

FCC Part 22H

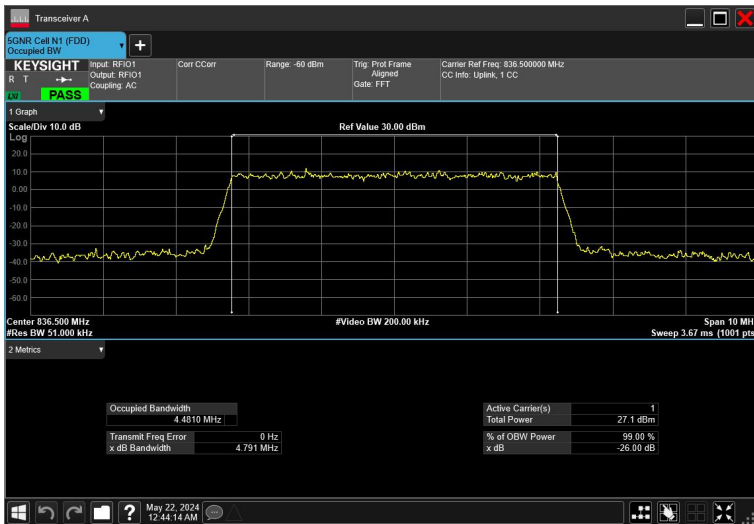
Occupied Bandwidth

n5

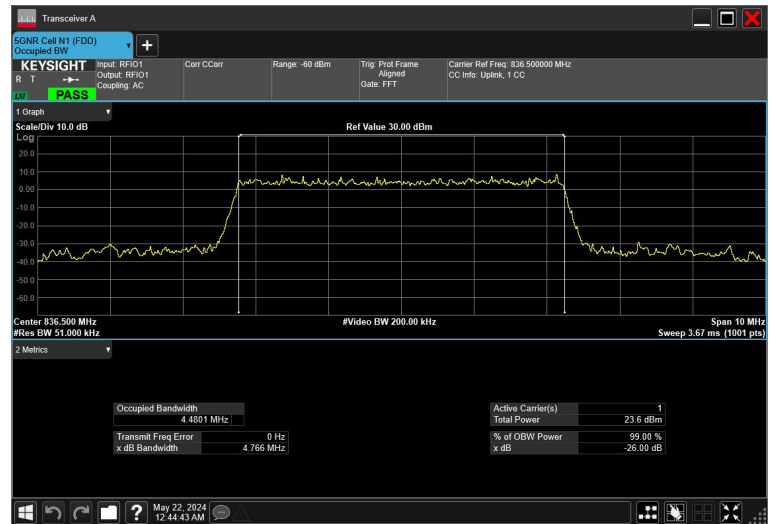
Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_836.5MHz_CP-OFDM 16 QAM_RB25@0	4.481	4.791
5MHz_15kHz_836.5MHz_CP-OFDM 256 QAM_RB25@0	4.480	4.766
5MHz_15kHz_836.5MHz_CP-OFDM 64 QAM_RB25@0	4.466	4.738
5MHz_15kHz_836.5MHz_CP-OFDM QPSK_RB25@0	4.462	4.767
5MHz_15kHz_836.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.463	4.779
5MHz_15kHz_836.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.462	4.739
5MHz_15kHz_836.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.463	4.775
5MHz_15kHz_836.5MHz_DFT-s-OFDM QPSK_RB25@0	4.464	4.736
5MHz_15kHz_836.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB25@0	4.468	4.771
10MHz_15kHz_836.5MHz_CP-OFDM 16 QAM_RB52@0	9.260	9.685
10MHz_15kHz_836.5MHz_CP-OFDM 256 QAM_RB52@0	9.256	9.717
10MHz_15kHz_836.5MHz_CP-OFDM 64 QAM_RB52@0	9.285	9.749
10MHz_15kHz_836.5MHz_CP-OFDM QPSK_RB52@0	9.284	9.656
10MHz_15kHz_836.5MHz_DFT-s-OFDM 16 QAM_RB50@0	9.177	9.345
10MHz_15kHz_836.5MHz_DFT-s-OFDM 256 QAM_RB50@0	9.250	9.357
10MHz_15kHz_836.5MHz_DFT-s-OFDM 64 QAM_RB50@0	9.244	9.397
10MHz_15kHz_836.5MHz_DFT-s-OFDM QPSK_RB50@0	9.178	9.326
10MHz_15kHz_836.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	9.173	9.338
15MHz_15kHz_836.5MHz_CP-OFDM 16 QAM_RB79@0	14.070	14.767
15MHz_15kHz_836.5MHz_CP-OFDM 256 QAM_RB79@0	14.118	14.757
15MHz_15kHz_836.5MHz_CP-OFDM 64 QAM_RB79@0	14.068	14.765
15MHz_15kHz_836.5MHz_CP-OFDM QPSK_RB79@0	14.101	14.762
15MHz_15kHz_836.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.982	14.078
15MHz_15kHz_836.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.983	14.031
15MHz_15kHz_836.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.999	14.071
15MHz_15kHz_836.5MHz_DFT-s-OFDM QPSK_RB75@0	13.994	13.985
15MHz_15kHz_836.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0	13.931	13.999
20MHz_15kHz_836.5MHz_CP-OFDM 16 QAM_RB106@0	18.834	19.683
20MHz_15kHz_836.5MHz_CP-OFDM 256 QAM_RB106@0	18.902	19.634
20MHz_15kHz_836.5MHz_CP-OFDM 64 QAM_RB106@0	18.903	19.711
20MHz_15kHz_836.5MHz_CP-OFDM QPSK_RB106@0	18.886	19.55
20MHz_15kHz_836.5MHz_DFT-s-OFDM 16 QAM_RB100@0	18.736	18.61
20MHz_15kHz_836.5MHz_DFT-s-OFDM 256 QAM_RB100@0	18.800	18.641
20MHz_15kHz_836.5MHz_DFT-s-OFDM 64 QAM_RB100@0	18.745	18.639
20MHz_15kHz_836.5MHz_DFT-s-OFDM QPSK_RB100@0	18.648	18.575
20MHz_15kHz_836.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	18.720	18.609

n5

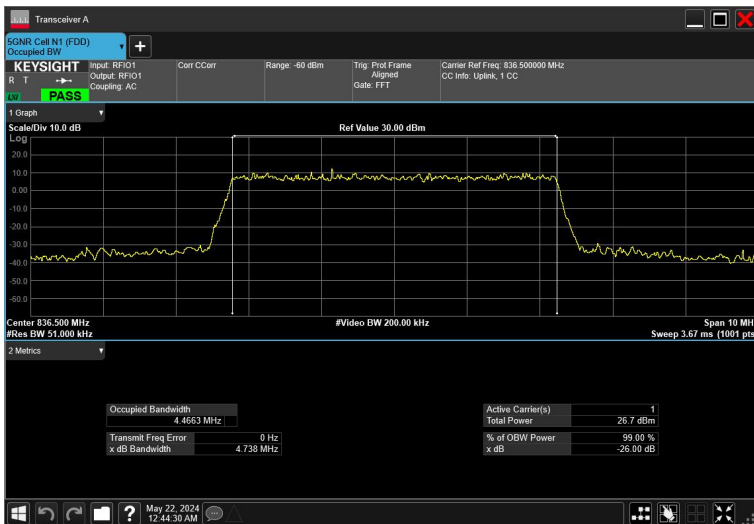
5MHz_15kHz_836.5MHz_CP-OFDM 16 QAM_RB25@0
4.481 MHz



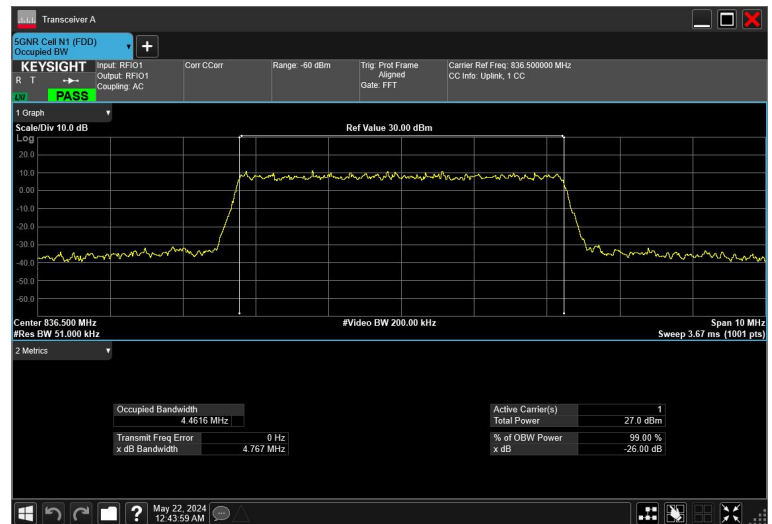
5MHz_15kHz_836.5MHz_CP-OFDM 256 QAM_RB25@0
4.480 MHz



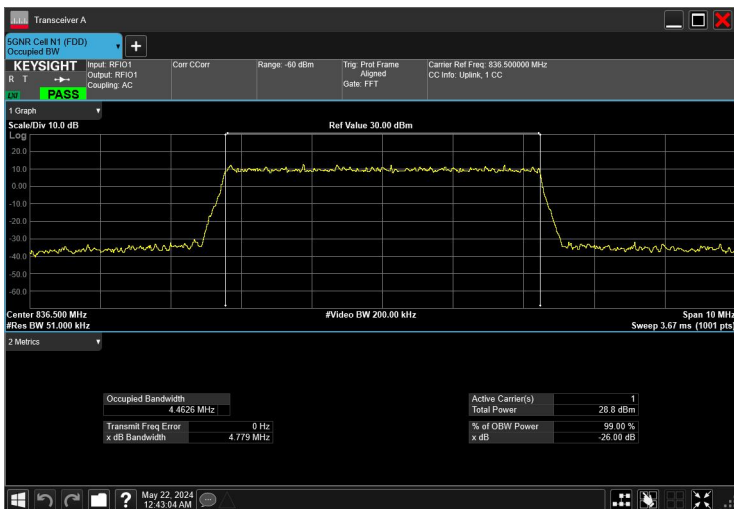
5MHz_15kHz_836.5MHz_CP-OFDM 64 QAM_RB25@0
4.466 MHz



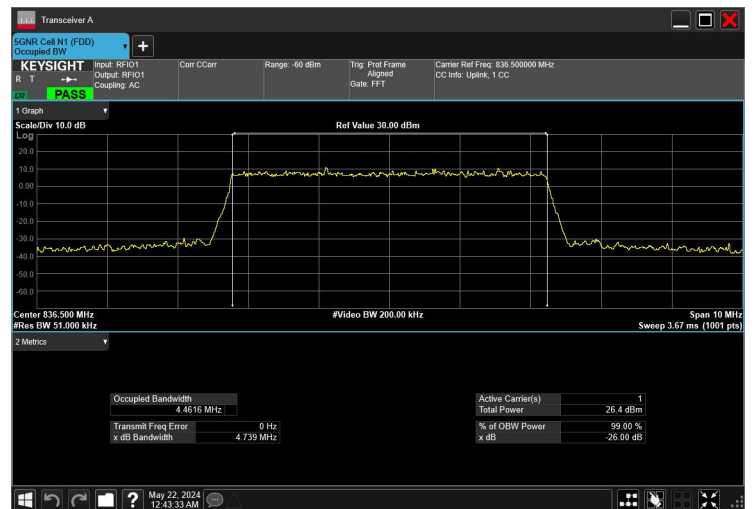
5MHz_15kHz_836.5MHz_CP-OFDM QPSK_RB25@0
4.462 MHz



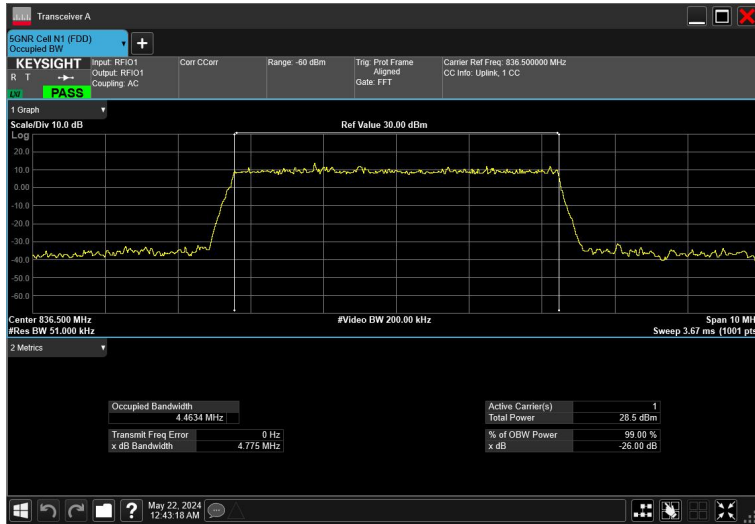
5MHz_15kHz_836.5MHz_DFT-s-OFDM 16 QAM_RB25@0
4.463 MHz



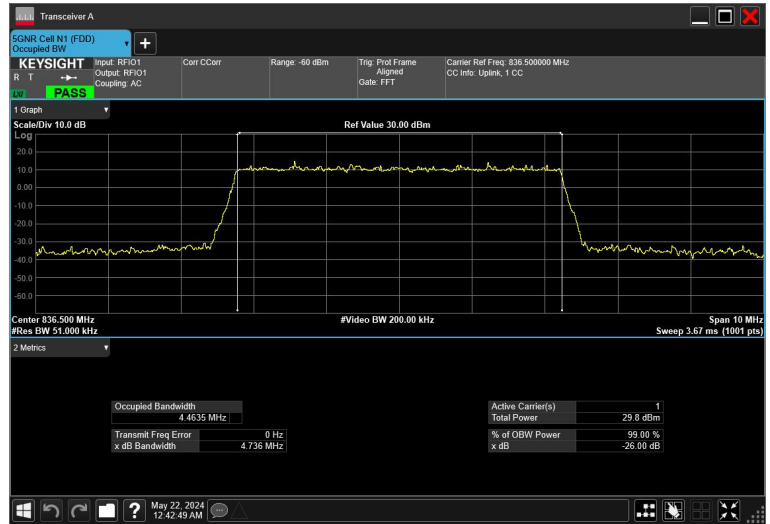
5MHz_15kHz_836.5MHz_DFT-s-OFDM 256 QAM_RB25@0
4.462 MHz



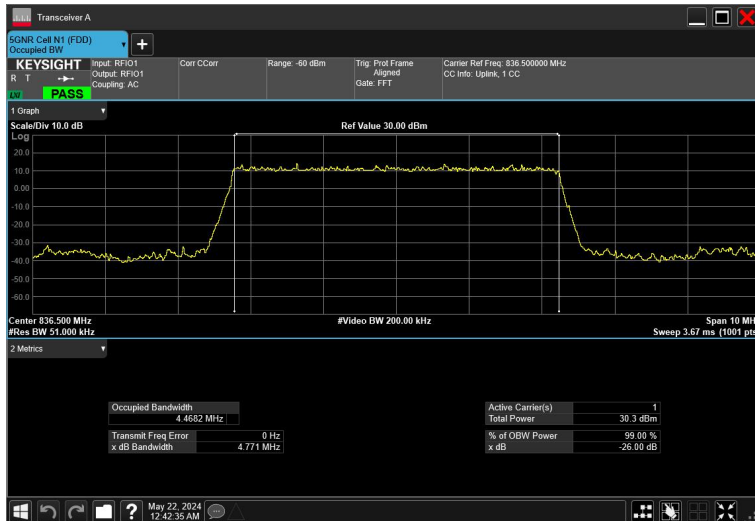
5MHz_15kHz_836.5MHz_DFT-s-OFDM 64 QAM_RB25@0
4.463 MHz



5MHz_15kHz_836.5MHz_DFT-s-OFDM QPSK_RB25@0
4.464 MHz



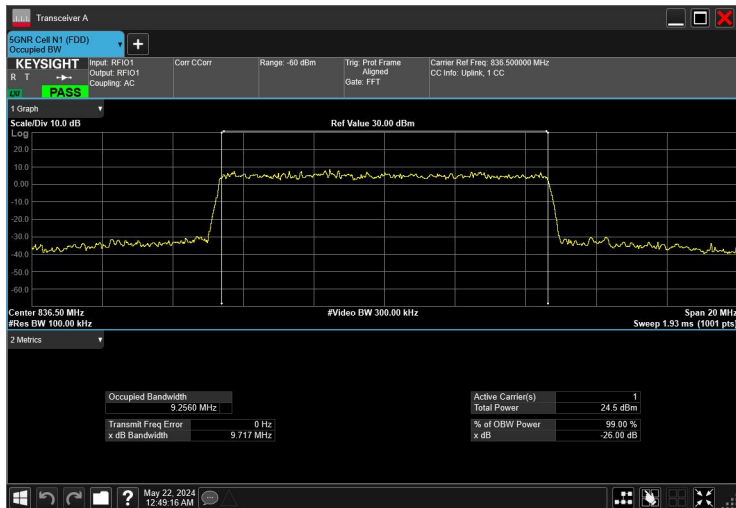
5MHz_15kHz_836.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB25@0
4.468 MHz



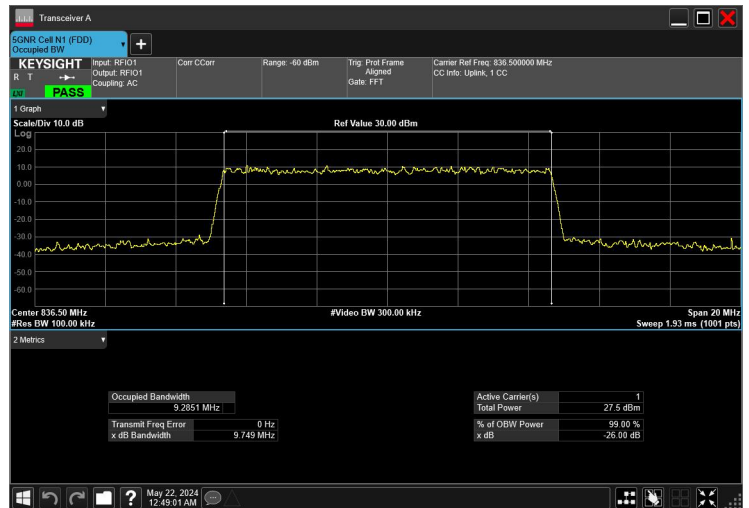
10MHz_15kHz_836.5MHz_CP-OFDM 16 QAM_RB52@0
9.260 MHz



10MHz_15kHz_836.5MHz_CP-OFDM 256 QAM_RB52@0
9.256 MHz



10MHz_15kHz_836.5MHz_CP-OFDM 64 QAM_RB52@0
9.285 MHz



10MHz_15kHz_836.5MHz_CP-OFDM QPSK_RB52@0
9.284 MHz



10MHz_15kHz_836.5MHz_DFT-s-OFDM 16 QAM_RB50@0
9.177 MHz



10MHz_15kHz_836.5MHz_DFT-s-OFDM 256 QAM_RB50@0
9.250 MHz



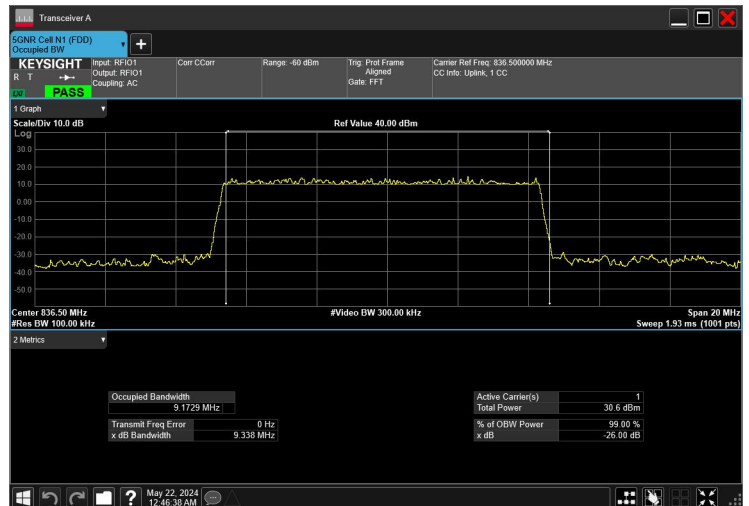
10MHz_15kHz_836.5MHz_DFT-s-OFDM 64 QAM_RB50@0
9.244 MHz



10MHz_15kHz_836.5MHz_DFT-s-OFDM QPSK_RB50@0
9.178 MHz



10MHz_15kHz_836.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0
9.173 MHz



15MHz_15kHz_836.5MHz_CP-OFDM 16 QAM_RB79@0
14.070 MHz



15MHz_15kHz_836.5MHz_CP-OFDM 256 QAM_RB79@0
14.118 MHz



15MHz_15kHz_836.5MHz_CP-OFDM 64 QAM_RB79@0
14.068 MHz



15MHz_15kHz_836.5MHz_CP-OFDM QPSK_RB79@0
14.101 MHz



15MHz_15kHz_836.5MHz_DFT-s-OFDM 16 QAM_RB75@0
13.982 MHz



15MHz_15kHz_836.5MHz_DFT-s-OFDM 256 QAM_RB75@0
13.983 MHz



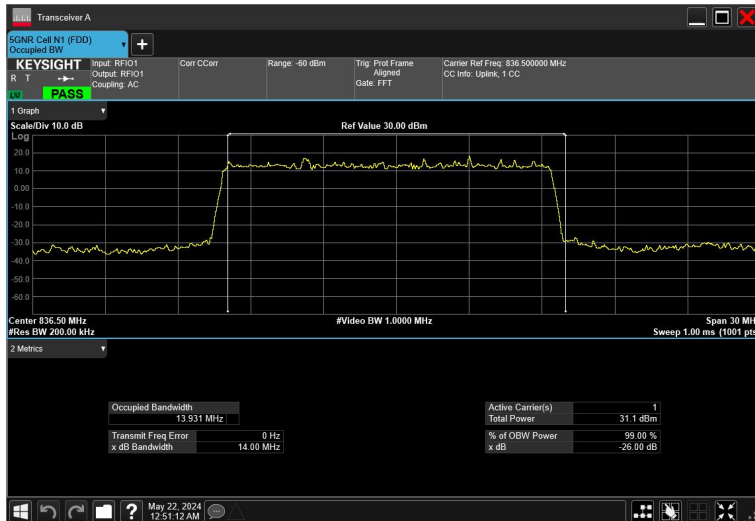
15MHz_15kHz_836.5MHz_DFT-s-OFDM 64 QAM_RB75@0
13.999 MHz



15MHz_15kHz_836.5MHz_DFT-s-OFDM QPSK_RB75@0
13.994 MHz



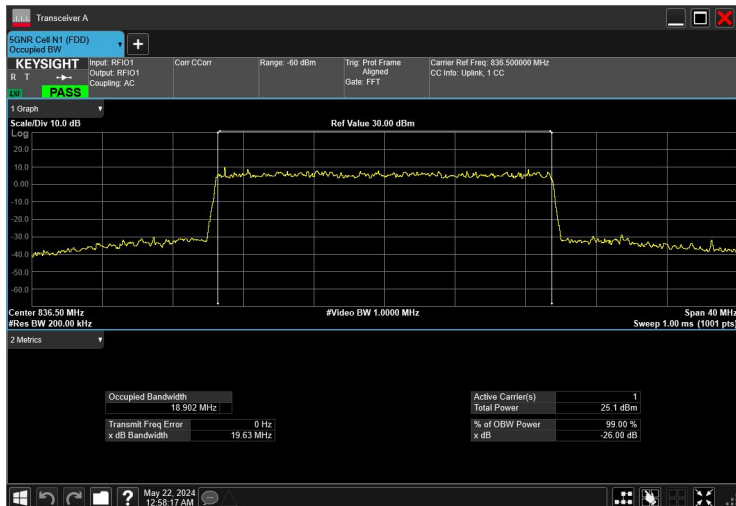
15MHz_15kHz_836.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0
13.931 MHz



20MHz_15kHz_836.5MHz_CP-OFDM 16 QAM_RB106@0
18.834 MHz



20MHz_15kHz_836.5MHz_CP-OFDM 256 QAM_RB106@0
18.902 MHz



20MHz_15kHz_836.5MHz_CP-OFDM 64 QAM_RB106@0
18.903 MHz



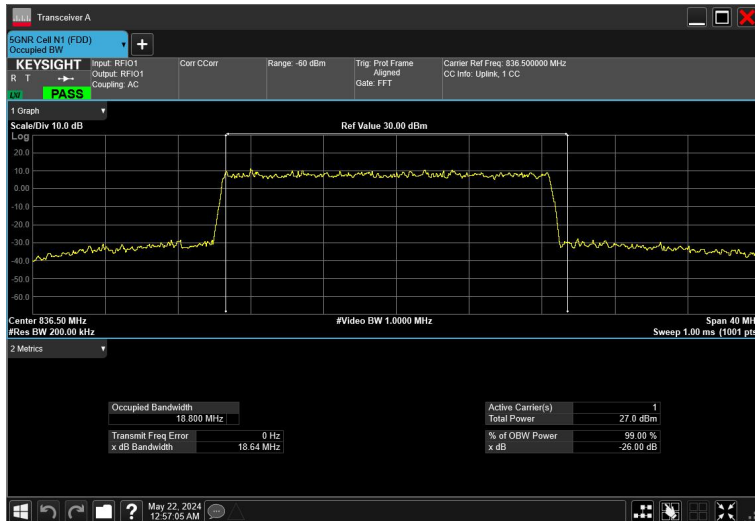
20MHz_15kHz_836.5MHz_CP-OFDM QPSK_RB100@0
18.886 MHz



20MHz_15kHz_836.5MHz_DFT-s-OFDM 16 QAM_RB100@0
18.736 MHz



20MHz_15kHz_836.5MHz_DFT-s-OFDM 256 QAM_RB100@0
18.800 MHz



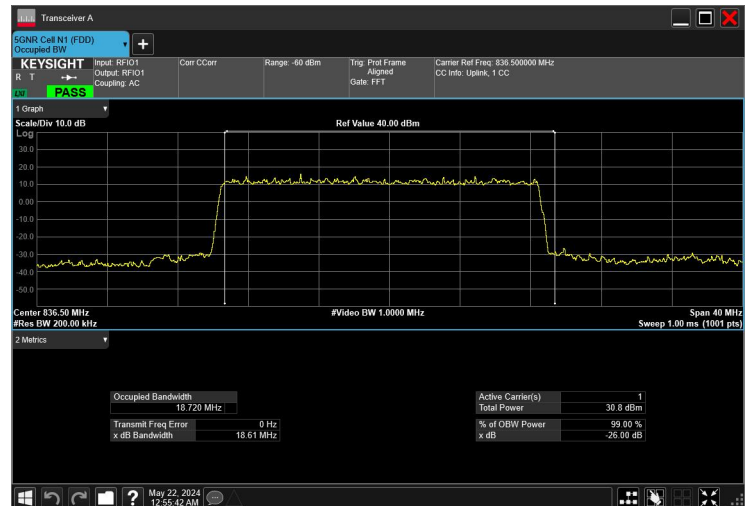
20MHz_15kHz_836.5MHz_DFT-s-OFDM 64 QAM_RB100@0
18.745 MHz



20MHz_15kHz_836.5MHz_DFT-s-OFDM QPSK_RB100@0
18.648 MHz



20MHz_15kHz_836.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0
18.720 MHz



FCC Part 27

Occupied Bandwidth

n12

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB25@0	4.480	4.816
5MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB25@0	4.446	4.72
5MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB25@0	4.468	4.784
5MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB25@0	4.465	4.778
5MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.449	4.79
5MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.469	4.772
5MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.449	4.689
5MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB25@0	4.460	4.765
5MHz_15kHz_707.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB25@0	4.481	4.786
10MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB52@0	9.294	9.728
10MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB52@0	9.220	9.685
10MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB52@0	9.289	9.746
10MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB52@0	9.282	9.654
10MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB50@0	9.173	9.379
10MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB50@0	9.251	9.359
10MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB50@0	9.220	9.355
10MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB50@0	9.201	9.318
10MHz_15kHz_707.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	9.174	9.362
15MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB79@0	14.100	14.749
15MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB79@0	14.112	14.704
15MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB79@0	14.067	14.763
15MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB79@0	14.068	14.805
15MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.948	14.092
15MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.946	13.956
15MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.888	14.078
15MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB75@0	13.998	14.078
15MHz_15kHz_707.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0	13.924	13.961

n38

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_2595MHz_CP-OFDM 16 QAM_RB25@0	4.465	4.737
5MHz_15kHz_2595MHz_CP-OFDM 256 QAM_RB25@0	4.468	4.767
5MHz_15kHz_2595MHz_CP-OFDM 64 QAM_RB25@0	4.464	4.752
5MHz_15kHz_2595MHz_CP-OFDM QPSK_RB25@0	4.462	4.758
5MHz_15kHz_2595MHz_DFT-s-OFDM 16 QAM_RB25@0	4.462	4.753
5MHz_15kHz_2595MHz_DFT-s-OFDM 256 QAM_RB25@0	4.469	4.761
5MHz_15kHz_2595MHz_DFT-s-OFDM 64 QAM_RB25@0	4.449	4.722
5MHz_15kHz_2595MHz_DFT-s-OFDM QPSK_RB25@0	4.448	4.76
5MHz_15kHz_2595MHz_DFT-s-OFDM $\pi/2$ BPSK_RB25@0	4.464	4.718

10MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB24@0	8.568	9.113
10MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB24@0	8.564	9.144
10MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB24@0	8.567	9.074
10MHz_30kHz_2595MHz_CP-OFDM QPSK_RB24@0	8.562	9.118
10MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB24@0	8.567	9.202
10MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB24@0	8.602	9.091
10MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB24@0	8.574	9.125
10MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB24@0	8.561	9.157
10MHz_30kHz_2595MHz_DFT-s-OFDM $\pi/2$ BPSK_RB24@0	8.537	9.142
15MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB38@0	13.579	14.455
15MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB38@0	13.522	14.378
15MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB38@0	13.529	14.312
15MHz_30kHz_2595MHz_CP-OFDM QPSK_RB38@0	13.565	14.291
15MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB36@0	13.455	13.716
15MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB36@0	13.444	13.643
15MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB36@0	13.468	13.674
15MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB36@0	13.447	13.638
15MHz_30kHz_2595MHz_DFT-s-OFDM $\pi/2$ BPSK_RB36@0	13.448	13.606
20MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB51@0	18.199	19.091
20MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB51@0	18.249	19.034
20MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB51@0	18.178	19.038
20MHz_30kHz_2595MHz_CP-OFDM QPSK_RB51@0	18.182	19.125
20MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB50@0	18.086	18.781
20MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB50@0	18.081	18.531
20MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB50@0	18.110	18.765
20MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB50@0	18.018	18.677
20MHz_30kHz_2595MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	18.016	18.73
25MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB65@0	23.205	24.248
25MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB65@0	23.139	24.166
25MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB65@0	23.122	24.17
25MHz_30kHz_2595MHz_CP-OFDM QPSK_RB65@0	23.204	24.248
25MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB64@0	22.926	23.866
25MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB64@0	23.009	23.882
25MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB64@0	23.104	23.901
25MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB64@0	23.104	23.976
25MHz_30kHz_2595MHz_DFT-s-OFDM $\pi/2$ BPSK_RB64@0	23.014	24.002
30MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB78@0	27.773	29.158
30MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB78@0	27.748	29.023
30MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB78@0	27.852	29.196
30MHz_30kHz_2595MHz_CP-OFDM QPSK_RB78@0	27.775	29.025
30MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB75@0	27.620	28.187
30MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB75@0	27.519	28.064
30MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB75@0	27.492	28.086

30MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB75@0	27.626	28.082
30MHz_30kHz_2595MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0	27.637	28.178
40MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB106@0	37.662	39.346
40MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB106@0	37.835	39.577
40MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB106@0	37.665	39.494
40MHz_30kHz_2595MHz_CP-OFDM QPSK_RB106@0	37.786	39.488
40MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB100@0	37.314	37.304
40MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB100@0	37.300	37.363
40MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB100@0	37.326	37.375
40MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB100@0	37.519	37.396
40MHz_30kHz_2595MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	37.464	37.18

n41

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB24@0	8.540	9.05
10MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB24@0	8.570	9.177
10MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB24@0	8.574	9.189
10MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB24@0	8.561	9.152
10MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB24@0	8.532	9.207
10MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB24@0	8.537	9.239
10MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB24@0	8.533	9.219
10MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB24@0	8.535	9.162
10MHz_30kHz_2592.99MHz_DFT-s-OFDM $\pi/2$ BPSK_RB24@0	8.575	9.221
15MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB38@0	13.572	14.382
15MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB38@0	13.561	14.454
15MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB38@0	13.525	14.287
15MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB38@0	13.566	14.385
15MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB36@0	13.455	13.793
15MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB36@0	13.468	13.657
15MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB36@0	13.463	13.576
15MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB36@0	13.517	13.754
15MHz_30kHz_2592.99MHz_DFT-s-OFDM $\pi/2$ BPSK_RB36@0	13.408	13.639
20MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB51@0	18.163	19.051
20MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB51@0	18.189	19.042
20MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB51@0	18.177	18.991
20MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB51@0	18.179	19.094
20MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB50@0	18.165	18.722
20MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB50@0	18.086	18.593

20MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB50@0	18.109	18.793
20MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB50@0	18.008	18.664
20MHz_30kHz_2592.99MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	18.023	18.749
30MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB78@0	27.769	29.202
30MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB78@0	27.741	29.144
30MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB78@0	27.843	29
30MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB78@0	27.841	29.073
30MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB75@0	27.627	28.144
30MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB75@0	27.510	28.143
30MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB75@0	27.499	28.167
30MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB75@0	27.515	28.144
30MHz_30kHz_2592.99MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0	27.642	28.074
40MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB106@0	37.787	39.659
40MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB106@0	37.805	39.57
40MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB106@0	37.673	39.49
40MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB106@0	37.665	39.775
40MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB100@0	37.351	37.215
40MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB100@0	37.628	37.426
40MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB100@0	37.307	37.423
40MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB100@0	37.517	37.302
40MHz_30kHz_2592.99MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	37.357	37.223
50MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB133@0	47.284	49.301
50MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB133@0	47.430	49.288
50MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB133@0	47.407	49.39
50MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB133@0	47.436	49.268
50MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB128@0	46.891	47.542
50MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB128@0	46.854	47.467
50MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB128@0	46.686	47.352
50MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB128@0	47.017	47.481
50MHz_30kHz_2592.99MHz_DFT-s-OFDM $\pi/2$ BPSK_RB128@0	46.879	47.345
60MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB162@0	57.654	60.395
60MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB162@0	57.606	60.317
60MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB162@0	57.702	60.328
60MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB162@0	57.656	60.34
60MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB162@0	57.875	60.344
60MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB162@0	57.454	60.33

60MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB162@0	57.854	60.385
60MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB162@0	57.862	60.398
60MHz_30kHz_2592.99MHz_DFT-s-OFDM $\pi/2$ BPSK_RB162@0	57.697	60.439
80MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB217@0	77.236	80.156
80MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB217@0	77.266	80.108
80MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB217@0	77.208	80.26
80MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB217@0	77.248	80.155
80MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB216@0	76.855	79.741
80MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB216@0	76.933	79.825
80MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB216@0	76.883	79.765
80MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB216@0	77.126	79.914
80MHz_30kHz_2592.99MHz_DFT-s-OFDM $\pi/2$ BPSK_RB216@0	77.146	79.781
90MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB245@0	87.205	90.228
90MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB245@0	87.258	90.249
90MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB245@0	86.929	90.196
90MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB245@0	87.173	90.161
90MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB243@0	86.453	89.449
90MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB243@0	86.783	89.505
90MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB243@0	86.502	89.525
90MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB243@0	86.778	89.688
90MHz_30kHz_2592.99MHz_DFT-s-OFDM $\pi/2$ BPSK_RB243@0	86.528	89.536
100MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB273@0	96.895	100.307
100MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB273@0	96.974	100.255
100MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB273@0	97.211	100.246
100MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB273@0	96.938	100.309
100MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB270@0	96.194	99.12
100MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB270@0	96.061	99.124
100MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB270@0	95.701	99.106
100MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB270@0	96.009	99.274
100MHz_30kHz_2592.99MHz_DFT-s-OFDM $\pi/2$ BPSK_RB270@0	96.129	99.266

n66

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB25@0	4.449	4.761
5MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB25@0	4.468	4.721
5MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB25@0	4.468	4.716

5MHz_15kHz_1745MHz_CP-OFDM QPSK_RB25@0	4.449	4.756
5MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB25@0	4.461	4.76
5MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB25@0	4.461	4.731
5MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB25@0	4.449	4.747
5MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB25@0	4.465	4.761
5MHz_15kHz_1745MHz_DFT-s-OFDM $\pi/2$ BPSK_RB25@0	4.446	4.802
10MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB52@0	9.295	9.703
10MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB52@0	9.246	9.651
10MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB52@0	9.286	9.717
10MHz_15kHz_1745MHz_CP-OFDM QPSK_RB52@0	9.284	9.658
10MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB50@0	9.245	9.326
10MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB50@0	9.253	9.344
10MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB50@0	9.176	9.341
10MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB50@0	9.210	9.302
10MHz_15kHz_1745MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	9.179	9.351
15MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB79@0	14.101	14.699
15MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB79@0	14.057	14.709
15MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB79@0	14.108	14.717
15MHz_15kHz_1745MHz_CP-OFDM QPSK_RB79@0	14.105	14.802
15MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB75@0	13.946	14.047
15MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB75@0	13.987	14.069
15MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB75@0	13.930	14.117
15MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB75@0	13.988	14.038
15MHz_15kHz_1745MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0	13.989	14.104
20MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB106@0	18.885	19.66
20MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB106@0	18.918	19.745
20MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB106@0	18.910	19.726
20MHz_15kHz_1745MHz_CP-OFDM QPSK_RB106@0	18.882	19.722
20MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB100@0	18.721	18.572
20MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB100@0	18.801	18.59
20MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB100@0	18.751	18.684
20MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB100@0	18.672	18.619
20MHz_15kHz_1745MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	18.674	18.592
25MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB133@0	23.730	24.738
25MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB133@0	23.646	24.63
25MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB133@0	23.712	24.729
25MHz_15kHz_1745MHz_CP-OFDM QPSK_RB133@0	23.715	24.579
25MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB128@0	23.605	23.71
25MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB128@0	23.549	23.797
25MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB128@0	23.611	23.745
25MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB128@0	23.437	23.788
25MHz_15kHz_1745MHz_DFT-s-OFDM $\pi/2$ BPSK_RB128@0	23.514	23.794

30MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB160@0	28.483	29.73
30MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB160@0	28.468	29.66
30MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB160@0	28.492	29.575
30MHz_15kHz_1745MHz_CP-OFDM QPSK_RB160@0	28.462	29.726
30MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB160@0	28.587	29.757
30MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB160@0	28.498	29.527
30MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB160@0	28.561	29.617
30MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB160@0	28.466	29.658
30MHz_15kHz_1745MHz_DFT-s-OFDM $\pi/2$ BPSK_RB160@0	28.486	29.651
40MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB216@0	38.459	40.05
40MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB216@0	38.477	40.018
40MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB216@0	38.456	39.919
40MHz_15kHz_1745MHz_CP-OFDM QPSK_RB216@0	38.409	39.88
40MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB216@0	38.592	40.047
40MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB216@0	38.606	40.052
40MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB216@0	38.461	40.037
40MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB216@0	38.562	40.025
40MHz_15kHz_1745MHz_DFT-s-OFDM $\pi/2$ BPSK_RB216@0	38.434	40.125

n7

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB25@0	4.481	4.793
5MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB25@0	4.448	4.738
5MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB25@0	4.481	4.766
5MHz_15kHz_2535MHz_CP-OFDM QPSK_RB25@0	4.464	4.796
5MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB25@0	4.462	4.769
5MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB25@0	4.461	4.768
5MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB25@0	4.461	4.784
5MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB25@0	4.467	4.801
5MHz_15kHz_2535MHz_DFT-s-OFDM $\pi/2$ BPSK_RB25@0	4.448	4.811
10MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB52@0	9.259	9.699
10MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB52@0	9.254	9.72
10MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB52@0	9.289	9.718
10MHz_15kHz_2535MHz_CP-OFDM QPSK_RB52@0	9.283	9.701
10MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB50@0	9.240	9.328
10MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB50@0	9.248	9.351
10MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB50@0	9.241	9.389
10MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB50@0	9.168	9.309
10MHz_15kHz_2535MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	9.177	9.32
15MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB79@0	14.062	14.734
15MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB79@0	14.056	14.677
15MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB79@0	14.070	14.804

15MHz_15kHz_2535MHz_CP-OFDM QPSK_RB79@0	14.059	14.804
15MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB75@0	13.996	14.041
15MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB75@0	13.987	14.012
15MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB75@0	14.007	14.07
15MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB75@0	13.998	14.09
15MHz_15kHz_2535MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0	13.995	14.021
20MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB106@0	18.837	19.69
20MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB106@0	18.900	19.577
20MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB106@0	18.904	19.723
20MHz_15kHz_2535MHz_CP-OFDM QPSK_RB106@0	18.884	19.594
20MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB100@0	18.750	18.621
20MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB100@0	18.661	18.655
20MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB100@0	18.747	18.667
20MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB100@0	18.812	18.641
20MHz_15kHz_2535MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	18.673	18.585

n77_3

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB52@0	9.259	9.693
10MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB52@0	9.258	9.687
10MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB52@0	9.252	9.658
10MHz_15kHz_3840MHz_CP-OFDM QPSK_RB52@0	9.257	9.689
10MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB50@0	9.200	9.367
10MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB50@0	9.175	9.33
10MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB50@0	9.202	9.317
10MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB50@0	9.177	9.378
10MHz_15kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	9.173	9.312
10MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB24@0	8.617	9.276
10MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB24@0	8.568	9.104
10MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB24@0	8.573	9.18
10MHz_30kHz_3840MHz_CP-OFDM QPSK_RB24@0	8.566	9.105
10MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB24@0	8.536	9.193
10MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB24@0	8.532	9.109
10MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB24@0	8.529	9.115
10MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB24@0	8.531	9.071
10MHz_30kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB24@0	8.567	9.197
15MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB79@0	14.119	14.836
15MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB79@0	14.064	14.737
15MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB79@0	14.069	14.784
15MHz_15kHz_3840MHz_CP-OFDM QPSK_RB79@0	14.100	14.811
15MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB75@0	14.053	14.062
15MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB75@0	13.941	14.09

15MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB75@0	13.928	14.076
15MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB75@0	13.887	14.063
15MHz_15kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0	13.930	14.068
15MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB38@0	13.577	14.406
15MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB38@0	13.589	14.501
15MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB38@0	13.570	14.437
15MHz_30kHz_3840MHz_CP-OFDM QPSK_RB38@0	13.523	14.347
15MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB36@0	13.456	13.813
15MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB36@0	13.461	13.609
15MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB36@0	13.458	13.671
15MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB36@0	13.465	13.671
15MHz_30kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB36@0	13.400	13.677
20MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB106@0	18.891	19.655
20MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB106@0	18.891	19.653
20MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB106@0	18.898	19.58
20MHz_15kHz_3840MHz_CP-OFDM QPSK_RB106@0	18.838	19.729
20MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB100@0	18.729	18.563
20MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB100@0	18.651	18.538
20MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB100@0	18.648	18.588
20MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB100@0	18.814	18.705
20MHz_15kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	18.669	18.524
20MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB51@0	18.169	18.964
20MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB51@0	18.161	18.957
20MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB51@0	18.179	19.064
20MHz_30kHz_3840MHz_CP-OFDM QPSK_RB51@0	18.170	18.979
20MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB50@0	18.080	18.721
20MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB50@0	18.004	18.715
20MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB50@0	18.017	18.739
20MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB50@0	18.022	18.809
20MHz_30kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	18.008	18.777
30MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB160@0	28.458	29.714
30MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB160@0	28.577	29.647
30MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB160@0	28.471	29.675
30MHz_15kHz_3840MHz_CP-OFDM QPSK_RB160@0	28.463	29.642
30MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB160@0	28.568	29.618
30MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB160@0	28.476	29.736
30MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB160@0	28.478	29.633
30MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB160@0	28.560	29.668
30MHz_15kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB160@0	28.496	29.559
40MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB216@0	38.444	39.897
40MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB216@0	38.433	40.091
40MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB216@0	38.418	39.967

40MHz_15kHz_3840MHz_CP-OFDM QPSK_RB216@0	38.457	40.087
40MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB216@0	38.458	40.047
40MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB216@0	38.470	39.941
40MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB216@0	38.418	39.994
40MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB216@0	38.430	39.994
40MHz_15kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB216@0	38.427	40.073
40MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB106@0	37.769	39.401
40MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB106@0	37.924	39.564
40MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB106@0	37.790	39.563
40MHz_30kHz_3840MHz_CP-OFDM QPSK_RB106@0	37.774	39.58
40MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB100@0	37.330	37.297
40MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB100@0	37.302	37.389
40MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB100@0	37.288	37.43
40MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB100@0	37.460	37.447
40MHz_30kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	37.339	37.32
50MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB270@0	48.075	49.752
50MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB270@0	48.068	49.723
50MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB270@0	48.201	49.728
50MHz_15kHz_3840MHz_CP-OFDM QPSK_RB270@0	48.030	49.753
50MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB270@0	48.070	49.702
50MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB270@0	48.052	49.568
50MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB270@0	48.217	49.734
50MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB270@0	48.086	49.89
50MHz_15kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB270@0	48.056	49.728
50MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB133@0	47.472	49.211
50MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB133@0	47.409	49.238
50MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB133@0	47.271	49.136
50MHz_30kHz_3840MHz_CP-OFDM QPSK_RB133@0	47.426	48.959
50MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB128@0	46.805	47.413
50MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB128@0	47.234	47.454
50MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB128@0	46.848	47.435
50MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB128@0	46.889	47.407
50MHz_30kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB128@0	46.818	47.531
60MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB162@0	57.435	60.26
60MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB162@0	57.699	60.265
60MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB162@0	57.696	60.322
60MHz_30kHz_3840MHz_CP-OFDM QPSK_RB162@0	57.659	60.356
60MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB162@0	57.853	60.291
60MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB162@0	57.684	60.222
60MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB162@0	57.691	60.285
60MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB162@0	57.861	60.321

60MHz_30kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB162@0	57.630	60.315
70MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB189@0	67.246	70.067
70MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB189@0	67.329	70.019
70MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB189@0	67.288	70.137
70MHz_30kHz_3840MHz_CP-OFDM QPSK_RB189@0	67.328	70.096
70MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB180@0	66.282	66.832
70MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB180@0	66.341	66.909
70MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB180@0	66.571	66.784
70MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB180@0	66.348	66.844
70MHz_30kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB180@0	66.670	66.881
80MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB217@0	77.184	80.171
80MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB217@0	77.277	80.2
80MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB217@0	77.255	80.157
80MHz_30kHz_3840MHz_CP-OFDM QPSK_RB217@0	77.217	80.076
80MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB216@0	76.950	79.842
80MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB216@0	76.897	79.856
80MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB216@0	77.155	79.65
80MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB216@0	76.840	79.841
80MHz_30kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB216@0	76.935	79.763
90MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB245@0	87.122	90.227
90MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB245@0	87.277	90.115
90MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB245@0	87.134	90.284
90MHz_30kHz_3840MHz_CP-OFDM QPSK_RB245@0	87.167	90.015
90MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB243@0	86.527	89.54
90MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB243@0	86.441	89.483
90MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB243@0	86.486	89.535
90MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB243@0	86.553	89.49
90MHz_30kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB243@0	86.431	89.466
100MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB273@0	97.254	100.228
100MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB273@0	97.239	100.231
100MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB273@0	96.940	100.078
100MHz_30kHz_3840MHz_CP-OFDM QPSK_RB273@0	97.259	100.238
100MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB270@0	96.438	99.281
100MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB270@0	96.106	99.198
100MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB270@0	96.197	99.221
100MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB270@0	96.136	99.253
100MHz_30kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB270@0	96.046	99.182

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Mode	99% OBW (MHz)	EBW (MHz)
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10MHz_15kHz_3750MHz_CP-OFDM 16 QAM_RB52@0	9.285	9.712
10MHz_15kHz_3750MHz_CP-OFDM 256 QAM_RB52@0	9.258	9.71
10MHz_15kHz_3750MHz_CP-OFDM 64 QAM_RB52@0	9.259	9.693
10MHz_15kHz_3750MHz_CP-OFDM QPSK_RB52@0	9.258	9.708
10MHz_15kHz_3750MHz_DFT-s-OFDM 16 QAM_RB50@0	9.210	9.35
10MHz_15kHz_3750MHz_DFT-s-OFDM 256 QAM_RB50@0	9.172	9.331
10MHz_15kHz_3750MHz_DFT-s-OFDM 64 QAM_RB50@0	9.175	9.35
10MHz_15kHz_3750MHz_DFT-s-OFDM QPSK_RB50@0	9.180	9.385
10MHz_15kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	9.254	9.314
10MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB24@0	8.537	9.196
10MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB24@0	8.566	9.17
10MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB24@0	8.575	9.177
10MHz_30kHz_3750MHz_CP-OFDM QPSK_RB24@0	8.569	9.21
10MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB24@0	8.568	9.173
10MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB24@0	8.534	9.086
10MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB24@0	8.529	9.201
10MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB24@0	8.566	9.181
10MHz_30kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB24@0	8.562	9.238
15MHz_15kHz_3750MHz_CP-OFDM 16 QAM_RB79@0	14.117	14.8
15MHz_15kHz_3750MHz_CP-OFDM 256 QAM_RB79@0	14.063	14.762
15MHz_15kHz_3750MHz_CP-OFDM 64 QAM_RB79@0	14.103	14.674
15MHz_15kHz_3750MHz_CP-OFDM QPSK_RB79@0	14.101	14.748
15MHz_15kHz_3750MHz_DFT-s-OFDM 16 QAM_RB75@0	13.927	14.032
15MHz_15kHz_3750MHz_DFT-s-OFDM 256 QAM_RB75@0	13.942	14.02
15MHz_15kHz_3750MHz_DFT-s-OFDM 64 QAM_RB75@0	14.002	14.094
15MHz_15kHz_3750MHz_DFT-s-OFDM QPSK_RB75@0	13.929	14.003
15MHz_15kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0	13.929	14.088
15MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB38@0	13.528	14.465
15MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB38@0	13.585	14.48
15MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB38@0	13.573	14.382
15MHz_30kHz_3750MHz_CP-OFDM QPSK_RB38@0	13.525	14.343
15MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB36@0	13.506	13.78
15MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB36@0	13.464	13.651
15MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB36@0	13.402	13.688
15MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB36@0	13.501	13.711
15MHz_30kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB36@0	13.404	13.57
25MHz_15kHz_3750MHz_CP-OFDM 16 QAM_RB133@0	23.647	24.644
25MHz_15kHz_3750MHz_CP-OFDM 256 QAM_RB133@0	23.739	24.629
25MHz_15kHz_3750MHz_CP-OFDM 64 QAM_RB133@0	23.719	24.636
25MHz_15kHz_3750MHz_CP-OFDM QPSK_RB133@0	23.718	24.571
25MHz_15kHz_3750MHz_DFT-s-OFDM 16 QAM_RB128@0	23.509	23.752
25MHz_15kHz_3750MHz_DFT-s-OFDM 256 QAM_RB128@0	23.511	23.751
25MHz_15kHz_3750MHz_DFT-s-OFDM 64 QAM_RB128@0	23.410	23.679

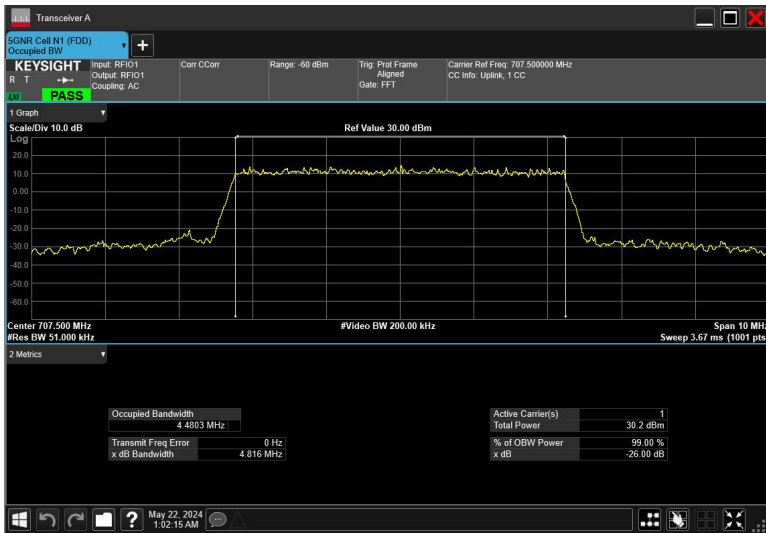
25MHz_15kHz_3750MHz_DFT-s-OFDM QPSK_RB128@0	23.334	23.683
25MHz_15kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB128@0	23.427	23.716
25MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB65@0	23.201	24.216
25MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB65@0	23.212	24.083
25MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB65@0	23.127	24.221
25MHz_30kHz_3750MHz_CP-OFDM QPSK_RB65@0	23.204	24.293
25MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB64@0	23.006	23.952
25MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB64@0	22.950	24.013
25MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB64@0	22.923	23.946
25MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB64@0	23.009	23.936
25MHz_30kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB64@0	22.912	23.962
30MHz_15kHz_3750MHz_CP-OFDM 16 QAM_RB160@0	28.463	29.657
30MHz_15kHz_3750MHz_CP-OFDM 256 QAM_RB160@0	28.482	29.621
30MHz_15kHz_3750MHz_CP-OFDM 64 QAM_RB160@0	28.479	29.55
30MHz_15kHz_3750MHz_CP-OFDM QPSK_RB160@0	28.457	29.623
30MHz_15kHz_3750MHz_DFT-s-OFDM 16 QAM_RB160@0	28.495	29.562
30MHz_15kHz_3750MHz_DFT-s-OFDM 256 QAM_RB160@0	28.486	29.685
30MHz_15kHz_3750MHz_DFT-s-OFDM 64 QAM_RB160@0	28.480	29.641
30MHz_15kHz_3750MHz_DFT-s-OFDM QPSK_RB160@0	28.447	29.634
30MHz_15kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB160@0	28.371	29.394
30MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB78@0	27.761	29.14
30MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB78@0	27.865	29.286
30MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB78@0	27.764	29.037
30MHz_30kHz_3750MHz_CP-OFDM QPSK_RB78@0	27.761	29.085
30MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB75@0	27.523	28.309
30MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB75@0	27.503	28.137
30MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB75@0	27.495	28.124
30MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB75@0	27.400	27.997
30MHz_30kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0	27.621	28.053
40MHz_15kHz_3750MHz_CP-OFDM 16 QAM_RB216@0	38.443	39.997
40MHz_15kHz_3750MHz_CP-OFDM 256 QAM_RB216@0	38.407	39.991
40MHz_15kHz_3750MHz_CP-OFDM 64 QAM_RB216@0	38.448	39.974
40MHz_15kHz_3750MHz_CP-OFDM QPSK_RB216@0	38.470	40.115
40MHz_15kHz_3750MHz_DFT-s-OFDM 16 QAM_RB216@0	38.453	40.07
40MHz_15kHz_3750MHz_DFT-s-OFDM 256 QAM_RB216@0	38.464	39.916
40MHz_15kHz_3750MHz_DFT-s-OFDM 64 QAM_RB216@0	38.577	40.112
40MHz_15kHz_3750MHz_DFT-s-OFDM QPSK_RB216@0	38.403	39.893
40MHz_15kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB216@0	38.437	40.071
40MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB106@0	37.781	39.426
40MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB106@0	37.929	39.547
40MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB106@0	37.805	39.495
40MHz_30kHz_3750MHz_CP-OFDM QPSK_RB106@0	37.771	39.56

40MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB100@0	37.306	37.413
40MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB100@0	37.313	37.371
40MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB100@0	37.290	37.475
40MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB100@0	37.311	37.601
40MHz_30kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	37.334	37.338
50MHz_15kHz_3750MHz_CP-OFDM 16 QAM_RB270@0	48.048	49.687
50MHz_15kHz_3750MHz_CP-OFDM 256 QAM_RB270@0	48.084	49.754
50MHz_15kHz_3750MHz_CP-OFDM 64 QAM_RB270@0	48.092	49.646
50MHz_15kHz_3750MHz_CP-OFDM QPSK_RB270@0	48.036	49.723
50MHz_15kHz_3750MHz_DFT-s-OFDM 16 QAM_RB270@0	48.093	49.817
50MHz_15kHz_3750MHz_DFT-s-OFDM 256 QAM_RB270@0	48.048	49.571
50MHz_15kHz_3750MHz_DFT-s-OFDM 64 QAM_RB270@0	48.100	49.71
50MHz_15kHz_3750MHz_DFT-s-OFDM QPSK_RB270@0	48.093	49.9
50MHz_15kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB270@0	48.061	49.619
50MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB133@0	47.299	49.328
50MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB133@0	47.408	49.273
50MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB133@0	47.445	49.202
50MHz_30kHz_3750MHz_CP-OFDM QPSK_RB133@0	47.424	48.918
50MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB128@0	46.809	47.435
50MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB128@0	47.234	47.418
50MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB128@0	46.832	47.477
50MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB128@0	46.610	47.359
50MHz_30kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB128@0	46.623	47.458
60MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB162@0	57.459	60.174
60MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB162@0	57.475	60.34
60MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB162@0	57.631	60.287
60MHz_30kHz_3750MHz_CP-OFDM QPSK_RB162@0	57.645	60.394
60MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB162@0	57.660	60.45
60MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB162@0	57.663	60.319
60MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB162@0	57.703	60.318
60MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB162@0	57.877	60.422
60MHz_30kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB162@0	57.683	60.311
70MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB189@0	67.298	70.003
70MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB189@0	67.533	69.978
70MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB189@0	67.315	70.01
70MHz_30kHz_3750MHz_CP-OFDM QPSK_RB189@0	67.334	70.144
70MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB180@0	66.247	66.828
70MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB180@0	66.243	66.827
70MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB180@0	66.387	66.904
70MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB180@0	66.335	66.91
70MHz_30kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB180@0	66.371	66.837

80MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB217@0	77.204	80.211
80MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB217@0	77.497	80.163
80MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB217@0	77.265	80.196
80MHz_30kHz_3750MHz_CP-OFDM QPSK_RB217@0	77.132	80.228
80MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB216@0	76.937	79.906
80MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB216@0	76.930	79.76
80MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB216@0	76.637	79.821
80MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB216@0	76.865	79.632
80MHz_30kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB216@0	76.943	79.836
90MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB245@0	87.219	90.184
90MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB245@0	86.922	90.375
90MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB245@0	87.133	90.214
90MHz_30kHz_3750MHz_CP-OFDM QPSK_RB245@0	87.181	90.315
90MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB243@0	86.566	89.477
90MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB243@0	86.526	89.536
90MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB243@0	86.533	89.522
90MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB243@0	86.478	89.501
90MHz_30kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB243@0	86.528	89.624
100MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB273@0	97.274	100.334
100MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB273@0	96.972	100.302
100MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB273@0	97.204	100.226
100MHz_30kHz_3750MHz_CP-OFDM QPSK_RB273@0	96.976	100.164
100MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB270@0	95.774	99.155
100MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB270@0	95.799	99.212
100MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB270@0	96.046	99.26
100MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB270@0	96.098	99.231
100MHz_30kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB270@0	95.794	99.201

n12

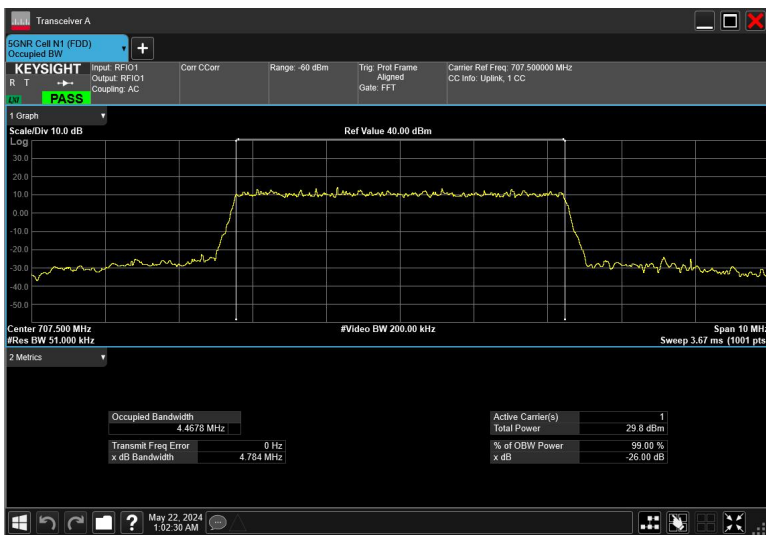
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5MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB25@0



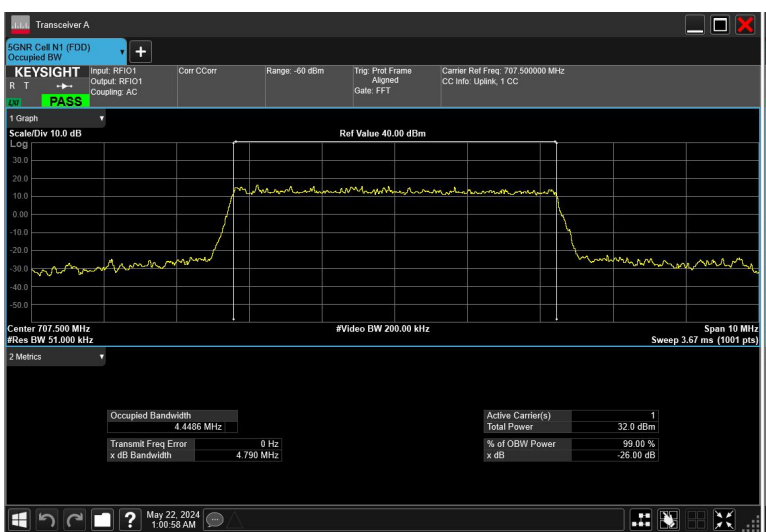
5MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB25@0



5MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB25@0



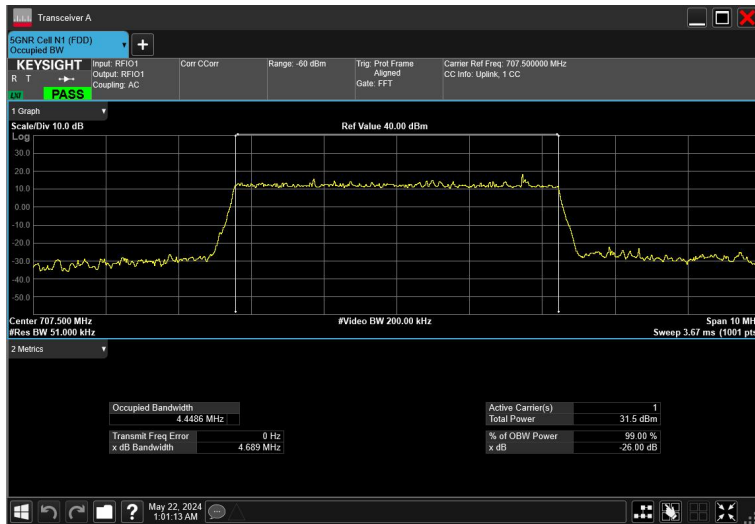
5MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB25@0



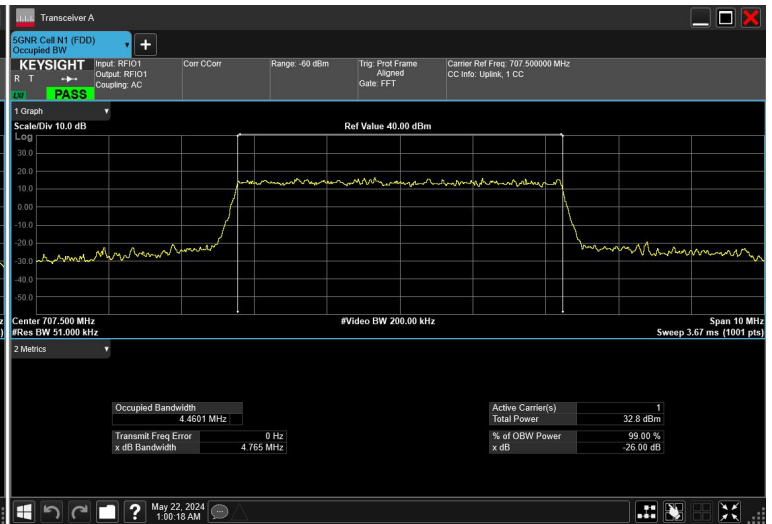
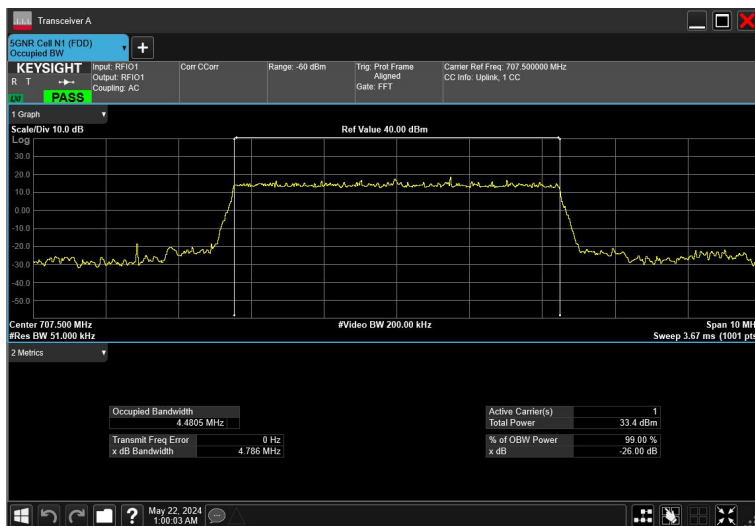
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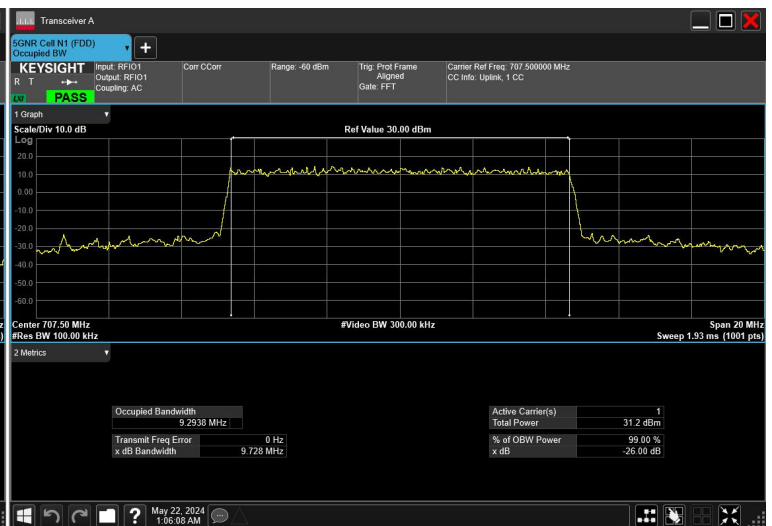
5MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB25@0



5MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB25@0

5MHz_15kHz_707.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB25@0

10MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB52@0



10MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB52@0



10MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB52@0

