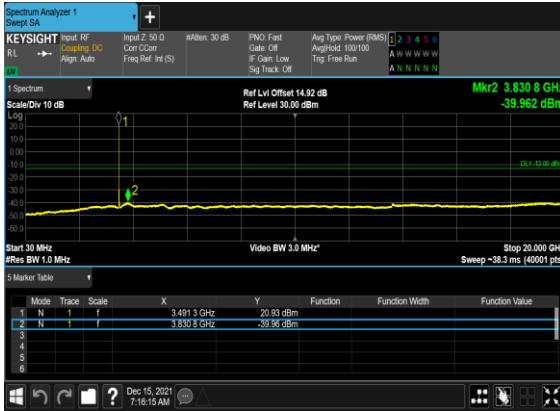
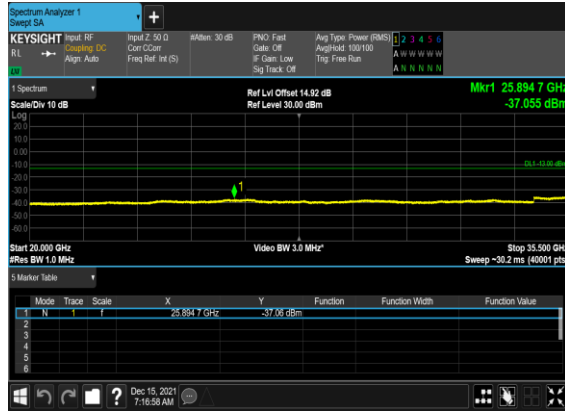


### N77(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



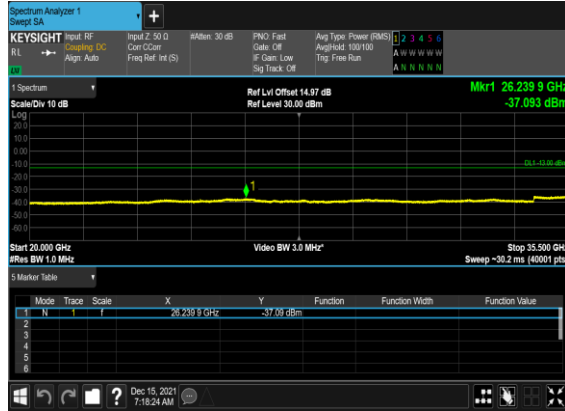
### N77(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



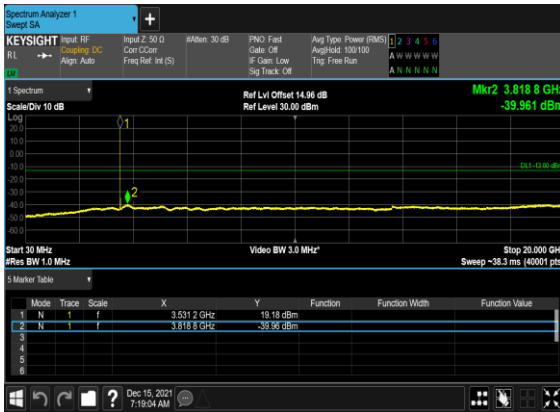
### N77(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



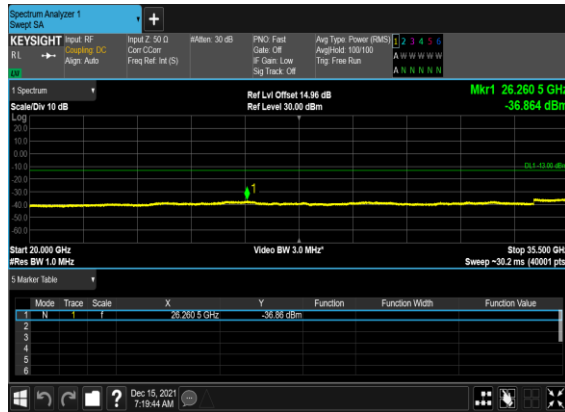
### N77(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



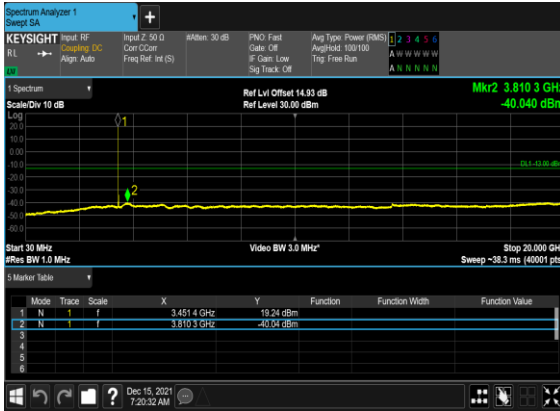
### N77(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



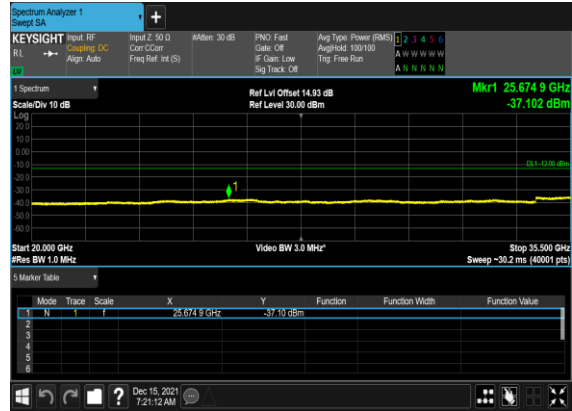
### N77(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



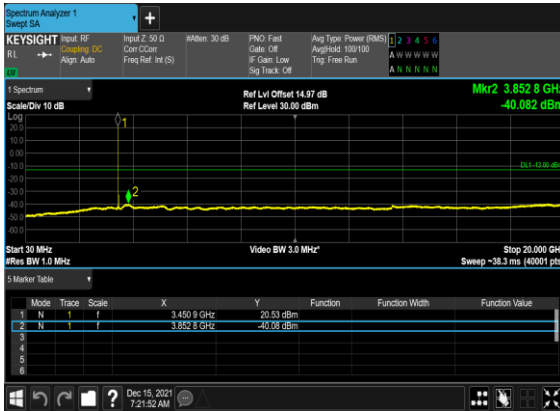
### N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



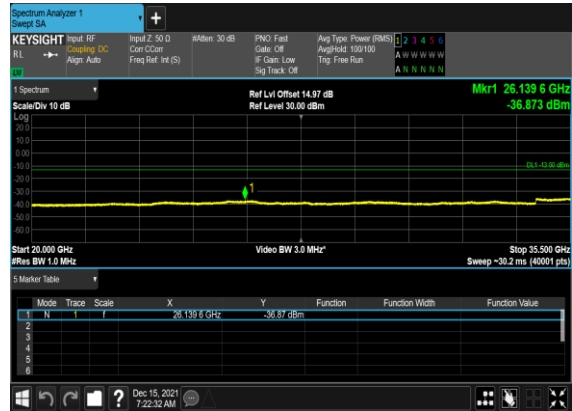
### N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



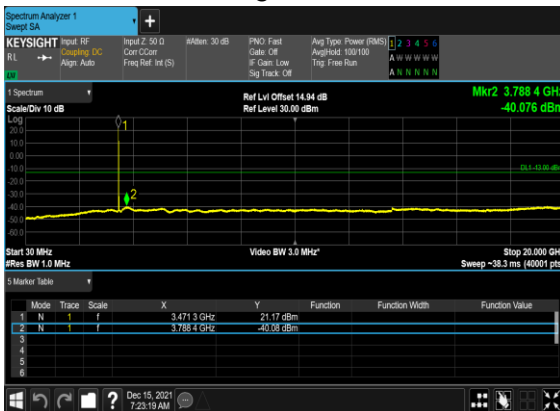
### N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



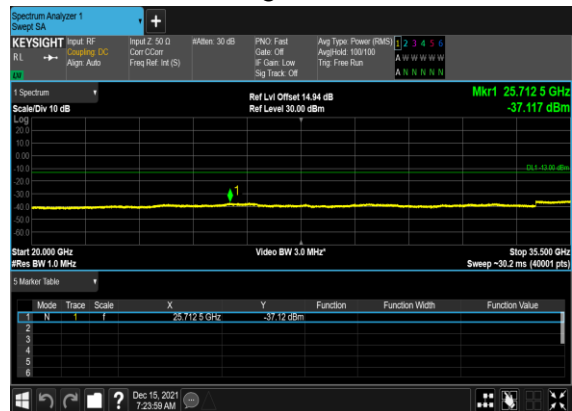
### N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



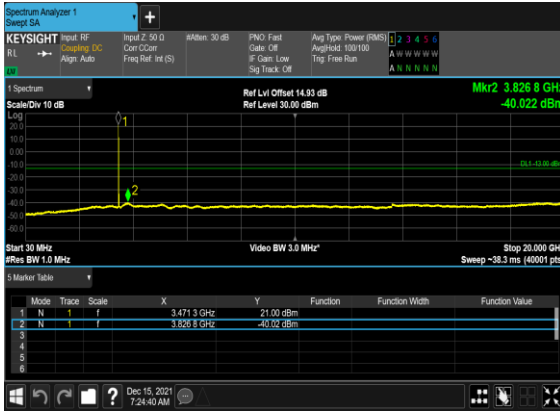
### N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



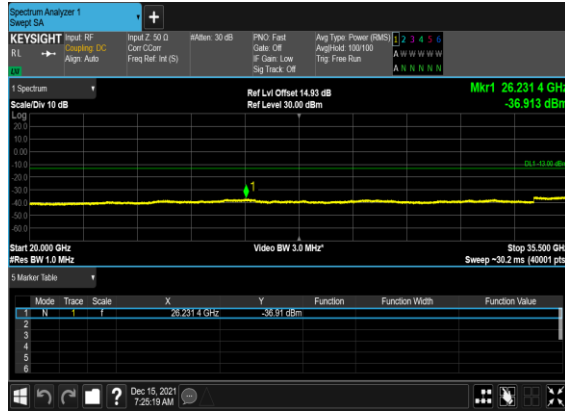
### N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



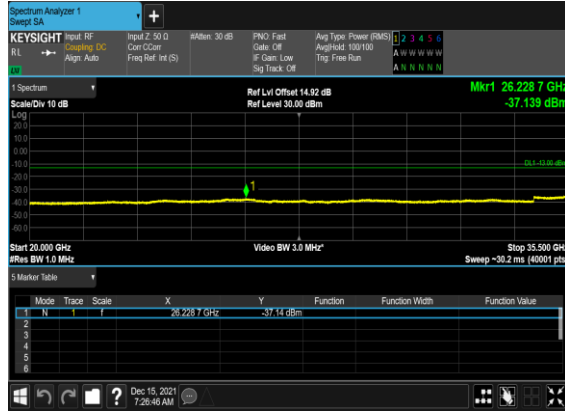
### N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



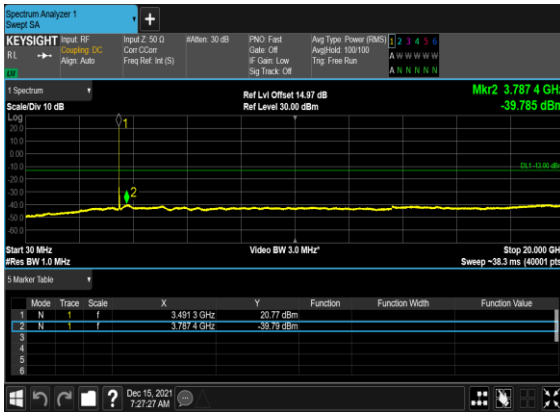
### N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



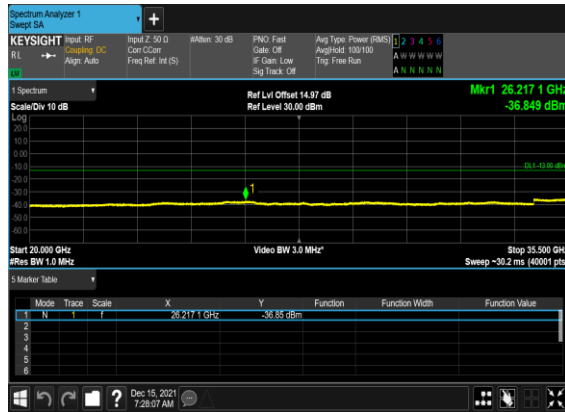
### N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



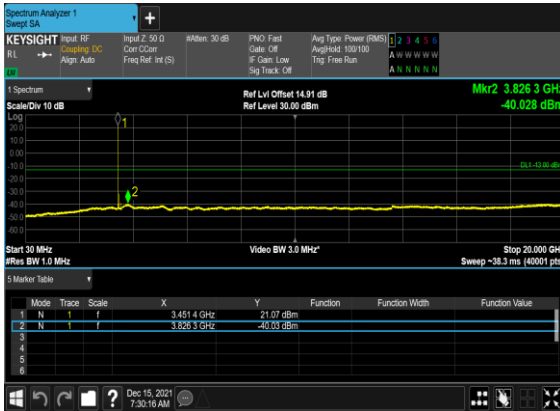
### N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



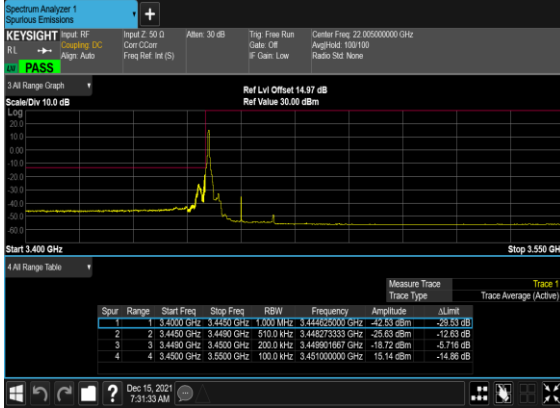
### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



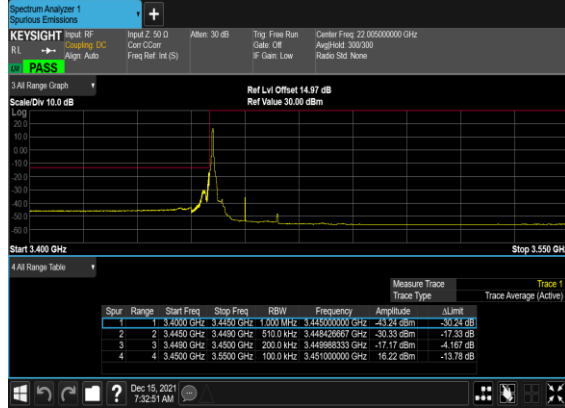
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	630668	3460.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	630668	3460.02	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	30	20	630668	3460.02	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	30	20	636000	3540.0	DFT-s-OFDM BPSK	1@50	see graph	PASS
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	1@50	see graph	PASS
77	30	20	636000	3540.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	30	20	636000	3540.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	632000	3480.0	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@161	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@161	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	634666	3519.99	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	see graph	PASS

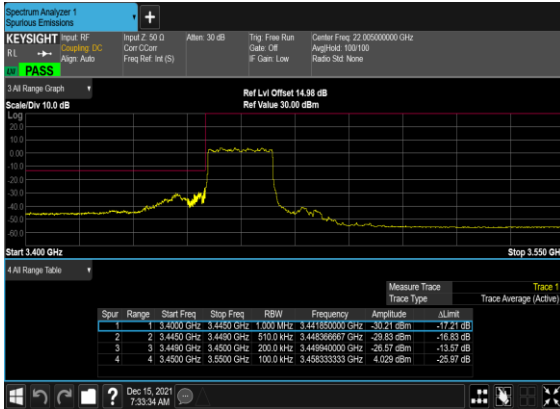
N77(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



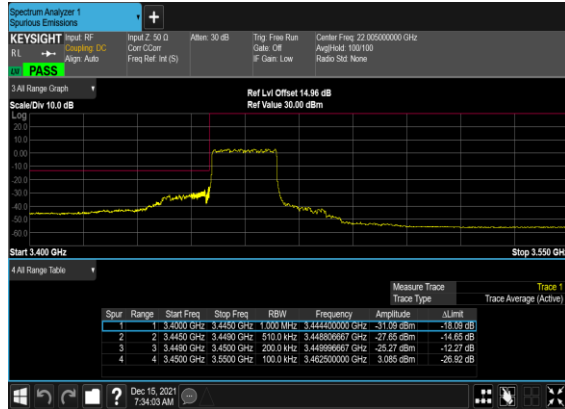
N77(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



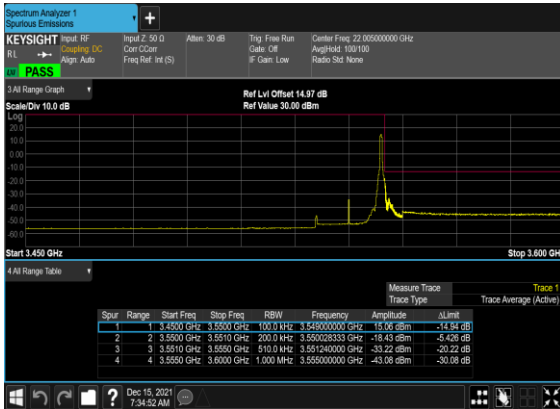
N77(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



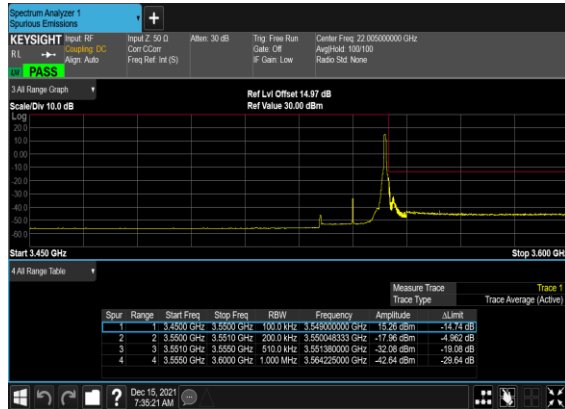
N77(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



N77(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N77(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



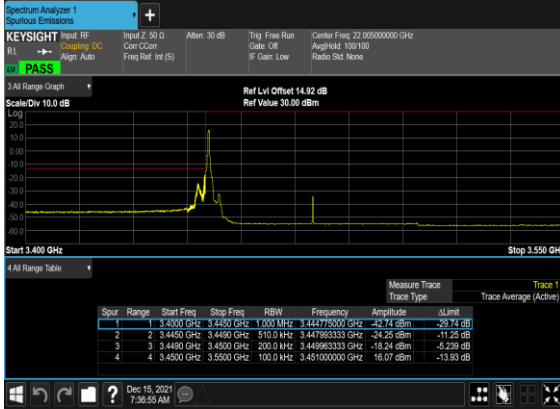
N77(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



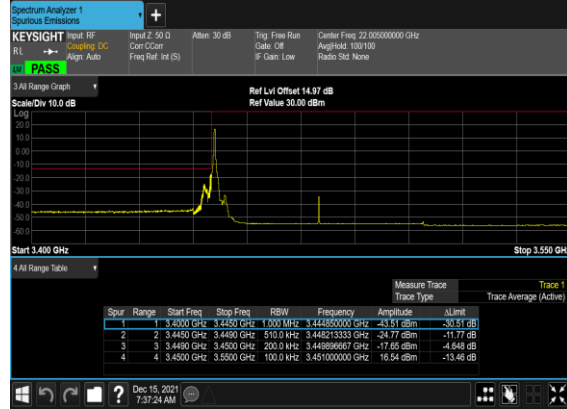
N77(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



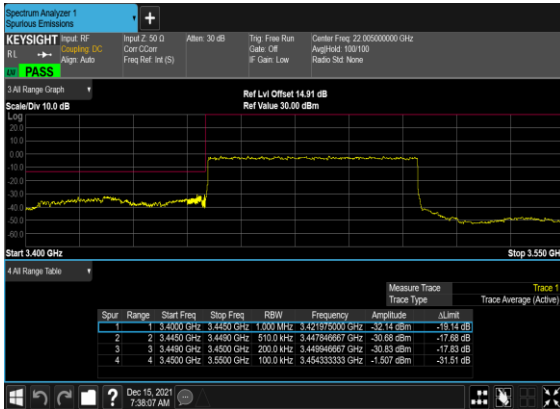
N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



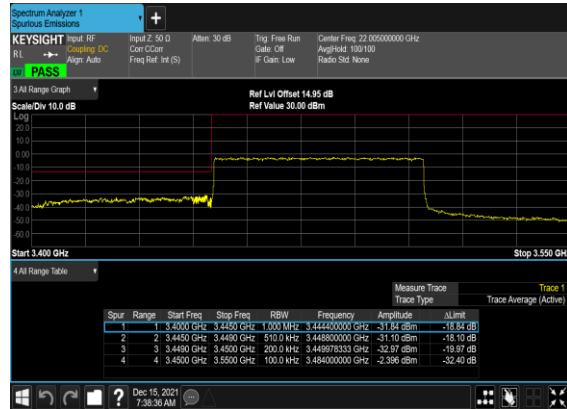
N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N77(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



N77(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



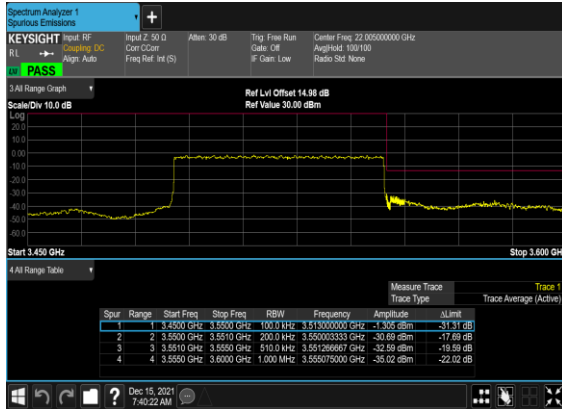
### N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



### N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### N77(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



### N77(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



### N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



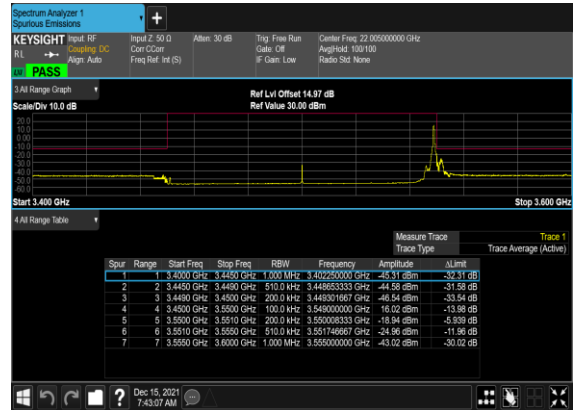
### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



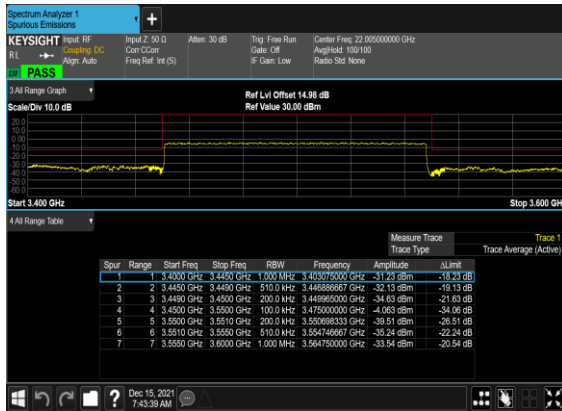
### N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



### N77(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Mid\_CH



### N77(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



# FR1 N78(ANT2)

## Conducted Power

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	25@12	23.09
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@1	23.13
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@49	23.17
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	25@12	23.11
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	23.18
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@49	23.13
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	25@12	22.13
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	22.25
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@49	22.07
78	30	20	630668	3460.02	DFT-s-OFDM 64 QAM	25@12	20.61
78	30	20	630668	3460.02	DFT-s-OFDM 64 QAM	1@1	20.83
78	30	20	630668	3460.02	DFT-s-OFDM 64 QAM	1@49	20.65
78	30	20	630668	3460.02	DFT-s-OFDM 256 QAM	25@12	18.63
78	30	20	630668	3460.02	DFT-s-OFDM 256 QAM	1@1	18.52
78	30	20	630668	3460.02	DFT-s-OFDM 256 QAM	1@49	18.74
78	30	20	630668	3460.02	CP-OFDM QPSK	25@12	21.54
78	30	20	630668	3460.02	CP-OFDM QPSK	1@1	21.83
78	30	20	630668	3460.02	CP-OFDM QPSK	1@49	21.65
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	25@12	23.06
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.07
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@49	23.01
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	25@12	23.09
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.03
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@49	22.98
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	25@12	22.05
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.09
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@49	22.07
78	30	20	633334	3500.01	DFT-s-OFDM 64 QAM	25@12	20.59
78	30	20	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.41

78	30	20	633334	3500.01	DFT-s-OFDM 64 QAM	1@49	20.42
78	30	20	633334	3500.01	DFT-s-OFDM 256 QAM	25@12	18.59
78	30	20	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.77
78	30	20	633334	3500.01	DFT-s-OFDM 256 QAM	1@49	18.35
78	30	20	633334	3500.01	CP-OFDM QPSK	25@12	21.51
78	30	20	633334	3500.01	CP-OFDM QPSK	1@1	21.48
78	30	20	633334	3500.01	CP-OFDM QPSK	1@49	21.62
78	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	25@12	23.12
78	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	1@1	23.18
78	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	1@49	23.13
78	30	20	636000	3540	DFT-s-OFDM QPSK	25@12	23.23
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	23.19
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@49	23.16
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	25@12	22.18
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	22.17
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@49	22.16
78	30	20	636000	3540	DFT-s-OFDM 64 QAM	25@12	20.75
78	30	20	636000	3540	DFT-s-OFDM 64 QAM	1@1	20.48
78	30	20	636000	3540	DFT-s-OFDM 64 QAM	1@49	20.54
78	30	20	636000	3540	DFT-s-OFDM 256 QAM	25@12	18.6
78	30	20	636000	3540	DFT-s-OFDM 256 QAM	1@1	18.42
78	30	20	636000	3540	DFT-s-OFDM 256 QAM	1@49	18.4
78	30	20	636000	3540	CP-OFDM QPSK	25@12	21.64
78	30	20	636000	3540	CP-OFDM QPSK	1@1	21.65
78	30	20	636000	3540	CP-OFDM QPSK	1@49	21.75
78	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	36@18	23.32
78	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	1@1	23.36
78	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	1@76	23.05
78	30	30	631000	3465	DFT-s-OFDM QPSK	36@18	23.14
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	23.19
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@76	22.96
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	36@18	22.21
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	22.3
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@76	21.91

78	30	30	631000	3465	DFT-s-OFDM 64 QAM	36@18	20.71
78	30	30	631000	3465	DFT-s-OFDM 64 QAM	1@1	20.54
78	30	30	631000	3465	DFT-s-OFDM 64 QAM	1@76	20.21
78	30	30	631000	3465	DFT-s-OFDM 256 QAM	36@18	18.64
78	30	30	631000	3465	DFT-s-OFDM 256 QAM	1@1	18.9
78	30	30	631000	3465	DFT-s-OFDM 256 QAM	1@76	18.45
78	30	30	631000	3465	CP-OFDM QPSK	39@19	21.66
78	30	30	631000	3465	CP-OFDM QPSK	1@1	21.73
78	30	30	631000	3465	CP-OFDM QPSK	1@76	21.49
78	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	36@18	23.11
78	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.15
78	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@76	23.08
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	36@18	23.08
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.11
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@76	22.95
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	36@18	22.06
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.06
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@76	21.97
78	30	30	633334	3500.01	DFT-s-OFDM 64 QAM	36@18	20.52
78	30	30	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.36
78	30	30	633334	3500.01	DFT-s-OFDM 64 QAM	1@76	20.34
78	30	30	633334	3500.01	DFT-s-OFDM 256 QAM	36@18	18.6
78	30	30	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.48
78	30	30	633334	3500.01	DFT-s-OFDM 256 QAM	1@76	18.41
78	30	30	633334	3500.01	CP-OFDM QPSK	39@19	21.53
78	30	30	633334	3500.01	CP-OFDM QPSK	1@1	21.62
78	30	30	633334	3500.01	CP-OFDM QPSK	1@76	21.56
78	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	36@18	23.19
78	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	1@1	23.21
78	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	1@76	23.16
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	36@18	23.18
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	23.19
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@76	23.08
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	36@18	22.12

78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	22.19
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@76	22.09
78	30	30	635666	3534.99	DFT-s-OFDM 64 QAM	36@18	20.64
78	30	30	635666	3534.99	DFT-s-OFDM 64 QAM	1@1	20.59
78	30	30	635666	3534.99	DFT-s-OFDM 64 QAM	1@76	20.51
78	30	30	635666	3534.99	DFT-s-OFDM 256 QAM	36@18	18.59
78	30	30	635666	3534.99	DFT-s-OFDM 256 QAM	1@1	18.81
78	30	30	635666	3534.99	DFT-s-OFDM 256 QAM	1@76	18.48
78	30	30	635666	3534.99	CP-OFDM QPSK	39@19	21.71
78	30	30	635666	3534.99	CP-OFDM QPSK	1@1	21.73
78	30	30	635666	3534.99	CP-OFDM QPSK	1@76	21.63
78	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	50@25	23.1
78	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@1	23.33
78	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@104	23.21
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	50@25	23.24
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	23.22
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@104	22.99
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	50@25	22.06
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	22.2
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@104	22.08
78	30	40	631334	3470.01	DFT-s-OFDM 64 QAM	50@25	20.59
78	30	40	631334	3470.01	DFT-s-OFDM 64 QAM	1@1	20.59
78	30	40	631334	3470.01	DFT-s-OFDM 64 QAM	1@104	20.26
78	30	40	631334	3470.01	DFT-s-OFDM 256 QAM	50@25	18.62
78	30	40	631334	3470.01	DFT-s-OFDM 256 QAM	1@1	18.81
78	30	40	631334	3470.01	DFT-s-OFDM 256 QAM	1@104	18.53
78	30	40	631334	3470.01	CP-OFDM QPSK	53@26	21.56
78	30	40	631334	3470.01	CP-OFDM QPSK	1@1	21.81
78	30	40	631334	3470.01	CP-OFDM QPSK	1@104	21.53
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@25	23.05
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.18
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@104	23.11
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	50@25	23.03
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.06

78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@104	23.04
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	50@25	22.07
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.22
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@104	22.17
78	30	40	633334	3500.01	DFT-s-OFDM 64 QAM	50@25	20.65
78	30	40	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.43
78	30	40	633334	3500.01	DFT-s-OFDM 64 QAM	1@104	20.38
78	30	40	633334	3500.01	DFT-s-OFDM 256 QAM	50@25	18.59
78	30	40	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.59
78	30	40	633334	3500.01	DFT-s-OFDM 256 QAM	1@104	18.72
78	30	40	633334	3500.01	CP-OFDM QPSK	53@26	21.59
78	30	40	633334	3500.01	CP-OFDM QPSK	1@1	21.63
78	30	40	633334	3500.01	CP-OFDM QPSK	1@104	21.55
78	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	50@25	23.15
78	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	1@1	23.23
78	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	1@104	23.06
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	50@25	23.09
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	23.21
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@104	23.15
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	50@25	22.14
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	22.1
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@104	22.2
78	30	40	635332	3529.98	DFT-s-OFDM 64 QAM	50@25	20.68
78	30	40	635332	3529.98	DFT-s-OFDM 64 QAM	1@1	20.49
78	30	40	635332	3529.98	DFT-s-OFDM 64 QAM	1@104	20.37
78	30	40	635332	3529.98	DFT-s-OFDM 256 QAM	50@25	18.59
78	30	40	635332	3529.98	DFT-s-OFDM 256 QAM	1@1	18.77
78	30	40	635332	3529.98	DFT-s-OFDM 256 QAM	1@104	18.39
78	30	40	635332	3529.98	CP-OFDM QPSK	53@26	21.64
78	30	40	635332	3529.98	CP-OFDM QPSK	1@1	21.67
78	30	40	635332	3529.98	CP-OFDM QPSK	1@104	21.71
78	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	64@32	22.97
78	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	1@1	22.95
78	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	1@131	23.06

78	30	50	631668	3475.02	DFT-s-OFDM QPSK	64@32	23.04
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	23.06
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@131	22.68
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	64@32	22.01
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	21.86
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@131	21.75
78	30	50	631668	3475.02	DFT-s-OFDM 64 QAM	64@32	20.52
78	30	50	631668	3475.02	DFT-s-OFDM 64 QAM	1@1	20.45
78	30	50	631668	3475.02	DFT-s-OFDM 64 QAM	1@131	20.02
78	30	50	631668	3475.02	DFT-s-OFDM 256 QAM	64@32	18.46
78	30	50	631668	3475.02	DFT-s-OFDM 256 QAM	1@1	18.63
78	30	50	631668	3475.02	DFT-s-OFDM 256 QAM	1@131	18.21
78	30	50	631668	3475.02	CP-OFDM QPSK	67@33	21.48
78	30	50	631668	3475.02	CP-OFDM QPSK	1@1	21.57
78	30	50	631668	3475.02	CP-OFDM QPSK	1@131	21.24
78	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	64@32	23
78	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.92
78	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@131	23.32
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	64@32	22.99
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.98
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@131	22.79
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	64@32	22.05
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.89
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@131	21.67
78	30	50	633334	3500.01	DFT-s-OFDM 64 QAM	64@32	20.45
78	30	50	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.34
78	30	50	633334	3500.01	DFT-s-OFDM 64 QAM	1@131	20.1
78	30	50	633334	3500.01	DFT-s-OFDM 256 QAM	64@32	18.42
78	30	50	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.39
78	30	50	633334	3500.01	DFT-s-OFDM 256 QAM	1@131	18.13
78	30	50	633334	3500.01	CP-OFDM QPSK	67@33	21.34
78	30	50	633334	3500.01	CP-OFDM QPSK	1@1	21.51
78	30	50	633334	3500.01	CP-OFDM QPSK	1@131	21.32
78	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	64@32	23.07

78	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	22.99
78	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@131	23.05
78	30	50	635000	3525	DFT-s-OFDM QPSK	64@32	23.05
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	22.91
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@131	22.8
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	64@32	21.97
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	22.09
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@131	21.72
78	30	50	635000	3525	DFT-s-OFDM 64 QAM	64@32	20.49
78	30	50	635000	3525	DFT-s-OFDM 64 QAM	1@1	20.25
78	30	50	635000	3525	DFT-s-OFDM 64 QAM	1@131	20.12
78	30	50	635000	3525	DFT-s-OFDM 256 QAM	64@32	18.51
78	30	50	635000	3525	DFT-s-OFDM 256 QAM	1@1	18.5
78	30	50	635000	3525	DFT-s-OFDM 256 QAM	1@131	18.4
78	30	50	635000	3525	CP-OFDM QPSK	67@33	21.41
78	30	50	635000	3525	CP-OFDM QPSK	1@1	21.48
78	30	50	635000	3525	CP-OFDM QPSK	1@131	21.31
78	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	81@40	23.06
78	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	1@1	22.98
78	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	1@160	22.74
78	30	60	632000	3480	DFT-s-OFDM QPSK	81@40	23.02
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	23.01
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@160	22.61
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	81@40	21.99
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	22.14
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@160	21.81
78	30	60	632000	3480	DFT-s-OFDM 64 QAM	81@40	20.54
78	30	60	632000	3480	DFT-s-OFDM 64 QAM	1@1	20.3
78	30	60	632000	3480	DFT-s-OFDM 64 QAM	1@160	20.06
78	30	60	632000	3480	DFT-s-OFDM 256 QAM	81@40	18.49
78	30	60	632000	3480	DFT-s-OFDM 256 QAM	1@1	18.54
78	30	60	632000	3480	DFT-s-OFDM 256 QAM	1@160	18.24
78	30	60	632000	3480	CP-OFDM QPSK	81@40	21.46
78	30	60	632000	3480	CP-OFDM QPSK	1@1	21.6

78	30	60	632000	3480	CP-OFDM QPSK	1@160	21.23
78	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	81@40	23.04
78	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.97
78	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@160	22.86
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	81@40	22.96
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.89
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@160	22.77
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	81@40	21.88
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.02
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@160	21.79
78	30	60	633334	3500.01	DFT-s-OFDM 64 QAM	81@40	20.36
78	30	60	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.44
78	30	60	633334	3500.01	DFT-s-OFDM 64 QAM	1@160	20.09
78	30	60	633334	3500.01	DFT-s-OFDM 256 QAM	81@40	18.46
78	30	60	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.59
78	30	60	633334	3500.01	DFT-s-OFDM 256 QAM	1@160	18.37
78	30	60	633334	3500.01	CP-OFDM QPSK	81@40	21.39
78	30	60	633334	3500.01	CP-OFDM QPSK	1@1	21.58
78	30	60	633334	3500.01	CP-OFDM QPSK	1@160	21.4
78	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	81@40	23.07
78	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	1@1	22.93
78	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	1@160	22.81
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	81@40	22.89
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	22.87
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@160	22.69
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	81@40	21.94
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	22.01
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@160	21.69
78	30	60	634666	3519.99	DFT-s-OFDM 64 QAM	81@40	20.41
78	30	60	634666	3519.99	DFT-s-OFDM 64 QAM	1@1	20.48
78	30	60	634666	3519.99	DFT-s-OFDM 64 QAM	1@160	20.42
78	30	60	634666	3519.99	DFT-s-OFDM 256 QAM	81@40	18.4
78	30	60	634666	3519.99	DFT-s-OFDM 256 QAM	1@1	18.33
78	30	60	634666	3519.99	DFT-s-OFDM 256 QAM	1@160	18.45

78	30	60	634666	3519.99	CP-OFDM QPSK	81@40	21.47
78	30	60	634666	3519.99	CP-OFDM QPSK	1@1	21.56
78	30	60	634666	3519.99	CP-OFDM QPSK	1@160	21.28
78	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	90@45	22.81
78	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	1@1	23.02
78	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	1@187	23.03
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	90@45	22.79
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	22.94
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@187	22.48
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	90@45	21.8
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	21.85
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@187	21.47
78	30	70	632334	3485.01	DFT-s-OFDM 64 QAM	90@45	20.39
78	30	70	632334	3485.01	DFT-s-OFDM 64 QAM	1@1	20.23
78	30	70	632334	3485.01	DFT-s-OFDM 64 QAM	1@187	19.92
78	30	70	632334	3485.01	DFT-s-OFDM 256 QAM	90@45	18.34
78	30	70	632334	3485.01	DFT-s-OFDM 256 QAM	1@1	18.4
78	30	70	632334	3485.01	DFT-s-OFDM 256 QAM	1@187	18.11
78	30	70	632334	3485.01	CP-OFDM QPSK	95@47	21.34
78	30	70	632334	3485.01	CP-OFDM QPSK	1@1	21.49
78	30	70	632334	3485.01	CP-OFDM QPSK	1@187	21.19
78	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	90@45	23.01
78	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.88
78	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@187	22.53
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	90@45	22.85
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.94
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@187	22.58
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	90@45	21.89
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.92
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@187	21.62
78	30	70	633334	3500.01	DFT-s-OFDM 64 QAM	90@45	20.32
78	30	70	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.19
78	30	70	633334	3500.01	DFT-s-OFDM 64 QAM	1@187	20.03
78	30	70	633334	3500.01	DFT-s-OFDM 256 QAM	90@45	18.35

78	30	70	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.28
78	30	70	633334	3500.01	DFT-s-OFDM 256 QAM	1@187	17.98
78	30	70	633334	3500.01	CP-OFDM QPSK	95@47	21.25
78	30	70	633334	3500.01	CP-OFDM QPSK	1@1	21.55
78	30	70	633334	3500.01	CP-OFDM QPSK	1@187	21.19
78	30	70	634332	3514.98	DFT-s-OFDM PI/2 BPSK	90@45	23.06
78	30	70	634332	3514.98	DFT-s-OFDM PI/2 BPSK	1@1	22.93
78	30	70	634332	3514.98	DFT-s-OFDM PI/2 BPSK	1@187	22.64
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	90@45	22.8
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	22.9
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@187	22.59
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	90@45	21.85
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	21.96
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@187	21.7
78	30	70	634332	3514.98	DFT-s-OFDM 64 QAM	90@45	20.32
78	30	70	634332	3514.98	DFT-s-OFDM 64 QAM	1@1	20.3
78	30	70	634332	3514.98	DFT-s-OFDM 64 QAM	1@187	19.94
78	30	70	634332	3514.98	DFT-s-OFDM 256 QAM	90@45	18.27
78	30	70	634332	3514.98	DFT-s-OFDM 256 QAM	1@1	18.25
78	30	70	634332	3514.98	DFT-s-OFDM 256 QAM	1@187	18.08
78	30	70	634332	3514.98	CP-OFDM QPSK	95@47	21.33
78	30	70	634332	3514.98	CP-OFDM QPSK	1@1	21.43
78	30	70	634332	3514.98	CP-OFDM QPSK	1@187	21.16
78	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	108@54	23.04
78	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	1@1	22.85
78	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	1@215	22.52
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	108@54	22.88
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	22.95
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@215	22.51
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	108@54	21.82
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	21.97
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@215	21.56
78	30	80	632668	3490.02	DFT-s-OFDM 64 QAM	108@54	20.39
78	30	80	632668	3490.02	DFT-s-OFDM 64 QAM	1@1	20.18

78	30	80	632668	3490.02	DFT-s-OFDM 64 QAM	1@215	19.92
78	30	80	632668	3490.02	DFT-s-OFDM 256 QAM	108@54	18.31
78	30	80	632668	3490.02	DFT-s-OFDM 256 QAM	1@1	18.58
78	30	80	632668	3490.02	DFT-s-OFDM 256 QAM	1@215	17.97
78	30	80	632668	3490.02	CP-OFDM QPSK	109@54	21.33
78	30	80	632668	3490.02	CP-OFDM QPSK	1@1	21.59
78	30	80	632668	3490.02	CP-OFDM QPSK	1@215	21.13
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	108@54	23.04
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.92
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@215	22.66
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	108@54	22.79
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.91
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@215	22.59
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	108@54	21.89
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.99
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@215	21.56
78	30	80	633334	3500.01	DFT-s-OFDM 64 QAM	108@54	20.45
78	30	80	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.23
78	30	80	633334	3500.01	DFT-s-OFDM 64 QAM	1@215	19.99
78	30	80	633334	3500.01	DFT-s-OFDM 256 QAM	108@54	18.33
78	30	80	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.18
78	30	80	633334	3500.01	DFT-s-OFDM 256 QAM	1@215	18.2
78	30	80	633334	3500.01	CP-OFDM QPSK	109@54	21.37
78	30	80	633334	3500.01	CP-OFDM QPSK	1@1	21.46
78	30	80	633334	3500.01	CP-OFDM QPSK	1@215	21.45
78	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	108@54	22.91
78	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	1@1	22.87
78	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	1@215	22.57
78	30	80	634000	3510	DFT-s-OFDM QPSK	108@54	22.91
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	22.93
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@215	22.6
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	108@54	21.9
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	21.98
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@215	21.66

78	30	80	634000	3510	DFT-s-OFDM 64 QAM	108@54	20.3
78	30	80	634000	3510	DFT-s-OFDM 64 QAM	1@1	20.18
78	30	80	634000	3510	DFT-s-OFDM 64 QAM	1@215	19.92
78	30	80	634000	3510	DFT-s-OFDM 256 QAM	108@54	18.38
78	30	80	634000	3510	DFT-s-OFDM 256 QAM	1@1	18.22
78	30	80	634000	3510	DFT-s-OFDM 256 QAM	1@215	18.3
78	30	80	634000	3510	CP-OFDM QPSK	109@54	21.37
78	30	80	634000	3510	CP-OFDM QPSK	1@1	21.43
78	30	80	634000	3510	CP-OFDM QPSK	1@215	21.16
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	120@60	22.87
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@1	22.91
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@243	22.63
78	30	90	633000	3495	DFT-s-OFDM QPSK	120@60	22.76
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	22.85
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@243	22.59
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	120@60	21.81
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	21.83
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@243	21.56
78	30	90	633000	3495	DFT-s-OFDM 64 QAM	120@60	20.42
78	30	90	633000	3495	DFT-s-OFDM 64 QAM	1@1	20.37
78	30	90	633000	3495	DFT-s-OFDM 64 QAM	1@243	20
78	30	90	633000	3495	DFT-s-OFDM 256 QAM	120@60	18.44
78	30	90	633000	3495	DFT-s-OFDM 256 QAM	1@1	18.36
78	30	90	633000	3495	DFT-s-OFDM 256 QAM	1@243	17.97
78	30	90	633000	3495	CP-OFDM QPSK	123@61	21.3
78	30	90	633000	3495	CP-OFDM QPSK	1@1	21.46
78	30	90	633000	3495	CP-OFDM QPSK	1@243	21.12
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	120@60	22.85
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.86
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@243	22.79
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	120@60	22.81
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.81
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@243	22.7
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	120@60	21.83

78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.8
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@243	21.56
78	30	90	633334	3500.01	DFT-s-OFDM 64 QAM	120@60	20.38
78	30	90	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.39
78	30	90	633334	3500.01	DFT-s-OFDM 64 QAM	1@243	20.17
78	30	90	633334	3500.01	DFT-s-OFDM 256 QAM	120@60	18.34
78	30	90	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.21
78	30	90	633334	3500.01	DFT-s-OFDM 256 QAM	1@243	18.18
78	30	90	633334	3500.01	CP-OFDM QPSK	123@61	21.26
78	30	90	633334	3500.01	CP-OFDM QPSK	1@1	21.39
78	30	90	633334	3500.01	CP-OFDM QPSK	1@243	21.19
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	120@60	22.91
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@1	22.96
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@243	22.89
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	120@60	22.91
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	22.92
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@243	22.66
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	120@60	21.85
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	21.85
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@243	21.66
78	30	90	633666	3504.99	DFT-s-OFDM 64 QAM	120@60	20.32
78	30	90	633666	3504.99	DFT-s-OFDM 64 QAM	1@1	20.29
78	30	90	633666	3504.99	DFT-s-OFDM 64 QAM	1@243	19.98
78	30	90	633666	3504.99	DFT-s-OFDM 256 QAM	120@60	18.38
78	30	90	633666	3504.99	DFT-s-OFDM 256 QAM	1@1	18.41
78	30	90	633666	3504.99	DFT-s-OFDM 256 QAM	1@243	18.07
78	30	90	633666	3504.99	CP-OFDM QPSK	123@61	21.3
78	30	90	633666	3504.99	CP-OFDM QPSK	1@1	21.45
78	30	90	633666	3504.99	CP-OFDM QPSK	1@243	21.2
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	22.86
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	22.8
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	22.55
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	22.85
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.89

78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	22.62
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	21.84
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	21.91
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	21.69
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	20.42
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.17
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	19.95
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	18.26
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.28
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	18.13
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	21.26
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	21.45
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	21.18

# FR1 N78 UL MIMO(ANT2+ANT7)

## Conducted Power

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT2 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	25@12	19.69	20.15	22.94
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@1	19.92	20.4	23.18
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@49	19.85	20.13	23.00
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	25@12	19.78	20.18	22.99
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	19.85	20.36	23.12
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@49	19.79	20.07	22.94
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	25@12	18.72	19.19	21.97
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	18.74	19.22	22.00
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@49	18.5	18.87	21.70
78	30	20	630668	3460.02	DFT-s-OFDM 64 QAM	25@12	17.24	17.7	20.49
78	30	20	630668	3460.02	DFT-s-OFDM 64 QAM	1@1	17.19	17.76	20.49
78	30	20	630668	3460.02	DFT-s-OFDM 64 QAM	1@49	17.1	17.48	20.30
78	30	20	630668	3460.02	DFT-s-OFDM 256 QAM	25@12	15.24	15.8	18.54
78	30	20	630668	3460.02	DFT-s-OFDM 256 QAM	1@1	15.28	15.69	18.50
78	30	20	630668	3460.02	DFT-s-OFDM 256 QAM	1@49	15.21	15.5	18.37
78	30	20	630668	3460.02	CP-OFDM QPSK	25@12	18.67	17.77	21.25
78	30	20	630668	3460.02	CP-OFDM QPSK	1@1	18.68	17.84	21.29
78	30	20	630668	3460.02	CP-OFDM QPSK	1@49	18.52	17.79	21.18
78	30	20	630668	3460.02	CP-OFDM 16 QAM	25@12	18.14	17.31	20.76
78	30	20	630668	3460.02	CP-OFDM 16 QAM	1@1	18.18	17.22	20.74
78	30	20	630668	3460.02	CP-OFDM 16 QAM	1@49	18.01	17.07	20.58
78	30	20	630668	3460.02	CP-OFDM 64 QAM	25@12	16.58	15.8	19.22
78	30	20	630668	3460.02	CP-OFDM 64 QAM	1@1	16.69	15.49	19.14
78	30	20	630668	3460.02	CP-OFDM 64 QAM	1@49	16.61	15.43	19.07
78	30	20	630668	3460.02	CP-OFDM 256 QAM	25@12	13.8	12.8	16.34
78	30	20	630668	3460.02	CP-OFDM 256 QAM	1@1	13.81	12.89	16.38
78	30	20	630668	3460.02	CP-OFDM 256 QAM	1@49	13.75	12.93	16.37
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	25@12	19.66	20.11	22.90
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	19.8	20.13	22.98
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@49	19.69	20.03	22.87

78	30	20	633334	3500.01	DFT-s-OFDM QPSK	25@12	19.71	20.08	22.91
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	19.85	20.19	23.03
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@49	19.8	20	22.91
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	25@12	18.74	19.09	21.93
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	18.56	18.93	21.76
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@49	18.49	18.84	21.68
78	30	20	633334	3500.01	DFT-s-OFDM 64 QAM	25@12	17.26	17.66	20.47
78	30	20	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	17.3	17.66	20.49
78	30	20	633334	3500.01	DFT-s-OFDM 64 QAM	1@49	17.26	17.63	20.46
78	30	20	633334	3500.01	DFT-s-OFDM 256 QAM	25@12	15.19	15.6	18.41
78	30	20	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	15.27	15.63	18.46
78	30	20	633334	3500.01	DFT-s-OFDM 256 QAM	1@49	15.15	15.54	18.36
78	30	20	633334	3500.01	CP-OFDM QPSK	25@12	18.59	16.79	20.79
78	30	20	633334	3500.01	CP-OFDM QPSK	1@1	18.58	17.92	21.27
78	30	20	633334	3500.01	CP-OFDM QPSK	1@49	18.58	17.71	21.18
78	30	20	633334	3500.01	CP-OFDM 16 QAM	25@12	18.11	17.19	20.68
78	30	20	633334	3500.01	CP-OFDM 16 QAM	1@1	18.09	17.04	20.61
78	30	20	633334	3500.01	CP-OFDM 16 QAM	1@49	18	16.99	20.53
78	30	20	633334	3500.01	CP-OFDM 64 QAM	25@12	16.49	15.7	19.12
78	30	20	633334	3500.01	CP-OFDM 64 QAM	1@1	16.77	15.53	19.20
78	30	20	633334	3500.01	CP-OFDM 64 QAM	1@49	16.67	15.48	19.13
78	30	20	633334	3500.01	CP-OFDM 256 QAM	25@12	13.74	12.78	16.30
78	30	20	633334	3500.01	CP-OFDM 256 QAM	1@1	14.5	12.92	16.79
78	30	20	633334	3500.01	CP-OFDM 256 QAM	1@49	13.67	12.53	16.15
78	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	25@12	19.76	19.89	22.84
78	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	1@1	19.8	20.07	22.95
78	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	1@49	19.73	19.91	22.83
78	30	20	636000	3540	DFT-s-OFDM QPSK	25@12	19.75	19.83	22.80
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	19.71	20.09	22.91
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@49	19.77	19.95	22.87
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	25@12	18.76	18.92	21.85
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	18.62	18.94	21.79
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@49	18.63	18.78	21.72
78	30	20	636000	3540	DFT-s-OFDM 64 QAM	25@12	17.26	17.37	20.33
78	30	20	636000	3540	DFT-s-OFDM 64 QAM	1@1	17.34	17.61	20.49

78	30	20	636000	3540	DFT-s-OFDM 64 QAM	1@49	17.33	17.45	20.40
78	30	20	636000	3540	DFT-s-OFDM 256 QAM	25@12	15.24	15.37	18.32
78	30	20	636000	3540	DFT-s-OFDM 256 QAM	1@1	15.17	15.49	18.34
78	30	20	636000	3540	DFT-s-OFDM 256 QAM	1@49	15.14	15.34	18.25
78	30	20	636000	3540	CP-OFDM QPSK	25@12	18.86	17.5	21.24
78	30	20	636000	3540	CP-OFDM QPSK	1@1	18.67	17.97	21.34
78	30	20	636000	3540	CP-OFDM QPSK	1@49	18.6	17.86	21.26
78	30	20	636000	3540	CP-OFDM 16 QAM	25@12	18.2	17.49	20.87
78	30	20	636000	3540	CP-OFDM 16 QAM	1@1	18.03	17.3	20.69
78	30	20	636000	3540	CP-OFDM 16 QAM	1@49	17.92	17.19	20.58
78	30	20	636000	3540	CP-OFDM 64 QAM	25@12	16.57	15.89	19.25
78	30	20	636000	3540	CP-OFDM 64 QAM	1@1	16.77	15.62	19.24
78	30	20	636000	3540	CP-OFDM 64 QAM	1@49	16.77	15.59	19.23
78	30	20	636000	3540	CP-OFDM 256 QAM	25@12	13.71	12.96	16.36
78	30	20	636000	3540	CP-OFDM 256 QAM	1@1	13.7	13.16	16.45
78	30	20	636000	3540	CP-OFDM 256 QAM	1@49	13.26	13.04	16.16
78	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	36@18	19.76	20.21	23.00
78	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	1@1	19.89	20.35	23.14
78	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	1@76	19.72	20.01	22.88
78	30	30	631000	3465	DFT-s-OFDM QPSK	36@18	19.84	20.17	23.02
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	19.81	20.36	23.10
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@76	19.73	20.03	22.89
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	36@18	18.83	19.11	21.98
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	18.64	19.19	21.93
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@76	18.57	18.83	21.71
78	30	30	631000	3465	DFT-s-OFDM 64 QAM	36@18	17.36	17.63	20.51
78	30	30	631000	3465	DFT-s-OFDM 64 QAM	1@1	17.47	17.94	20.72
78	30	30	631000	3465	DFT-s-OFDM 64 QAM	1@76	17.26	17.58	20.43
78	30	30	631000	3465	DFT-s-OFDM 256 QAM	36@18	15.27	15.61	18.45
78	30	30	631000	3465	DFT-s-OFDM 256 QAM	1@1	15.2	15.76	18.50
78	30	30	631000	3465	DFT-s-OFDM 256 QAM	1@76	15.32	15.41	18.38
78	30	30	631000	3465	CP-OFDM QPSK	39@19	18.61	12.59	19.58
78	30	30	631000	3465	CP-OFDM QPSK	1@1	18.71	17.93	21.35
78	30	30	631000	3465	CP-OFDM QPSK	1@76	18.42	17.75	21.11
78	30	30	631000	3465	CP-OFDM 16 QAM	39@19	18.1	17.32	20.74
78	30	30	631000	3465	CP-OFDM 16 QAM	1@1	18.24	17.04	20.69

78	30	30	631000	3465	CP-OFDM 16 QAM	1@76	18.01	17.08	20.58
78	30	30	631000	3465	CP-OFDM 64 QAM	39@19	16.59	15.79	19.22
78	30	30	631000	3465	CP-OFDM 64 QAM	1@1	16.73	15.55	19.19
78	30	30	631000	3465	CP-OFDM 64 QAM	1@76	16.55	15.53	19.08
78	30	30	631000	3465	CP-OFDM 256 QAM	39@19	13.7	12.86	16.31
78	30	30	631000	3465	CP-OFDM 256 QAM	1@1	13.92	13.07	16.53
78	30	30	631000	3465	CP-OFDM 256 QAM	1@76	13.2	12.32	15.79
78	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	36@18	19.78	20.14	22.97
78	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	19.89	20.17	23.04
78	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@76	19.77	20.03	22.91
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	36@18	19.74	19.99	22.88
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	19.78	20.22	23.02
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@76	19.61	20.04	22.84
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	36@18	18.78	19.1	21.95
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	18.84	19.08	21.97
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@76	18.46	19	21.75
78	30	30	633334	3500.01	DFT-s-OFDM 64 QAM	36@18	17.23	17.54	20.40
78	30	30	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	17.25	17.57	20.42
78	30	30	633334	3500.01	DFT-s-OFDM 64 QAM	1@76	16.96	17.43	20.21
78	30	30	633334	3500.01	DFT-s-OFDM 256 QAM	36@18	15.18	15.54	18.37
78	30	30	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	15.46	15.65	18.57
78	30	30	633334	3500.01	DFT-s-OFDM 256 QAM	1@76	15.06	15.5	18.30
78	30	30	633334	3500.01	CP-OFDM QPSK	39@19	18.57	15.48	20.30
78	30	30	633334	3500.01	CP-OFDM QPSK	1@1	18.65	17.99	21.34
78	30	30	633334	3500.01	CP-OFDM QPSK	1@76	18.4	17.77	21.11
78	30	30	633334	3500.01	CP-OFDM 16 QAM	39@19	18.14	17.18	20.70
78	30	30	633334	3500.01	CP-OFDM 16 QAM	1@1	18.16	17.21	20.72
78	30	30	633334	3500.01	CP-OFDM 16 QAM	1@76	17.89	16.97	20.46
78	30	30	633334	3500.01	CP-OFDM 64 QAM	39@19	16.56	15.63	19.13
78	30	30	633334	3500.01	CP-OFDM 64 QAM	1@1	16.72	15.67	19.24
78	30	30	633334	3500.01	CP-OFDM 64 QAM	1@76	16.54	15.5	19.06
78	30	30	633334	3500.01	CP-OFDM 256 QAM	39@19	13.74	12.84	16.32
78	30	30	633334	3500.01	CP-OFDM 256 QAM	1@1	13.86	12.97	16.45
78	30	30	633334	3500.01	CP-OFDM 256 QAM	1@76	13.55	12.32	15.99
78	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	36@18	19.7	20.07	22.90

78	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	1@1	19.76	20.1	22.94
78	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	1@76	19.67	19.87	22.78
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	36@18	19.73	20.01	22.88
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	19.73	20.11	22.93
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@76	19.65	19.8	22.74
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	36@18	18.74	19.03	21.90
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	18.51	18.93	21.74
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@76	18.49	18.7	21.61
78	30	30	635666	3534.99	DFT-s-OFDM 64 QAM	36@18	17.3	17.5	20.41
78	30	30	635666	3534.99	DFT-s-OFDM 64 QAM	1@1	17.33	17.65	20.50
78	30	30	635666	3534.99	DFT-s-OFDM 64 QAM	1@76	17.33	17.37	20.36
78	30	30	635666	3534.99	DFT-s-OFDM 256 QAM	36@18	15.11	15.45	18.29
78	30	30	635666	3534.99	DFT-s-OFDM 256 QAM	1@1	15.24	15.48	18.37
78	30	30	635666	3534.99	DFT-s-OFDM 256 QAM	1@76	15.09	15.26	18.19
78	30	30	635666	3534.99	CP-OFDM QPSK	39@19	18.64	17.94	21.31
78	30	30	635666	3534.99	CP-OFDM QPSK	1@1	18.65	18	21.35
78	30	30	635666	3534.99	CP-OFDM QPSK	1@76	18.37	17.9	21.15
78	30	30	635666	3534.99	CP-OFDM 16 QAM	39@19	18.16	17.41	20.81
78	30	30	635666	3534.99	CP-OFDM 16 QAM	1@1	18.09	17.2	20.68
78	30	30	635666	3534.99	CP-OFDM 16 QAM	1@76	17.85	17.2	20.55
78	30	30	635666	3534.99	CP-OFDM 64 QAM	39@19	16.59	15.89	19.26
78	30	30	635666	3534.99	CP-OFDM 64 QAM	1@1	16.68	15.64	19.20
78	30	30	635666	3534.99	CP-OFDM 64 QAM	1@76	16.45	15.71	19.11
78	30	30	635666	3534.99	CP-OFDM 256 QAM	39@19	13.77	13.13	16.47
78	30	30	635666	3534.99	CP-OFDM 256 QAM	1@1	13.78	12.35	16.13
78	30	30	635666	3534.99	CP-OFDM 256 QAM	1@76	13.66	12.31	16.05
78	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	50@25	19.78	20.2	23.01
78	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@1	19.97	20.43	23.22
78	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@104	19.73	19.97	22.86
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	50@25	19.81	20.15	22.99
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	19.9	20.45	23.19
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@104	19.73	19.96	22.86
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	50@25	18.75	19.12	21.95
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	18.75	19.29	22.04
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@104	18.6	18.77	21.70

78	30	40	631334	3470.01	DFT-s-OFDM 64 QAM	50@25	17.26	17.66	20.47
78	30	40	631334	3470.01	DFT-s-OFDM 64 QAM	1@1	17.38	18	20.71
78	30	40	631334	3470.01	DFT-s-OFDM 64 QAM	1@104	17.23	17.57	20.41
78	30	40	631334	3470.01	DFT-s-OFDM 256 QAM	50@25	15.28	15.7	18.51
78	30	40	631334	3470.01	DFT-s-OFDM 256 QAM	1@1	15.39	15.96	18.69
78	30	40	631334	3470.01	DFT-s-OFDM 256 QAM	1@104	14.73	15.42	18.10
78	30	40	631334	3470.01	CP-OFDM QPSK	53@26	18.54	13.82	19.80
78	30	40	631334	3470.01	CP-OFDM QPSK	1@1	18.83	17.96	21.43
78	30	40	631334	3470.01	CP-OFDM QPSK	1@104	18.59	17.71	21.18
78	30	40	631334	3470.01	CP-OFDM 16 QAM	53@26	18.17	17.32	20.78
78	30	40	631334	3470.01	CP-OFDM 16 QAM	1@1	18.37	17.32	20.89
78	30	40	631334	3470.01	CP-OFDM 16 QAM	1@104	18.19	17.15	20.71
78	30	40	631334	3470.01	CP-OFDM 64 QAM	53@26	16.55	15.76	19.18
78	30	40	631334	3470.01	CP-OFDM 64 QAM	1@1	16.81	15.66	19.28
78	30	40	631334	3470.01	CP-OFDM 64 QAM	1@104	16.61	15.37	19.04
78	30	40	631334	3470.01	CP-OFDM 256 QAM	53@26	13.72	12.86	16.32
78	30	40	631334	3470.01	CP-OFDM 256 QAM	1@1	13.95	13.15	16.58
78	30	40	631334	3470.01	CP-OFDM 256 QAM	1@104	13.7	12.72	16.25
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	50@25	19.8	20.22	23.03
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	19.98	20.28	23.14
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@104	19.7	19.97	22.85
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	50@25	19.81	20.15	22.99
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	19.87	20.3	23.10
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@104	19.47	19.94	22.72
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	50@25	18.79	19.14	21.98
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	18.83	19.21	22.03
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@104	18.52	18.87	21.71
78	30	40	633334	3500.01	DFT-s-OFDM 64 QAM	50@25	17.23	17.52	20.39
78	30	40	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	17.57	17.94	20.77
78	30	40	633334	3500.01	DFT-s-OFDM 64 QAM	1@104	17.16	17.54	20.36
78	30	40	633334	3500.01	DFT-s-OFDM 256 QAM	50@25	15.2	15.55	18.39
78	30	40	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	15.3	15.67	18.50
78	30	40	633334	3500.01	DFT-s-OFDM 256 QAM	1@104	15.29	15.43	18.37
78	30	40	633334	3500.01	CP-OFDM QPSK	53@26	18.65	17.76	21.24
78	30	40	633334	3500.01	CP-OFDM QPSK	1@1	18.69	18.04	21.39
78	30	40	633334	3500.01	CP-OFDM QPSK	1@104	18.46	17.75	21.13

78	30	40	633334	3500.01	CP-OFDM 16 QAM	53@26	18.15	17.18	20.70
78	30	40	633334	3500.01	CP-OFDM 16 QAM	1@1	18.15	17.24	20.73
78	30	40	633334	3500.01	CP-OFDM 16 QAM	1@104	17.93	16.94	20.47
78	30	40	633334	3500.01	CP-OFDM 64 QAM	53@26	16.57	15.69	19.16
78	30	40	633334	3500.01	CP-OFDM 64 QAM	1@1	16.78	15.78	19.32
78	30	40	633334	3500.01	CP-OFDM 64 QAM	1@104	16.6	15.56	19.12
78	30	40	633334	3500.01	CP-OFDM 256 QAM	53@26	13.76	12.82	16.33
78	30	40	633334	3500.01	CP-OFDM 256 QAM	1@1	13.87	13.03	16.48
78	30	40	633334	3500.01	CP-OFDM 256 QAM	1@104	13.62	12.93	16.30
78	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	50@25	19.76	19.94	22.86
78	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	1@1	19.9	20.2	23.06
78	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	1@104	19.7	19.87	22.80
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	50@25	19.68	19.99	22.85
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	19.85	20.23	23.05
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@104	19.73	19.95	22.85
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	50@25	18.7	18.93	21.83
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	18.67	19	21.85
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@104	18.54	18.7	21.63
78	30	40	635332	3529.98	DFT-s-OFDM 64 QAM	50@25	17.16	17.55	20.37
78	30	40	635332	3529.98	DFT-s-OFDM 64 QAM	1@1	17.41	17.72	20.58
78	30	40	635332	3529.98	DFT-s-OFDM 64 QAM	1@104	17.16	17.31	20.25
78	30	40	635332	3529.98	DFT-s-OFDM 256 QAM	50@25	15.13	15.44	18.30
78	30	40	635332	3529.98	DFT-s-OFDM 256 QAM	1@1	15.32	15.67	18.51
78	30	40	635332	3529.98	DFT-s-OFDM 256 QAM	1@104	15.16	15.24	18.21
78	30	40	635332	3529.98	CP-OFDM QPSK	53@26	18.6	17.84	21.25
78	30	40	635332	3529.98	CP-OFDM QPSK	1@1	18.68	17.93	21.33
78	30	40	635332	3529.98	CP-OFDM QPSK	1@104	18.47	17.88	21.20
78	30	40	635332	3529.98	CP-OFDM 16 QAM	53@26	18.18	17.43	20.83
78	30	40	635332	3529.98	CP-OFDM 16 QAM	1@1	18.14	17.11	20.67
78	30	40	635332	3529.98	CP-OFDM 16 QAM	1@104	17.92	17.14	20.56
78	30	40	635332	3529.98	CP-OFDM 64 QAM	53@26	16.62	15.82	19.25
78	30	40	635332	3529.98	CP-OFDM 64 QAM	1@1	16.76	15.59	19.22
78	30	40	635332	3529.98	CP-OFDM 64 QAM	1@104	16.55	15.64	19.13
78	30	40	635332	3529.98	CP-OFDM 256 QAM	53@26	13.79	13.02	16.43
78	30	40	635332	3529.98	CP-OFDM 256 QAM	1@1	13.89	12.95	16.46

78	30	40	635332	3529.98	CP-OFDM 256 QAM	1@104	13.71	13.12	16.44
78	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	64@32	19.72	19.94	22.84
78	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	1@1	19.61	20.22	22.94
78	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	1@131	19.36	19.69	22.54
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	64@32	19.69	19.95	22.83
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	19.61	20.13	22.89
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@131	19.39	19.81	22.62
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	64@32	18.72	18.96	21.85
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	18.37	18.94	21.67
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@131	18.21	18.47	21.35
78	30	50	631668	3475.02	DFT-s-OFDM 64 QAM	64@32	17.13	17.47	20.31
78	30	50	631668	3475.02	DFT-s-OFDM 64 QAM	1@1	17.15	17.73	20.46
78	30	50	631668	3475.02	DFT-s-OFDM 64 QAM	1@131	14.61	17.04	19.00
78	30	50	631668	3475.02	DFT-s-OFDM 256 QAM	64@32	15.16	15.39	18.29
78	30	50	631668	3475.02	DFT-s-OFDM 256 QAM	1@1	15	15.65	18.35
78	30	50	631668	3475.02	DFT-s-OFDM 256 QAM	1@131	14.91	15.21	18.07
78	30	50	631668	3475.02	CP-OFDM QPSK	67@33	18.57	17.86	21.24
78	30	50	631668	3475.02	CP-OFDM QPSK	1@1	18.61	17.77	21.22
78	30	50	631668	3475.02	CP-OFDM QPSK	1@131	18.26	17.42	20.87
78	30	50	631668	3475.02	CP-OFDM 16 QAM	67@33	17.94	17.17	20.58
78	30	50	631668	3475.02	CP-OFDM 16 QAM	1@1	17.99	17.05	20.56
78	30	50	631668	3475.02	CP-OFDM 16 QAM	1@131	17.65	16.73	20.22
78	30	50	631668	3475.02	CP-OFDM 64 QAM	67@33	16.39	15.62	19.03
78	30	50	631668	3475.02	CP-OFDM 64 QAM	1@1	16.75	15.39	19.13
78	30	50	631668	3475.02	CP-OFDM 64 QAM	1@131	16.4	15.07	18.80
78	30	50	631668	3475.02	CP-OFDM 256 QAM	67@33	13.65	12.66	16.19
78	30	50	631668	3475.02	CP-OFDM 256 QAM	1@1	13.57	12.84	16.23
78	30	50	631668	3475.02	CP-OFDM 256 QAM	1@131	13.42	12.32	15.92
78	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	64@32	19.59	20	22.81
78	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	19.72	20.05	22.90
78	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@131	19.36	19.78	22.59
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	64@32	19.62	20.07	22.86
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	19.62	20.05	22.85
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@131	19.41	19.65	22.54
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	64@32	18.62	19.06	21.86

78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	18.53	18.87	21.71
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@131	18.28	18.52	21.41
78	30	50	633334	3500.01	DFT-s-OFDM 64 QAM	64@32	17.06	17.5	20.30
78	30	50	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	17.2	17.64	20.44
78	30	50	633334	3500.01	DFT-s-OFDM 64 QAM	1@131	16.91	17.28	20.11
78	30	50	633334	3500.01	DFT-s-OFDM 256 QAM	64@32	15.07	15.47	18.28
78	30	50	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	15.11	15.41	18.27
78	30	50	633334	3500.01	DFT-s-OFDM 256 QAM	1@131	14.78	15.12	17.96
78	30	50	633334	3500.01	CP-OFDM QPSK	67@33	18.45	17.63	21.07
78	30	50	633334	3500.01	CP-OFDM QPSK	1@1	18.44	17.7	21.10
78	30	50	633334	3500.01	CP-OFDM QPSK	1@131	18.25	17.48	20.89
78	30	50	633334	3500.01	CP-OFDM 16 QAM	67@33	17.96	17.13	20.58
78	30	50	633334	3500.01	CP-OFDM 16 QAM	1@1	17.86	17.11	20.51
78	30	50	633334	3500.01	CP-OFDM 16 QAM	1@131	17.71	16.85	20.31
78	30	50	633334	3500.01	CP-OFDM 64 QAM	67@33	16.43	15.7	19.09
78	30	50	633334	3500.01	CP-OFDM 64 QAM	1@1	16.58	15.32	19.01
78	30	50	633334	3500.01	CP-OFDM 64 QAM	1@131	16.42	15.19	18.86
78	30	50	633334	3500.01	CP-OFDM 256 QAM	67@33	13.59	13.13	16.38
78	30	50	633334	3500.01	CP-OFDM 256 QAM	1@1	13.57	13.36	16.48
78	30	50	633334	3500.01	CP-OFDM 256 QAM	1@131	12.53	13.1	15.83
78	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	64@32	19.72	19.94	22.84
78	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	19.6	19.98	22.80
78	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@131	19.47	19.52	22.51
78	30	50	635000	3525	DFT-s-OFDM QPSK	64@32	19.67	19.9	22.80
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	19.63	19.94	22.80
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@131	19.57	19.49	22.54
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	64@32	18.68	18.92	21.81
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	18.52	18.79	21.67
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@131	18.26	18.27	21.28
78	30	50	635000	3525	DFT-s-OFDM 64 QAM	64@32	17.19	17.36	20.29
78	30	50	635000	3525	DFT-s-OFDM 64 QAM	1@1	17.08	17.49	20.30
78	30	50	635000	3525	DFT-s-OFDM 64 QAM	1@131	17.01	17.01	20.02
78	30	50	635000	3525	DFT-s-OFDM 256 QAM	64@32	15.08	15.33	18.22
78	30	50	635000	3525	DFT-s-OFDM 256 QAM	1@1	15.02	15.37	18.21
78	30	50	635000	3525	DFT-s-OFDM 256 QAM	1@131	14.85	14.91	17.89

78	30	50	635000	3525	CP-OFDM QPSK	67@33	18.65	17.69	21.21
78	30	50	635000	3525	CP-OFDM QPSK	1@1	18.45	18.17	21.32
78	30	50	635000	3525	CP-OFDM QPSK	1@131	18.24	18.11	21.19
78	30	50	635000	3525	CP-OFDM 16 QAM	67@33	17.95	17.65	20.81
78	30	50	635000	3525	CP-OFDM 16 QAM	1@1	17.86	17.43	20.66
78	30	50	635000	3525	CP-OFDM 16 QAM	1@131	17.7	17.47	20.60
78	30	50	635000	3525	CP-OFDM 64 QAM	67@33	16.37	16.12	19.26
78	30	50	635000	3525	CP-OFDM 64 QAM	1@1	16.45	15.93	19.21
78	30	50	635000	3525	CP-OFDM 64 QAM	1@131	16.37	15.9	19.15
78	30	50	635000	3525	CP-OFDM 256 QAM	67@33	13.55	13.22	16.40
78	30	50	635000	3525	CP-OFDM 256 QAM	1@1	13.53	13.18	16.37
78	30	50	635000	3525	CP-OFDM 256 QAM	1@131	13.35	13.24	16.31
78	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	81@40	19.76	20.04	22.91
78	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	1@1	19.69	20.22	22.97
78	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	1@160	19.32	19.63	22.49
78	30	60	632000	3480	DFT-s-OFDM QPSK	81@40	19.58	19.98	22.79
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	19.63	20.18	22.92
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@160	19.38	19.6	22.50
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	81@40	18.7	18.94	21.83
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	18.63	19.16	21.91
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@160	18.38	18.54	21.47
78	30	60	632000	3480	DFT-s-OFDM 64 QAM	81@40	17.22	17.54	20.39
78	30	60	632000	3480	DFT-s-OFDM 64 QAM	1@1	17.27	17.81	20.56
78	30	60	632000	3480	DFT-s-OFDM 64 QAM	1@160	16.96	17.24	20.11
78	30	60	632000	3480	DFT-s-OFDM 256 QAM	81@40	15.14	15.45	18.31
78	30	60	632000	3480	DFT-s-OFDM 256 QAM	1@1	15.14	15.75	18.47
78	30	60	632000	3480	DFT-s-OFDM 256 QAM	1@160	15.88	15.17	18.55
78	30	60	632000	3480	CP-OFDM QPSK	81@40	18.62	18.14	21.40
78	30	60	632000	3480	CP-OFDM QPSK	1@1	18.61	18.38	21.51
78	30	60	632000	3480	CP-OFDM QPSK	1@160	18.09	17.83	20.97
78	30	60	632000	3480	CP-OFDM 16 QAM	81@40	17.87	17.64	20.77
78	30	60	632000	3480	CP-OFDM 16 QAM	1@1	17.94	17.71	20.84
78	30	60	632000	3480	CP-OFDM 16 QAM	1@160	17.5	17.22	20.37
78	30	60	632000	3480	CP-OFDM 64 QAM	81@40	16.3	16.11	19.22
78	30	60	632000	3480	CP-OFDM 64 QAM	1@1	16.71	16.03	19.39
78	30	60	632000	3480	CP-OFDM 64 QAM	1@160	16.31	15.51	18.94

78	30	60	632000	3480	CP-OFDM 256 QAM	81@40	13.62	13.24	16.44
78	30	60	632000	3480	CP-OFDM 256 QAM	1@1	13.72	13.49	16.62
78	30	60	632000	3480	CP-OFDM 256 QAM	1@160	13.28	13.08	16.19
78	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	81@40	19.64	20.09	22.88
78	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	19.84	20.16	23.01
78	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@160	19.48	19.64	22.57
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	81@40	19.53	19.98	22.77
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	19.72	20.1	22.92
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@160	19.26	19.67	22.48
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	81@40	18.68	19	21.85
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	18.67	19.08	21.89
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@160	18.29	18.57	21.44
78	30	60	633334	3500.01	DFT-s-OFDM 64 QAM	81@40	17.12	17.56	20.36
78	30	60	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	17.28	17.8	20.56
78	30	60	633334	3500.01	DFT-s-OFDM 64 QAM	1@160	16.92	17.16	20.05
78	30	60	633334	3500.01	DFT-s-OFDM 256 QAM	81@40	15.06	15.5	18.30
78	30	60	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	15.16	15.71	18.45
78	30	60	633334	3500.01	DFT-s-OFDM 256 QAM	1@160	14.78	15.14	17.97
78	30	60	633334	3500.01	CP-OFDM QPSK	81@40	18.38	15.97	20.35
78	30	60	633334	3500.01	CP-OFDM QPSK	1@1	18.47	18.34	21.42
78	30	60	633334	3500.01	CP-OFDM QPSK	1@160	18.21	17.93	21.08
78	30	60	633334	3500.01	CP-OFDM 16 QAM	81@40	17.89	17.68	20.80
78	30	60	633334	3500.01	CP-OFDM 16 QAM	1@1	17.76	17.66	20.72
78	30	60	633334	3500.01	CP-OFDM 16 QAM	1@160	17.67	17.37	20.53
78	30	60	633334	3500.01	CP-OFDM 64 QAM	81@40	16.34	16.15	19.26
78	30	60	633334	3500.01	CP-OFDM 64 QAM	1@1	16.54	16.01	19.29
78	30	60	633334	3500.01	CP-OFDM 64 QAM	1@160	16.41	15.64	19.05
78	30	60	633334	3500.01	CP-OFDM 256 QAM	81@40	13.64	13.22	16.45
78	30	60	633334	3500.01	CP-OFDM 256 QAM	1@1	13.55	13.36	16.47
78	30	60	633334	3500.01	CP-OFDM 256 QAM	1@160	13.24	13.12	16.19
78	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	81@40	19.65	19.91	22.79
78	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	1@1	19.79	20.01	22.91
78	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	1@160	19.55	19.63	22.60
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	81@40	19.73	19.98	22.87
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	19.79	20	22.91

78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@160	19.51	19.57	22.55
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	81@40	18.7	18.87	21.80
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	18.75	18.94	21.86
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@160	18.48	18.43	21.47
78	30	60	634666	3519.99	DFT-s-OFDM 64 QAM	81@40	17.21	17.44	20.34
78	30	60	634666	3519.99	DFT-s-OFDM 64 QAM	1@1	17.17	17.44	20.32
78	30	60	634666	3519.99	DFT-s-OFDM 64 QAM	1@160	16.94	16.91	19.94
78	30	60	634666	3519.99	DFT-s-OFDM 256 QAM	81@40	15.2	15.38	18.30
78	30	60	634666	3519.99	DFT-s-OFDM 256 QAM	1@1	15.11	15.38	18.26
78	30	60	634666	3519.99	DFT-s-OFDM 256 QAM	1@160	14.94	14.92	17.94
78	30	60	634666	3519.99	CP-OFDM QPSK	81@40	18.63	18.06	21.36
78	30	60	634666	3519.99	CP-OFDM QPSK	1@1	18.71	18.23	21.49
78	30	60	634666	3519.99	CP-OFDM QPSK	1@160	18.33	18.06	21.21
78	30	60	634666	3519.99	CP-OFDM 16 QAM	81@40	18	17.62	20.82
78	30	60	634666	3519.99	CP-OFDM 16 QAM	1@1	17.97	17.58	20.79
78	30	60	634666	3519.99	CP-OFDM 16 QAM	1@160	17.74	17.43	20.60
78	30	60	634666	3519.99	CP-OFDM 64 QAM	81@40	16.47	16.11	19.30
78	30	60	634666	3519.99	CP-OFDM 64 QAM	1@1	16.79	16	19.42
78	30	60	634666	3519.99	CP-OFDM 64 QAM	1@160	16.53	15.81	19.20
78	30	60	634666	3519.99	CP-OFDM 256 QAM	81@40	13.69	13.22	16.47
78	30	60	634666	3519.99	CP-OFDM 256 QAM	1@1	12.7	13.47	16.11
78	30	60	634666	3519.99	CP-OFDM 256 QAM	1@160	12.83	13.3	16.08
78	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	90@45	19.51	19.84	22.69
78	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	1@1	19.58	20.19	22.91
78	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	1@187	19.14	19.39	22.28
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	90@45	19.43	19.81	22.63
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	19.55	20.16	22.88
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@187	19.28	19.49	22.40
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	90@45	18.45	18.82	21.65
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	18.49	19.06	21.79
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@187	18.12	18.39	21.27
78	30	70	632334	3485.01	DFT-s-OFDM 64 QAM	90@45	16.99	17.34	20.18
78	30	70	632334	3485.01	DFT-s-OFDM 64 QAM	1@1	17.14	17.71	20.44
78	30	70	632334	3485.01	DFT-s-OFDM 64 QAM	1@187	16.68	17.05	19.88
78	30	70	632334	3485.01	DFT-s-OFDM 256 QAM	90@45	15.07	15.3	18.20

78	30	70	632334	3485.01	DFT-s-OFDM 256 QAM	1@1	15.05	15.71	18.40
78	30	70	632334	3485.01	DFT-s-OFDM 256 QAM	1@187	14.56	14.81	17.70
78	30	70	632334	3485.01	CP-OFDM QPSK	95@47	18.22	14.05	19.63
78	30	70	632334	3485.01	CP-OFDM QPSK	1@1	18.46	18.25	21.37
78	30	70	632334	3485.01	CP-OFDM QPSK	1@187	18.04	17.68	20.87
78	30	70	632334	3485.01	CP-OFDM 16 QAM	95@47	17.68	17.56	20.63
78	30	70	632334	3485.01	CP-OFDM 16 QAM	1@1	18.08	17.86	20.98
78	30	70	632334	3485.01	CP-OFDM 16 QAM	1@187	17.37	17.02	20.21
78	30	70	632334	3485.01	CP-OFDM 64 QAM	95@47	16.19	16.01	19.11
78	30	70	632334	3485.01	CP-OFDM 64 QAM	1@1	16.49	15.95	19.24
78	30	70	632334	3485.01	CP-OFDM 64 QAM	1@187	15.98	15.44	18.73
78	30	70	632334	3485.01	CP-OFDM 256 QAM	95@47	13.45	13.03	16.26
78	30	70	632334	3485.01	CP-OFDM 256 QAM	1@1	13.55	13.24	16.41
78	30	70	632334	3485.01	CP-OFDM 256 QAM	1@187	12.58	12.7	15.65
78	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	90@45	19.43	19.82	22.64
78	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	19.74	20.14	22.95
78	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@187	19.28	19.38	22.34
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	90@45	19.48	19.92	22.72
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	19.61	20.21	22.93
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@187	19.12	19.53	22.34
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	90@45	18.44	18.83	21.65
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	18.51	18.98	21.76
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@187	18.12	18.31	21.23
78	30	70	633334	3500.01	DFT-s-OFDM 64 QAM	90@45	16.88	17.41	20.16
78	30	70	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	17.16	17.8	20.50
78	30	70	633334	3500.01	DFT-s-OFDM 64 QAM	1@187	16.79	17.06	19.94
78	30	70	633334	3500.01	DFT-s-OFDM 256 QAM	90@45	14.89	15.36	18.14
78	30	70	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	15.05	15.59	18.34
78	30	70	633334	3500.01	DFT-s-OFDM 256 QAM	1@187	14.77	14.85	17.82
78	30	70	633334	3500.01	CP-OFDM QPSK	95@47	18.31	17.07	20.74
78	30	70	633334	3500.01	CP-OFDM QPSK	1@1	18.37	18.25	21.32
78	30	70	633334	3500.01	CP-OFDM QPSK	1@187	18.2	17.84	21.03
78	30	70	633334	3500.01	CP-OFDM 16 QAM	95@47	17.75	17.56	20.67
78	30	70	633334	3500.01	CP-OFDM 16 QAM	1@1	17.69	17.57	20.64
78	30	70	633334	3500.01	CP-OFDM 16 QAM	1@187	17.45	17.2	20.34
78	30	70	633334	3500.01	CP-OFDM 64 QAM	95@47	16.23	16.03	19.14

78	30	70	633334	3500.01	CP-OFDM 64 QAM	1@1	16.48	15.97	19.24
78	30	70	633334	3500.01	CP-OFDM 64 QAM	1@187	16.28	15.55	18.94
78	30	70	633334	3500.01	CP-OFDM 256 QAM	95@47	13.54	13.06	16.32
78	30	70	633334	3500.01	CP-OFDM 256 QAM	1@1	14.51	13.34	16.97
78	30	70	633334	3500.01	CP-OFDM 256 QAM	1@187	13.28	13.09	16.20
78	30	70	634332	3514.98	DFT-s-OFDM PI/2 BPSK	90@45	19.45	19.79	22.63
78	30	70	634332	3514.98	DFT-s-OFDM PI/2 BPSK	1@1	19.72	20.12	22.93
78	30	70	634332	3514.98	DFT-s-OFDM PI/2 BPSK	1@187	19.26	19.28	22.28
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	90@45	19.55	19.8	22.69
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	19.73	20.01	22.88
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@187	19.31	19.32	22.33
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	90@45	18.5	18.73	21.63
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	18.5	18.85	21.69
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@187	18.18	18.11	21.16
78	30	70	634332	3514.98	DFT-s-OFDM 64 QAM	90@45	16.98	17.27	20.14
78	30	70	634332	3514.98	DFT-s-OFDM 64 QAM	1@1	17.11	17.46	20.30
78	30	70	634332	3514.98	DFT-s-OFDM 64 QAM	1@187	16.65	16.71	19.69
78	30	70	634332	3514.98	DFT-s-OFDM 256 QAM	90@45	15.01	15.16	18.10
78	30	70	634332	3514.98	DFT-s-OFDM 256 QAM	1@1	15.16	15.5	18.34
78	30	70	634332	3514.98	DFT-s-OFDM 256 QAM	1@187	14.6	14.7	17.66
78	30	70	634332	3514.98	CP-OFDM QPSK	95@47	18.32	18.08	21.21
78	30	70	634332	3514.98	CP-OFDM QPSK	1@1	18.51	18.27	21.40
78	30	70	634332	3514.98	CP-OFDM QPSK	1@187	18.15	17.88	21.03
78	30	70	634332	3514.98	CP-OFDM 16 QAM	95@47	17.88	17.52	20.71
78	30	70	634332	3514.98	CP-OFDM 16 QAM	1@1	17.9	17.59	20.76
78	30	70	634332	3514.98	CP-OFDM 16 QAM	1@187	17.6	17.33	20.48
78	30	70	634332	3514.98	CP-OFDM 64 QAM	95@47	16.37	15.94	19.17
78	30	70	634332	3514.98	CP-OFDM 64 QAM	1@1	16.65	15.89	19.30
78	30	70	634332	3514.98	CP-OFDM 64 QAM	1@187	16.33	15.71	19.04
78	30	70	634332	3514.98	CP-OFDM 256 QAM	95@47	13.56	13.06	16.33
78	30	70	634332	3514.98	CP-OFDM 256 QAM	1@1	14.2	13.5	16.87
78	30	70	634332	3514.98	CP-OFDM 256 QAM	1@187	12.56	12.98	15.79
78	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	108@54	19.45	19.81	22.64
78	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	1@1	19.57	20.19	22.90
78	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	1@215	19.2	19.41	22.32

78	30	80	632668	3490.02	DFT-s-OFDM QPSK	108@54	19.41	19.77	22.60
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	19.49	20.13	22.83
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@215	19.2	19.43	22.33
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	108@54	18.4	18.8	21.61
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	18.38	18.96	21.69
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@215	17.89	18.14	21.03
78	30	80	632668	3490.02	DFT-s-OFDM 64 QAM	108@54	16.93	17.34	20.15
78	30	80	632668	3490.02	DFT-s-OFDM 64 QAM	1@1	16.9	17.57	20.26
78	30	80	632668	3490.02	DFT-s-OFDM 64 QAM	1@215	16.87	17	19.95
78	30	80	632668	3490.02	DFT-s-OFDM 256 QAM	108@54	14.94	15.32	18.14
78	30	80	632668	3490.02	DFT-s-OFDM 256 QAM	1@1	14.9	14.06	17.51
78	30	80	632668	3490.02	DFT-s-OFDM 256 QAM	1@215	14.59	14.75	17.68
78	30	80	632668	3490.02	CP-OFDM QPSK	109@54	18.27	15.08	19.97
78	30	80	632668	3490.02	CP-OFDM QPSK	1@1	18.45	18.3	21.39
78	30	80	632668	3490.02	CP-OFDM QPSK	1@215	18.02	17.74	20.89
78	30	80	632668	3490.02	CP-OFDM 16 QAM	109@54	17.76	17.59	20.69
78	30	80	632668	3490.02	CP-OFDM 16 QAM	1@1	17.85	17.51	20.69
78	30	80	632668	3490.02	CP-OFDM 16 QAM	1@215	17.42	16.99	20.22
78	30	80	632668	3490.02	CP-OFDM 64 QAM	109@54	16.27	16.03	19.16
78	30	80	632668	3490.02	CP-OFDM 64 QAM	1@1	16.49	16.06	19.29
78	30	80	632668	3490.02	CP-OFDM 64 QAM	1@215	16.04	15.49	18.78
78	30	80	632668	3490.02	CP-OFDM 256 QAM	109@54	13.49	13.03	16.28
78	30	80	632668	3490.02	CP-OFDM 256 QAM	1@1	13.32	13.44	16.39
78	30	80	632668	3490.02	CP-OFDM 256 QAM	1@215	13.21	12.84	16.04
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	108@54	19.4	19.81	22.62
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	19.56	20.22	22.91
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@215	19.28	19.44	22.37
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	108@54	19.5	19.89	22.71
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	19.48	20.16	22.84
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@215	19.18	19.45	22.33
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	108@54	18.4	18.91	21.67
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	18.42	18.94	21.70
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@215	17.99	18.22	21.12
78	30	80	633334	3500.01	DFT-s-OFDM 64 QAM	108@54	16.94	17.39	20.18
78	30	80	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	17	17.53	20.28

78	30	80	633334	3500.01	DFT-s-OFDM 64 QAM	1@215	16.58	16.79	19.70
78	30	80	633334	3500.01	DFT-s-OFDM 256 QAM	108@54	14.92	15.31	18.13
78	30	80	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	14.99	15.62	18.33
78	30	80	633334	3500.01	DFT-s-OFDM 256 QAM	1@215	14.6	14.82	17.72
78	30	80	633334	3500.01	CP-OFDM QPSK	109@54	18.23	15.01	19.92
78	30	80	633334	3500.01	CP-OFDM QPSK	1@1	18.33	18.2	21.28
78	30	80	633334	3500.01	CP-OFDM QPSK	1@215	18.09	17.81	20.96
78	30	80	633334	3500.01	CP-OFDM 16 QAM	109@54	17.79	17.58	20.70
78	30	80	633334	3500.01	CP-OFDM 16 QAM	1@1	17.87	17.39	20.65
78	30	80	633334	3500.01	CP-OFDM 16 QAM	1@215	17.61	17.11	20.38
78	30	80	633334	3500.01	CP-OFDM 64 QAM	109@54	16.26	15.99	19.14
78	30	80	633334	3500.01	CP-OFDM 64 QAM	1@1	16.27	15.9	19.10
78	30	80	633334	3500.01	CP-OFDM 64 QAM	1@215	16.11	15.52	18.84
78	30	80	633334	3500.01	CP-OFDM 256 QAM	109@54	13.51	13.03	16.29
78	30	80	633334	3500.01	CP-OFDM 256 QAM	1@1	13.5	13.34	16.43
78	30	80	633334	3500.01	CP-OFDM 256 QAM	1@215	13.25	12.91	16.09
78	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	108@54	19.44	19.77	22.62
78	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	1@1	19.61	20.01	22.82
78	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	1@215	19.19	19.3	22.26
78	30	80	634000	3510	DFT-s-OFDM QPSK	108@54	19.43	19.8	22.63
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	19.57	19.97	22.78
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@215	19.08	19.23	22.17
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	108@54	18.46	18.69	21.59
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	18.38	18.81	21.61
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@215	17.99	18.17	21.09
78	30	80	634000	3510	DFT-s-OFDM 64 QAM	108@54	16.92	17.25	20.10
78	30	80	634000	3510	DFT-s-OFDM 64 QAM	1@1	17.01	17.42	20.23
78	30	80	634000	3510	DFT-s-OFDM 64 QAM	1@215	16.6	16.64	19.63
78	30	80	634000	3510	DFT-s-OFDM 256 QAM	108@54	14.84	15.23	18.05
78	30	80	634000	3510	DFT-s-OFDM 256 QAM	1@1	14.98	15.38	18.19
78	30	80	634000	3510	DFT-s-OFDM 256 QAM	1@215	14.59	14.67	17.64
78	30	80	634000	3510	CP-OFDM QPSK	109@54	18.41	17.96	21.20
78	30	80	634000	3510	CP-OFDM QPSK	1@1	18.51	18.2	21.37
78	30	80	634000	3510	CP-OFDM QPSK	1@215	18.07	17.97	21.03
78	30	80	634000	3510	CP-OFDM 16 QAM	109@54	17.9	17.56	20.74
78	30	80	634000	3510	CP-OFDM 16 QAM	1@1	17.83	17.46	20.66

78	30	80	634000	3510	CP-OFDM 16 QAM	1@215	17.55	17.21	20.39
78	30	80	634000	3510	CP-OFDM 64 QAM	109@54	16.42	15.92	19.19
78	30	80	634000	3510	CP-OFDM 64 QAM	1@1	16.5	15.95	19.24
78	30	80	634000	3510	CP-OFDM 64 QAM	1@215	16.19	15.61	18.92
78	30	80	634000	3510	CP-OFDM 256 QAM	109@54	13.56	13.14	16.37
78	30	80	634000	3510	CP-OFDM 256 QAM	1@1	13.65	13.39	16.53
78	30	80	634000	3510	CP-OFDM 256 QAM	1@215	13.96	12.99	16.51
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	120@60	19.46	19.7	22.59
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@1	19.55	20.17	22.88
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@243	19.22	19.32	22.28
78	30	90	633000	3495	DFT-s-OFDM QPSK	120@60	19.47	19.87	22.68
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	19.52	20.18	22.87
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@243	19.26	19.36	22.32
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	120@60	18.57	18.79	21.69
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	18.44	19.02	21.75
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@243	18.16	18.27	21.23
78	30	90	633000	3495	DFT-s-OFDM 64 QAM	120@60	17.06	17.4	20.24
78	30	90	633000	3495	DFT-s-OFDM 64 QAM	1@1	17.11	17.9	20.53
78	30	90	633000	3495	DFT-s-OFDM 64 QAM	1@243	16.87	16.99	19.94
78	30	90	633000	3495	DFT-s-OFDM 256 QAM	120@60	14.89	15.22	18.07
78	30	90	633000	3495	DFT-s-OFDM 256 QAM	1@1	15.52	15.63	18.59
78	30	90	633000	3495	DFT-s-OFDM 256 QAM	1@243	14.6	14.75	17.69
78	30	90	633000	3495	CP-OFDM QPSK	123@61	18.32	18.03	21.19
78	30	90	633000	3495	CP-OFDM QPSK	1@1	18.46	18.34	21.41
78	30	90	633000	3495	CP-OFDM QPSK	1@243	18.08	17.79	20.95
78	30	90	633000	3495	CP-OFDM 16 QAM	123@61	17.76	17.6	20.69
78	30	90	633000	3495	CP-OFDM 16 QAM	1@1	17.92	17.52	20.73
78	30	90	633000	3495	CP-OFDM 16 QAM	1@243	17.51	17.16	20.35
78	30	90	633000	3495	CP-OFDM 64 QAM	123@61	16.28	16.02	19.16
78	30	90	633000	3495	CP-OFDM 64 QAM	1@1	16.36	15.97	19.18
78	30	90	633000	3495	CP-OFDM 64 QAM	1@243	16.17	15.63	18.92
78	30	90	633000	3495	CP-OFDM 256 QAM	123@61	13.51	13.05	16.30
78	30	90	633000	3495	CP-OFDM 256 QAM	1@1	13.68	13.4	16.55
78	30	90	633000	3495	CP-OFDM 256 QAM	1@243	12.67	12.35	15.52
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	120@60	19.42	19.97	22.71

78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	19.59	20.16	22.89
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@243	19.36	19.34	22.36
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	120@60	19.48	19.81	22.66
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	19.5	20.15	22.85
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@243	19.23	19.33	22.29
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	120@60	18.42	18.78	21.61
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	18.57	19.25	21.93
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@243	18.26	18.31	21.30
78	30	90	633334	3500.01	DFT-s-OFDM 64 QAM	120@60	16.99	17.37	20.19
78	30	90	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	17.15	17.81	20.50
78	30	90	633334	3500.01	DFT-s-OFDM 64 QAM	1@243	16.77	17	19.90
78	30	90	633334	3500.01	DFT-s-OFDM 256 QAM	120@60	14.93	15.34	18.15
78	30	90	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	14.87	14.82	17.86
78	30	90	633334	3500.01	DFT-s-OFDM 256 QAM	1@243	14.58	14.78	17.69
78	30	90	633334	3500.01	CP-OFDM QPSK	123@61	18.27	16.48	20.48
78	30	90	633334	3500.01	CP-OFDM QPSK	1@1	18.29	18.33	21.32
78	30	90	633334	3500.01	CP-OFDM QPSK	1@243	18.09	17.9	21.01
78	30	90	633334	3500.01	CP-OFDM 16 QAM	123@61	17.74	17.56	20.66
78	30	90	633334	3500.01	CP-OFDM 16 QAM	1@1	17.77	17.48	20.64
78	30	90	633334	3500.01	CP-OFDM 16 QAM	1@243	17.52	17.22	20.38
78	30	90	633334	3500.01	CP-OFDM 64 QAM	123@61	16.28	15.99	19.15
78	30	90	633334	3500.01	CP-OFDM 64 QAM	1@1	16.43	15.93	19.20
78	30	90	633334	3500.01	CP-OFDM 64 QAM	1@243	16.09	15.75	18.93
78	30	90	633334	3500.01	CP-OFDM 256 QAM	123@61	13.43	13.08	16.27
78	30	90	633334	3500.01	CP-OFDM 256 QAM	1@1	13.55	13.32	16.45
78	30	90	633334	3500.01	CP-OFDM 256 QAM	1@243	13.52	13.09	16.32
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	120@60	19.49	19.96	22.74
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@1	19.56	20.22	22.91
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@243	19.21	19.39	22.31
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	120@60	19.51	19.98	22.76
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	19.61	20.17	22.91
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@243	19.24	19.34	22.30
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	120@60	18.45	18.97	21.73
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	18.37	18.97	21.69
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@243	18.04	18.23	21.15

78	30	90	633666	3504.99	DFT-s-OFDM 64 QAM	120@60	16.96	17.38	20.19
78	30	90	633666	3504.99	DFT-s-OFDM 64 QAM	1@1	17.23	17.77	20.52
78	30	90	633666	3504.99	DFT-s-OFDM 64 QAM	1@243	16.79	17	19.91
78	30	90	633666	3504.99	DFT-s-OFDM 256 QAM	120@60	14.91	15.36	18.15
78	30	90	633666	3504.99	DFT-s-OFDM 256 QAM	1@1	14.99	15.49	18.26
78	30	90	633666	3504.99	DFT-s-OFDM 256 QAM	1@243	14.59	14.72	17.67
78	30	90	633666	3504.99	CP-OFDM QPSK	123@61	18.36	17.86	21.13
78	30	90	633666	3504.99	CP-OFDM QPSK	1@1	18.48	18.34	21.42
78	30	90	633666	3504.99	CP-OFDM QPSK	1@243	18.11	17.97	21.05
78	30	90	633666	3504.99	CP-OFDM 16 QAM	123@61	17.83	17.61	20.73
78	30	90	633666	3504.99	CP-OFDM 16 QAM	1@1	17.85	17.47	20.67
78	30	90	633666	3504.99	CP-OFDM 16 QAM	1@243	17.5	17.25	20.39
78	30	90	633666	3504.99	CP-OFDM 64 QAM	123@61	16.4	16.07	19.25
78	30	90	633666	3504.99	CP-OFDM 64 QAM	1@1	16.46	16.02	19.26
78	30	90	633666	3504.99	CP-OFDM 64 QAM	1@243	16.06	15.77	18.93
78	30	90	633666	3504.99	CP-OFDM 256 QAM	123@61	13.47	13.06	16.28
78	30	90	633666	3504.99	CP-OFDM 256 QAM	1@1	13.63	13.54	16.60
78	30	90	633666	3504.99	CP-OFDM 256 QAM	1@243	13.05	13.09	16.08
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	19.47	19.88	22.69
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	19.55	20.16	22.88
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	19.23	19.38	22.32
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	19.46	19.93	22.71
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	19.52	20.19	22.88
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	19.17	19.35	22.27
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	18.48	18.89	21.70
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	18.38	19	21.71
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	18.09	18.25	21.18
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	16.93	17.36	20.16
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	17.23	17.72	20.49
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	16.82	16.97	19.91
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	14.92	15.29	18.12
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	14.98	15.56	18.29
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	14.58	14.71	17.66
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	18.32	17.98	21.16
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	18.52	18.26	21.40
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	18.01	17.88	20.96

78	30	100	633334	3500.01	CP-OFDM 16 QAM	137@68	17.77	17.56	20.68
78	30	100	633334	3500.01	CP-OFDM 16 QAM	1@1	17.84	17.64	20.75
78	30	100	633334	3500.01	CP-OFDM 16 QAM	1@271	17.46	17.33	20.41
78	30	100	633334	3500.01	CP-OFDM 64 QAM	137@68	16.28	15.98	19.14
78	30	100	633334	3500.01	CP-OFDM 64 QAM	1@1	16.38	15.93	19.17
78	30	100	633334	3500.01	CP-OFDM 64 QAM	1@271	16.14	15.6	18.89
78	30	100	633334	3500.01	CP-OFDM 256 QAM	137@68	13.39	13.12	16.27
78	30	100	633334	3500.01	CP-OFDM 256 QAM	1@1	13.57	13.46	16.53
78	30	100	633334	3500.01	CP-OFDM 256 QAM	1@271	13.53	13.07	16.32



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Test Engineer :	Levi Zhuo	Temperature :	22~23°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antenna combinations for EN-DC mode, we choose the worst antenna mode to test.

SA n77 / NR 100MHz / QPSK / ANT2								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6900	-62.19	-13	-49.19	-72.67	2.76	13.24	H
	10350	-47.61	-13	-34.61	-57.20	3.42	13.01	H
	13818	-59.42	-13	-46.42	-69.03	3.83	13.44	H
	6900	-59.78	-13	-46.78	-70.22	2.80	13.24	V
	10350	-47.10	-13	-34.10	-56.65	3.46	13.01	V
	13818	-59.74	-13	-46.74	-69.30	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_7A_n77A / LTE 20MHz + NR 100MHz / QPSK / ANT0+2								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6910	-63.79	-13	-50.79	-74.27	2.76	13.24	H
	10350	-58.75	-13	-45.75	-68.34	3.42	13.01	H
	13818	-59.54	-13	-46.54	-69.15	3.83	13.44	H
	6900	-56.57	-13	-43.57	-67.01	2.80	13.24	V
	10350	-52.19	-13	-39.19	-61.74	3.46	13.01	V
	13818	-59.73	-13	-46.73	-69.29	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n77 UL MIMO / NR 100MHz / QPSK / ANT2+7								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6912	-62.10	-13	-49.10	-72.58	2.76	13.24	H
	10356	-58.96	-13	-45.96	-68.55	3.42	13.01	H
	13824	-59.17	-13	-46.17	-68.78	3.83	13.44	H
	6912	-62.47	-13	-49.47	-72.91	2.80	13.24	V
	10356	-50.08	-13	-37.08	-59.63	3.46	13.01	V
	13824	-58.84	-13	-45.84	-68.40	3.88	13.44	V

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n77 UL MIMO / NR 100MHz / QPSK / ANT2+3								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6912	-62.34	-13	-49.34	-72.82	2.76	13.24	H
	10356	-58.05	-13	-45.05	-67.64	3.42	13.01	H
	13824	-59.10	-13	-46.10	-68.71	3.83	13.44	H
	6912	-62.72	-13	-49.72	-73.16	2.80	13.24	V
	10356	-55.14	-13	-42.14	-64.69	3.46	13.01	V
	13824	-59.16	-13	-46.16	-68.72	3.88	13.44	V

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n77 UL MIMO / NR 100MHz / QPSK / ANT2+8								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6912	-62.49	-13	-49.49	-72.97	2.76	13.24	H
	10356	-58.73	-13	-45.73	-68.32	3.42	13.01	H
	13824	-58.97	-13	-45.97	-68.58	3.83	13.44	H
	6912	-62.50	-13	-49.50	-72.94	2.80	13.24	V
	10356	-58.91	-13	-45.91	-68.46	3.46	13.01	V
	13824	-59.30	-13	-46.30	-68.86	3.88	13.44	V

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n77 UL MIMO / NR 100MHz / QPSK / ANT7+3								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6912	-62.00	-13	-49.00	-72.48	2.76	13.24	H
	10356	-58.56	-13	-45.56	-68.15	3.42	13.01	H
	13824	-59.21	-13	-46.21	-68.82	3.83	13.44	H
	6912	-62.73	-13	-49.73	-73.17	2.80	13.24	V
	10356	-58.87	-13	-45.87	-68.42	3.46	13.01	V
	13824	-59.27	-13	-46.27	-68.83	3.88	13.44	V

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n77 UL MIMO / NR 100MHz / QPSK / ANT7+8								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6912	-62.46	-13	-49.46	-72.94	2.76	13.24	H
	10368	-59.05	-13	-46.05	-68.64	3.42	13.01	H
	13824	-59.35	-13	-46.35	-68.96	3.83	13.44	H
	6912	-62.45	-13	-49.45	-72.89	2.80	13.24	V
	10368	-60.79	-13	-47.79	-70.34	3.46	13.01	V
	13824	-59.13	-13	-46.13	-68.69	3.88	13.44	V

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n77 UL MIMO / NR 100MHz / QPSK / ANT3+8								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6912	-62.46	-13	-49.46	-72.94	2.76	13.24	H
	10368	-60.05	-13	-47.05	-69.64	3.42	13.01	H
	13824	-59.35	-13	-46.35	-68.96	3.83	13.44	H
	6912	-62.45	-13	-49.45	-72.89	2.80	13.24	V
	10368	-60.79	-13	-47.79	-70.34	3.46	13.01	V
	13824	-59.13	-13	-46.13	-68.69	3.88	13.44	V

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.