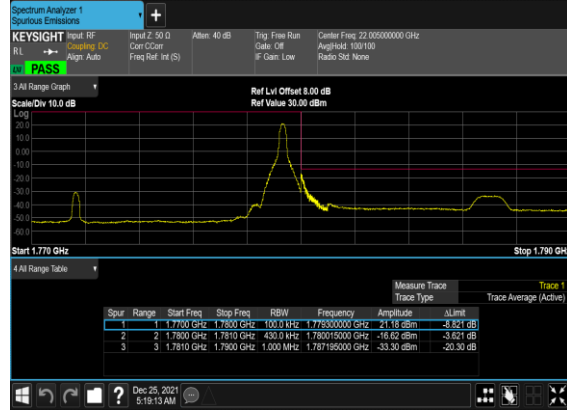




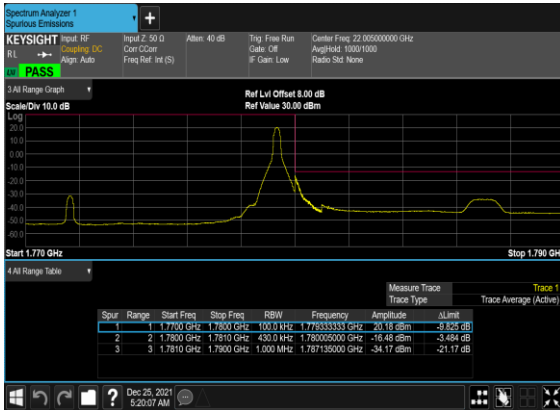
B13_N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



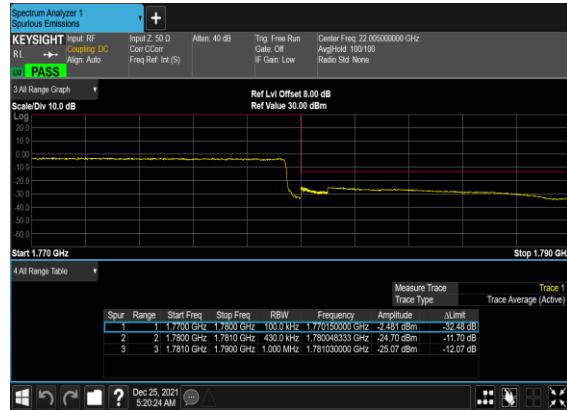
B13_N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



B13_N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B13_N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH





B13_N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Software Version: 21.02.111001

FR1 N77

LTE Band: 5, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	25@12	22.67
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	22.74
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@49	22.71
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	22.69
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	22.77
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	22.73
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	21.74
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	21.81
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	21.69
77	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	25@12	20.22
77	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@1	20.31
77	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@49	20.13
77	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	25@12	18.23
77	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@1	18.21
77	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@49	18.29
77	30	20	647334	3710.01	CP-OFDM QPSK	25@12	21.24
77	30	20	647334	3710.01	CP-OFDM QPSK	1@1	21.35
77	30	20	647334	3710.01	CP-OFDM QPSK	1@49	21.21
77	30	20	656000	3840	DFT-s-OFDM PI/2 BPSK	25@12	22.88
77	30	20	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	22.88
77	30	20	656000	3840	DFT-s-OFDM PI/2 BPSK	1@49	22.91
77	30	20	656000	3840	DFT-s-OFDM QPSK	25@12	22.9
77	30	20	656000	3840	DFT-s-OFDM QPSK	1@1	22.94
77	30	20	656000	3840	DFT-s-OFDM QPSK	1@49	22.93
77	30	20	656000	3840	DFT-s-OFDM 16 QAM	25@12	21.87
77	30	20	656000	3840	DFT-s-OFDM 16 QAM	1@1	22.06



77	30	20	656000	3840	DFT-s-OFDM 16 QAM	1@49	22
77	30	20	656000	3840	DFT-s-OFDM 64 QAM	25@12	20.43
77	30	20	656000	3840	DFT-s-OFDM 64 QAM	1@1	20.37
77	30	20	656000	3840	DFT-s-OFDM 64 QAM	1@49	20.43
77	30	20	656000	3840	DFT-s-OFDM 256 QAM	25@12	18.38
77	30	20	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.32
77	30	20	656000	3840	DFT-s-OFDM 256 QAM	1@49	18.38
77	30	20	656000	3840	CP-OFDM QPSK	25@12	21.41
77	30	20	656000	3840	CP-OFDM QPSK	1@1	21.51
77	30	20	656000	3840	CP-OFDM QPSK	1@49	21.53
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	25@12	22.38
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@1	22.5
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@49	22.35
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	25@12	22.38
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@1	22.49
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@49	22.27
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	25@12	21.41
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@1	21.52
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@49	21.22
77	30	20	664666	3969.99	DFT-s-OFDM 64 QAM	25@12	19.86
77	30	20	664666	3969.99	DFT-s-OFDM 64 QAM	1@1	19.96
77	30	20	664666	3969.99	DFT-s-OFDM 64 QAM	1@49	19.8
77	30	20	664666	3969.99	DFT-s-OFDM 256 QAM	25@12	17.88
77	30	20	664666	3969.99	DFT-s-OFDM 256 QAM	1@1	17.9
77	30	20	664666	3969.99	DFT-s-OFDM 256 QAM	1@49	17.87
77	30	20	664666	3969.99	CP-OFDM QPSK	25@12	20.89
77	30	20	664666	3969.99	CP-OFDM QPSK	1@1	21.01
77	30	20	664666	3969.99	CP-OFDM QPSK	1@49	20.91
77	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	36@18	22.88
77	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	22.87
77	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@76	22.82
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	22.87



77	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	22.88
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	22.81
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	21.88
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	21.97
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	21.87
77	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	36@18	20.32
77	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@1	20.38
77	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@76	20.28
77	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	36@18	18.32
77	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@1	18.34
77	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@76	18.26
77	30	30	647668	3715.02	CP-OFDM QPSK	39@19	21.38
77	30	30	647668	3715.02	CP-OFDM QPSK	1@1	21.49
77	30	30	647668	3715.02	CP-OFDM QPSK	1@76	21.39
77	30	30	656000	3840	DFT-s-OFDM PI/2 BPSK	36@18	23.13
77	30	30	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	23.13
77	30	30	656000	3840	DFT-s-OFDM PI/2 BPSK	1@76	23.22
77	30	30	656000	3840	DFT-s-OFDM QPSK	36@18	23.11
77	30	30	656000	3840	DFT-s-OFDM QPSK	1@1	23.16
77	30	30	656000	3840	DFT-s-OFDM QPSK	1@76	23.18
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	36@18	22.11
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	1@1	22.2
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	1@76	22.23
77	30	30	656000	3840	DFT-s-OFDM 64 QAM	36@18	20.63
77	30	30	656000	3840	DFT-s-OFDM 64 QAM	1@1	20.73
77	30	30	656000	3840	DFT-s-OFDM 64 QAM	1@76	20.74
77	30	30	656000	3840	DFT-s-OFDM 256 QAM	36@18	18.64
77	30	30	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.55
77	30	30	656000	3840	DFT-s-OFDM 256 QAM	1@76	18.65
77	30	30	656000	3840	CP-OFDM QPSK	39@19	21.64
77	30	30	656000	3840	CP-OFDM QPSK	1@1	21.7
77	30	30	656000	3840	CP-OFDM QPSK	1@76	21.68



77	30	30	664332	3964.98	DFT-s-OFDM PI/2 BPSK	36@18	22.56
77	30	30	664332	3964.98	DFT-s-OFDM PI/2 BPSK	1@1	22.69
77	30	30	664332	3964.98	DFT-s-OFDM PI/2 BPSK	1@76	22.42
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	36@18	22.58
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	1@1	22.68
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	1@76	22.44
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	36@18	21.58
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@1	21.73
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@76	21.53
77	30	30	664332	3964.98	DFT-s-OFDM 64 QAM	36@18	20.06
77	30	30	664332	3964.98	DFT-s-OFDM 64 QAM	1@1	20.15
77	30	30	664332	3964.98	DFT-s-OFDM 64 QAM	1@76	19.96
77	30	30	664332	3964.98	DFT-s-OFDM 256 QAM	36@18	18.02
77	30	30	664332	3964.98	DFT-s-OFDM 256 QAM	1@1	18.2
77	30	30	664332	3964.98	DFT-s-OFDM 256 QAM	1@76	17.83
77	30	30	664332	3964.98	CP-OFDM QPSK	39@19	21.06
77	30	30	664332	3964.98	CP-OFDM QPSK	1@1	21.26
77	30	30	664332	3964.98	CP-OFDM QPSK	1@76	21.02
77	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	50@25	22.87
77	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	22.9
77	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@104	22.78
77	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	22.87
77	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	22.89
77	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	22.84
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	21.87
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	22.04
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	21.87
77	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	20.38
77	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	20.39
77	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	20.22
77	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	18.34
77	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	18.38



77	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	18.23
77	30	40	648000	3720	CP-OFDM QPSK	53@26	21.37
77	30	40	648000	3720	CP-OFDM QPSK	1@1	21.51
77	30	40	648000	3720	CP-OFDM QPSK	1@104	21.4
77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	50@25	23.14
77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	23.13
77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	1@104	23.19
77	30	40	656000	3840	DFT-s-OFDM QPSK	50@25	23.17
77	30	40	656000	3840	DFT-s-OFDM QPSK	1@1	23.18
77	30	40	656000	3840	DFT-s-OFDM QPSK	1@104	23.19
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	50@25	22.12
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	1@1	22.25
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	1@104	22.19
77	30	40	656000	3840	DFT-s-OFDM 64 QAM	50@25	20.64
77	30	40	656000	3840	DFT-s-OFDM 64 QAM	1@1	20.58
77	30	40	656000	3840	DFT-s-OFDM 64 QAM	1@104	20.67
77	30	40	656000	3840	DFT-s-OFDM 256 QAM	50@25	18.64
77	30	40	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.61
77	30	40	656000	3840	DFT-s-OFDM 256 QAM	1@104	18.67
77	30	40	656000	3840	CP-OFDM QPSK	53@26	21.67
77	30	40	656000	3840	CP-OFDM QPSK	1@1	21.76
77	30	40	656000	3840	CP-OFDM QPSK	1@104	21.84
77	30	40	664000	3960	DFT-s-OFDM PI/2 BPSK	50@25	22.67
77	30	40	664000	3960	DFT-s-OFDM PI/2 BPSK	1@1	22.79
77	30	40	664000	3960	DFT-s-OFDM PI/2 BPSK	1@104	22.53
77	30	40	664000	3960	DFT-s-OFDM QPSK	50@25	22.67
77	30	40	664000	3960	DFT-s-OFDM QPSK	1@1	22.84
77	30	40	664000	3960	DFT-s-OFDM QPSK	1@104	22.58
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	50@25	21.69
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	1@1	21.89
77	30	40	664000	3960	DFT-s-OFDM 16 QAM	1@104	21.64
77	30	40	664000	3960	DFT-s-OFDM 64 QAM	50@25	20.2



77	30	40	664000	3960	DFT-s-OFDM 64 QAM	1@1	20.32
77	30	40	664000	3960	DFT-s-OFDM 64 QAM	1@104	20.14
77	30	40	664000	3960	DFT-s-OFDM 256 QAM	50@25	18.18
77	30	40	664000	3960	DFT-s-OFDM 256 QAM	1@1	18.16
77	30	40	664000	3960	DFT-s-OFDM 256 QAM	1@104	18.03
77	30	40	664000	3960	CP-OFDM QPSK	53@26	21.19
77	30	40	664000	3960	CP-OFDM QPSK	1@1	21.35
77	30	40	664000	3960	CP-OFDM QPSK	1@104	21.22
77	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	64@32	22.67
77	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	22.64
77	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@131	22.52
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	64@32	22.6
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	22.66
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	22.54
77	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	21.56
77	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	21.67
77	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	21.56
77	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	64@32	20.12
77	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	20.16
77	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@131	20.03
77	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	64@32	18.06
77	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	18.15
77	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@131	18.05
77	30	50	648334	3725.01	CP-OFDM QPSK	67@33	21.1
77	30	50	648334	3725.01	CP-OFDM QPSK	1@1	21.26
77	30	50	648334	3725.01	CP-OFDM QPSK	1@131	21.11
77	30	50	656000	3840	DFT-s-OFDM PI/2 BPSK	64@32	22.87
77	30	50	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	22.75
77	30	50	656000	3840	DFT-s-OFDM PI/2 BPSK	1@131	22.94
77	30	50	656000	3840	DFT-s-OFDM QPSK	64@32	22.9
77	30	50	656000	3840	DFT-s-OFDM QPSK	1@1	22.69
77	30	50	656000	3840	DFT-s-OFDM QPSK	1@131	22.89



77	30	50	656000	3840	DFT-s-OFDM 16 QAM	64@32	21.85
77	30	50	656000	3840	DFT-s-OFDM 16 QAM	1@1	21.81
77	30	50	656000	3840	DFT-s-OFDM 16 QAM	1@131	21.86
77	30	50	656000	3840	DFT-s-OFDM 64 QAM	64@32	20.39
77	30	50	656000	3840	DFT-s-OFDM 64 QAM	1@1	20.21
77	30	50	656000	3840	DFT-s-OFDM 64 QAM	1@131	20.33
77	30	50	656000	3840	DFT-s-OFDM 256 QAM	64@32	18.36
77	30	50	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.25
77	30	50	656000	3840	DFT-s-OFDM 256 QAM	1@131	18.43
77	30	50	656000	3840	CP-OFDM QPSK	67@33	21.39
77	30	50	656000	3840	CP-OFDM QPSK	1@1	21.33
77	30	50	656000	3840	CP-OFDM QPSK	1@131	21.44
77	30	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	64@32	22.38
77	30	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	1@1	22.47
77	30	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	1@131	22.28
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	64@32	22.34
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@1	22.46
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@131	22.25
77	30	50	663666	3954.99	DFT-s-OFDM 16 QAM	64@32	21.33
77	30	50	663666	3954.99	DFT-s-OFDM 16 QAM	1@1	21.49
77	30	50	663666	3954.99	DFT-s-OFDM 16 QAM	1@131	21.28
77	30	50	663666	3954.99	DFT-s-OFDM 64 QAM	64@32	19.84
77	30	50	663666	3954.99	DFT-s-OFDM 64 QAM	1@1	20.05
77	30	50	663666	3954.99	DFT-s-OFDM 64 QAM	1@131	19.83
77	30	50	663666	3954.99	DFT-s-OFDM 256 QAM	64@32	17.8
77	30	50	663666	3954.99	DFT-s-OFDM 256 QAM	1@1	17.86
77	30	50	663666	3954.99	DFT-s-OFDM 256 QAM	1@131	17.76
77	30	50	663666	3954.99	CP-OFDM QPSK	67@33	20.87
77	30	50	663666	3954.99	CP-OFDM QPSK	1@1	21.05
77	30	50	663666	3954.99	CP-OFDM QPSK	1@131	20.86
77	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	81@40	22.61
77	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	22.57



77	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@160	22.58
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	81@40	22.63
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	22.58
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@160	22.64
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	81@40	21.65
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	21.75
77	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@160	21.69
77	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	81@40	20.13
77	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@1	20.13
77	30	60	648668	3730.02	DFT-s-OFDM 64 QAM	1@160	20.08
77	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	81@40	18.15
77	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@1	18.05
77	30	60	648668	3730.02	DFT-s-OFDM 256 QAM	1@160	17.99
77	30	60	648668	3730.02	CP-OFDM QPSK	81@40	21.14
77	30	60	648668	3730.02	CP-OFDM QPSK	1@1	21.25
77	30	60	648668	3730.02	CP-OFDM QPSK	1@160	21.15
77	30	60	656000	3840	DFT-s-OFDM PI/2 BPSK	81@40	22.86
77	30	60	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	22.81
77	30	60	656000	3840	DFT-s-OFDM PI/2 BPSK	1@160	22.84
77	30	60	656000	3840	DFT-s-OFDM QPSK	81@40	22.87
77	30	60	656000	3840	DFT-s-OFDM QPSK	1@1	22.82
77	30	60	656000	3840	DFT-s-OFDM QPSK	1@160	22.84
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	81@40	21.89
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	1@1	21.87
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	1@160	21.87
77	30	60	656000	3840	DFT-s-OFDM 64 QAM	81@40	20.37
77	30	60	656000	3840	DFT-s-OFDM 64 QAM	1@1	20.27
77	30	60	656000	3840	DFT-s-OFDM 64 QAM	1@160	20.33
77	30	60	656000	3840	DFT-s-OFDM 256 QAM	81@40	18.33
77	30	60	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.32
77	30	60	656000	3840	DFT-s-OFDM 256 QAM	1@160	18.28
77	30	60	656000	3840	CP-OFDM QPSK	81@40	21.35



77	30	60	656000	3840	CP-OFDM QPSK	1@1	21.38
77	30	60	656000	3840	CP-OFDM QPSK	1@160	21.46
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	81@40	22.45
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	1@1	22.55
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	1@160	22.27
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	81@40	22.39
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@1	22.51
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@160	22.23
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	81@40	21.4
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	1@1	21.57
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	1@160	21.25
77	30	60	663332	3949.98	DFT-s-OFDM 64 QAM	81@40	19.93
77	30	60	663332	3949.98	DFT-s-OFDM 64 QAM	1@1	20.03
77	30	60	663332	3949.98	DFT-s-OFDM 64 QAM	1@160	19.73
77	30	60	663332	3949.98	DFT-s-OFDM 256 QAM	81@40	17.88
77	30	60	663332	3949.98	DFT-s-OFDM 256 QAM	1@1	18
77	30	60	663332	3949.98	DFT-s-OFDM 256 QAM	1@160	17.84
77	30	60	663332	3949.98	CP-OFDM QPSK	81@40	20.9
77	30	60	663332	3949.98	CP-OFDM QPSK	1@1	21.19
77	30	60	663332	3949.98	CP-OFDM QPSK	1@160	20.81
77	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	90@45	22.63
77	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	22.71
77	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@187	22.6
77	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	22.56
77	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	22.68
77	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	22.57
77	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	21.56
77	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	21.76
77	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	21.62
77	30	70	649000	3735	DFT-s-OFDM 64 QAM	90@45	20.07
77	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@1	20.19
77	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@187	20.12



77	30	70	649000	3735	DFT-s-OFDM 256 QAM	90@45	18.05
77	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@1	18.1
77	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@187	18.14
77	30	70	649000	3735	CP-OFDM QPSK	95@47	21.08
77	30	70	649000	3735	CP-OFDM QPSK	1@1	21.35
77	30	70	649000	3735	CP-OFDM QPSK	1@187	21.25
77	30	70	656000	3840	DFT-s-OFDM PI/2 BPSK	90@45	22.89
77	30	70	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	22.84
77	30	70	656000	3840	DFT-s-OFDM PI/2 BPSK	1@187	22.78
77	30	70	656000	3840	DFT-s-OFDM QPSK	90@45	22.87
77	30	70	656000	3840	DFT-s-OFDM QPSK	1@1	22.89
77	30	70	656000	3840	DFT-s-OFDM QPSK	1@187	22.78
77	30	70	656000	3840	DFT-s-OFDM 16 QAM	90@45	21.87
77	30	70	656000	3840	DFT-s-OFDM 16 QAM	1@1	21.77
77	30	70	656000	3840	DFT-s-OFDM 16 QAM	1@187	21.82
77	30	70	656000	3840	DFT-s-OFDM 64 QAM	90@45	20.36
77	30	70	656000	3840	DFT-s-OFDM 64 QAM	1@1	20.39
77	30	70	656000	3840	DFT-s-OFDM 64 QAM	1@187	20.34
77	30	70	656000	3840	DFT-s-OFDM 256 QAM	90@45	18.35
77	30	70	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.41
77	30	70	656000	3840	DFT-s-OFDM 256 QAM	1@187	18.4
77	30	70	656000	3840	CP-OFDM QPSK	95@47	21.37
77	30	70	656000	3840	CP-OFDM QPSK	1@1	21.43
77	30	70	656000	3840	CP-OFDM QPSK	1@187	21.48
77	30	70	663000	3945	DFT-s-OFDM PI/2 BPSK	90@45	22.46
77	30	70	663000	3945	DFT-s-OFDM PI/2 BPSK	1@1	22.76
77	30	70	663000	3945	DFT-s-OFDM PI/2 BPSK	1@187	22.18
77	30	70	663000	3945	DFT-s-OFDM QPSK	90@45	22.52
77	30	70	663000	3945	DFT-s-OFDM QPSK	1@1	22.74
77	30	70	663000	3945	DFT-s-OFDM QPSK	1@187	22.12
77	30	70	663000	3945	DFT-s-OFDM 16 QAM	90@45	21.54
77	30	70	663000	3945	DFT-s-OFDM 16 QAM	1@1	21.8



77	30	70	663000	3945	DFT-s-OFDM 16 QAM	1@187	21.19
77	30	70	663000	3945	DFT-s-OFDM 64 QAM	90@45	19.93
77	30	70	663000	3945	DFT-s-OFDM 64 QAM	1@1	20.24
77	30	70	663000	3945	DFT-s-OFDM 64 QAM	1@187	19.6
77	30	70	663000	3945	DFT-s-OFDM 256 QAM	90@45	17.87
77	30	70	663000	3945	DFT-s-OFDM 256 QAM	1@1	18.16
77	30	70	663000	3945	DFT-s-OFDM 256 QAM	1@187	17.63
77	30	70	663000	3945	CP-OFDM QPSK	95@47	20.92
77	30	70	663000	3945	CP-OFDM QPSK	1@1	21.3
77	30	70	663000	3945	CP-OFDM QPSK	1@187	20.8
77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	108@54	22.58
77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	22.73
77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@215	22.56
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	22.58
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	22.73
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	22.56
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	21.58
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	21.65
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	21.63
77	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	108@54	20.08
77	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@1	20.29
77	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@215	20.06
77	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	108@54	18.05
77	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@1	18.21
77	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@215	18.07
77	30	80	649334	3740.01	CP-OFDM QPSK	109@54	21.07
77	30	80	649334	3740.01	CP-OFDM QPSK	1@1	21.31
77	30	80	649334	3740.01	CP-OFDM QPSK	1@215	21.16
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	108@54	22.87
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	22.94
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	1@215	22.78
77	30	80	656000	3840	DFT-s-OFDM QPSK	108@54	22.84



77	30	80	656000	3840	DFT-s-OFDM QPSK	1@1	22.83
77	30	80	656000	3840	DFT-s-OFDM QPSK	1@215	22.8
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	108@54	21.83
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	1@1	21.82
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	1@215	21.8
77	30	80	656000	3840	DFT-s-OFDM 64 QAM	108@54	20.41
77	30	80	656000	3840	DFT-s-OFDM 64 QAM	1@1	20.4
77	30	80	656000	3840	DFT-s-OFDM 64 QAM	1@215	20.35
77	30	80	656000	3840	DFT-s-OFDM 256 QAM	108@54	18.36
77	30	80	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.36
77	30	80	656000	3840	DFT-s-OFDM 256 QAM	1@215	18.26
77	30	80	656000	3840	CP-OFDM QPSK	109@54	21.35
77	30	80	656000	3840	CP-OFDM QPSK	1@1	21.51
77	30	80	656000	3840	CP-OFDM QPSK	1@215	21.3
77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	108@54	22.48
77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	1@1	22.74
77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	1@215	22.2
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	108@54	22.44
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@1	22.78
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@215	22.17
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	108@54	21.49
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	1@1	21.78
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	1@215	21.2
77	30	80	662666	3939.99	DFT-s-OFDM 64 QAM	108@54	19.93
77	30	80	662666	3939.99	DFT-s-OFDM 64 QAM	1@1	20.29
77	30	80	662666	3939.99	DFT-s-OFDM 64 QAM	1@215	19.68
77	30	80	662666	3939.99	DFT-s-OFDM 256 QAM	108@54	17.93
77	30	80	662666	3939.99	DFT-s-OFDM 256 QAM	1@1	18.31
77	30	80	662666	3939.99	DFT-s-OFDM 256 QAM	1@215	17.64
77	30	80	662666	3939.99	CP-OFDM QPSK	109@54	21
77	30	80	662666	3939.99	CP-OFDM QPSK	1@1	21.39
77	30	80	662666	3939.99	CP-OFDM QPSK	1@215	20.66



77	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	120@60	22.58
77	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	22.72
77	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@243	22.64
77	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	22.58
77	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	22.69
77	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	22.62
77	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	21.61
77	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	21.76
77	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	21.65
77	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	120@60	20.09
77	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@1	20.32
77	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@243	20.16
77	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	120@60	18.1
77	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@1	18.22
77	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@243	18.07
77	30	90	649668	3745.02	CP-OFDM QPSK	123@61	21.09
77	30	90	649668	3745.02	CP-OFDM QPSK	1@1	21.35
77	30	90	649668	3745.02	CP-OFDM QPSK	1@243	21.2
77	30	90	656000	3840	DFT-s-OFDM PI/2 BPSK	120@60	22.86
77	30	90	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	22.76
77	30	90	656000	3840	DFT-s-OFDM PI/2 BPSK	1@243	22.87
77	30	90	656000	3840	DFT-s-OFDM QPSK	120@60	22.88
77	30	90	656000	3840	DFT-s-OFDM QPSK	1@1	22.79
77	30	90	656000	3840	DFT-s-OFDM QPSK	1@243	22.88
77	30	90	656000	3840	DFT-s-OFDM 16 QAM	120@60	21.83
77	30	90	656000	3840	DFT-s-OFDM 16 QAM	1@1	21.84
77	30	90	656000	3840	DFT-s-OFDM 16 QAM	1@243	21.86
77	30	90	656000	3840	DFT-s-OFDM 64 QAM	120@60	20.34
77	30	90	656000	3840	DFT-s-OFDM 64 QAM	1@1	20.24
77	30	90	656000	3840	DFT-s-OFDM 64 QAM	1@243	20.37
77	30	90	656000	3840	DFT-s-OFDM 256 QAM	120@60	18.38
77	30	90	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.29



77	30	90	656000	3840	DFT-s-OFDM 256 QAM	1@243	18.26
77	30	90	656000	3840	CP-OFDM QPSK	123@61	21.39
77	30	90	656000	3840	CP-OFDM QPSK	1@1	21.4
77	30	90	656000	3840	CP-OFDM QPSK	1@243	21.41
77	30	90	662332	3934.98	DFT-s-OFDM PI/2 BPSK	120@60	22.41
77	30	90	662332	3934.98	DFT-s-OFDM PI/2 BPSK	1@1	22.78
77	30	90	662332	3934.98	DFT-s-OFDM PI/2 BPSK	1@243	22.16
77	30	90	662332	3934.98	DFT-s-OFDM QPSK	120@60	22.49
77	30	90	662332	3934.98	DFT-s-OFDM QPSK	1@1	22.78
77	30	90	662332	3934.98	DFT-s-OFDM QPSK	1@243	22.18
77	30	90	662332	3934.98	DFT-s-OFDM 16 QAM	120@60	21.47
77	30	90	662332	3934.98	DFT-s-OFDM 16 QAM	1@1	21.85
77	30	90	662332	3934.98	DFT-s-OFDM 16 QAM	1@243	21.13
77	30	90	662332	3934.98	DFT-s-OFDM 64 QAM	120@60	19.95
77	30	90	662332	3934.98	DFT-s-OFDM 64 QAM	1@1	20.26
77	30	90	662332	3934.98	DFT-s-OFDM 64 QAM	1@243	19.62
77	30	90	662332	3934.98	DFT-s-OFDM 256 QAM	120@60	17.93
77	30	90	662332	3934.98	DFT-s-OFDM 256 QAM	1@1	18.21
77	30	90	662332	3934.98	DFT-s-OFDM 256 QAM	1@243	17.51
77	30	90	662332	3934.98	CP-OFDM QPSK	123@61	20.97
77	30	90	662332	3934.98	CP-OFDM QPSK	1@1	21.38
77	30	90	662332	3934.98	CP-OFDM QPSK	1@243	20.67
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	22.63
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	22.72
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	22.72
77	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	22.61
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	22.74
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	22.74
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	21.6
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	21.79
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	21.8
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	20.12



77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	20.24
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	20.28
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	18.11
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	18.17
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	18.28
77	30	100	650000	3750	CP-OFDM QPSK	137@68	21.11
77	30	100	650000	3750	CP-OFDM QPSK	1@1	21.34
77	30	100	650000	3750	CP-OFDM QPSK	1@271	21.32
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	135@67	22.87
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	22.74
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@271	22.92
77	30	100	656000	3840	DFT-s-OFDM QPSK	135@67	22.87
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@1	22.76
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@271	22.94
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	135@67	21.93
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@1	21.78
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@271	22.06
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	135@67	20.4
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@1	20.32
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@271	20.39
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	135@67	18.34
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@1	18.18
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@271	18.4
77	30	100	656000	3840	CP-OFDM QPSK	137@68	21.37
77	30	100	656000	3840	CP-OFDM QPSK	1@1	21.32
77	30	100	656000	3840	CP-OFDM QPSK	1@271	21.49
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	135@67	22.54
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@1	22.78
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@271	22.16
77	30	100	662000	3930	DFT-s-OFDM QPSK	135@67	22.48
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@1	22.8
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@271	22.18



77	30	100	662000	3930	DFT-s-OFDM 16 QAM	135@67	21.45
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@1	21.81
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@271	21.22
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	135@67	20.06
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@1	20.31
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@271	19.63
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	135@67	18.01
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@1	18.25
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@271	17.67
77	30	100	662000	3930	CP-OFDM QPSK	137@68	21.06
77	30	100	662000	3930	CP-OFDM QPSK	1@1	21.31
77	30	100	662000	3930	CP-OFDM QPSK	1@271	20.75



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0378	PASS	NV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0681	PASS	LV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0392	PASS	HV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0259	PASS	-30°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0612	PASS	-20°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0382	PASS	-10°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0417	PASS	0°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0344	PASS	10°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0572	PASS	20°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0242	PASS	30°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0033	PASS	40°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	0.0233	PASS	50°C



Peak to Average Ratio

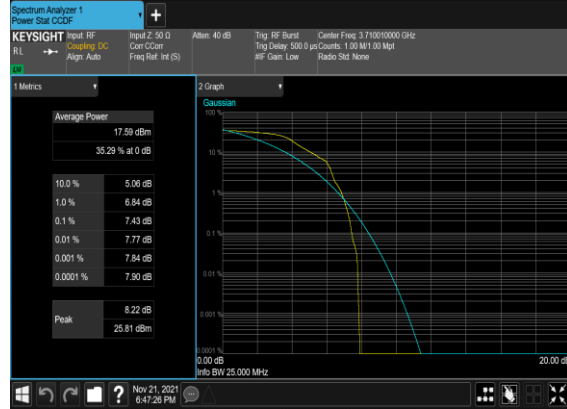
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	50@0	7.28	13	PASS
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@0	7.43	13	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	8.36	13	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	8.68	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	50@0	7.25	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@0	7.06	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	8.42	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	9.29	13	PASS
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	50@0	7.2	13	PASS
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@0	6.82	13	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	50@0	8.2	13	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	8.52	13	PASS



B5_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



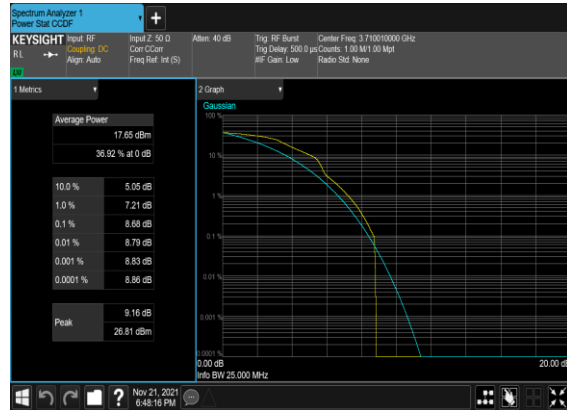
B5_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

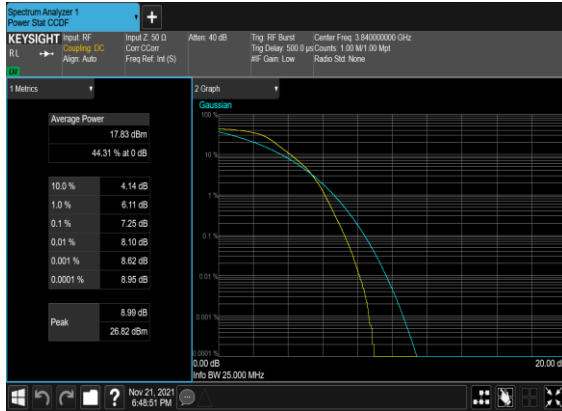


B5_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

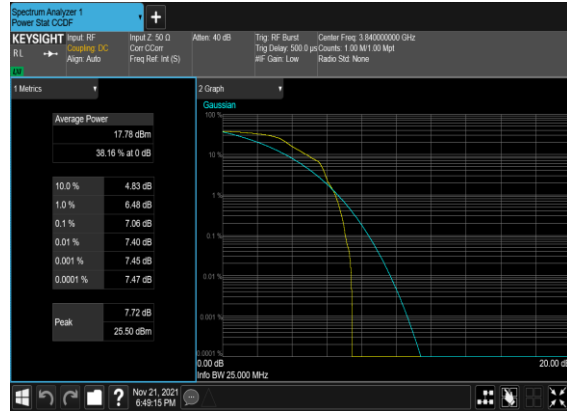




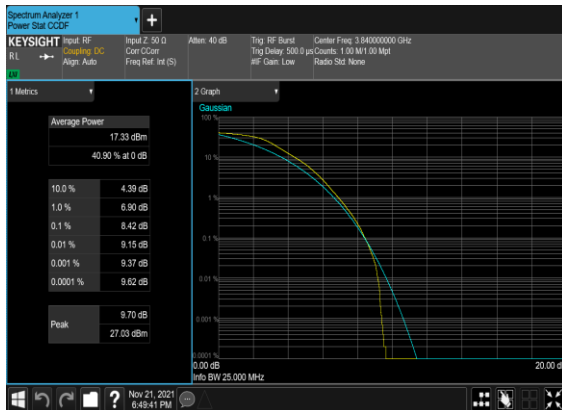
B5_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



B5_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

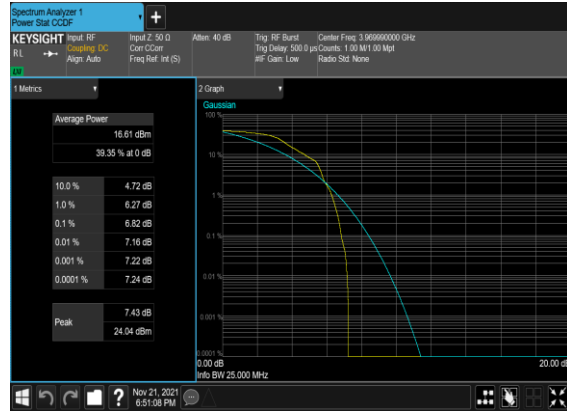




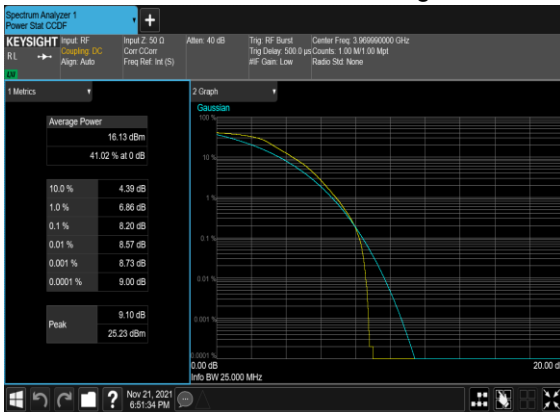
B5_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



B5_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH





Occupied Bandwidth

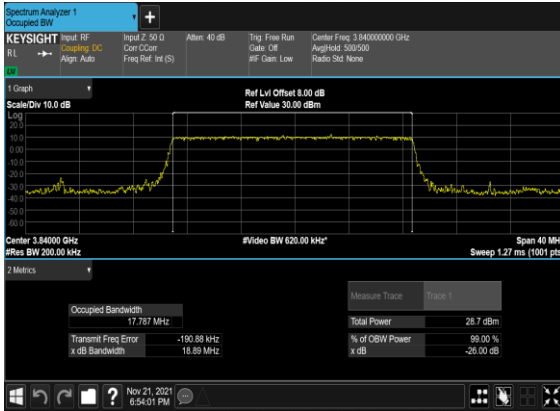
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	50@0	17.787	18.89
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	17.823	18.98
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.204	19.55
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	18.182	19.23
77	30	20	656000	3840.0	CP-OFDM 64 QAM	51@0	18.216	19.38
77	30	20	656000	3840.0	CP-OFDM 256 QAM	51@0	18.19	19.51
77	30	30	656000	3840.0	DFT-s-OFDM PI/2 BPSK	75@0	26.708	27.99
77	30	30	656000	3840.0	DFT-s-OFDM QPSK	75@0	26.775	28.09
77	30	30	656000	3840.0	CP-OFDM QPSK	78@0	27.868	29.29
77	30	30	656000	3840.0	CP-OFDM 16 QAM	78@0	27.8	29.12
77	30	30	656000	3840.0	CP-OFDM 64 QAM	78@0	27.812	29.07
77	30	30	656000	3840.0	CP-OFDM 256 QAM	78@0	27.853	29.18
77	30	40	656000	3840.0	DFT-s-OFDM PI/2 BPSK	100@0	35.722	37.24
77	30	40	656000	3840.0	DFT-s-OFDM QPSK	100@0	35.753	37.36
77	30	40	656000	3840.0	CP-OFDM QPSK	106@0	37.87	39.43
77	30	40	656000	3840.0	CP-OFDM 16 QAM	106@0	37.803	39.44
77	30	40	656000	3840.0	CP-OFDM 64 QAM	106@0	37.866	39.26
77	30	40	656000	3840.0	CP-OFDM 256 QAM	106@0	37.923	39.25
77	30	50	656000	3840.0	DFT-s-OFDM PI/2 BPSK	128@0	45.765	47.58
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	128@0	45.732	47.46
77	30	50	656000	3840.0	CP-OFDM QPSK	133@0	47.498	49.21
77	30	50	656000	3840.0	CP-OFDM 16 QAM	133@0	47.498	49.13
77	30	50	656000	3840.0	CP-OFDM 64 QAM	133@0	47.383	49.34
77	30	50	656000	3840.0	CP-OFDM 256 QAM	133@0	47.454	49.3
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	57.906	59.98
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	162@0	57.896	59.93
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.881	59.97
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.941	59.91
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.888	59.8



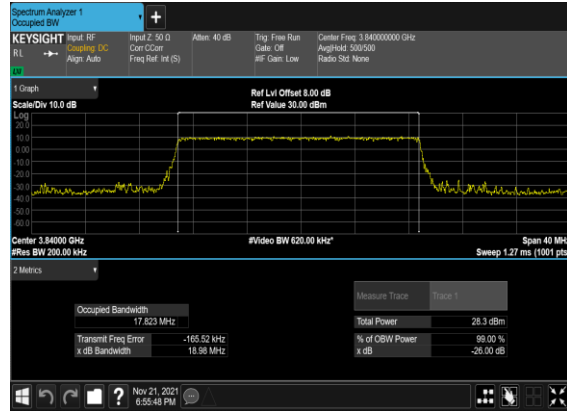
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.821	60.0
77	30	70	656000	3840.0	DFT-s-OFDM PI/2 BPSK	180@0	64.305	66.36
77	30	70	656000	3840.0	DFT-s-OFDM QPSK	180@0	64.342	66.44
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.489	69.7
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.485	69.67
77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.454	69.57
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.57	69.83
77	30	80	656000	3840.0	DFT-s-OFDM PI/2 BPSK	216@0	77.157	79.74
77	30	80	656000	3840.0	DFT-s-OFDM QPSK	216@0	77.135	79.64
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.53	80.09
77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.628	80.02
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.438	80.15
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.526	80.1
77	30	90	656000	3840.0	DFT-s-OFDM PI/2 BPSK	240@0	85.722	88.6
77	30	90	656000	3840.0	DFT-s-OFDM QPSK	240@0	85.765	88.48
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.461	90.4
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.632	90.21
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.464	90.43
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.626	90.27
77	30	100	656000	3840.0	DFT-s-OFDM PI/2 BPSK	270@0	96.495	99.34
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	96.343	99.33
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.481	100.6
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.533	100.6
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.536	100.7
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.559	100.6



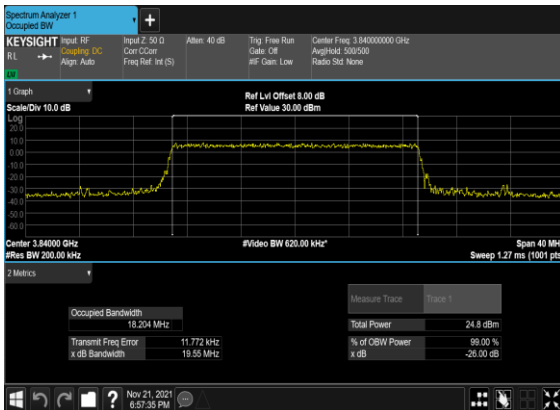
B5_N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



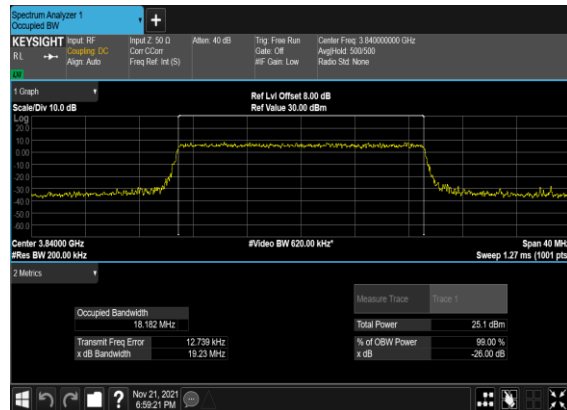
B5_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B5_N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

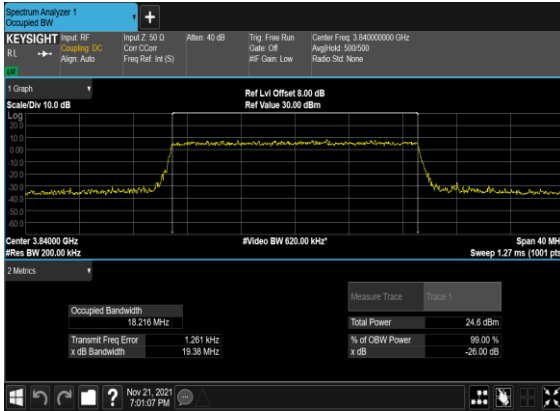


B5_N77(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

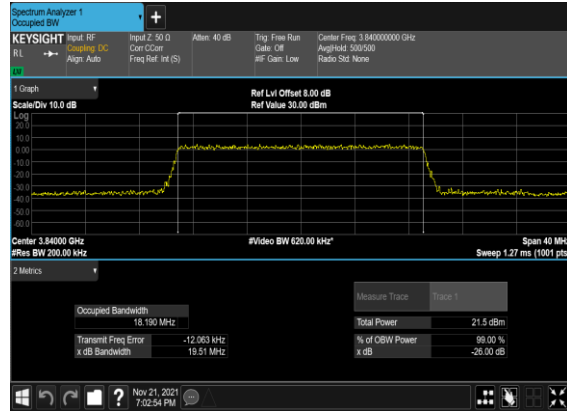




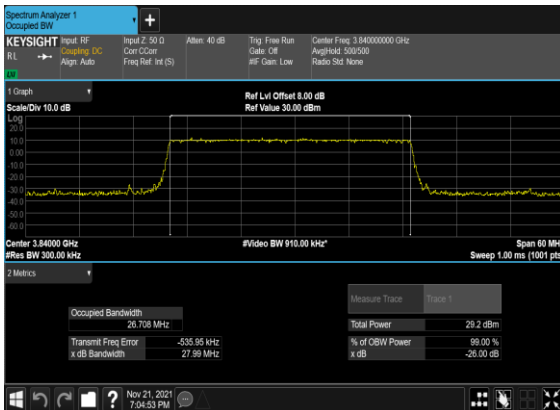
B5_N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



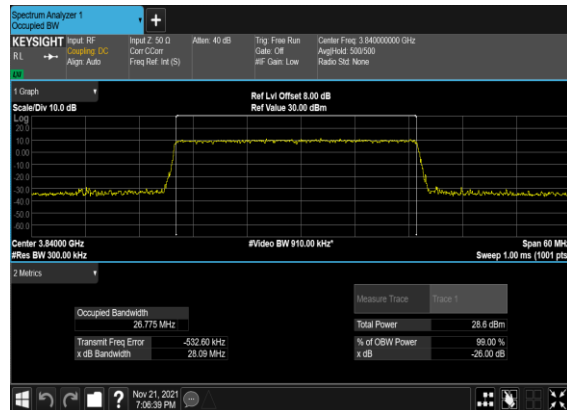
B5_N77(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



B5_N77(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

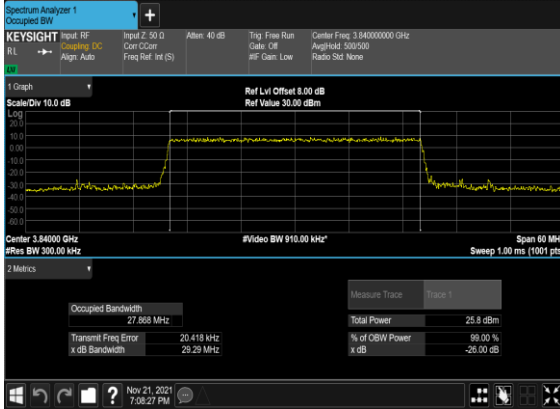


B5_N77(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

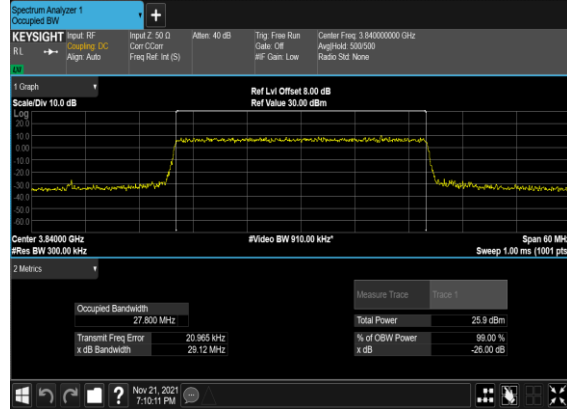




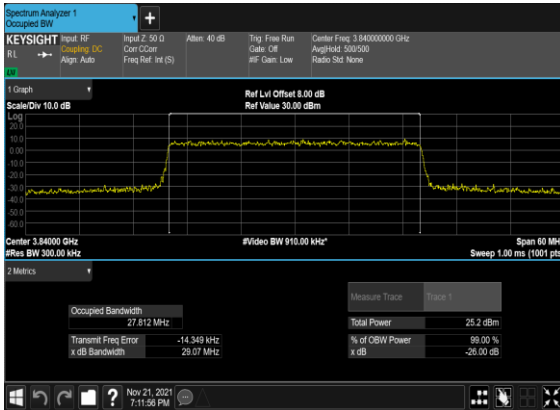
B5_N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



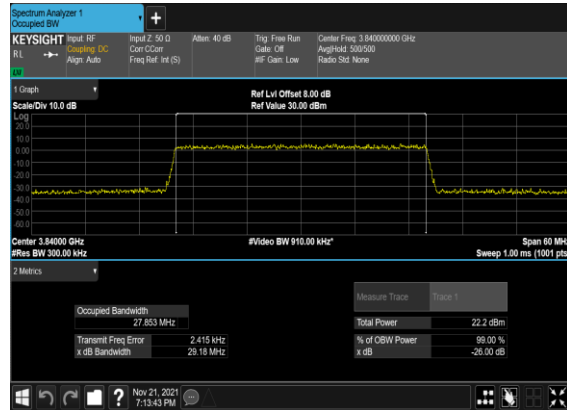
B5_N77(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B5_N77(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

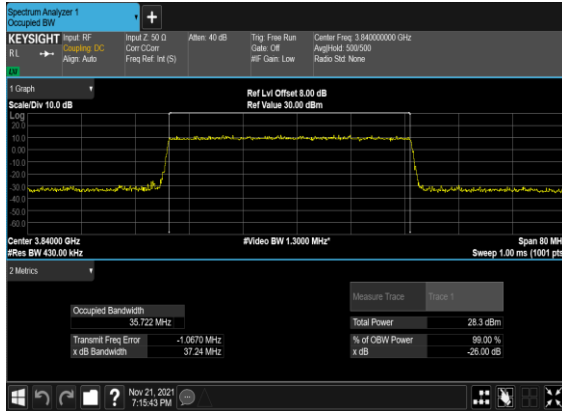


B5_N77(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

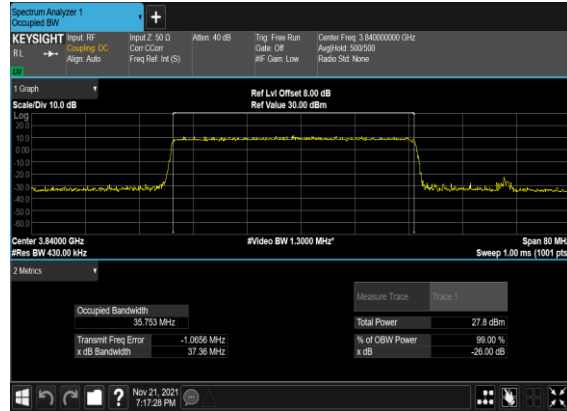




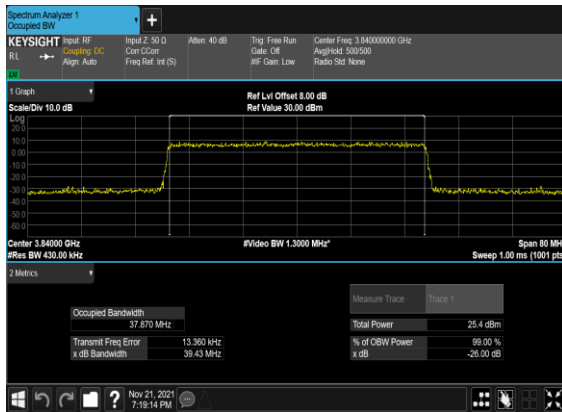
B5_N77(40M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



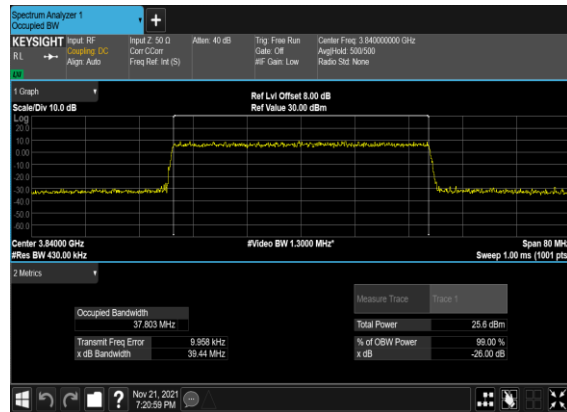
B5_N77(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



B5_N77(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH

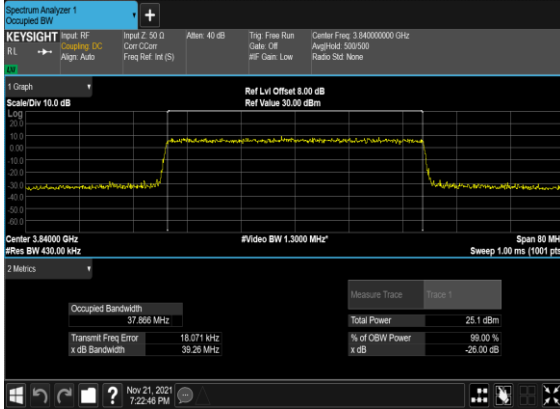


B5_N77(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH

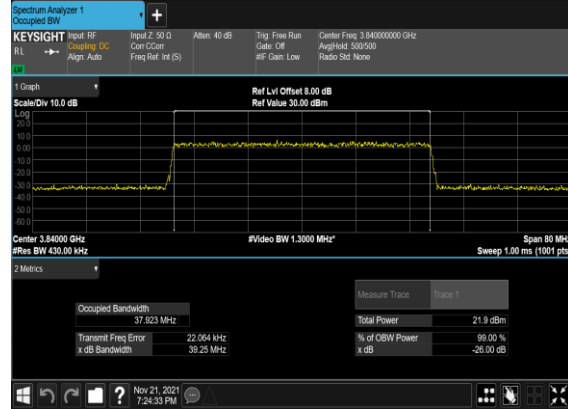




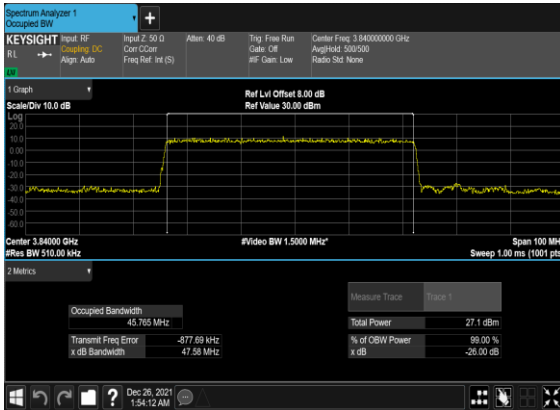
B5_N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



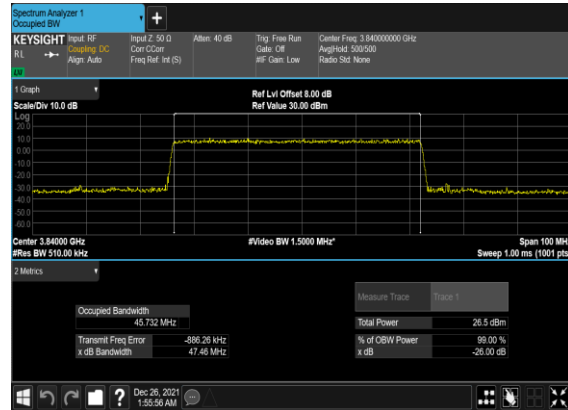
B5_N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



B5_N77(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

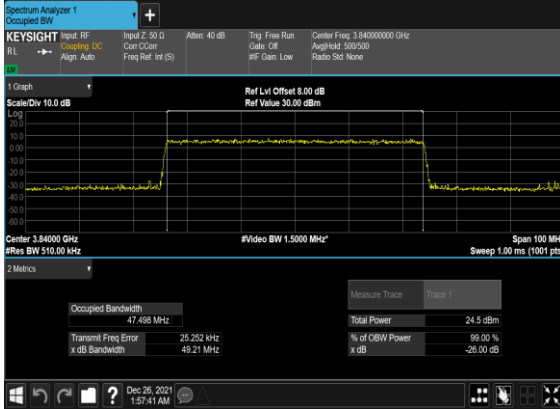


B5_N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

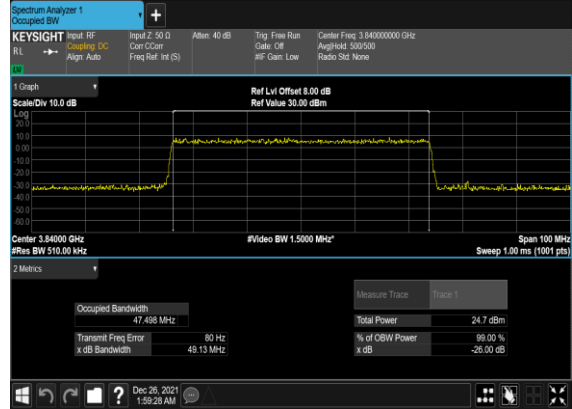




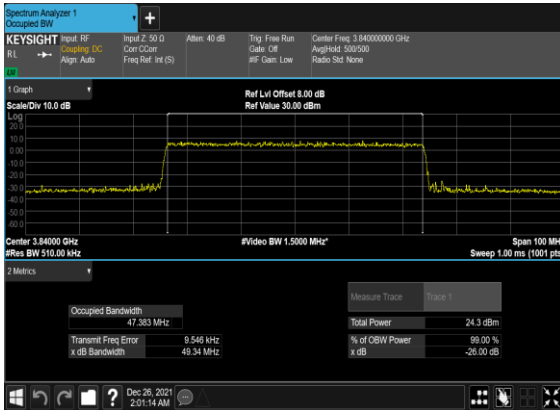
B5_N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



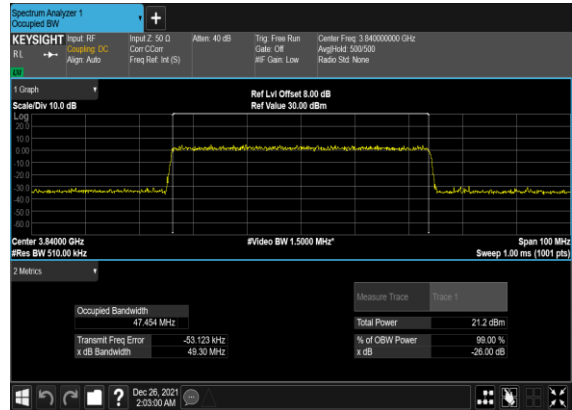
B5_N77(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B5_N77(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

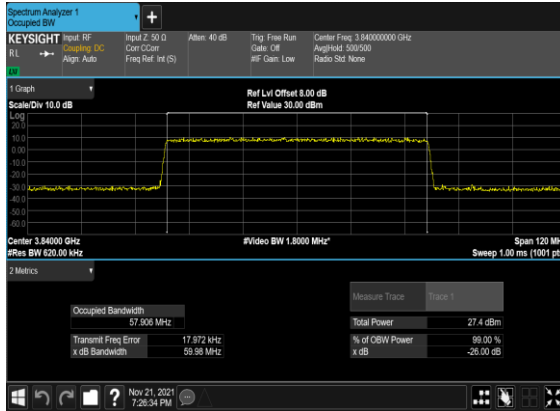


B5_N77(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH





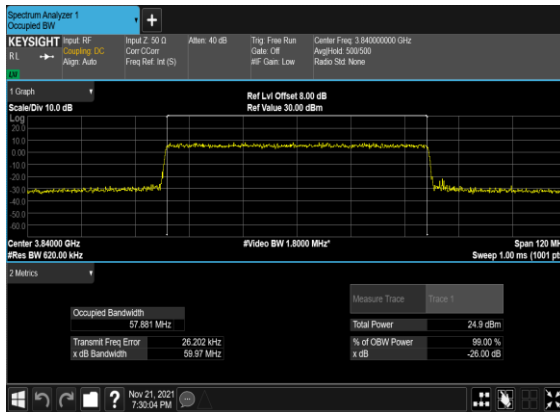
B5_N77(60M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



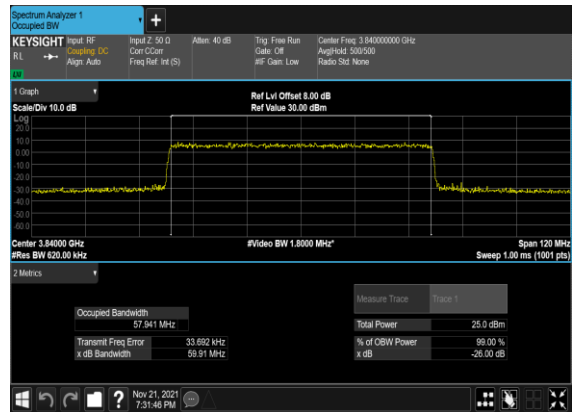
B5_N77(60M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



B5_N77(60M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH

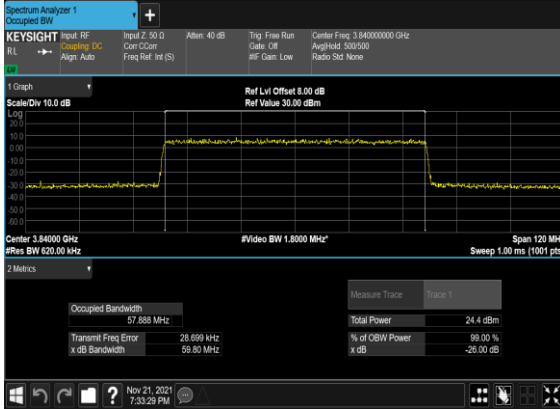


B5_N77(60M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH

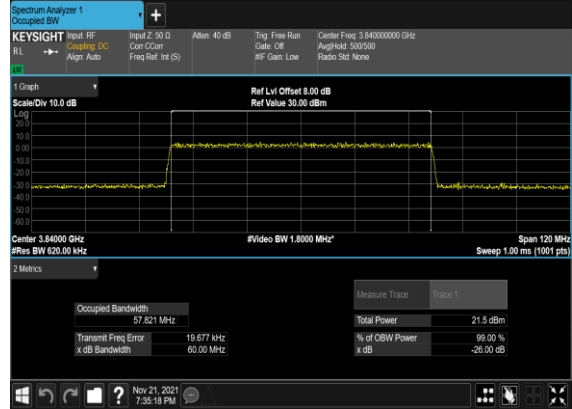




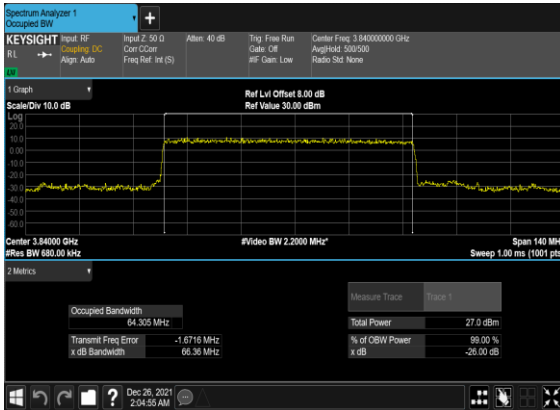
B5_N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



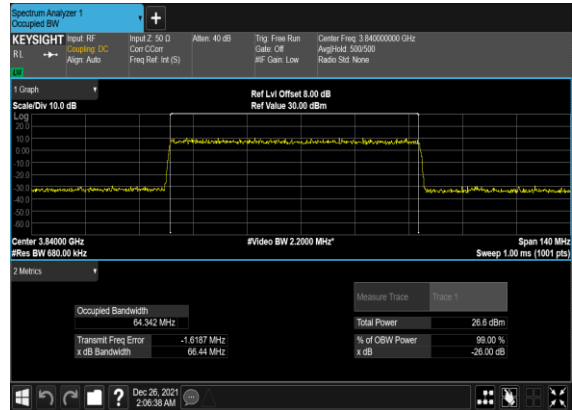
B5_N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



B5_N77(70M)_DFT-s-OFDM_PI-2-BPSK_Outer_Full_Mid_CH

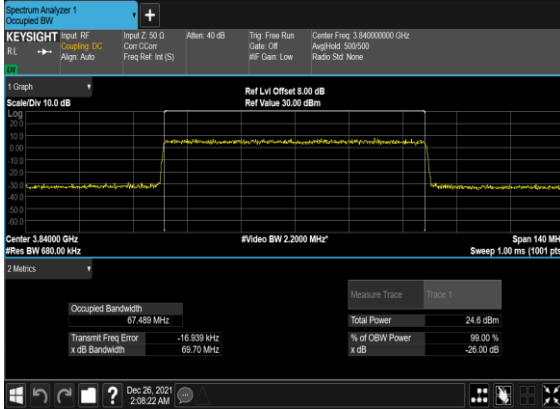


B5_N77(70M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

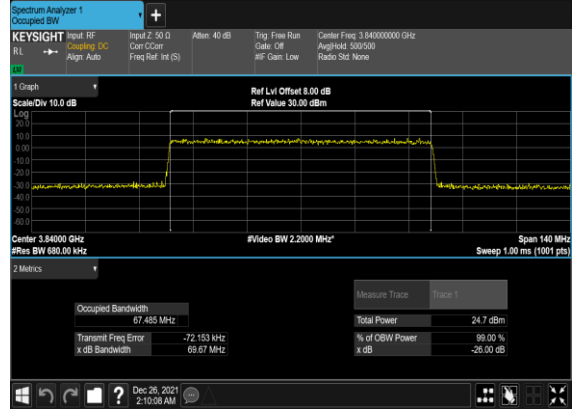




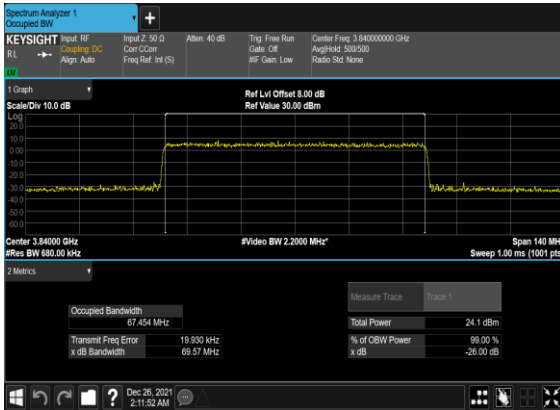
B5_N77(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



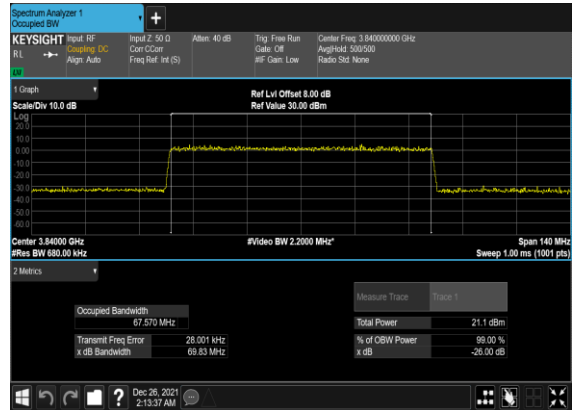
B5_N77(70M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B5_N77(70M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

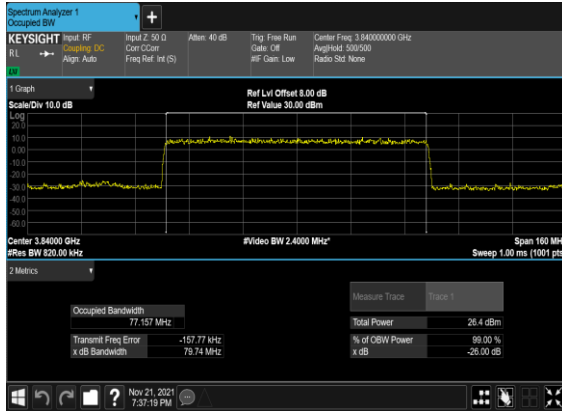


B5_N77(70M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

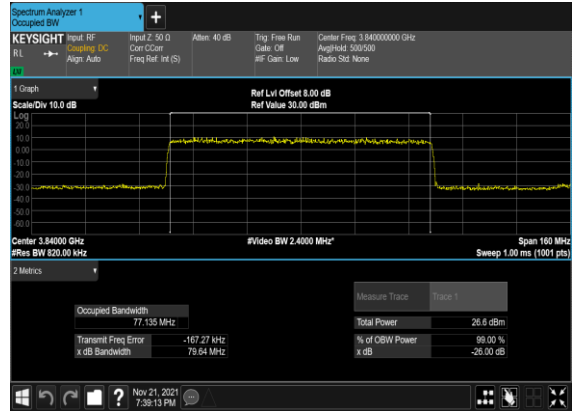




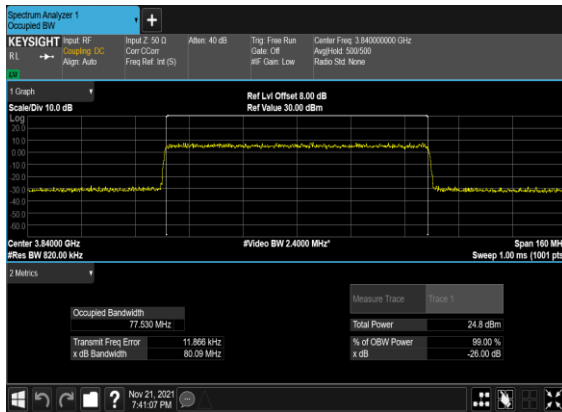
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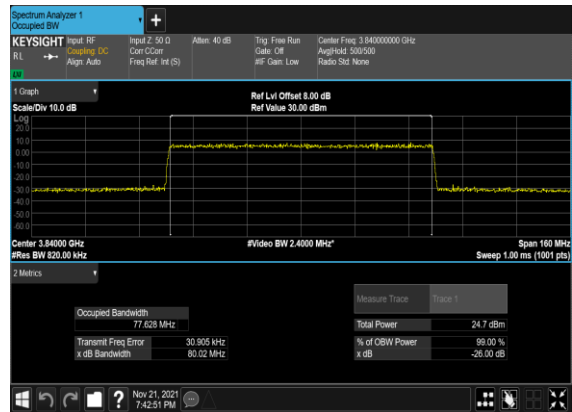
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B5_N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

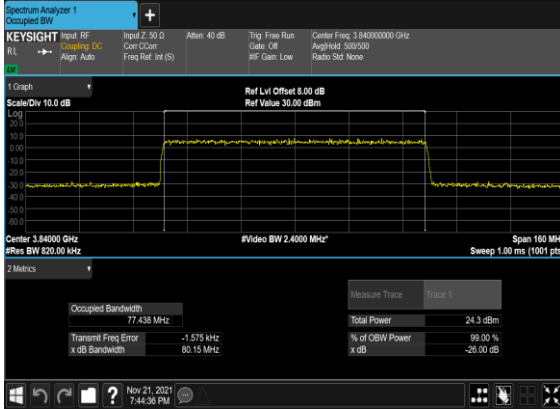


B5_N77(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

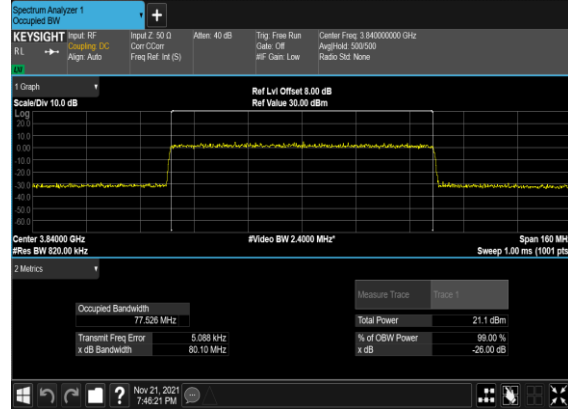




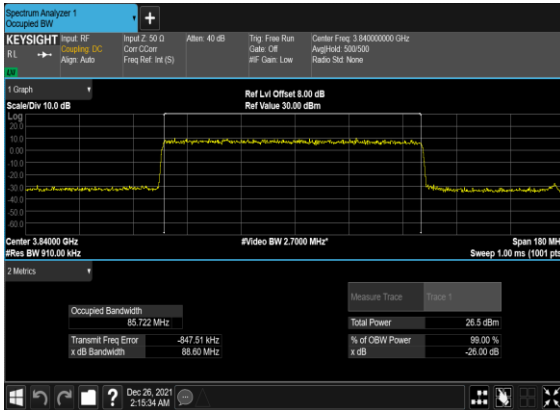
B5_N77(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



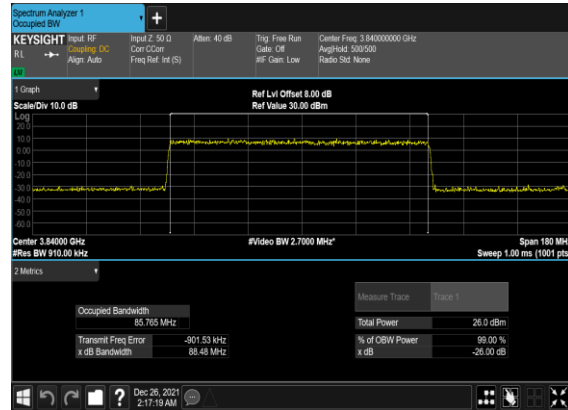
B5_N77(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



B5_N77(90M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

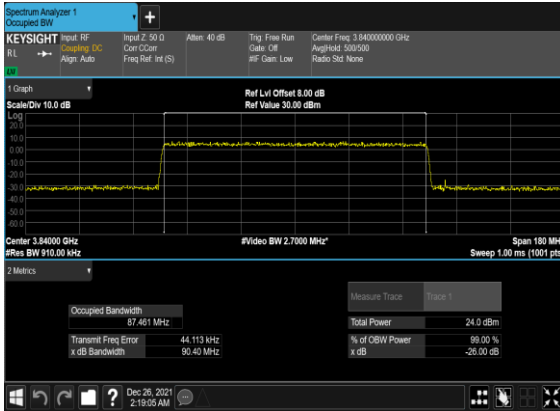


B5_N77(90M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH





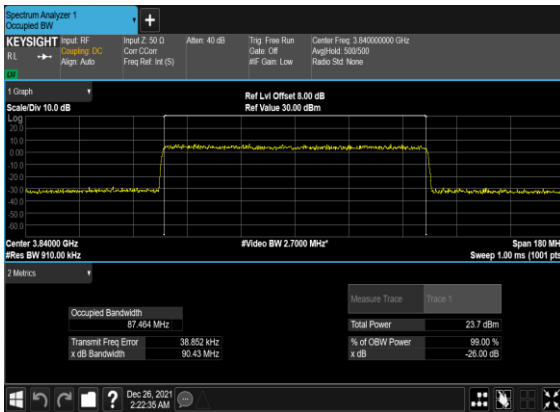
B5_N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



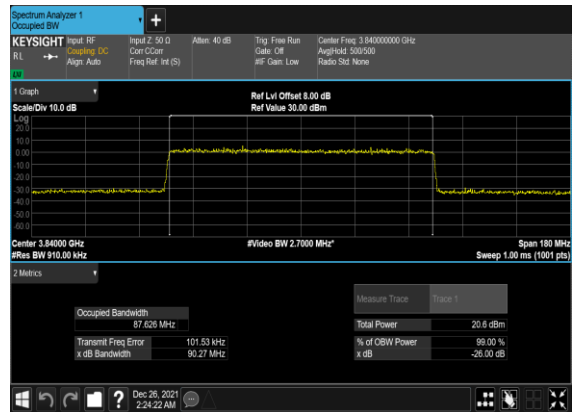
B5_N77(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B5_N77(90M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



B5_N77(90M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





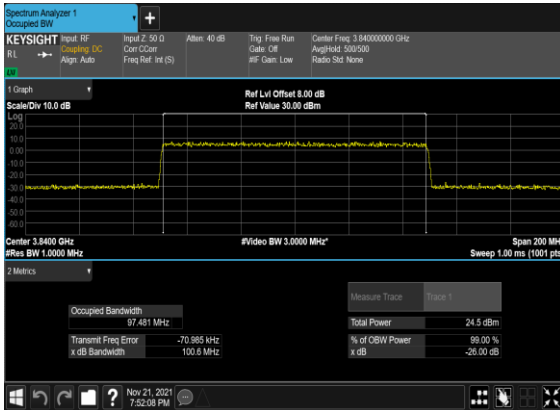
B5_N77(100M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



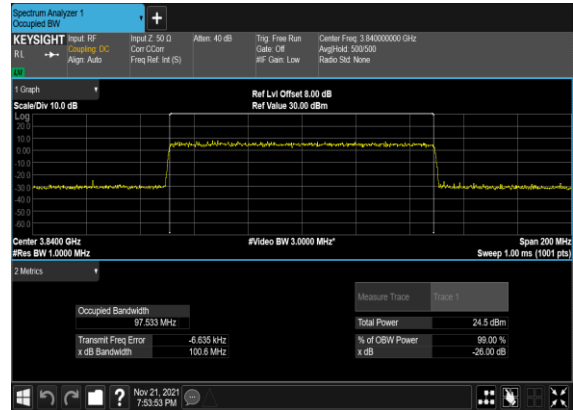
B5_N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



B5_N77(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH

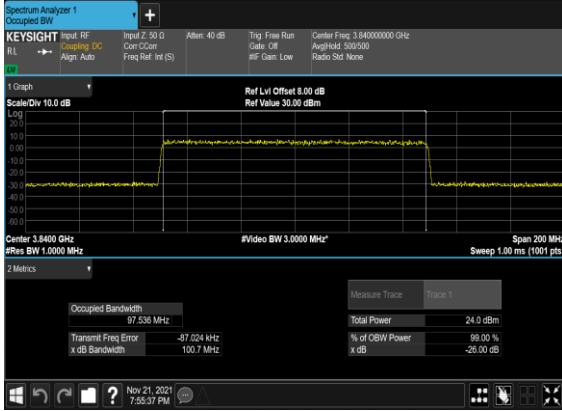


B5_N77(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH

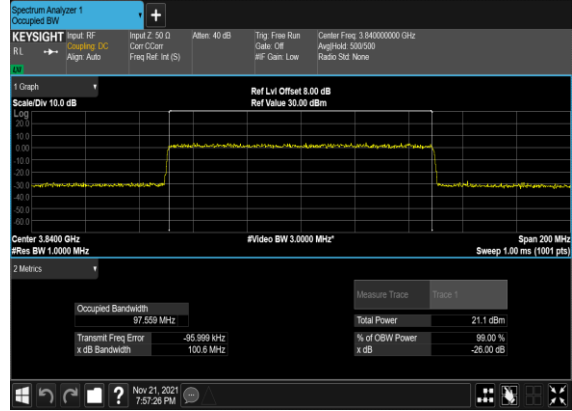




B5_N77(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B5_N77(100M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

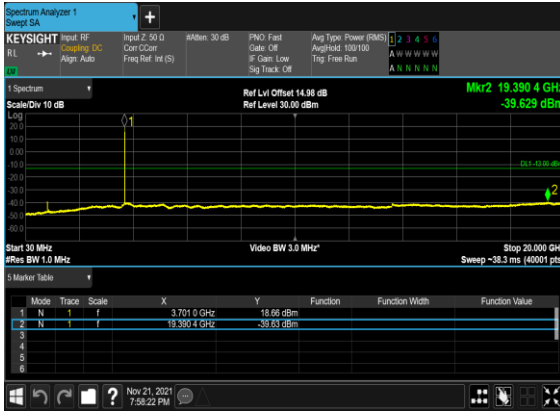
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



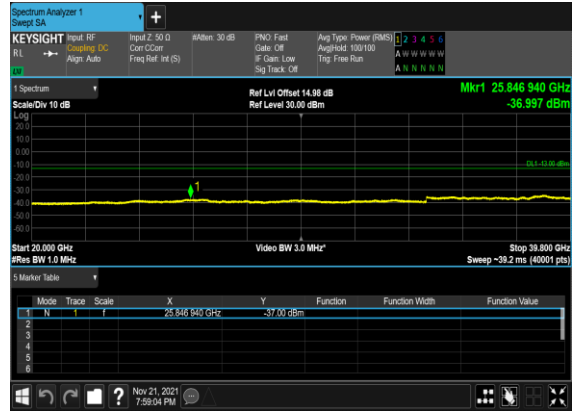
QPSK									
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	---	
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	PASS	
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	PASS	
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	---	
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	PASS	
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	PASS	
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---	
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS	
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS	
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---	
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS	
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS	
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---	
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS	
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS	
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---	
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS	
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS	
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	---	
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	PASS	
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	PASS	
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	---	
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	PASS	
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	PASS	



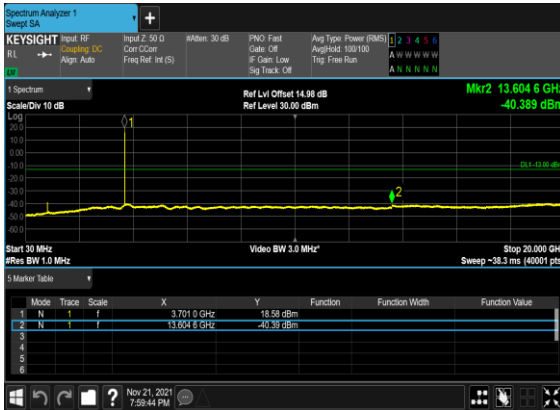
B5_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



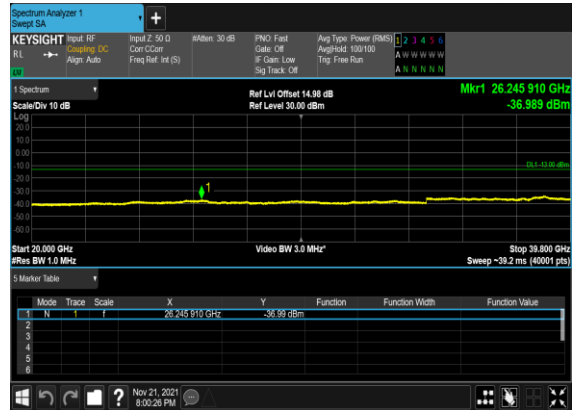
B5_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

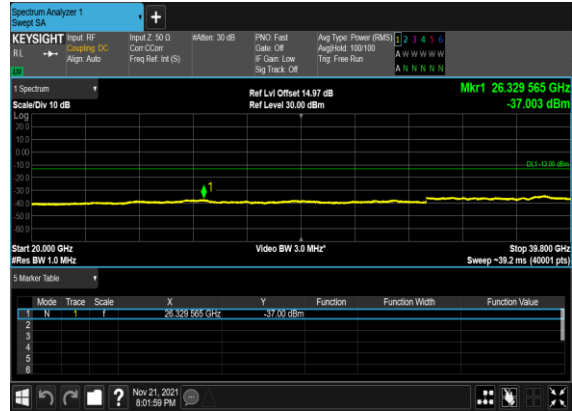




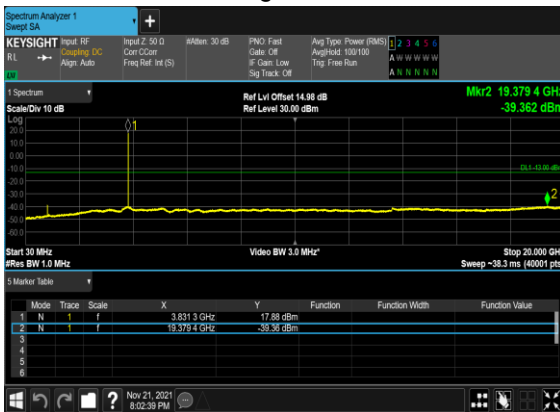
B5_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



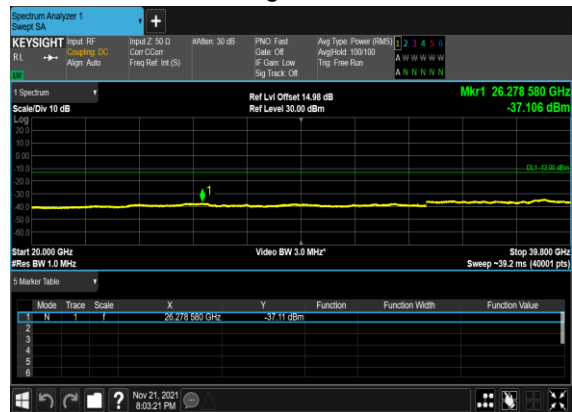
B5_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

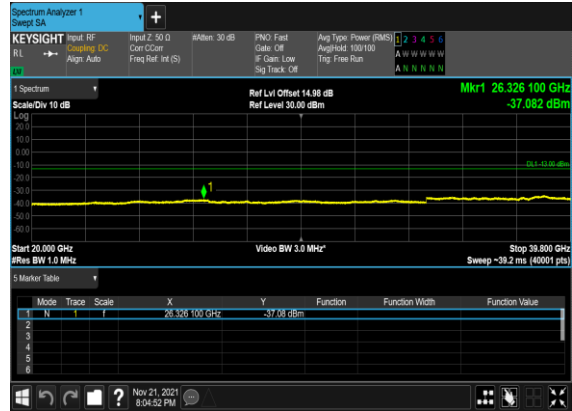




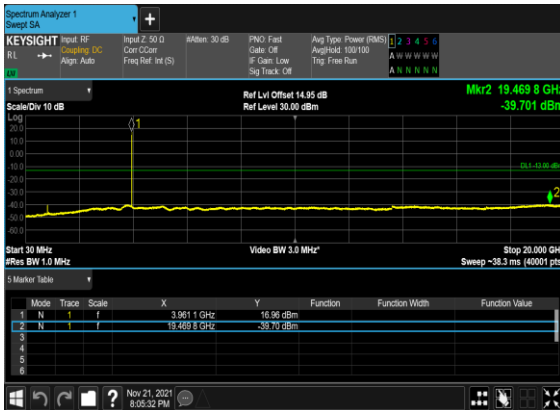
B5_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



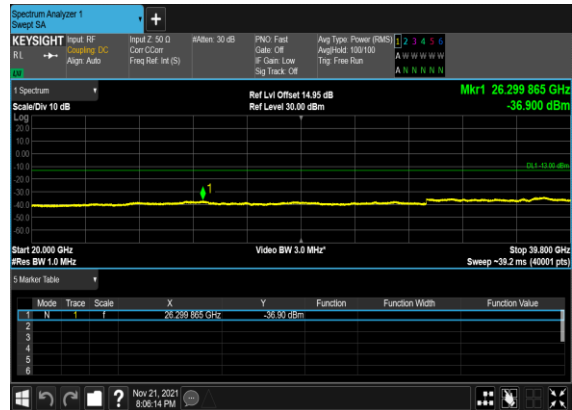
B5_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

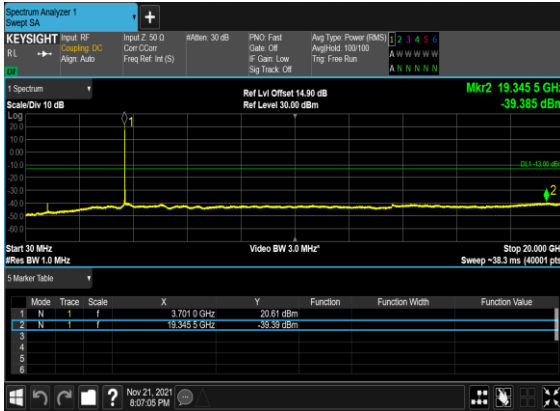


B5_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

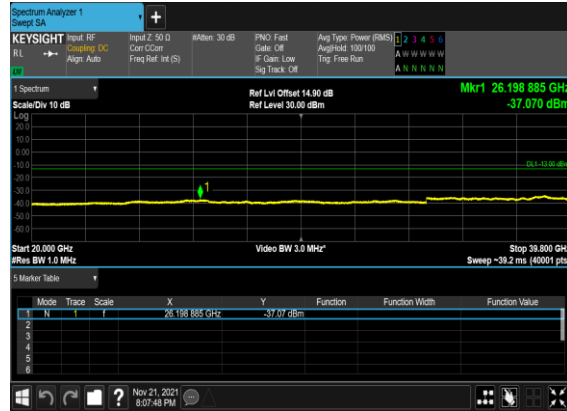




B5_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



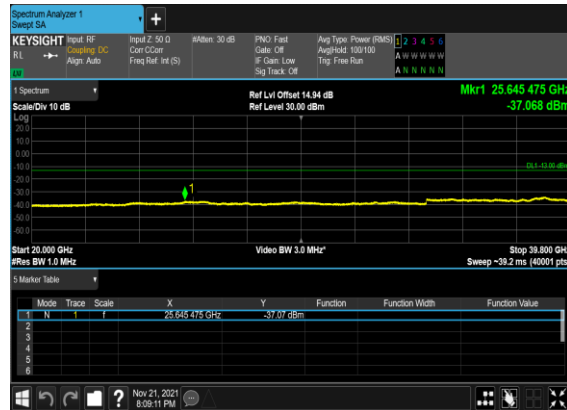
B5_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B5_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

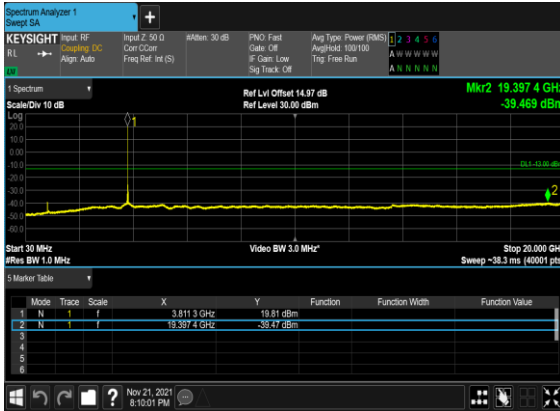


B5_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

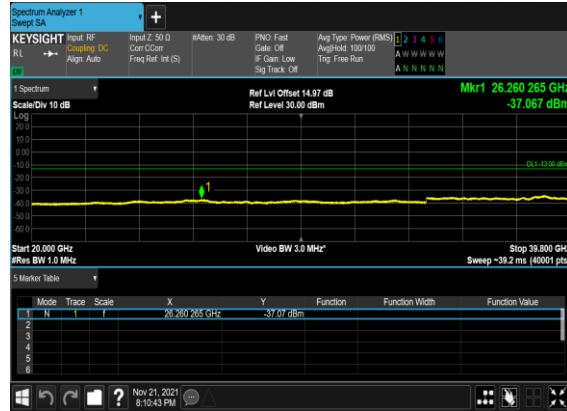




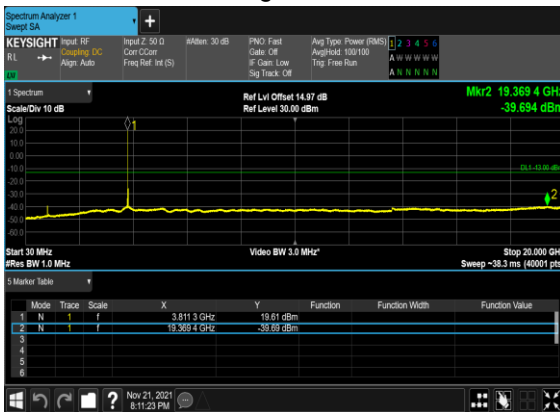
B5_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



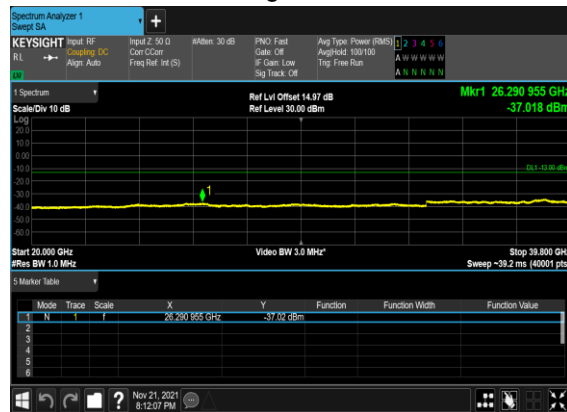
B5_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B5_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

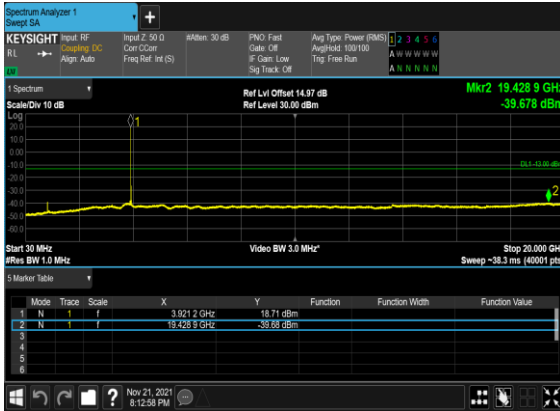


B5_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

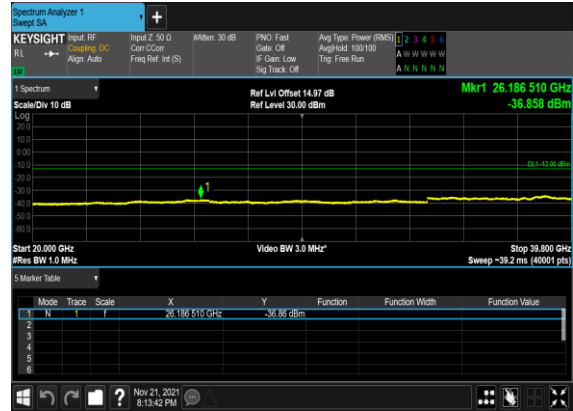




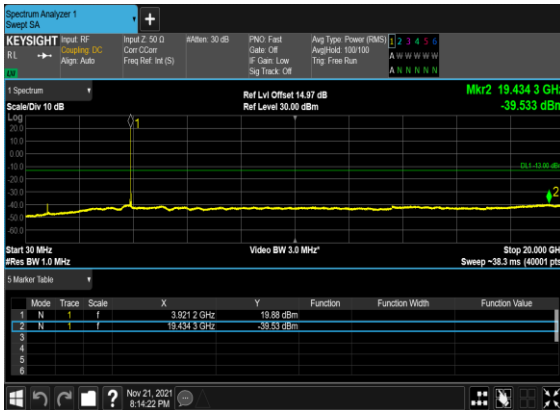
B5_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B5_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B5_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B5_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

