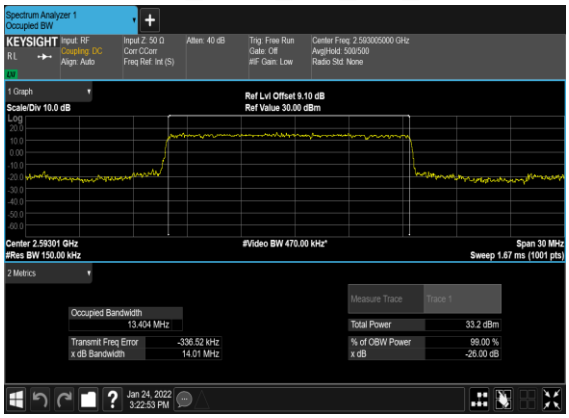
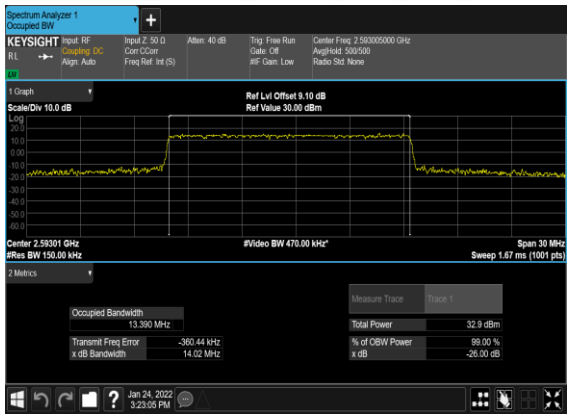
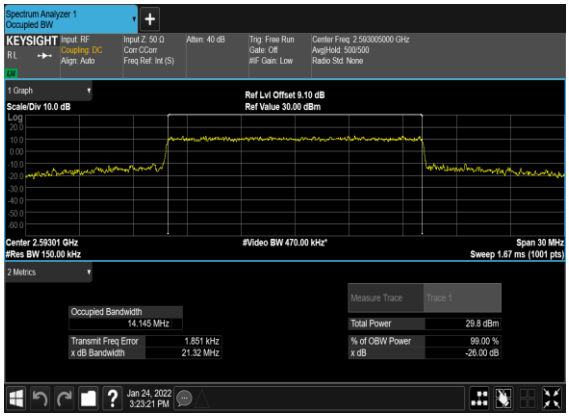
N41(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N41(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

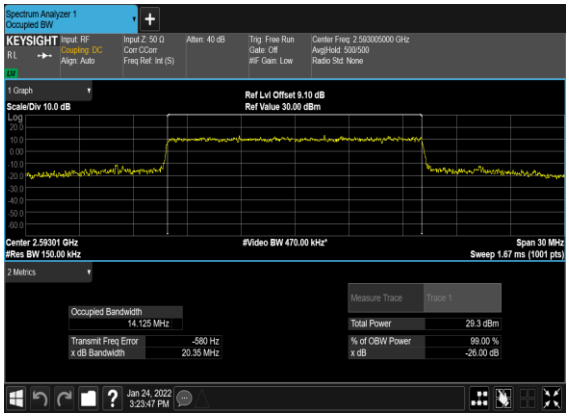


N41(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

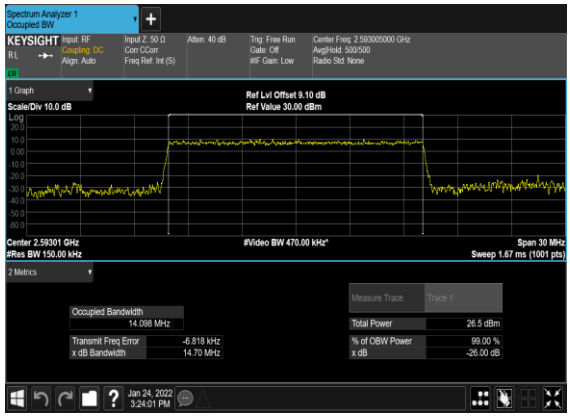


N41(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

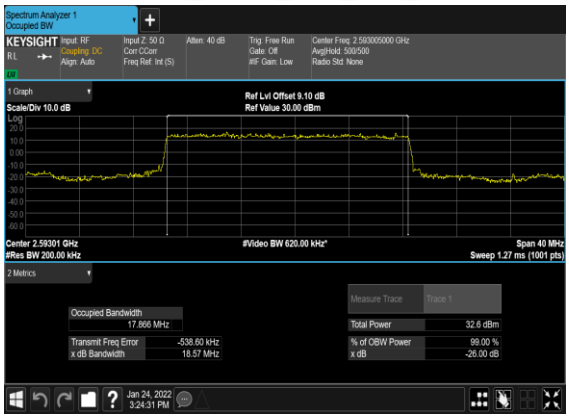
N41(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



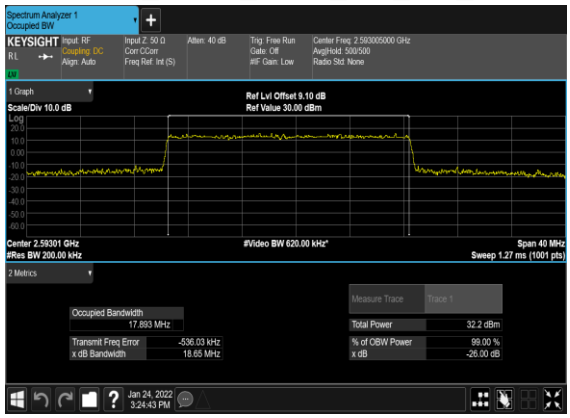
N41(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



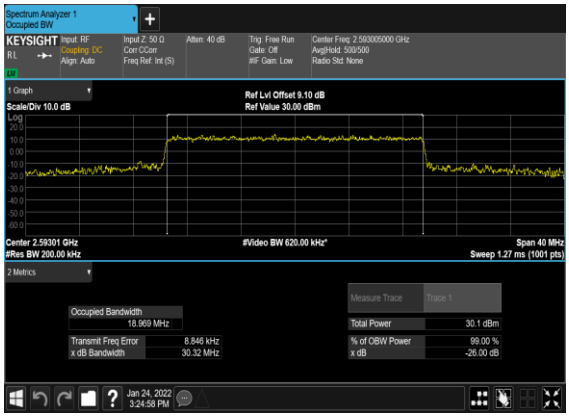
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



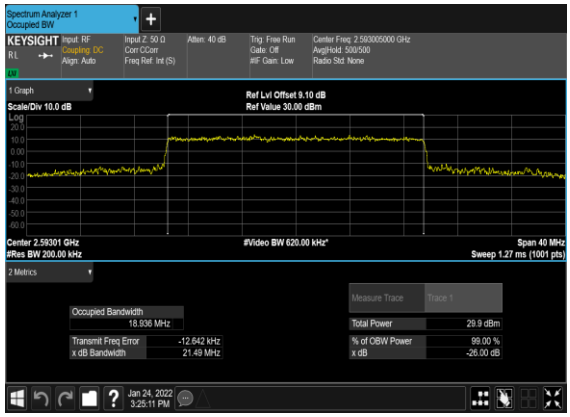
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



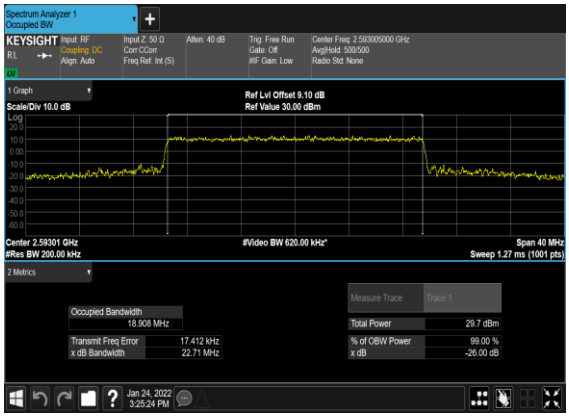
N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



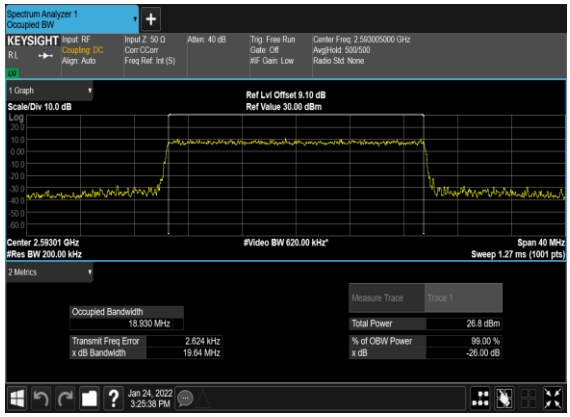
N41(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



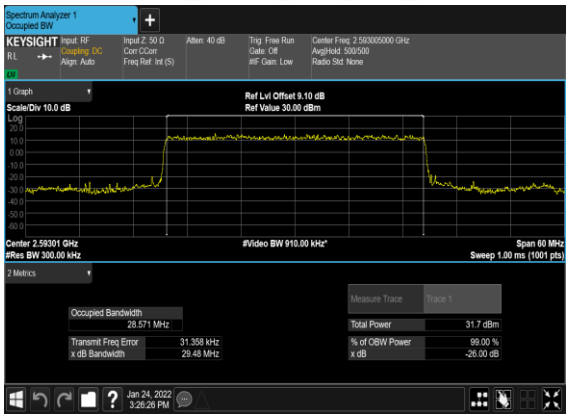
N41(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



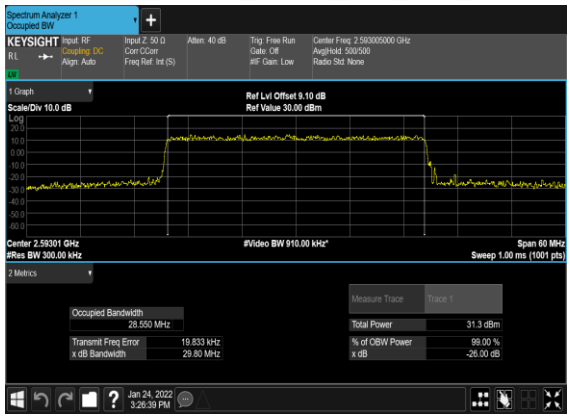
N41(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



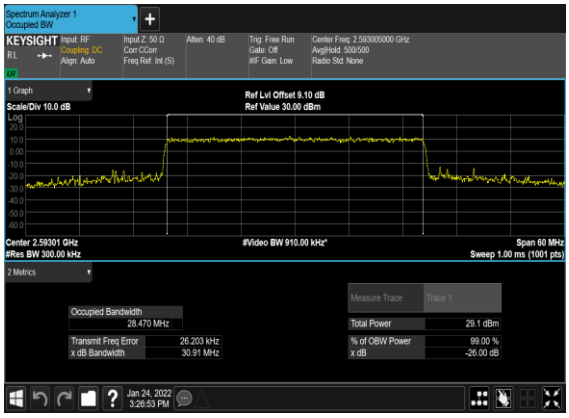
N41(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



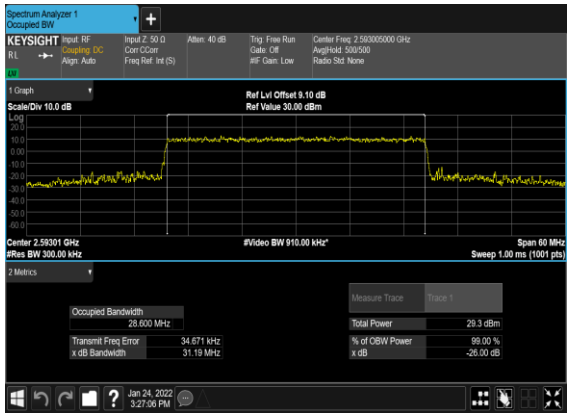
N41(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



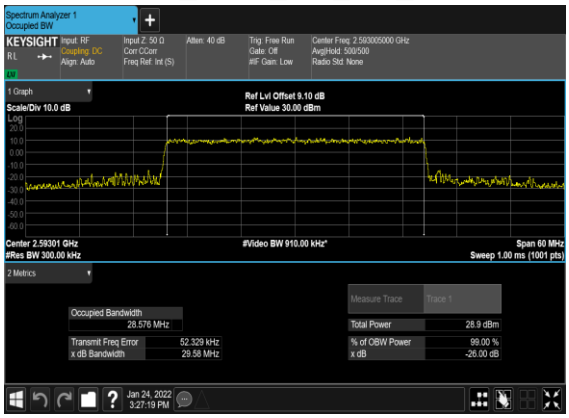
N41(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



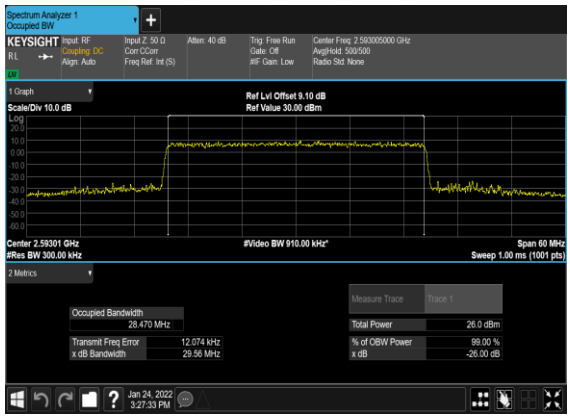
N41(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



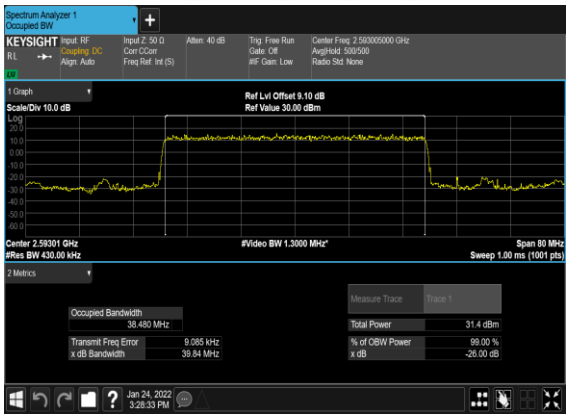
N41(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



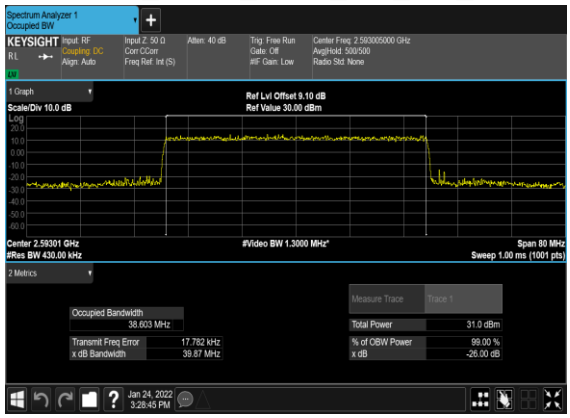
N41(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



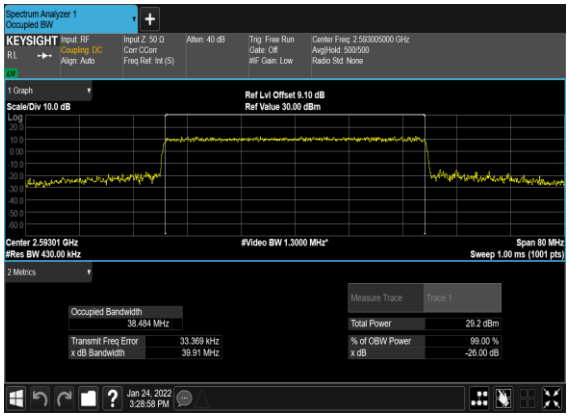
N41(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



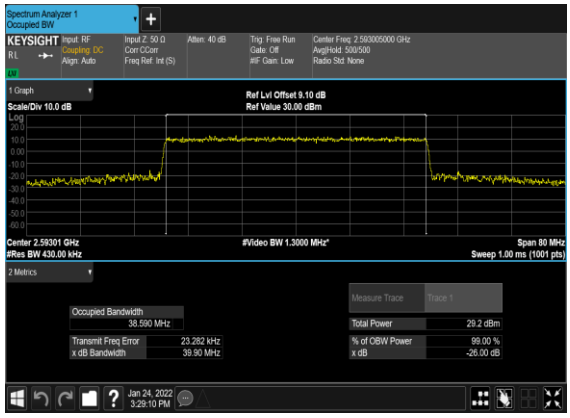
N41(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



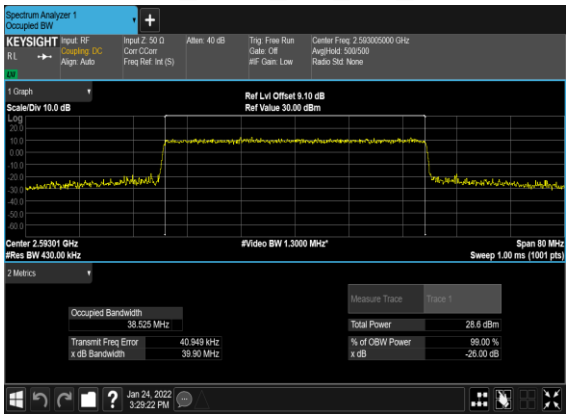
N41(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



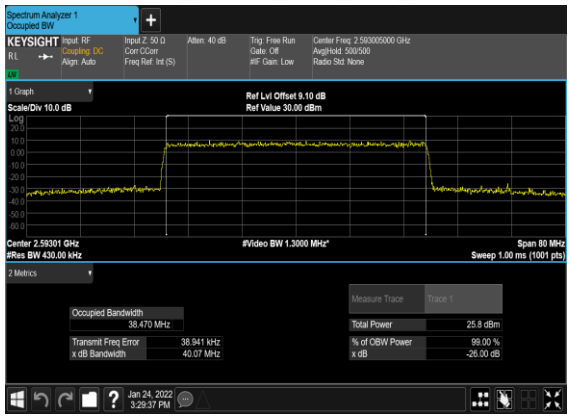
N41(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



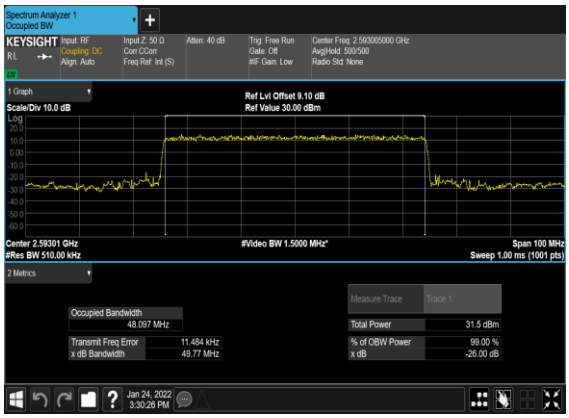
N41(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



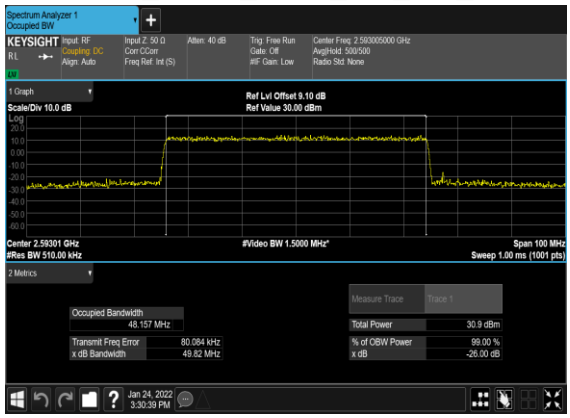
N41(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



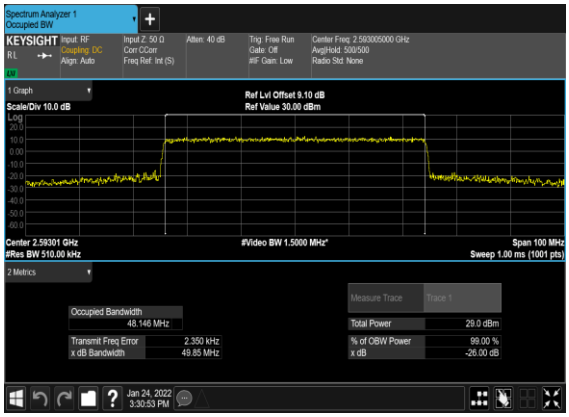
N41(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



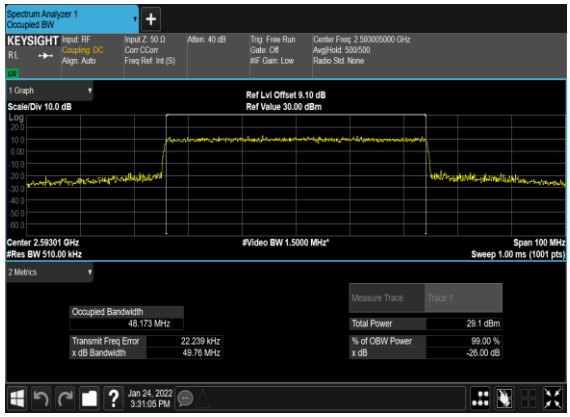
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



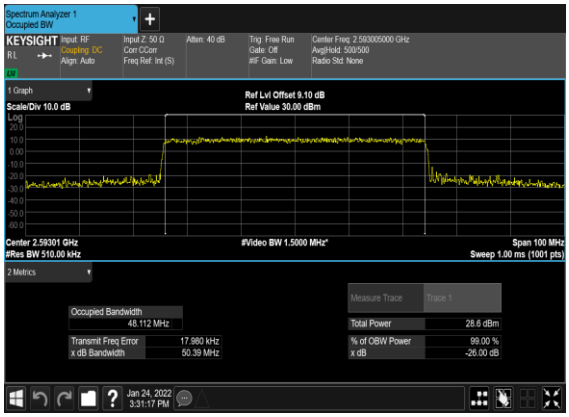
N41(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



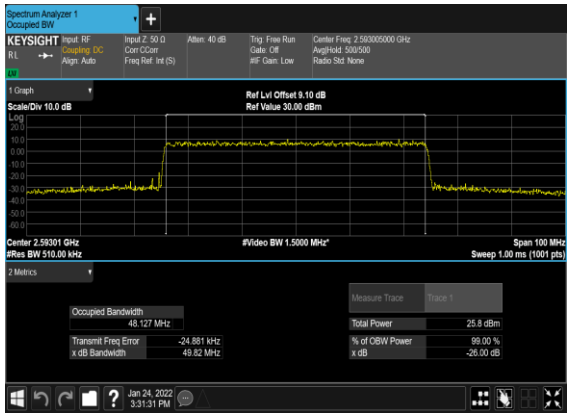
N41(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



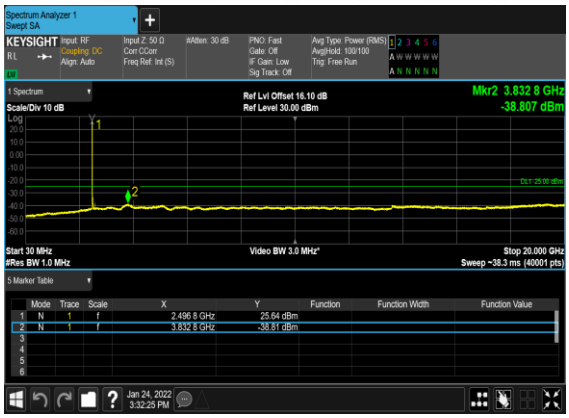
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	15	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	15	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	15	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	10	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	15	10	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	10	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	10	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	15	10	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	10	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	15	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	15	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@0	see graph	**---**

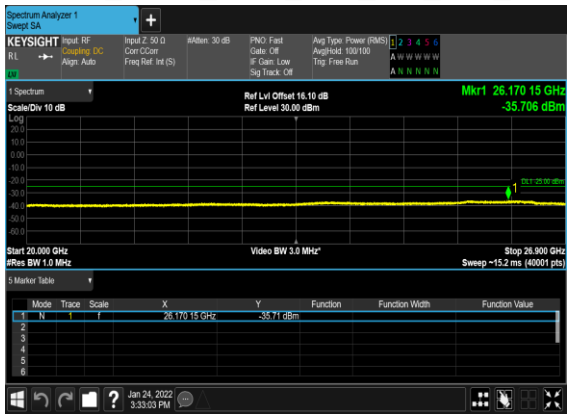
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	20	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	15	20	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	20	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	20	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	50	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	15	50	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	50	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	**---**

41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	50	518601	2593.005	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

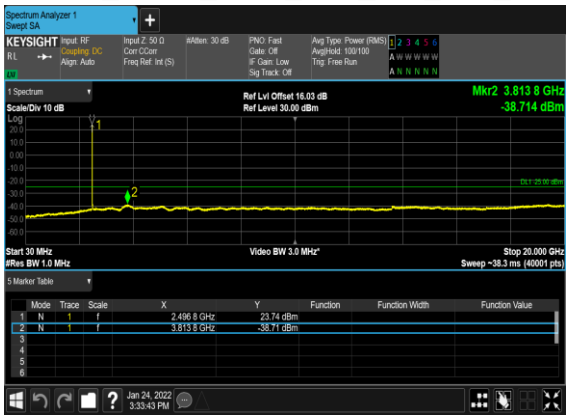
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



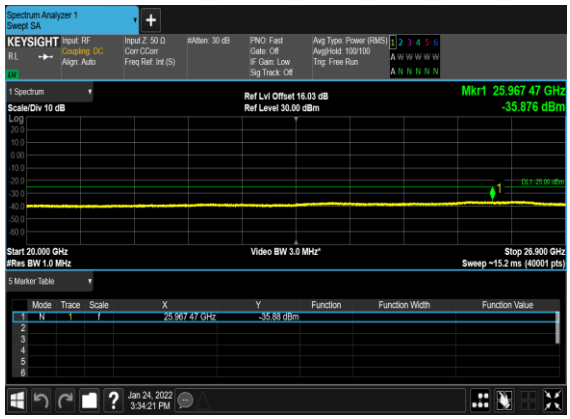
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



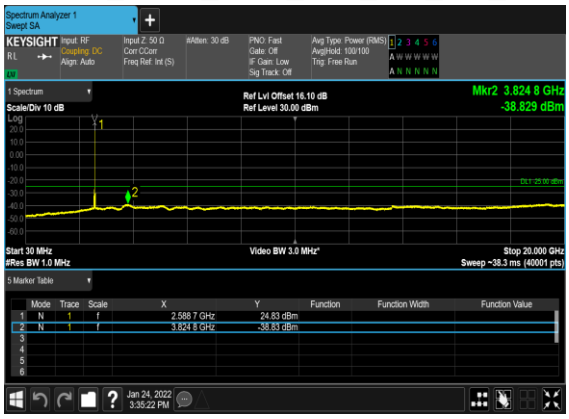
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



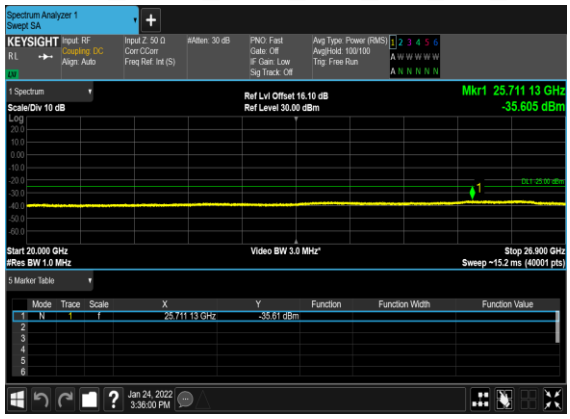
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



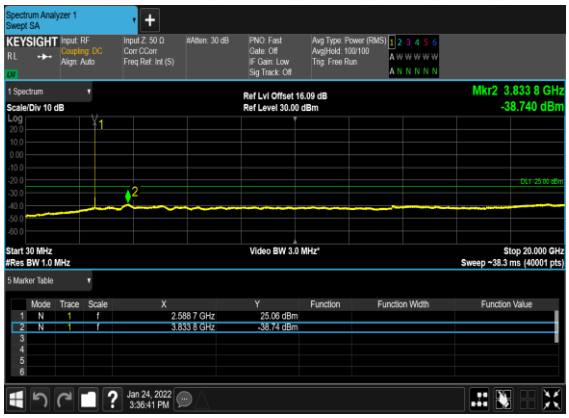
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



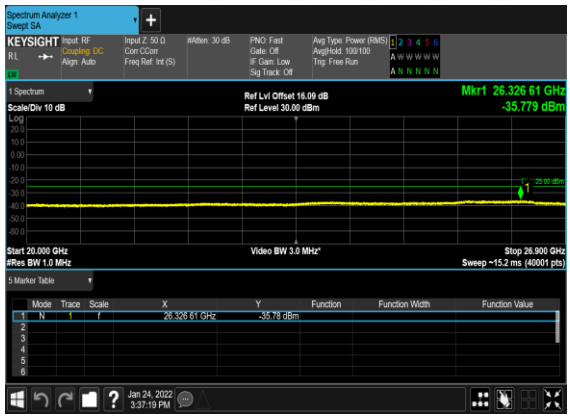
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



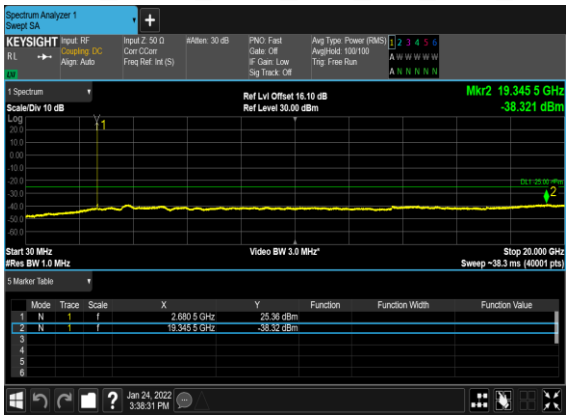
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



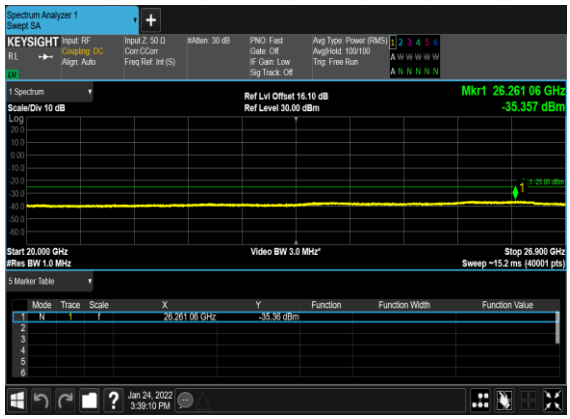
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



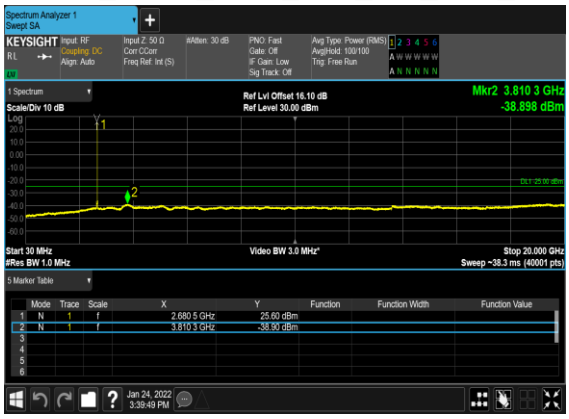
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



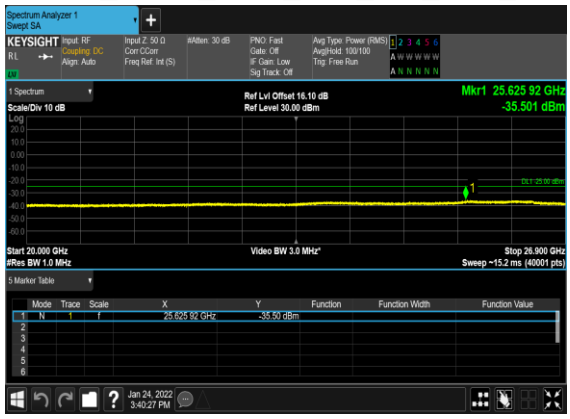
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



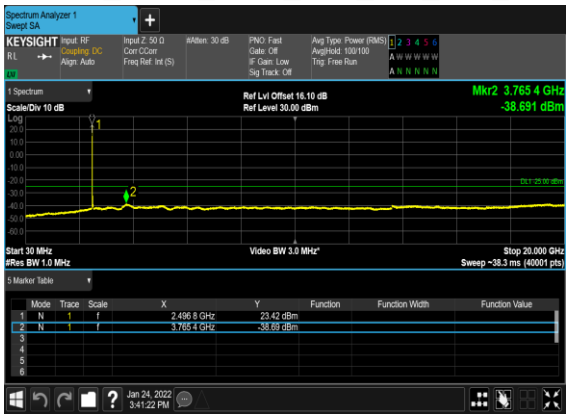
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



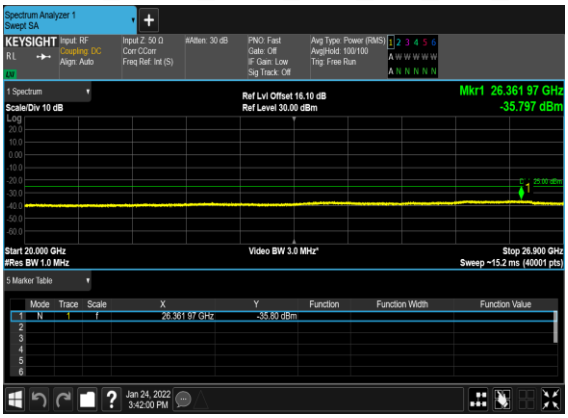
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



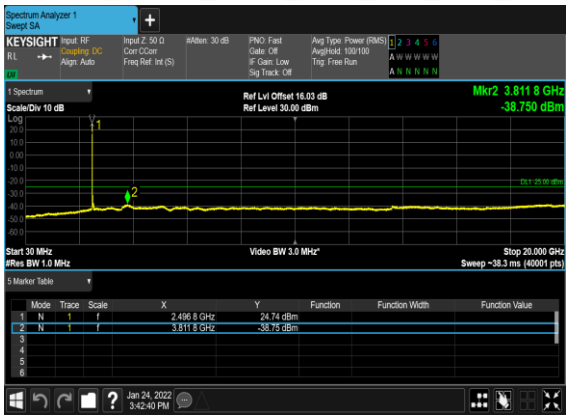
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



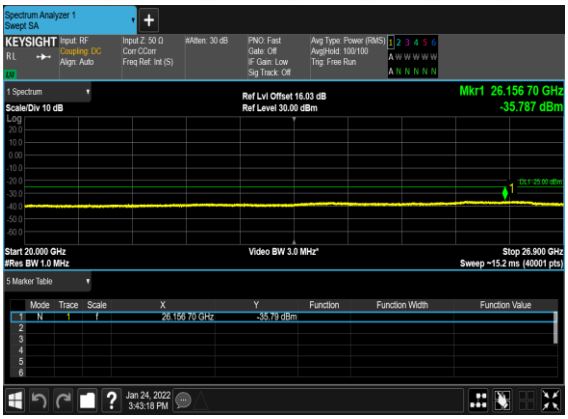
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



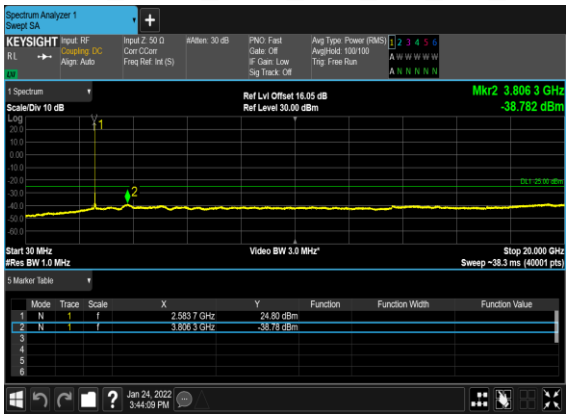
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



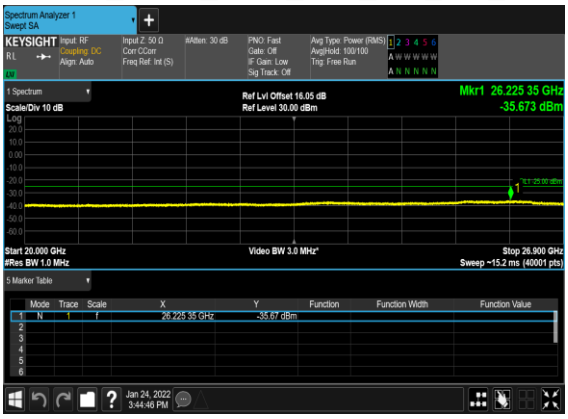
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



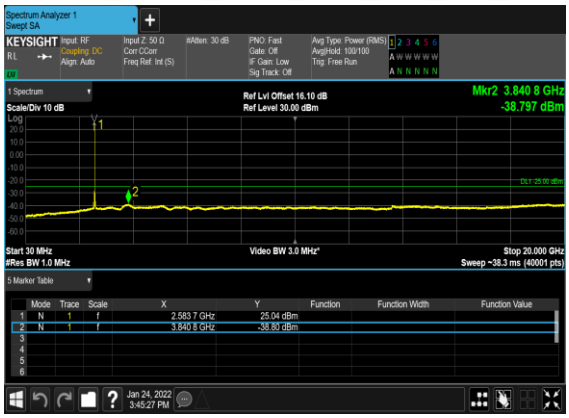
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



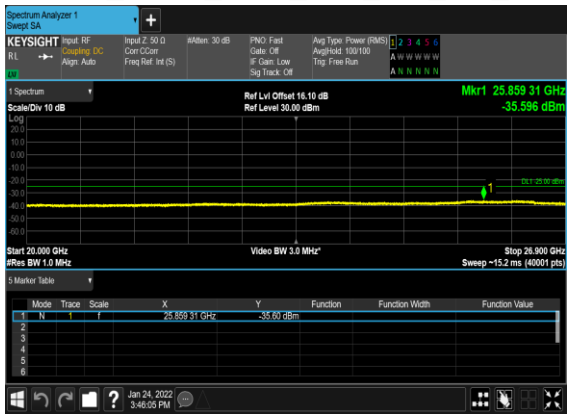
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



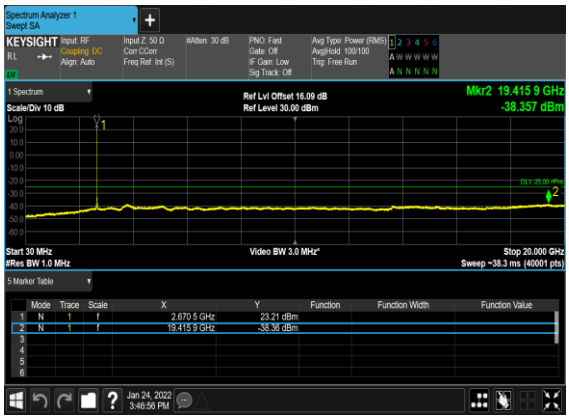
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



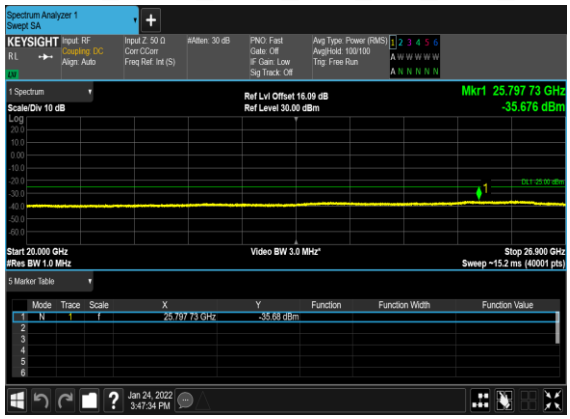
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



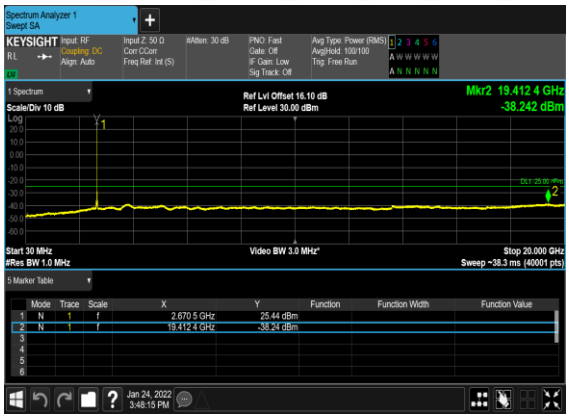
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



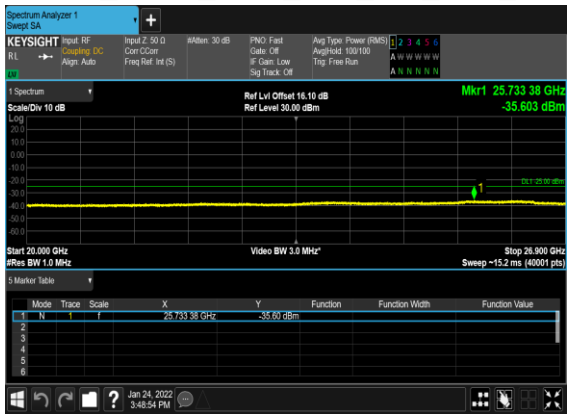
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



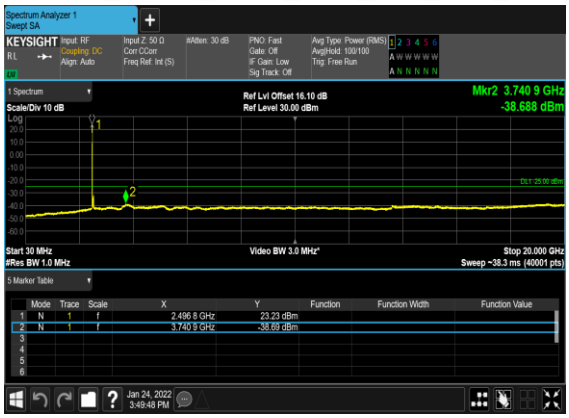
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



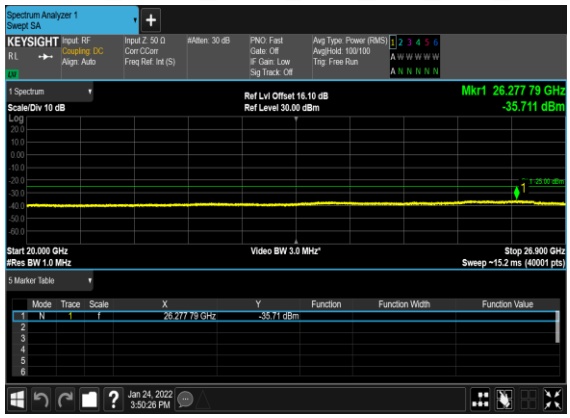
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



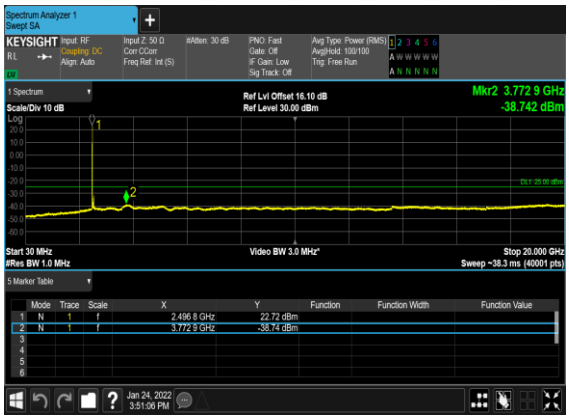
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



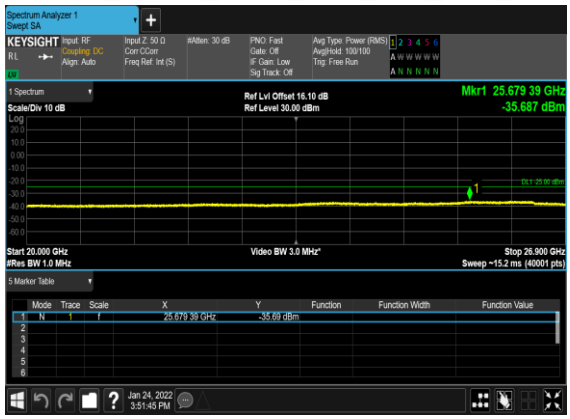
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



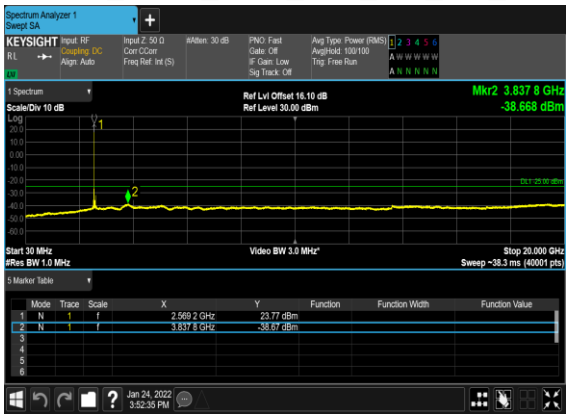
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



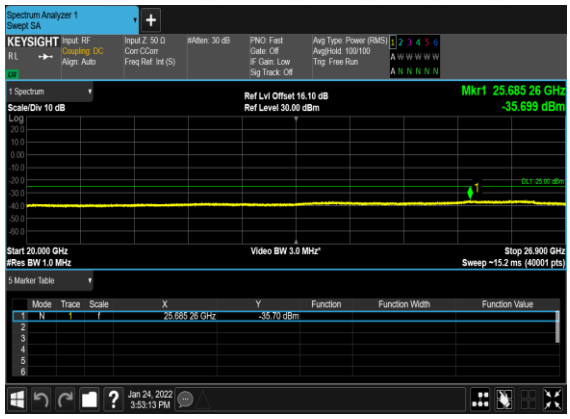
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



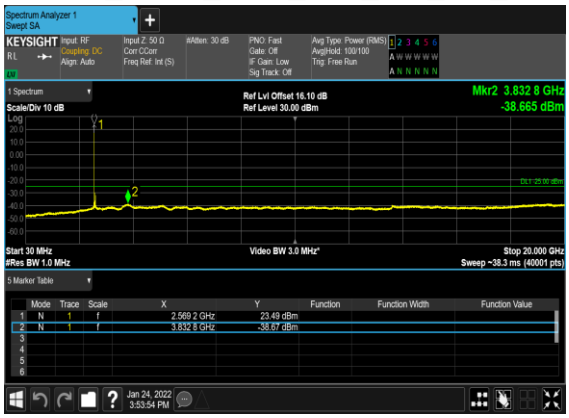
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



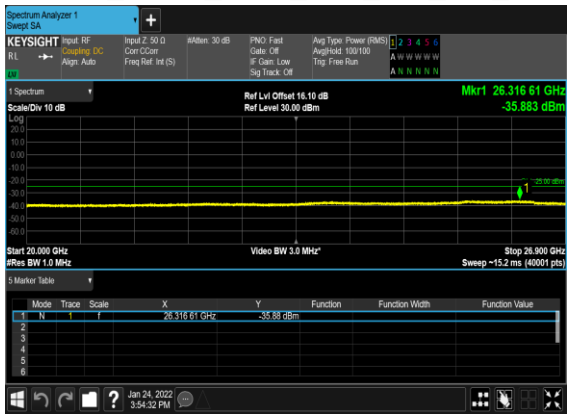
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



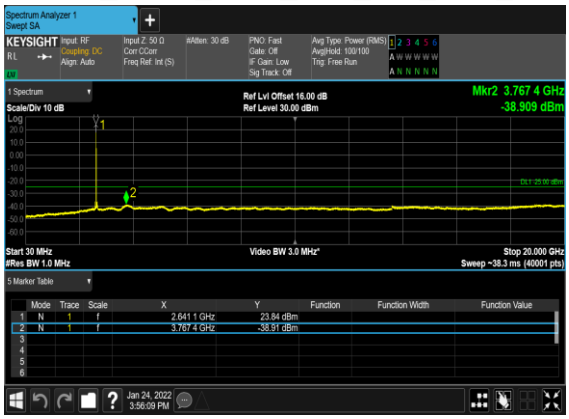
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



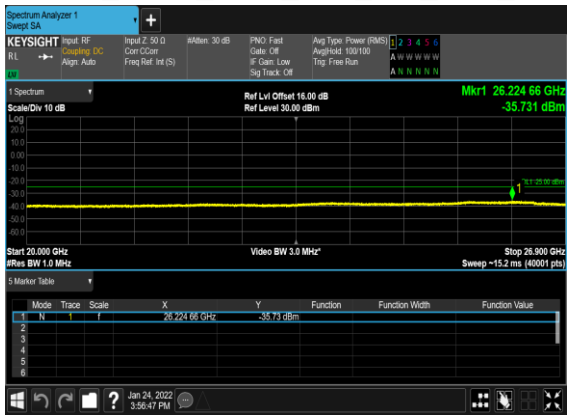
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



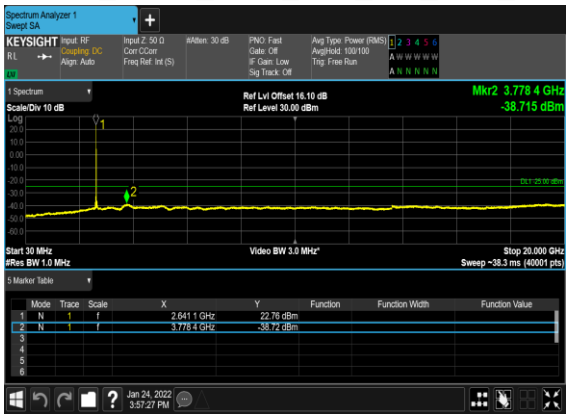
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



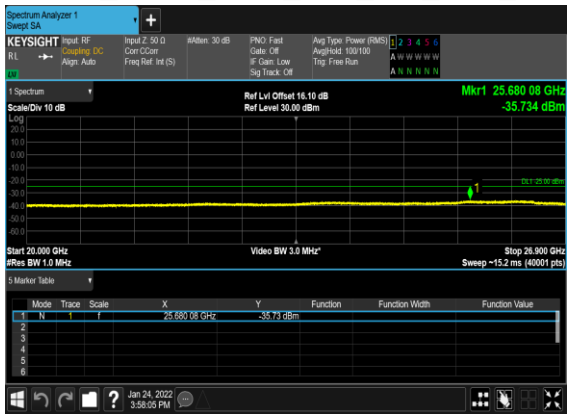
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



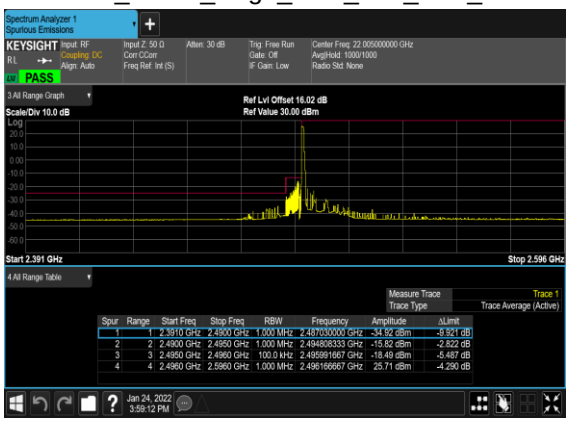
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



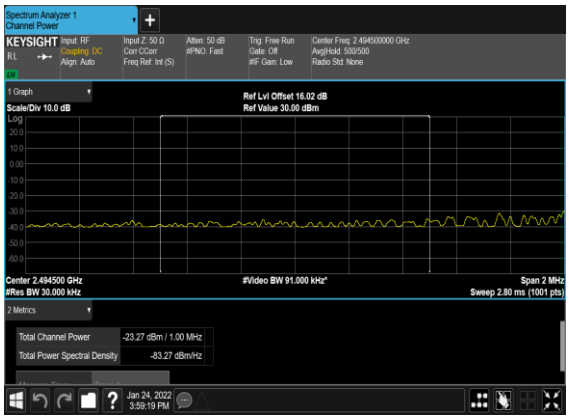
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	15	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	10	500202	2501.01	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
41	15	10	500202	2501.01	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
41	15	10	537000	2685.0	DFT-s-OFDM BPSK	1@51	see graph	**PASS**
41	15	10	537000	2685.0	DFT-s-OFDM QPSK	1@51	see graph	**PASS**
41	15	10	537000	2685.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
41	15	10	537000	2685.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	20	501201	2506.005	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
41	15	20	535998	2679.99	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
41	15	20	535998	2679.99	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	50	504201	2521.005	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
41	15	50	504201	2521.005	DFT-s-OFDM QPSK	270@0	see graph	**PASS**
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	1@269	see graph	**PASS**
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	1@269	see graph	**PASS**
41	15	50	532998	2664.99	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
41	15	50	532998	2664.99	DFT-s-OFDM QPSK	270@0	see graph	**PASS**

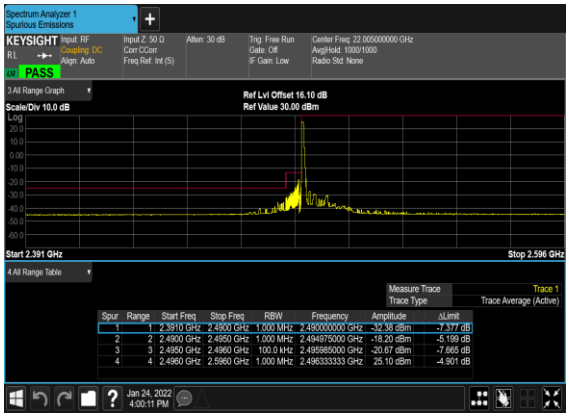
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



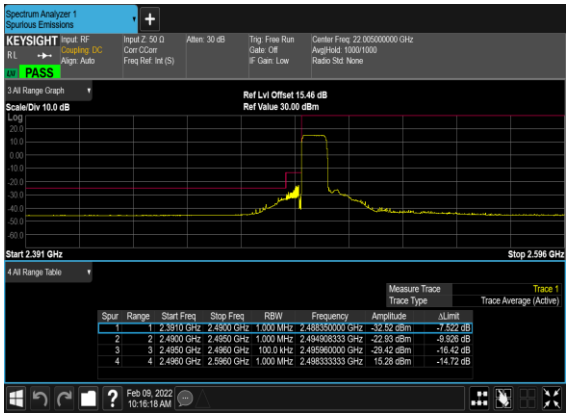
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



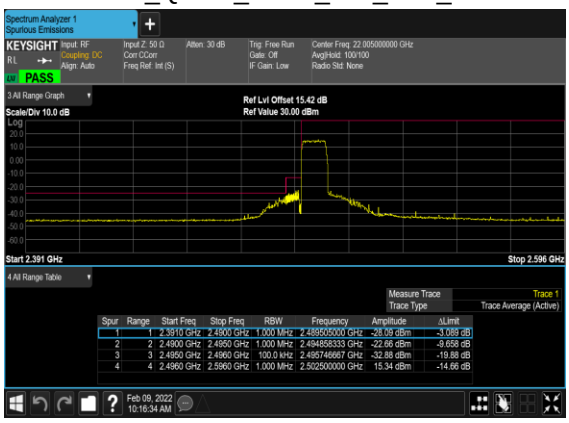
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



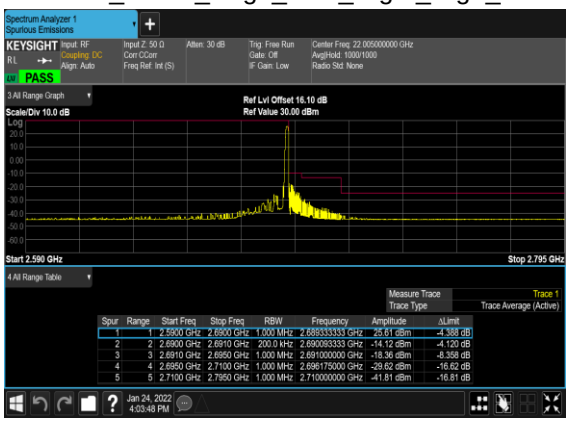
N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



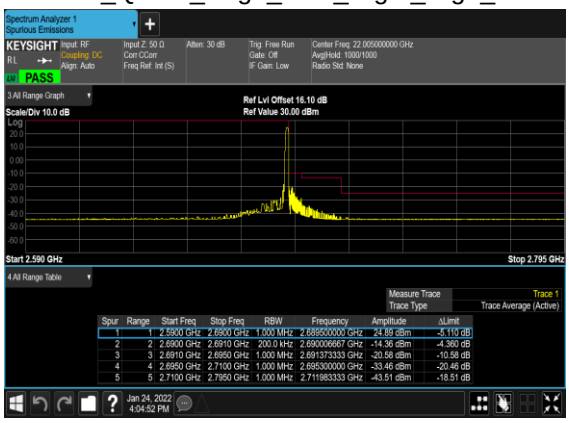
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



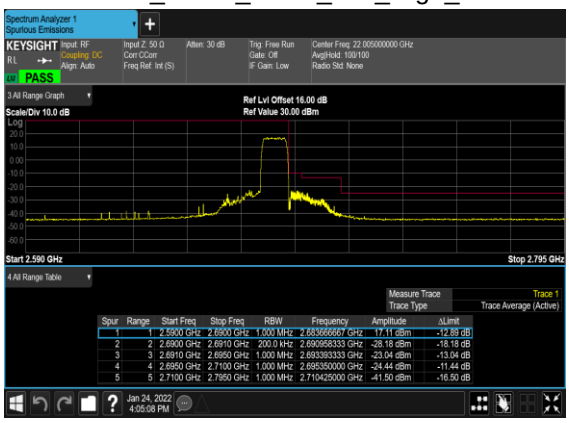
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



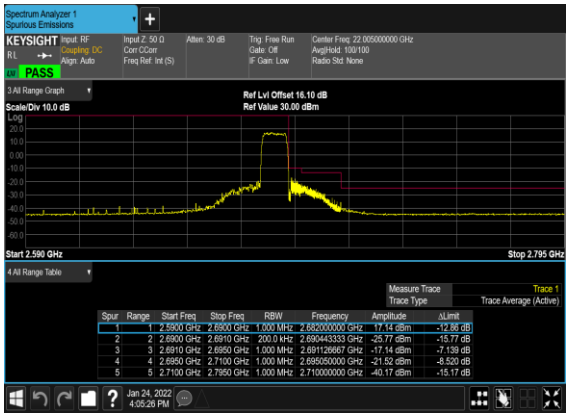
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



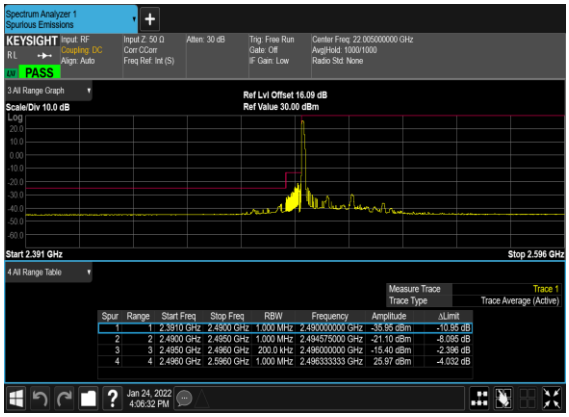
N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

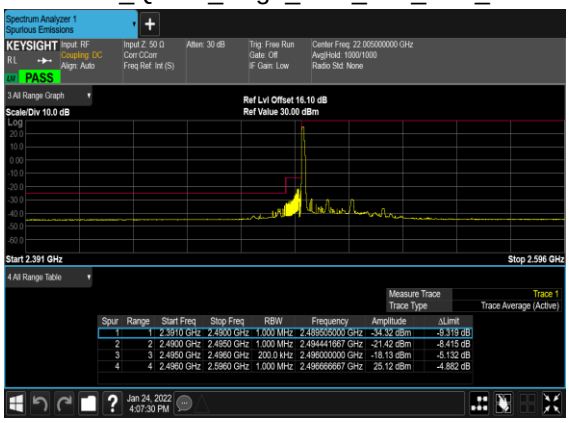


N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

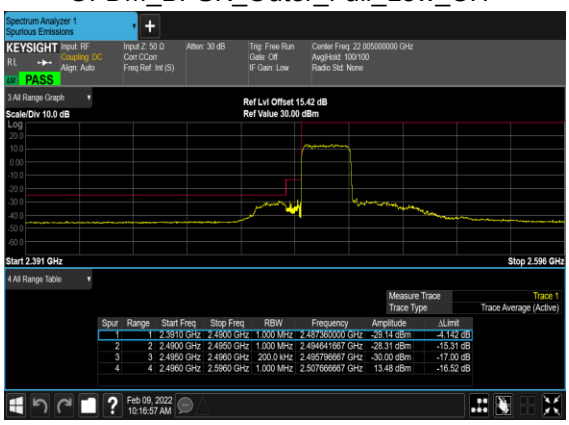


N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**

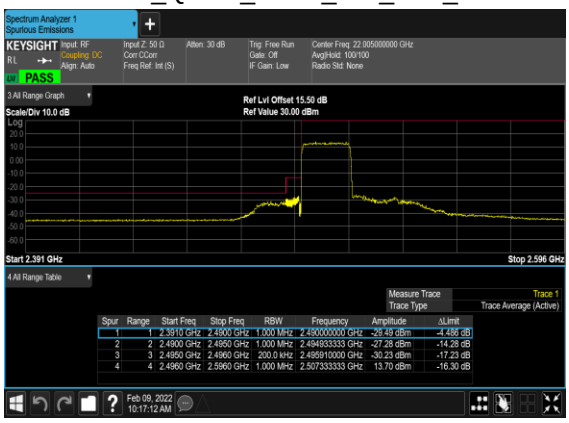
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



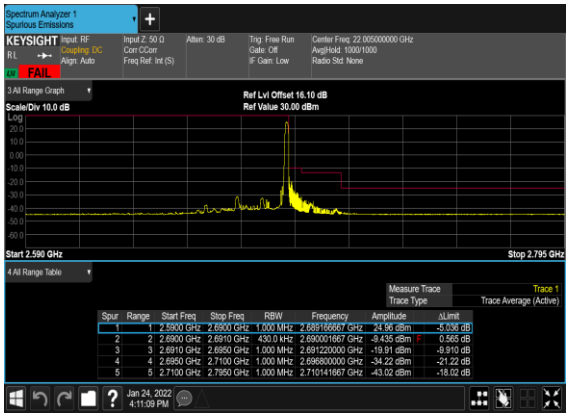
N41(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



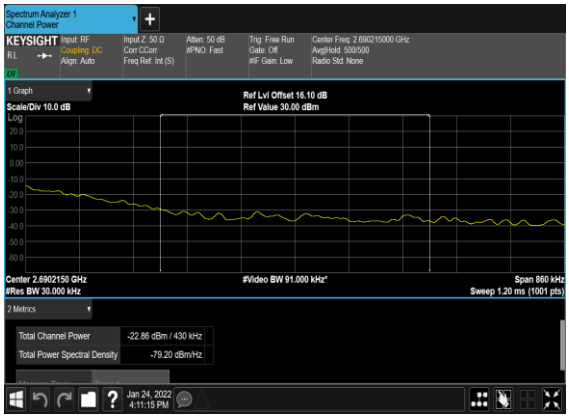
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



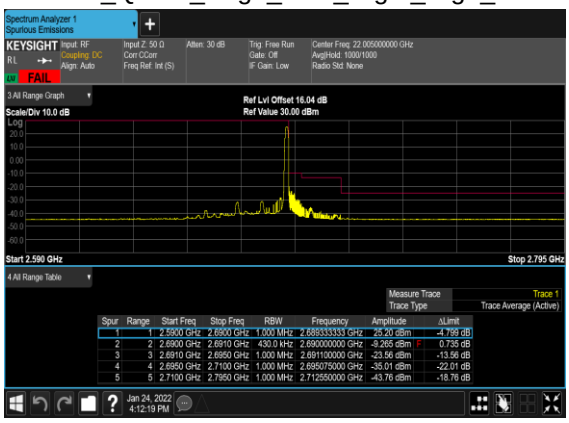
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



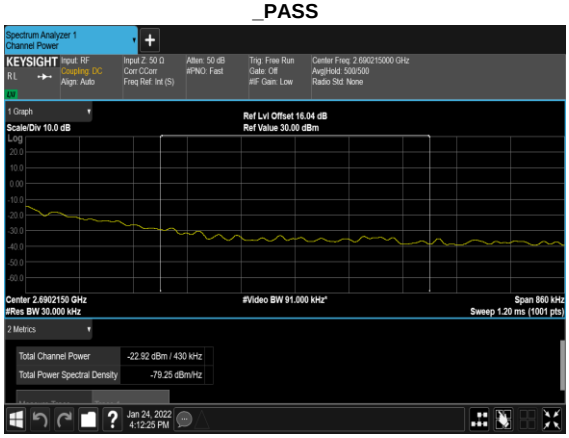
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



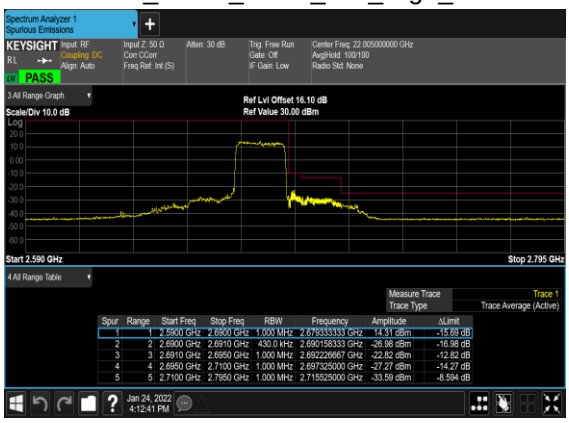
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



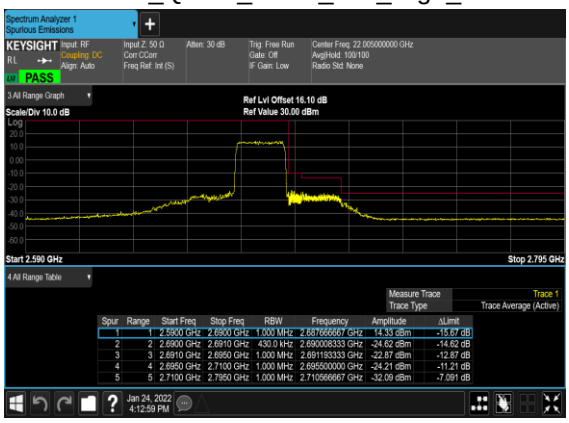
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



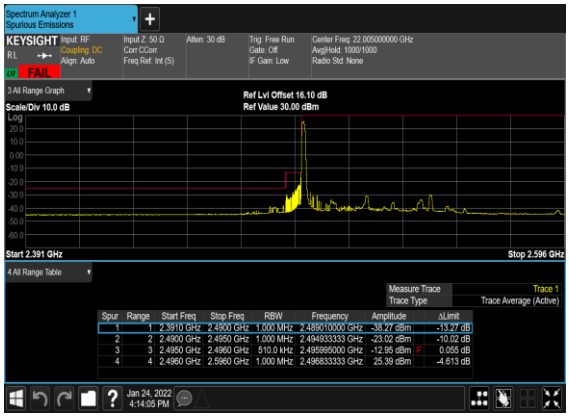
N41(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

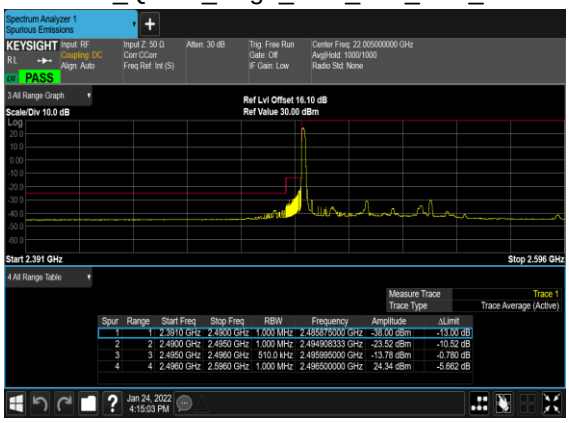


N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



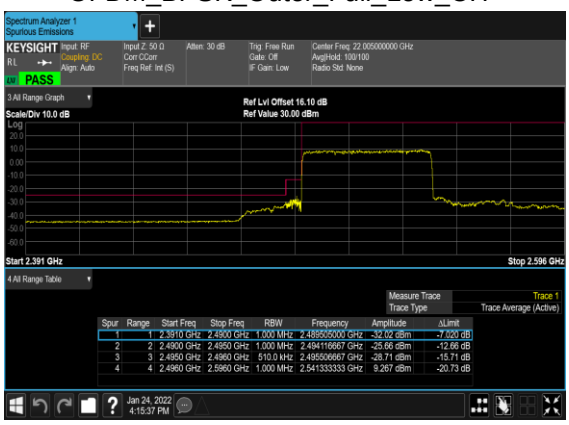
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**

N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

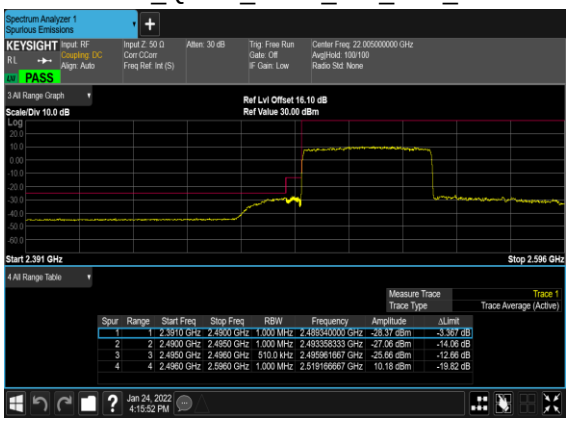


N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**

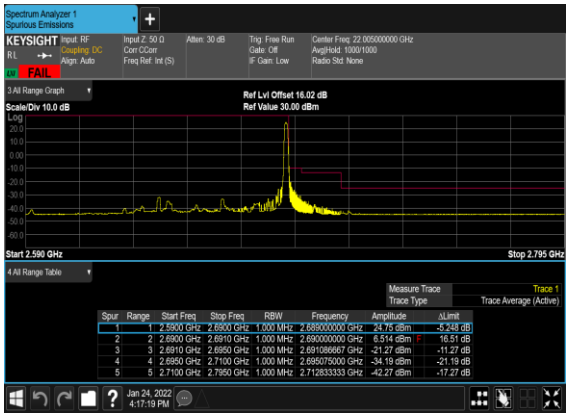
N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



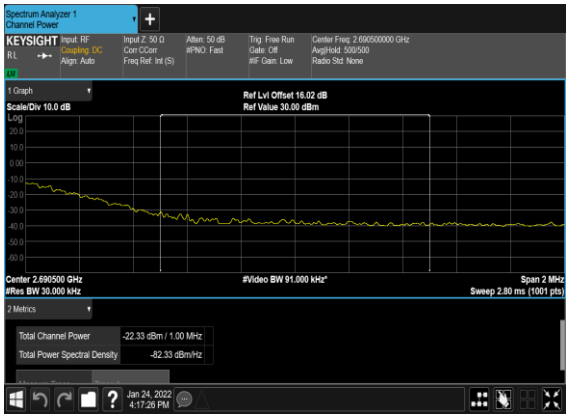
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



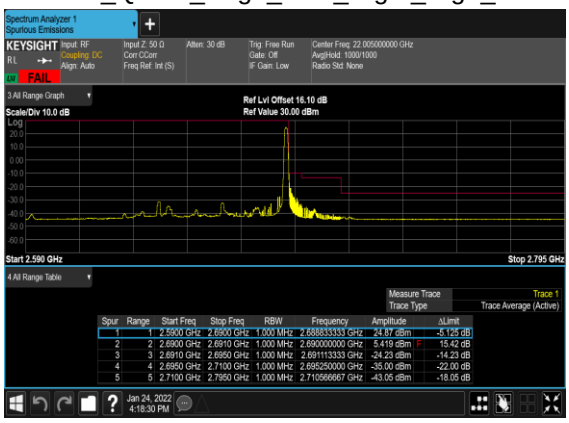
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



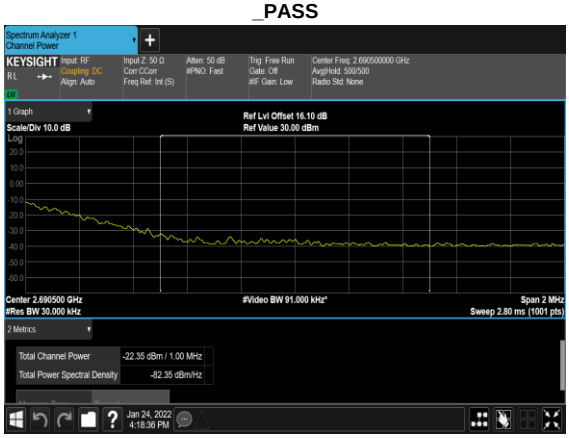
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



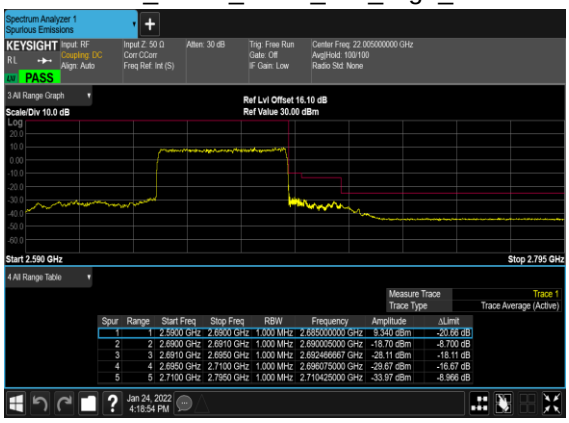
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



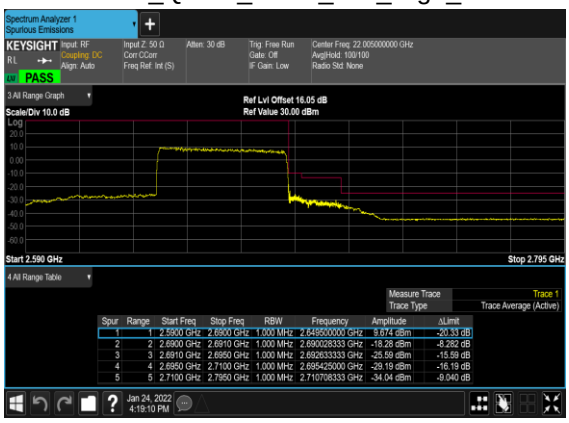
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 22.02.011702

FR1 N41(ANT2)

Transmitter Conducted Output Power And EIRP, (G_T-L_C)=-1.54dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	10	500202	2501.01	DFT-s-OFDM PI/2 BPSK	12@6	24.9	23.36	0.2168
41	30	10	500202	2501.01	DFT-s-OFDM PI/2 BPSK	1@1	24.76	23.22	0.2099
41	30	10	500202	2501.01	DFT-s-OFDM PI/2 BPSK	1@22	24.67	23.13	0.2056
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	12@6	24.83	23.29	0.2133
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	24.89	23.35	0.2163
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@22	24.46	22.92	0.1959
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	12@6	23.84	22.3	0.1698
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	23.7	22.16	0.1644
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@22	23.6	22.06	0.1607
41	30	10	500202	2501.01	DFT-s-OFDM 64 QAM	12@6	22.4	20.86	0.1219
41	30	10	500202	2501.01	DFT-s-OFDM 64 QAM	1@1	22.3	20.76	0.1191
41	30	10	500202	2501.01	DFT-s-OFDM 64 QAM	1@22	22.11	20.57	0.1140
41	30	10	500202	2501.01	DFT-s-OFDM 256 QAM	12@6	20.46	18.92	0.0780
41	30	10	500202	2501.01	DFT-s-OFDM 256 QAM	1@1	20.62	19.08	0.0809
41	30	10	500202	2501.01	DFT-s-OFDM 256 QAM	1@22	20.33	18.79	0.0757
41	30	10	500202	2501.01	CP-OFDM QPSK	12@6	23.37	21.83	0.1524
41	30	10	500202	2501.01	CP-OFDM QPSK	1@1	23.33	21.79	0.1510
41	30	10	500202	2501.01	CP-OFDM QPSK	1@22	23.15	21.61	0.1449
41	30	10	518598	2592.99	DFT-s-OFDM PI/2 BPSK	12@6	24.7	23.16	0.2070
41	30	10	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.63	23.09	0.2037
41	30	10	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@22	24.62	23.08	0.2032
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	12@6	24.67	23.13	0.2056
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.74	23.2	0.2089
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@22	24.54	23	0.1995
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	12@6	23.66	22.12	0.1629
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.57	22.03	0.1596
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@22	23.66	22.12	0.1629
41	30	10	518598	2592.99	DFT-s-OFDM	12@6	22.05	20.51	0.1125

					64 QAM				
41	30	10	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.21	20.67	0.1167
41	30	10	518598	2592.99	DFT-s-OFDM 64 QAM	1@22	22.11	20.57	0.1140
41	30	10	518598	2592.99	DFT-s-OFDM 256 QAM	12@6	20.17	18.63	0.0729
41	30	10	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.47	18.93	0.0782
41	30	10	518598	2592.99	DFT-s-OFDM 256 QAM	1@22	20.34	18.8	0.0759
41	30	10	518598	2592.99	CP-OFDM QPSK	12@6	23.03	21.49	0.1409
41	30	10	518598	2592.99	CP-OFDM QPSK	1@1	23.16	21.62	0.1452
41	30	10	518598	2592.99	CP-OFDM QPSK	1@22	23.04	21.5	0.1413
41	30	10	537000	2685	DFT-s-OFDM PI/2 BPSK	12@6	24.91	23.37	0.2173
41	30	10	537000	2685	DFT-s-OFDM PI/2 BPSK	1@1	24.79	23.25	0.2113
41	30	10	537000	2685	DFT-s-OFDM PI/2 BPSK	1@22	24.81	23.27	0.2123
41	30	10	537000	2685	DFT-s-OFDM QPSK	12@6	24.84	23.3	0.2138
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	24.86	23.32	0.2148
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@22	24.68	23.14	0.2061
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	12@6	23.89	22.35	0.1718
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	23.82	22.28	0.1690
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@22	24	22.46	0.1762
41	30	10	537000	2685	DFT-s-OFDM 64 QAM	12@6	22.4	20.86	0.1219
41	30	10	537000	2685	DFT-s-OFDM 64 QAM	1@1	22.25	20.71	0.1178
41	30	10	537000	2685	DFT-s-OFDM 64 QAM	1@22	22.36	20.82	0.1208
41	30	10	537000	2685	DFT-s-OFDM 256 QAM	12@6	20.42	18.88	0.0773
41	30	10	537000	2685	DFT-s-OFDM 256 QAM	1@1	20.53	18.99	0.0793
41	30	10	537000	2685	DFT-s-OFDM 256 QAM	1@22	20.59	19.05	0.0804
41	30	10	537000	2685	CP-OFDM QPSK	12@6	23.34	21.8	0.1514
41	30	10	537000	2685	CP-OFDM QPSK	1@1	23.24	21.7	0.1479
41	30	10	537000	2685	CP-OFDM QPSK	1@22	23.25	21.71	0.1483
41	30	15	500700	2503.5	DFT-s-OFDM PI/2 BPSK	18@9	24.86	23.32	0.2148
41	30	15	500700	2503.5	DFT-s-OFDM PI/2 BPSK	1@1	24.8	23.26	0.2118
41	30	15	500700	2503.5	DFT-s-OFDM PI/2 BPSK	1@36	24.67	23.13	0.2056
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	18@9	24.8	23.26	0.2118
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	24.64	23.1	0.2042
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@36	24.52	22.98	0.1986
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	18@9	23.8	22.26	0.1683

41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	23.77	22.23	0.1671
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@36	23.75	22.21	0.1663
41	30	15	500700	2503.5	DFT-s-OFDM 64 QAM	18@9	22.36	20.82	0.1208
41	30	15	500700	2503.5	DFT-s-OFDM 64 QAM	1@1	22.29	20.75	0.1189
41	30	15	500700	2503.5	DFT-s-OFDM 64 QAM	1@36	22.26	20.72	0.1180
41	30	15	500700	2503.5	DFT-s-OFDM 256 QAM	18@9	20.44	18.9	0.0776
41	30	15	500700	2503.5	DFT-s-OFDM 256 QAM	1@1	20.41	18.87	0.0771
41	30	15	500700	2503.5	DFT-s-OFDM 256 QAM	1@36	20.35	18.81	0.0760
41	30	15	500700	2503.5	CP-OFDM QPSK	19@9	23.3	21.76	0.1500
41	30	15	500700	2503.5	CP-OFDM QPSK	1@1	23.11	21.57	0.1435
41	30	15	500700	2503.5	CP-OFDM QPSK	1@36	23.1	21.56	0.1432
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	18@9	24.69	23.15	0.2065
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.78	23.24	0.2109
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@36	24.72	23.18	0.2080
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	18@9	24.69	23.15	0.2065
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.68	23.14	0.2061
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@36	24.61	23.07	0.2028
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	18@9	23.5	21.96	0.1570
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.84	22.3	0.1698
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@36	23.8	22.26	0.1683
41	30	15	518598	2592.99	DFT-s-OFDM 64 QAM	18@9	22.14	20.6	0.1148
41	30	15	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.18	20.64	0.1159
41	30	15	518598	2592.99	DFT-s-OFDM 64 QAM	1@36	22.2	20.66	0.1164
41	30	15	518598	2592.99	DFT-s-OFDM 256 QAM	18@9	20.14	18.6	0.0724
41	30	15	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.35	18.81	0.0760
41	30	15	518598	2592.99	DFT-s-OFDM 256 QAM	1@36	20.3	18.76	0.0752
41	30	15	518598	2592.99	CP-OFDM QPSK	19@9	23.09	21.55	0.1429
41	30	15	518598	2592.99	CP-OFDM QPSK	1@1	23.11	21.57	0.1435
41	30	15	518598	2592.99	CP-OFDM QPSK	1@36	22.91	21.37	0.1371
41	30	15	536496	2682.48	DFT-s-OFDM PI/2 BPSK	18@9	24.84	23.3	0.2138
41	30	15	536496	2682.48	DFT-s-OFDM PI/2 BPSK	1@1	24.76	23.22	0.2099
41	30	15	536496	2682.48	DFT-s-OFDM PI/2 BPSK	1@36	24.89	23.35	0.2163
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	18@9	24.87	23.33	0.2153
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	24.66	23.12	0.2051

41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@36	24.78	23.24	0.2109
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	18@9	23.82	22.28	0.1690
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	23.63	22.09	0.1618
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@36	24.08	22.54	0.1795
41	30	15	536496	2682.48	DFT-s-OFDM 64 QAM	18@9	22.37	20.83	0.1211
41	30	15	536496	2682.48	DFT-s-OFDM 64 QAM	1@1	22.12	20.58	0.1143
41	30	15	536496	2682.48	DFT-s-OFDM 64 QAM	1@36	22.36	20.82	0.1208
41	30	15	536496	2682.48	DFT-s-OFDM 256 QAM	18@9	20.39	18.85	0.0767
41	30	15	536496	2682.48	DFT-s-OFDM 256 QAM	1@1	20.61	19.07	0.0807
41	30	15	536496	2682.48	DFT-s-OFDM 256 QAM	1@36	20.65	19.11	0.0815
41	30	15	536496	2682.48	CP-OFDM QPSK	19@9	23.37	21.83	0.1524
41	30	15	536496	2682.48	CP-OFDM QPSK	1@1	23.16	21.62	0.1452
41	30	15	536496	2682.48	CP-OFDM QPSK	1@36	23.11	21.57	0.1435
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	25@12	24.87	23.33	0.2153
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@1	24.76	23.22	0.2099
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@49	24.67	23.13	0.2056
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	25@12	24.79	23.25	0.2113
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	24.94	23.4	0.2188
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@49	24.58	23.04	0.2014
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	25@12	23.89	22.35	0.1718
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	23.7	22.16	0.1644
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@49	23.71	22.17	0.1648
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	25@12	22.32	20.78	0.1197
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	1@1	22.32	20.78	0.1197
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	1@49	22.07	20.53	0.1130
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	25@12	20.38	18.84	0.0766
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	1@1	20.44	18.9	0.0776
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	1@49	20.49	18.95	0.0785
41	30	20	501204	2506.02	CP-OFDM QPSK	25@12	23.28	21.74	0.1493
41	30	20	501204	2506.02	CP-OFDM QPSK	1@1	23.26	21.72	0.1486
41	30	20	501204	2506.02	CP-OFDM QPSK	1@49	23.12	21.58	0.1439
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	25@12	24.66	23.12	0.2051
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.67	23.13	0.2056
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@49	24.77	23.23	0.2104

41	30	20	518598	2592.99	DFT-s-OFDM QPSK	25@12	24.63	23.09	0.2037
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.59	23.05	0.2018
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@49	24.73	23.19	0.2084
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	25@12	23.61	22.07	0.1611
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.54	22	0.1585
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@49	23.93	22.39	0.1734
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	25@12	22.09	20.55	0.1135
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.13	20.59	0.1146
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	1@49	22.15	20.61	0.1151
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	25@12	20.2	18.66	0.0735
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.26	18.72	0.0745
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	1@49	20.32	18.78	0.0755
41	30	20	518598	2592.99	CP-OFDM QPSK	25@12	23.1	21.56	0.1432
41	30	20	518598	2592.99	CP-OFDM QPSK	1@1	23	21.46	0.1400
41	30	20	518598	2592.99	CP-OFDM QPSK	1@49	23.01	21.47	0.1403
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	25@12	24.83	23.29	0.2133
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@1	24.77	23.23	0.2104
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@49	25	23.46	0.2218
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	25@12	24.81	23.27	0.2123
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	24.69	23.15	0.2065
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@49	24.94	23.4	0.2188
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	25@12	23.8	22.26	0.1683
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	23.87	22.33	0.1710
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@49	24.08	22.54	0.1795
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	25@12	22.27	20.73	0.1183
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	1@1	22.26	20.72	0.1180
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	1@49	22.57	21.03	0.1268
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	25@12	20.36	18.82	0.0762
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	1@1	20.39	18.85	0.0767
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	1@49	20.67	19.13	0.0818
41	30	20	535998	2679.99	CP-OFDM QPSK	25@12	23.3	21.76	0.1500
41	30	20	535998	2679.99	CP-OFDM QPSK	1@1	23.33	21.79	0.1510
41	30	20	535998	2679.99	CP-OFDM QPSK	1@49	23.46	21.92	0.1556
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	36@18	25.32	23.78	0.2388

41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	1@1	25.28	23.74	0.2366
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	1@76	25.24	23.7	0.2344
41	30	30	502200	2511	DFT-s-OFDM QPSK	36@18	25.31	23.77	0.2382
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	25.23	23.69	0.2339
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@76	25.18	23.64	0.2312
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	36@18	24.29	22.75	0.1884
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	24.39	22.85	0.1928
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@76	24.17	22.63	0.1832
41	30	30	502200	2511	DFT-s-OFDM 64 QAM	36@18	22.8	21.26	0.1337
41	30	30	502200	2511	DFT-s-OFDM 64 QAM	1@1	22.82	21.28	0.1343
41	30	30	502200	2511	DFT-s-OFDM 64 QAM	1@76	22.71	21.17	0.1309
41	30	30	502200	2511	DFT-s-OFDM 256 QAM	36@18	20.74	19.2	0.0832
41	30	30	502200	2511	DFT-s-OFDM 256 QAM	1@1	20.89	19.35	0.0861
41	30	30	502200	2511	DFT-s-OFDM 256 QAM	1@76	21.03	19.49	0.0889
41	30	30	502200	2511	CP-OFDM QPSK	39@19	23.75	22.21	0.1663
41	30	30	502200	2511	CP-OFDM QPSK	1@1	23.74	22.2	0.1660
41	30	30	502200	2511	CP-OFDM QPSK	1@76	23.49	21.95	0.1567
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	36@18	25.35	23.81	0.2404
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.19	23.65	0.2317
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@76	25.27	23.73	0.2360
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	36@18	25.32	23.78	0.2388
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.36	23.82	0.2410
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@76	25.11	23.57	0.2275
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	36@18	24.3	22.76	0.1888
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.26	22.72	0.1871
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@76	24.35	22.81	0.1910
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	36@18	22.74	21.2	0.1318
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.59	21.05	0.1274
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	1@76	22.61	21.07	0.1279
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	36@18	20.75	19.21	0.0834
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.76	19.22	0.0836
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	1@76	20.87	19.33	0.0857
41	30	30	518598	2592.99	CP-OFDM QPSK	39@19	23.77	22.23	0.1671
41	30	30	518598	2592.99	CP-OFDM QPSK	1@1	23.57	22.03	0.1596

41	30	30	518598	2592.99	CP-OFDM QPSK	1@76	23.55	22.01	0.1589
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	36@18	25.33	23.79	0.2393
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@1	25.06	23.52	0.2249
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@76	25.27	23.73	0.2360
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	36@18	25.32	23.78	0.2388
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	25.32	23.78	0.2388
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@76	25.23	23.69	0.2339
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	36@18	24.29	22.75	0.1884
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	24.2	22.66	0.1845
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@76	24.4	22.86	0.1932
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	36@18	22.78	21.24	0.1330
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	1@1	22.58	21.04	0.1271
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	1@76	22.87	21.33	0.1358
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	36@18	20.82	19.28	0.0847
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	1@1	20.9	19.36	0.0863
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	1@76	21.18	19.64	0.0920
41	30	30	534996	2674.98	CP-OFDM QPSK	39@19	23.79	22.25	0.1679
41	30	30	534996	2674.98	CP-OFDM QPSK	1@1	23.41	21.87	0.1538
41	30	30	534996	2674.98	CP-OFDM QPSK	1@76	23.52	21.98	0.1578
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	50@25	25.28	23.74	0.2366
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@1	25.29	23.75	0.2371
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@104	25.23	23.69	0.2339
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	50@25	25.27	23.73	0.2360
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	25.23	23.69	0.2339
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@104	25.32	23.78	0.2388
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	50@25	24.25	22.71	0.1866
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	24.25	22.71	0.1866
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@104	24.55	23.01	0.2000
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	50@25	22.76	21.22	0.1324
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	1@1	22.79	21.25	0.1334
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	1@104	22.77	21.23	0.1327
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	50@25	20.71	19.17	0.0826
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	1@1	21.01	19.47	0.0885
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	1@104	21.23	19.69	0.0931

41	30	40	503202	2516.01	CP-OFDM QPSK	53@26	23.79	22.25	0.1679
41	30	40	503202	2516.01	CP-OFDM QPSK	1@1	23.79	22.25	0.1679
41	30	40	503202	2516.01	CP-OFDM QPSK	1@104	23.72	22.18	0.1652
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@25	25.24	23.7	0.2344
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.14	23.6	0.2291
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@104	25.18	23.64	0.2312
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	50@25	25.29	23.75	0.2371
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.06	23.52	0.2249
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@104	25.34	23.8	0.2399
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	50@25	24.27	22.73	0.1875
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.13	22.59	0.1816
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@104	24.38	22.84	0.1923
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	50@25	22.76	21.22	0.1324
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.65	21.11	0.1291
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	1@104	22.84	21.3	0.1349
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	50@25	20.72	19.18	0.0828
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.86	19.32	0.0855
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	1@104	21.19	19.65	0.0923
41	30	40	518598	2592.99	CP-OFDM QPSK	53@26	23.77	22.23	0.1671
41	30	40	518598	2592.99	CP-OFDM QPSK	1@1	23.61	22.07	0.1611
41	30	40	518598	2592.99	CP-OFDM QPSK	1@104	23.7	22.16	0.1644
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	50@25	25.29	23.75	0.2371
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	1@1	25.09	23.55	0.2265
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	1@104	25.25	23.71	0.2350
41	30	40	534000	2670	DFT-s-OFDM QPSK	50@25	25.29	23.75	0.2371
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	25.09	23.55	0.2265
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@104	25.21	23.67	0.2328
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	50@25	24.28	22.74	0.1879
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	23.94	22.4	0.1738
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@104	24.65	23.11	0.2046
41	30	40	534000	2670	DFT-s-OFDM 64 QAM	50@25	22.78	21.24	0.1330
41	30	40	534000	2670	DFT-s-OFDM 64 QAM	1@1	22.56	21.02	0.1265
41	30	40	534000	2670	DFT-s-OFDM 64 QAM	1@104	22.95	21.41	0.1384
41	30	40	534000	2670	DFT-s-OFDM 256 QAM	50@25	20.78	19.24	0.0839

41	30	40	534000	2670	DFT-s-OFDM 256 QAM	1@1	20.89	19.35	0.0861
41	30	40	534000	2670	DFT-s-OFDM 256 QAM	1@104	21.33	19.79	0.0953
41	30	40	534000	2670	CP-OFDM QPSK	53@26	23.85	22.31	0.1702
41	30	40	534000	2670	CP-OFDM QPSK	1@1	23.4	21.86	0.1535
41	30	40	534000	2670	CP-OFDM QPSK	1@104	23.71	22.17	0.1648
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	64@32	25.28	23.74	0.2366
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@1	25.26	23.72	0.2355
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@131	25.18	23.64	0.2312
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	64@32	25.25	23.71	0.2350
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	25.04	23.5	0.2239
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@131	25.07	23.53	0.2254
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	64@32	24.26	22.72	0.1871
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	24.23	22.69	0.1858
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@131	24.08	22.54	0.1795
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	64@32	22.75	21.21	0.1321
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	1@1	22.66	21.12	0.1294
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	1@131	22.56	21.02	0.1265
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	64@32	20.66	19.12	0.0817
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	1@1	20.83	19.29	0.0849
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	1@131	20.85	19.31	0.0853
41	30	50	504204	2521.02	CP-OFDM QPSK	67@33	23.75	22.21	0.1663
41	30	50	504204	2521.02	CP-OFDM QPSK	1@1	23.65	22.11	0.1626
41	30	50	504204	2521.02	CP-OFDM QPSK	1@131	23.52	21.98	0.1578
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	64@32	25.25	23.71	0.2350
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.07	23.53	0.2254
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@131	25.12	23.58	0.2280
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	64@32	25.28	23.74	0.2366
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.06	23.52	0.2249
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@131	25.23	23.69	0.2339
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	64@32	24.24	22.7	0.1862
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.16	22.62	0.1828
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@131	24.26	22.72	0.1871
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	64@32	22.74	21.2	0.1318
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.53	20.99	0.1256

41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	1@131	22.79	21.25	0.1334
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	64@32	20.67	19.13	0.0818
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.71	19.17	0.0826
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	1@131	20.93	19.39	0.0869
41	30	50	518598	2592.99	CP-OFDM QPSK	67@33	23.74	22.2	0.1660
41	30	50	518598	2592.99	CP-OFDM QPSK	1@1	23.53	21.99	0.1581
41	30	50	518598	2592.99	CP-OFDM QPSK	1@131	23.71	22.17	0.1648
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	64@32	25.27	23.73	0.2360
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@1	25.02	23.48	0.2228
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@131	25.39	23.85	0.2427
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	64@32	25.24	23.7	0.2344
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	24.95	23.41	0.2193
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@131	25.35	23.81	0.2404
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	64@32	24.25	22.71	0.1866
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	24.13	22.59	0.1816
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@131	24.62	23.08	0.2032
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	64@32	22.75	21.21	0.1321
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@1	22.3	20.76	0.1191
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@131	22.67	21.13	0.1297
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	64@32	20.7	19.16	0.0824
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@1	20.75	19.21	0.0834
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@131	20.94	19.4	0.0871
41	30	50	532998	2664.99	CP-OFDM QPSK	67@33	23.72	22.18	0.1652
41	30	50	532998	2664.99	CP-OFDM QPSK	1@1	23.4	21.86	0.1535
41	30	50	532998	2664.99	CP-OFDM QPSK	1@131	23.72	22.18	0.1652
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	81@40	25.32	23.78	0.2388
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@1	25.23	23.69	0.2339
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@160	25.08	23.54	0.2259
41	30	60	505200	2526	DFT-s-OFDM QPSK	81@40	25.31	23.77	0.2382
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	25.24	23.7	0.2344
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@160	25.15	23.61	0.2296
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	81@40	24.36	22.82	0.1914
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	24.27	22.73	0.1875
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@160	24.14	22.6	0.1820

41	30	60	505200	2526	DFT-s-OFDM 64 QAM	81@40	22.78	21.24	0.1330
41	30	60	505200	2526	DFT-s-OFDM 64 QAM	1@1	22.59	21.05	0.1274
41	30	60	505200	2526	DFT-s-OFDM 64 QAM	1@160	22.58	21.04	0.1271
41	30	60	505200	2526	DFT-s-OFDM 256 QAM	81@40	20.74	19.2	0.0832
41	30	60	505200	2526	DFT-s-OFDM 256 QAM	1@1	20.77	19.23	0.0838
41	30	60	505200	2526	DFT-s-OFDM 256 QAM	1@160	20.64	19.1	0.0813
41	30	60	505200	2526	CP-OFDM QPSK	81@40	23.8	22.26	0.1683
41	30	60	505200	2526	CP-OFDM QPSK	1@1	23.67	22.13	0.1633
41	30	60	505200	2526	CP-OFDM QPSK	1@160	23.51	21.97	0.1574
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	81@40	25.28	23.74	0.2366
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.01	23.47	0.2223
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@160	25.21	23.67	0.2328
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	81@40	25.3	23.76	0.2377
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.27	23.73	0.2360
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@160	25.36	23.82	0.2410
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	81@40	24.28	22.74	0.1879
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.13	22.59	0.1816
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@160	24.53	22.99	0.1991
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	81@40	22.71	21.17	0.1309
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.46	20.92	0.1236
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	1@160	22.77	21.23	0.1327
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	81@40	20.68	19.14	0.0820
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.55	19.01	0.0796
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	1@160	21.05	19.51	0.0893
41	30	60	518598	2592.99	CP-OFDM QPSK	81@40	23.7	22.16	0.1644
41	30	60	518598	2592.99	CP-OFDM QPSK	1@1	23.4	21.86	0.1535
41	30	60	518598	2592.99	CP-OFDM QPSK	1@160	23.86	22.32	0.1706
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	81@40	25.32	23.78	0.2388
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@1	25.07	23.53	0.2254
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@160	25.21	23.67	0.2328
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	81@40	25.28	23.74	0.2366
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.1	23.56	0.2270
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@160	25.12	23.58	0.2280
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	81@40	24.26	22.72	0.1871

41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	24	22.46	0.1762
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@160	24.44	22.9	0.1950
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	81@40	22.75	21.21	0.1321
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	1@1	22.36	20.82	0.1208
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	1@160	22.8	21.26	0.1337
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	81@40	20.71	19.17	0.0826
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	1@1	20.64	19.1	0.0813
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	1@160	21.18	19.64	0.0920
41	30	60	531996	2659.98	CP-OFDM QPSK	81@40	23.72	22.18	0.1652
41	30	60	531996	2659.98	CP-OFDM QPSK	1@1	23.31	21.77	0.1503
41	30	60	531996	2659.98	CP-OFDM QPSK	1@160	23.64	22.1	0.1622
41	30	70	506202	2531.01	DFT-s-OFDM PI/2 BPSK	90@45	25.21	23.67	0.2328
41	30	70	506202	2531.01	DFT-s-OFDM PI/2 BPSK	1@1	25.29	23.75	0.2371
41	30	70	506202	2531.01	DFT-s-OFDM PI/2 BPSK	1@187	25.09	23.55	0.2265
41	30	70	506202	2531.01	DFT-s-OFDM QPSK	90@45	25.23	23.69	0.2339
41	30	70	506202	2531.01	DFT-s-OFDM QPSK	1@1	25.22	23.68	0.2333
41	30	70	506202	2531.01	DFT-s-OFDM QPSK	1@187	25.07	23.53	0.2254
41	30	70	506202	2531.01	DFT-s-OFDM 16 QAM	90@45	24.43	22.89	0.1945
41	30	70	506202	2531.01	DFT-s-OFDM 16 QAM	1@1	24.18	22.64	0.1837
41	30	70	506202	2531.01	DFT-s-OFDM 16 QAM	1@187	24.02	22.48	0.1770
41	30	70	506202	2531.01	DFT-s-OFDM 64 QAM	90@45	22.88	21.34	0.1361
41	30	70	506202	2531.01	DFT-s-OFDM 64 QAM	1@1	22.65	21.11	0.1291
41	30	70	506202	2531.01	DFT-s-OFDM 64 QAM	1@187	22.5	20.96	0.1247
41	30	70	506202	2531.01	DFT-s-OFDM 256 QAM	90@45	20.81	19.27	0.0845
41	30	70	506202	2531.01	DFT-s-OFDM 256 QAM	1@1	20.77	19.23	0.0838
41	30	70	506202	2531.01	DFT-s-OFDM 256 QAM	1@187	20.58	19.04	0.0802
41	30	70	506202	2531.01	CP-OFDM QPSK	95@47	23.86	22.32	0.1706
41	30	70	506202	2531.01	CP-OFDM QPSK	1@1	23.71	22.17	0.1648
41	30	70	506202	2531.01	CP-OFDM QPSK	1@187	23.55	22.01	0.1589
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	90@45	25.33	23.79	0.2393
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.95	23.41	0.2193
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@187	25.12	23.58	0.2280
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	90@45	25.34	23.8	0.2399
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.14	23.6	0.2291

41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@187	25.12	23.58	0.2280
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	90@45	24.29	22.75	0.1884
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.03	22.49	0.1774
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@187	24.62	23.08	0.2032
41	30	70	518598	2592.99	DFT-s-OFDM 64 QAM	90@45	22.72	21.18	0.1312
41	30	70	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.3	20.76	0.1191
41	30	70	518598	2592.99	DFT-s-OFDM 64 QAM	1@187	22.9	21.36	0.1368
41	30	70	518598	2592.99	DFT-s-OFDM 256 QAM	90@45	20.72	19.18	0.0828
41	30	70	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.41	18.87	0.0771
41	30	70	518598	2592.99	DFT-s-OFDM 256 QAM	1@187	21.1	19.56	0.0904
41	30	70	518598	2592.99	CP-OFDM QPSK	95@47	23.72	22.18	0.1652
41	30	70	518598	2592.99	CP-OFDM QPSK	1@1	23.37	21.83	0.1524
41	30	70	518598	2592.99	CP-OFDM QPSK	1@187	23.86	22.32	0.1706
41	30	70	531000	2655	DFT-s-OFDM PI/2 BPSK	90@45	25.37	23.83	0.2415
41	30	70	531000	2655	DFT-s-OFDM PI/2 BPSK	1@1	25.05	23.51	0.2244
41	30	70	531000	2655	DFT-s-OFDM PI/2 BPSK	1@187	25.12	23.58	0.2280
41	30	70	531000	2655	DFT-s-OFDM QPSK	90@45	25.34	23.8	0.2399
41	30	70	531000	2655	DFT-s-OFDM QPSK	1@1	25.09	23.55	0.2265
41	30	70	531000	2655	DFT-s-OFDM QPSK	1@187	25.2	23.66	0.2323
41	30	70	531000	2655	DFT-s-OFDM 16 QAM	90@45	24.34	22.8	0.1905
41	30	70	531000	2655	DFT-s-OFDM 16 QAM	1@1	24.16	22.62	0.1828
41	30	70	531000	2655	DFT-s-OFDM 16 QAM	1@187	24.66	23.12	0.2051
41	30	70	531000	2655	DFT-s-OFDM 64 QAM	90@45	22.77	21.23	0.1327
41	30	70	531000	2655	DFT-s-OFDM 64 QAM	1@1	22.54	21	0.1259
41	30	70	531000	2655	DFT-s-OFDM 64 QAM	1@187	23.03	21.49	0.1409
41	30	70	531000	2655	DFT-s-OFDM 256 QAM	90@45	20.8	19.26	0.0843
41	30	70	531000	2655	DFT-s-OFDM 256 QAM	1@1	20.59	19.05	0.0804
41	30	70	531000	2655	DFT-s-OFDM 256 QAM	1@187	20.98	19.44	0.0879
41	30	70	531000	2655	CP-OFDM QPSK	95@47	23.79	22.25	0.1679
41	30	70	531000	2655	CP-OFDM QPSK	1@1	23.32	21.78	0.1507
41	30	70	531000	2655	CP-OFDM QPSK	1@187	23.9	22.36	0.1722
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	108@54	25.42	23.88	0.2443
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@1	25.25	23.71	0.2350
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@215	25.21	23.67	0.2328

41	30	80	507204	2536.02	DFT-s-OFDM QPSK	108@54	25.36	23.82	0.2410
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	25.28	23.74	0.2366
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@215	25.19	23.65	0.2317
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	108@54	24.38	22.84	0.1923
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	24.34	22.8	0.1905
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@215	24.3	22.76	0.1888
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	108@54	22.82	21.28	0.1343
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	1@1	22.69	21.15	0.1303
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	1@215	22.62	21.08	0.1282
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	108@54	20.75	19.21	0.0834
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	1@1	21.01	19.47	0.0885
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	1@215	20.86	19.32	0.0855
41	30	80	507204	2536.02	CP-OFDM QPSK	109@54	23.8	22.26	0.1683
41	30	80	507204	2536.02	CP-OFDM QPSK	1@1	23.69	22.15	0.1641
41	30	80	507204	2536.02	CP-OFDM QPSK	1@215	23.56	22.02	0.1592
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	108@54	25.31	23.77	0.2382
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.97	23.43	0.2203
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@215	25.21	23.67	0.2328
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	108@54	25.26	23.72	0.2355
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.17	23.63	0.2307
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@215	25.23	23.69	0.2339
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	108@54	24.27	22.73	0.1875
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.9	22.36	0.1722
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@215	24.4	22.86	0.1932
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	108@54	22.7	21.16	0.1306
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.26	20.72	0.1180
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	1@215	22.94	21.4	0.1380
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	108@54	20.65	19.11	0.0815
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.6	19.06	0.0805
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	1@215	20.99	19.45	0.0881
41	30	80	518598	2592.99	CP-OFDM QPSK	109@54	23.72	22.18	0.1652
41	30	80	518598	2592.99	CP-OFDM QPSK	1@1	23.3	21.76	0.1500
41	30	80	518598	2592.99	CP-OFDM QPSK	1@215	23.78	22.24	0.1675
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	108@54	25.4	23.86	0.2432

41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@1	24.99	23.45	0.2213
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@215	25.23	23.69	0.2339
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	108@54	25.37	23.83	0.2415
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	24.88	23.34	0.2158
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@215	25.24	23.7	0.2344
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	108@54	24.39	22.85	0.1928
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	23.88	22.34	0.1714
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@215	24.53	22.99	0.1991
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	108@54	22.81	21.27	0.1340
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	1@1	22.43	20.89	0.1227
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	1@215	22.98	21.44	0.1393
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	108@54	20.76	19.22	0.0836
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	1@1	20.54	19	0.0794
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	1@215	21.24	19.7	0.0933
41	30	80	529998	2649.99	CP-OFDM QPSK	109@54	23.79	22.25	0.1679
41	30	80	529998	2649.99	CP-OFDM QPSK	1@1	23.16	21.62	0.1452
41	30	80	529998	2649.99	CP-OFDM QPSK	1@215	23.83	22.29	0.1694
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	120@60	25.37	23.83	0.2415
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@1	25.22	23.68	0.2333
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@243	25.16	23.62	0.2301
41	30	90	508200	2541	DFT-s-OFDM QPSK	120@60	25.36	23.82	0.2410
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	25.3	23.76	0.2377
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@243	25.34	23.8	0.2399
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	120@60	24.32	22.78	0.1897
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	24.15	22.61	0.1824
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@243	24.09	22.55	0.1799
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	120@60	22.79	21.25	0.1334
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	1@1	22.78	21.24	0.1330
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	1@243	22.57	21.03	0.1268
41	30	90	508200	2541	DFT-s-OFDM 256 QAM	120@60	20.75	19.21	0.0834
41	30	90	508200	2541	DFT-s-OFDM 256 QAM	1@1	20.75	19.21	0.0834
41	30	90	508200	2541	DFT-s-OFDM 256 QAM	1@243	20.79	19.25	0.0841
41	30	90	508200	2541	CP-OFDM QPSK	123@61	23.83	22.29	0.1694
41	30	90	508200	2541	CP-OFDM QPSK	1@1	23.6	22.06	0.1607

41	30	90	508200	2541	CP-OFDM QPSK	1@243	23.46	21.92	0.1556
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	120@60	25.29	23.75	0.2371
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.01	23.47	0.2223
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@243	25.12	23.58	0.2280
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	120@60	25.27	23.73	0.2360
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.03	23.49	0.2234
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@243	25.12	23.58	0.2280
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	120@60	24.24	22.7	0.1862
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.08	22.54	0.1795
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@243	24.38	22.84	0.1923
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	120@60	22.73	21.19	0.1315
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.48	20.94	0.1242
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	1@243	22.92	21.38	0.1374
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	120@60	20.66	19.12	0.0817
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.51	18.97	0.0789
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	1@243	21.01	19.47	0.0885
41	30	90	518598	2592.99	CP-OFDM QPSK	123@61	23.79	22.25	0.1679
41	30	90	518598	2592.99	CP-OFDM QPSK	1@1	23.38	21.84	0.1528
41	30	90	518598	2592.99	CP-OFDM QPSK	1@243	23.67	22.13	0.1633
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	120@60	25.33	23.79	0.2393
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@1	24.75	23.21	0.2094
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@243	25.26	23.72	0.2355
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	120@60	25.31	23.77	0.2382
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	24.98	23.44	0.2208
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@243	25.12	23.58	0.2280
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	120@60	24.28	22.74	0.1879
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	23.66	22.12	0.1629
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@243	24.37	22.83	0.1919
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	120@60	22.67	21.13	0.1297
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	1@1	22.15	20.61	0.1151
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	1@243	22.86	21.32	0.1355
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	120@60	20.7	19.16	0.0824
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	1@1	20.21	18.67	0.0736
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	1@243	20.99	19.45	0.0881

41	30	90	528996	2644.98	CP-OFDM QPSK	123@61	23.81	22.27	0.1687
41	30	90	528996	2644.98	CP-OFDM QPSK	1@1	23.12	21.58	0.1439
41	30	90	528996	2644.98	CP-OFDM QPSK	1@243	23.62	22.08	0.1614
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	25.35	23.81	0.2404
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	25.24	23.7	0.2344
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	25.21	23.67	0.2328
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	25.3	23.76	0.2377
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	25.3	23.76	0.2377
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	25.33	23.79	0.2393
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	24.33	22.79	0.1901
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	24.24	22.7	0.1862
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	24.23	22.69	0.1858
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	22.81	21.27	0.1340
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	22.61	21.07	0.1279
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	22.61	21.07	0.1279
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	20.76	19.22	0.0836
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	20.87	19.33	0.0857
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	20.77	19.23	0.0838
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	23.82	22.28	0.1690
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	23.55	22.01	0.1589
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	23.4	21.86	0.1535
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	25.22	23.68	0.2333
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.06	23.52	0.2249
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	25.22	23.68	0.2333
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.2	23.66	0.2323
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.19	23.65	0.2317
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	25.12	23.58	0.2280
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	24.24	22.7	0.1862
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.06	22.52	0.1786
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	24.52	22.98	0.1986
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	22.68	21.14	0.1300
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.39	20.85	0.1216
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	22.9	21.36	0.1368
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	20.64	19.1	0.0813

41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.59	19.05	0.0804
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	21.08	19.54	0.0899
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	23.72	22.18	0.1652
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	23.33	21.79	0.1510
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	23.71	22.17	0.1648
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	25.34	23.8	0.2399
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	24.81	23.27	0.2123
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	25.23	23.69	0.2339
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	25.26	23.72	0.2355
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	24.85	23.31	0.2143
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	25.11	23.57	0.2275
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	24.28	22.74	0.1879
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	23.76	22.22	0.1667
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	24.59	23.05	0.2018
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	22.76	21.22	0.1324
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	22.17	20.63	0.1156
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	23	21.46	0.1400
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	20.74	19.2	0.0832
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	20.33	18.79	0.0757
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	21.16	19.62	0.0916
41	30	100	528000	2640	CP-OFDM QPSK	137@68	23.77	22.23	0.1671
41	30	100	528000	2640	CP-OFDM QPSK	1@1	23.07	21.53	0.1422
41	30	100	528000	2640	CP-OFDM QPSK	1@271	23.74	22.2	0.1660

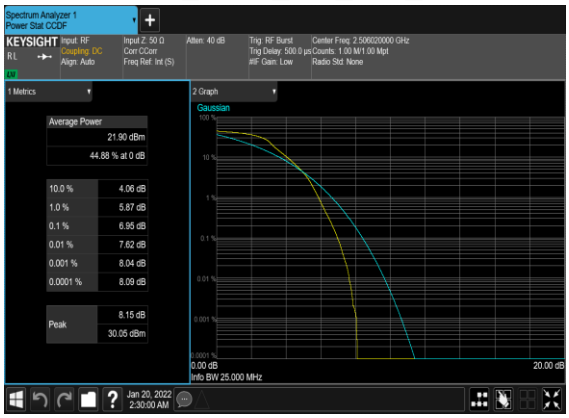
Frequency Stability

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	0.0301	**PASS**	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0621	**PASS**	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0123	**PASS**	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0219	**PASS**	-30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0115	**PASS**	-20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0236	**PASS**	-10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0123	**PASS**	0℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0131	**PASS**	10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0123	**PASS**	20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0125	**PASS**	30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0321	**PASS**	40℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0517	**PASS**	50℃

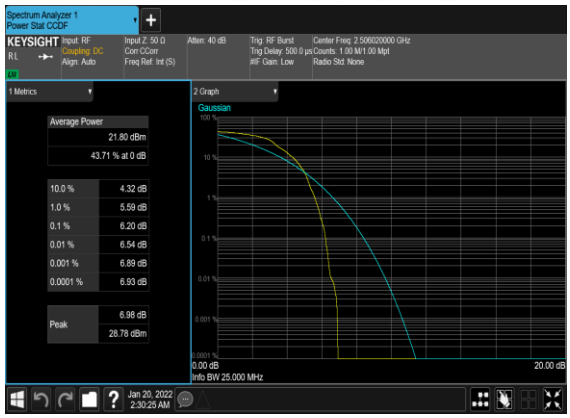
Peak to Average Radio

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	6.95	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@0	6.2	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	7.93	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	6.98	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	6.37	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	5.74	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	7.11	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	6.05	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	50@0	7.03	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@0	6.46	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	8.0	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	7.27	13	**PASS**

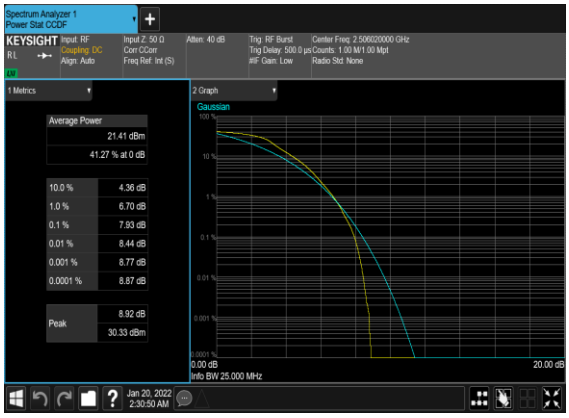
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



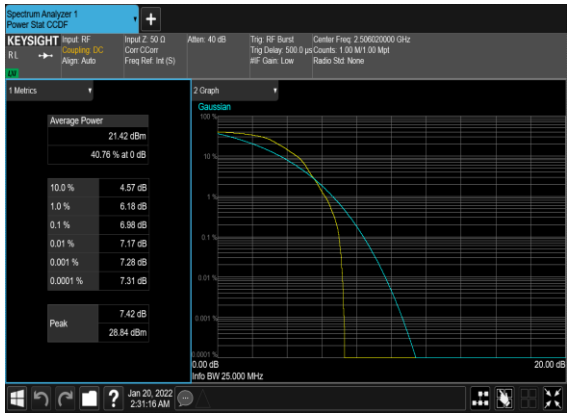
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH

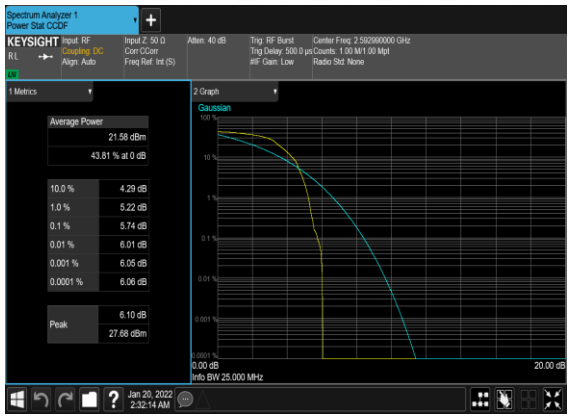


N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



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