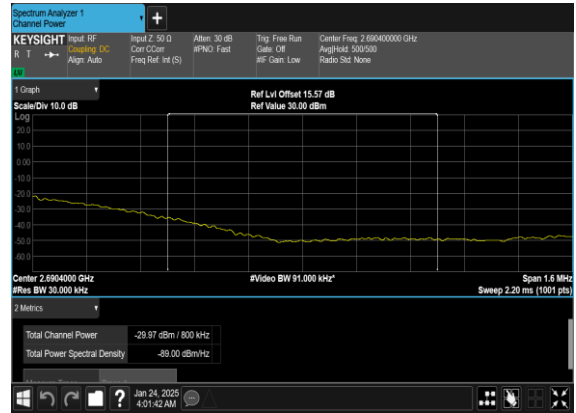




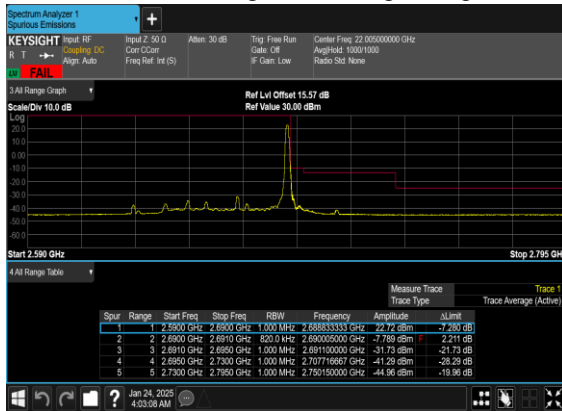
B25_N41(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



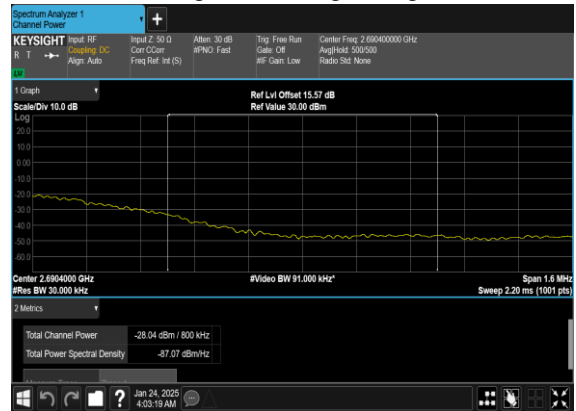
B25_N41(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



B25_N41(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

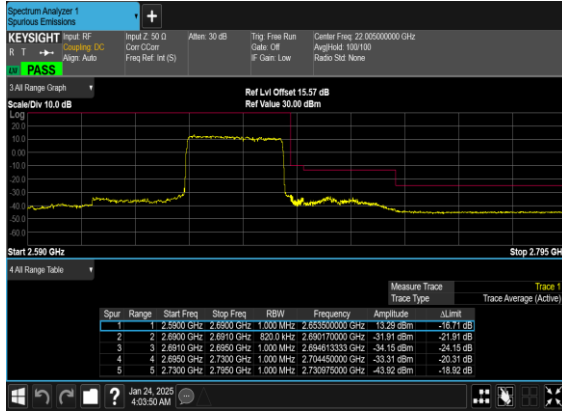


B25_N41(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS

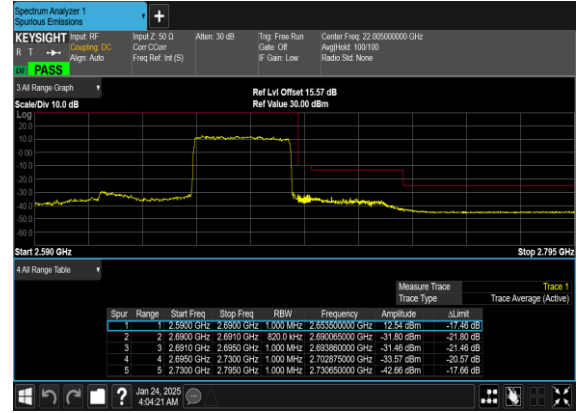




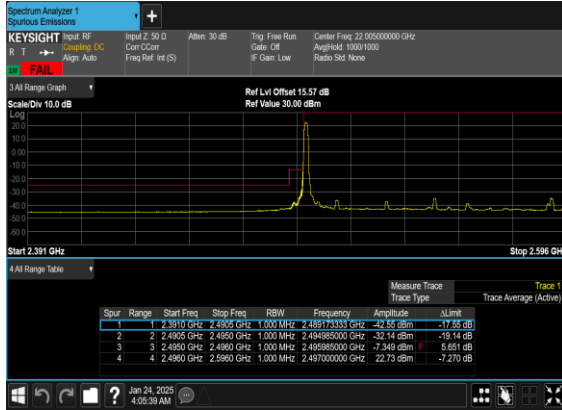
B25_N41(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



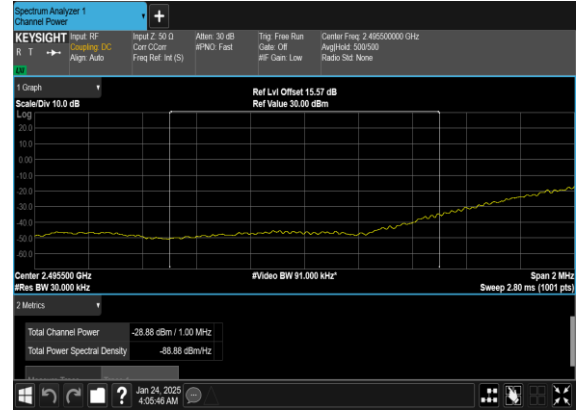
B25_N41(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



B25_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

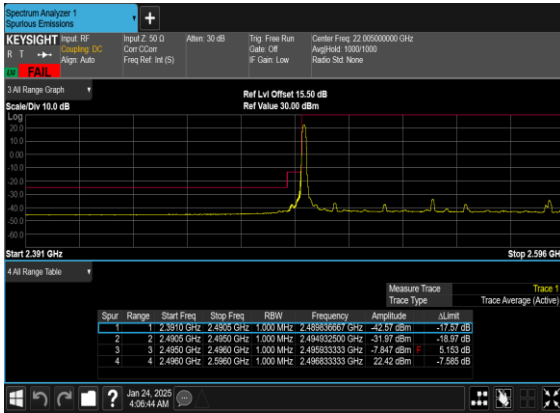


B25_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS

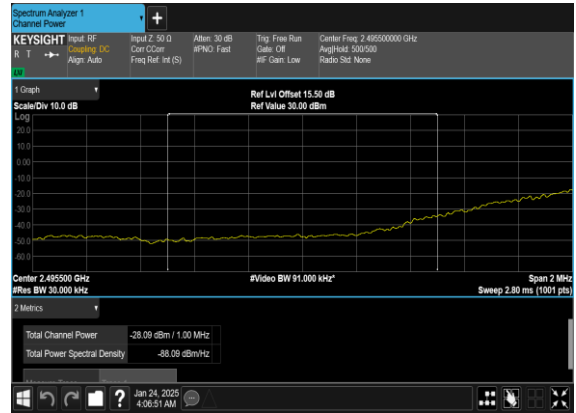




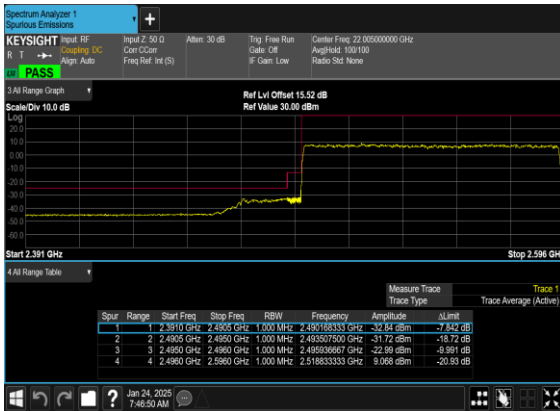
B25_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



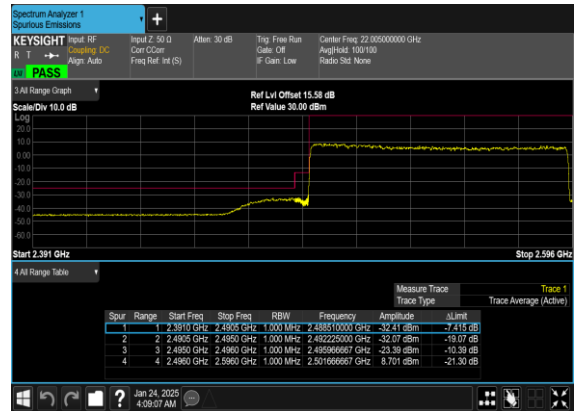
B25_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



B25_N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

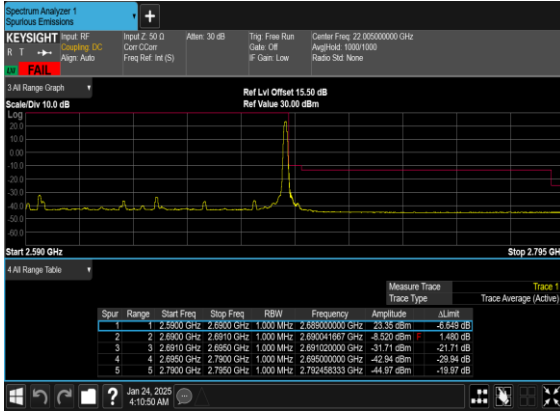


B25_N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

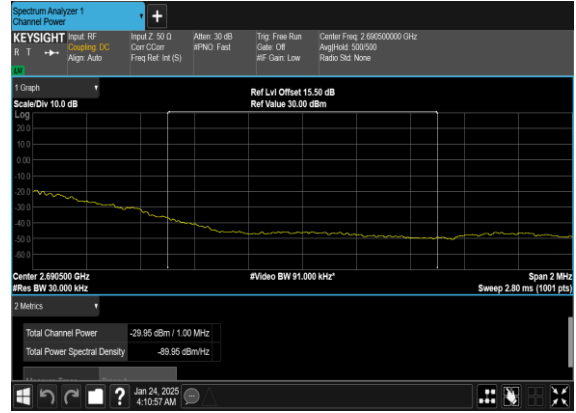




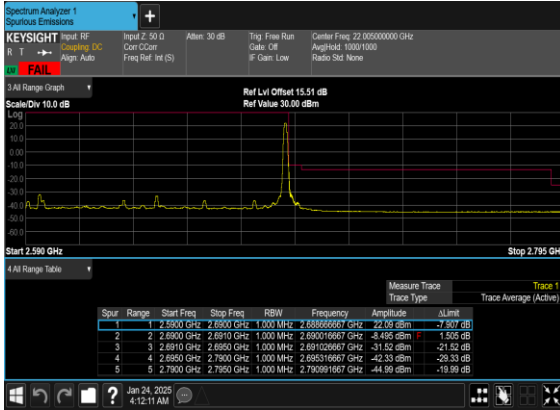
B25_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



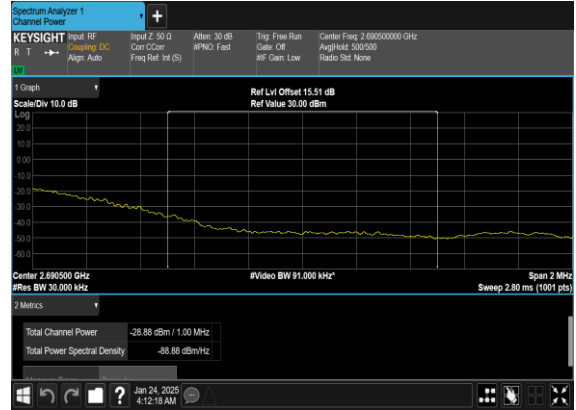
B25_N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



B25_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

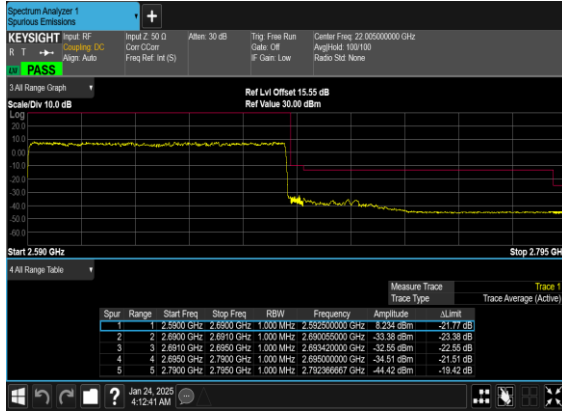


B25_N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS

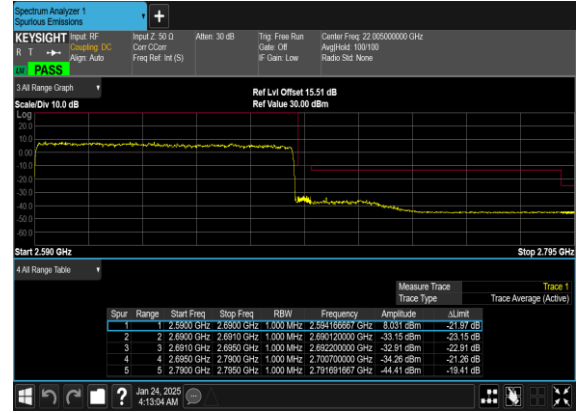




B25_N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B25_N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N41 MIMO-ANT2+ANT1

Transmitter Conducted Output Power And EIRP, (G_T - L_c)=0.95dB

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT2 Power(dBm)	ANT1 Power (dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP(W)
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	12@6	26.14	25.65	28.91	29.86	0.9683
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	25.95	25.44	28.71	29.66	0.9247
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@22	25.95	25.38	28.68	29.63	0.9183
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	12@6	25.18	24.71	27.96	28.91	0.7780
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	25.3	24.49	27.92	28.87	0.7709
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@22	25.25	24.59	27.94	28.89	0.7745
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	12@6	25.87	25.58	28.74	29.69	0.9311
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.68	25.49	28.60	29.55	0.9016
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@22	25.72	25.52	28.63	29.58	0.9078
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	12@6	24.91	24.71	27.82	28.77	0.7534
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.81	24.69	27.76	28.71	0.7430
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@22	25	24.7	27.86	28.81	0.7603
41	30	10	537000	2685	DFT-s-OFDM QPSK	12@6	25.63	25.37	28.51	29.46	0.8831
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	25.49	25.22	28.37	29.32	0.8551
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@22	25.46	25.23	28.36	29.31	0.8531
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	12@6	24.62	24.41	27.53	28.48	0.7047
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	24.76	24.42	27.60	28.55	0.7161
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@22	24.72	24.41	27.58	28.53	0.7129
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	18@9	26.16	25.69	28.94	29.89	0.9750
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	25.96	25.47	28.73	29.68	0.9290
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@36	26	25.54	28.79	29.74	0.9419
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	18@9	25.2	24.7	27.97	28.92	0.7798
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	24.96	24.54	27.77	28.72	0.7447
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@36	25.06	24.7	27.89	28.84	0.7656
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	18@9	25.85	25.57	28.72	29.67	0.9268
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.71	25.51	28.62	29.57	0.9057
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@36	25.82	25.47	28.66	29.61	0.9141
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	18@9	24.86	24.64	27.76	28.71	0.7430
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.87	24.39	27.65	28.6	0.7244
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@36	24.88	24.4	27.66	28.61	0.7261
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	18@9	25.59	25.32	28.47	29.42	0.8750
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	25.46	25.15	28.32	29.27	0.8453



41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@36	25.37	25.17	28.28	29.23	0.8375
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	18@9	24.67	24.35	27.52	28.47	0.7031
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	24.59	24.21	27.41	28.36	0.6855
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@36	24.4	24.32	27.37	28.32	0.6792
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	25@12	26.18	25.72	28.97	29.92	0.9817
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	25.97	25.49	28.75	29.7	0.9333
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@49	25.96	25.56	28.77	29.72	0.9376
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	25@12	25.25	24.79	28.04	28.99	0.7925
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	24.99	24.54	27.78	28.73	0.7464
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@49	25.07	24.67	27.88	28.83	0.7638
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	25@12	25.84	25.57	28.72	29.67	0.9268
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.74	25.51	28.64	29.59	0.9099
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@49	25.8	25.47	28.65	29.6	0.9120
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	25@12	24.87	24.63	27.76	28.71	0.7430
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.9	24.65	27.79	28.74	0.7482
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@49	24.96	24.5	27.75	28.7	0.7413
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	25@12	25.66	25.32	28.50	29.45	0.8810
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	25.49	25.11	28.31	29.26	0.8433
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@49	25.44	25.33	28.40	29.35	0.8610
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	25@12	24.68	24.35	27.53	28.48	0.7047
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	24.69	24.17	27.45	28.4	0.6918
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@49	24.56	24.43	27.51	28.46	0.7015
41	30	25	501702	2508.51	DFT-s-OFDM QPSK	32@16	26.08	25.55	28.83	29.78	0.9506
41	30	25	501702	2508.51	DFT-s-OFDM QPSK	1@1	25.98	25.51	28.76	29.71	0.9354
41	30	25	501702	2508.51	DFT-s-OFDM QPSK	1@63	25.9	25.5	28.71	29.66	0.9247
41	30	25	501702	2508.51	DFT-s-OFDM 16 QAM	32@16	25.14	24.65	27.91	28.86	0.7691
41	30	25	501702	2508.51	DFT-s-OFDM 16 QAM	1@1	25.16	24.57	27.89	28.84	0.7656
41	30	25	501702	2508.51	DFT-s-OFDM 16 QAM	1@63	25.05	24.54	27.81	28.76	0.7516
41	30	25	518598	2592.99	DFT-s-OFDM QPSK	32@16	25.75	25.49	28.63	29.58	0.9078
41	30	25	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.73	25.41	28.58	29.53	0.8974
41	30	25	518598	2592.99	DFT-s-OFDM QPSK	1@63	25.72	25.32	28.53	29.48	0.8872
41	30	25	518598	2592.99	DFT-s-OFDM 16 QAM	32@16	24.86	24.52	27.70	28.65	0.7328
41	30	25	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.83	24.62	27.74	28.69	0.7396
41	30	25	518598	2592.99	DFT-s-OFDM 16 QAM	1@63	24.82	24.56	27.70	28.65	0.7328
41	30	25	535500	2677.5	DFT-s-OFDM QPSK	32@16	25.53	25.17	28.36	29.31	0.8531
41	30	25	535500	2677.5	DFT-s-OFDM QPSK	1@1	25.51	25.08	28.31	29.26	0.8433
41	30	25	535500	2677.5	DFT-s-OFDM QPSK	1@63	25.44	25.27	28.37	29.32	0.8551
41	30	25	535500	2677.5	DFT-s-OFDM 16 QAM	32@16	24.56	24.19	27.39	28.34	0.6823
41	30	25	535500	2677.5	DFT-s-OFDM 16 QAM	1@1	24.69	24.15	27.44	28.39	0.6902
41	30	25	535500	2677.5	DFT-s-OFDM 16 QAM	1@63	24.62	24.32	27.48	28.43	0.6966
41	30	30	502200	2511	DFT-s-OFDM QPSK	36@18	26.14	25.67	28.92	29.87	0.9705
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	26.08	25.63	28.87	29.82	0.9594



41	30	30	502200	2511	DFT-s-OFDM QPSK	1@76	25.94	25.53	28.75	29.7	0.9333
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	36@18	25.17	24.68	27.94	28.89	0.7745
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	25.25	24.59	27.94	28.89	0.7745
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@76	24.98	24.66	27.83	28.78	0.7551
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	36@18	25.83	25.52	28.69	29.64	0.9204
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.78	25.48	28.64	29.59	0.9099
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@76	25.69	25.29	28.50	29.45	0.8810
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	36@18	24.82	24.51	27.68	28.63	0.7295
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.92	24.59	27.77	28.72	0.7447
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@76	24.68	24.46	27.58	28.53	0.7129
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	36@18	25.56	25.14	28.37	29.32	0.8551
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	25.43	24.99	28.23	29.18	0.8279
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@76	25.32	25.09	28.22	29.17	0.8260
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	36@18	24.49	24.09	27.30	28.25	0.6683
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	24.55	23.98	27.28	28.23	0.6653
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@76	24.48	24.18	27.34	28.29	0.6745
41	30	35	502704	2513.52	DFT-s-OFDM QPSK	45@22	26.11	25.66	28.90	29.85	0.9661
41	30	35	502704	2513.52	DFT-s-OFDM QPSK	1@1	26.04	25.57	28.82	29.77	0.9484
41	30	35	502704	2513.52	DFT-s-OFDM QPSK	1@90	25.79	25.52	28.67	29.62	0.9162
41	30	35	502704	2513.52	DFT-s-OFDM 16 QAM	45@22	25.03	24.56	27.81	28.76	0.7516
41	30	35	502704	2513.52	DFT-s-OFDM 16 QAM	1@1	25.15	24.71	27.95	28.9	0.7762
41	30	35	502704	2513.52	DFT-s-OFDM 16 QAM	1@90	24.89	24.64	27.78	28.73	0.7464
41	30	35	518598	2592.99	DFT-s-OFDM QPSK	45@22	25.84	25.54	28.70	29.65	0.9226
41	30	35	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.72	25.45	28.60	29.55	0.9016
41	30	35	518598	2592.99	DFT-s-OFDM QPSK	1@90	25.68	25.33	28.52	29.47	0.8851
41	30	35	518598	2592.99	DFT-s-OFDM 16 QAM	45@22	24.74	24.47	27.62	28.57	0.7194
41	30	35	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.85	24.46	27.67	28.62	0.7278
41	30	35	518598	2592.99	DFT-s-OFDM 16 QAM	1@90	24.87	24.26	27.59	28.54	0.7145
41	30	35	534498	2672.49	DFT-s-OFDM QPSK	45@22	25.56	25.2	28.39	29.34	0.8590
41	30	35	534498	2672.49	DFT-s-OFDM QPSK	1@1	25.32	24.86	28.11	29.06	0.8054
41	30	35	534498	2672.49	DFT-s-OFDM QPSK	1@90	25.34	25.11	28.24	29.19	0.8299
41	30	35	534498	2672.49	DFT-s-OFDM 16 QAM	45@22	24.47	24.11	27.30	28.25	0.6683
41	30	35	534498	2672.49	DFT-s-OFDM 16 QAM	1@1	24.41	23.98	27.21	28.16	0.6546
41	30	35	534498	2672.49	DFT-s-OFDM 16 QAM	1@90	24.29	24.11	27.21	28.16	0.6546
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	50@25	26.12	25.66	28.91	29.86	0.9683
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	25.96	25.49	28.74	29.69	0.9311
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@104	25.72	25.48	28.61	29.56	0.9036
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	50@25	25.03	24.64	27.85	28.8	0.7586
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	25.08	24.59	27.85	28.8	0.7586
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@104	24.94	24.57	27.77	28.72	0.7447
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	50@25	25.84	25.5	28.68	29.63	0.9183
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.7	25.39	28.56	29.51	0.8933



41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@104	25.68	25.32	28.51	29.46	0.8831
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	50@25	24.77	24.45	27.62	28.57	0.7194
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.77	24.53	27.66	28.61	0.7261
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@104	24.78	24.32	27.57	28.52	0.7112
41	30	40	534000	2670	DFT-s-OFDM QPSK	50@25	25.61	25.16	28.40	29.35	0.8610
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	25.37	25.04	28.22	29.17	0.8260
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@104	25.33	25.07	28.21	29.16	0.8241
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	50@25	24.56	24.09	27.34	28.29	0.6745
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	24.53	23.97	27.27	28.22	0.6637
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@104	24.53	24.2	27.38	28.33	0.6808
41	30	45	503700	2518.5	DFT-s-OFDM QPSK	54@27	25.91	25.71	28.82	29.77	0.9484
41	30	45	503700	2518.5	DFT-s-OFDM QPSK	1@1	25.84	25.59	28.73	29.68	0.9290
41	30	45	503700	2518.5	DFT-s-OFDM QPSK	1@117	25.6	25.61	28.62	29.57	0.9057
41	30	45	503700	2518.5	DFT-s-OFDM 16 QAM	54@27	25.01	24.71	27.87	28.82	0.7621
41	30	45	503700	2518.5	DFT-s-OFDM 16 QAM	1@1	24.79	24.73	27.77	28.72	0.7447
41	30	45	503700	2518.5	DFT-s-OFDM 16 QAM	1@117	24.69	24.74	27.73	28.68	0.7379
41	30	45	518598	2592.99	DFT-s-OFDM QPSK	54@27	25.62	25.65	28.65	29.6	0.9120
41	30	45	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.62	25.46	28.55	29.5	0.8913
41	30	45	518598	2592.99	DFT-s-OFDM QPSK	1@117	25.53	25.57	28.56	29.51	0.8933
41	30	45	518598	2592.99	DFT-s-OFDM 16 QAM	54@27	24.67	24.7	27.70	28.65	0.7328
41	30	45	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.76	24.68	27.73	28.68	0.7379
41	30	45	518598	2592.99	DFT-s-OFDM 16 QAM	1@117	24.7	24.51	27.62	28.57	0.7194
41	30	45	533496	2667.48	DFT-s-OFDM QPSK	54@27	25.39	25.44	28.43	29.38	0.8670
41	30	45	533496	2667.48	DFT-s-OFDM QPSK	1@1	25.23	25.22	28.24	29.19	0.8299
41	30	45	533496	2667.48	DFT-s-OFDM QPSK	1@117	25.2	25.38	28.30	29.25	0.8414
41	30	45	533496	2667.48	DFT-s-OFDM 16 QAM	54@27	24.47	24.49	27.49	28.44	0.6982
41	30	45	533496	2667.48	DFT-s-OFDM 16 QAM	1@1	24.48	24.42	27.46	28.41	0.6934
41	30	45	533496	2667.48	DFT-s-OFDM 16 QAM	1@117	24.41	24.53	27.48	28.43	0.6966
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	64@32	26.06	25.68	28.88	29.83	0.9616
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	25.86	25.36	28.63	29.58	0.9078
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@131	25.65	25.39	28.53	29.48	0.8872
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	64@32	24.97	24.6	27.80	28.75	0.7499
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	25.1	24.53	27.83	28.78	0.7551
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@131	24.73	24.63	27.69	28.64	0.7311
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	64@32	25.85	25.52	28.70	29.65	0.9226
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.68	25.27	28.49	29.44	0.8790
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@131	25.6	25.23	28.43	29.38	0.8670
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	64@32	24.67	24.38	27.54	28.49	0.7063
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.7	24.3	27.51	28.46	0.7015
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@131	24.78	24.35	27.58	28.53	0.7129
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	64@32	25.62	25.11	28.38	29.33	0.8570
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	25.28	25.04	28.17	29.12	0.8166



41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@131	25.25	24.98	28.13	29.08	0.8091
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	64@32	24.43	23.96	27.21	28.16	0.6546
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	24.32	23.85	27.10	28.05	0.6383
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@131	24.48	24.04	27.28	28.23	0.6653
41	30	60	505200	2526	DFT-s-OFDM QPSK	81@40	25.88	25.54	28.72	29.67	0.9268
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	25.82	25.4	28.63	29.58	0.9078
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@160	25.6	25.36	28.49	29.44	0.8790
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	81@40	24.87	24.48	27.69	28.64	0.7311
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	25.07	24.34	27.73	28.68	0.7379
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@160	24.61	24.44	27.54	28.49	0.7063
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	81@40	25.72	25.38	28.56	29.51	0.8933
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.55	25.2	28.39	29.34	0.8590
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@160	25.5	25.11	28.32	29.27	0.8453
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	81@40	24.63	24.31	27.48	28.43	0.6966
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.69	24.1	27.42	28.37	0.6871
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@160	24.57	24.26	27.43	28.38	0.6887
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	81@40	25.51	25.03	28.29	29.24	0.8395
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.3	25.02	28.17	29.12	0.8166
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@160	25.25	24.99	28.13	29.08	0.8091
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	81@40	24.43	23.96	27.21	28.16	0.6546
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	24.39	24.1	27.26	28.21	0.6622
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@160	24.41	24.07	27.25	28.2	0.6607
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	90@45	26.2	25.77	29.00	29.95	0.9886
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	25.95	25.6	28.79	29.74	0.9419
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@187	25.64	25.45	28.56	29.51	0.8933
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	90@45	25.11	24.63	27.89	28.84	0.7656
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	25.11	24.63	27.89	28.84	0.7656
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@187	24.73	24.52	27.64	28.59	0.7228
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	90@45	25.92	25.63	28.79	29.74	0.9419
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.74	25.36	28.56	29.51	0.8933
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@187	25.7	25.22	28.48	29.43	0.8770
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	90@45	24.8	24.52	27.67	28.62	0.7278
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.84	24.37	27.62	28.57	0.7194
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@187	24.79	24.35	27.59	28.54	0.7145
41	30	70	531996	2655	DFT-s-OFDM QPSK	90@45	25.79	25.39	28.60	29.55	0.9016
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	25.5	25.11	28.32	29.27	0.8453
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@187	25.53	25.2	28.38	29.33	0.8570
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	90@45	24.7	24.3	27.51	28.46	0.7015
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	24.62	24.16	27.41	28.36	0.6855
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@187	24.65	24.1	27.39	28.34	0.6823
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	108@54	26.1	25.81	28.97	29.92	0.9817
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	26.04	25.64	28.85	29.8	0.9550



41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@215	25.62	25.51	28.58	29.53	0.8974
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	108@54	25.05	24.68	27.88	28.83	0.7638
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	25.18	24.88	28.04	28.99	0.7925
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@215	24.73	24.75	27.75	28.7	0.7413
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	108@54	25.93	25.6	28.78	29.73	0.9397
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.77	25.35	28.58	29.53	0.8974
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@215	25.69	25.3	28.51	29.46	0.8831
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	108@54	24.77	24.47	27.63	28.58	0.7211
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.95	24.55	27.76	28.71	0.7430
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@215	24.87	24.48	27.69	28.64	0.7311
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	108@54	25.78	25.39	28.60	29.55	0.9016
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	25.46	25.17	28.33	29.28	0.8472
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@215	25.6	25.21	28.42	29.37	0.8650
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	108@54	24.84	24.59	27.73	28.68	0.7379
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	24.79	24.48	27.65	28.6	0.7244
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@215	25.01	24.4	27.73	28.68	0.7379
41	30	90	508200	2541	DFT-s-OFDM QPSK	120@60	26.21	25.92	29.08	30.03	1.0069
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	26.19	25.69	28.96	29.91	0.9795
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@243	25.87	25.73	28.81	29.76	0.9462
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	120@60	25.23	24.9	28.08	29.03	0.7998
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	25.32	24.9	28.13	29.08	0.8091
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@243	24.94	24.97	27.97	28.92	0.7798
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	120@60	26	25.72	28.87	29.82	0.9594
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.87	25.51	28.70	29.65	0.9226
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@243	25.91	25.5	28.72	29.67	0.9268
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	120@60	25	24.74	27.88	28.83	0.7638
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.16	24.71	27.95	28.9	0.7762
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@243	25.01	24.63	27.83	28.78	0.7551
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	120@60	25.87	25.53	28.71	29.66	0.9247
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	25.6	25.37	28.50	29.45	0.8810
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@243	25.73	25.32	28.54	29.49	0.8892
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	120@60	24.93	24.52	27.74	28.69	0.7396
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	24.67	24.49	27.59	28.54	0.7145
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@243	24.84	24.6	27.73	28.68	0.7379
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	26.15	25.8	28.99	29.94	0.9863
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	26.33	25.81	29.09	30.04	1.0093
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	25.85	25.71	28.79	29.74	0.9419
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	26.16	25.8	28.99	29.94	0.9863
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	26.11	25.73	28.93	29.88	0.9727
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	25.75	25.6	28.69	29.64	0.9204
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	25.17	24.84	28.02	28.97	0.7889
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	25.26	24.88	28.08	29.03	0.7998



41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	24.92	24.67	27.81	28.76	0.7516
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	23.28	22.86	26.09	27.04	0.5058
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	23.38	22.85	26.13	27.08	0.5105
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	23.1	22.97	26.05	27	0.5012
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	20.34	19.95	23.16	24.11	0.2576
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	20.28	19.79	23.05	24	0.2512
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	19.96	19.69	22.84	23.79	0.2393
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	24.69	24.34	27.53	28.48	0.7047
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	24.7	24.16	27.45	28.4	0.6918
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	24.39	24.23	27.32	28.27	0.6714
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	25.93	25.66	28.81	29.76	0.9462
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.01	25.65	28.84	29.79	0.9528
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	25.94	25.54	28.75	29.7	0.9333
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.9	25.63	28.78	29.73	0.9397
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.92	25.59	28.77	29.72	0.9376
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	25.86	25.45	28.67	29.62	0.9162
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	24.91	24.65	27.79	28.74	0.7482
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.99	24.71	27.86	28.81	0.7603
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	25.02	24.52	27.79	28.74	0.7482
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	23	22.68	25.85	26.8	0.4786
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.16	22.82	26.00	26.95	0.4955
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	23.18	22.74	25.98	26.93	0.4932
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	20.11	19.78	22.96	23.91	0.2460
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.02	19.58	22.82	23.77	0.2382
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	20.11	19.55	22.85	23.8	0.2399
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	24.38	24.19	27.30	28.25	0.6683
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	24.42	24.04	27.24	28.19	0.6592
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	24.41	24.01	27.22	28.17	0.6561
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	25.83	25.48	28.67	29.62	0.9162
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	25.66	25.54	28.61	29.56	0.9036
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	25.79	25.37	28.60	29.55	0.9016
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	25.77	25.46	28.63	29.58	0.9078
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	25.52	25.49	28.52	29.47	0.8851
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	25.7	25.43	28.58	29.53	0.8974
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	24.88	24.48	27.69	28.64	0.7311
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	24.68	24.54	27.62	28.57	0.7194
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	24.85	24.6	27.74	28.69	0.7396
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	22.95	22.55	25.76	26.71	0.4688
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	22.78	22.77	25.79	26.74	0.4721
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	23.07	22.66	25.88	26.83	0.4819
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	20.14	19.61	22.89	23.84	0.2421
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	19.79	19.53	22.67	23.62	0.2301



41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	20.02	19.53	22.79	23.74	0.2366
41	30	100	528000	2640	CP-OFDM QPSK	137@68	24.36	23.99	27.19	28.14	0.6516
41	30	100	528000	2640	CP-OFDM QPSK	1@1	24.11	23.92	27.03	27.98	0.6281
41	30	100	528000	2640	CP-OFDM QPSK	1@271	24.32	23.98	27.16	28.11	0.6471



FR1 N41 MIMO-ANT1

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	12.5	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	18.9	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	14.2	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	19.4	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.2	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	12.7	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	11.3	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.8	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	12.5	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	12	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	15.9	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	14.1	PASS	50°C

|MAX(Δf)| = 19.4Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	2496.869181	$\geq 2496 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	2688.741219	$\leq 2690 \text{ MHz}$	



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	4.19	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	5.3	13	PASS

N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH





Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.5634	9.18
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.565	9.155
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5619	9.065
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5809	9.195
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.563	14.33
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.587	14.27
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.563	14.18
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.601	14.2
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.173	18.9
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.22	18.99
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.207	18.81
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.193	19.02
41	30	25	518598	2592.99	CP-OFDM QPSK	65@0	23.209	24.24
41	30	25	518598	2592.99	CP-OFDM 16 QAM	65@0	23.241	24.14
41	30	25	518598	2592.99	CP-OFDM 64 QAM	65@0	23.244	24.2
41	30	25	518598	2592.99	CP-OFDM 256 QAM	65@0	23.266	24.1
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.799	28.91
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.778	29.03
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.775	28.92
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.885	28.91
41	30	35	518598	2592.99	CP-OFDM QPSK	92@0	32.95	33.88
41	30	35	518598	2592.99	CP-OFDM 16 QAM	92@0	32.866	34.15



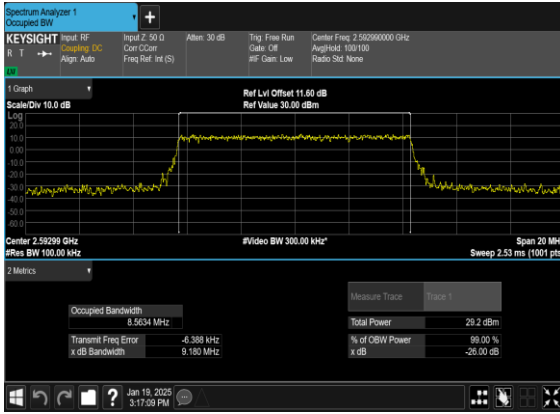
41	30	35	518598	2592.99	CP-OFDM 64 QAM	92@0	32.895	34.26
41	30	35	518598	2592.99	CP-OFDM 256 QAM	92@0	32.886	34.12
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.793	39.24
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.826	39.2
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.814	39.31
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.763	39.17
41	30	45	518598	2592.99	CP-OFDM QPSK	119@0	42.464	43.87
41	30	45	518598	2592.99	CP-OFDM 16 QAM	119@0	42.533	43.88
41	30	45	518598	2592.99	CP-OFDM 64 QAM	119@0	42.486	43.81
41	30	45	518598	2592.99	CP-OFDM 256 QAM	119@0	42.488	43.85
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.48	49.01
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.533	48.96
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.456	49.15
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.407	49.1
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.781	59.72
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.675	59.63
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.708	59.77
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.753	59.76
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.553	69.74
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.411	69.67
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.581	69.7
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.447	69.72
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.481	79.98
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.611	79.91
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.587	79.93



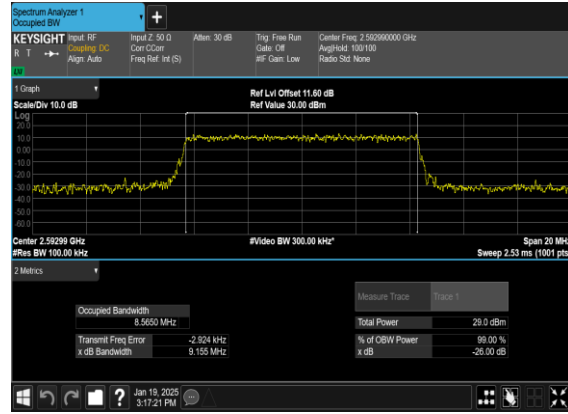
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.666	80.07
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.358	90.36
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.537	90.15
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.502	90.2
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.677	90.26
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.523	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.641	100.6
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.49	100.5
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.517	100.5



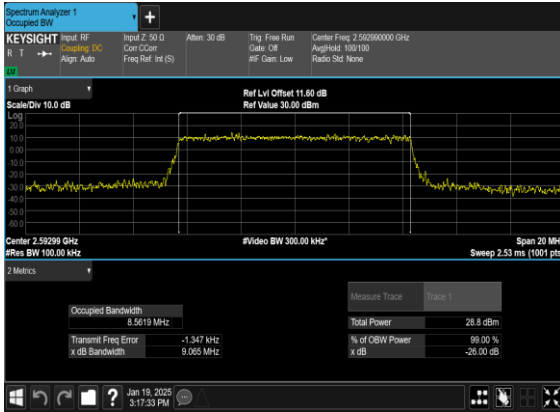
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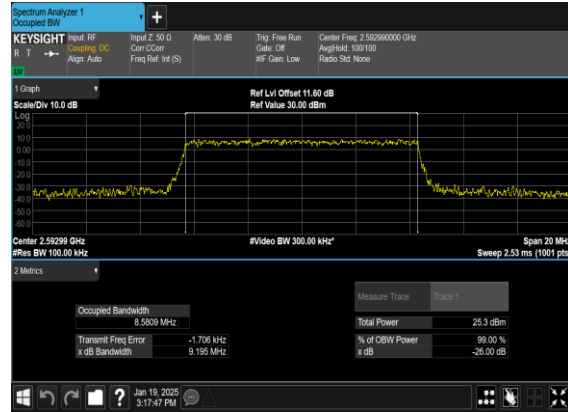
N41(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

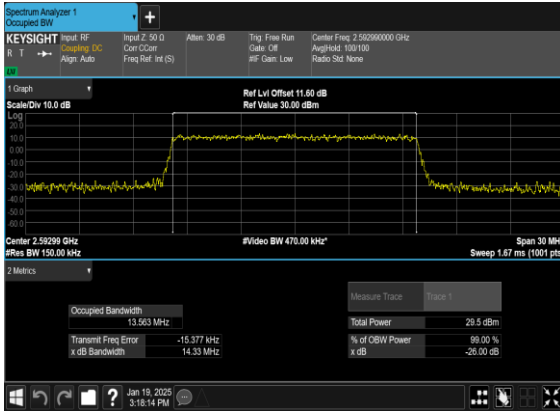


N41(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

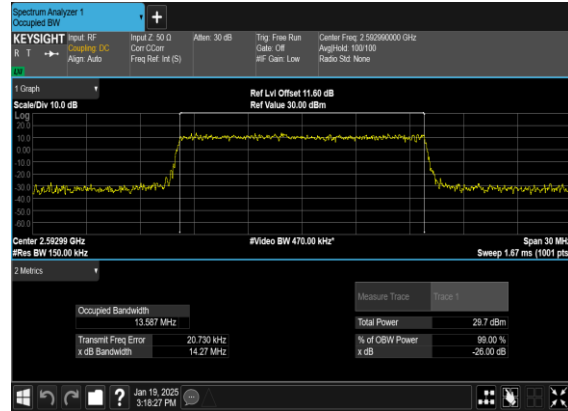




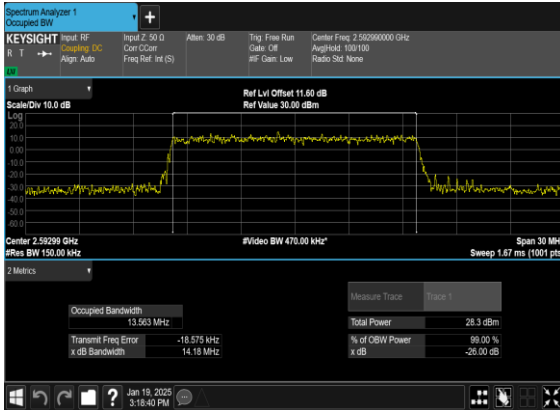
N41(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N41(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N41(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

