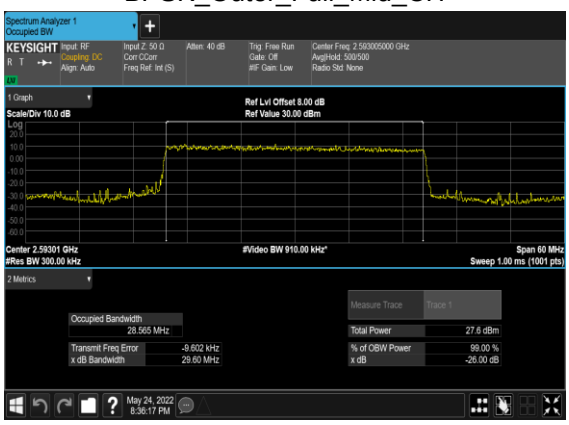
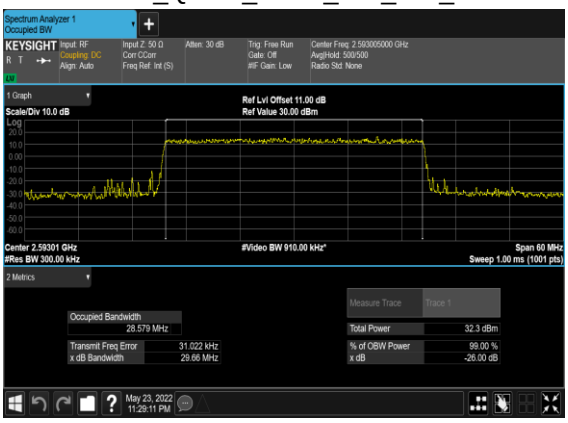
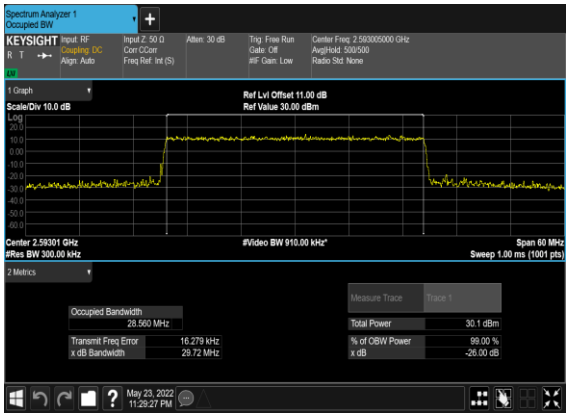
N41(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



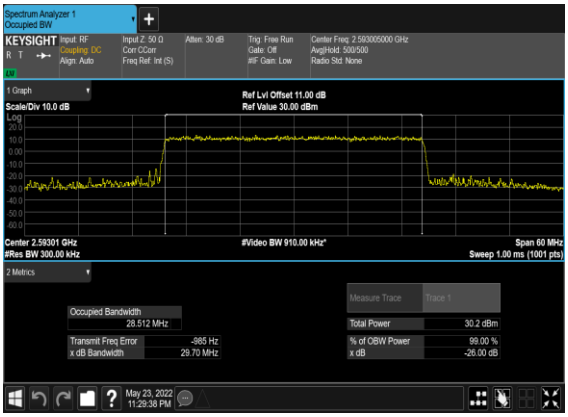
N41(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



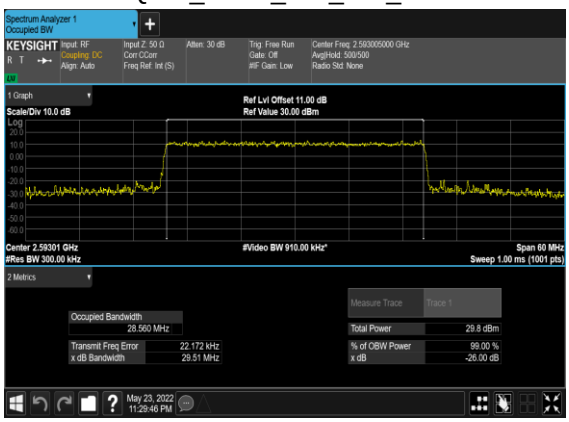
N41(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



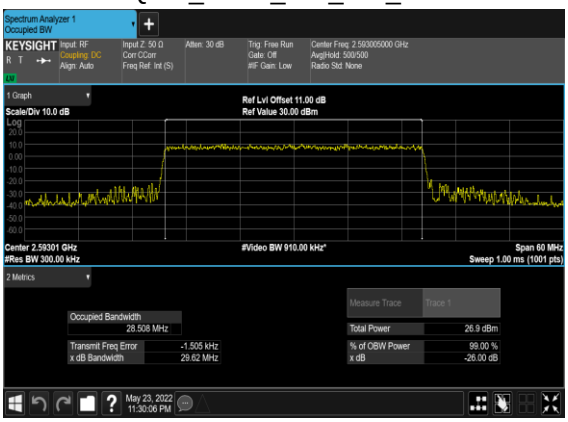
N41(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



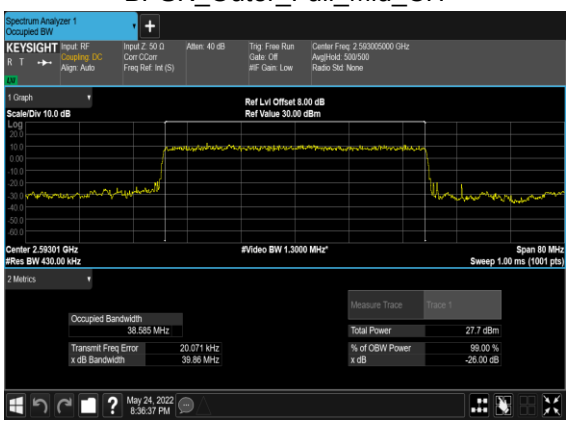
N41(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



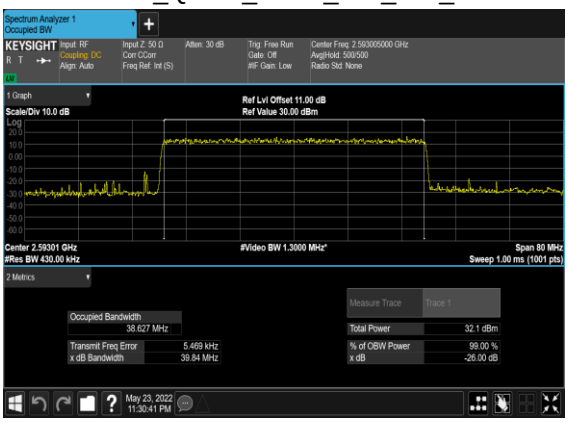
N41(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



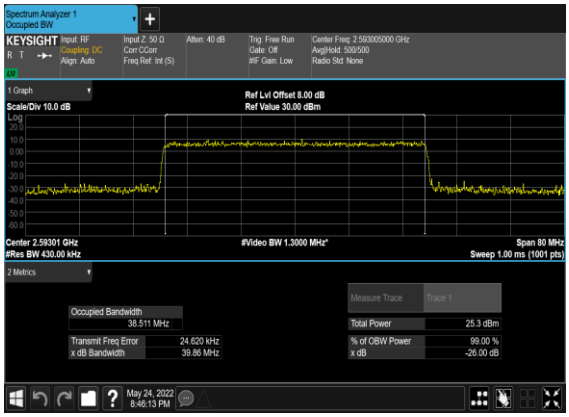
N41(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



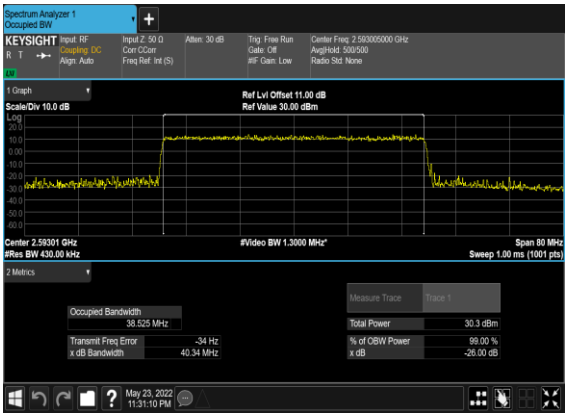
N41(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



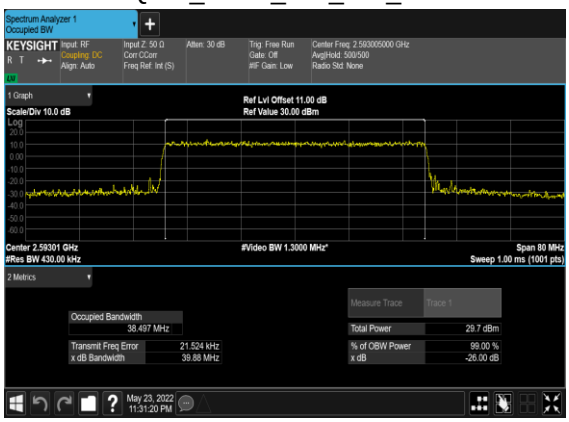
N41(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



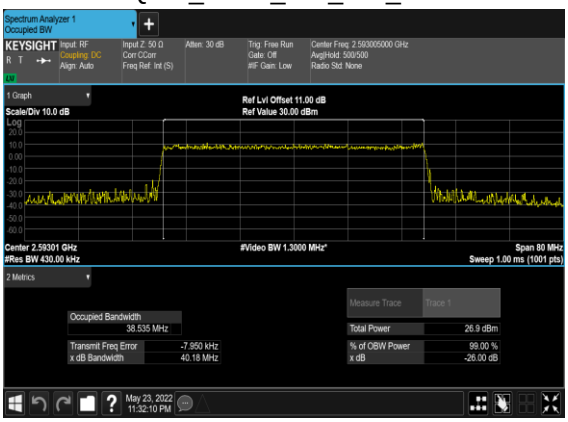
N41(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



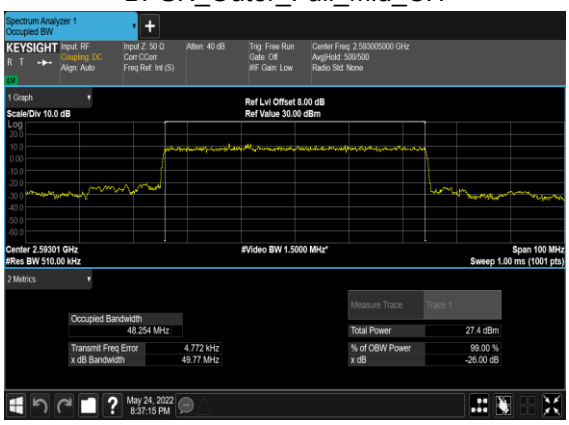
N41(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



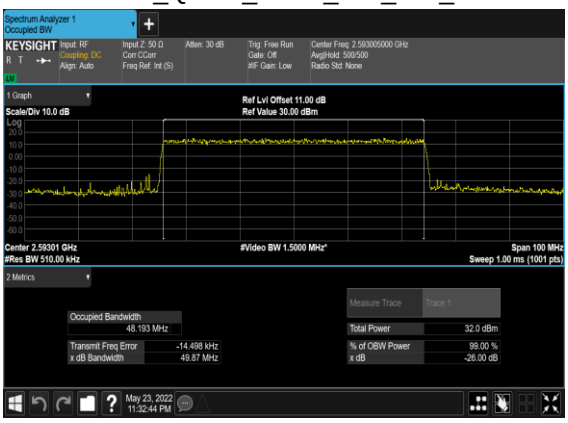
N41(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



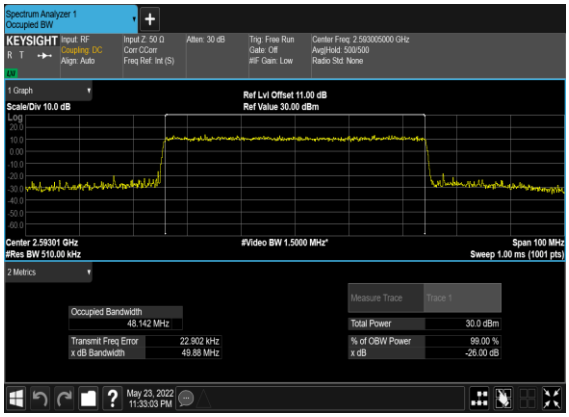
N41(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



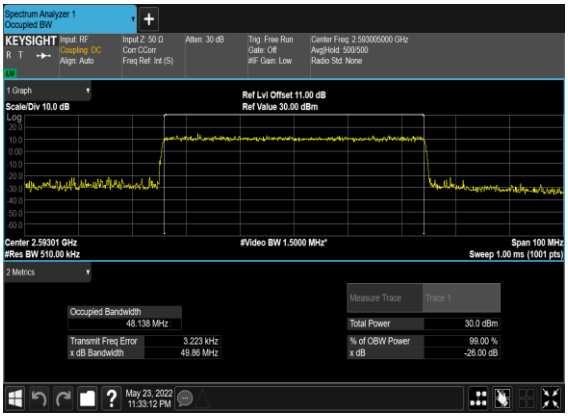
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



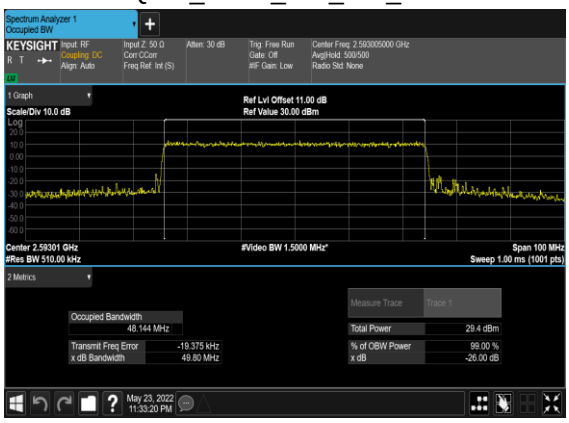
N41(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



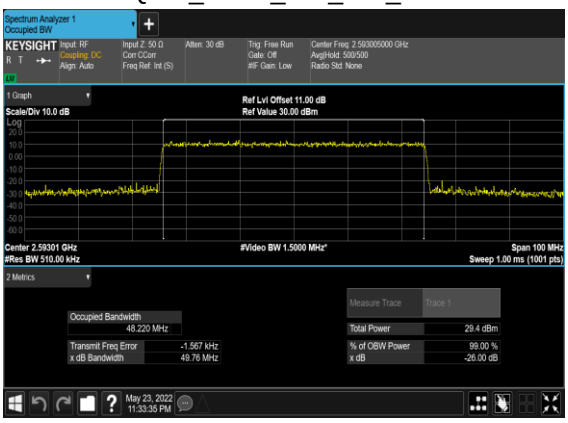
N41(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



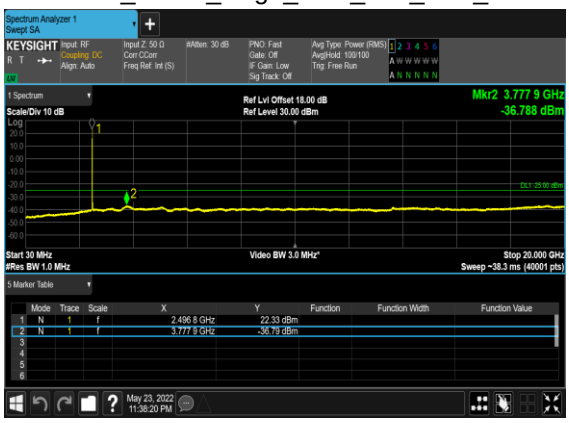
Conducted Spurious Emissions

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	**---**

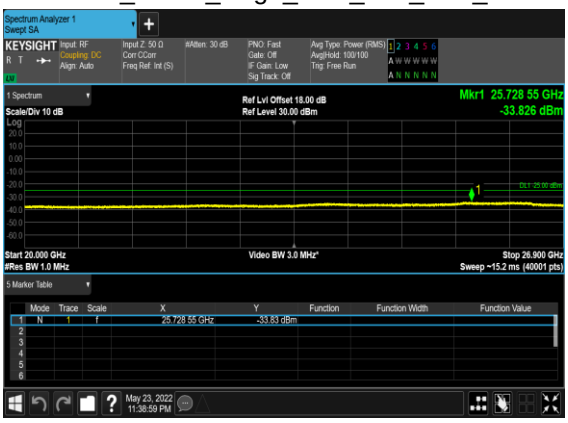
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	20	501201	2506.005	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	15	20	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	15	20	518601	2593.005	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	15	20	518601	2593.005	DFT-s-OFDM BPSK	1@0	see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

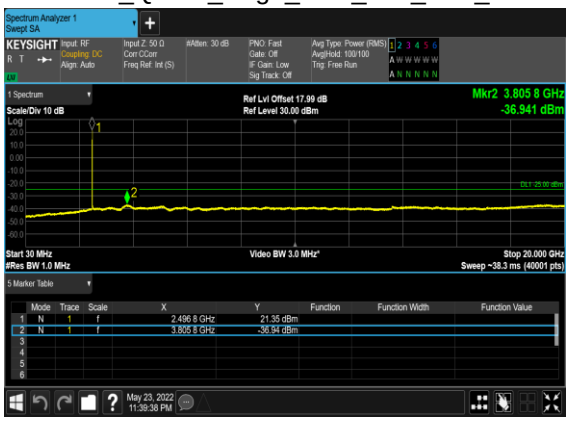
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



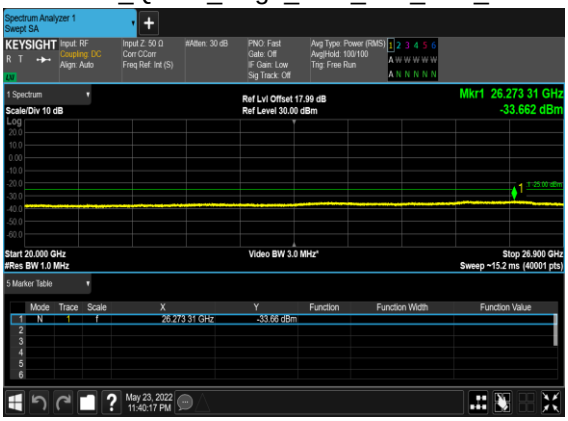
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



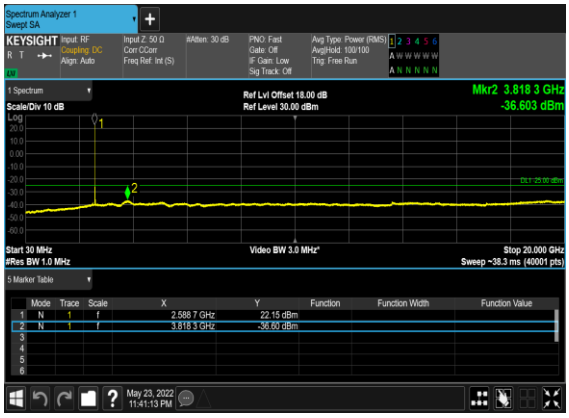
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



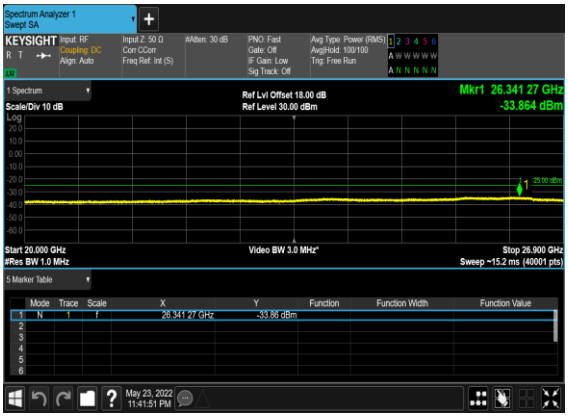
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



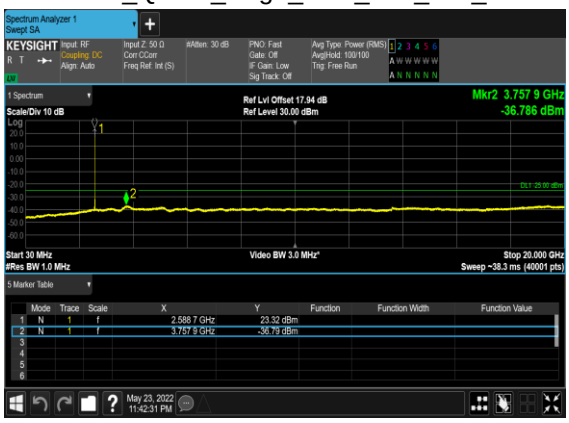
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



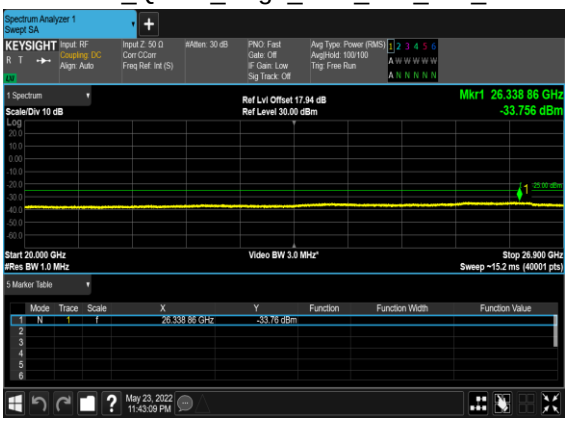
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



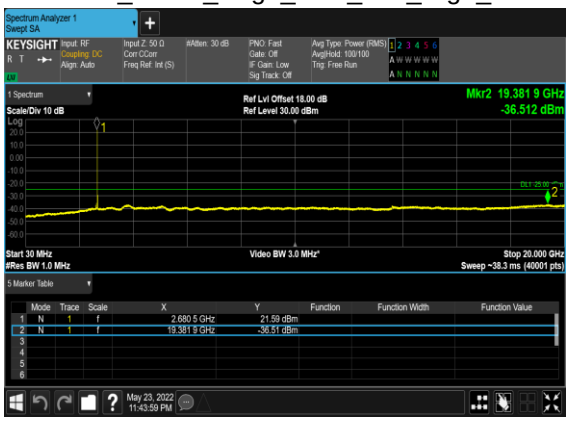
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



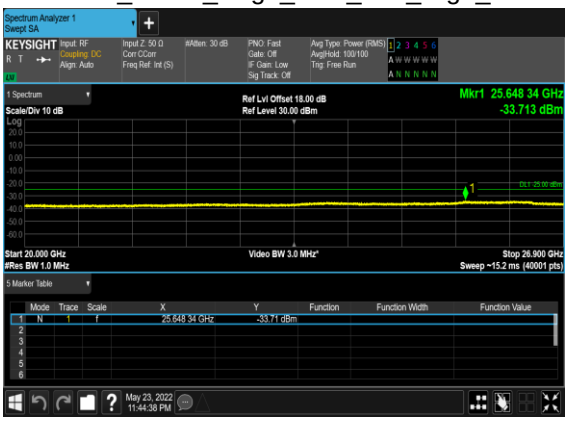
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



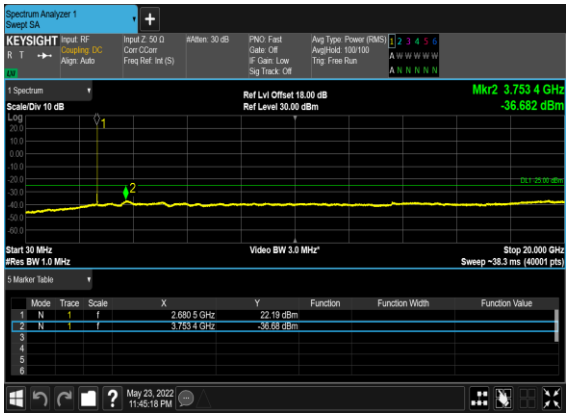
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



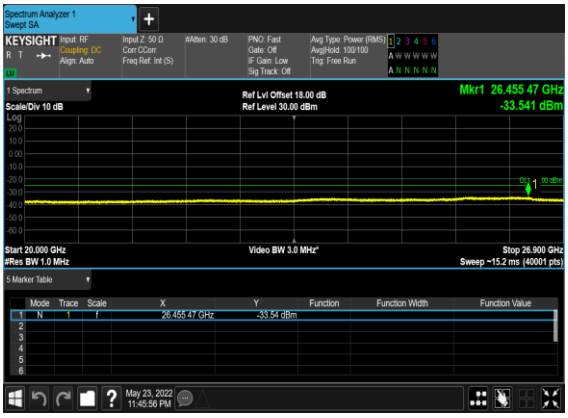
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



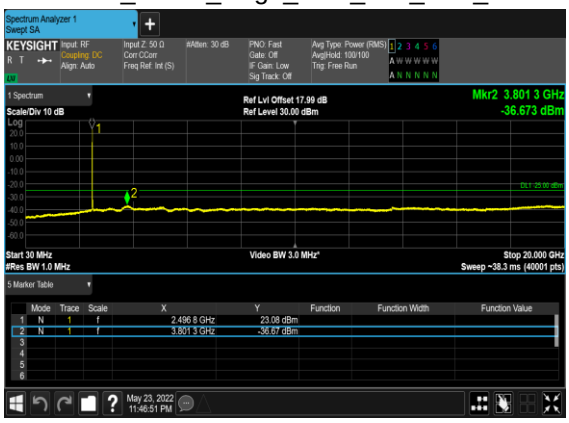
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



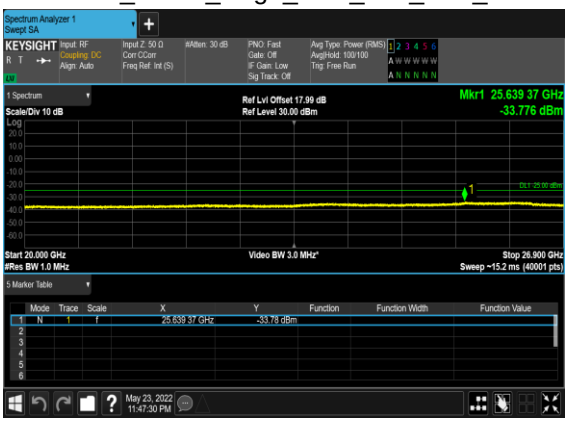
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



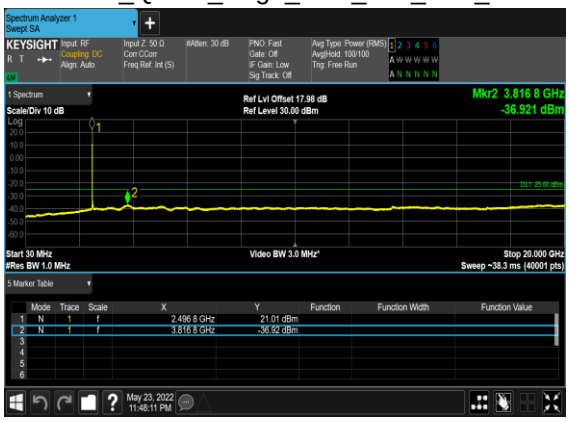
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



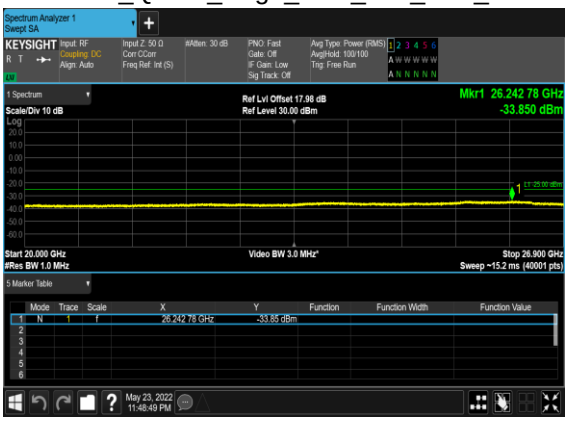
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



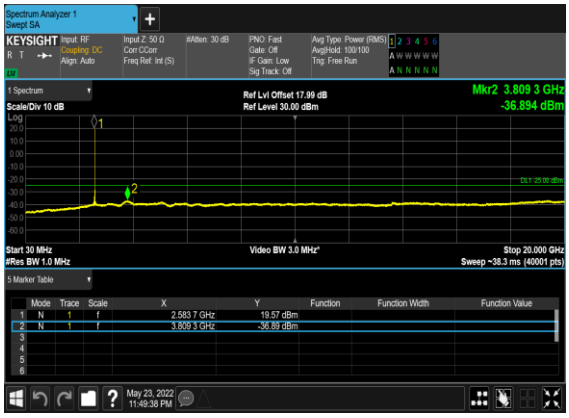
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



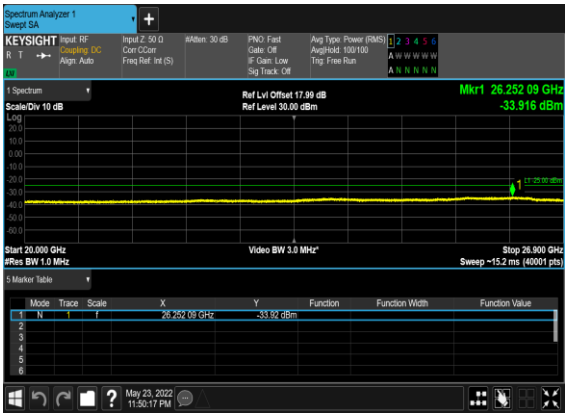
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



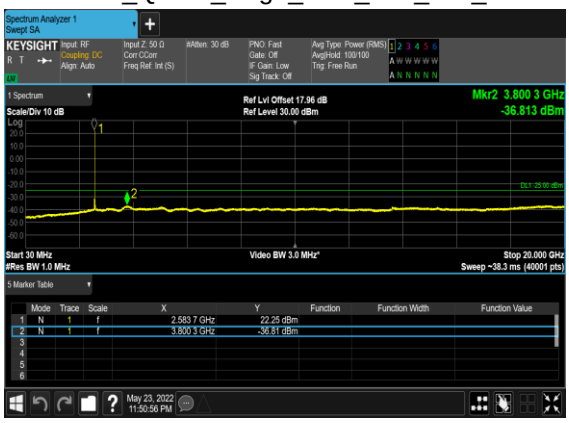
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



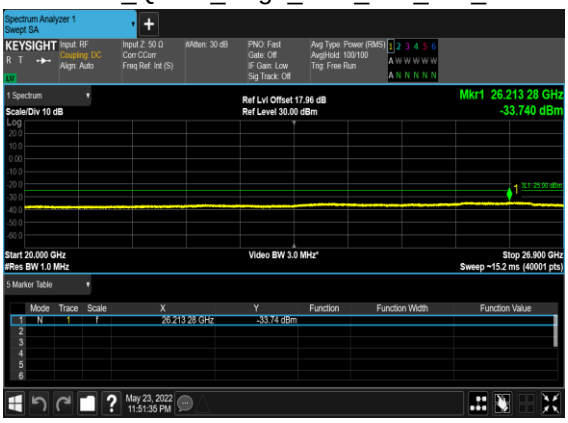
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



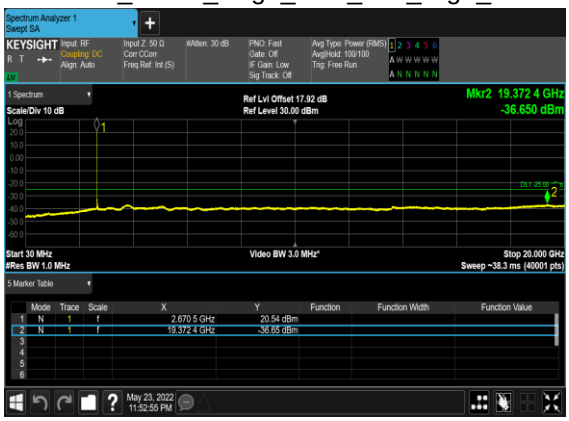
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



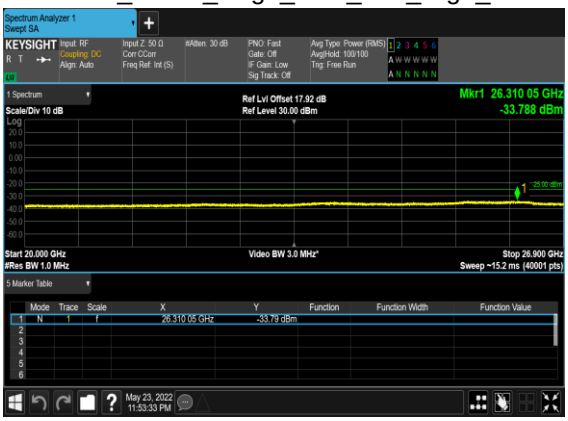
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



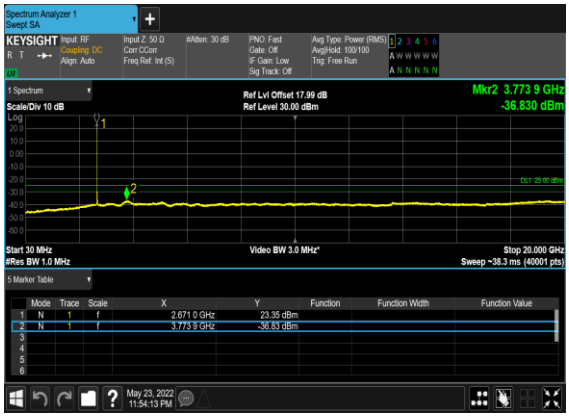
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



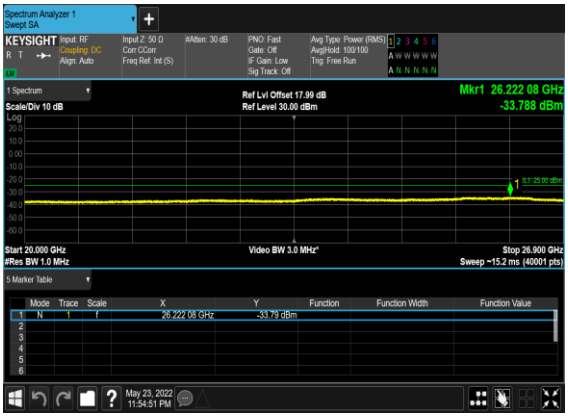
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



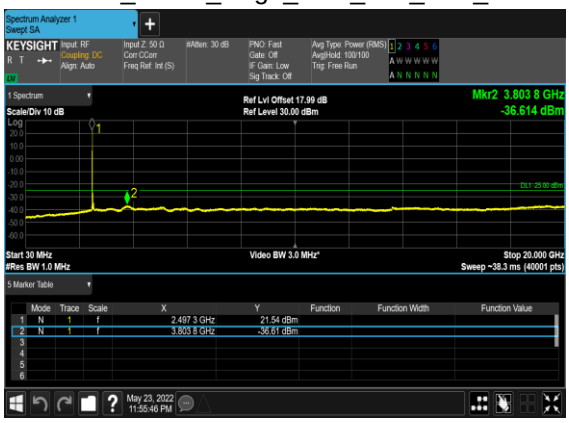
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



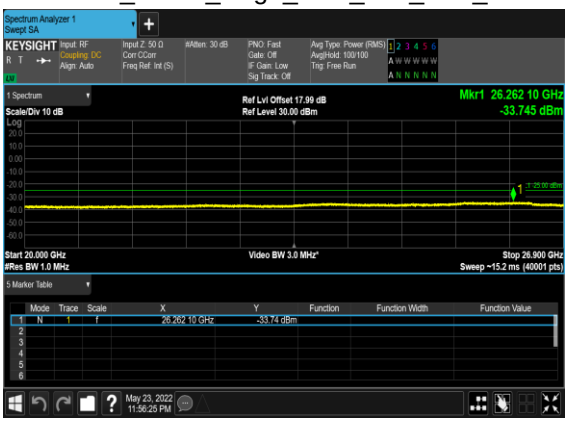
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



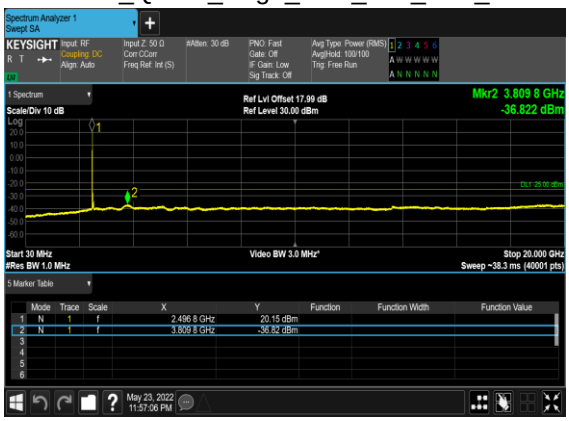
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



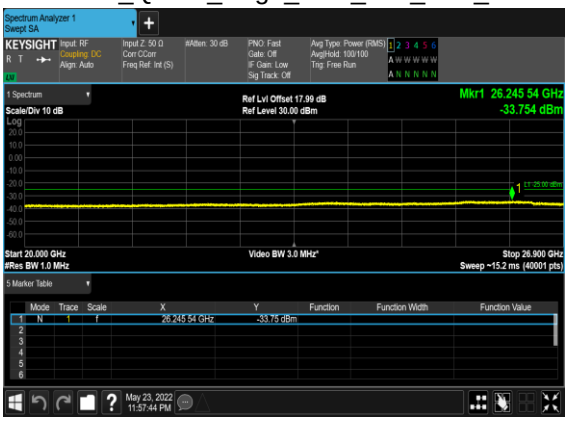
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



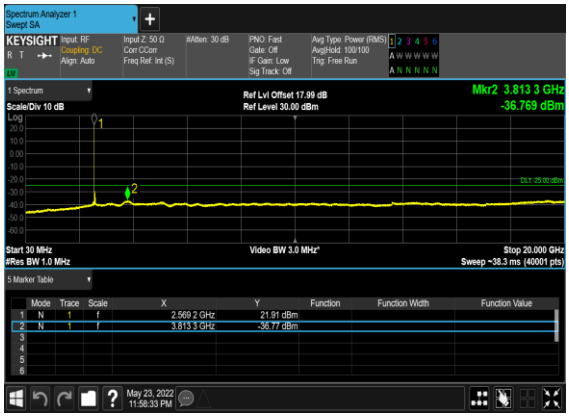
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



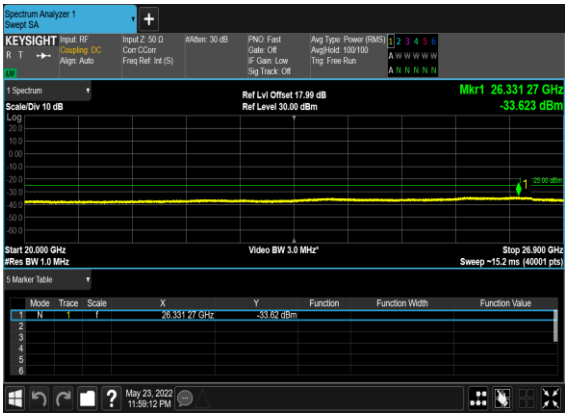
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



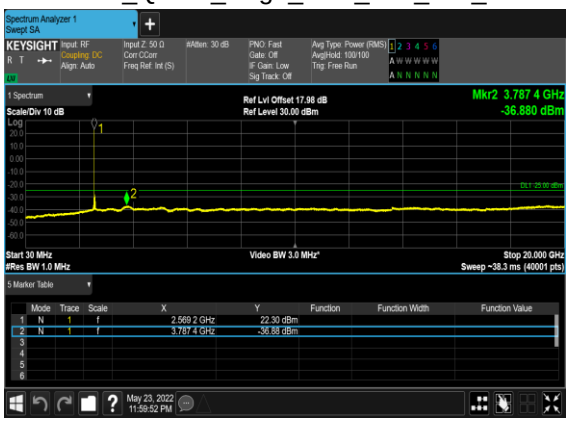
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



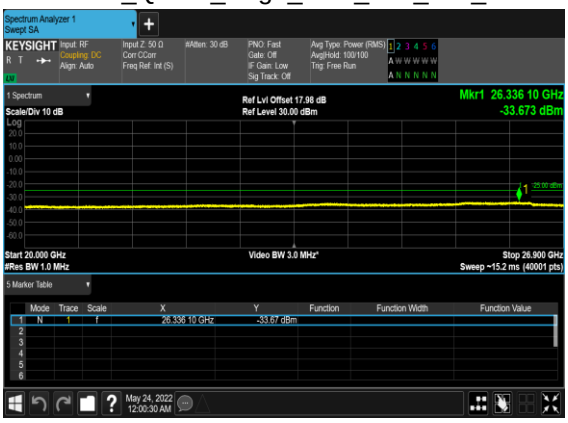
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



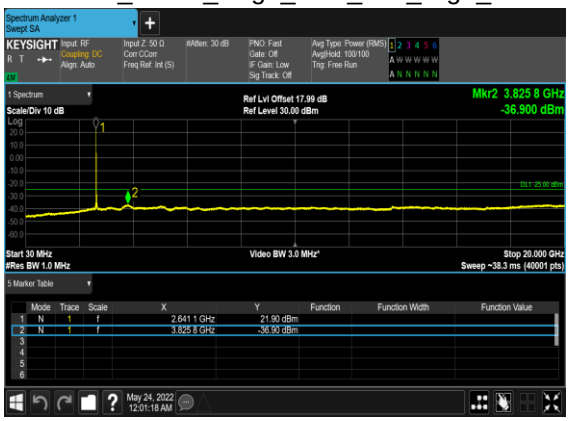
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



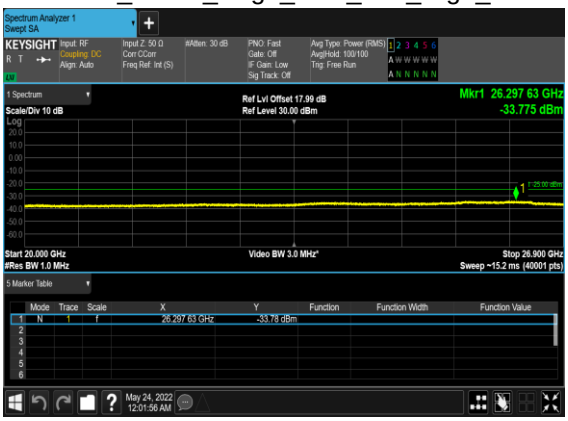
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



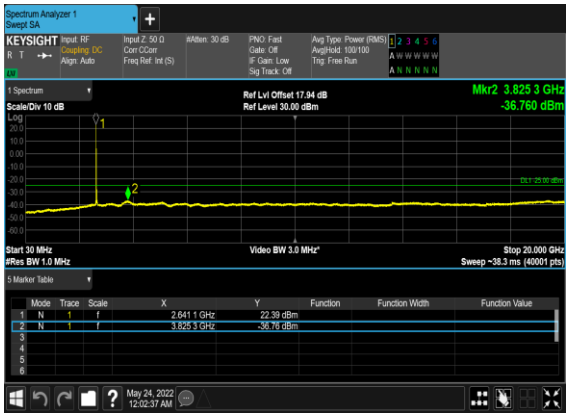
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



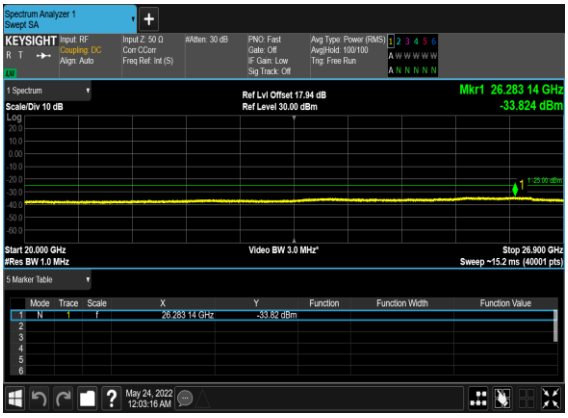
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



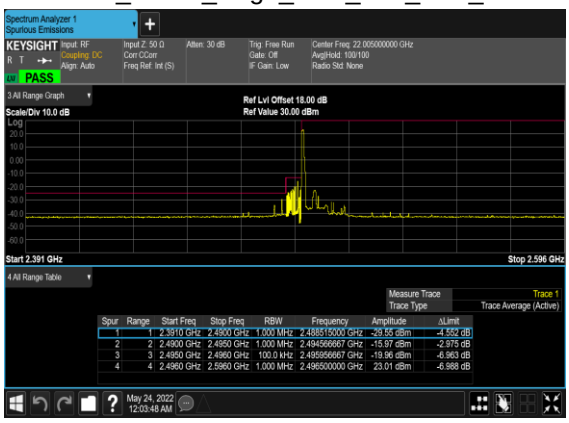
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



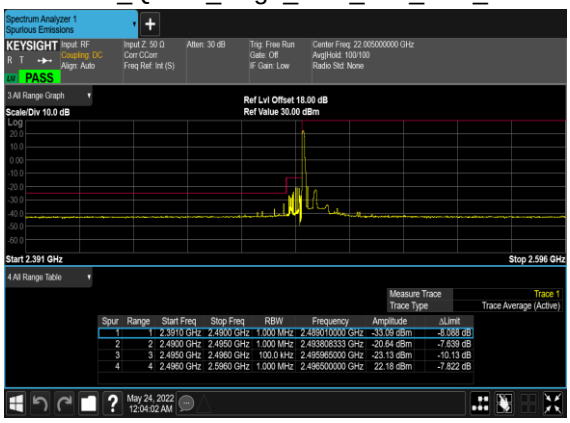
Conducted Band Edge

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**

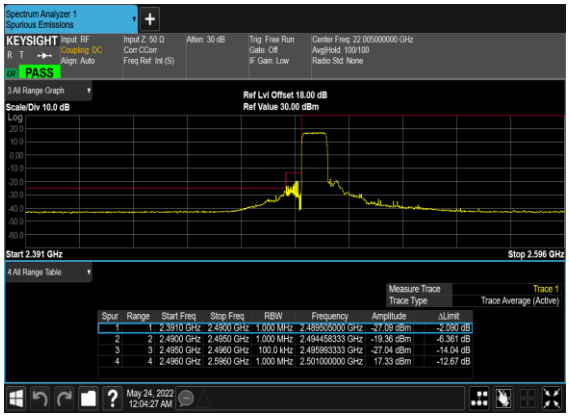
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



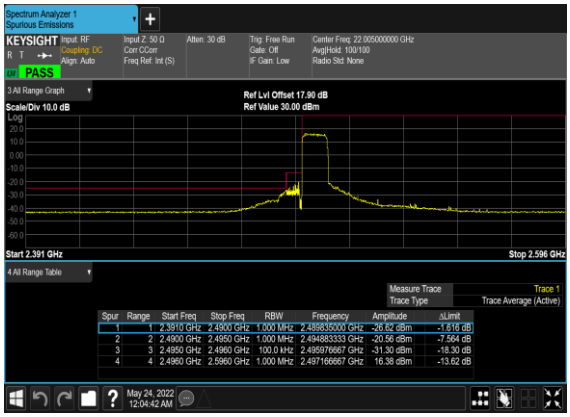
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



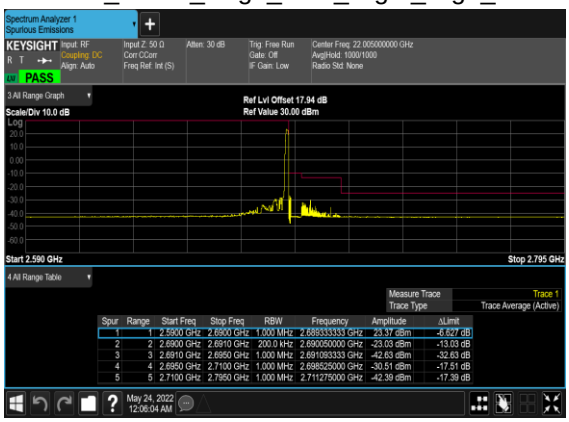
N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



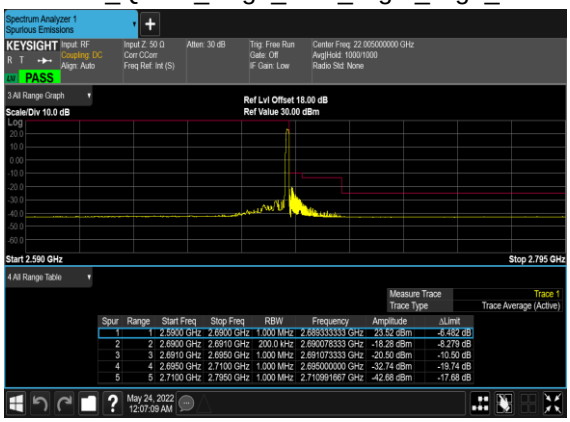
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



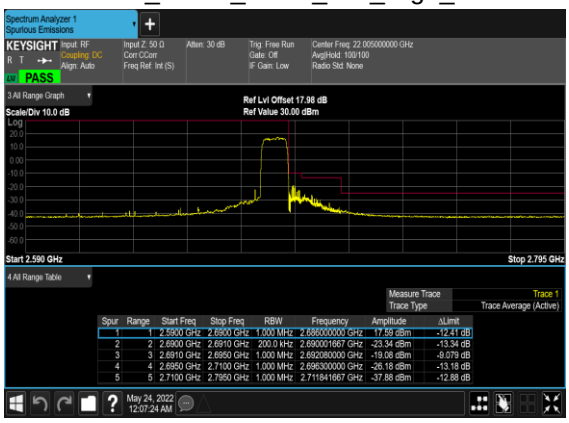
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



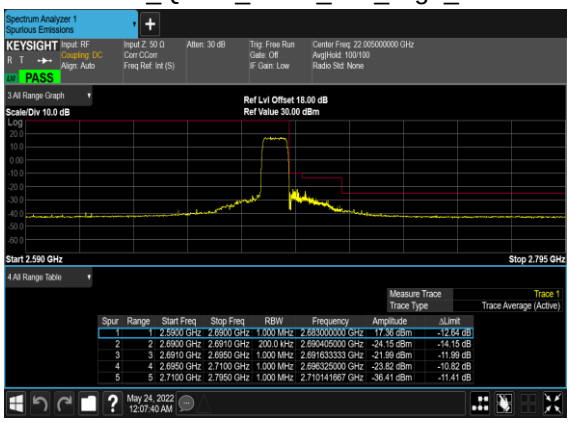
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



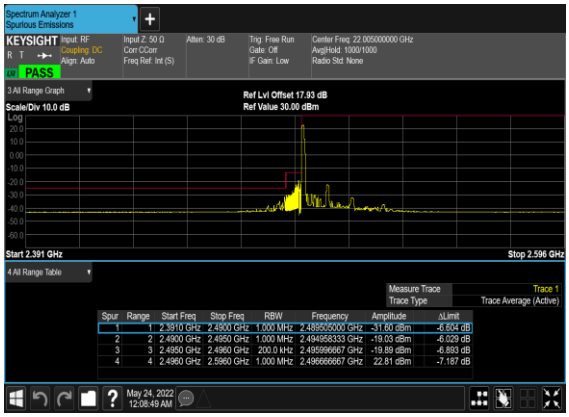
N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



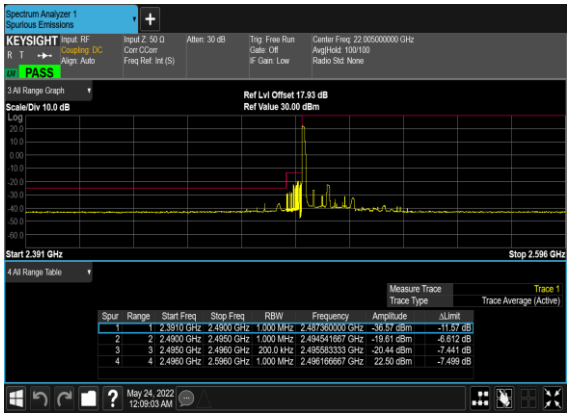
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



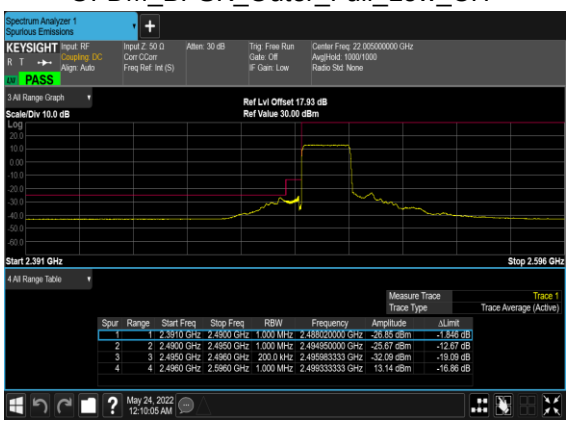
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

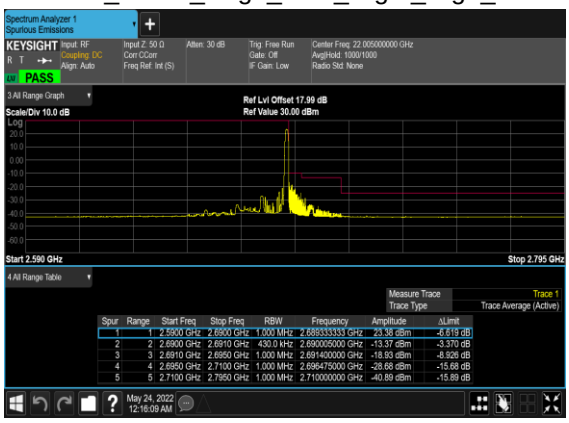


N41(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

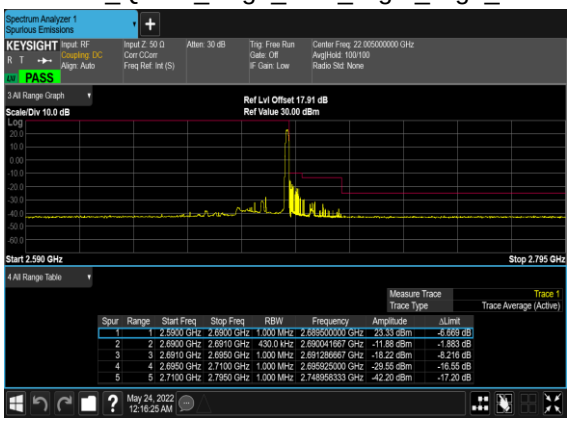


N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

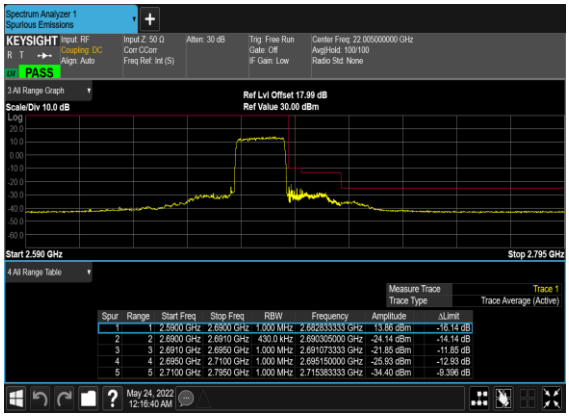
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



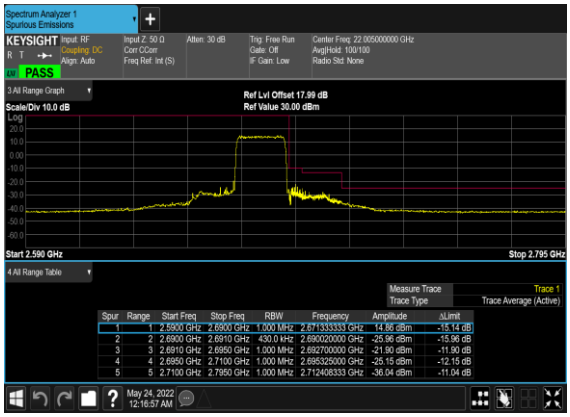
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



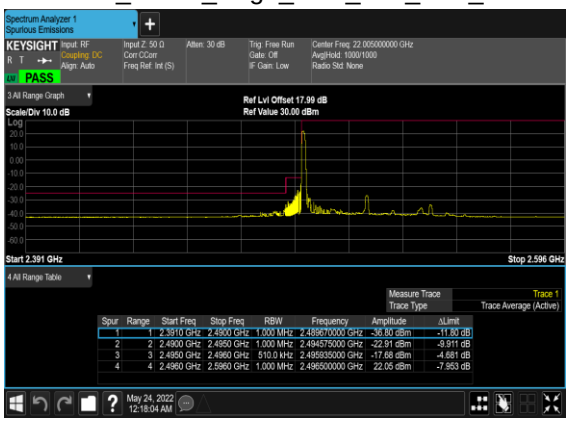
N41(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



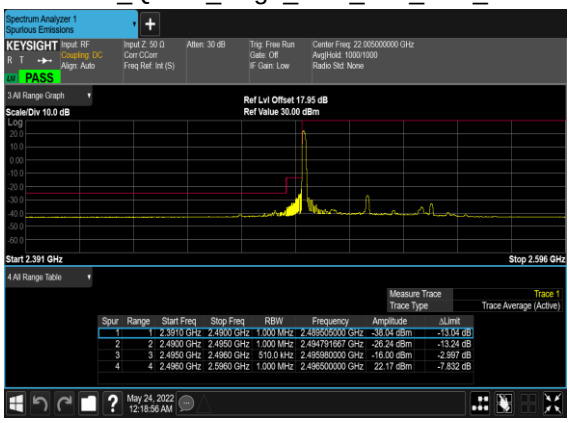
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



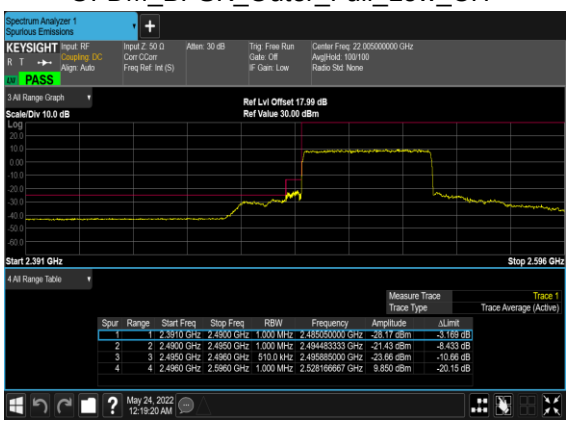
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



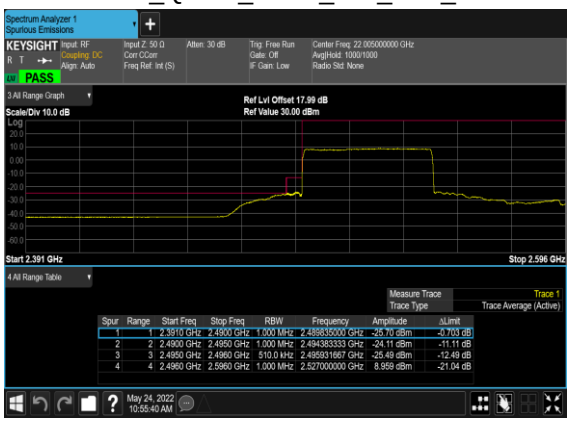
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

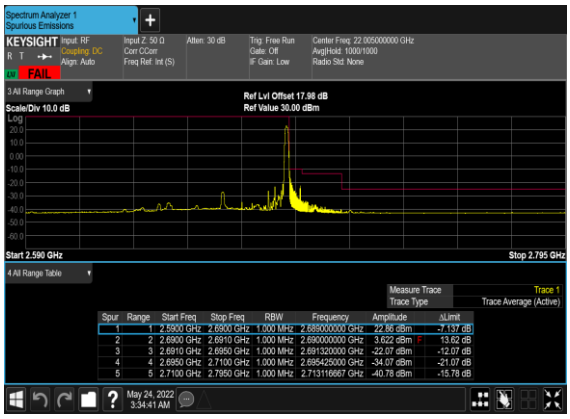


N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

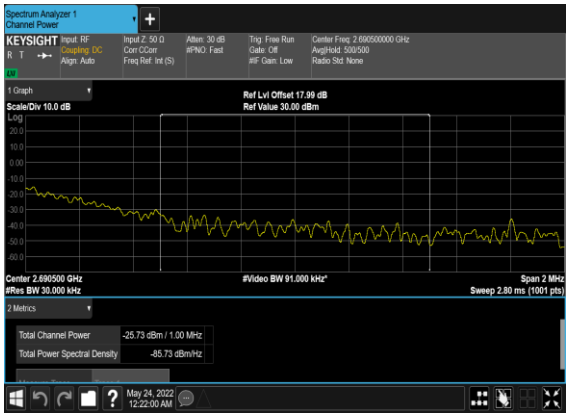


N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH_**CHP_PASS**

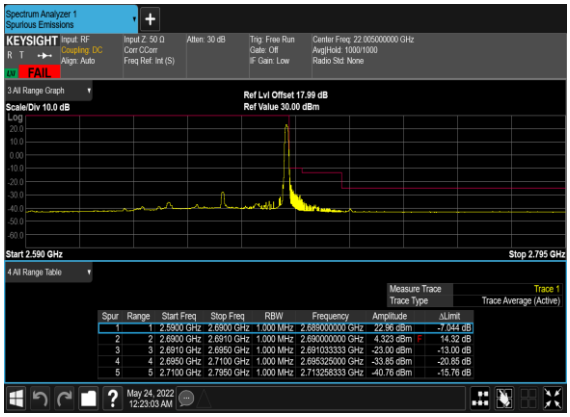
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



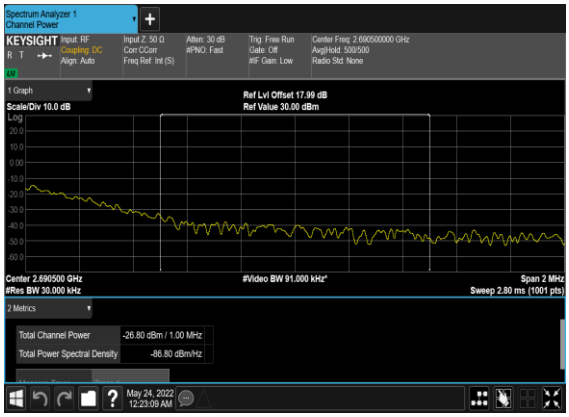
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



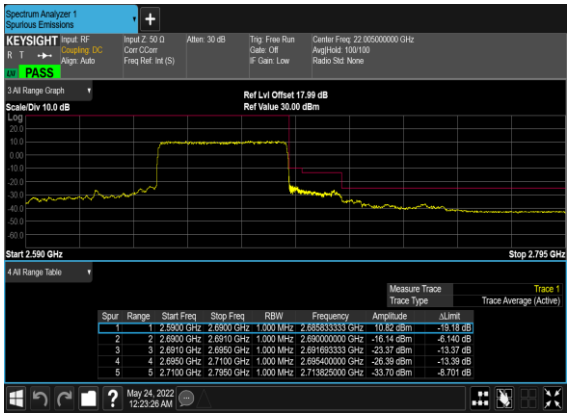
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



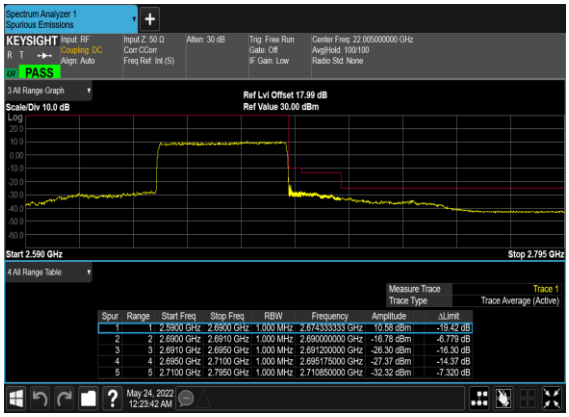
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 21.02.111001

FR1 N41 UL MIMO- SCS 30KHz (ANT5+ANT6)

Transmitter Conducted Output Power and EIRP Gain=-2.19dBi

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT6 Power (dBm)	ANT5 Power (dBm)	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
41	30	10	500202	2501.01	DFT-s-OFDM PI/2 BPSK	12@6	25.23	25.8	28.53	26.34	0.4310
41	30	10	500202	2501.01	DFT-s-OFDM PI/2 BPSK	1@1	25.17	25.52	28.36	26.17	0.4139
41	30	10	500202	2501.01	DFT-s-OFDM PI/2 BPSK	1@22	25.07	25.64	28.37	26.18	0.4154
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	12@6	25.16	25.71	28.45	26.26	0.4231
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	25.11	25.53	28.34	26.15	0.4117
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@22	25.25	25.92	28.61	26.42	0.4383
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	12@6	22.78	23.33	26.07	23.88	0.2446
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	22.64	23.11	25.89	23.70	0.2345
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@22	22.57	23.14	25.87	23.68	0.2336
41	30	10	500202	2501.01	DFT-s-OFDM 64 QAM	12@6	21.26	21.71	24.50	22.31	0.1703
41	30	10	500202	2501.01	DFT-s-OFDM 64 QAM	1@1	21.16	21.63	24.41	22.22	0.1668
41	30	10	500202	2501.01	DFT-s-OFDM 64 QAM	1@22	21.22	21.42	24.33	22.14	0.1637
41	30	10	500202	2501.01	DFT-s-OFDM 256 QAM	12@6	17.8	18.37	21.10	18.91	0.0779
41	30	10	500202	2501.01	DFT-s-OFDM 256 QAM	1@1	17.59	18.14	20.88	18.69	0.0740
41	30	10	500202	2501.01	DFT-s-OFDM 256 QAM	1@22	17.53	18.27	20.93	18.74	0.0747
41	30	10	500202	2501.01	CP-OFDM QPSK	12@6	22.12	22.25	25.20	23.01	0.1998
41	30	10	500202	2501.01	CP-OFDM QPSK	1@1	22.05	22.44	25.26	23.07	0.2028
41	30	10	500202	2501.01	CP-OFDM QPSK	1@22	22.01	22.12	25.08	22.89	0.1943
41	30	10	518598	2592.99	DFT-s-OFDM PI/2 BPSK	12@6	25.58	24.99	28.31	26.12	0.4088
41	30	10	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.31	24.85	28.10	25.91	0.3896
41	30	10	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@22	25.31	24.92	28.13	25.94	0.3926
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	12@6	25.32	24.85	28.10	25.91	0.3901
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.17	24.68	27.94	25.75	0.3760
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@22	25.27	24.84	28.07	25.88	0.3873
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	12@6	23.11	23.25	26.19	24.00	0.2512
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.14	22.49	25.84	23.65	0.2316
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@22	23.03	22.56	25.81	23.62	0.2302
41	30	10	518598	2592.99	DFT-s-OFDM 64 QAM	12@6	21.47	21.13	24.31	22.12	0.1631
41	30	10	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.41	20.84	24.14	21.95	0.1568
41	30	10	518598	2592.99	DFT-s-OFDM 64 QAM	1@22	21.43	21.06	24.26	22.07	0.1610

41	30	10	518598	2592.99	DFT-s-OFDM 256 QAM	12@6	19.45	19.45	22.46	20.27	0.1064
41	30	10	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	19.21	19.11	22.17	19.98	0.0996
41	30	10	518598	2592.99	DFT-s-OFDM 256 QAM	1@22	18.52	18.54	21.54	19.35	0.0861
41	30	10	518598	2592.99	CP-OFDM QPSK	12@6	22.2	22.21	25.22	23.03	0.2007
41	30	10	518598	2592.99	CP-OFDM QPSK	1@1	22.46	21.9	25.20	23.01	0.2000
41	30	10	518598	2592.99	CP-OFDM QPSK	1@22	22.4	22.02	25.22	23.03	0.2011
41	30	10	537000	2685	DFT-s-OFDM PI/2 BPSK	12@6	25.96	25.42	28.71	26.52	0.4486
41	30	10	537000	2685	DFT-s-OFDM PI/2 BPSK	1@1	25.71	25.37	28.55	26.36	0.4329
41	30	10	537000	2685	DFT-s-OFDM PI/2 BPSK	1@22	25.75	24.96	28.38	26.19	0.4162
41	30	10	537000	2685	DFT-s-OFDM QPSK	12@6	25.72	25.27	28.51	26.32	0.4287
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	25.5	25.31	28.42	26.23	0.4194
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@22	25.58	24.93	28.28	26.09	0.4062
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	12@6	23.22	23.11	26.18	23.99	0.2504
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	23.38	22.99	26.20	24.01	0.2517
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@22	23.37	22.55	25.99	23.80	0.2399
41	30	10	537000	2685	DFT-s-OFDM 64 QAM	12@6	21.91	21.43	24.69	22.50	0.1777
41	30	10	537000	2685	DFT-s-OFDM 64 QAM	1@1	21.76	21.52	24.65	22.46	0.1763
41	30	10	537000	2685	DFT-s-OFDM 64 QAM	1@22	21.9	21.15	24.55	22.36	0.1722
41	30	10	537000	2685	DFT-s-OFDM 256 QAM	12@6	18.8	18.43	21.63	19.44	0.0879
41	30	10	537000	2685	DFT-s-OFDM 256 QAM	1@1	18.24	18.09	21.18	18.99	0.0792
41	30	10	537000	2685	DFT-s-OFDM 256 QAM	1@22	18.25	18.23	21.25	19.06	0.0805
41	30	10	537000	2685	CP-OFDM QPSK	12@6	22.15	21.86	25.02	22.83	0.1918
41	30	10	537000	2685	CP-OFDM QPSK	1@1	22.66	22.31	25.50	23.31	0.2142
41	30	10	537000	2685	CP-OFDM QPSK	1@22	22.74	21.94	25.37	23.18	0.2079
41	30	15	500700	2503.5	DFT-s-OFDM PI/2 BPSK	18@9	25.11	25.65	28.40	26.21	0.4177
41	30	15	500700	2503.5	DFT-s-OFDM PI/2 BPSK	1@1	24.98	25.43	28.22	26.03	0.4010
41	30	15	500700	2503.5	DFT-s-OFDM PI/2 BPSK	1@36	24.85	25.51	28.20	26.01	0.3993
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	18@9	24.99	25.49	28.26	26.07	0.4043
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	24.83	25.43	28.15	25.96	0.3945
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@36	24.73	25.52	28.15	25.96	0.3948
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	18@9	22.86	22.87	25.88	23.69	0.2336
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	22.63	23.08	25.87	23.68	0.2334
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@36	22.47	23.18	25.85	23.66	0.2323
41	30	15	500700	2503.5	DFT-s-OFDM 64 QAM	18@9	21.16	21.76	24.48	22.29	0.1695
41	30	15	500700	2503.5	DFT-s-OFDM 64 QAM	1@1	21.06	21.54	24.32	22.13	0.1632
41	30	15	500700	2503.5	DFT-s-OFDM 64 QAM	1@36	21.02	21.77	24.42	22.23	0.1672

41	30	15	500700	2503.5	DFT-s-OFDM 256 QAM	18@9	18.85	18.55	21.71	19.52	0.0896
41	30	15	500700	2503.5	DFT-s-OFDM 256 QAM	1@1	17.5	18.08	20.81	18.62	0.0728
41	30	15	500700	2503.5	DFT-s-OFDM 256 QAM	1@36	17.39	17.86	20.64	18.45	0.0700
41	30	15	500700	2503.5	CP-OFDM QPSK	19@9	22.2	21.79	25.01	22.82	0.1914
41	30	15	500700	2503.5	CP-OFDM QPSK	1@1	22.03	22.46	25.26	23.07	0.2028
41	30	15	500700	2503.5	CP-OFDM QPSK	1@36	21.98	22.63	25.33	23.14	0.2059
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	18@9	25.42	24.9	28.18	25.99	0.3970
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.19	24.67	27.95	25.76	0.3765
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@36	25.25	24.87	28.07	25.88	0.3877
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	18@9	25.52	24.99	28.27	26.08	0.4058
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.24	24.79	28.03	25.84	0.3838
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@36	25.15	24.86	28.02	25.83	0.3826
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	18@9	22.72	22.33	25.54	23.35	0.2163
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	22.89	22.14	25.54	23.35	0.2163
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@36	22.89	22.48	25.70	23.51	0.2244
41	30	15	518598	2592.99	DFT-s-OFDM 64 QAM	18@9	21.85	21.51	24.69	22.50	0.1780
41	30	15	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.88	20.98	24.46	22.27	0.1688
41	30	15	518598	2592.99	DFT-s-OFDM 64 QAM	1@36	21.77	21.52	24.66	22.47	0.1765
41	30	15	518598	2592.99	DFT-s-OFDM 256 QAM	18@9	18.04	17.44	20.76	18.57	0.0720
41	30	15	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	17.93	18.01	20.98	18.79	0.0757
41	30	15	518598	2592.99	DFT-s-OFDM 256 QAM	1@36	18.44	18.21	21.34	19.15	0.0822
41	30	15	518598	2592.99	CP-OFDM QPSK	19@9	22.63	22.16	25.41	23.22	0.2100
41	30	15	518598	2592.99	CP-OFDM QPSK	1@1	22.56	21.84	25.23	23.04	0.2012
41	30	15	518598	2592.99	CP-OFDM QPSK	1@36	22.37	22.12	25.26	23.07	0.2026
41	30	15	536496	2682.48	DFT-s-OFDM PI/2 BPSK	18@9	25.9	25.53	28.73	26.54	0.4507
41	30	15	536496	2682.48	DFT-s-OFDM PI/2 BPSK	1@1	25.64	25.58	28.62	26.43	0.4396
41	30	15	536496	2682.48	DFT-s-OFDM PI/2 BPSK	1@36	25.75	24.99	28.40	26.21	0.4175
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	18@9	25.67	25.3	28.50	26.31	0.4275
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	25.47	25.57	28.53	26.34	0.4306
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@36	25.22	25.21	28.23	26.04	0.4014
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	18@9	23.52	23.19	26.37	24.18	0.2617
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	23.24	23.18	26.22	24.03	0.2530
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@36	23.33	22.51	25.95	23.76	0.2377
41	30	15	536496	2682.48	DFT-s-OFDM 64 QAM	18@9	21.77	21.5	24.65	22.46	0.1761
41	30	15	536496	2682.48	DFT-s-OFDM 64 QAM	1@1	21.67	21.67	24.68	22.49	0.1774
41	30	15	536496	2682.48	DFT-s-OFDM 64 QAM	1@36	21.22	21.41	24.33	22.14	0.1635

41	30	15	536496	2682.48	DFT-s-OFDM 256 QAM	18@9	18.53	18.23	21.39	19.20	0.0832
41	30	15	536496	2682.48	DFT-s-OFDM 256 QAM	1@1	18.13	18.27	21.21	19.02	0.0798
41	30	15	536496	2682.48	DFT-s-OFDM 256 QAM	1@36	18.19	17.69	20.96	18.77	0.0753
41	30	15	536496	2682.48	CP-OFDM QPSK	19@9	22.91	22.57	25.75	23.56	0.2272
41	30	15	536496	2682.48	CP-OFDM QPSK	1@1	22.67	22.6	25.65	23.46	0.2216
41	30	15	536496	2682.48	CP-OFDM QPSK	1@36	22.69	21.86	25.31	23.12	0.2049
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	25@12	25.14	25.8	28.49	26.30	0.4269
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@1	25	25.46	28.25	26.06	0.4033
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@49	24.95	25.62	28.31	26.12	0.4091
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	25@12	25.04	25.6	28.34	26.15	0.4120
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	24.9	25.46	28.20	26.01	0.3990
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@49	25.22	25.21	28.23	26.04	0.4014
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	25@12	22.76	23.34	26.07	23.88	0.2443
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	22.52	23.06	25.81	23.62	0.2301
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@49	22.45	23.19	25.85	23.66	0.2321
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	25@12	21.09	21.76	24.45	22.26	0.1682
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	1@1	21	21.55	24.29	22.10	0.1623
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	1@49	21.88	21.83	24.87	22.68	0.1852
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	25@12	17.76	18.45	21.13	18.94	0.0783
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	1@1	17.44	17.98	20.73	18.54	0.0714
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	1@49	17.37	18.22	20.83	18.64	0.0730
41	30	20	501204	2506.02	CP-OFDM QPSK	25@12	22.15	22.8	25.50	23.31	0.2142
41	30	20	501204	2506.02	CP-OFDM QPSK	1@1	21.99	22.47	25.25	23.06	0.2022
41	30	20	501204	2506.02	CP-OFDM QPSK	1@49	22.33	22.34	25.35	23.16	0.2068
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	25@12	25.57	25.06	28.33	26.14	0.4114
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.05	24.66	27.87	25.68	0.3698
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@49	25.38	25.08	28.24	26.05	0.4030
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	25@12	25.33	24.83	28.10	25.91	0.3897
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.07	24.58	27.84	25.65	0.3675
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@49	25.53	25.52	28.54	26.35	0.4311
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	25@12	23.13	22.6	25.88	23.69	0.2341
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	22.96	22.26	25.63	23.44	0.2210
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@49	23.08	22.7	25.90	23.71	0.2352
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	25@12	21.38	21.01	24.21	22.02	0.1592
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.83	21.81	24.83	22.64	0.1837
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	1@49	22	21.35	24.70	22.51	0.1781

41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	25@12	18.2	18.11	21.17	18.98	0.0790
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	18.53	18.5	21.53	19.34	0.0858
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	1@49	18.04	17.76	20.91	18.72	0.0745
41	30	20	518598	2592.99	CP-OFDM QPSK	25@12	22.23	22.4	25.33	23.14	0.2059
41	30	20	518598	2592.99	CP-OFDM QPSK	1@1	22.34	21.75	25.07	22.88	0.1939
41	30	20	518598	2592.99	CP-OFDM QPSK	1@49	22.31	22.14	25.24	23.05	0.2017
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	25@12	25.77	25.56	28.68	26.49	0.4453
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@1	25.42	25.66	28.55	26.36	0.4327
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@49	25.61	24.88	28.27	26.08	0.4056
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	25@12	25.58	25.36	28.48	26.29	0.4258
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	25.27	25.65	28.47	26.28	0.4251
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@49	25.52	25.43	28.49	26.30	0.4261
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	25@12	23.4	23.22	26.32	24.13	0.2589
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	23.05	23.35	26.21	24.02	0.2525
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@49	23.25	22.49	25.90	23.71	0.2348
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	25@12	21.78	21.57	24.69	22.50	0.1777
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	1@1	21.59	21.87	24.74	22.55	0.1800
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	1@49	21.85	21.85	24.86	22.67	0.1849
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	25@12	18.44	18.34	21.40	19.21	0.0834
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	1@1	17.96	18.39	21.19	19.00	0.0794
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	1@49	18.19	17.49	20.86	18.67	0.0737
41	30	20	535998	2679.99	CP-OFDM QPSK	25@12	22.25	22.5	25.39	23.20	0.2088
41	30	20	535998	2679.99	CP-OFDM QPSK	1@1	22.25	22.25	25.26	23.07	0.2028
41	30	20	535998	2679.99	CP-OFDM QPSK	1@49	22.85	22.08	25.49	23.30	0.2139
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	36@18	24.84	25.68	28.29	26.10	0.4074
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	1@1	24.57	25.36	27.99	25.80	0.3805
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	1@76	25.3	25.43	28.38	26.19	0.4155
41	30	30	502200	2511	DFT-s-OFDM QPSK	36@18	25.36	25.69	28.54	26.35	0.4314
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	24.75	25.6	28.21	26.02	0.3996
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@76	25.22	25.46	28.35	26.16	0.4132
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	36@18	23.22	23.03	26.14	23.95	0.2481
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	23.25	22.77	26.03	23.84	0.2419
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@76	23.25	23.24	26.26	24.07	0.2550
41	30	30	502200	2511	DFT-s-OFDM 64 QAM	36@18	21.48	21.74	24.62	22.43	0.1751
41	30	30	502200	2511	DFT-s-OFDM 64 QAM	1@1	21.3	21.46	24.39	22.20	0.1660
41	30	30	502200	2511	DFT-s-OFDM 64 QAM	1@76	21.22	21.66	24.46	22.27	0.1685

41	30	30	502200	2511	DFT-s-OFDM 256 QAM	36@18	18.55	18.53	21.55	19.36	0.0863
41	30	30	502200	2511	DFT-s-OFDM 256 QAM	1@1	17.11	17.91	20.54	18.35	0.0684
41	30	30	502200	2511	DFT-s-OFDM 256 QAM	1@76	18.01	18.21	21.12	18.93	0.0782
41	30	30	502200	2511	CP-OFDM QPSK	39@19	21.84	22.76	25.33	23.14	0.2063
41	30	30	502200	2511	CP-OFDM QPSK	1@1	21.62	22.3	24.98	22.79	0.1903
41	30	30	502200	2511	CP-OFDM QPSK	1@76	21.4	22.5	25.00	22.81	0.1908
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	36@18	25.21	24.78	28.01	25.82	0.3820
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.93	24.37	27.67	25.48	0.3531
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@76	24.83	25.07	27.96	25.77	0.3777
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	36@18	24.84	24.55	27.71	25.52	0.3563
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.81	24.27	27.56	25.37	0.3442
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@76	25.22	25.21	28.23	26.04	0.4014
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	36@18	22.65	22.36	25.52	23.33	0.2152
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	22.41	22.5	25.47	23.28	0.2126
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@76	22.35	22.71	25.54	23.35	0.2165
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	36@18	20.94	20.68	23.82	21.63	0.1456
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.57	21.75	24.67	22.48	0.1771
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	1@76	21.22	21.33	24.29	22.10	0.1620
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	36@18	18.53	18.11	21.34	19.15	0.0821
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	17.46	17.66	20.57	18.38	0.0689
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	1@76	17.65	17.64	20.66	18.47	0.0702
41	30	30	518598	2592.99	CP-OFDM QPSK	39@19	23.22	23.01	26.13	23.94	0.2475
41	30	30	518598	2592.99	CP-OFDM QPSK	1@1	22.12	21.61	24.88	22.69	0.1859
41	30	30	518598	2592.99	CP-OFDM QPSK	1@76	21.98	22.31	25.16	22.97	0.1981
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	36@18	25.39	25.79	28.60	26.41	0.4380
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@1	25.02	25.89	28.49	26.30	0.4263
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@76	25.16	24.81	28.00	25.81	0.3810
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	36@18	25.01	25.5	28.27	26.08	0.4057
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	24.8	25.82	28.35	26.16	0.4131
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@76	25.56	25.35	28.47	26.28	0.4243
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	36@18	22.92	23.35	26.15	23.96	0.2489
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	22.54	23.51	26.06	23.87	0.2439
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@76	22.73	22.34	25.55	23.36	0.2168
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	36@18	21.16	21.67	24.43	22.24	0.1676
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	1@1	21.07	22.02	24.58	22.39	0.1734
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	1@76	21.8	21.53	24.68	22.49	0.1773

41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	36@18	18.23	18.53	21.39	19.20	0.0832
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	1@1	17.74	18.64	21.22	19.03	0.0800
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	1@76	17.95	17.5	20.74	18.55	0.0716
41	30	30	534996	2674.98	CP-OFDM QPSK	39@19	22.23	22.25	25.25	23.06	0.2023
41	30	30	534996	2674.98	CP-OFDM QPSK	1@1	22.78	22.98	25.89	23.70	0.2345
41	30	30	534996	2674.98	CP-OFDM QPSK	1@76	22.37	21.94	25.17	22.98	0.1986
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	50@25	25.04	25.61	28.34	26.15	0.4125
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@1	24.91	25.32	28.13	25.94	0.3927
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@104	24.71	25.43	28.10	25.91	0.3895
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	50@25	24.84	25.52	28.20	26.01	0.3994
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	24.8	25.41	28.13	25.94	0.3923
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@104	25.75	25.63	28.70	26.51	0.4478
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	50@25	22.63	23.27	25.97	23.78	0.2389
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	22.49	22.89	25.70	23.51	0.2246
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@104	22.29	23.1	25.72	23.53	0.2256
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	50@25	20.93	21.61	24.29	22.10	0.1623
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	1@1	20.98	21.5	24.26	22.07	0.1610
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	1@104	21.82	21.56	24.70	22.51	0.1783
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	50@25	17.64	18.31	21.00	18.81	0.0760
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	1@1	17.37	18.01	20.71	18.52	0.0712
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	1@104	17.23	18.11	20.70	18.51	0.0710
41	30	40	503202	2516.01	CP-OFDM QPSK	53@26	21.98	22.73	25.38	23.19	0.2085
41	30	40	503202	2516.01	CP-OFDM QPSK	1@1	22.22	22.54	25.39	23.20	0.2091
41	30	40	503202	2516.01	CP-OFDM QPSK	1@104	21.93	22.82	25.41	23.22	0.2098
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@25	25.46	24.84	28.17	25.98	0.3964
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.07	24.57	27.84	25.65	0.3671
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@104	25.41	25.38	28.41	26.22	0.4183
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	50@25	25.18	24.68	27.95	25.76	0.3765
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.92	24.44	27.70	25.51	0.3554
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@104	25.86	25.44	28.67	26.48	0.4442
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	50@25	22.97	22.46	25.73	23.54	0.2261
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	22.57	22.11	25.36	23.17	0.2073
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@104	22.94	22.96	25.96	23.77	0.2382
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	50@25	21.3	20.83	24.08	21.89	0.1546
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.12	20.6	23.88	21.69	0.1475
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	1@104	21.76	21.74	24.76	22.57	0.1807

41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	50@25	18.04	17.47	20.77	18.58	0.0722
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	17.54	17.8	20.68	18.49	0.0707
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	1@104	17.93	18.03	20.99	18.80	0.0759
41	30	40	518598	2592.99	CP-OFDM QPSK	53@26	22.35	22.23	25.30	23.11	0.2047
41	30	40	518598	2592.99	CP-OFDM QPSK	1@1	22.45	22.75	25.61	23.42	0.2199
41	30	40	518598	2592.99	CP-OFDM QPSK	1@104	22.6	22.64	25.63	23.44	0.2208
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	50@25	25.71	26.11	28.92	26.73	0.4715
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	1@1	25.21	26.29	28.79	26.60	0.4575
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	1@104	24.86	24.9	27.89	25.70	0.3716
41	30	40	534000	2670	DFT-s-OFDM QPSK	50@25	25.45	25.81	28.64	26.45	0.4420
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	25.01	26.19	28.65	26.46	0.4426
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@104	25.75	25.76	28.77	26.58	0.4545
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	50@25	23.26	23.68	26.49	24.30	0.2689
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	22.75	23.79	26.31	24.12	0.2583
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@104	23.08	22.51	25.81	23.62	0.2304
41	30	40	534000	2670	DFT-s-OFDM 64 QAM	50@25	21.56	22.06	24.83	22.64	0.1835
41	30	40	534000	2670	DFT-s-OFDM 64 QAM	1@1	21.33	22.32	24.86	22.67	0.1851
41	30	40	534000	2670	DFT-s-OFDM 64 QAM	1@104	21.73	21.85	24.80	22.61	0.1824
41	30	40	534000	2670	DFT-s-OFDM 256 QAM	50@25	18.26	18.84	21.57	19.38	0.0867
41	30	40	534000	2670	DFT-s-OFDM 256 QAM	1@1	17.74	18.92	21.38	19.19	0.0830
41	30	40	534000	2670	DFT-s-OFDM 256 QAM	1@104	18.18	17.6	20.91	18.72	0.0745
41	30	40	534000	2670	CP-OFDM QPSK	53@26	22.72	23.06	25.90	23.71	0.2352
41	30	40	534000	2670	CP-OFDM QPSK	1@1	22.46	22.57	25.53	23.34	0.2156
41	30	40	534000	2670	CP-OFDM QPSK	1@104	22.77	22.16	25.49	23.30	0.2136
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	64@32	25.07	25.68	28.40	26.21	0.4174
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@1	24.94	25.37	28.17	25.98	0.3963
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@131	24.92	25.36	28.16	25.97	0.3950
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	64@32	24.81	25.51	28.18	25.99	0.3976
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	24.76	25.45	28.13	25.94	0.3926
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@131	25.75	25.66	28.72	26.53	0.4493
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	64@32	22.56	23.26	25.93	23.74	0.2368
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	22.47	22.86	25.68	23.49	0.2233
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@131	22.42	22.87	25.66	23.47	0.2224
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	64@32	21.52	21.62	24.58	22.39	0.1734
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	1@1	21.06	21.44	24.26	22.07	0.1612
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	1@131	21.71	21.73	24.73	22.54	0.1795

41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	64@32	17.61	18.31	20.98	18.79	0.0758
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	1@1	17.37	17.97	20.69	18.50	0.0708
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	1@131	17.32	18.03	20.70	18.51	0.0710
41	30	50	504204	2521.02	CP-OFDM QPSK	67@33	21.97	22.68	25.35	23.16	0.2070
41	30	50	504204	2521.02	CP-OFDM QPSK	1@1	22.56	22.74	25.66	23.47	0.2224
41	30	50	504204	2521.02	CP-OFDM QPSK	1@131	22	22.59	25.32	23.13	0.2054
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	64@32	25.44	24.9	28.19	26.00	0.3980
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.08	24.53	27.82	25.63	0.3659
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@131	25.36	25.57	28.48	26.29	0.4253
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	64@32	25.22	24.64	27.95	25.76	0.3767
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.92	24.51	27.73	25.54	0.3581
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@131	25.45	25.55	28.51	26.32	0.4286
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	64@32	22.99	22.49	25.76	23.57	0.2274
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	22.59	22.13	25.38	23.19	0.2083
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@131	22.89	23.2	26.06	23.87	0.2437
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	64@32	21.28	20.81	24.06	21.87	0.1539
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.09	20.62	23.87	21.68	0.1473
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	1@131	21.59	21.82	24.72	22.53	0.1789
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	64@32	18.21	18.21	21.22	19.03	0.0800
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	17.4	17.56	20.49	18.30	0.0676
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	1@131	17.81	18.27	21.06	18.87	0.0770
41	30	50	518598	2592.99	CP-OFDM QPSK	67@33	22.52	22.01	25.28	23.09	0.2038
41	30	50	518598	2592.99	CP-OFDM QPSK	1@1	22.09	21.6	24.86	22.67	0.1850
41	30	50	518598	2592.99	CP-OFDM QPSK	1@131	22.42	22.71	25.58	23.39	0.2182
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	64@32	25.64	26.21	28.94	26.75	0.4737
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@1	25.1	26.24	28.72	26.53	0.4495
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@131	24.88	25.02	27.96	25.77	0.3776
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	64@32	25.31	25.98	28.67	26.48	0.4444
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	24.87	26.28	28.64	26.45	0.4418
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@131	25	25.27	28.15	25.96	0.3942
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	64@32	22.96	23.61	26.31	24.12	0.2581
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	22.6	23.73	26.21	24.02	0.2525
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@131	23.08	22.48	25.80	23.61	0.2296
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	64@32	21.38	21.32	24.36	22.17	0.1648
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@1	21.25	21.72	24.50	22.31	0.1703
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@131	21.55	21.53	24.55	22.36	0.1722

41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	64@32	18.19	18.92	21.58	19.39	0.0869
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@1	17.61	18.85	21.28	19.09	0.0812
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@131	18.13	17.65	20.91	18.72	0.0744
41	30	50	532998	2664.99	CP-OFDM QPSK	67@33	22.6	23.26	25.95	23.76	0.2378
41	30	50	532998	2664.99	CP-OFDM QPSK	1@1	22.5	22.76	25.64	23.45	0.2214
41	30	50	532998	2664.99	CP-OFDM QPSK	1@131	22.72	22.27	25.51	23.32	0.2148
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	81@40	24.93	25.65	28.32	26.13	0.4098
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@1	24.79	25.26	28.04	25.85	0.3847
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@160	24.97	25.05	28.02	25.83	0.3829
41	30	60	505200	2526	DFT-s-OFDM QPSK	81@40	24.74	25.47	28.13	25.94	0.3927
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	24.65	25.55	28.13	25.94	0.3930
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@160	25.2	25.25	28.24	26.05	0.4023
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	81@40	22.27	23.05	25.69	23.50	0.2238
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	22.23	22.72	25.49	23.30	0.2139
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@160	22.5	22.53	25.53	23.34	0.2155
41	30	60	505200	2526	DFT-s-OFDM 64 QAM	81@40	21.23	21.25	24.25	22.06	0.1607
41	30	60	505200	2526	DFT-s-OFDM 64 QAM	1@1	21.09	21.47	24.29	22.10	0.1623
41	30	60	505200	2526	DFT-s-OFDM 64 QAM	1@160	21.14	21.26	24.21	22.02	0.1592
41	30	60	505200	2526	DFT-s-OFDM 256 QAM	81@40	18.8	18.74	21.78	19.59	0.0910
41	30	60	505200	2526	DFT-s-OFDM 256 QAM	1@1	17.82	17.81	20.83	18.64	0.0730
41	30	60	505200	2526	DFT-s-OFDM 256 QAM	1@160	18.54	18.75	21.66	19.47	0.0884
41	30	60	505200	2526	CP-OFDM QPSK	81@40	21.98	22.75	25.39	23.20	0.2090
41	30	60	505200	2526	CP-OFDM QPSK	1@1	21.84	22.22	25.04	22.85	0.1930
41	30	60	505200	2526	CP-OFDM QPSK	1@160	21.94	21.98	24.97	22.78	0.1897
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	81@40	25.38	24.87	28.14	25.95	0.3938
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.92	24.59	27.77	25.58	0.3613
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@160	25.24	25.75	28.51	26.32	0.4288
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	81@40	25.16	24.66	27.93	25.74	0.3748
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.35	25.55	28.46	26.27	0.4238
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@160	25.41	25.96	28.70	26.51	0.4481
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	81@40	22.72	22.29	25.52	23.33	0.2153
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	22.42	22.03	25.24	23.05	0.2018
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@160	22.78	23.33	26.07	23.88	0.2446
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	81@40	21.52	21.53	24.54	22.35	0.1716
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.15	20.84	24.01	21.82	0.1520
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	1@160	21.43	21.94	24.70	22.51	0.1784

41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	81@40	18.83	18.75	21.80	19.61	0.0914
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	17.86	17.85	20.87	18.68	0.0737
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	1@160	18.55	18.71	21.64	19.45	0.0881
41	30	60	518598	2592.99	CP-OFDM QPSK	81@40	22.43	21.95	25.21	23.02	0.2003
41	30	60	518598	2592.99	CP-OFDM QPSK	1@1	21.93	21.58	24.77	22.58	0.1811
41	30	60	518598	2592.99	CP-OFDM QPSK	1@160	22.27	22.83	25.57	23.38	0.2177
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	81@40	25.49	26.35	28.95	26.76	0.4744
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@1	24.96	25.91	28.47	26.28	0.4247
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@160	24.88	24.95	27.93	25.74	0.3746
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	81@40	25.3	26.11	28.73	26.54	0.4512
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.22	25.38	28.31	26.12	0.4094
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@160	25.07	25.35	28.22	26.03	0.4011
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	81@40	22.92	23.82	26.40	24.21	0.2639
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	22.51	23.44	26.01	23.82	0.2410
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@160	23.11	22.5	25.83	23.64	0.2310
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	81@40	21.14	21.42	24.29	22.10	0.1623
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	1@1	21.33	22.18	24.79	22.60	0.1818
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	1@160	21.42	21.43	24.44	22.25	0.1677
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	81@40	18.18	19.13	21.69	19.50	0.0892
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	1@1	17.51	18.55	21.07	18.88	0.0773
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	1@160	18.13	17.7	20.93	18.74	0.0748
41	30	60	531996	2659.98	CP-OFDM QPSK	81@40	22.14	22.42	25.29	23.10	0.2043
41	30	60	531996	2659.98	CP-OFDM QPSK	1@1	22.56	22.58	25.58	23.39	0.2183
41	30	60	531996	2659.98	CP-OFDM QPSK	1@160	22.81	22.21	25.53	23.34	0.2158
41	30	70	506202	2531.01	DFT-s-OFDM PI/2 BPSK	90@45	25.01	25.76	28.41	26.22	0.4189
41	30	70	506202	2531.01	DFT-s-OFDM PI/2 BPSK	1@1	24.75	25.3	28.04	25.85	0.3849
41	30	70	506202	2531.01	DFT-s-OFDM PI/2 BPSK	1@187	25.06	24.75	27.92	25.73	0.3739
41	30	70	506202	2531.01	DFT-s-OFDM QPSK	90@45	24.68	25.51	28.13	25.94	0.3922
41	30	70	506202	2531.01	DFT-s-OFDM QPSK	1@1	25.44	25.42	28.44	26.25	0.4217
41	30	70	506202	2531.01	DFT-s-OFDM QPSK	1@187	25.48	25.18	28.34	26.15	0.4124
41	30	70	506202	2531.01	DFT-s-OFDM 16 QAM	90@45	22.29	23.17	25.76	23.57	0.2276
41	30	70	506202	2531.01	DFT-s-OFDM 16 QAM	1@1	22.14	22.76	25.47	23.28	0.2129
41	30	70	506202	2531.01	DFT-s-OFDM 16 QAM	1@187	22.56	22.27	25.43	23.24	0.2108
41	30	70	506202	2531.01	DFT-s-OFDM 64 QAM	90@45	21.42	21.74	24.59	22.40	0.1739
41	30	70	506202	2531.01	DFT-s-OFDM 64 QAM	1@1	21.02	21.53	24.29	22.10	0.1623
41	30	70	506202	2531.01	DFT-s-OFDM 64 QAM	1@187	21.31	20.99	24.16	21.97	0.1575

41	30	70	506202	2531.01	DFT-s-OFDM 256 QAM	90@45	18.22	18.21	21.23	19.04	0.0801
41	30	70	506202	2531.01	DFT-s-OFDM 256 QAM	1@1	17.11	17.77	20.46	18.27	0.0672
41	30	70	506202	2531.01	DFT-s-OFDM 256 QAM	1@187	17.89	18.01	20.96	18.77	0.0753
41	30	70	506202	2531.01	CP-OFDM QPSK	95@47	22.04	22.7	25.39	23.20	0.2091
41	30	70	506202	2531.01	CP-OFDM QPSK	1@1	21.75	22.22	25.00	22.81	0.1911
41	30	70	506202	2531.01	CP-OFDM QPSK	1@187	22.18	21.88	25.04	22.85	0.1929
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	90@45	25.41	24.83	28.14	25.95	0.3935
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.75	24.63	27.70	25.51	0.3557
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@187	25.18	25.91	28.57	26.38	0.4346
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	90@45	25.05	24.54	27.81	25.62	0.3650
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.04	25.22	28.14	25.95	0.3937
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@187	25.53	26.38	28.99	26.80	0.4782
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	90@45	22.69	22.29	25.50	23.31	0.2145
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	22.16	22.09	25.14	22.95	0.1970
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@187	22.63	23.49	26.09	23.90	0.2456
41	30	70	518598	2592.99	DFT-s-OFDM 64 QAM	90@45	21.4	21.38	24.40	22.21	0.1664
41	30	70	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.03	20.92	23.99	21.80	0.1512
41	30	70	518598	2592.99	DFT-s-OFDM 64 QAM	1@187	21.38	22.16	24.80	22.61	0.1823
41	30	70	518598	2592.99	DFT-s-OFDM 256 QAM	90@45	18.22	18.23	21.24	19.05	0.0803
41	30	70	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	17.11	17.86	20.51	18.32	0.0679
41	30	70	518598	2592.99	DFT-s-OFDM 256 QAM	1@187	18.7	18.35	21.54	19.35	0.0861
41	30	70	518598	2592.99	CP-OFDM QPSK	95@47	22.42	21.92	25.19	23.00	0.1994
41	30	70	518598	2592.99	CP-OFDM QPSK	1@1	21.69	21.59	24.65	22.46	0.1762
41	30	70	518598	2592.99	CP-OFDM QPSK	1@187	22.29	23.02	25.68	23.49	0.2234
41	30	70	531000	2655	DFT-s-OFDM PI/2 BPSK	90@45	25.45	26.49	29.01	26.82	0.4810
41	30	70	531000	2655	DFT-s-OFDM PI/2 BPSK	1@1	24.83	25.31	28.09	25.90	0.3888
41	30	70	531000	2655	DFT-s-OFDM PI/2 BPSK	1@187	25.56	24.89	28.25	26.06	0.4035
41	30	70	531000	2655	DFT-s-OFDM QPSK	90@45	25.28	26.31	28.84	26.65	0.4619
41	30	70	531000	2655	DFT-s-OFDM QPSK	1@1	25.85	25.35	28.62	26.43	0.4393
41	30	70	531000	2655	DFT-s-OFDM QPSK	1@187	25.93	25.36	28.66	26.47	0.4441
41	30	70	531000	2655	DFT-s-OFDM 16 QAM	90@45	22.81	23.89	26.39	24.20	0.2633
41	30	70	531000	2655	DFT-s-OFDM 16 QAM	1@1	22.3	22.88	25.61	23.42	0.2198
41	30	70	531000	2655	DFT-s-OFDM 16 QAM	1@187	23.04	22.43	25.76	23.57	0.2273
41	30	70	531000	2655	DFT-s-OFDM 64 QAM	90@45	21.44	21.43	24.45	22.26	0.1681
41	30	70	531000	2655	DFT-s-OFDM 64 QAM	1@1	21.17	21.64	24.42	22.23	0.1672
41	30	70	531000	2655	DFT-s-OFDM 64 QAM	1@187	21.78	21.13	24.48	22.29	0.1693

41	30	70	531000	2655	DFT-s-OFDM 256 QAM	90@45	18.24	18.04	21.15	18.96	0.0787
41	30	70	531000	2655	DFT-s-OFDM 256 QAM	1@1	17.34	17.91	20.64	18.45	0.0701
41	30	70	531000	2655	DFT-s-OFDM 256 QAM	1@187	18.86	18.84	21.86	19.67	0.0927
41	30	70	531000	2655	CP-OFDM QPSK	95@47	22.57	23.54	26.09	23.90	0.2456
41	30	70	531000	2655	CP-OFDM QPSK	1@1	21.89	22.39	25.16	22.97	0.1980
41	30	70	531000	2655	CP-OFDM QPSK	1@187	22.69	22.09	25.41	23.22	0.2099
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	108@54	24.94	25.55	28.27	26.08	0.4051
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@1	24.63	25.21	27.94	25.75	0.3758
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@215	25.1	24.55	27.84	25.65	0.3676
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	108@54	24.69	25.37	28.05	25.86	0.3858
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	25.55	25.51	28.54	26.35	0.4316
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@215	25.51	25.41	28.47	26.28	0.4247
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	108@54	22.3	23.01	25.68	23.49	0.2233
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	22.09	22.69	25.41	23.22	0.2099
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@215	22.52	22.08	25.32	23.13	0.2054
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	108@54	21.42	21.5	24.47	22.28	0.1691
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	1@1	20.99	21.49	24.26	22.07	0.1610
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	1@215	21.34	20.82	24.10	21.91	0.1552
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	108@54	18.53	18.35	21.45	19.26	0.0844
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	1@1	17.05	17.78	20.44	18.25	0.0668
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	1@215	18.83	18.87	21.86	19.67	0.0927
41	30	80	507204	2536.02	CP-OFDM QPSK	109@54	22.05	22.67	25.38	23.19	0.2085
41	30	80	507204	2536.02	CP-OFDM QPSK	1@1	21.67	22.18	24.94	22.75	0.1885
41	30	80	507204	2536.02	CP-OFDM QPSK	1@215	22.14	21.58	24.88	22.69	0.1858
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	108@54	25.36	24.9	28.15	25.96	0.3941
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.61	24.7	27.67	25.48	0.3528
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@215	25.18	26.19	28.72	26.53	0.4503
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	108@54	25.07	24.69	27.89	25.70	0.3719
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.55	25.42	28.50	26.31	0.4271
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@215	25.5	26.5	29.04	26.85	0.4841
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	108@54	22.67	22.31	25.50	23.31	0.2145
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	22.03	22.2	25.13	22.94	0.1966
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@215	22.65	23.76	26.25	24.06	0.2547
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	108@54	21.42	21.38	24.41	22.22	0.1667
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	20.99	21.07	24.04	21.85	0.1531
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	1@215	21.36	22.4	24.92	22.73	0.1876

41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	108@54	17.79	17.41	20.61	18.42	0.0696
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	17.08	17.25	20.18	17.99	0.0629
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	1@215	17.82	17.85	20.85	18.66	0.0734
41	30	80	518598	2592.99	CP-OFDM QPSK	109@54	22.38	21.96	25.19	23.00	0.1993
41	30	80	518598	2592.99	CP-OFDM QPSK	1@1	21.62	21.74	24.69	22.50	0.1779
41	30	80	518598	2592.99	CP-OFDM QPSK	1@215	22.26	23.24	25.79	23.60	0.2290
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	108@54	25.42	26.45	28.98	26.79	0.4771
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@1	24.82	24.85	27.85	25.66	0.3677
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@215	25.54	24.91	28.25	26.06	0.4033
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	108@54	25.27	25.86	28.59	26.40	0.4360
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	25.5	25.38	28.45	26.26	0.4227
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@215	26.09	25.64	28.88	26.69	0.4668
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	108@54	22.7	23.79	26.29	24.10	0.2570
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	22.27	22.44	25.37	23.18	0.2078
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@215	23.02	22.5	25.78	23.59	0.2285
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	108@54	21.43	21.42	24.44	22.25	0.1677
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	1@1	21.16	21.17	24.18	21.99	0.1580
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	1@215	21.78	21.19	24.51	22.32	0.1704
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	108@54	18.21	18.01	21.12	18.93	0.0782
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	1@1	17.34	17.44	20.40	18.21	0.0662
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	1@215	17.8	17.89	20.86	18.67	0.0735
41	30	80	529998	2649.99	CP-OFDM QPSK	109@54	22.53	23.6	26.11	23.92	0.2465
41	30	80	529998	2649.99	CP-OFDM QPSK	1@1	21.87	22	24.95	22.76	0.1886
41	30	80	529998	2649.99	CP-OFDM QPSK	1@215	22.63	21.98	25.33	23.14	0.2059
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	120@60	24.96	25.38	28.19	26.00	0.3977
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@1	24.57	25.14	27.87	25.68	0.3702
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@243	25.07	24.49	27.80	25.61	0.3639
41	30	90	508200	2541	DFT-s-OFDM QPSK	120@60	24.93	25.34	28.15	25.96	0.3945
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	25.22	25.23	28.24	26.05	0.4023
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@243	25.52	24.88	28.22	26.03	0.4011
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	120@60	22.34	22.9	25.64	23.45	0.2213
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	22.01	22.61	25.33	23.14	0.2061
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@243	22.57	22.08	25.34	23.15	0.2066
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	120@60	21.43	21.2	24.33	22.14	0.1636
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	1@1	20.93	21.54	24.26	22.07	0.1609
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	1@243	21.33	20.76	24.06	21.87	0.1540

41	30	90	508200	2541	DFT-s-OFDM 256 QAM	120@60	18.25	18.52	21.40	19.21	0.0833
41	30	90	508200	2541	DFT-s-OFDM 256 QAM	1@1	17.1	17.75	20.45	18.26	0.0669
41	30	90	508200	2541	DFT-s-OFDM 256 QAM	1@243	17.85	17.86	20.87	18.68	0.0737
41	30	90	508200	2541	CP-OFDM QPSK	123@61	22.07	22.55	25.33	23.14	0.2059
41	30	90	508200	2541	CP-OFDM QPSK	1@1	21.62	22.18	24.92	22.73	0.1875
41	30	90	508200	2541	CP-OFDM QPSK	1@243	22.2	21.57	24.91	22.72	0.1869
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	120@60	25.31	24.89	28.12	25.93	0.3913
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.56	24.82	27.70	25.51	0.3558
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@243	25.14	26.37	28.81	26.62	0.4591
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	120@60	25.24	24.78	28.03	25.84	0.3834
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.86	25.55	28.72	26.53	0.4496
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@243	25.57	26.94	29.32	27.13	0.5163
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	120@60	22.64	22.26	25.46	23.27	0.2125
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	22.01	22.37	25.20	23.01	0.2002
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@243	22.68	23.91	26.35	24.16	0.2605
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	120@60	21.11	21.2	24.17	21.98	0.1576
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	20.91	21.22	24.08	21.89	0.1545
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	1@243	21.41	22.59	25.05	22.86	0.1932
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	120@60	18.3	18.2	21.26	19.07	0.0807
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	17.01	17.47	20.26	18.07	0.0641
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	1@243	17.81	19.11	21.52	19.33	0.0857
41	30	90	518598	2592.99	CP-OFDM QPSK	123@61	22.21	22.23	25.23	23.04	0.2014
41	30	90	518598	2592.99	CP-OFDM QPSK	1@1	21.53	21.84	24.70	22.51	0.1782
41	30	90	518598	2592.99	CP-OFDM QPSK	1@243	21.58	21.99	24.80	22.61	0.1824
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	120@60	25.41	26.36	28.92	26.73	0.4711
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@1	24.75	24.35	27.56	25.37	0.3447
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@243	25.49	24.94	28.23	26.04	0.4022
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	120@60	25.25	26.23	28.78	26.59	0.4558
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	24.86	24.58	27.73	25.54	0.3583
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@243	25.67	25.02	28.37	26.18	0.4147
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	120@60	22.75	23.76	26.29	24.10	0.2573
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	22.32	22.03	25.19	23.00	0.1994
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@243	22.35	22.34	25.36	23.17	0.2073
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	120@60	21.42	22.48	24.99	22.80	0.1907
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	1@1	21.53	21.53	24.54	22.35	0.1718
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	1@243	21.64	21.1	24.39	22.20	0.1659

41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	120@60	17.67	18.81	21.29	19.10	0.0812
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	1@1	17.33	17.86	20.61	18.42	0.0696
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	1@243	18.03	17.61	20.84	18.65	0.0732
41	30	90	528996	2644.98	CP-OFDM QPSK	123@61	22.25	22.21	25.24	23.05	0.2019
41	30	90	528996	2644.98	CP-OFDM QPSK	1@1	22.56	22.56	25.57	23.38	0.2178
41	30	90	528996	2644.98	CP-OFDM QPSK	1@243	22.95	22.4	25.69	23.50	0.2241
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	25.06	25.41	28.25	26.06	0.4035
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	24.67	25.18	27.94	25.75	0.3761
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	25.24	24.69	27.98	25.79	0.3797
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	24.83	25.14	28.00	25.81	0.3809
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	25.53	25.41	28.48	26.29	0.4257
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	25.5	24.91	28.23	26.04	0.4014
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	22.43	22.8	25.63	23.44	0.2208
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	22.31	22.71	25.52	23.33	0.2155
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	22.83	22.29	25.58	23.39	0.2182
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	21.06	21.42	24.25	22.06	0.1608
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	21.44	21.27	24.37	22.18	0.1650
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	21.44	20.96	24.22	22.03	0.1595
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	17.89	17.83	20.87	18.68	0.0738
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	17.38	17.94	20.68	18.49	0.0706
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	17.92	17.39	20.67	18.48	0.0705
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	22.54	22.43	25.50	23.31	0.2141
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	22.52	22.53	25.54	23.35	0.2160
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	22.54	21.99	25.28	23.09	0.2039
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	25.42	25	28.23	26.04	0.4014
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.62	24.95	27.80	25.61	0.3638
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	25.37	26.5	28.98	26.79	0.4777
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.11	24.74	27.94	25.75	0.3758
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.52	25.21	28.38	26.19	0.4157
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	25.6	25.89	28.76	26.57	0.4537
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	22.73	22.39	25.57	23.38	0.2180
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	22.08	22.59	25.35	23.16	0.2071
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	22.94	24.08	26.56	24.37	0.2734
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	21.22	21.25	24.25	22.06	0.1605
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	20.91	21.3	24.12	21.93	0.1559
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	21.57	22.79	25.23	23.04	0.2015

41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	18.2	18.02	21.12	18.93	0.0782
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	17.86	17.6	20.74	18.55	0.0717
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	17.91	19.29	21.66	19.47	0.0886
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	22.36	21.96	25.17	22.98	0.1988
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	21.5	22.07	24.80	22.61	0.1826
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	22.53	22.24	25.40	23.21	0.2093
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	25.5	26.33	28.95	26.76	0.4737
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	24.91	24.3	27.63	25.44	0.3496
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	25.15	25.03	28.10	25.91	0.3900
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	25.55	25.51	28.54	26.35	0.4316
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	25.08	24.44	27.78	25.59	0.3624
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	25.05	25.24	28.16	25.97	0.3950
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	22.71	23.66	26.22	24.03	0.2530
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	22.41	22.24	25.34	23.15	0.2064
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	22.23	22.34	25.30	23.11	0.2044
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	21.56	22.41	25.02	22.83	0.1917
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	21.04	20.51	23.79	21.60	0.1447
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	21.25	21.53	24.40	22.21	0.1664
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	18.11	18.97	21.57	19.38	0.0867
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	17.44	17.86	20.67	18.48	0.0704
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	18.2	17.81	21.02	18.83	0.0764
41	30	100	528000	2640	CP-OFDM QPSK	137@68	22.45	23.31	25.91	23.72	0.2356
41	30	100	528000	2640	CP-OFDM QPSK	1@1	21.98	21.36	24.69	22.50	0.1779
41	30	100	528000	2640	CP-OFDM QPSK	1@271	22.55	22.09	25.34	23.15	0.2064

Software Version: 22.05.231801

FR1 N41 MIMO- SCS 30KHz(ANT5)

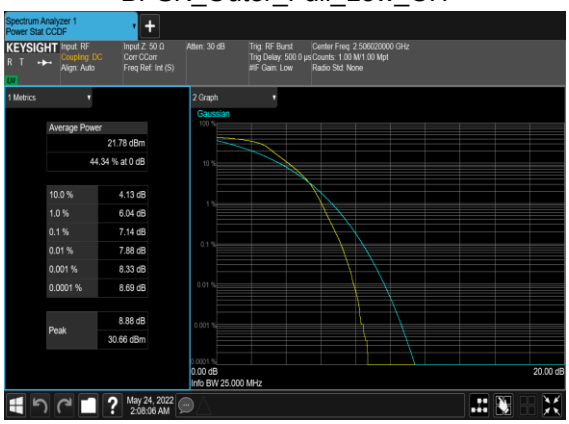
Frequency Stability

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	0.00239	**PASS**	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00657	**PASS**	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00215	**PASS**	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00689	**PASS**	-30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00222	**PASS**	-20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00584	**PASS**	-10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00276	**PASS**	0℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00591	**PASS**	10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00372	**PASS**	20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00454	**PASS**	30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00687	**PASS**	40℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00366	**PASS**	50℃

Peak to Average Radio

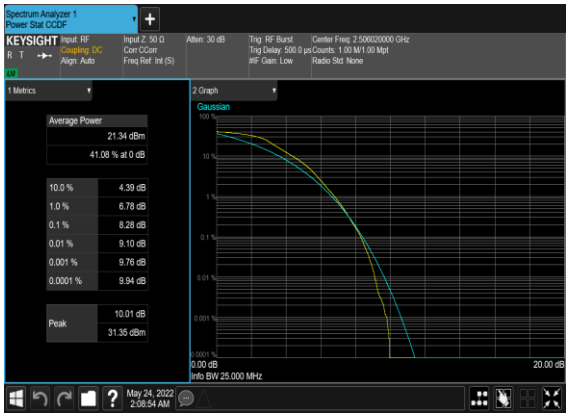
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	50@0	7.14	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@0	7.23	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	8.28	13	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	8.93	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	7.17	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	7.22	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	8.33	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	9.11	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	50@0	7.14	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@0	7.29	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	8.24	13	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	9.06	13	**PASS**

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

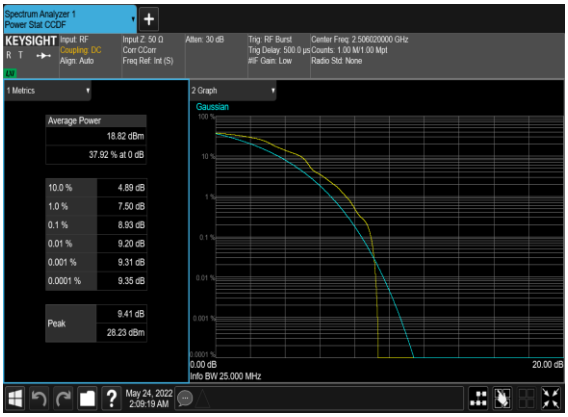


N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH

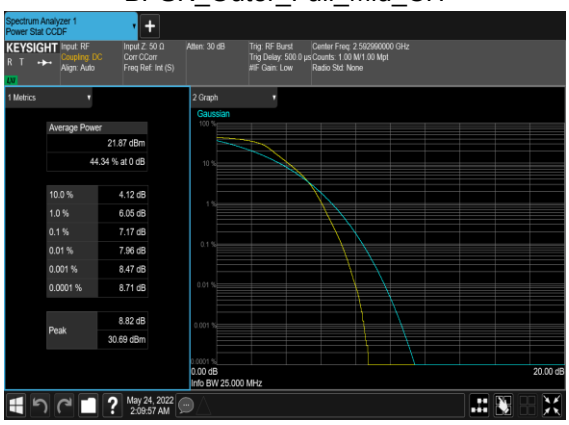
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



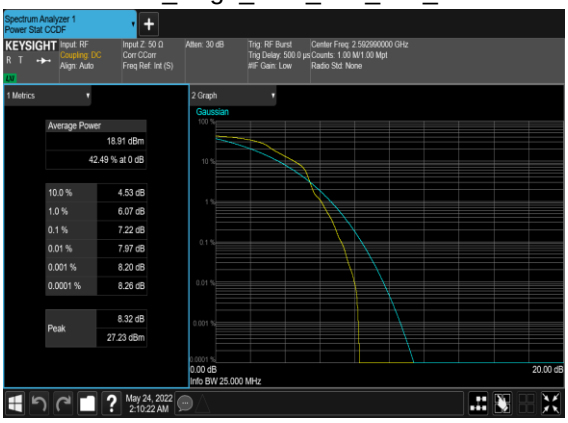
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



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

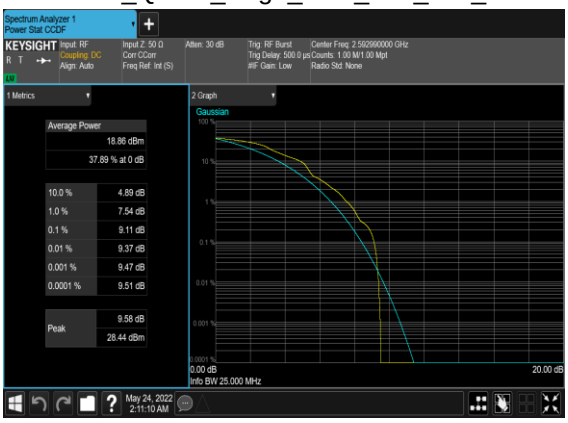


N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH

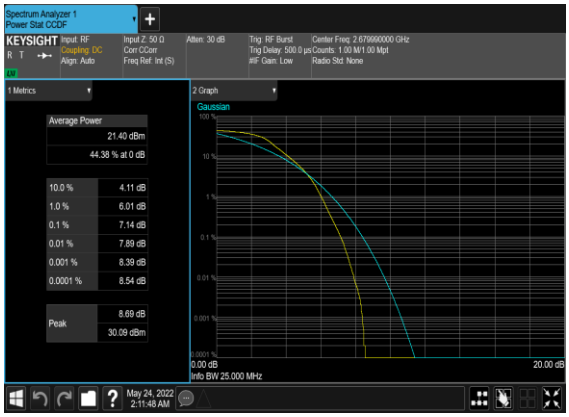


N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

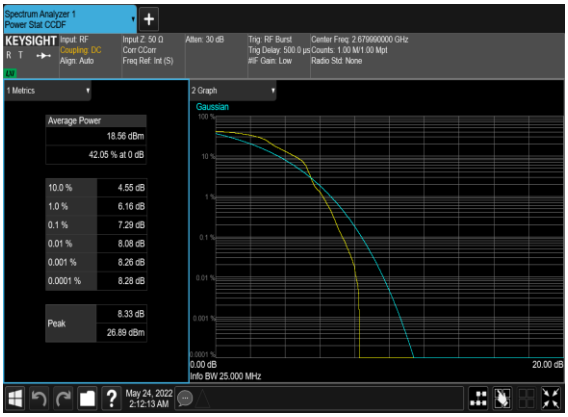
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



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

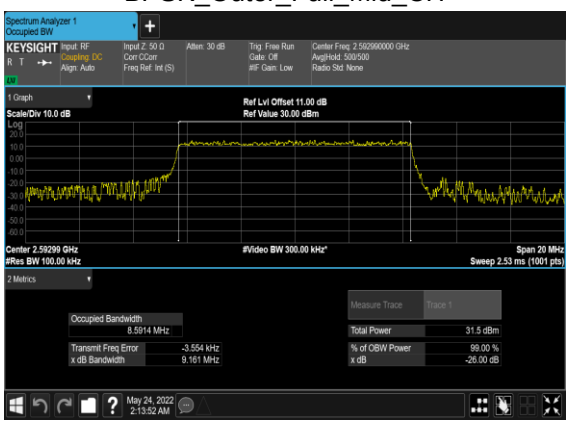
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
41	30	10	518598	2592.99	DFT-s-OFDM PI/2 BPSK	24@0	8.5914	9.161
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	24@0	8.577	9.215
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.5856	9.251
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.6085	9.649
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5629	9.285
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5873	9.235
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	36@0	12.836	13.58
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	36@0	12.803	13.59
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.564	14.27
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.577	14.41
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.556	14.39
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.563	14.37
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	17.812	18.58
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.792	18.72
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.223	19.24
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.197	19.08
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.187	19.19
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.225	19.05
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	75@0	26.779	28.16
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	75@0	26.696	28.19
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.83	29.16
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.866	29.31
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.788	29.83
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.776	29.63
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	100@0	35.776	37.27

41	30	40	518598	2592.99	DFT-s-OFDM QPSK	100@0	35.782	37.22
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.776	39.47
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.808	39.4
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.882	40.01
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.8	39.57
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	128@0	45.714	47.4
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	128@0	45.739	47.9
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.484	49.22
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.417	49.25
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.393	49.2
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.47	49.24
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	162@0	57.847	59.79
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	162@0	57.825	59.78
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.87	59.96
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.823	59.79
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.791	59.77
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.682	59.7
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	180@0	64.345	66.35
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	180@0	64.31	66.44
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.474	69.67
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.472	69.68
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.471	69.75
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.332	69.75
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	216@0	77.241	79.71
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	216@0	77.249	79.65
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.515	79.98
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.464	80.02

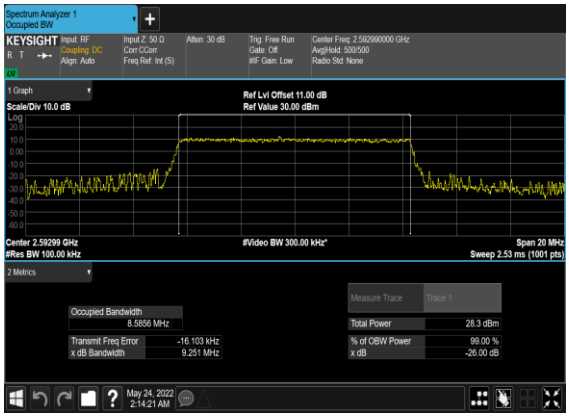
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.437	80.01
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.594	79.97
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	240@0	85.772	89.0
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	240@0	85.665	88.49
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.372	90.34
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.423	90.23
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.395	90.2
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.514	90.84
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	270@0	96.438	99.42
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	270@0	96.437	102.5
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.456	100.7
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.474	100.6
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.443	100.8
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.657	100.5

N41(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

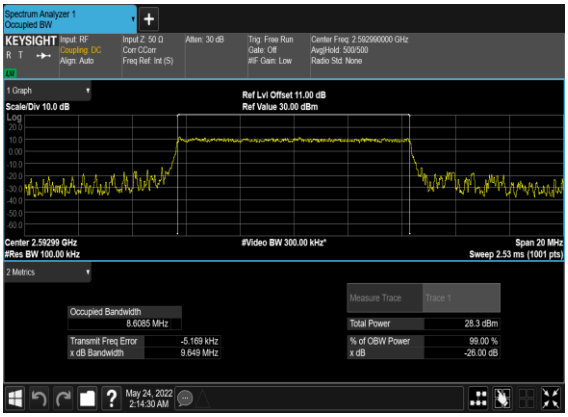


N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

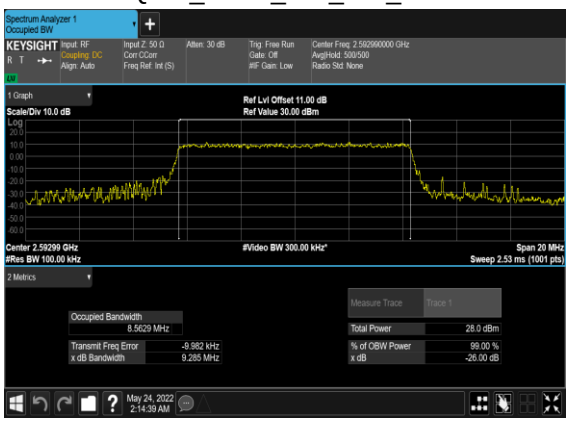
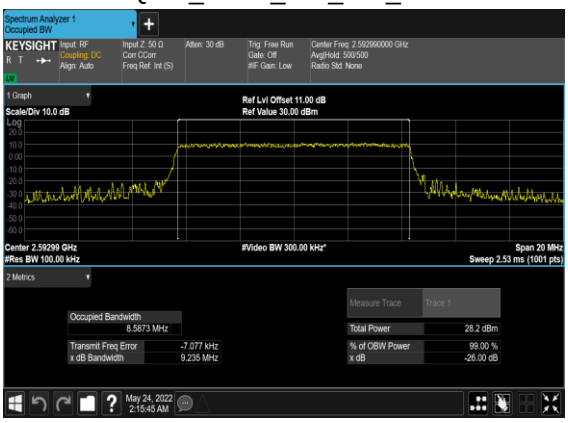
N41(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N41(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH