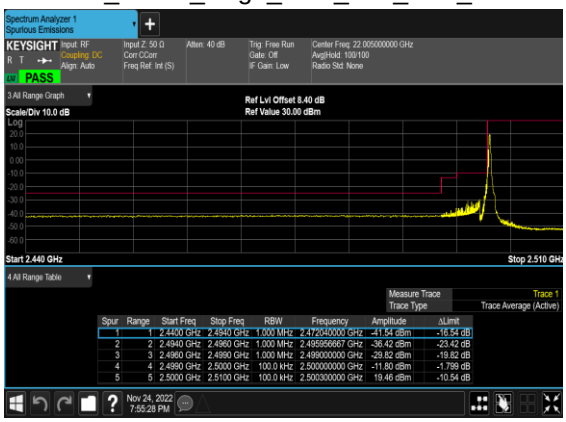
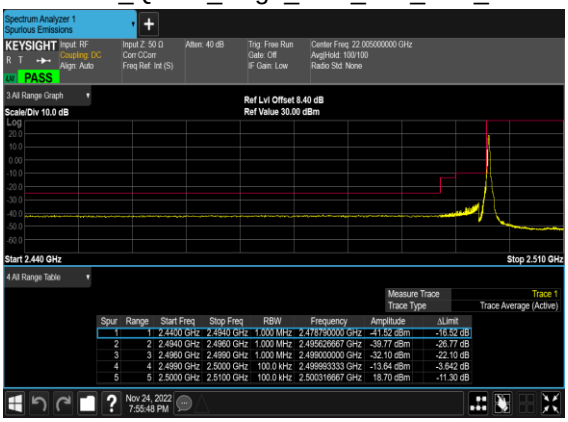
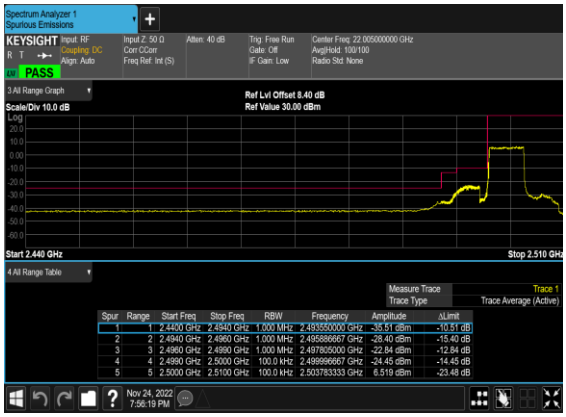
N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



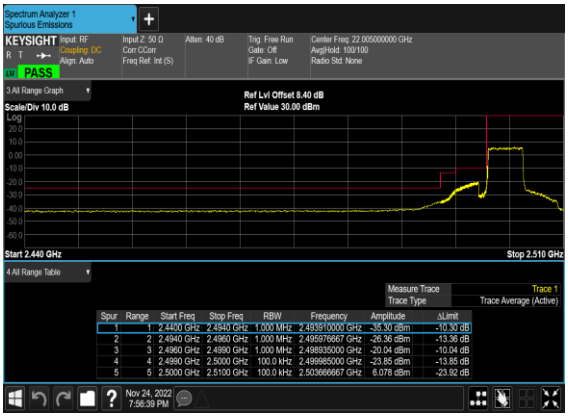
N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



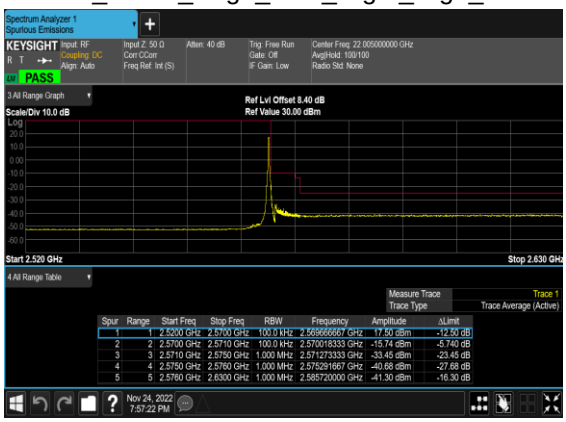
N7(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



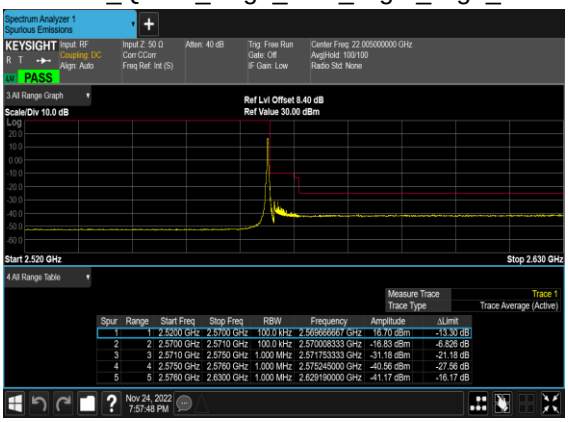
N7(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



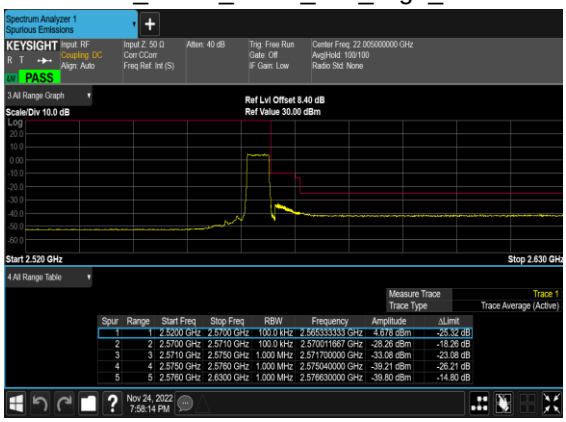
N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



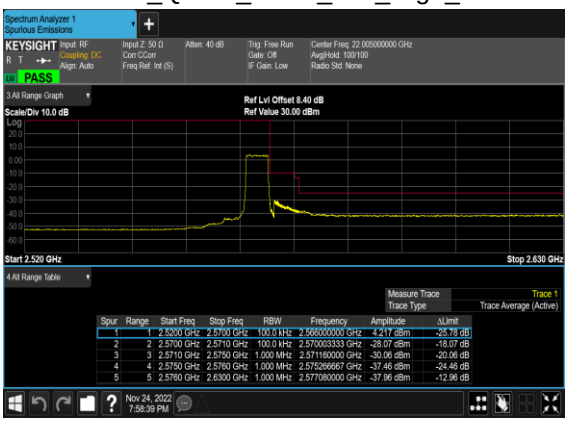
N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



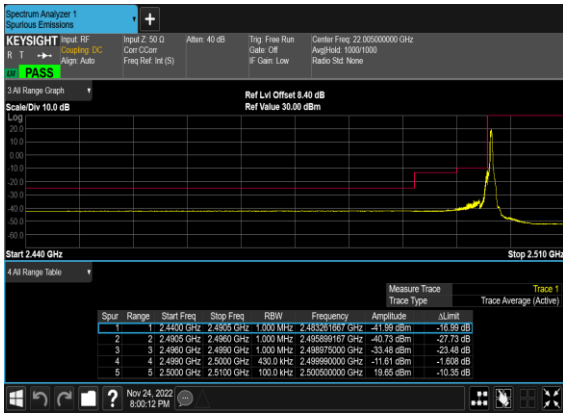
N7(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



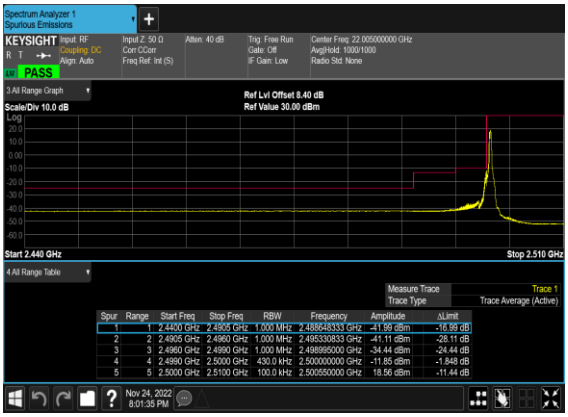
N7(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



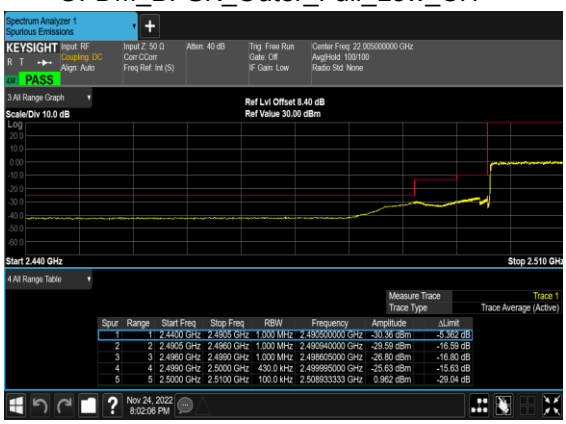
N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



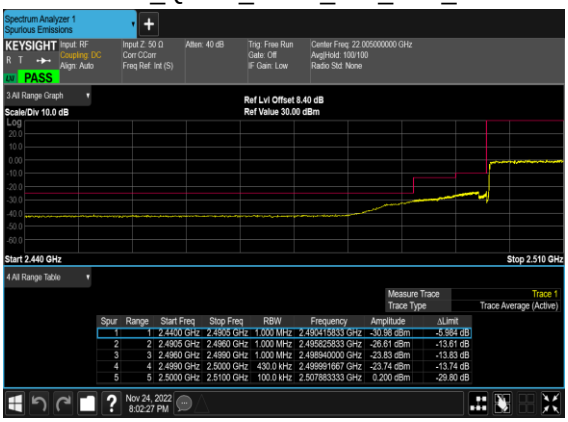
N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



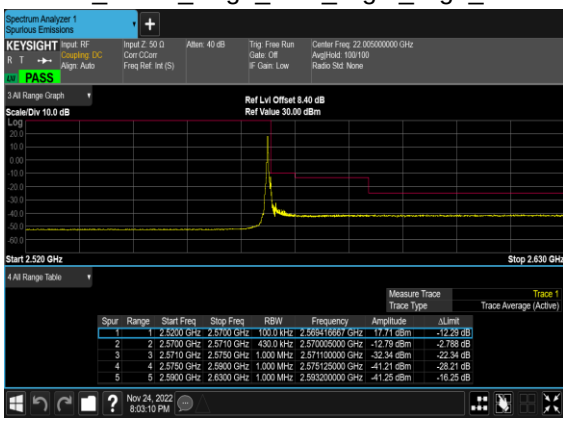
N7(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



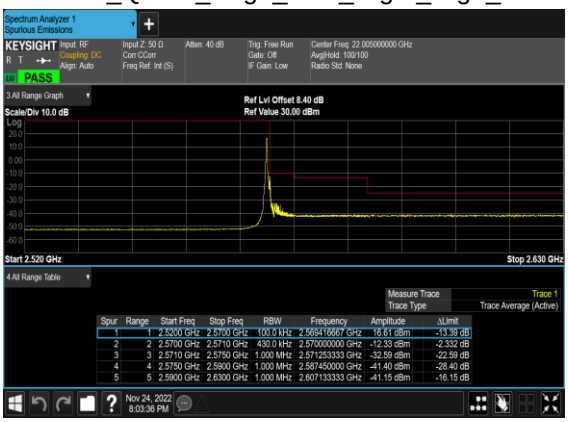
N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



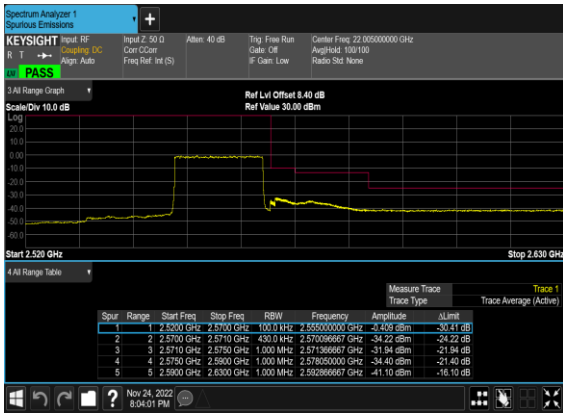
N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



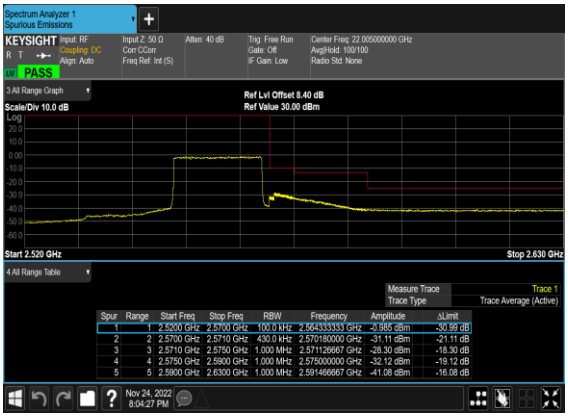
N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



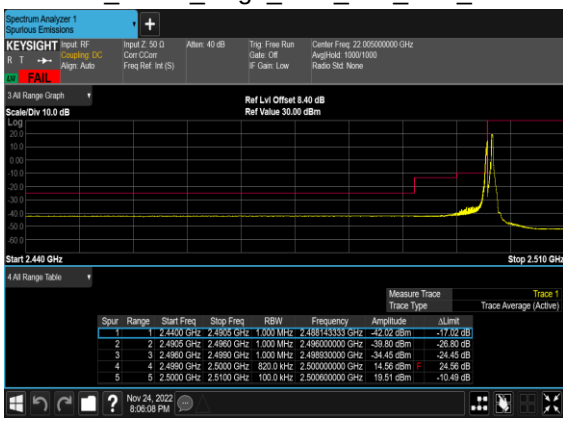
N7(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



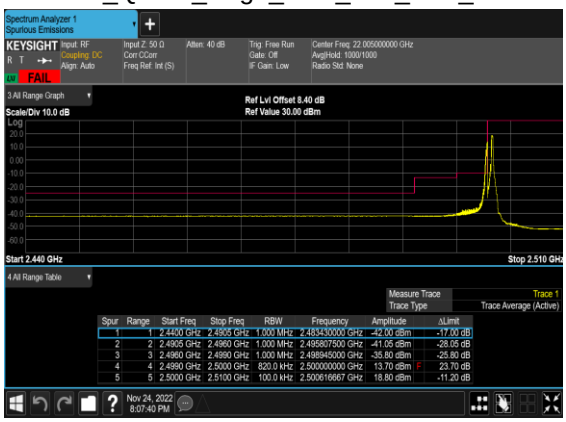
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



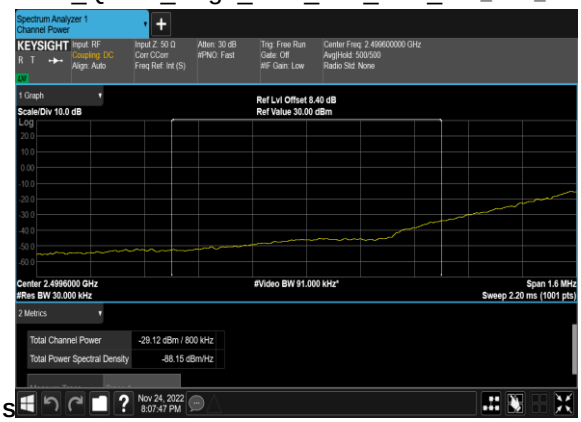
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PAS**

S

N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

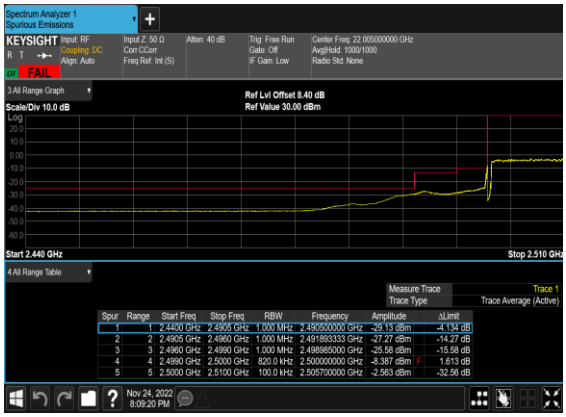


N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PAS**



S

N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



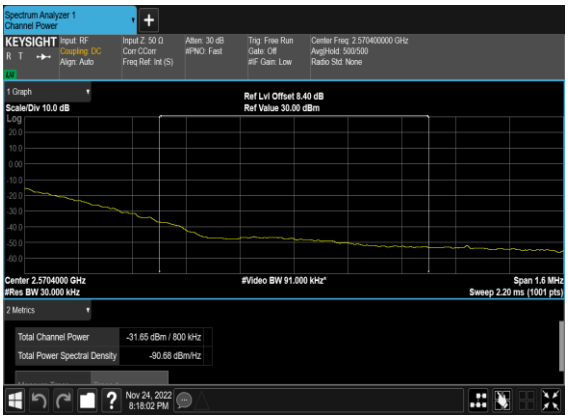
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH_**CHP_PASS**

N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

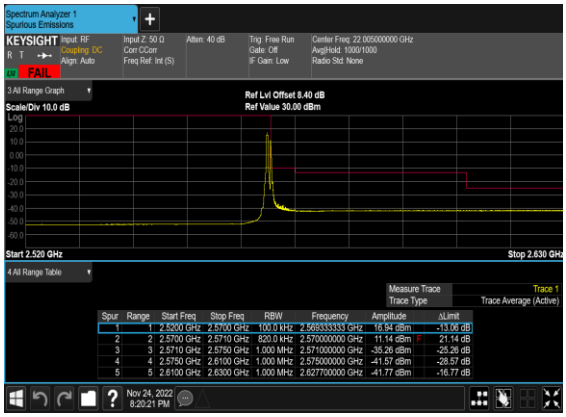
N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH_**CHP_PASS**

N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

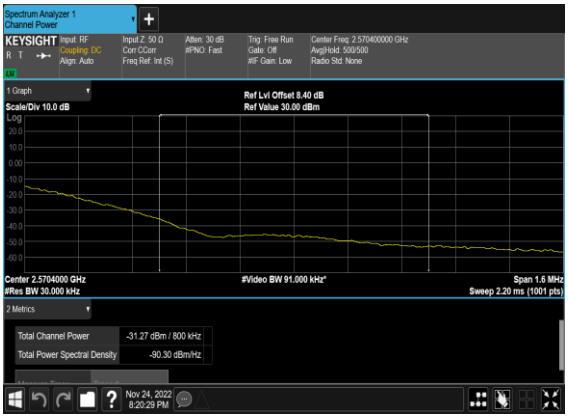
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



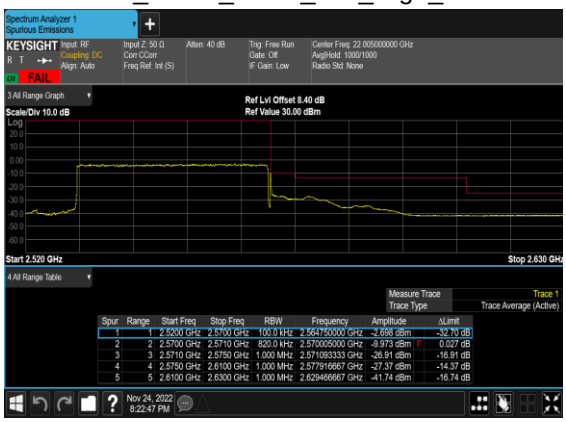
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



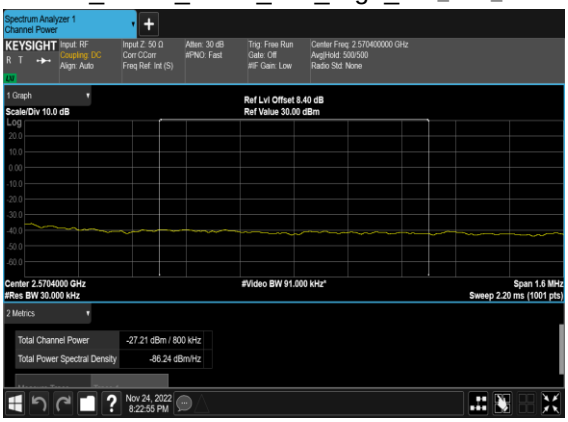
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



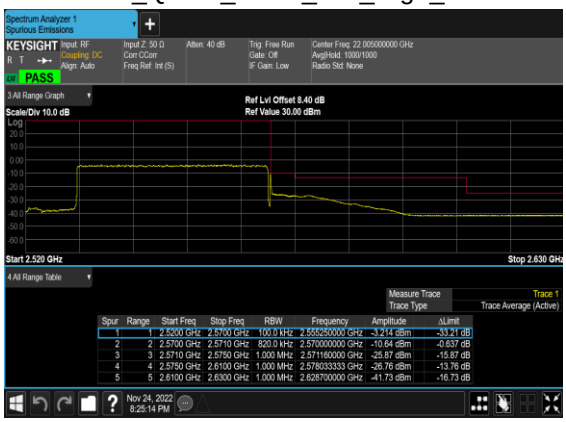
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH_**CHP_PASS**



N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH_**CHP_PASS**

Software Version: 22.02.012001

FR1 N38(ANT5)

Transmitter Conducted Output Power And EIRP, (G_T-L_C)=-5dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	22.88	17.88	0.0614
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	21.9	16.9	0.0490
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	23.01	18.01	0.0632
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.34	17.34	0.0542
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	22.74	17.74	0.0594
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	21.8	16.8	0.0479
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	22.07	17.07	0.0509
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	21.94	16.94	0.0494
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	22.03	17.03	0.0505
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	21.7	16.7	0.0468
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	22.05	17.05	0.0507
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	21.8	16.8	0.0479
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	23.05	18.05	0.0638
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	22.85	17.85	0.0610
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	22.71	17.71	0.0590
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	23.08	18.08	0.0643
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	22.91	17.91	0.0618
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	22.71	17.71	0.0590
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	50@25	22.05	17.05	0.0507
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	21.93	16.93	0.0493
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@104	21.7	16.7	0.0468
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	50@25	20.55	15.55	0.0359
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	20.63	15.63	0.0366
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@104	20.36	15.36	0.0344
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	50@25	18.44	13.44	0.0221
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	17.96	12.96	0.0198
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@104	17.83	12.83	0.0192
38	30	40	518000	2590	CP-OFDM QPSK	53@26	21.55	16.55	0.0452
38	30	40	518000	2590	CP-OFDM QPSK	1@1	21.3	16.3	0.0427
38	30	40	518000	2590	CP-OFDM QPSK	1@104	21.13	16.13	0.0410
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	22.98	17.98	0.0628
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	22.88	17.88	0.0614
38	30	40	519000	2595	DFT-s-OFDM PI/2	1@104	22.62	17.62	0.0578

					BPSK				
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	22.99	17.99	0.0630
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	22.88	17.88	0.0614
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	22.7	17.7	0.0589
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	50@25	21.99	16.99	0.0500
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	21.9	16.9	0.0490
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@104	21.73	16.73	0.0471
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	50@25	20.55	15.55	0.0359
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	20.48	15.48	0.0353
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@104	20.29	15.29	0.0338
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	50@25	18.42	13.42	0.0220
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	17.95	12.95	0.0197
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@104	17.75	12.75	0.0188
38	30	40	519000	2595	CP-OFDM QPSK	53@26	21.55	16.55	0.0452
38	30	40	519000	2595	CP-OFDM QPSK	1@1	21.4	16.4	0.0437
38	30	40	519000	2595	CP-OFDM QPSK	1@104	21.16	16.16	0.0413
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	50@25	22.91	17.91	0.0618
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	22.98	17.98	0.0628
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@104	22.74	17.74	0.0594
38	30	40	520000	2600	DFT-s-OFDM QPSK	50@25	22.87	17.87	0.0612
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	22.97	17.97	0.0627
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@104	22.71	17.71	0.0590
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	50@25	21.93	16.93	0.0493
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	22.06	17.06	0.0508
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@104	21.81	16.81	0.0480
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	50@25	20.47	15.47	0.0352
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	20.62	15.62	0.0365
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@104	20.37	15.37	0.0344
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	50@25	18.45	13.45	0.0221
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	18.27	13.27	0.0212
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@104	18.01	13.01	0.0200
38	30	40	520000	2600	CP-OFDM QPSK	53@26	21.43	16.43	0.0440
38	30	40	520000	2600	CP-OFDM QPSK	1@1	21.47	16.47	0.0444
38	30	40	520000	2600	CP-OFDM QPSK	1@104	21.24	16.24	0.0421

Software Version: 22.09.0601

FR1 N41

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-5.0dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	25.45	20.45	0.1109
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	24.58	19.58	0.0908
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.91	20.91	0.1233
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.93	19.93	0.0984
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	25.47	20.47	0.1114
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	24.63	19.63	0.0918
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	25.47	20.47	0.1114
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	24.48	19.48	0.0887
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.06	21.06	0.1276
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.99	19.99	0.0998
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	25.54	20.54	0.1132
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	24.52	19.52	0.0895
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	25.64	20.64	0.1159
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	24.55	19.55	0.0902
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.15	21.15	0.1303
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.08	20.08	0.1019
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	25.44	20.44	0.1107
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	24.54	19.54	0.0899
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	25.39	20.39	0.1094
41	30	50	504204	2521.02	DFT-s-	1@1	24.5	19.5	0.0891

					OFDM 16 QAM				
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.98	20.98	0.1253
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.94	19.94	0.0986
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	25.56	20.56	0.1138
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	24.5	19.5	0.0891
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	25.35	20.35	0.1084
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	24.19	19.19	0.0830
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.99	20.99	0.1256
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.99	19.99	0.0998
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.54	20.54	0.1132
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	24.65	19.65	0.0923
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	25.24	20.24	0.1057
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	24.15	19.15	0.0822
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.68	20.68	0.1169
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.6	19.6	0.0912
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	25.39	20.39	0.1094
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	24.44	19.44	0.0879
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	25.25	20.25	0.1059
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	24.12	19.12	0.0817
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.68	20.68	0.1169
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.55	19.55	0.0902
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	25.42	20.42	0.1102
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	24.54	19.54	0.0899
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	25.78	20.78	0.1197

41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	25.37	20.37	0.1089
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	26.13	21.13	0.1297
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	25.77	20.77	0.1194
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	25.26	20.26	0.1062
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	26.17	21.17	0.1309
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	24.77	19.77	0.0948
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	24.22	19.22	0.0836
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	25.02	20.02	0.1005
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	23.31	18.31	0.0678
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	22.96	17.96	0.0625
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	23.8	18.8	0.0759
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	21.31	16.31	0.0428
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	20.83	15.83	0.0383
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	21.61	16.61	0.0458
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	24.36	19.36	0.0863
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	23.92	18.92	0.0780
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	24.69	19.69	0.0931
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	26.04	21.04	0.1271
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.71	20.71	0.1178
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	26.02	21.02	0.1265
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	26.03	21.03	0.1268
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.65	20.65	0.1161
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	26.06	21.06	0.1276
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	25.07	20.07	0.1016
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.57	19.57	0.0906

41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	24.94	19.94	0.0986
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	23.54	18.54	0.0714
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.3	18.3	0.0676
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	23.72	18.72	0.0745
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	21.55	16.55	0.0452
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.11	16.11	0.0408
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	21.49	16.49	0.0446
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	24.52	19.52	0.0895
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	24.21	19.21	0.0834
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	24.6	19.6	0.0912
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	25.71	20.71	0.1178
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	25.63	20.63	0.1156
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	26.03	21.03	0.1268
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	25.76	20.76	0.1191
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	25.62	20.62	0.1153
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	26.22	21.22	0.1324
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	24.82	19.82	0.0959
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	24.55	19.55	0.0902
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	25.03	20.03	0.1007
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	23.31	18.31	0.0678
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	23.24	18.24	0.0667
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	23.79	18.79	0.0757
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	21.28	16.28	0.0425
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	21.09	16.09	0.0406
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	21.79	16.79	0.0478

41	30	100	528000	2640	CP-OFDM QPSK	137@68	24.3	19.3	0.0851
41	30	100	528000	2640	CP-OFDM QPSK	1@1	24.19	19.19	0.0830
41	30	100	528000	2640	CP-OFDM QPSK	1@271	24.83	19.83	0.0962

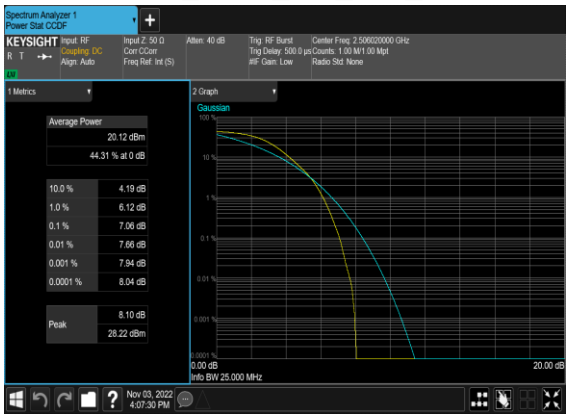
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0056	**PASS**	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0038	**PASS**	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0055	**PASS**	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0038	**PASS**	-30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0056	**PASS**	-20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0048	**PASS**	-10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0070	**PASS**	0℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0058	**PASS**	10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0056	**PASS**	20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0069	**PASS**	30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0058	**PASS**	40℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0062	**PASS**	50℃

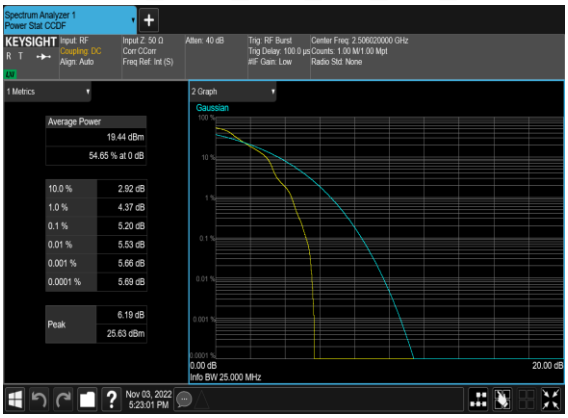
Peak to Average Radio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	50@0	7.06	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@0	5.2	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	7.71	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	5.55	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	7.06	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	5.0	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	7.69	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	5.39	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	50@0	7.05	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@0	5.0	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	7.68	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	6.02	13	**PASS**

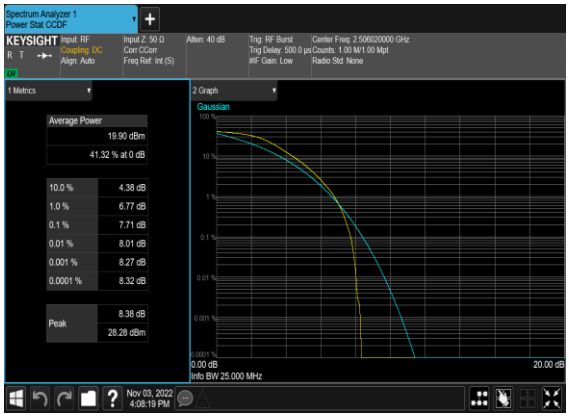
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



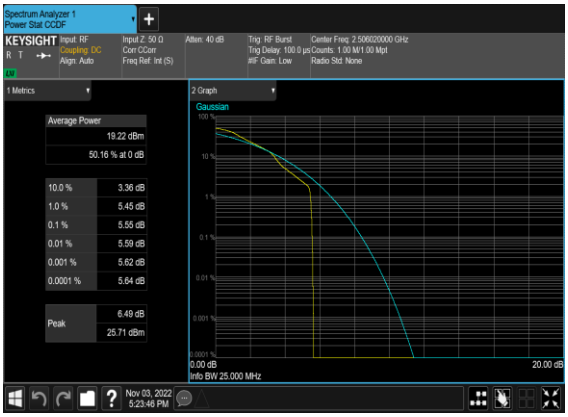
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



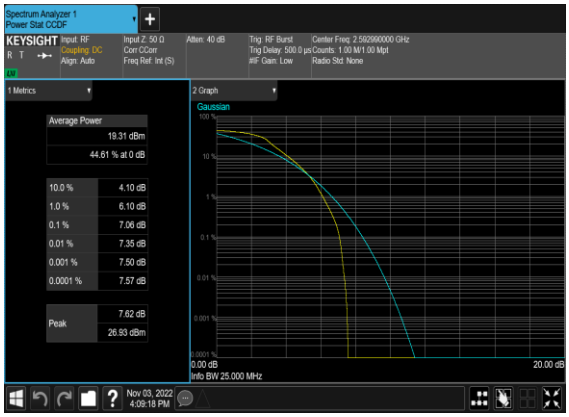
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



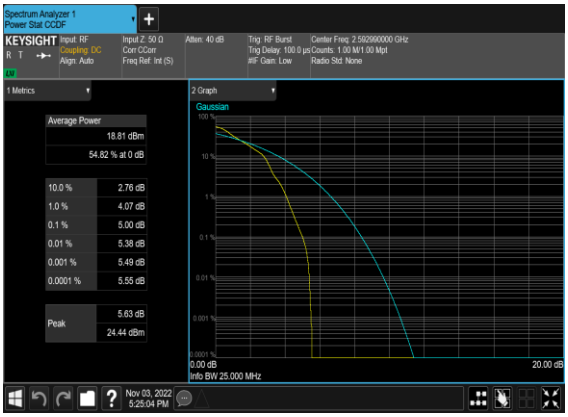
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



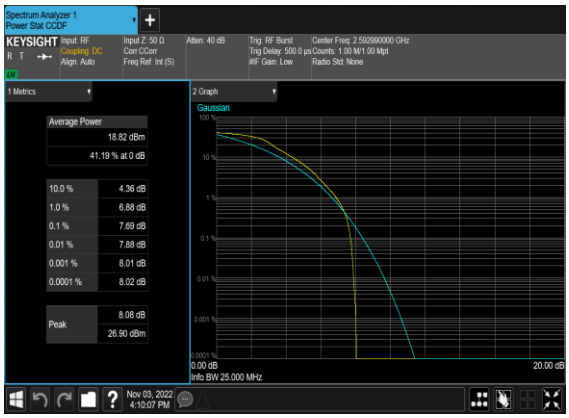
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



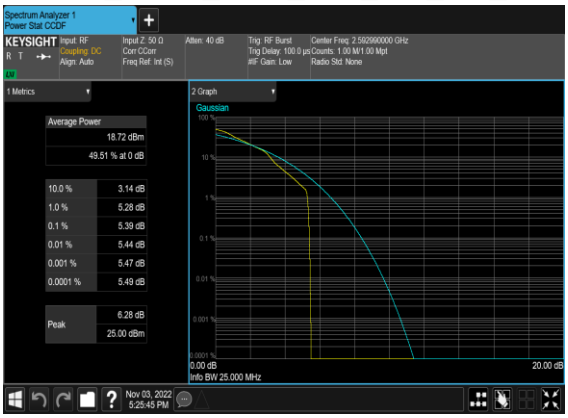
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



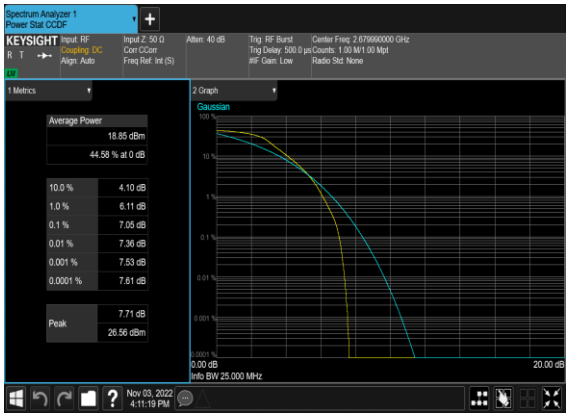
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



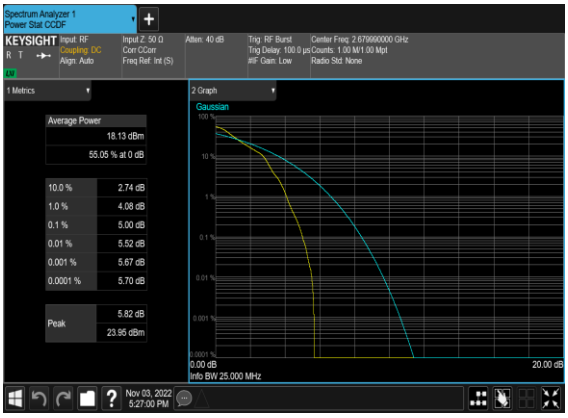
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



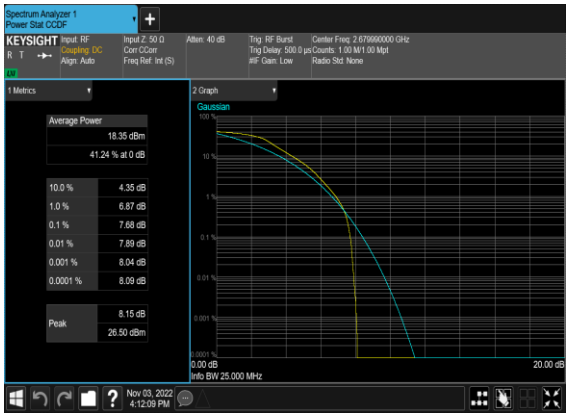
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



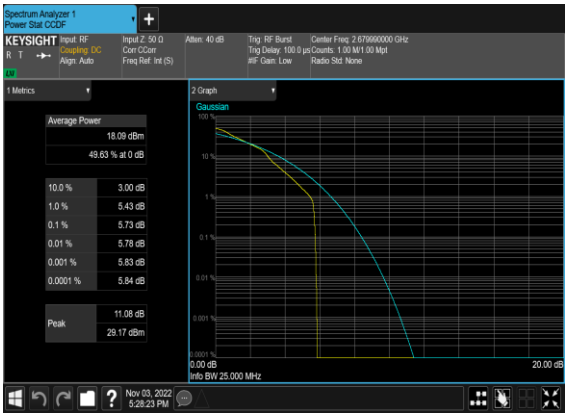
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

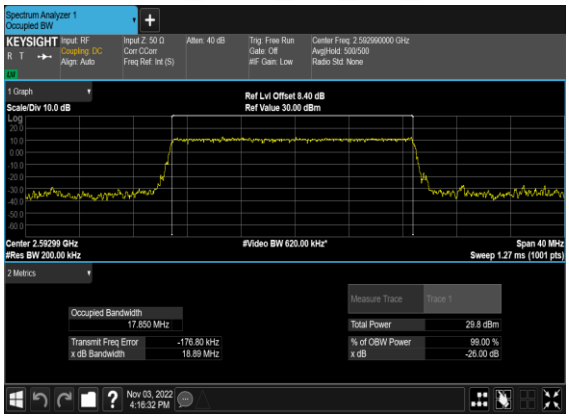


Occupied Bandwidth

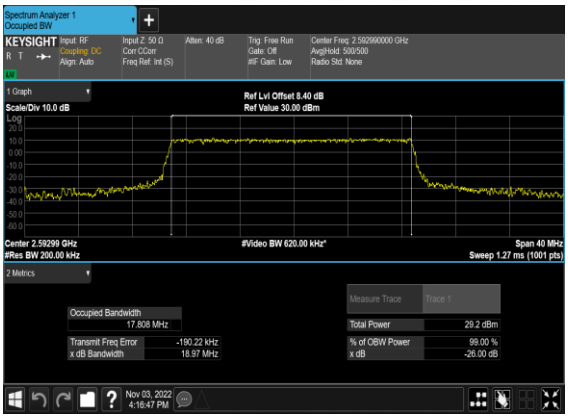
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	17.85	18.89
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.808	18.97
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.214	19.31
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.255	19.32
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.22	19.61
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.183	19.29
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	75@0	26.754	28.1
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	75@0	26.79	28.12
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.799	29.1
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.903	29.33
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.843	29.19
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.825	29.43
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	100@0	35.738	37.07
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	100@0	35.733	37.26
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.745	39.38
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.867	39.57
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.839	39.19
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.835	39.4
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	128@0	45.762	47.43
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	128@0	45.737	47.45
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.513	49.32
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.576	49.26
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.554	49.25
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.502	49.19

41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	162@0	57.984	60.0
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	162@0	57.889	59.95
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.836	60.15
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.845	59.99
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.829	59.77
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.809	59.87
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	216@0	77.169	79.75
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	216@0	77.269	79.7
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.558	80.17
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.685	80.03
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.529	80.07
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.447	80.0
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	240@0	85.845	88.51
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	240@0	85.759	88.58
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.568	90.43
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.4	90.26
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.521	90.47
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.51	90.38
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	270@0	96.558	99.57
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	270@0	96.508	99.55
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.648	100.6
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.567	100.8
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.483	100.6
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.619	100.6

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

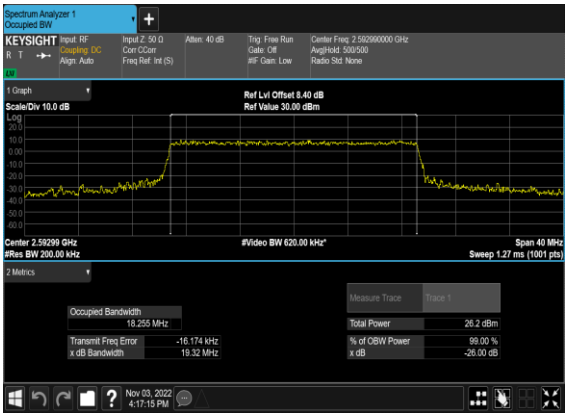


N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

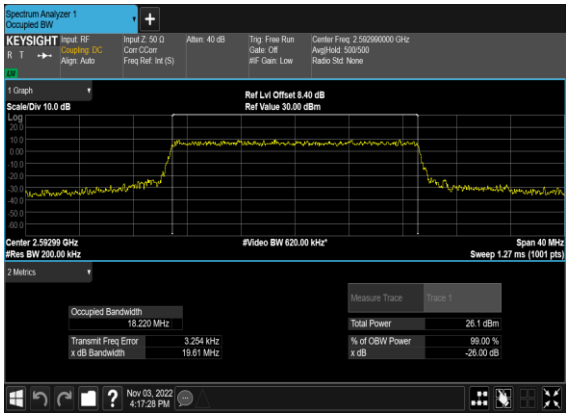


N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N41(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

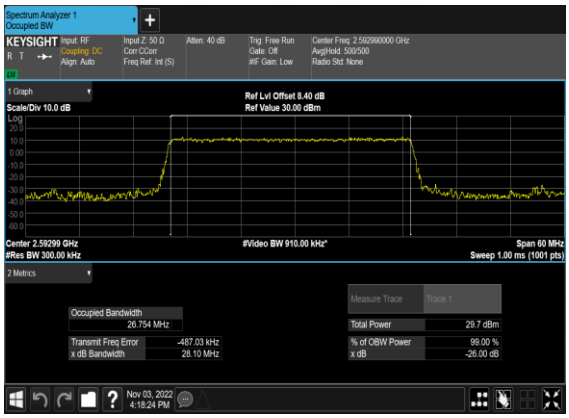


N41(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

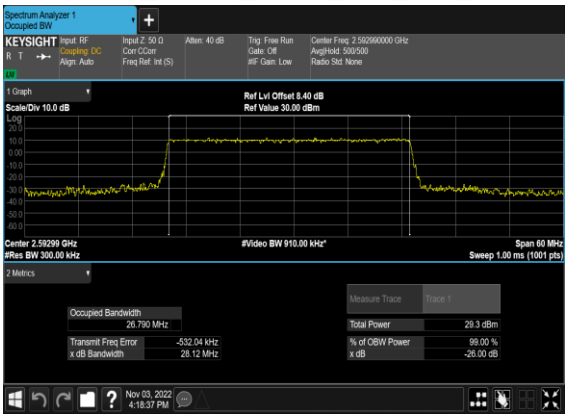


N41(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

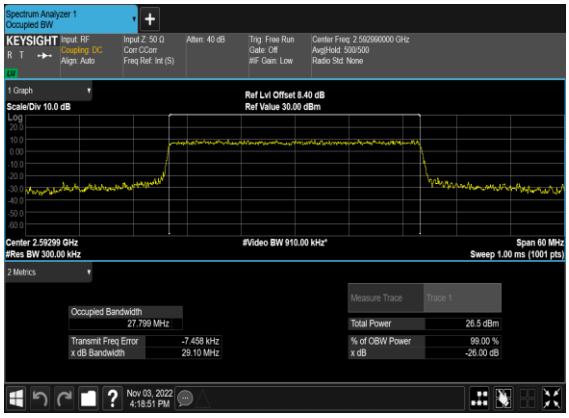
N41(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



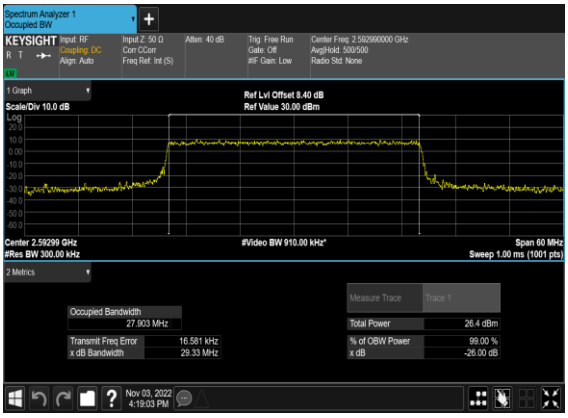
N41(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

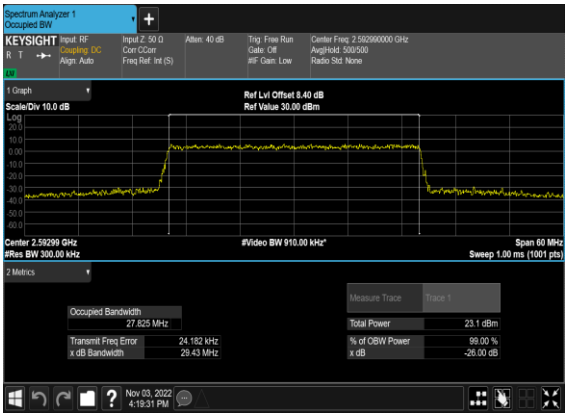


N41(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

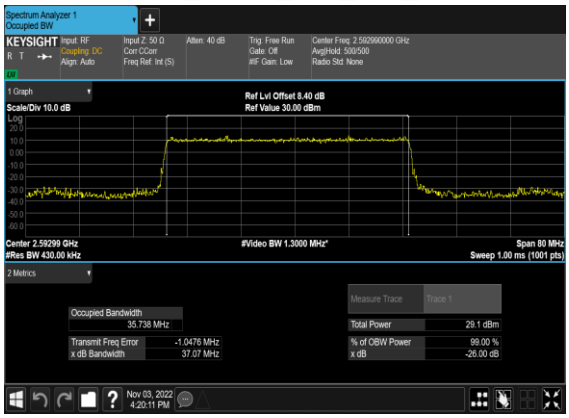


N41(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

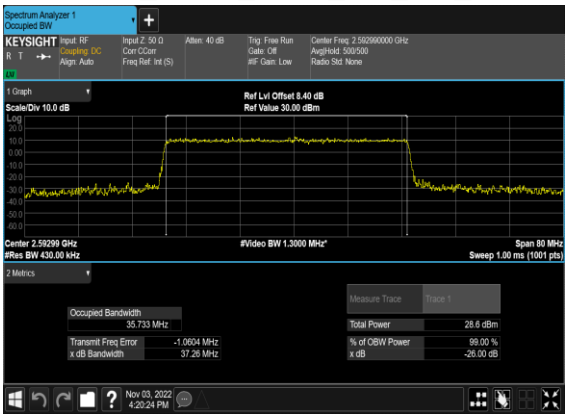
N41(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



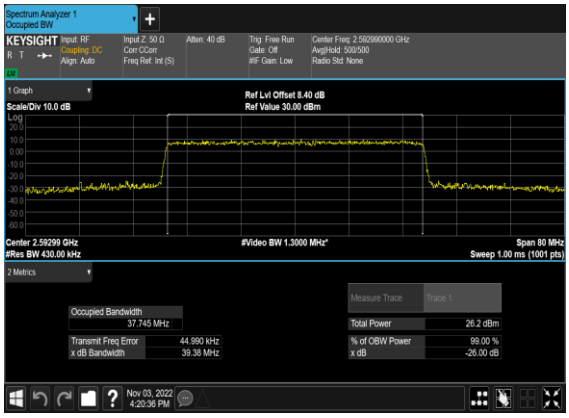
N41(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



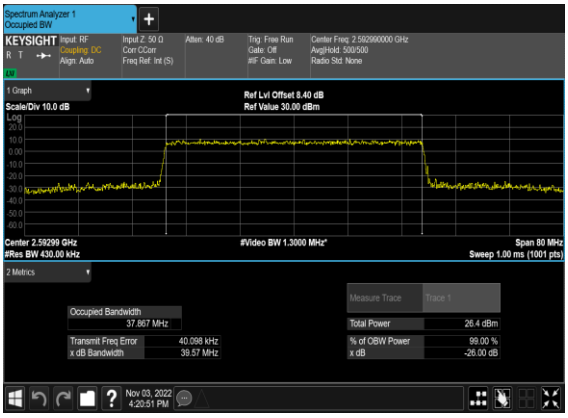
N41(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



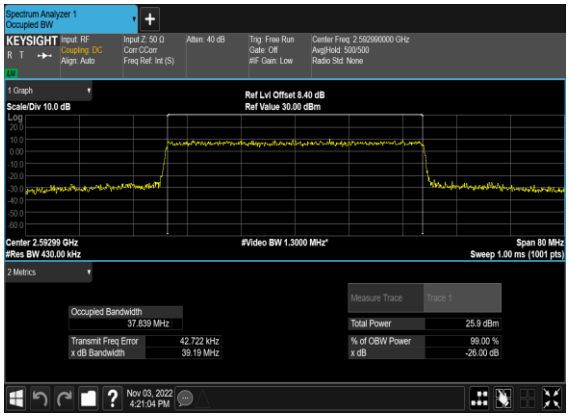
N41(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



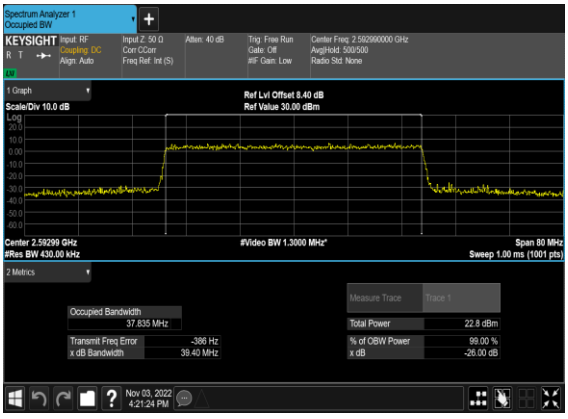
N41(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



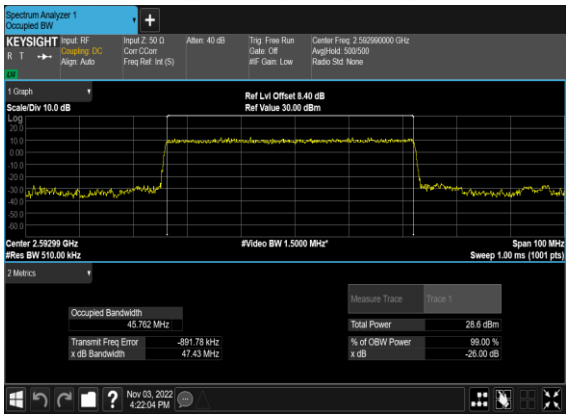
N41(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



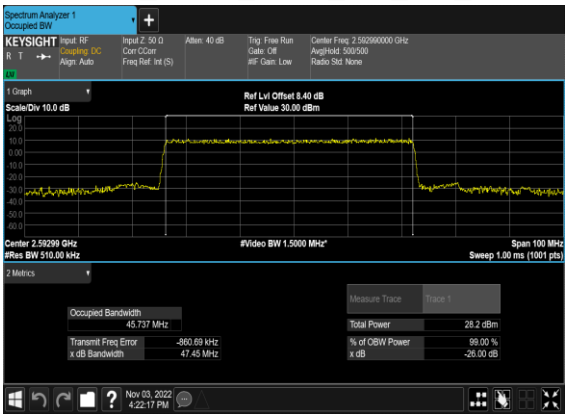
N41(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



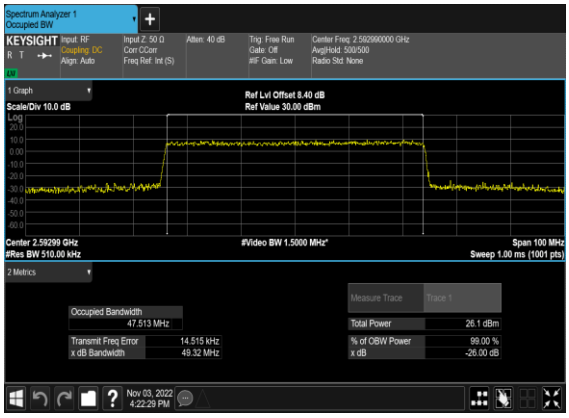
N41(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



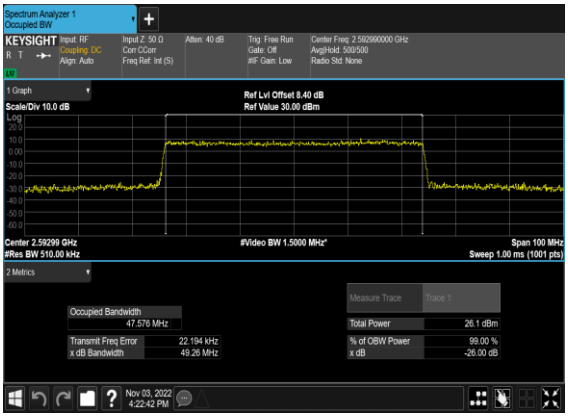
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



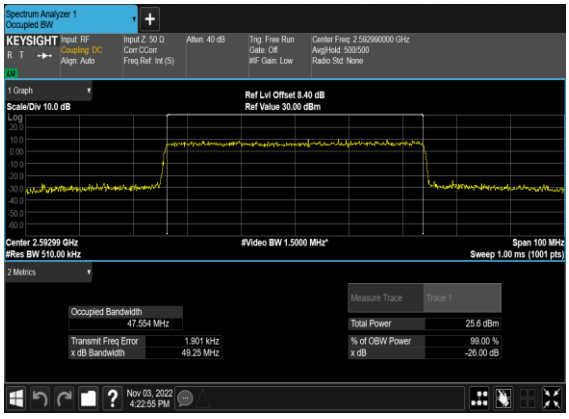
N41(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



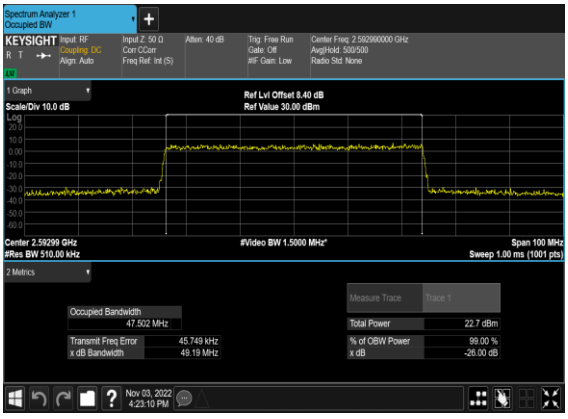
N41(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



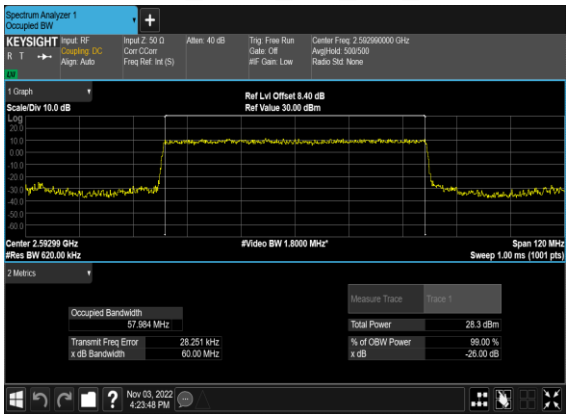
N41(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



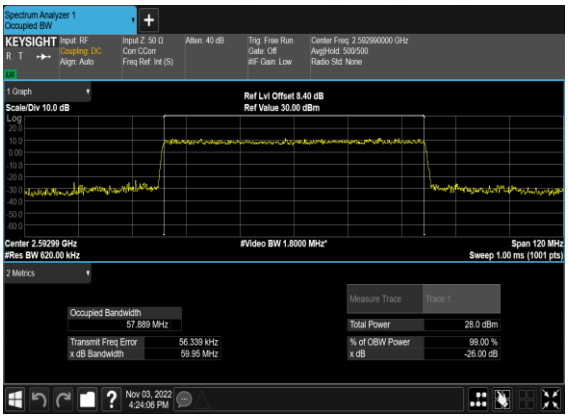
N41(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



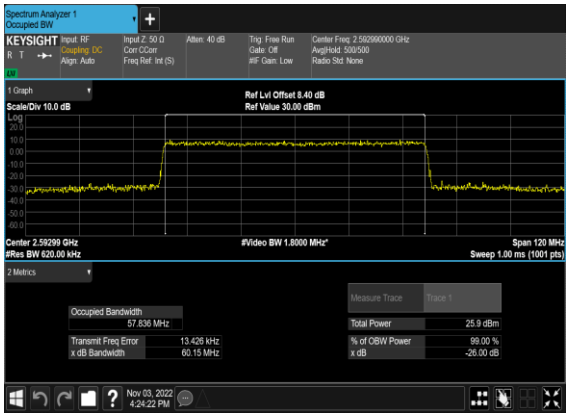
N41(60M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



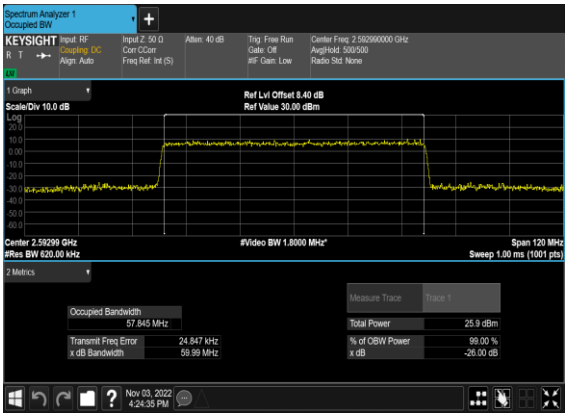
N41(60M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



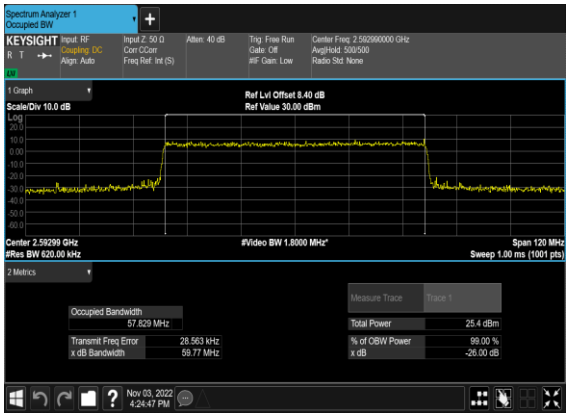
N41(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N41(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

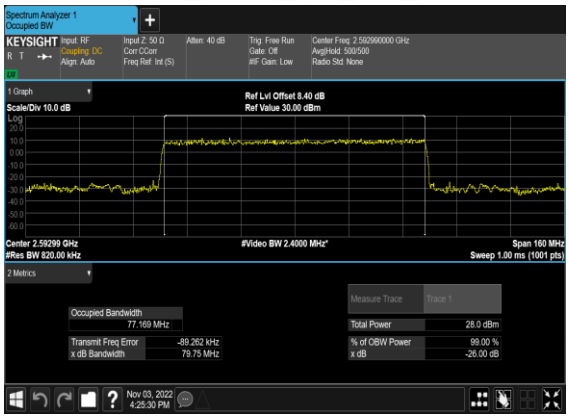


N41(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

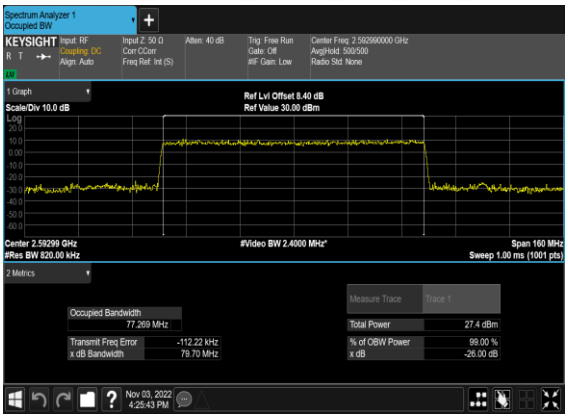


N41(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

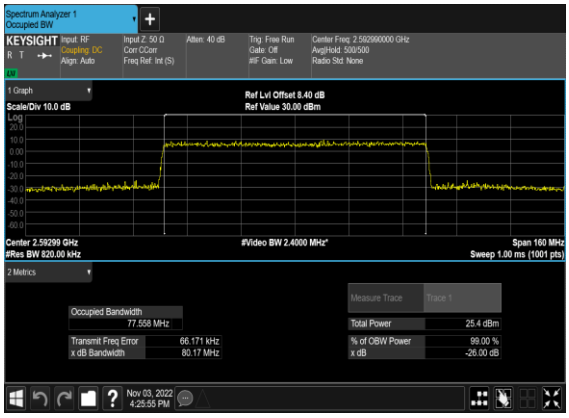
N41(80M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



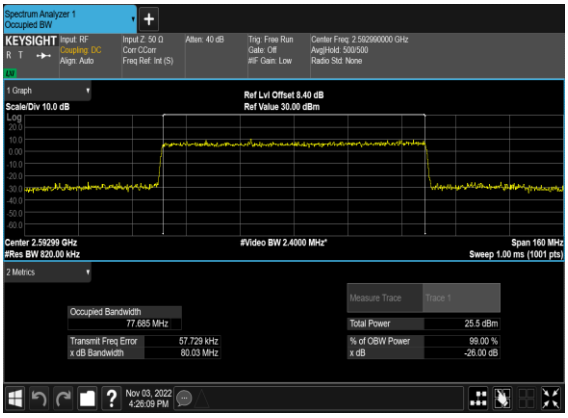
N41(80M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



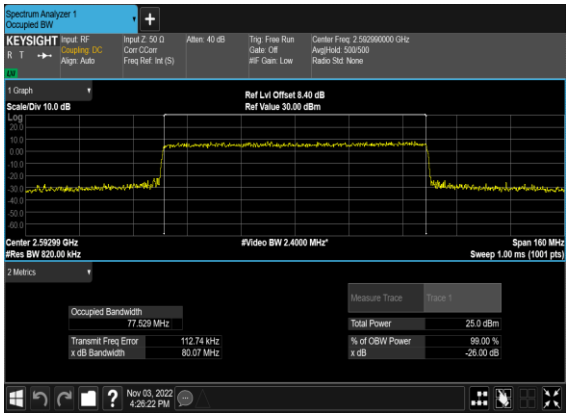
N41(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



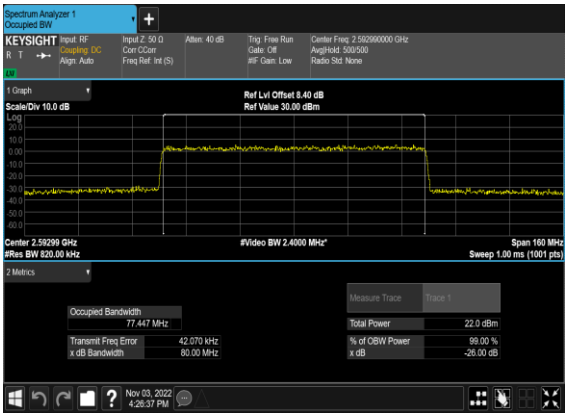
N41(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



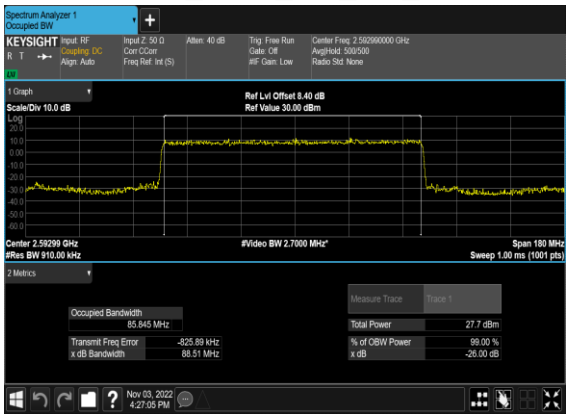
N41(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



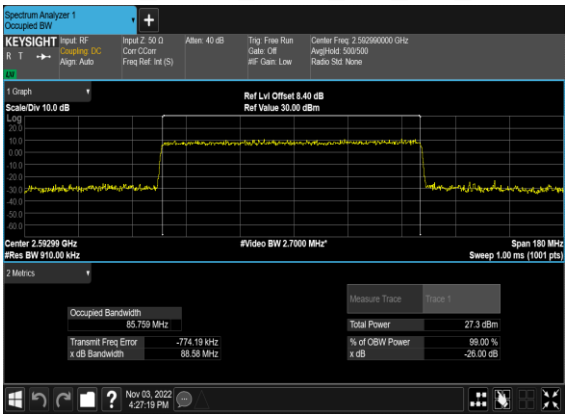
N41(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



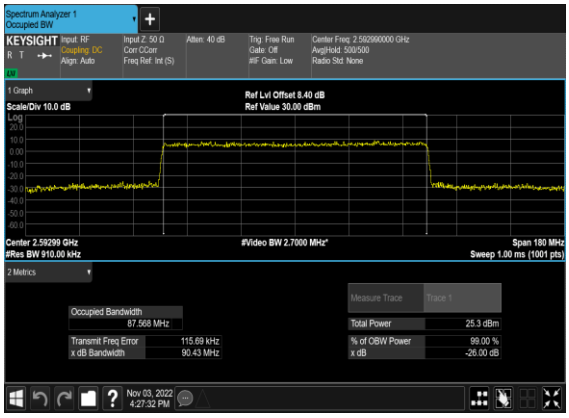
N41(90M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



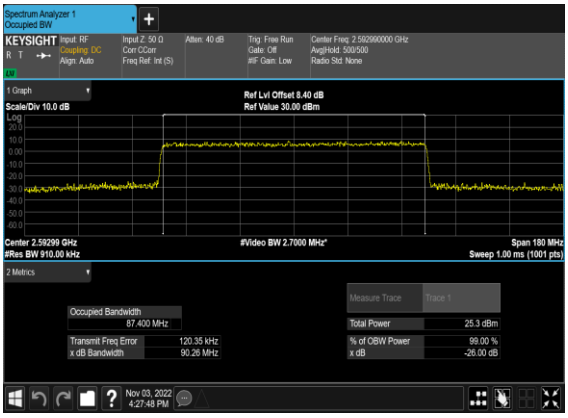
N41(90M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



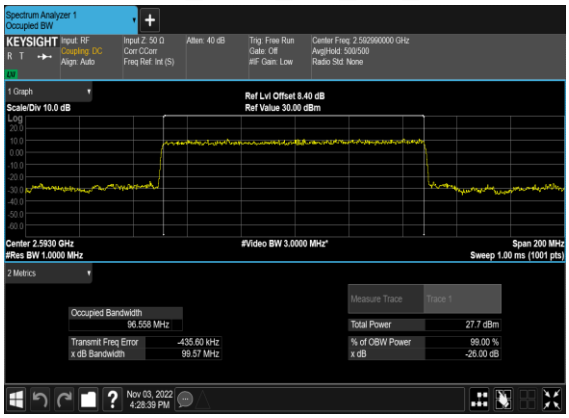
N41(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

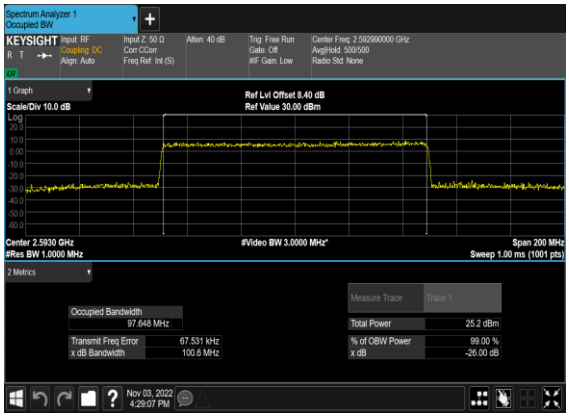
N41(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N41(100M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

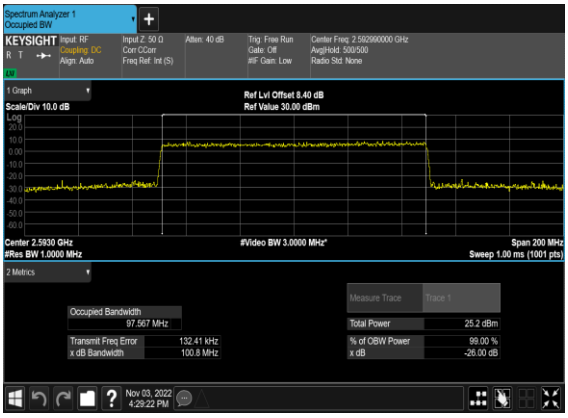


N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

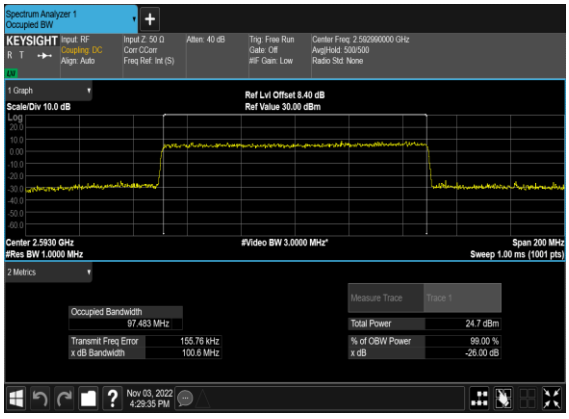
N41(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



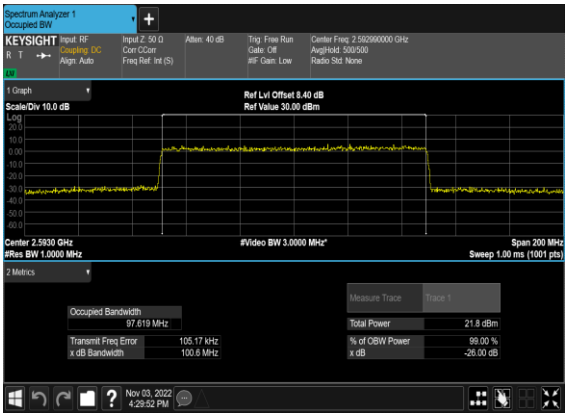
N41(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



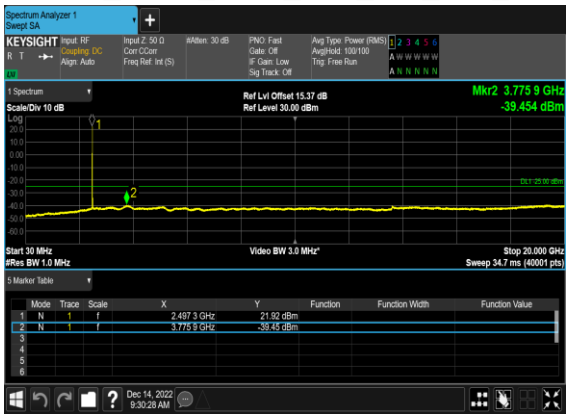
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	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	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**---**

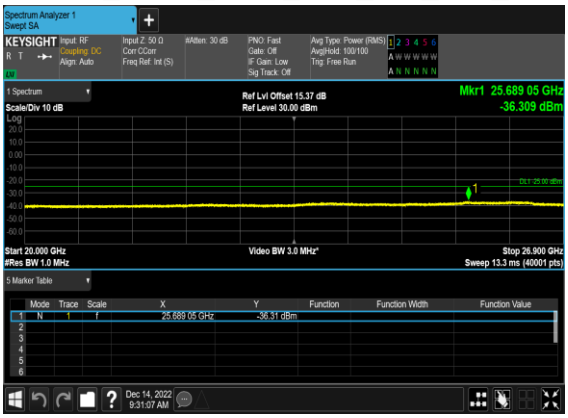
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	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**

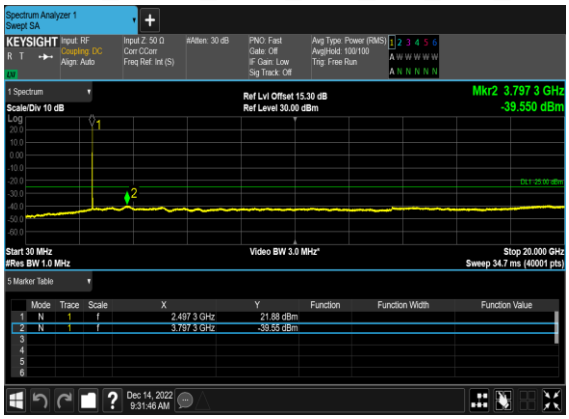
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



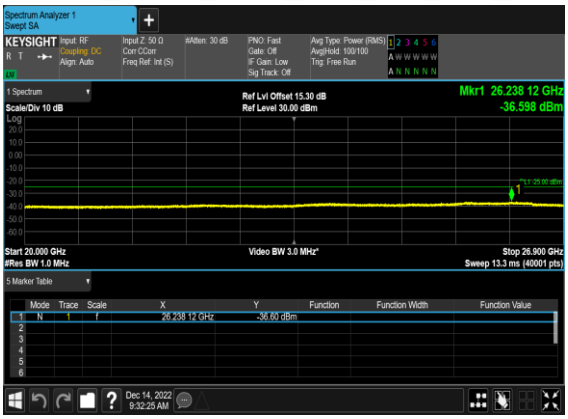
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



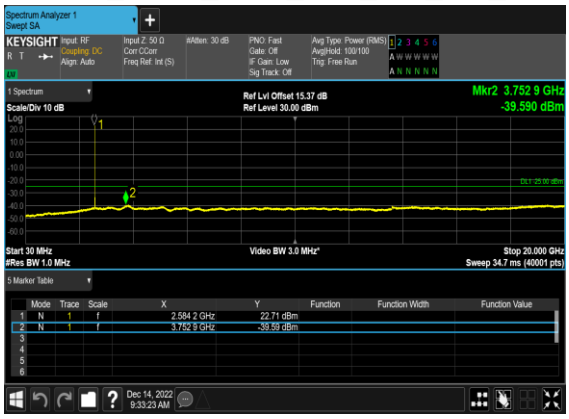
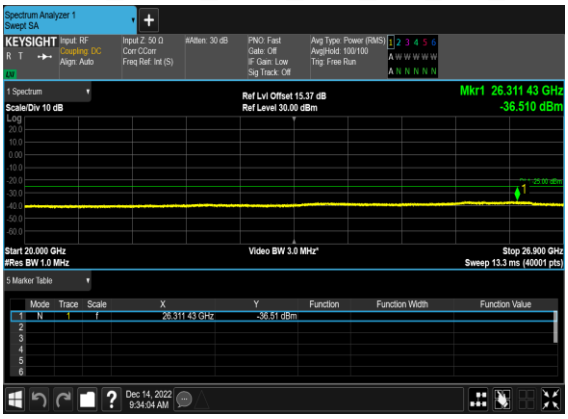
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



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