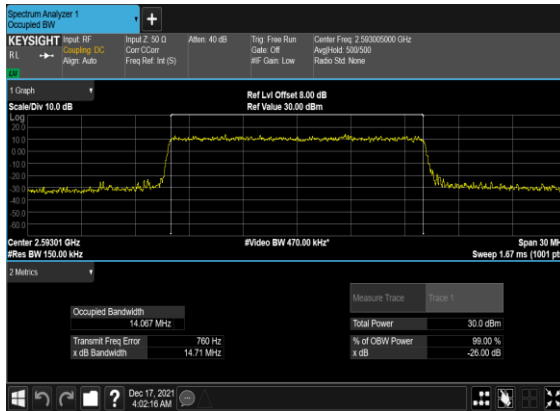
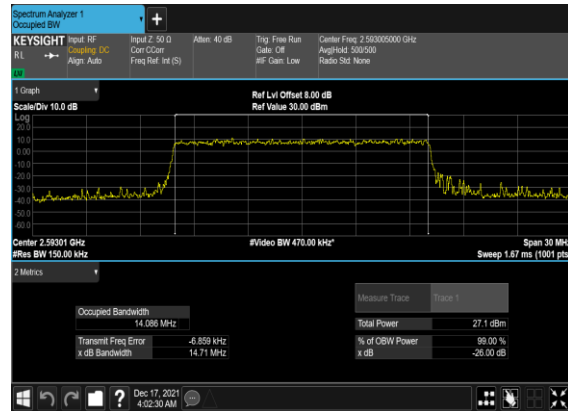


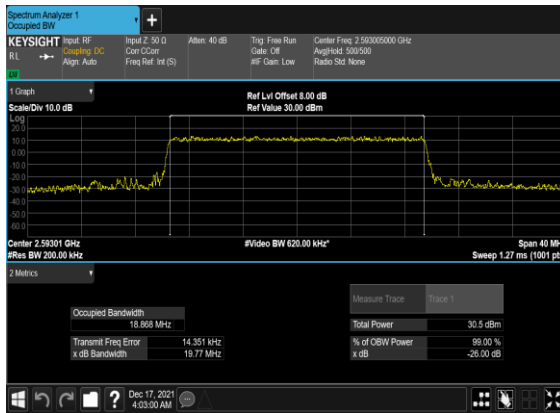
N41(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



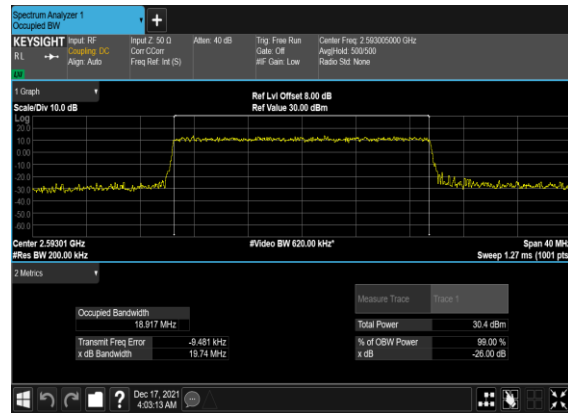
N41(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



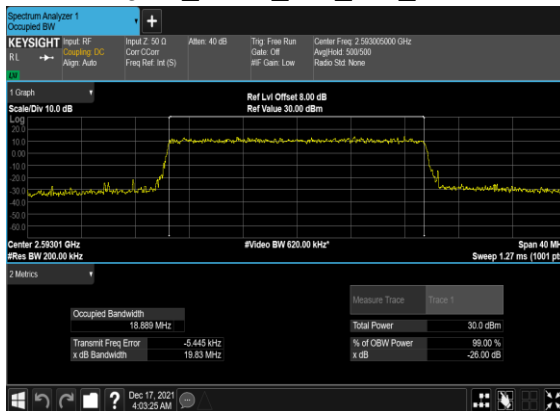
N41(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



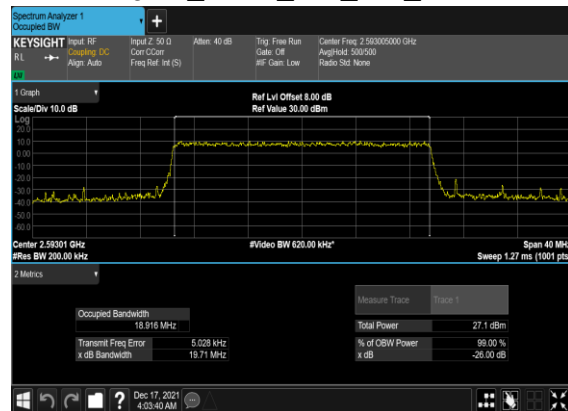
N41(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



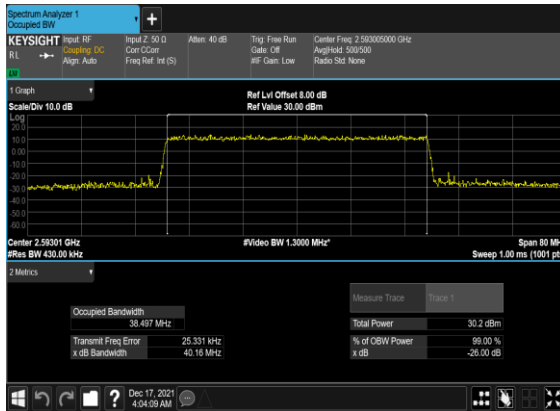
N41(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



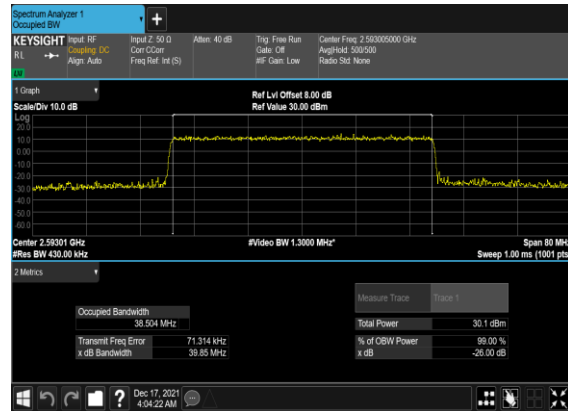
N41(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



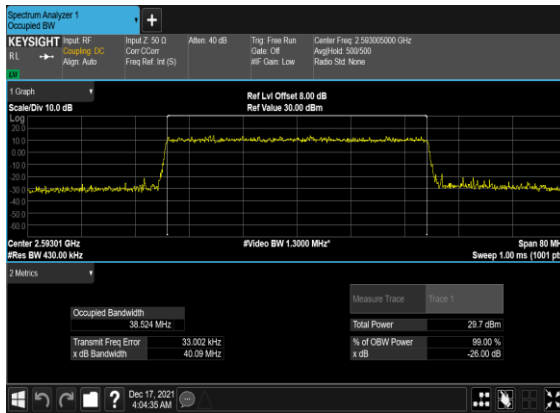
N41(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



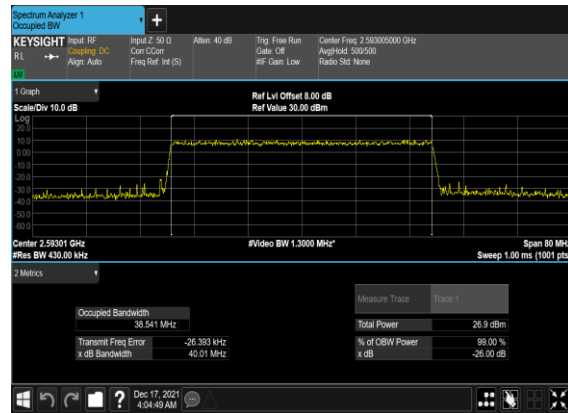
N41(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



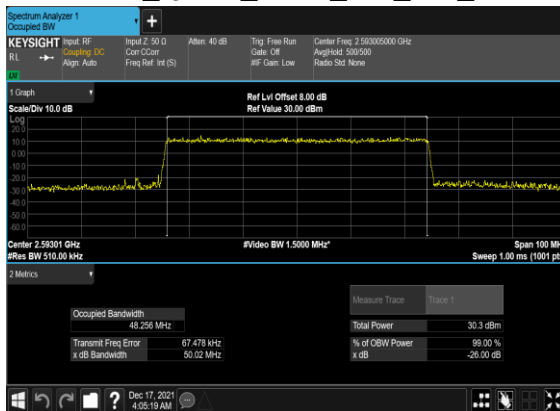
N41(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



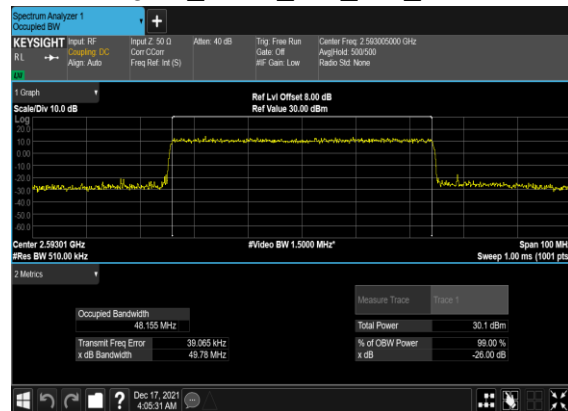
N41(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



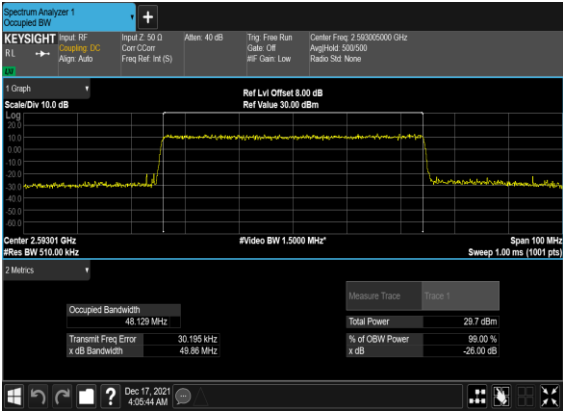
N41(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



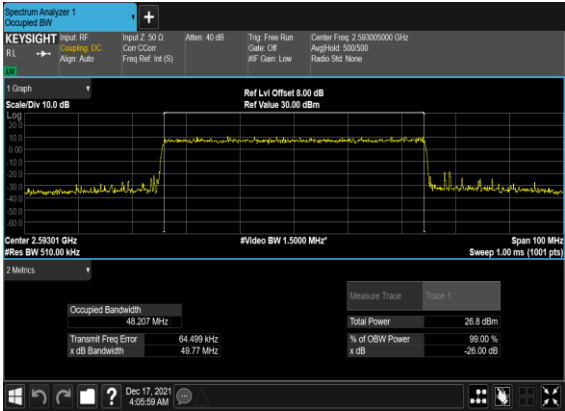
N41(50M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

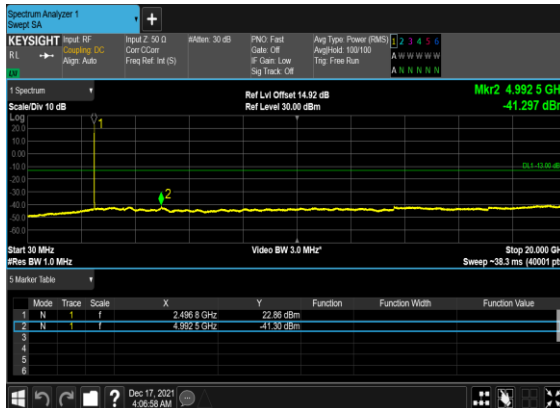


Conducted Spurious Emissions

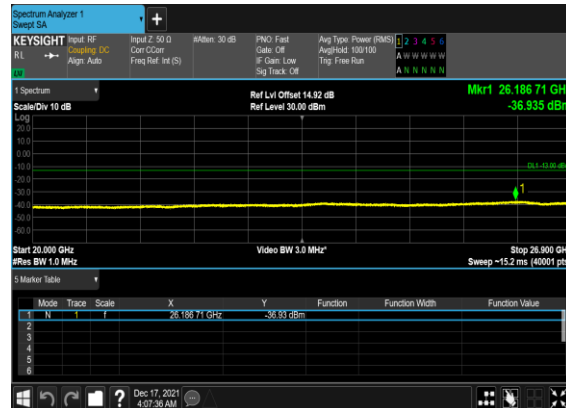
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	15	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	---
41	15	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	15	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	15	10	518601	2593.005	CP-OFDM QPSK	1@0	see graph	---
41	15	10	518601	2593.005	CP-OFDM QPSK	1@0	see graph	PASS
41	15	10	518601	2593.005	CP-OFDM QPSK	1@0	see graph	PASS
41	15	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	---
41	15	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	PASS
41	15	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	PASS
41	15	20	501201	2506.005	CP-OFDM QPSK	1@0	see graph	---
41	15	20	501201	2506.005	CP-OFDM QPSK	1@0	see graph	PASS
41	15	20	501201	2506.005	CP-OFDM QPSK	1@0	see graph	PASS
41	15	20	518601	2593.005	CP-OFDM QPSK	1@0	see graph	---
41	15	20	518601	2593.005	CP-OFDM QPSK	1@0	see graph	PASS
41	15	20	518601	2593.005	CP-OFDM QPSK	1@0	see graph	PASS
41	15	20	535998	2679.99	CP-OFDM QPSK	1@0	see graph	---
41	15	20	535998	2679.99	CP-OFDM QPSK	1@0	see graph	PASS
41	15	20	535998	2679.99	CP-OFDM QPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	CP-OFDM QPSK	1@0	see graph	---
41	15	50	504201	2521.005	CP-OFDM QPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	CP-OFDM QPSK	1@0	see graph	PASS
41	15	50	518601	2593.005	CP-OFDM QPSK	1@0	see graph	---

41	15	50	518601	2593.005	CP-OFDM QPSK	1@0	see graph	PASS
41	15	50	518601	2593.005	CP-OFDM QPSK	1@0	see graph	PASS
41	15	50	532998	2664.99	CP-OFDM QPSK	1@0	see graph	---
41	15	50	532998	2664.99	CP-OFDM QPSK	1@0	see graph	PASS
41	15	50	532998	2664.99	CP-OFDM QPSK	1@0	see graph	PASS

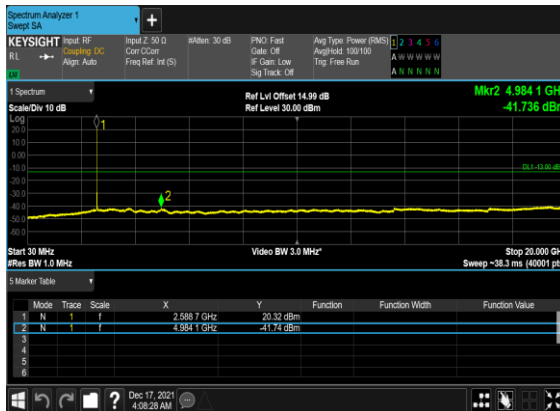
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



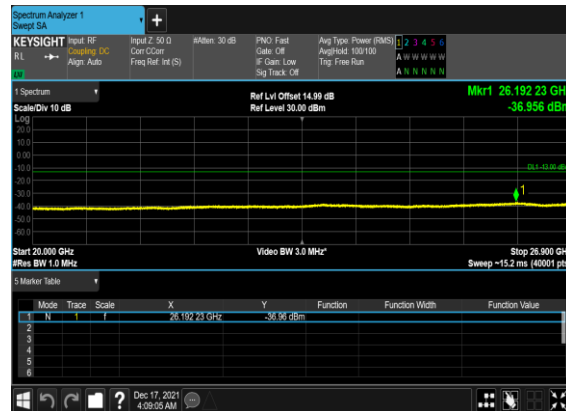
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



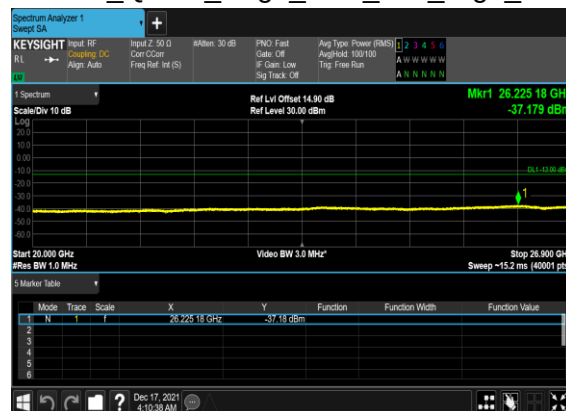
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



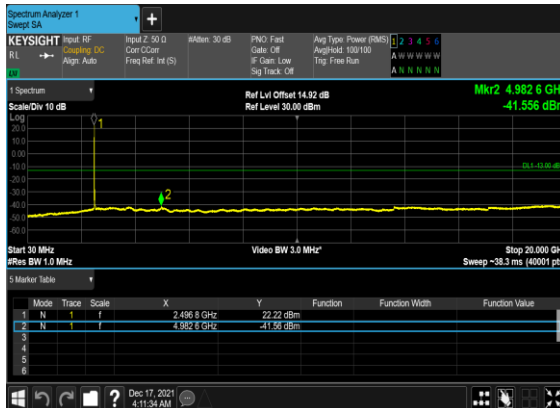
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



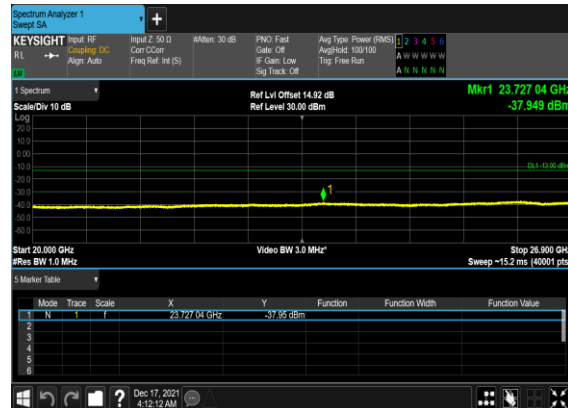
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



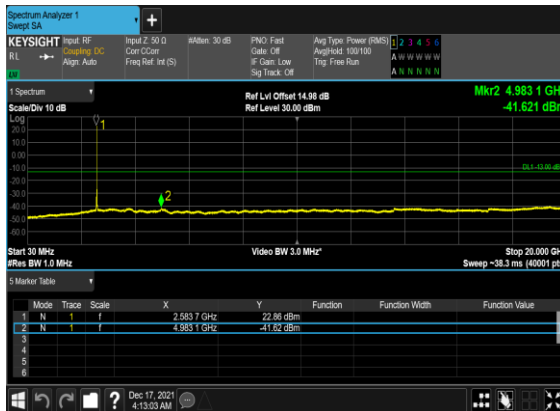
N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



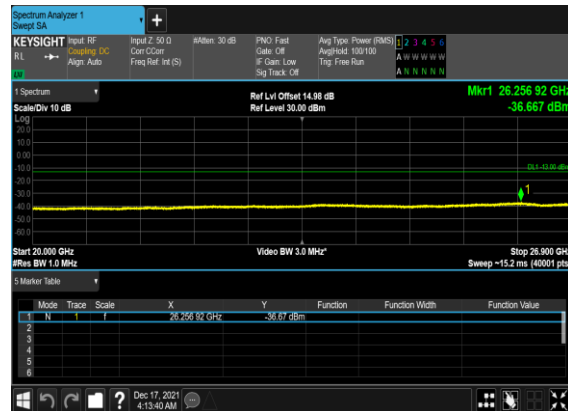
N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



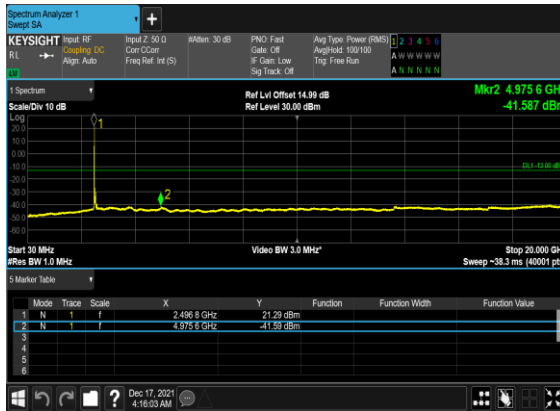
N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



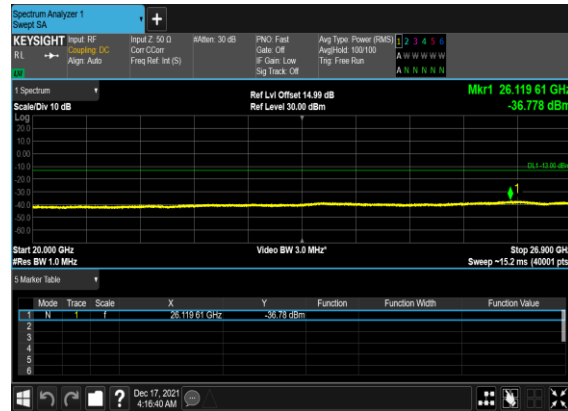
N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



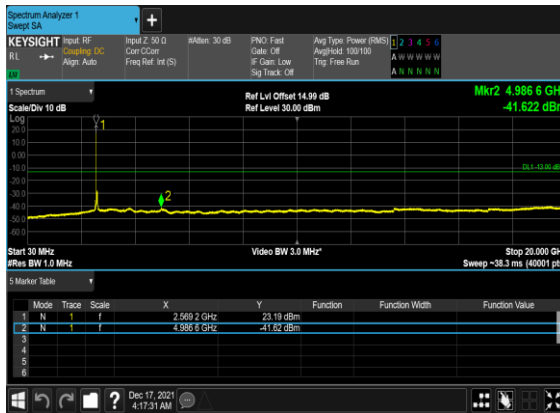
N41(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



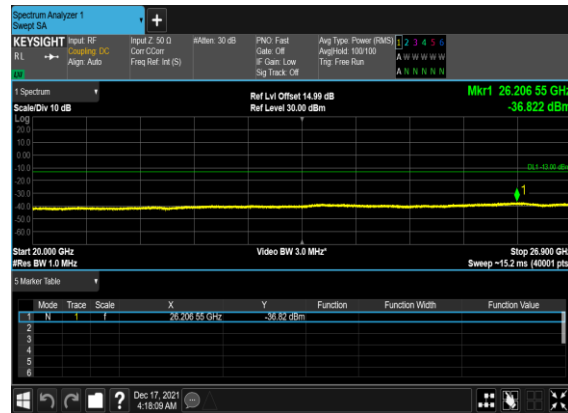
N41(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



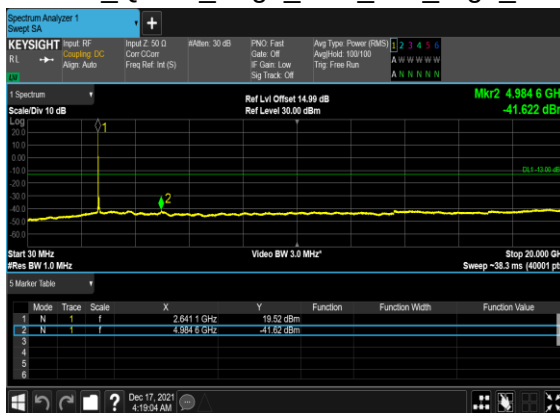
N41(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(50M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



N41(50M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



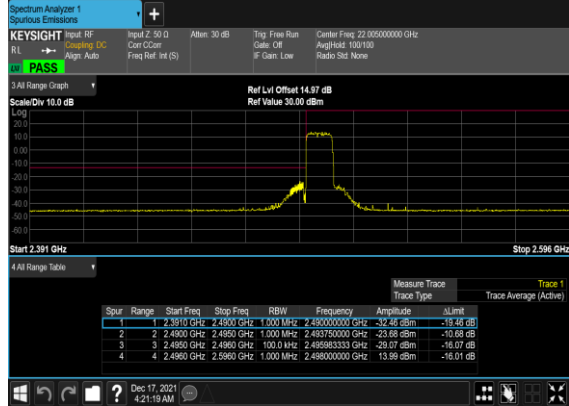
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	15	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	15	10	500202	2501.01	CP-OFDM QPSK	52@0	see graph	PASS
41	15	10	537000	2685.0	CP-OFDM QPSK	1@51	see graph	PASS
41	15	10	537000	2685.0	CP-OFDM QPSK	52@0	see graph	PASS
41	15	20	501201	2506.005	CP-OFDM QPSK	1@0	see graph	PASS
41	15	20	501201	2506.005	CP-OFDM QPSK	106@0	see graph	PASS
41	15	20	535998	2679.99	CP-OFDM QPSK	1@105	see graph	PASS
41	15	20	535998	2679.99	CP-OFDM QPSK	106@0	see graph	PASS
41	15	50	504201	2521.005	CP-OFDM QPSK	1@0	see graph	PASS
41	15	50	504201	2521.005	CP-OFDM QPSK	270@0	see graph	PASS
41	15	50	532998	2664.99	CP-OFDM QPSK	1@269	see graph	PASS
41	15	50	532998	2664.99	CP-OFDM QPSK	270@0	see graph	PASS

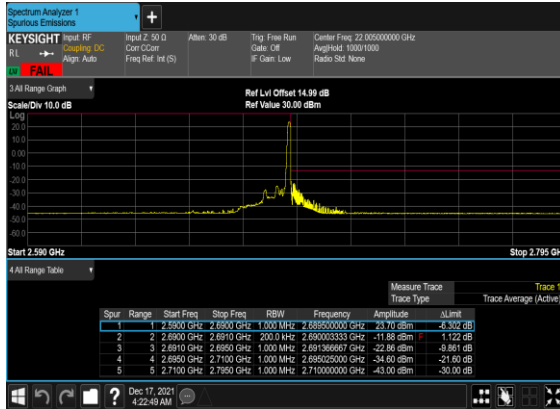
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(10M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



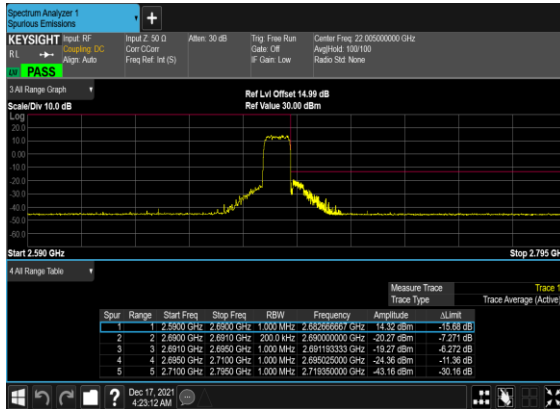
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



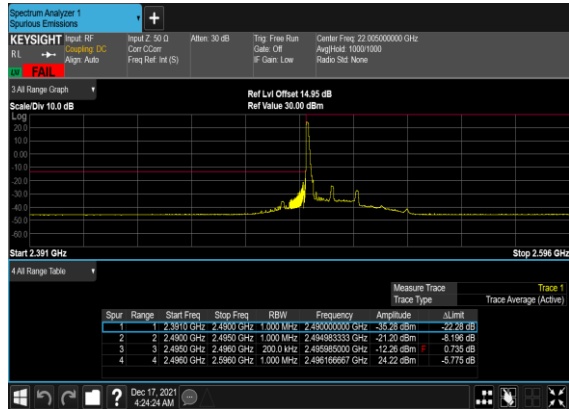
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH_chn
_PASS



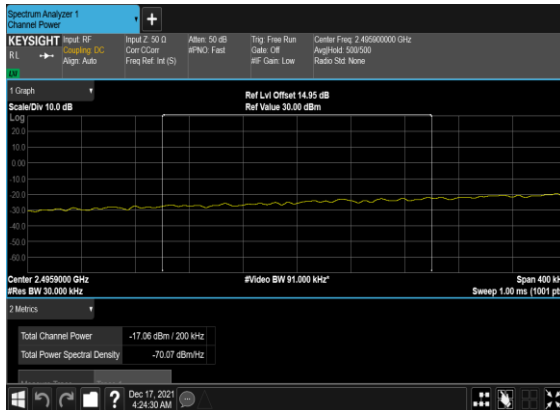
N41(10M)_CP-
OFDM_QPSK_Outer_Full_High_CH



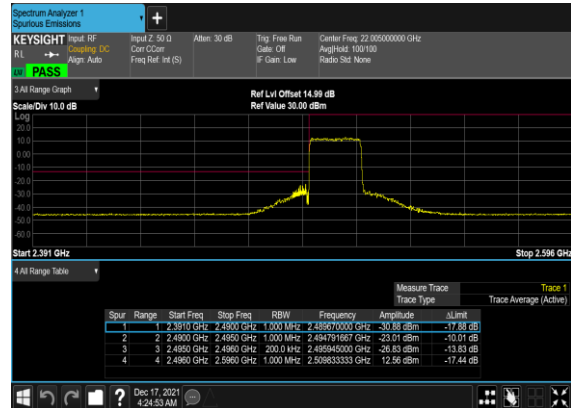
N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



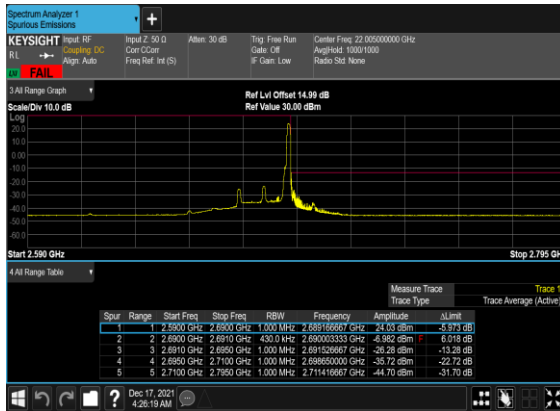
N41(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH_chp _PASS



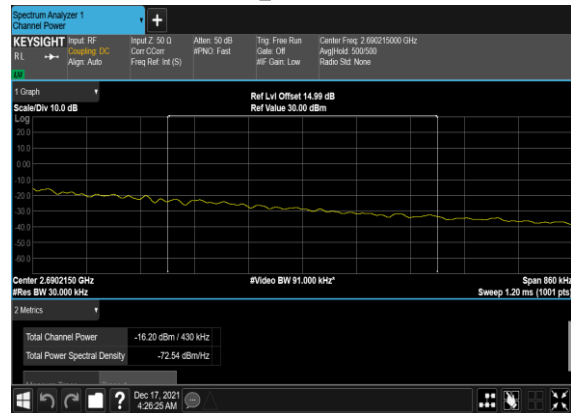
N41(20M)_CP- OFDM_QPSK_Outer_Full_Low_CH



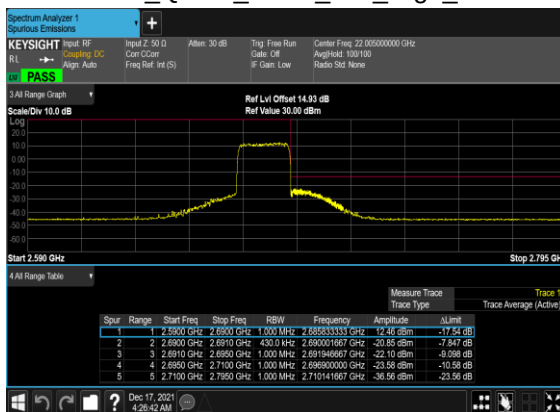
N41(20M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



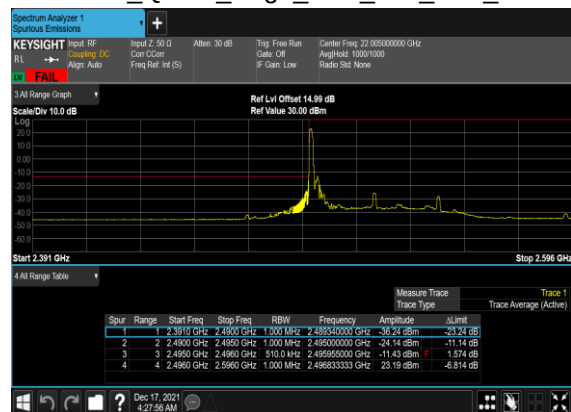
N41(20M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH_chp _PASS



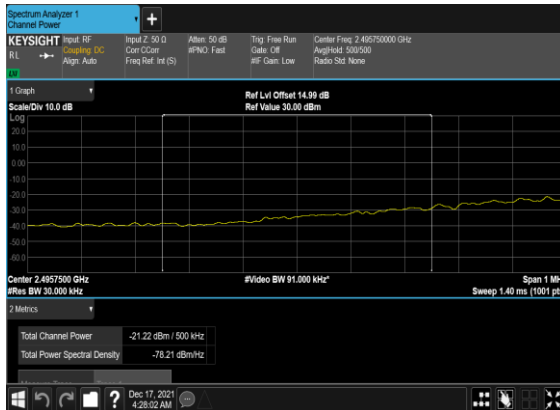
N41(20M)_CP- OFDM_QPSK_Outer_Full_High_CH



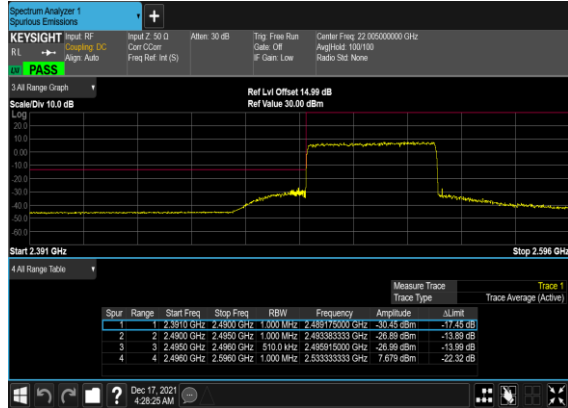
N41(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



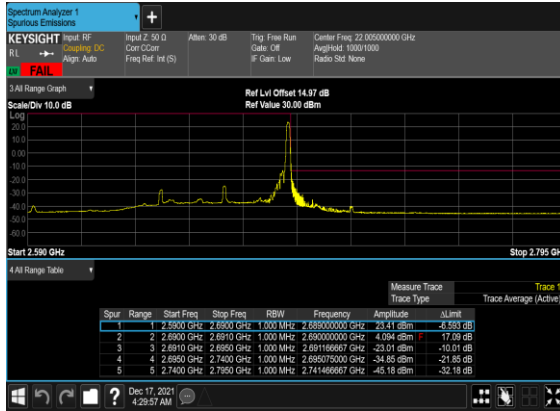
N41(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH_chp _PASS



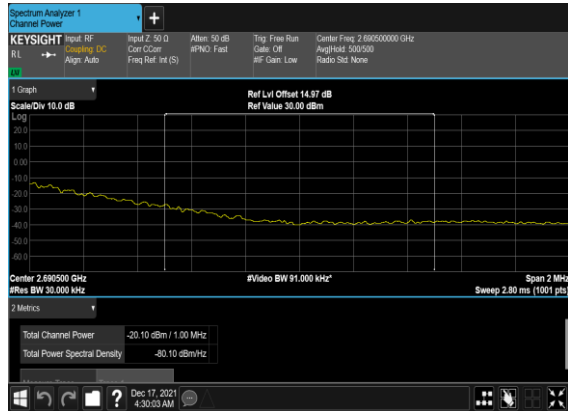
N41(50M)_CP- OFDM_QPSK_Outer_Full_Low_CH



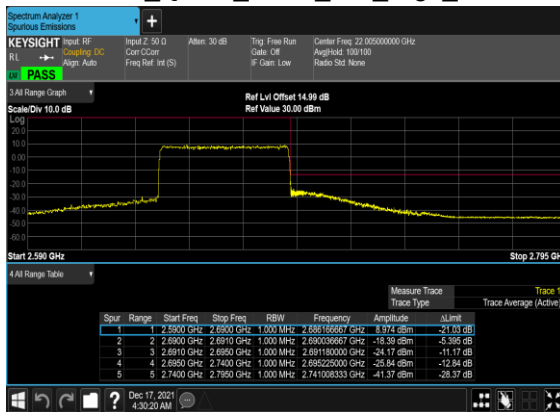
N41(50M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



N41(50M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH_chp _PASS



N41(50M)_CP- OFDM_QPSK_Outer_Full_High_CH



FR1 N41(MIMO ANT5+6) – SCS 30kHz

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)= 4.7dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT1 Power(dBm)	ANT2 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	10	500202	2501.01	CP-OFDM QPSK	12@6	21.78	22.09	24.95	29.65	0.9222
41	30	10	500202	2501.01	CP-OFDM QPSK	1@1	21.64	22	24.83	29.53	0.8983
41	30	10	500202	2501.01	CP-OFDM QPSK	1@22	21.64	21.99	24.83	29.53	0.8972
41	30	10	500202	2501.01	CP-OFDM 16 QAM	12@6	21.32	21.67	24.51	29.21	0.8335
41	30	10	500202	2501.01	CP-OFDM 16 QAM	1@1	21.3	21.55	24.44	29.14	0.8198
41	30	10	500202	2501.01	CP-OFDM 16 QAM	1@22	21.37	21.58	24.49	29.19	0.8292
41	30	10	500202	2501.01	CP-OFDM 64 QAM	12@6	19.95	20.3	23.14	27.84	0.6080
41	30	10	500202	2501.01	CP-OFDM 64 QAM	1@1	19.83	20.13	22.99	27.69	0.5879
41	30	10	500202	2501.01	CP-OFDM 64 QAM	1@22	19.85	20.14	23.01	27.71	0.5899
41	30	10	500202	2501.01	CP-OFDM 256 QAM	12@6	16.92	17.28	20.11	24.81	0.3030
41	30	10	500202	2501.01	CP-OFDM 256 QAM	1@1	16.77	17.08	19.94	24.64	0.2909
41	30	10	500202	2501.01	CP-OFDM 256 QAM	1@22	16.82	17.12	19.98	24.68	0.2940
41	30	10	518598	2592.99	CP-OFDM QPSK	12@6	21.82	22.1	24.97	29.67	0.9274
41	30	10	518598	2592.99	CP-OFDM QPSK	1@1	21.64	22.01	24.84	29.54	0.8993
41	30	10	518598	2592.99	CP-OFDM QPSK	1@22	21.66	22.1	24.90	29.60	0.9111
41	30	10	518598	2592.99	CP-OFDM 16 QAM	12@6	21.26	21.63	24.46	29.16	0.8240
41	30	10	518598	2592.99	CP-OFDM 16 QAM	1@1	21.37	21.55	24.47	29.17	0.8263
41	30	10	518598	2592.99	CP-OFDM 16 QAM	1@22	21.4	21.82	24.63	29.33	0.8561
41	30	10	518598	2592.99	CP-OFDM 64 QAM	12@6	19.98	20.24	23.12	27.82	0.6057
41	30	10	518598	2592.99	CP-OFDM 64 QAM	1@1	19.76	20.12	22.95	27.65	0.5826
41	30	10	518598	2592.99	CP-OFDM 64 QAM	1@22	19.82	20.17	23.01	27.71	0.5900
41	30	10	518598	2592.99	CP-OFDM 256 QAM	12@6	16.92	17.19	20.07	24.77	0.2997
41	30	10	518598	2592.99	CP-OFDM 256 QAM	1@1	16.92	17.06	20.00	24.70	0.2952
41	30	10	518598	2592.99	CP-OFDM 256 QAM	1@22	16.93	17.13	20.04	24.74	0.2980
41	30	10	537000	2685	CP-OFDM QPSK	12@6	21.87	22.1	25.00	29.70	0.9326
41	30	10	537000	2685	CP-OFDM QPSK	1@1	21.78	22.09	24.95	29.65	0.9222
41	30	10	537000	2685	CP-OFDM QPSK	1@22	21.83	22.03	24.94	29.64	0.9208
41	30	10	537000	2685	CP-OFDM 16 QAM	12@6	21.33	21.58	24.47	29.17	0.8255

41	30	10	537000	2685	CP-OFDM 16 QAM	1@1	21.53	21.59	24.57	29.27	0.8454
41	30	10	537000	2685	CP-OFDM 16 QAM	1@22	21.52	21.6	24.57	29.27	0.8454
41	30	10	537000	2685	CP-OFDM 64 QAM	12@6	19.93	19.98	22.97	27.67	0.5842
41	30	10	537000	2685	CP-OFDM 64 QAM	1@1	20.01	19.96	23.00	27.70	0.5882
41	30	10	537000	2685	CP-OFDM 64 QAM	1@22	19.93	20.01	22.98	27.68	0.5862
41	30	10	537000	2685	CP-OFDM 256 QAM	12@6	16.99	17.2	20.11	24.81	0.3025
41	30	10	537000	2685	CP-OFDM 256 QAM	1@1	16.91	17.07	20.00	24.70	0.2952
41	30	10	537000	2685	CP-OFDM 256 QAM	1@22	16.99	17.03	20.02	24.72	0.2965
41	30	15	500700	2503.5	CP-OFDM QPSK	19@9	21.85	22.11	24.99	29.69	0.9316
41	30	15	500700	2503.5	CP-OFDM QPSK	1@1	21.65	21.99	24.83	29.53	0.8982
41	30	15	500700	2503.5	CP-OFDM QPSK	1@36	21.75	22.06	24.92	29.62	0.9158
41	30	15	500700	2503.5	CP-OFDM 16 QAM	19@9	21.32	21.64	24.49	29.19	0.8305
41	30	15	500700	2503.5	CP-OFDM 16 QAM	1@1	21.39	21.6	24.51	29.21	0.8330
41	30	15	500700	2503.5	CP-OFDM 16 QAM	1@36	21.49	21.68	24.60	29.30	0.8504
41	30	15	500700	2503.5	CP-OFDM 64 QAM	19@9	19.97	20.24	23.12	27.82	0.6050
41	30	15	500700	2503.5	CP-OFDM 64 QAM	1@1	19.8	20.11	22.97	27.67	0.5845
41	30	15	500700	2503.5	CP-OFDM 64 QAM	1@36	19.95	20.21	23.09	27.79	0.6015
41	30	15	500700	2503.5	CP-OFDM 256 QAM	19@9	16.98	17.21	20.11	24.81	0.3025
41	30	15	500700	2503.5	CP-OFDM 256 QAM	1@1	17.01	16.82	19.93	24.63	0.2902
41	30	15	500700	2503.5	CP-OFDM 256 QAM	1@36	17.21	16.9	20.07	24.77	0.2998
41	30	15	518598	2592.99	CP-OFDM QPSK	19@9	21.85	22.12	25.00	29.70	0.9327
41	30	15	518598	2592.99	CP-OFDM QPSK	1@1	21.66	22.01	24.85	29.55	0.9013
41	30	15	518598	2592.99	CP-OFDM QPSK	1@36	21.77	22.08	24.94	29.64	0.9200
41	30	15	518598	2592.99	CP-OFDM 16 QAM	19@9	21.29	21.66	24.49	29.19	0.8297
41	30	15	518598	2592.99	CP-OFDM 16 QAM	1@1	21.32	21.55	24.45	29.15	0.8216
41	30	15	518598	2592.99	CP-OFDM 16 QAM	1@36	21.51	21.67	24.60	29.30	0.8513
41	30	15	518598	2592.99	CP-OFDM 64 QAM	19@9	19.99	20.24	23.13	27.83	0.6063
41	30	15	518598	2592.99	CP-OFDM 64 QAM	1@1	20.02	20.07	23.06	27.76	0.5964
41	30	15	518598	2592.99	CP-OFDM 64 QAM	1@36	19.91	20.19	23.06	27.76	0.5974
41	30	15	518598	2592.99	CP-OFDM 256 QAM	19@9	16.99	17.16	20.09	24.79	0.3010
41	30	15	518598	2592.99	CP-OFDM 256 QAM	1@1	17.08	16.73	19.92	24.62	0.2897
41	30	15	518598	2592.99	CP-OFDM 256 QAM	1@36	17.21	16.88	20.06	24.76	0.2991
41	30	15	536496	2682.48	CP-OFDM QPSK	19@9	21.96	22.35	25.17	29.87	0.9704
41	30	15	536496	2682.48	CP-OFDM QPSK	1@1	21.92	22.29	25.12	29.82	0.9592

41	30	15	536496	2682.48	CP-OFDM QPSK	1@36	21.89	22.32	25.12	29.82	0.9595
41	30	15	536496	2682.48	CP-OFDM 16 QAM	19@9	21.48	21.88	24.69	29.39	0.8699
41	30	15	536496	2682.48	CP-OFDM 16 QAM	1@1	21.52	21.88	24.71	29.41	0.8738
41	30	15	536496	2682.48	CP-OFDM 16 QAM	1@36	21.51	21.94	24.74	29.44	0.8791
41	30	15	536496	2682.48	CP-OFDM 64 QAM	19@9	20.15	20.39	23.28	27.98	0.6283
41	30	15	536496	2682.48	CP-OFDM 64 QAM	1@1	20	20.2	23.11	27.81	0.6042
41	30	15	536496	2682.48	CP-OFDM 64 QAM	1@36	19.96	20.28	23.13	27.83	0.6072
41	30	15	536496	2682.48	CP-OFDM 256 QAM	19@9	17.2	17.48	20.35	25.05	0.3201
41	30	15	536496	2682.48	CP-OFDM 256 QAM	1@1	17.03	17.31	20.18	24.88	0.3078
41	30	15	536496	2682.48	CP-OFDM 256 QAM	1@36	16.95	17.37	20.18	24.88	0.3073
41	30	20	501204	2506.02	CP-OFDM QPSK	25@12	21.79	22.12	24.97	29.67	0.9265
41	30	20	501204	2506.02	CP-OFDM QPSK	1@1	21.58	21.94	24.77	29.47	0.8859
41	30	20	501204	2506.02	CP-OFDM QPSK	1@49	21.86	21.96	24.92	29.62	0.9163
41	30	20	501204	2506.02	CP-OFDM 16 QAM	25@12	21.37	21.66	24.53	29.23	0.8371
41	30	20	501204	2506.02	CP-OFDM 16 QAM	1@1	21.39	21.55	24.48	29.18	0.8281
41	30	20	501204	2506.02	CP-OFDM 16 QAM	1@49	21.56	21.55	24.57	29.27	0.8444
41	30	20	501204	2506.02	CP-OFDM 64 QAM	25@12	20	20.23	23.13	27.83	0.6063
41	30	20	501204	2506.02	CP-OFDM 64 QAM	1@1	19.79	20.11	22.96	27.66	0.5839
41	30	20	501204	2506.02	CP-OFDM 64 QAM	1@49	19.99	20.01	23.01	27.71	0.5902
41	30	20	501204	2506.02	CP-OFDM 256 QAM	25@12	17.02	17.28	20.16	24.86	0.3064
41	30	20	501204	2506.02	CP-OFDM 256 QAM	1@1	17.03	16.72	19.89	24.59	0.2876
41	30	20	501204	2506.02	CP-OFDM 256 QAM	1@49	17.22	16.73	19.99	24.69	0.2946
41	30	20	518598	2592.99	CP-OFDM QPSK	25@12	21.8	22.08	24.95	29.65	0.9231
41	30	20	518598	2592.99	CP-OFDM QPSK	1@1	21.64	21.98	24.82	29.52	0.8961
41	30	20	518598	2592.99	CP-OFDM QPSK	1@49	21.84	21.95	24.91	29.61	0.9132
41	30	20	518598	2592.99	CP-OFDM 16 QAM	25@12	21.38	21.59	24.50	29.20	0.8311
41	30	20	518598	2592.99	CP-OFDM 16 QAM	1@1	21.38	21.56	24.48	29.18	0.8282
41	30	20	518598	2592.99	CP-OFDM 16 QAM	1@49	21.52	21.48	24.51	29.21	0.8337
41	30	20	518598	2592.99	CP-OFDM 64 QAM	25@12	19.98	20.27	23.14	27.84	0.6078
41	30	20	518598	2592.99	CP-OFDM 64 QAM	1@1	19.74	20.07	22.92	27.62	0.5779
41	30	20	518598	2592.99	CP-OFDM 64 QAM	1@49	19.97	20.02	23.01	27.71	0.5896
41	30	20	518598	2592.99	CP-OFDM 256 QAM	25@12	17.02	17.22	20.13	24.83	0.3042
41	30	20	518598	2592.99	CP-OFDM 256 QAM	1@1	16.94	17.1	20.03	24.73	0.2972
41	30	20	518598	2592.99	CP-OFDM 256 QAM	1@49	17.06	17.05	20.07	24.77	0.2996

41	30	20	535998	2679.99	CP-OFDM QPSK	25@12	21.87	22.14	25.02	29.72	0.9370
41	30	20	535998	2679.99	CP-OFDM QPSK	1@1	21.8	22.09	24.96	29.66	0.9242
41	30	20	535998	2679.99	CP-OFDM QPSK	1@49	21.94	22.11	25.04	29.74	0.9411
41	30	20	535998	2679.99	CP-OFDM 16 QAM	25@12	21.41	21.62	24.53	29.23	0.8369
41	30	20	535998	2679.99	CP-OFDM 16 QAM	1@1	21.51	21.62	24.58	29.28	0.8464
41	30	20	535998	2679.99	CP-OFDM 16 QAM	1@49	21.62	21.62	24.63	29.33	0.8571
41	30	20	535998	2679.99	CP-OFDM 64 QAM	25@12	20.13	20.43	23.29	27.99	0.6299
41	30	20	535998	2679.99	CP-OFDM 64 QAM	1@1	19.93	20.16	23.06	27.76	0.5966
41	30	20	535998	2679.99	CP-OFDM 64 QAM	1@49	19.92	20.15	23.05	27.75	0.5952
41	30	20	535998	2679.99	CP-OFDM 256 QAM	25@12	17.14	17.55	20.36	25.06	0.3206
41	30	20	535998	2679.99	CP-OFDM 256 QAM	1@1	16.92	17.23	20.09	24.79	0.3012
41	30	20	535998	2679.99	CP-OFDM 256 QAM	1@49	16.94	17.25	20.11	24.81	0.3026
41	30	40	503202	2516.01	CP-OFDM QPSK	53@26	22.02	22.44	25.25	29.95	0.9875
41	30	40	503202	2516.01	CP-OFDM QPSK	1@1	21.83	22.17	25.01	29.71	0.9362
41	30	40	503202	2516.01	CP-OFDM QPSK	1@104	21.83	22.23	25.04	29.74	0.9430
41	30	40	503202	2516.01	CP-OFDM 16 QAM	53@26	21.64	21.98	24.82	29.52	0.8961
41	30	40	503202	2516.01	CP-OFDM 16 QAM	1@1	21.51	21.76	24.65	29.35	0.8604
41	30	40	503202	2516.01	CP-OFDM 16 QAM	1@104	21.37	21.82	24.61	29.31	0.8533
41	30	40	503202	2516.01	CP-OFDM 64 QAM	53@26	19.91	20.28	23.11	27.81	0.6038
41	30	40	503202	2516.01	CP-OFDM 64 QAM	1@1	19.57	19.76	22.68	27.38	0.5466
41	30	40	503202	2516.01	CP-OFDM 64 QAM	1@104	19.72	19.92	22.83	27.53	0.5664
41	30	40	503202	2516.01	CP-OFDM 256 QAM	53@26	17.13	17.16	20.16	24.86	0.3059
41	30	40	503202	2516.01	CP-OFDM 256 QAM	1@1	16.47	16.72	19.61	24.31	0.2696
41	30	40	503202	2516.01	CP-OFDM 256 QAM	1@104	16.86	16.76	19.82	24.52	0.2832
41	30	40	518598	2592.99	CP-OFDM QPSK	53@26	21.93	22.13	25.04	29.74	0.9422
41	30	40	518598	2592.99	CP-OFDM QPSK	1@1	21.42	21.79	24.62	29.32	0.8549
41	30	40	518598	2592.99	CP-OFDM QPSK	1@104	21.76	21.81	24.80	29.50	0.8903
41	30	40	518598	2592.99	CP-OFDM 16 QAM	53@26	21.55	21.55	24.56	29.26	0.8434
41	30	40	518598	2592.99	CP-OFDM 16 QAM	1@1	21.17	21.34	24.27	28.97	0.7882
41	30	40	518598	2592.99	CP-OFDM 16 QAM	1@104	21.46	21.38	24.43	29.13	0.8186
41	30	40	518598	2592.99	CP-OFDM 64 QAM	53@26	20.09	20.06	23.09	27.79	0.6005
41	30	40	518598	2592.99	CP-OFDM 64 QAM	1@1	19.63	19.76	22.71	27.41	0.5503
41	30	40	518598	2592.99	CP-OFDM 64 QAM	1@104	19.96	19.78	22.88	27.58	0.5730
41	30	40	518598	2592.99	CP-OFDM 256 QAM	53@26	17.09	17.18	20.15	24.85	0.3052

41	30	40	518598	2592.99	CP-OFDM 256 QAM	1@1	16.6	16.92	19.77	24.47	0.2801
41	30	40	518598	2592.99	CP-OFDM 256 QAM	1@104	17.17	16.66	19.93	24.63	0.2906
41	30	40	534000	2670	CP-OFDM QPSK	53@26	21.95	22.11	25.04	29.74	0.9421
41	30	40	534000	2670	CP-OFDM QPSK	1@1	21.44	21.76	24.61	29.31	0.8537
41	30	40	534000	2670	CP-OFDM QPSK	1@104	20.11	20.38	23.26	27.96	0.6248
41	30	40	534000	2670	CP-OFDM 16 QAM	53@26	21.53	21.54	24.55	29.25	0.8405
41	30	40	534000	2670	CP-OFDM 16 QAM	1@1	21.23	21.36	24.31	29.01	0.7954
41	30	40	534000	2670	CP-OFDM 16 QAM	1@104	21.49	21.4	24.46	29.16	0.8233
41	30	40	534000	2670	CP-OFDM 64 QAM	53@26	20.11	20.06	23.10	27.80	0.6019
41	30	40	534000	2670	CP-OFDM 64 QAM	1@1	19.63	19.75	22.70	27.40	0.5496
41	30	40	534000	2670	CP-OFDM 64 QAM	1@104	19.89	19.78	22.85	27.55	0.5683
41	30	40	534000	2670	CP-OFDM 256 QAM	53@26	17.07	17.2	20.15	24.85	0.3052
41	30	40	534000	2670	CP-OFDM 256 QAM	1@1	16.68	16.98	19.84	24.54	0.2846
41	30	40	534000	2670	CP-OFDM 256 QAM	1@104	17.19	16.99	20.10	24.80	0.3021
41	30	50	504204	2521.02	CP-OFDM QPSK	67@33	20.64	20.96	23.81	28.51	0.7101
41	30	50	504204	2521.02	CP-OFDM QPSK	1@1	21.51	21.93	24.74	29.44	0.8781
41	30	50	504204	2521.02	CP-OFDM QPSK	1@131	21.48	21.95	24.73	29.43	0.8773
41	30	50	504204	2521.02	CP-OFDM 16 QAM	67@33	20.67	20.93	23.81	28.51	0.7099
41	30	50	504204	2521.02	CP-OFDM 16 QAM	1@1	21.19	21.46	24.34	29.04	0.8012
41	30	50	504204	2521.02	CP-OFDM 16 QAM	1@131	21.23	21.47	24.36	29.06	0.8057
41	30	50	504204	2521.02	CP-OFDM 64 QAM	67@33	20.17	20.49	23.34	28.04	0.6373
41	30	50	504204	2521.02	CP-OFDM 64 QAM	1@1	19.86	19.87	22.88	27.58	0.5722
41	30	50	504204	2521.02	CP-OFDM 64 QAM	1@131	19.62	19.86	22.75	27.45	0.5562
41	30	50	504204	2521.02	CP-OFDM 256 QAM	67@33	17.14	17.54	20.35	25.05	0.3203
41	30	50	504204	2521.02	CP-OFDM 256 QAM	1@1	16.68	16.98	19.84	24.54	0.2846
41	30	50	504204	2521.02	CP-OFDM 256 QAM	1@131	16.69	16.98	19.85	24.55	0.2850
41	30	50	518598	2521.02	CP-OFDM QPSK	67@33	20.63	20.96	23.81	28.51	0.7093
41	30	50	518598	2521.02	CP-OFDM QPSK	1@1	21.52	21.91	24.73	29.43	0.8769
41	30	50	518598	2521.02	CP-OFDM QPSK	1@131	21.5	21.95	24.74	29.44	0.8793
41	30	50	518598	2592.99	CP-OFDM 16 QAM	67@33	21.52	21.63	24.59	29.29	0.8483
41	30	50	518598	2592.99	CP-OFDM 16 QAM	1@1	21.34	21.59	24.48	29.18	0.8274
41	30	50	518598	2592.99	CP-OFDM 16 QAM	1@131	21.61	21.76	24.70	29.40	0.8702
41	30	50	518598	2592.99	CP-OFDM 64 QAM	67@33	20.16	20.21	23.20	27.90	0.6159
41	30	50	518598	2592.99	CP-OFDM 64 QAM	1@1	19.72	19.99	22.87	27.57	0.5711

41	30	50	518598	2592.99	CP-OFDM 64 QAM	1@131	20.04	20.22	23.14	27.84	0.6083
41	30	50	518598	2592.99	CP-OFDM 256 QAM	67@33	17.13	17.32	20.24	24.94	0.3116
41	30	50	518598	2592.99	CP-OFDM 256 QAM	1@1	16.83	17.17	20.01	24.71	0.2960
41	30	50	518598	2592.99	CP-OFDM 256 QAM	1@131	17.25	17.34	20.31	25.01	0.3166
41	30	50	532998	2664.99	CP-OFDM QPSK	67@33	22.12	22.47	25.31	30.01	1.0020
41	30	50	532998	2664.99	CP-OFDM QPSK	1@1	21.74	22.14	24.95	29.65	0.9236
41	30	50	532998	2664.99	CP-OFDM QPSK	1@131	22.01	22.39	25.21	29.91	0.9805
41	30	50	532998	2664.99	CP-OFDM 16 QAM	67@33	21.67	22.01	24.85	29.55	0.9023
41	30	50	532998	2664.99	CP-OFDM 16 QAM	1@1	21.42	21.91	24.68	29.38	0.8674
41	30	50	532998	2664.99	CP-OFDM 16 QAM	1@131	21.52	22.16	24.86	29.56	0.9041
41	30	50	532998	2664.99	CP-OFDM 64 QAM	67@33	20.25	20.56	23.42	28.12	0.6483
41	30	50	532998	2664.99	CP-OFDM 64 QAM	1@1	19.88	20.08	22.99	27.69	0.5877
41	30	50	532998	2664.99	CP-OFDM 64 QAM	1@131	20.12	20.34	23.24	27.94	0.6225
41	30	50	532998	2664.99	CP-OFDM 256 QAM	67@33	17.21	17.67	20.46	25.16	0.3278
41	30	50	532998	2664.99	CP-OFDM 256 QAM	1@1	16.95	17.29	20.13	24.83	0.3043
41	30	50	532998	2664.99	CP-OFDM 256 QAM	1@131	17.23	17.56	20.41	25.11	0.3242
41	30	60	505200	2526	CP-OFDM QPSK	81@40	21.97	22.06	25.03	29.73	0.9388
41	30	60	505200	2526	CP-OFDM QPSK	1@1	21.18	21.62	24.42	29.12	0.8158
41	30	60	505200	2526	CP-OFDM QPSK	1@160	21.58	21.88	24.74	29.44	0.8796
41	30	60	505200	2526	CP-OFDM 16 QAM	81@40	21.47	21.57	24.53	29.23	0.8376
41	30	60	505200	2526	CP-OFDM 16 QAM	1@1	20.9	21.28	24.10	28.80	0.7594
41	30	60	505200	2526	CP-OFDM 16 QAM	1@160	21.32	21.57	24.46	29.16	0.8236
41	30	60	505200	2526	CP-OFDM 64 QAM	81@40	20.1	20.11	23.12	27.82	0.6047
41	30	60	505200	2526	CP-OFDM 64 QAM	1@1	19.26	19.79	22.54	27.24	0.5301
41	30	60	505200	2526	CP-OFDM 64 QAM	1@160	19.7	19.8	22.76	27.46	0.5573
41	30	60	505200	2526	CP-OFDM 256 QAM	81@40	17.13	17.12	20.14	24.84	0.3045
41	30	60	505200	2526	CP-OFDM 256 QAM	1@1	16.65	16.61	19.64	24.34	0.2717
41	30	60	505200	2526	CP-OFDM 256 QAM	1@160	16.83	17	19.93	24.63	0.2901
41	30	60	518598	2592.99	CP-OFDM QPSK	81@40	22	22.04	25.03	29.73	0.9398
41	30	60	518598	2592.99	CP-OFDM QPSK	1@1	21.18	21.64	24.43	29.13	0.8178
41	30	60	518598	2592.99	CP-OFDM QPSK	1@160	21.57	21.88	24.74	29.44	0.8786
41	30	60	518598	2592.99	CP-OFDM 16 QAM	81@40	21.42	21.66	24.55	29.25	0.8418
41	30	60	518598	2592.99	CP-OFDM 16 QAM	1@1	20.99	21.37	24.19	28.89	0.7753
41	30	60	518598	2592.99	CP-OFDM 16 QAM	1@160	21.4	21.75	24.59	29.29	0.8490

41	30	60	518598	2592.99	CP-OFDM 64 QAM	81@40	20.04	20.19	23.13	27.83	0.6062
41	30	60	518598	2592.99	CP-OFDM 64 QAM	1@1	19.47	19.69	22.59	27.29	0.5360
41	30	60	518598	2592.99	CP-OFDM 64 QAM	1@160	19.94	20.08	23.02	27.72	0.5917
41	30	60	518598	2592.99	CP-OFDM 256 QAM	81@40	17.04	17.3	20.18	24.88	0.3078
41	30	60	518598	2592.99	CP-OFDM 256 QAM	1@1	16.55	16.85	19.71	24.41	0.2762
41	30	60	518598	2592.99	CP-OFDM 256 QAM	1@160	17	17.22	20.12	24.82	0.3035
41	30	60	531996	2659.98	CP-OFDM QPSK	81@40	21.93	22.12	25.04	29.74	0.9411
41	30	60	531996	2659.98	CP-OFDM QPSK	1@1	21.3	21.71	24.52	29.22	0.8356
41	30	60	531996	2659.98	CP-OFDM QPSK	1@160	21.75	22.11	24.94	29.64	0.9213
41	30	60	531996	2659.98	CP-OFDM 16 QAM	81@40	21.42	21.7	24.57	29.27	0.8458
41	30	60	531996	2659.98	CP-OFDM 16 QAM	1@1	21.03	21.37	24.21	28.91	0.7787
41	30	60	531996	2659.98	CP-OFDM 16 QAM	1@160	21.28	21.29	24.30	29.00	0.7935
41	30	60	531996	2659.98	CP-OFDM 64 QAM	81@40	20.06	20.12	23.10	27.80	0.6026
41	30	60	531996	2659.98	CP-OFDM 64 QAM	1@1	19.44	19.65	22.56	27.26	0.5317
41	30	60	531996	2659.98	CP-OFDM 64 QAM	1@160	19.85	20.25	23.06	27.76	0.5977
41	30	60	531996	2659.98	CP-OFDM 256 QAM	81@40	17.17	17.67	20.44	25.14	0.3264
41	30	60	531996	2659.98	CP-OFDM 256 QAM	1@1	16.62	17.01	19.83	24.53	0.2838
41	30	60	531996	2659.98	CP-OFDM 256 QAM	1@160	16.97	17.4	20.20	24.90	0.3091
41	30	80	507204	2536.02	CP-OFDM QPSK	109@54	20.64	21	23.83	28.53	0.7135
41	30	80	507204	2536.02	CP-OFDM QPSK	1@1	21.39	21.83	24.63	29.33	0.8562
41	30	80	507204	2536.02	CP-OFDM QPSK	1@215	21.49	21.97	24.75	29.45	0.8804
41	30	80	507204	2536.02	CP-OFDM 16 QAM	109@54	21.46	21.6	24.54	29.24	0.8396
41	30	80	507204	2536.02	CP-OFDM 16 QAM	1@1	20.78	21.13	23.97	28.67	0.7360
41	30	80	507204	2536.02	CP-OFDM 16 QAM	1@215	21.34	21.75	24.56	29.26	0.8434
41	30	80	507204	2536.02	CP-OFDM 64 QAM	109@54	20.07	20.1	23.10	27.80	0.6019
41	30	80	507204	2536.02	CP-OFDM 64 QAM	1@1	19.33	19.82	22.59	27.29	0.5361
41	30	80	507204	2536.02	CP-OFDM 64 QAM	1@215	19.87	20.08	22.99	27.69	0.5870
41	30	80	507204	2536.02	CP-OFDM 256 QAM	109@54	17.11	17.16	20.15	24.85	0.3052
41	30	80	507204	2536.02	CP-OFDM 256 QAM	1@1	16.44	16.46	19.46	24.16	0.2606
41	30	80	507204	2536.02	CP-OFDM 256 QAM	1@215	17.21	16.86	20.05	24.75	0.2985
41	30	80	518598	2592.99	CP-OFDM QPSK	109@54	21.95	22.13	25.05	29.75	0.9443
41	30	80	518598	2592.99	CP-OFDM QPSK	1@1	21.02	21.23	24.14	28.84	0.7650
41	30	80	518598	2592.99	CP-OFDM QPSK	1@215	21.6	21.99	24.81	29.51	0.8932
41	30	80	518598	2592.99	CP-OFDM 16 QAM	109@54	21.47	21.69	24.59	29.29	0.8495

41	30	80	518598	2592.99	CP-OFDM 16 QAM	1@1	20.81	21.01	23.92	28.62	0.7280
41	30	80	518598	2592.99	CP-OFDM 16 QAM	1@215	21.32	21.75	24.55	29.25	0.8415
41	30	80	518598	2592.99	CP-OFDM 64 QAM	109@54	20.1	20.2	23.16	27.86	0.6110
41	30	80	518598	2592.99	CP-OFDM 64 QAM	1@1	19.37	19.29	22.34	27.04	0.5059
41	30	80	518598	2592.99	CP-OFDM 64 QAM	1@215	19.89	20.05	22.98	27.68	0.5863
41	30	80	518598	2592.99	CP-OFDM 256 QAM	109@54	17.11	17.33	20.23	24.93	0.3113
41	30	80	518598	2592.99	CP-OFDM 256 QAM	1@1	16.31	16.47	19.40	24.10	0.2571
41	30	80	518598	2592.99	CP-OFDM 256 QAM	1@215	16.87	17.27	20.08	24.78	0.3009
41	30	80	529998	2649.99	CP-OFDM QPSK	109@54	22.01	22.49	25.27	29.97	0.9924
41	30	80	529998	2649.99	CP-OFDM QPSK	1@1	21.27	21.3	24.30	29.00	0.7935
41	30	80	529998	2649.99	CP-OFDM QPSK	1@215	21.64	22.07	24.87	29.57	0.9059
41	30	80	529998	2649.99	CP-OFDM 16 QAM	109@54	21.54	22.06	24.82	29.52	0.8950
41	30	80	529998	2649.99	CP-OFDM 16 QAM	1@1	20.98	21.04	24.02	28.72	0.7448
41	30	80	529998	2649.99	CP-OFDM 16 QAM	1@215	21.27	21.8	24.55	29.25	0.8421
41	30	80	529998	2649.99	CP-OFDM 64 QAM	109@54	20.17	20.53	23.36	28.06	0.6403
41	30	80	529998	2649.99	CP-OFDM 64 QAM	1@1	19.4	19.19	22.31	27.01	0.5019
41	30	80	529998	2649.99	CP-OFDM 64 QAM	1@215	19.74	19.95	22.86	27.56	0.5697
41	30	80	529998	2649.99	CP-OFDM 256 QAM	109@54	17.16	17.63	20.41	25.11	0.3245
41	30	80	529998	2649.99	CP-OFDM 256 QAM	1@1	16.57	16.59	19.59	24.29	0.2686
41	30	80	529998	2649.99	CP-OFDM 256 QAM	1@215	16.92	17.27	20.11	24.81	0.3026
41	30	90	508200	2541	CP-OFDM QPSK	123@61	21.84	22.18	25.02	29.72	0.9383
41	30	90	508200	2541	CP-OFDM QPSK	1@1	20.85	21.11	23.99	28.69	0.7400
41	30	90	508200	2541	CP-OFDM QPSK	1@243	21.13	21.05	24.10	28.80	0.7587
41	30	90	508200	2541	CP-OFDM 16 QAM	123@61	21.4	21.71	24.57	29.27	0.8449
41	30	90	508200	2541	CP-OFDM 16 QAM	1@1	20.57	20.92	23.76	28.46	0.7013
41	30	90	508200	2541	CP-OFDM 16 QAM	1@243	21.14	21.36	24.26	28.96	0.7874
41	30	90	508200	2541	CP-OFDM 64 QAM	123@61	20.02	20.12	23.08	27.78	0.5999
41	30	90	508200	2541	CP-OFDM 64 QAM	1@1	19.2	19.6	22.41	27.11	0.5146
41	30	90	508200	2541	CP-OFDM 64 QAM	1@243	19.77	19.74	22.77	27.47	0.5579
41	30	90	508200	2541	CP-OFDM 256 QAM	123@61	16.99	17.18	20.10	24.80	0.3017
41	30	90	508200	2541	CP-OFDM 256 QAM	1@1	16.17	16.56	19.38	24.08	0.2558
41	30	90	508200	2541	CP-OFDM 256 QAM	1@243	16.73	17.03	19.89	24.59	0.2879
41	30	90	518598	2592.99	CP-OFDM QPSK	123@61	21.91	22.1	25.02	29.72	0.9368
41	30	90	518598	2592.99	CP-OFDM QPSK	1@1	20.82	21.32	24.09	28.79	0.7564

41	30	90	518598	2592.99	CP-OFDM QPSK	1@243	21.46	22.01	24.75	29.45	0.8819
41	30	90	518598	2592.99	CP-OFDM 16 QAM	123@61	21.43	21.69	24.57	29.27	0.8457
41	30	90	518598	2592.99	CP-OFDM 16 QAM	1@1	20.72	20.71	23.73	28.43	0.6959
41	30	90	518598	2592.99	CP-OFDM 16 QAM	1@243	21.24	21.61	24.44	29.14	0.8202
41	30	90	518598	2592.99	CP-OFDM 64 QAM	123@61	20.11	20.19	23.16	27.86	0.6110
41	30	90	518598	2592.99	CP-OFDM 64 QAM	1@1	19.31	19.05	22.19	26.89	0.4889
41	30	90	518598	2592.99	CP-OFDM 64 QAM	1@243	19.82	19.96	22.90	27.60	0.5756
41	30	90	518598	2592.99	CP-OFDM 256 QAM	123@61	17.05	17.28	20.18	24.88	0.3074
41	30	90	518598	2592.99	CP-OFDM 256 QAM	1@1	16.22	16.34	19.29	23.99	0.2507
41	30	90	518598	2592.99	CP-OFDM 256 QAM	1@243	16.75	17.3	20.04	24.74	0.2981
41	30	90	528996	2644.98	CP-OFDM QPSK	123@61	21.97	22.44	25.22	29.92	0.9821
41	30	90	528996	2644.98	CP-OFDM QPSK	1@1	20.93	21.11	24.03	28.73	0.7467
41	30	90	528996	2644.98	CP-OFDM QPSK	1@243	21.45	22.01	24.75	29.45	0.8809
41	30	90	528996	2644.98	CP-OFDM 16 QAM	123@61	21.5	21.98	24.76	29.46	0.8825
41	30	90	528996	2644.98	CP-OFDM 16 QAM	1@1	20.66	20.68	23.68	28.38	0.6887
41	30	90	528996	2644.98	CP-OFDM 16 QAM	1@243	21.2	21.52	24.37	29.07	0.8078
41	30	90	528996	2644.98	CP-OFDM 64 QAM	123@61	20.09	20.41	23.26	27.96	0.6256
41	30	90	528996	2644.98	CP-OFDM 64 QAM	1@1	19.23	18.95	22.10	26.80	0.4789
41	30	90	528996	2644.98	CP-OFDM 64 QAM	1@243	19.74	19.88	22.82	27.52	0.5650
41	30	90	528996	2644.98	CP-OFDM 256 QAM	123@61	17.04	17.56	20.32	25.02	0.3175
41	30	90	528996	2644.98	CP-OFDM 256 QAM	1@1	16.25	16.27	19.27	23.97	0.2495
41	30	90	528996	2644.98	CP-OFDM 256 QAM	1@243	16.72	17.27	20.01	24.71	0.2961
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	21.51	21.58	24.56	29.26	0.8424
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	20.53	20.53	23.54	28.24	0.6669
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	20.65	20.77	23.72	28.42	0.6951
41	30	100	509202	2546.01	CP-OFDM 16 QAM	137@68	21.04	21.12	24.09	28.79	0.7569
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@1	20.3	20.2	23.26	27.96	0.6253
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@271	20.43	20.5	23.48	28.18	0.6570
41	30	100	509202	2546.01	CP-OFDM 64 QAM	137@68	19.7	19.57	22.65	27.35	0.5427
41	30	100	509202	2546.01	CP-OFDM 64 QAM	1@1	19.33	18.93	22.14	26.84	0.4836
41	30	100	509202	2546.01	CP-OFDM 64 QAM	1@271	19.47	18.75	22.14	26.84	0.4825
41	30	100	509202	2546.01	CP-OFDM 256 QAM	137@68	16.64	16.71	19.69	24.39	0.2745
41	30	100	509202	2546.01	CP-OFDM 256 QAM	1@1	15.94	16.06	19.01	23.71	0.2350
41	30	100	509202	2546.01	CP-OFDM 256 QAM	1@271	16.06	16.34	19.21	23.91	0.2462

41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	21.68	21.72	24.71	29.41	0.8730
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	20.46	20.46	23.47	28.17	0.6562
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	21.23	21.44	24.35	29.05	0.8029
41	30	100	518598	2592.99	CP-OFDM 16 QAM	137@68	21.18	21.24	24.22	28.92	0.7799
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@1	20.09	20.09	23.10	27.80	0.6026
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@271	20.89	21.08	24.00	28.70	0.7407
41	30	100	518598	2592.99	CP-OFDM 64 QAM	137@68	19.84	19.7	22.78	27.48	0.5599
41	30	100	518598	2592.99	CP-OFDM 64 QAM	1@1	19.3	18.37	21.87	26.57	0.4540
41	30	100	518598	2592.99	CP-OFDM 64 QAM	1@271	20.1	19.37	22.76	27.46	0.5573
41	30	100	518598	2592.99	CP-OFDM 256 QAM	137@68	16.87	16.88	19.89	24.59	0.2874
41	30	100	518598	2592.99	CP-OFDM 256 QAM	1@1	15.75	15.71	18.74	23.44	0.2208
41	30	100	518598	2592.99	CP-OFDM 256 QAM	1@271	16.62	16.97	19.81	24.51	0.2824
41	30	100	528000	2640	CP-OFDM QPSK	137@68	21.71	22	24.87	29.57	0.9053
41	30	100	528000	2640	CP-OFDM QPSK	1@1	20.24	20.42	23.34	28.04	0.6370
41	30	100	528000	2640	CP-OFDM QPSK	1@271	21.19	21.49	24.35	29.05	0.8041
41	30	100	528000	2640	CP-OFDM 16 QAM	137@68	21.25	21.55	24.41	29.11	0.8152
41	30	100	528000	2640	CP-OFDM 16 QAM	1@1	19.9	20.11	23.02	27.72	0.5911
41	30	100	528000	2640	CP-OFDM 16 QAM	1@271	20.96	21.18	24.08	28.78	0.7554
41	30	100	528000	2640	CP-OFDM 64 QAM	137@68	19.92	20	22.97	27.67	0.5849
41	30	100	528000	2640	CP-OFDM 64 QAM	1@1	19.07	18.3	21.71	26.41	0.4378
41	30	100	528000	2640	CP-OFDM 64 QAM	1@271	20.02	19.4	22.73	27.43	0.5535
41	30	100	528000	2640	CP-OFDM 256 QAM	137@68	16.85	17.13	20.00	24.70	0.2953
41	30	100	528000	2640	CP-OFDM 256 QAM	1@1	15.55	15.94	18.76	23.46	0.2218
41	30	100	528000	2640	CP-OFDM 256 QAM	1@271	16.55	16.98	19.78	24.48	0.2806

MIMO Gain= Maximum (Ant.5, Ant.6)=4.7dBi

FR1 N41(MIMO ANT5) – SCS 30kHz

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0601	PASS	NV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0024	PASS	LV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0333	PASS	HV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0379	PASS	-30°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0443	PASS	-20°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0282	PASS	-10°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0021	PASS	0°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0484	PASS	10°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0501	PASS	20°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0006	PASS	30°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0671	PASS	40°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0501	PASS	50°C

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	CP-OFDM QPSK	51@0	10.69	13	PASS
41	30	20	501204	2506.02	CP-OFDM QPSK	1@0	10.82	13	PASS
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	10.9	13	PASS
41	30	20	518598	2592.99	CP-OFDM QPSK	1@0	10.38	13	PASS
41	30	20	535998	2679.99	CP-OFDM QPSK	51@0	11.14	13	PASS
41	30	20	535998	2679.99	CP-OFDM QPSK	1@0	10.64	13	PASS

N41(20M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(20M)_CP-
OFDM_QPSK_Outer_Full_High_CH



N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

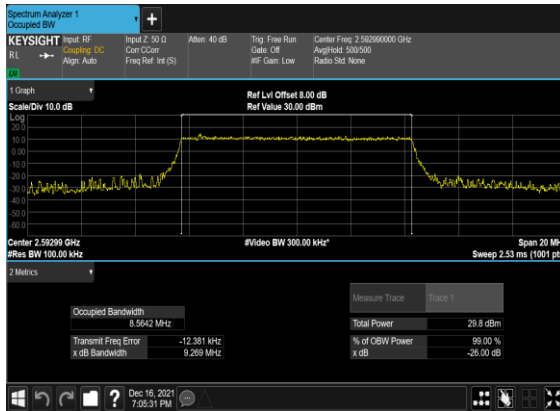


Occupied Bandwidth

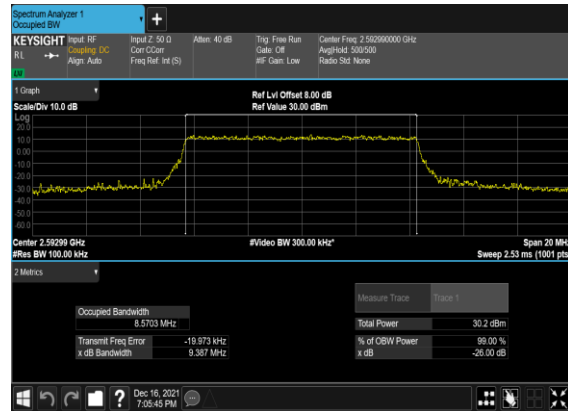
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.5642	9.269
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5703	9.387
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5819	9.243
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5742	9.348
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.547	14.44
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.57	14.48
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.547	14.45
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.569	14.46
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.178	19.23
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.15	19.05
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.193	19.17
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.199	19.28
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.839	39.32
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.782	39.31
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.938	39.85
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.796	39.44
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.512	49.77
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.519	49.41
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.472	51.04
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.448	49.18
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.913	59.84
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.887	59.87
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.851	59.94
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.904	59.75
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.569	79.97

41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.608	80.11
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.687	80.0
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.677	80.09
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.769	90.36
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.664	90.31
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.603	90.49
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.515	90.24
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.48	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.586	100.5
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.553	100.6
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.402	100.6

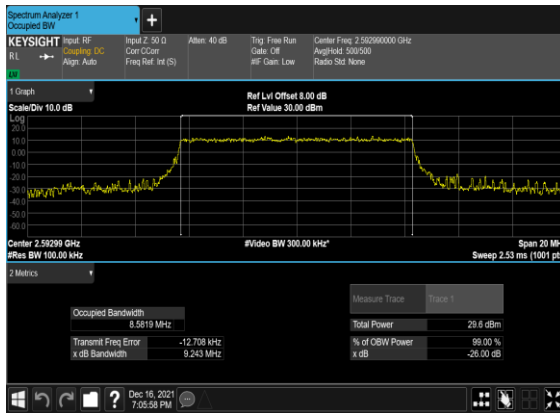
N41(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



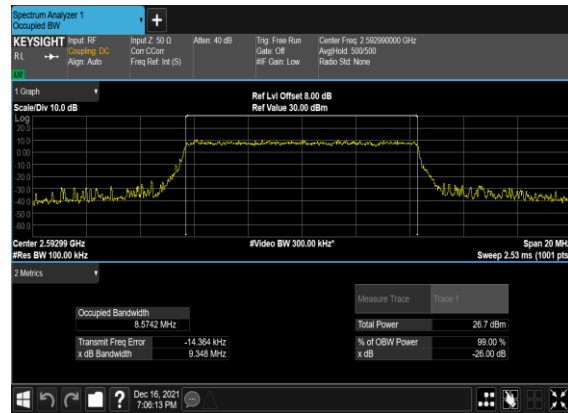
N41(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



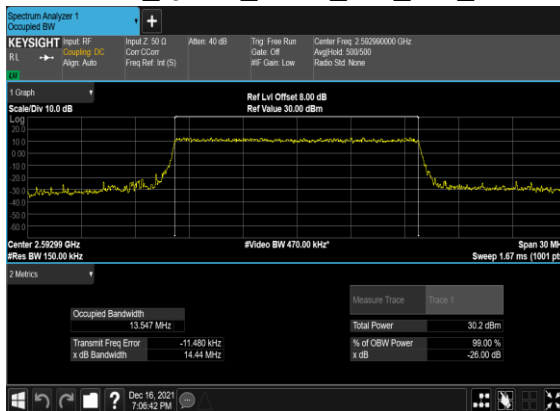
N41(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



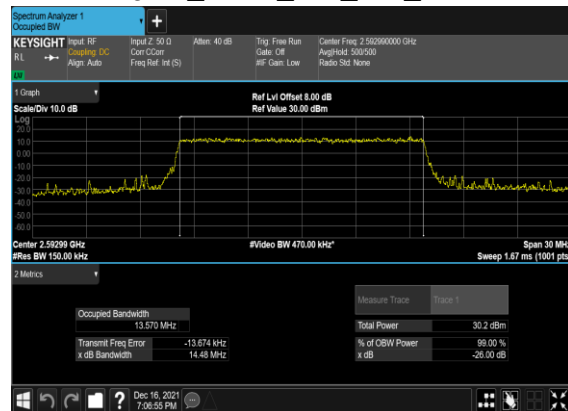
N41(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



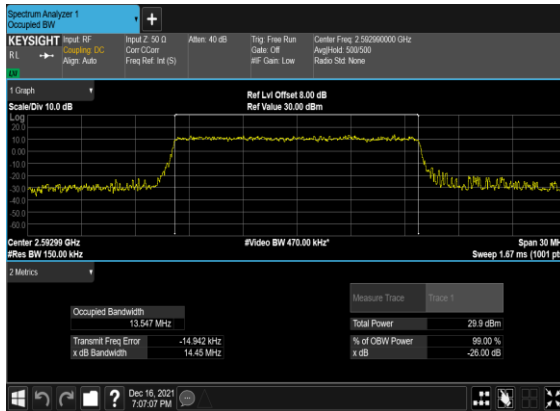
N41(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



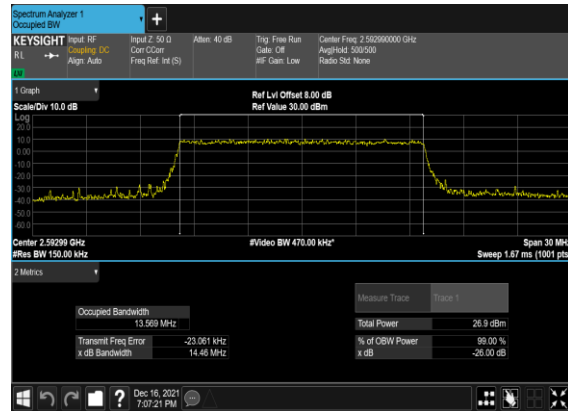
N41(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



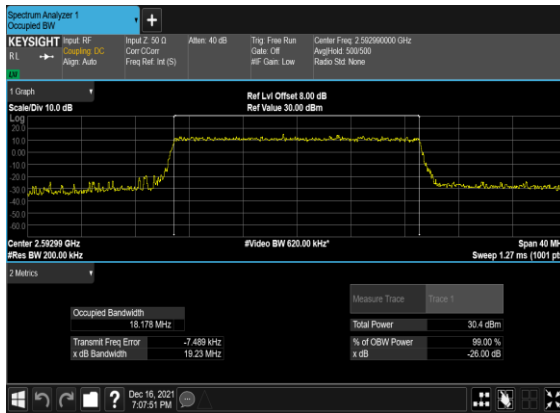
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QAM_Outer_Full_Mid_CH



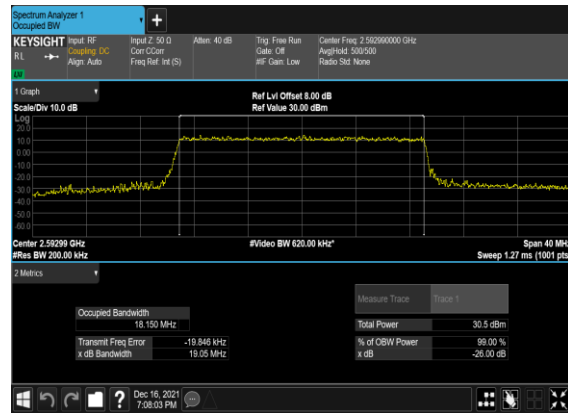
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QAM_Outer_Full_Mid_CH



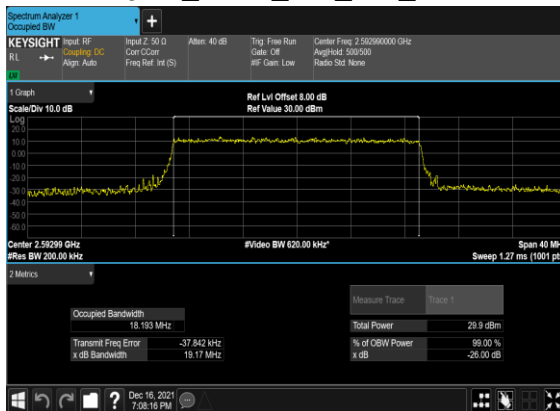
N41(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



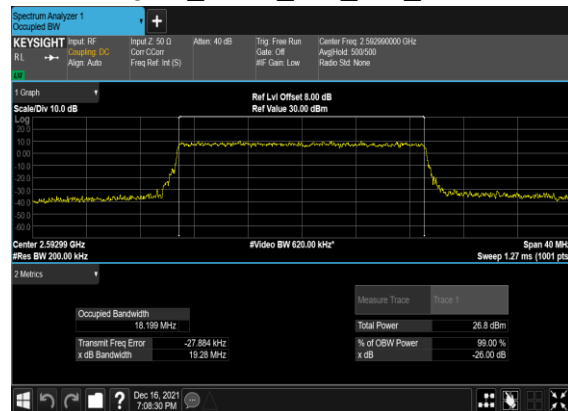
N41(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



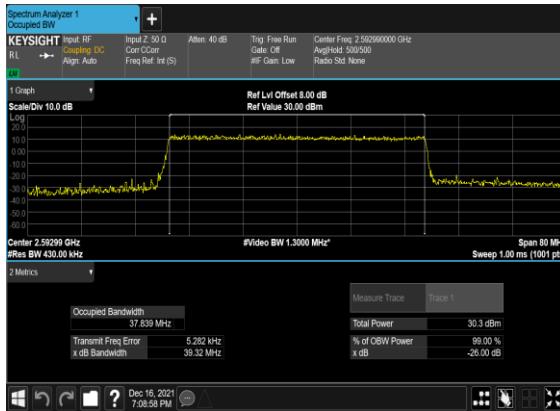
N41(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



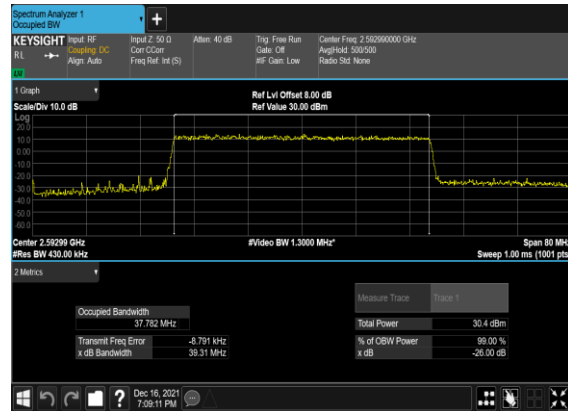
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QAM_Outer_Full_Mid_CH



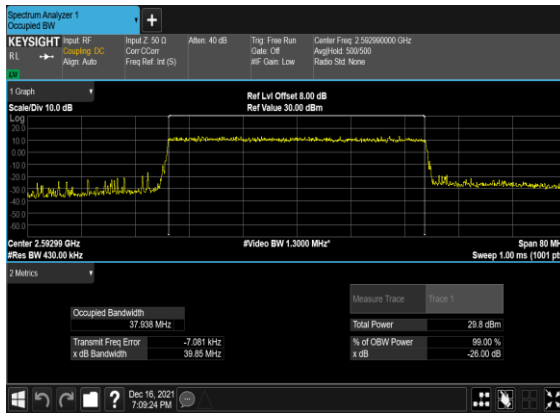
N41(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



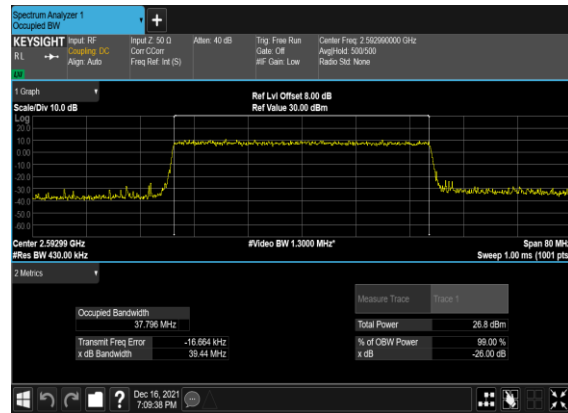
N41(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



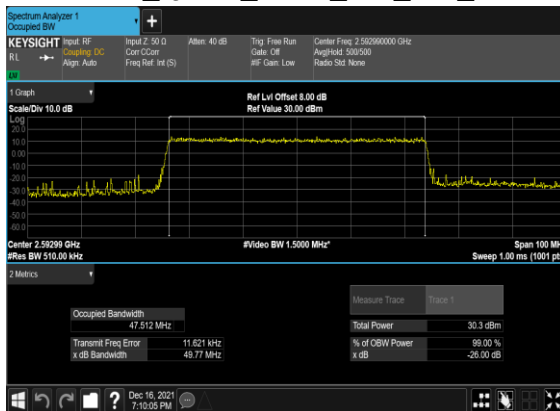
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QAM_Outer_Full_Mid_CH



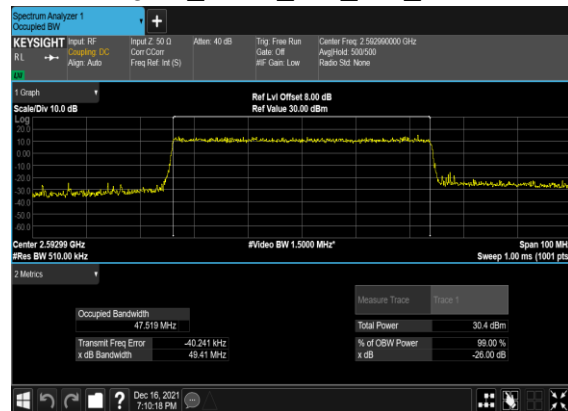
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QAM_Outer_Full_Mid_CH



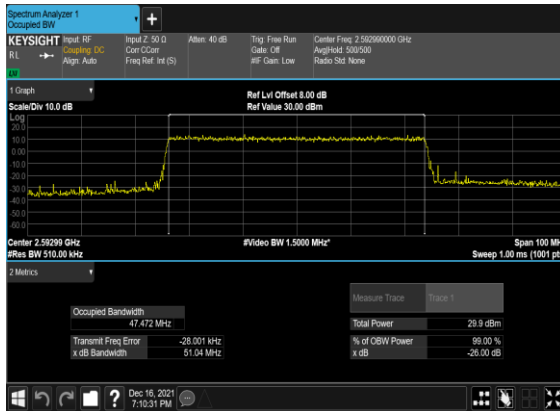
N41(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



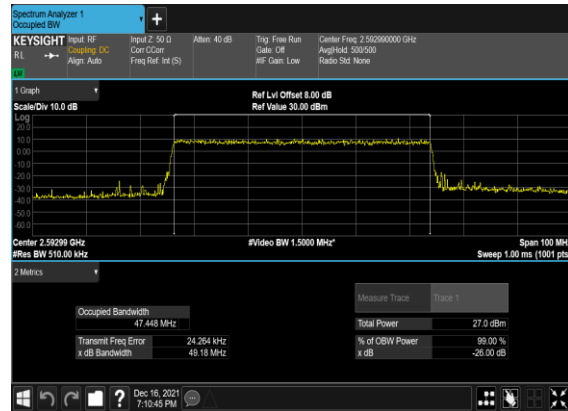
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QAM_Outer_Full_Mid_CH



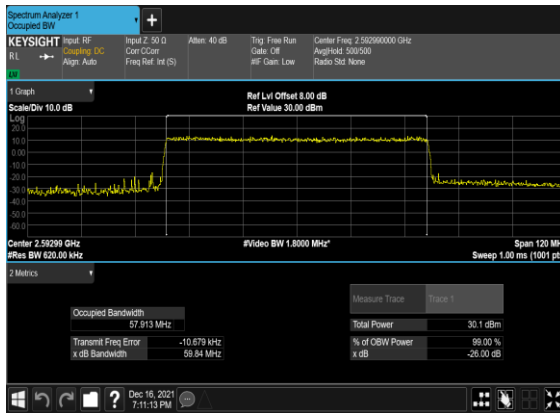
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QAM_Outer_Full_Mid_CH



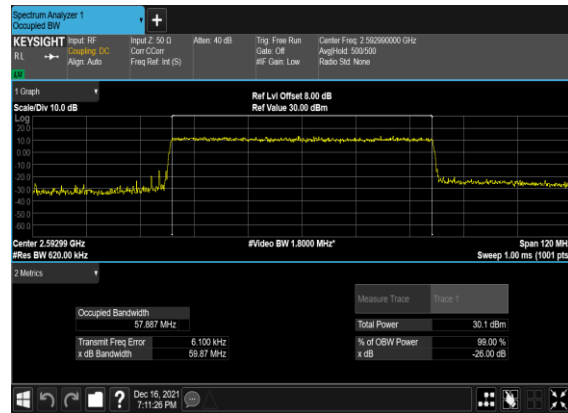
N41(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



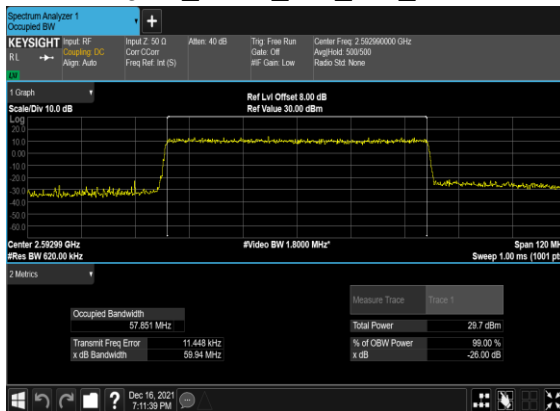
N41(60M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



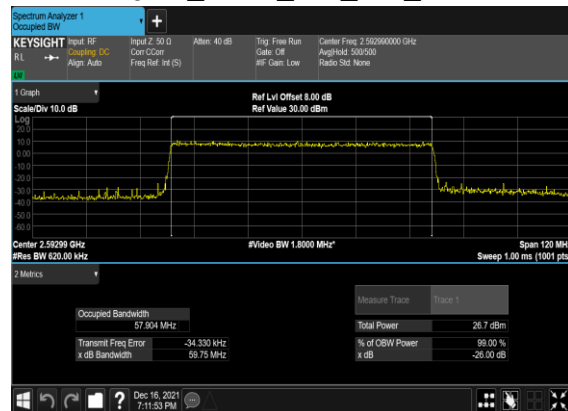
N41(60M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



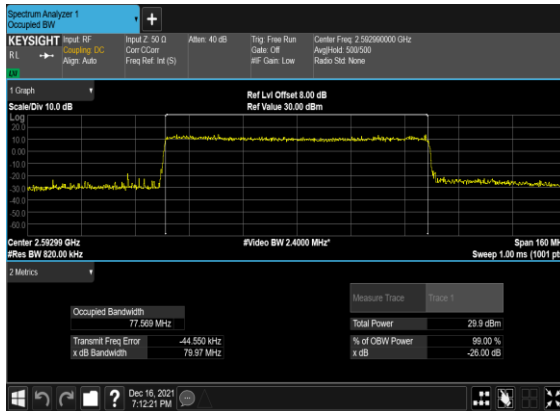
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QAM_Outer_Full_Mid_CH



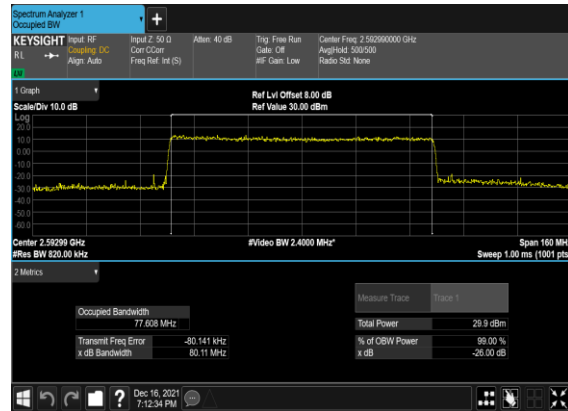
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QAM_Outer_Full_Mid_CH



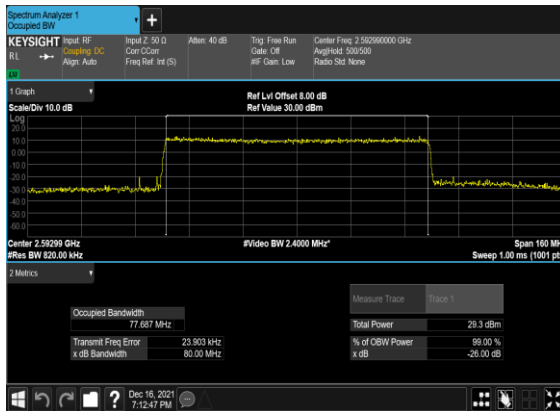
N41(80M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



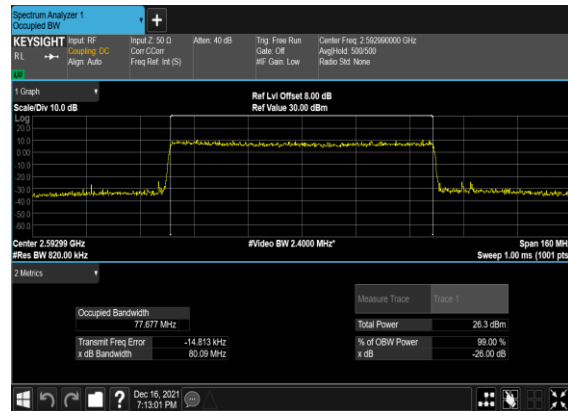
N41(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



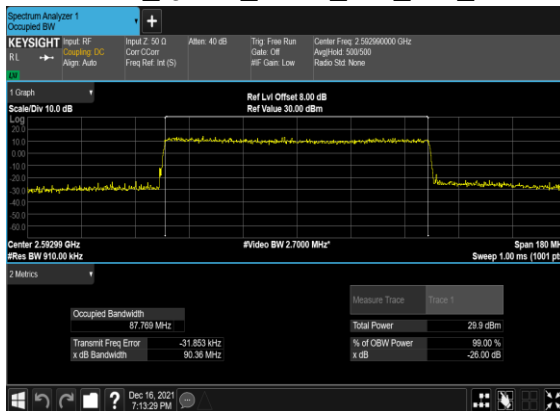
N41(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



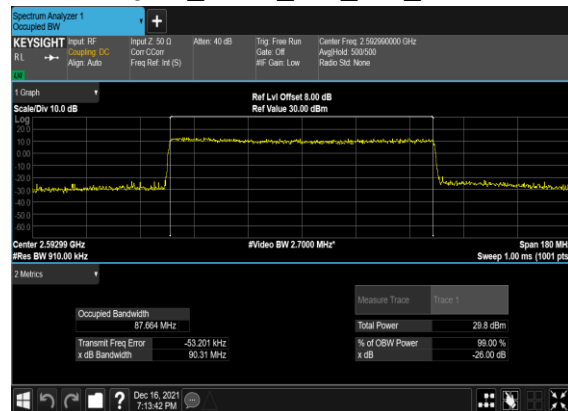
N41(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



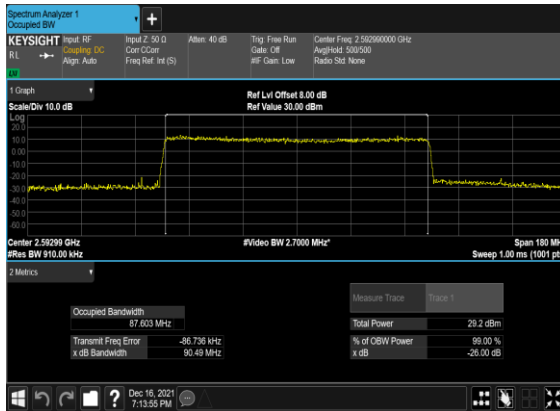
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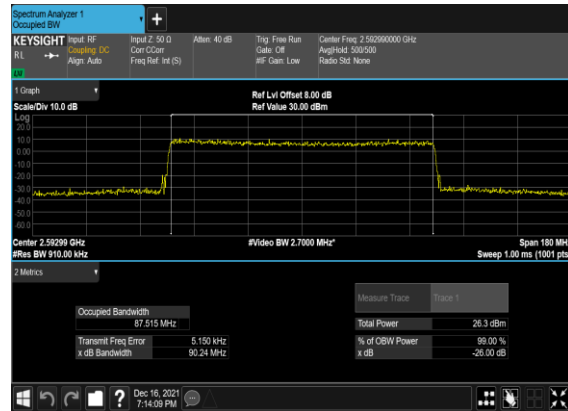
N41(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



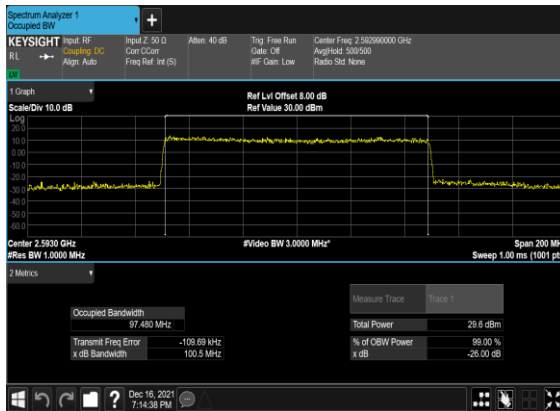
N41(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



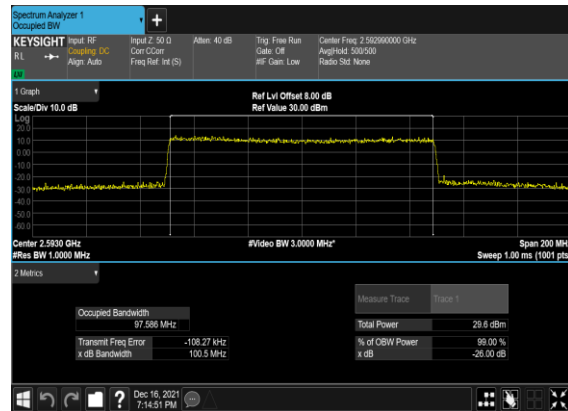
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QAM_Outer_Full_Mid_CH



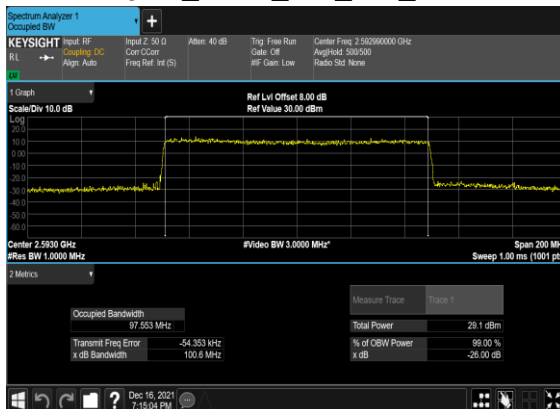
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OFDM_QPSK_Outer_Full_Mid_CH



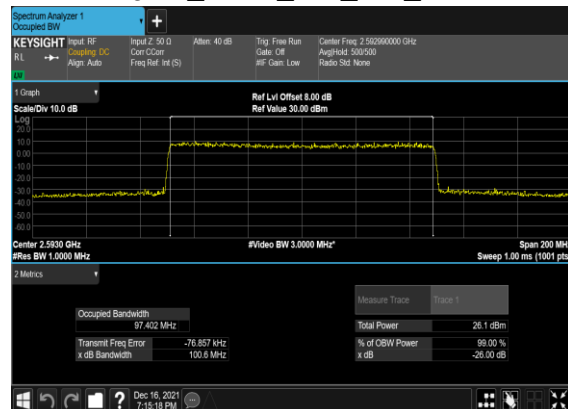
N41(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	---
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	---
41	30	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	CP-OFDM QPSK	1@0	see graph	---
41	30	50	504204	2521.02	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	50	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	CP-OFDM QPSK	1@0	see graph	---
41	30	50	532998	2664.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	---
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---

41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	---
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	PASS

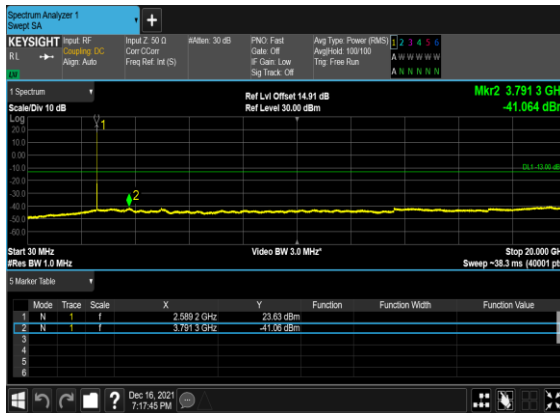
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



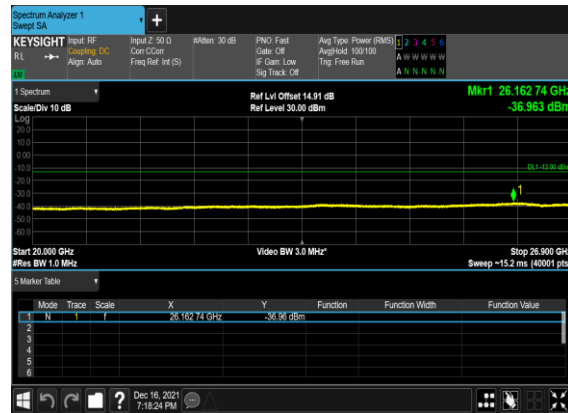
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



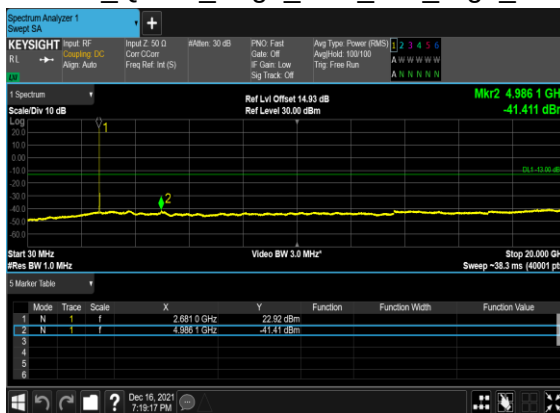
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



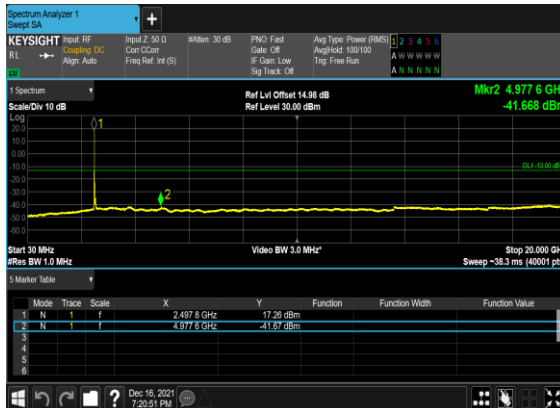
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



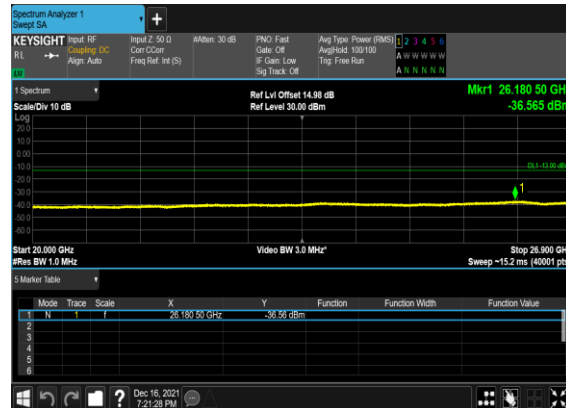
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



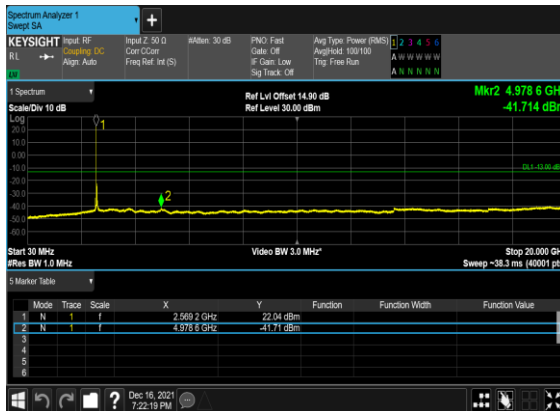
N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



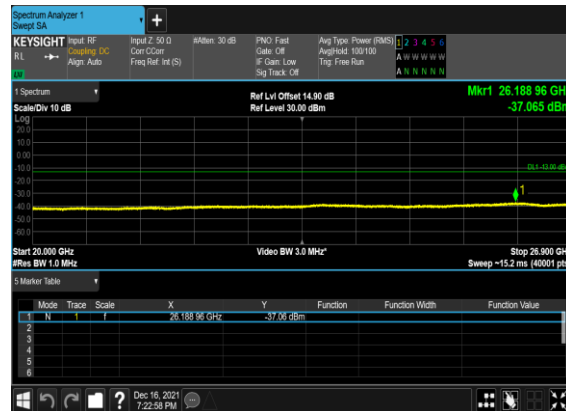
N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

