FCC Part 27

Occupied bandwidth

n12

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB25@0	4.463	4.806
5MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB25@0	4.462	4.766
5MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB25@0	4.467	4.798
5MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB25@0	4.450	4.685
5MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.462	4.777
5MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.469	4.791
5MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.470	4.816
5MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB25@0	4.446	4.804
5MHz_15kHz_707.5MHz_DFT-s-OFDM π/2 BPSK_RB25@0	4.448	4.794
10MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB52@0	9.250	9.728
10MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB52@0	9.284	9.902
10MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB52@0	9.284	9.738
10MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB52@0	9.287	9.8
10MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB50@0	9.178	9.574
10MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB50@0	9.204	9.478
10MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB50@0	9.177	9.569
10MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB50@0	9.208	9.571
10MHz_15kHz_707.5MHz_DFT-s-OFDM π/2 BPSK_RB50@0	9.202	9.6
15MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB79@0	14.061	14.793
15MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB79@0	14.063	14.791
15MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB79@0	14.057	14.773
15MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB79@0	14.057	14.855
15MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.997	14.239
15MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB75@0	14.060	14.249
15MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.984	14.313
15MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB75@0	13.983	14.384
15MHz_15kHz_707.5MHz_DFT-s-OFDM π/2 BPSK_RB75@0	13.997	14.181

n38

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_2595MHz_CP-OFDM 16 QAM_RB25@0	4.464	4.74
5MHz_15kHz_2595MHz_CP-OFDM 256 QAM_RB25@0	4.450	4.776
5MHz_15kHz_2595MHz_CP-OFDM 64 QAM_RB25@0	4.467	4.812
5MHz_15kHz_2595MHz_CP-OFDM QPSK_RB25@0	4.465	4.813
5MHz_15kHz_2595MHz_DFT-s-OFDM 16 QAM_RB25@0	4.450	4.743
5MHz_15kHz_2595MHz_DFT-s-OFDM 256 QAM_RB25@0	4.462	4.767
5MHz_15kHz_2595MHz_DFT-s-OFDM 64 QAM_RB25@0	4.447	4.797
5MHz_15kHz_2595MHz_DFT-s-OFDM QPSK_RB25@0	4.465	4.789

5MHz_15kHz_2595MHz_DFT-s-OFDM π/2 BPSK_RB25@0	4.446	4.752
10MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB24@0	8.601	9.331
10MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB24@0	8.605	9.312
10MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB24@0	8.566	9.281
10MHz_30kHz_2595MHz_CP-OFDM QPSK_RB24@0	8.563	9.318
10MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB24@0	8.568	9.328
10MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB24@0	8.569	9.317
10MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB24@0	8.538	9.398
10MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB24@0	8.570	9.226
10MHz_30kHz_2595MHz_DFT-s-OFDM π/2 BPSK_RB24@0	8.574	9.337
15MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB38@0	13.572	14.652
15MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB38@0	13.568	14.58
15MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB38@0	13.562	14.524
15MHz_30kHz_2595MHz_CP-OFDM QPSK_RB38@0	13.573	14.512
15MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB36@0	13.449	14.03
15MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB36@0	13.522	14.206
15MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB36@0	13.522	13.955
15MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB36@0	13.457	13.908
15MHz_30kHz_2595MHz_DFT-s-OFDM π/2 BPSK_RB36@0	13.452	13.944
20MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB51@0	18.163	19.081
20MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB51@0	18.173	19.191
20MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB51@0	18.185	19.281
20MHz_30kHz_2595MHz_CP-OFDM QPSK_RB51@0	18.184	19.227
20MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB50@0	18.037	19.067
20MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB50@0	18.038	18.942
20MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB50@0	18.023	18.852
20MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB50@0	18.040	18.909
20MHz_30kHz_2595MHz_DFT-s-OFDM π/2 BPSK_RB50@0	18.163	18.664
25MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB65@0	23.128	24.435
25MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB65@0	23.223	24.508
25MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB65@0	23.229	24.409
25MHz_30kHz_2595MHz_CP-OFDM QPSK_RB65@0	23.219	24.389
25MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB64@0	23.042	24.304
25MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB64@0	23.049	24.148
25MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB64@0	23.116	24.216
25MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB64@0	22.948	24.328
25MHz_30kHz_2595MHz_DFT-s-OFDM π/2 BPSK_RB64@0	22.937	24.219
30MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB78@0	27.876	29.107
30MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB78@0	27.853	29.422
30MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB78@0	27.863	29.513
30MHz_30kHz_2595MHz_CP-OFDM QPSK_RB78@0	27.851	29.659
30MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB75@0	27.631	28.578
30MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB75@0	27.605	28.271

30MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB75@0	27.490	28.468
30MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB75@0	27.634	28.408
30MHz_30kHz_2595MHz_DFT-s-OFDM π/2 BPSK_RB75@0	27.628	28.268
40MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB106@0	37.925	39.697
40MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB106@0	37.677	39.647
40MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB106@0	37.807	39.844
40MHz_30kHz_2595MHz_CP-OFDM QPSK_RB106@0	37.778	39.739
40MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB100@0	37.617	37.835
40MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB100@0	37.147	37.487
40MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB100@0	37.464	37.991
40MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB100@0	37.338	37.531
40MHz_30kHz_2595MHz_DFT-s-OFDM π/2 BPSK_RB100@0	37.464	37.573

n41

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_15kHz_2593.005MHz_CP-OFDM 16 QAM_RB52@0	9.290	9.902
10MHz_15kHz_2593.005MHz_CP-OFDM 256 QAM_RB52@0	9.282	9.801
10MHz_15kHz_2593.005MHz_CP-OFDM 64 QAM_RB52@0	9.292	9.744
10MHz_15kHz_2593.005MHz_CP-OFDM QPSK_RB52@0	9.280	9.816
10MHz_15kHz_2593.005MHz_DFT-s-OFDM 16 QAM_RB50@0	9.214	9.52
10MHz_15kHz_2593.005MHz_DFT-s-OFDM 256 QAM_RB50@0	9.172	9.547
10MHz_15kHz_2593.005MHz_DFT-s-OFDM 64 QAM_RB50@0	9.208	9.505
10MHz_15kHz_2593.005MHz_DFT-s-OFDM QPSK_RB50@0	9.241	9.557
10MHz_15kHz_2593.005MHz_DFT-s-OFDM π/2 BPSK_RB50@0	9.219	9.417
10MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB24@0	8.537	9.235
10MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB24@0	8.576	9.309
10MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB24@0	8.561	9.275
10MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB24@0	8.566	9.264
10MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB24@0	8.615	9.424
10MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB24@0	8.567	9.326
10MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB24@0	8.580	9.434
10MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB24@0	8.534	9.311
10MHz_30kHz_2592.99MHz_DFT-s-OFDM π/2 BPSK_RB24@0	8.538	9.233
15MHz_15kHz_2593.005MHz_CP-OFDM 16 QAM_RB79@0	14.106	14.867
15MHz_15kHz_2593.005MHz_CP-OFDM 256 QAM_RB79@0	14.053	14.82
15MHz_15kHz_2593.005MHz_CP-OFDM 64 QAM_RB79@0	14.114	14.837
15MHz_15kHz_2593.005MHz_CP-OFDM QPSK_RB79@0	14.063	14.798
15MHz_15kHz_2593.005MHz_DFT-s-OFDM 16 QAM_RB75@0	14.003	14.212
15MHz_15kHz_2593.005MHz_DFT-s-OFDM 256 QAM_RB75@0	14.005	14.074
15MHz_15kHz_2593.005MHz_DFT-s-OFDM 64 QAM_RB75@0	13.987	14.271

15MHz_15kHz_2593.005MHz_DFT-s-OFDM QPSK_RB75@0	13.999	14.19
15MHz_15kHz_2593.005MHz_DFT-s-OFDM π/2 BPSK_RB75@0	14.005	14.208
15MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB38@0	13.567	14.536
15MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB38@0	13.524	14.528
15MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB38@0	13.561	14.621
15MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB38@0	13.561	14.617
15MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB36@0	13.574	14.035
15MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB36@0	13.442	14.132
15MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB36@0	13.446	13.888
15MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB36@0	13.441	13.944
15MHz_30kHz_2592.99MHz_DFT-s-OFDM π/2 BPSK_RB36@0	13.455	13.869
20MHz_15kHz_2593.005MHz_CP-OFDM 16 QAM_RB106@0	18.838	19.69
20MHz_15kHz_2593.005MHz_CP-OFDM 256 QAM_RB106@0	18.888	19.787
20MHz_15kHz_2593.005MHz_CP-OFDM 64 QAM_RB106@0	18.838	19.875
20MHz_15kHz_2593.005MHz_CP-OFDM QPSK_RB106@0	18.901	19.837
20MHz_15kHz_2593.005MHz_DFT-s-OFDM 16 QAM_RB100@0	18.743	18.969
20MHz_15kHz_2593.005MHz_DFT-s-OFDM 256 QAM_RB100@0	18.663	18.779
20MHz_15kHz_2593.005MHz_DFT-s-OFDM 64 QAM_RB100@0	18.739	18.905
20MHz_15kHz_2593.005MHz_DFT-s-OFDM QPSK_RB100@0	18.802	18.993
20MHz_15kHz_2593.005MHz_DFT-s-OFDM π/2 BPSK_RB100@0	18.813	18.842
20MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB51@0	18.180	19.26
20MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB51@0	18.176	19.197
20MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB51@0	18.195	19.439
20MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB51@0	18.185	19.26
20MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB50@0	18.027	18.871
20MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB50@0	18.081	18.929
20MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB50@0	18.020	18.952
20MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB50@0	18.034	18.977
20MHz_30kHz_2592.99MHz_DFT-s-OFDM π/2 BPSK_RB50@0	18.094	18.915
30MHz_15kHz_2593.005MHz_CP-OFDM 16 QAM_RB160@0	28.599	29.581
30MHz_15kHz_2593.005MHz_CP-OFDM 256 QAM_RB160@0	28.472	29.666
30MHz_15kHz_2593.005MHz_CP-OFDM 64 QAM_RB160@0	28.586	29.588
30MHz_15kHz_2593.005MHz_CP-OFDM QPSK_RB160@0	28.483	29.677
30MHz_15kHz_2593.005MHz_DFT-s-OFDM 16 QAM_RB160@0	28.566	29.666
30MHz_15kHz_2593.005MHz_DFT-s-OFDM 256 QAM_RB160@0	28.452	29.715
30MHz_15kHz_2593.005MHz_DFT-s-OFDM 64 QAM_RB160@0	28.484	29.787
30MHz_15kHz_2593.005MHz_DFT-s-OFDM QPSK_RB160@0	28.498	29.64
30MHz_15kHz_2593.005MHz_DFT-s-OFDM π/2 BPSK_RB160@0	28.462	29.661

30MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB78@0	27.879	29.172
30MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB78@0	27.844	29.108
30MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB78@0	27.779	29.224
30MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB78@0	27.762	29.367
30MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB75@0	27.628	28.413
30MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB75@0	27.614	28.396
30MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB75@0	27.411	28.439
30MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB75@0	27.615	28.753
30MHz_30kHz_2592.99MHz_DFT-s-OFDM π/2 BPSK_RB75@0	27.539	28.273
40MHz_15kHz_2593.005MHz_CP-OFDM 16 QAM_RB216@0	38.464	40.097
40MHz_15kHz_2593.005MHz_CP-OFDM 256 QAM_RB216@0	38.473	40.082
40MHz_15kHz_2593.005MHz_CP-OFDM 64 QAM_RB216@0	38.470	40.274
40MHz_15kHz_2593.005MHz_CP-OFDM QPSK_RB216@0	38.414	39.978
40MHz_15kHz_2593.005MHz_DFT-s-OFDM 16 QAM_RB216@0	38.592	40.273
40MHz_15kHz_2593.005MHz_DFT-s-OFDM 256 QAM_RB216@0	38.575	41.511
40MHz_15kHz_2593.005MHz_DFT-s-OFDM 64 QAM_RB216@0	38.560	41.762
40MHz_15kHz_2593.005MHz_DFT-s-OFDM QPSK_RB216@0	38.576	41.077
40MHz_15kHz_2593.005MHz_DFT-s-OFDM π/2 BPSK_RB216@0	38.456	40.49
40MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB106@0	37.678	39.558
40MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB106@0	37.769	39.759
40MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB106@0	37.776	39.692
40MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB106@0	37.763	39.747
40MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB100@0	37.603	37.621
40MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB100@0	37.126	37.543
40MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB100@0	37.498	37.513
40MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB100@0	37.293	37.497
40MHz_30kHz_2592.99MHz_DFT-s-OFDM π/2 BPSK_RB100@0	37.450	37.635
50MHz_15kHz_2593.005MHz_CP-OFDM 16 QAM_RB270@0	48.076	50.708
50MHz_15kHz_2593.005MHz_CP-OFDM 256 QAM_RB270@0	48.088	49.853
50MHz_15kHz_2593.005MHz_CP-OFDM 64 QAM_RB270@0	48.036	50.278
50MHz_15kHz_2593.005MHz_CP-OFDM QPSK_RB270@0	48.084	49.921
50MHz_15kHz_2593.005MHz_DFT-s-OFDM 16 QAM_RB270@0	48.030	50.044
50MHz_15kHz_2593.005MHz_DFT-s-OFDM 256 QAM_RB270@0	48.074	49.987
50MHz_15kHz_2593.005MHz_DFT-s-OFDM 64 QAM_RB270@0	48.064	50.286
50MHz_15kHz_2593.005MHz_DFT-s-OFDM QPSK_RB270@0	48.081	49.764
50MHz_15kHz_2593.005MHz_DFT-s-OFDM π/2 BPSK_RB270@0	48.045	50.454
50MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB133@0	47.402	49.36
50MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB133@0	47.403	49.871

50MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB133@0	47.453	49.555
50MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB133@0	47.416	49.327
50MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB128@0	47.028	47.915
50MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB128@0	46.880	47.756
50MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB128@0	47.066	48.101
50MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB128@0	46.842	47.923
50MHz_30kHz_2592.99MHz_DFT-s-OFDM π/2 BPSK_RB128@0	46.846	47.883
60MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB162@0	57.656	60.651
60MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB162@0	57.679	60.653
60MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB162@0	57.639	60.218
60MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB162@0	57.672	60.446
60MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB162@0	57.651	60.536
60MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB162@0	57.864	60.456
60MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB162@0	57.684	60.638
60MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB162@0	57.617	60.405
60MHz_30kHz_2592.99MHz_DFT-s-OFDM π/2 BPSK_RB162@0	57.682	60.497
80MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB217@0	77.176	80.252
80MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB217@0	77.256	80.419
80MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB217@0	77.502	80.344
80MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB217@0	77.265	80.389
80MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB216@0	76.926	79.902
80MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB216@0	76.947	80.137
80MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB216@0	76.952	80.354
80MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB216@0	76.934	80.167
80MHz_30kHz_2592.99MHz_DFT-s-OFDM π/2 BPSK_RB216@0	77.181	80.126
90MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB245@0	87.237	90.175
90MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB245@0	87.278	90.381
90MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB245@0	87.214	90.46
90MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB245@0	87.129	90.225
90MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB243@0	86.527	89.987
90MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB243@0	86.843	89.607
90MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB243@0	86.475	89.718
90MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB243@0	86.499	89.893
90MHz_30kHz_2592.99MHz_DFT-s-OFDM π/2 BPSK_RB243@0	86.513	89.646
100MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB273@0	96.948	100.234
100MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB273@0	96.951	100.483
100MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB273@0	96.873	100.64

100MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB273@0	96.908	100.605
100MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB270@0	96.162	99.631
100MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB270@0	96.582	99.636
100MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB270@0	96.072	99.382
100MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB270@0	96.497	99.643
100MHz_30kHz_2592.99MHz_DFT-s-OFDM π/2 BPSK_RB270@0	96.470	99.735

n66

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB25@0	4.447	4.804
5MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB25@0	4.480	4.799
5MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB25@0	4.467	4.783
5MHz_15kHz_1745MHz_CP-OFDM QPSK_RB25@0	4.468	4.815
5MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB25@0	4.465	4.734
5MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB25@0	4.466	4.767
5MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB25@0	4.450	4.759
5MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB25@0	4.447	4.717
5MHz_15kHz_1745MHz_DFT-s-OFDM π/2 BPSK_RB25@0	4.462	4.696
10MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB52@0	9.292	9.861
10MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB52@0	9.259	9.784
10MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB52@0	9.284	9.904
10MHz_15kHz_1745MHz_CP-OFDM QPSK_RB52@0	9.293	10.179
10MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB50@0	9.212	9.565
10MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB50@0	9.176	9.516
10MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB50@0	9.212	9.489
10MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB50@0	9.219	9.501
10MHz_15kHz_1745MHz_DFT-s-OFDM π/2 BPSK_RB50@0	9.248	9.447
15MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB79@0	14.067	14.943
15MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB79@0	14.115	14.849
15MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB79@0	14.116	14.813
15MHz_15kHz_1745MHz_CP-OFDM QPSK_RB79@0	14.104	14.771
15MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB75@0	14.002	14.236
15MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB75@0	13.950	14.237
15MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB75@0	13.940	14.046
15MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB75@0	14.043	14.204
15MHz_15kHz_1745MHz_DFT-s-OFDM π/2 BPSK_RB75@0	13.981	14.242
20MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB106@0	18.905	19.824
20MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB106@0	18.884	19.847
20MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB106@0	18.882	19.645
20MHz_15kHz_1745MHz_CP-OFDM QPSK_RB106@0	18.966	19.777
20MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB100@0	18.812	18.939
20MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB100@0	18.674	18.869

20MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB100@0	18.728	19.148
20MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB100@0	18.803	18.745
20MHz_15kHz_1745MHz_DFT-s-OFDM π/2 BPSK_RB100@0	18.744	18.929
25MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB133@0	23.727	24.873
25MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB133@0	23.712	24.986
25MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB133@0	23.714	24.829
25MHz_15kHz_1745MHz_CP-OFDM QPSK_RB133@0	23.646	25.273
25MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB128@0	23.521	23.933
25MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB128@0	23.507	24.036
25MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB128@0	23.522	24.101
25MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB128@0	23.405	23.912
25MHz_15kHz_1745MHz_DFT-s-OFDM π/2 BPSK_RB128@0	23.514	23.947
30MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB160@0	28.590	29.574
30MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB160@0	28.473	29.576
30MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB160@0	28.491	29.763
30MHz_15kHz_1745MHz_CP-OFDM QPSK_RB160@0	28.486	29.679
30MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB160@0	28.498	29.604
30MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB160@0	28.453	29.733
30MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB160@0	28.490	29.732
30MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB160@0	28.565	29.815
30MHz_15kHz_1745MHz_DFT-s-OFDM π/2 BPSK_RB160@0	28.454	29.583
40MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB216@0	38.433	40.119
40MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB216@0	38.451	40.268
40MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB216@0	38.423	40.252
40MHz_15kHz_1745MHz_CP-OFDM QPSK_RB216@0	38.417	40.828
40MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB216@0	38.474	40.173
40MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB216@0	38.564	40.762
40MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB216@0	38.474	40.377
40MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB216@0	38.562	40.385
40MHz_15kHz_1745MHz_DFT-s-OFDM π/2 BPSK_RB216@0	38.454	40.216

n7

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB25@0	4.463	4.774
5MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB25@0	4.467	4.779
5MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB25@0	4.461	4.802
5MHz_15kHz_2535MHz_CP-OFDM QPSK_RB25@0	4.448	4.739
5MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB25@0	4.465	4.794
5MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB25@0	4.464	4.724
5MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB25@0	4.449	4.793
5MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB25@0	4.448	4.739
5MHz_15kHz_2535MHz_DFT-s-OFDM π/2 BPSK_RB25@0	4.445	4.748
10MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB52@0	9.291	9.785

10MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB52@0	9.291	9.959
10MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB52@0	9.283	9.819
10MHz_15kHz_2535MHz_CP-OFDM QPSK_RB52@0	9.284	9.829
10MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB50@0	9.213	9.499
10MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB50@0	9.205	9.44
10MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB50@0	9.249	9.637
10MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB50@0	9.173	9.541
10MHz_15kHz_2535MHz_DFT-s-OFDM π/2 BPSK_RB50@0	9.178	9.483
15MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB79@0	14.102	14.801
15MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB79@0	14.109	14.838
15MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB79@0	14.069	14.887
15MHz_15kHz_2535MHz_CP-OFDM QPSK_RB79@0	14.108	14.907
15MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB75@0	13.984	14.224
15MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB75@0	13.940	14.278
15MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB75@0	13.933	14.309
15MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB75@0	14.045	14.251
15MHz_15kHz_2535MHz_DFT-s-OFDM π/2 BPSK_RB75@0	14.002	14.247
20MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB106@0	18.906	19.76
20MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB106@0	18.840	19.904
20MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB106@0	18.882	19.808
20MHz_15kHz_2535MHz_CP-OFDM QPSK_RB106@0	18.902	19.817
20MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB100@0	18.752	18.828
20MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB100@0	18.720	18.819
20MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB100@0	18.680	18.76
20MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB100@0	18.736	18.848
20MHz_15kHz_2535MHz_DFT-s-OFDM π/2 BPSK_RB100@0	18.813	18.878

n77_1

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_15kHz_3500MHz_CP-OFDM 16 QAM_RB52@0	9.294	9.846
10MHz_15kHz_3500MHz_CP-OFDM 256 QAM_RB52@0	9.290	9.863
10MHz_15kHz_3500MHz_CP-OFDM 64 QAM_RB52@0	9.254	9.788
10MHz_15kHz_3500MHz_CP-OFDM QPSK_RB52@0	9.285	9.984
10MHz_15kHz_3500MHz_DFT-s-OFDM 16 QAM_RB50@0	9.250	9.675
10MHz_15kHz_3500MHz_DFT-s-OFDM 256 QAM_RB50@0	9.213	9.579
10MHz_15kHz_3500MHz_DFT-s-OFDM 64 QAM_RB50@0	9.247	9.471
10MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB50@0	9.178	9.477
10MHz_15kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB50@0	9.202	9.625
10MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB24@0	8.611	9.465
10MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB24@0	8.567	9.251
10MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB24@0	8.575	9.286
10MHz_30kHz_3500MHz_CP-OFDM QPSK_RB24@0	8.561	9.261
10MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB24@0	8.575	9.474

10MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB24@0	8.538	9.208
10MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB24@0	8.565	9.307
10MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB24@0	8.576	9.342
10MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB24@0	8.576	9.311
15MHz_15kHz_3500MHz_CP-OFDM 16 QAM_RB79@0	14.063	14.699
15MHz_15kHz_3500MHz_CP-OFDM 256 QAM_RB79@0	14.060	14.697
15MHz_15kHz_3500MHz_CP-OFDM 64 QAM_RB79@0	14.067	14.778
15MHz_15kHz_3500MHz_CP-OFDM QPSK_RB79@0	14.106	14.839
15MHz_15kHz_3500MHz_DFT-s-OFDM 16 QAM_RB75@0	13.985	14.284
15MHz_15kHz_3500MHz_DFT-s-OFDM 256 QAM_RB75@0	13.932	14.074
15MHz_15kHz_3500MHz_DFT-s-OFDM 64 QAM_RB75@0	13.931	14.326
15MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB75@0	14.046	14.155
15MHz_15kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB75@0	13.984	14.154
15MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB38@0	13.566	14.607
15MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB38@0	13.583	14.694
15MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB38@0	13.527	14.367
15MHz_30kHz_3500MHz_CP-OFDM QPSK_RB38@0	13.530	14.628
15MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB36@0	13.468	14.227
15MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB36@0	13.563	14.17
15MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB36@0	13.508	14.072
15MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB36@0	13.462	13.872
15MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB36@0	13.455	14.011
20MHz_15kHz_3500MHz_CP-OFDM 16 QAM_RB106@0	18.886	19.94
20MHz_15kHz_3500MHz_CP-OFDM 256 QAM_RB106@0	18.897	19.688
20MHz_15kHz_3500MHz_CP-OFDM 64 QAM_RB106@0	18.911	19.831
20MHz_15kHz_3500MHz_CP-OFDM QPSK_RB106@0	18.916	20.054
20MHz_15kHz_3500MHz_DFT-s-OFDM 16 QAM_RB100@0	18.733	19.092
20MHz_15kHz_3500MHz_DFT-s-OFDM 256 QAM_RB100@0	18.726	18.807
20MHz_15kHz_3500MHz_DFT-s-OFDM 64 QAM_RB100@0	18.677	18.84
20MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB100@0	18.675	18.753
20MHz_15kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB100@0	18.805	18.96
20MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB51@0	18.167	19.374
20MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB51@0	18.255	19.551
20MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB51@0	18.192	19.235
20MHz_30kHz_3500MHz_CP-OFDM QPSK_RB51@0	18.175	19.276
20MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB50@0	18.100	18.907
20MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB50@0	18.102	19.07
20MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB50@0	18.088	18.796
20MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB50@0	18.036	18.997
20MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB50@0	18.092	19.051
30MHz_15kHz_3500MHz_CP-OFDM 16 QAM_RB160@0	28.478	29.607
30MHz_15kHz_3500MHz_CP-OFDM 256 QAM_RB160@0	28.442	29.705
30MHz_15kHz_3500MHz_CP-OFDM 64 QAM_RB160@0	28.497	29.66

30MHz_15kHz_3500MHz_CP-OFDM QPSK_RB160@0	28.485	29.638
30MHz_15kHz_3500MHz_DFT-s-OFDM 16 QAM_RB160@0	28.452	29.821
30MHz_15kHz_3500MHz_DFT-s-OFDM 256 QAM_RB160@0	28.472	29.612
30MHz_15kHz_3500MHz_DFT-s-OFDM 64 QAM_RB160@0	28.474	29.668
30MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB160@0	28.571	29.565
30MHz_15kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB160@0	28.470	29.708
40MHz_15kHz_3500MHz_CP-OFDM 16 QAM_RB216@0	38.477	40.668
40MHz_15kHz_3500MHz_CP-OFDM 256 QAM_RB216@0	38.562	40.241
40MHz_15kHz_3500MHz_CP-OFDM 64 QAM_RB216@0	38.577	40.044
40MHz_15kHz_3500MHz_CP-OFDM QPSK_RB216@0	38.476	40.248
40MHz_15kHz_3500MHz_DFT-s-OFDM 16 QAM_RB216@0	38.468	40.311
40MHz_15kHz_3500MHz_DFT-s-OFDM 256 QAM_RB216@0	38.570	40.178
40MHz_15kHz_3500MHz_DFT-s-OFDM 64 QAM_RB216@0	38.568	40.186
40MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB216@0	38.585	40.235
40MHz_15kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB216@0	38.433	40.097
40MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB106@0	37.673	39.802
40MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB106@0	37.771	39.419
40MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB106@0	37.761	39.868
40MHz_30kHz_3500MHz_CP-OFDM QPSK_RB106@0	37.827	39.725
40MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB100@0	37.462	37.521
40MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB100@0	37.770	37.708
40MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB100@0	37.619	37.694
40MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB100@0	37.446	37.677
40MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB100@0	37.659	37.629
50MHz_15kHz_3500MHz_CP-OFDM 16 QAM_RB270@0	48.095	50.078
50MHz_15kHz_3500MHz_CP-OFDM 256 QAM_RB270@0	48.093	50.145
50MHz_15kHz_3500MHz_CP-OFDM 64 QAM_RB270@0	48.044	49.674
50MHz_15kHz_3500MHz_CP-OFDM QPSK_RB270@0	48.098	49.866
50MHz_15kHz_3500MHz_DFT-s-OFDM 16 QAM_RB270@0	48.232	49.839
50MHz_15kHz_3500MHz_DFT-s-OFDM 256 QAM_RB270@0	48.066	50.382
50MHz_15kHz_3500MHz_DFT-s-OFDM 64 QAM_RB270@0	48.071	49.881
50MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB270@0	48.087	49.948
50MHz_15kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB270@0	48.031	49.844
50MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB133@0	47.265	49.687
50MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB133@0	47.296	49.493
50MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB133@0	47.295	49.338
50MHz_30kHz_3500MHz_CP-OFDM QPSK_RB133@0	47.418	49.458
50MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB128@0	47.030	47.906
50MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB128@0	47.066	48.441
50MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB128@0	46.695	47.775
50MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB128@0	47.065	47.895
50MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB128@0	47.039	48.361
60MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB162@0	57.878	60.349

60MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB162@0	57.674	60.613
60MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB162@0	57.667	60.512
60MHz_30kHz_3500MHz_CP-OFDM QPSK_RB162@0	57.657	60.517
60MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB162@0	57.633	60.755
60MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB162@0	57.673	60.491
60MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB162@0	57.622	60.455
60MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB162@0	57.863	60.726
60MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB162@0	57.709	60.61
70MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB189@0	67.467	43.15
70MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB189@0	68.379	56.53
70MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB189@0	67.771	14.59
70MHz_30kHz_3500MHz_CP-OFDM QPSK_RB189@0	67.467	42.55
70MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB180@0	65.036	67.16
70MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB180@0	65.036	67.16
70MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB180@0	64.732	66.86
70MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB180@0	64.428	39.2
70MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB180@0	64.732	66.86
80MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB217@0	77.202	80.279
80MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB217@0	77.542	80.322
80MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB217@0	77.148	80.235
80MHz_30kHz_3500MHz_CP-OFDM QPSK_RB217@0	77.158	80.282
80MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB216@0	76.860	80.194
80MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB216@0	76.939	80.098
80MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB216@0	76.935	79.917
80MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB216@0	76.896	80.089
80MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB216@0	76.937	80.072
90MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB245@0	87.223	90.218
90MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB245@0	87.219	90.232
90MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB245@0	87.148	90.264
90MHz_30kHz_3500MHz_CP-OFDM QPSK_RB245@0	87.228	90.132
90MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB243@0	86.444	89.74
90MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB243@0	87.184	89.621
90MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB243@0	86.452	89.699
90MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB243@0	86.786	89.558
90MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB243@0	86.767	89.501
100MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB273@0	96.916	100.612
100MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB273@0	96.993	100.622
100MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB273@0	96.942	100.428
100MHz_30kHz_3500MHz_CP-OFDM QPSK_RB273@0	96.931	100.496
100MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB270@0	96.584	99.658
100MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB270@0	96.431	99.784
100MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB270@0	96.123	99.288
100MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB270@0	96.429	99.679

100MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB270@0	96.019	99.494

n77_3

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB52@0	9.257	9.763
10MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB52@0	9.324	9.817
10MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB52@0	9.289	9.913
10MHz_15kHz_3840MHz_CP-OFDM QPSK_RB52@0	9.251	9.786
10MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB50@0	9.200	9.429
10MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB50@0	9.209	9.508
10MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB50@0	9.206	9.509
10MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB50@0	9.216	9.43
10MHz_15kHz_3840MHz_DFT-s-OFDM π/2 BPSK_RB50@0	9.240	9.468
10MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB24@0	8.578	9.307
10MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB24@0	8.579	9.399
10MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB24@0	8.569	9.181
10MHz_30kHz_3840MHz_CP-OFDM QPSK_RB24@0	8.573	9.299
10MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB24@0	8.575	9.341
10MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB24@0	8.569	9.41
10MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB24@0	8.606	9.429
10MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB24@0	8.537	9.088
10MHz_30kHz_3840MHz_DFT-s-OFDM π/2 BPSK_RB24@0	8.565	9.356
15MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB79@0	14.067	14.85
15MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB79@0	14.108	14.814
15MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB79@0	14.108	14.772
15MHz_15kHz_3840MHz_CP-OFDM QPSK_RB79@0	14.067	14.879
15MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB75@0	13.999	14.243
15MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB75@0	13.941	14.172
15MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB75@0	13.939	14.191
15MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB75@0	13.986	14.222
15MHz_15kHz_3840MHz_DFT-s-OFDM π/2 BPSK_RB75@0	13.937	14.013
15MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB38@0	13.572	14.499
15MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB38@0	13.576	14.549
15MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB38@0	13.574	14.43
15MHz_30kHz_3840MHz_CP-OFDM QPSK_RB38@0	13.523	14.508
15MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB36@0	13.460	14.047
15MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB36@0	13.464	14.034
15MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB36@0	13.452	14.172
15MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB36@0	13.467	13.987
15MHz_30kHz_3840MHz_DFT-s-OFDM π/2 BPSK_RB36@0	13.508	14.006
20MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB106@0	18.896	19.829
20MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB106@0	18.898	19.863
20MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB106@0	18.840	19.624

20MHz_15kHz_3840MHz_CP-OFDM QPSK_RB106@0	18.882	19.817
20MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB100@0	18.813	18.956
20MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB100@0	18.737	18.775
20MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB100@0	18.801	18.889
20MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB100@0	18.733	18.772
20MHz_15kHz_3840MHz_DFT-s-OFDM π/2 BPSK_RB100@0	18.748	18.925
20MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB51@0	18.243	19.363
20MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB51@0	18.241	19.295
20MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB51@0	18.169	19.482
20MHz_30kHz_3840MHz_CP-OFDM QPSK_RB51@0	18.188	19.431
20MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB50@0	18.007	19.135
20MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB50@0	18.179	18.776
20MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB50@0	18.036	19.149
20MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB50@0	18.029	19.014
20MHz_30kHz_3840MHz_DFT-s-OFDM π/2 BPSK_RB50@0	18.004	18.702
30MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB160@0	28.471	29.541
30MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB160@0	28.487	29.673
30MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB160@0	28.575	29.684
30MHz_15kHz_3840MHz_CP-OFDM QPSK_RB160@0	28.499	29.736
30MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB160@0	28.450	29.499
30MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB160@0	28.590	29.841
30MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB160@0	28.563	29.693
30MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB160@0	28.591	29.803
30MHz_15kHz_3840MHz_DFT-s-OFDM π/2 BPSK_RB160@0	28.585	29.692
40MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB216@0	38.456	41.305
40MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB216@0	38.442	40.056
40MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB216@0	38.561	40.191
40MHz_15kHz_3840MHz_CP-OFDM QPSK_RB216@0	38.478	40.218
40MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB216@0	38.453	40.428
40MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB216@0	38.445	40.41
40MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB216@0	38.413	40.193
40MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB216@0	38.585	40.416
40MHz_15kHz_3840MHz_DFT-s-OFDM π/2 BPSK_RB216@0	38.404	40.338
40MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB106@0	37.780	39.656
40MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB106@0	37.780	39.889
40MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB106@0	37.799	39.595
40MHz_30kHz_3840MHz_CP-OFDM QPSK_RB106@0	37.767	39.776
40MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB100@0	37.349	37.926
40MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB100@0	37.486	37.811
40MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB100@0	37.447	37.731
40MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB100@0	37.600	37.69
40MHz_30kHz_3840MHz_DFT-s-OFDM π/2 BPSK_RB100@0	37.312	37.469
50MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB270@0	48.024	49.693

50MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB270@0	47.877	49.835
50MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB270@0	48.074	50.08
50MHz_15kHz_3840MHz_CP-OFDM QPSK_RB270@0	48.084	49.881
50MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB270@0	48.057	50.247
50MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB270@0	48.040	49.998
50MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB270@0	48.065	49.901
50MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB270@0	48.079	50.308
50MHz_15kHz_3840MHz_DFT-s-OFDM π/2 BPSK_RB270@0	48.031	49.908
50MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB133@0	47.436	49.679
50MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB133@0	47.290	49.431
50MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB133@0	47.454	49.626
50MHz_30kHz_3840MHz_CP-OFDM QPSK_RB133@0	47.457	49.693
50MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB128@0	47.026	48.044
50MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB128@0	47.068	47.891
50MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB128@0	47.008	47.762
50MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB128@0	47.024	47.684
50MHz_30kHz_3840MHz_DFT-s-OFDM π/2 BPSK_RB128@0	46.800	48.265
60MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB162@0	57.856	60.445
60MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB162@0	57.844	60.444
60MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB162@0	57.695	60.598
60MHz_30kHz_3840MHz_CP-OFDM QPSK_RB162@0	57.895	60.365
60MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB162@0	57.684	60.374
60MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB162@0	57.705	60.637
60MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB162@0	57.884	60.549
60MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB162@0	57.718	60.451
60MHz_30kHz_3840MHz_DFT-s-OFDM π/2 BPSK_RB162@0	57.841	60.399
70MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB189@0	67.771	69.9
70MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB189@0	68.683	70.51
70MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB189@0	67.771	69.9
70MHz_30kHz_3840MHz_CP-OFDM QPSK_RB189@0	67.771	42.55
70MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB180@0	64.732	39.51
70MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB180@0	65.036	53.79
70MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB180@0	65.036	66.56
70MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB180@0	65.036	67.16
70MHz_30kHz_3840MHz_DFT-s-OFDM π/2 BPSK_RB180@0	64.428	67.16
80MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB217@0	77.190	80.284
80MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB217@0	77.227	80.414
80MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB217@0	77.500	80.45
80MHz_30kHz_3840MHz_CP-OFDM QPSK_RB217@0	77.146	80.567
80MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB216@0	76.811	79.746
80MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB216@0	76.956	79.991
80MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB216@0	76.938	80.221
80MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB216@0	76.827	80.329

80MHz_30kHz_3840MHz_DFT-s-OFDM π/2 BPSK_RB216@0	77.122	80.486
90MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB245@0	87.150	90.277
90MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB245@0	87.250	90.266
90MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB245@0	87.289	90.27
90MHz_30kHz_3840MHz_CP-OFDM QPSK_RB245@0	87.211	90.194
90MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB243@0	86.533	89.739
90MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB243@0	86.576	89.945
90MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB243@0	86.551	89.628
90MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB243@0	86.477	89.864
90MHz_30kHz_3840MHz_DFT-s-OFDM π/2 BPSK_RB243@0	86.789	89.474
100MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB273@0	96.966	100.347
100MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB273@0	96.905	100.359
100MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB273@0	97.267	100.452
100MHz_30kHz_3840MHz_CP-OFDM QPSK_RB273@0	96.967	100.374
100MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB270@0	96.060	99.59
100MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB270@0	96.195	99.477
100MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB270@0	96.468	99.474
100MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB270@0	96.187	99.704
100MHz_30kHz_3840MHz_DFT-s-OFDM π/2 BPSK_RB270@0	96.153	99.993

n78_1

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB24@0	8.575	9.446
10MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB24@0	8.564	9.297
10MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB24@0	8.536	9.379
10MHz_30kHz_3500MHz_CP-OFDM QPSK_RB24@0	8.562	9.34
10MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB24@0	8.576	9.299
10MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB24@0	8.570	9.289
10MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB24@0	8.605	9.384
10MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB24@0	8.565	9.261
10MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB24@0	8.569	9.239
15MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB38@0	13.560	14.561
15MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB38@0	13.525	14.397
15MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB38@0	13.571	14.736
15MHz_30kHz_3500MHz_CP-OFDM QPSK_RB38@0	13.565	14.562
15MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB36@0	13.574	14.097
15MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB36@0	13.453	14.13
15MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB36@0	13.502	13.993
15MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB36@0	13.447	13.889
15MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB36@0	13.521	13.967
25MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB65@0	23.133	24.418
25MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB65@0	23.228	24.477
25MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB65@0	23.224	24.701

25MHz_30kHz_3500MHz_CP-OFDM QPSK_RB65@0	23.201	24.512
25MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB64@0	22.949	24.205
25MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB64@0	23.031	24.227
25MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB64@0	22.931	24.287
25MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB64@0	23.031	24.429
25MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB64@0	23.004	24.181
30MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB78@0	27.777	29.481
30MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB78@0	27.762	29.275
30MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB78@0	27.861	29.631
30MHz_30kHz_3500MHz_CP-OFDM QPSK_RB78@0	27.754	29.243
30MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB75@0	27.536	28.103
30MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB75@0	27.530	28.499
30MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB75@0	27.766	28.281
30MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB75@0	27.659	28.444
30MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB75@0	27.539	28.601
40MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB106@0	37.796	39.871
40MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB106@0	37.814	39.903
40MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB106@0	37.775	39.693
40MHz_30kHz_3500MHz_CP-OFDM QPSK_RB106@0	37.762	39.676
40MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB100@0	37.485	37.677
40MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB100@0	37.628	37.57
40MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB100@0	37.194	37.825
40MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB100@0	37.502	37.866
40MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB100@0	37.609	37.496
50MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB133@0	47.295	49.76
50MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB133@0	47.289	49.397
50MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB133@0	47.468	49.795
50MHz_30kHz_3500MHz_CP-OFDM QPSK_RB133@0	47.277	49.763
50MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB128@0	47.049	48.001
50MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB128@0	46.868	48.129
50MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB128@0	46.822	48.159
50MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB128@0	46.876	47.499
50MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB128@0	46.897	47.903
60MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB162@0	57.692	60.573
60MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB162@0	57.688	60.571
60MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB162@0	57.689	60.399
60MHz_30kHz_3500MHz_CP-OFDM QPSK_RB162@0	57.663	60.532
60MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB162@0	57.920	60.728
60MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB162@0	57.675	60.494
60MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB162@0	57.648	60.487
60MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB162@0	57.882	60.581
60MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB162@0	57.650	60.904
70MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB189@0	68.075	70.2

70MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB189@0	68.379	28.57
70MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB189@0	68.075	69.59
70MHz_30kHz_3500MHz_CP-OFDM QPSK_RB189@0	67.771	15.2
70MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB180@0	64.732	56.22
70MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB180@0	65.340	56.83
70MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB180@0	64.732	51.66
70MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB180@0	64.732	66.56
70MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB180@0	64.732	68.68
80MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB217@0	77.169	80.145
80MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB217@0	77.181	80.729
80MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB217@0	77.154	80.3
80MHz_30kHz_3500MHz_CP-OFDM QPSK_RB217@0	77.188	80.145
80MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB216@0	77.141	79.967
80MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB216@0	76.919	80.08
80MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB216@0	76.951	80.153
80MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB216@0	76.870	80.394
80MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB216@0	76.833	79.775
90MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB245@0	87.124	90.433
90MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB245@0	87.258	90.469
90MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB245@0	87.206	90.132
90MHz_30kHz_3500MHz_CP-OFDM QPSK_RB245@0	87.203	89.932
90MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB243@0	86.877	89.807
90MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB243@0	86.479	89.53
90MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB243@0	86.545	90.128
90MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB243@0	86.559	89.625
90MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB243@0	86.579	89.941
100MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB273@0	97.256	101.694
100MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB273@0	96.995	100.342
100MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB273@0	96.934	100.4
100MHz_30kHz_3500MHz_CP-OFDM QPSK_RB273@0	96.971	100.334
100MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB270@0	96.599	100.277
100MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB270@0	96.490	99.584
100MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB270@0	96.524	99.548
100MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB270@0	96.192	99.558
100MHz_30kHz_3500MHz_DFT-s-OFDM π/2 BPSK_RB270@0	96.180	99.643

n78_3

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_15kHz_3750MHz_CP-OFDM 16 QAM_RB52@0	9.258	9.826
10MHz_15kHz_3750MHz_CP-OFDM 256 QAM_RB52@0	9.259	9.815
10MHz_15kHz_3750MHz_CP-OFDM 64 QAM_RB52@0	9.294	9.84
10MHz_15kHz_3750MHz_CP-OFDM QPSK_RB52@0	9.286	9.854
10MHz_15kHz_3750MHz_DFT-s-OFDM 16 QAM_RB50@0	9.178	9.572

10MHz_15kHz_3750MHz_DFT-s-OFDM 256 QAM_RB50@0	9.202	9.461
10MHz_15kHz_3750MHz_DFT-s-OFDM 64 QAM_RB50@0	9.206	9.593
10MHz_15kHz_3750MHz_DFT-s-OFDM QPSK_RB50@0	9.210	9.519
10MHz_15kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB50@0	9.207	9.498
10MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB24@0	8.571	9.177
10MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB24@0	8.572	9.311
10MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB24@0	8.572	9.313
10MHz_30kHz_3750MHz_CP-OFDM QPSK_RB24@0	8.565	9.27
10MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB24@0	8.568	9.26
10MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB24@0	8.578	9.587
10MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB24@0	8.573	9.535
10MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB24@0	8.608	9.354
10MHz_30kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB24@0	8.572	9.202
15MHz_15kHz_3750MHz_CP-OFDM 16 QAM_RB79@0	14.056	14.787
15MHz_15kHz_3750MHz_CP-OFDM 256 QAM_RB79@0	14.069	14.802
15MHz_15kHz_3750MHz_CP-OFDM 64 QAM_RB79@0	14.101	14.786
15MHz_15kHz_3750MHz_CP-OFDM QPSK_RB79@0	14.057	14.819
15MHz_15kHz_3750MHz_DFT-s-OFDM 16 QAM_RB75@0	13.981	14.224
15MHz_15kHz_3750MHz_DFT-s-OFDM 256 QAM_RB75@0	13.946	14.306
15MHz_15kHz_3750MHz_DFT-s-OFDM 64 QAM_RB75@0	13.939	14.266
15MHz_15kHz_3750MHz_DFT-s-OFDM QPSK_RB75@0	13.936	14.482
15MHz_15kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB75@0	13.946	14.058
15MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB38@0	13.562	14.584
15MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB38@0	13.572	14.36
15MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB38@0	13.570	14.709
15MHz_30kHz_3750MHz_CP-OFDM QPSK_RB38@0	13.561	14.601
15MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB36@0	13.566	14.119
15MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB36@0	13.450	14.003
15MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB36@0	13.469	14.09
15MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB36@0	13.453	13.992
15MHz_30kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB36@0	13.506	14.183
25MHz_15kHz_3750MHz_CP-OFDM 16 QAM_RB133@0	23.724	25.711
25MHz_15kHz_3750MHz_CP-OFDM 256 QAM_RB133@0	23.643	24.727
25MHz_15kHz_3750MHz_CP-OFDM 64 QAM_RB133@0	23.710	24.821
25MHz_15kHz_3750MHz_CP-OFDM QPSK_RB133@0	23.716	24.831
25MHz_15kHz_3750MHz_DFT-s-OFDM 16 QAM_RB128@0	23.438	24.071
25MHz_15kHz_3750MHz_DFT-s-OFDM 256 QAM_RB128@0	23.532	24.259
25MHz_15kHz_3750MHz_DFT-s-OFDM 64 QAM_RB128@0	23.441	24.084
25MHz_15kHz_3750MHz_DFT-s-OFDM QPSK_RB128@0	23.331	24.18
25MHz_15kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB128@0	23.529	23.902
25MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB65@0	23.132	24.406
25MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB65@0	23.227	24.375
25MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB65@0	23.220	24.658

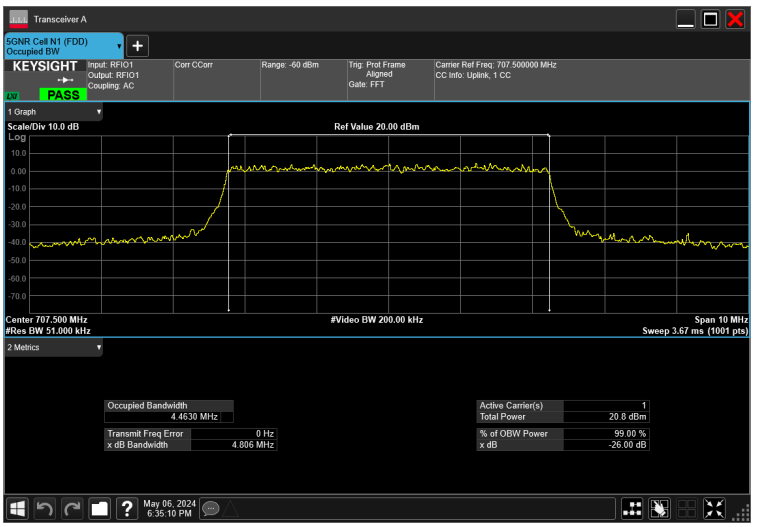
25MHz_30kHz_3750MHz_CP-OFDM QPSK_RB65@0	23.211	24.535
25MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB64@0	23.021	24.287
25MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB64@0	23.027	24.246
25MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB64@0	23.038	24.447
25MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB64@0	23.036	24.42
25MHz_30kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB64@0	22.923	24.2
30MHz_15kHz_3750MHz_CP-OFDM 16 QAM_RB160@0	28.467	29.784
30MHz_15kHz_3750MHz_CP-OFDM 256 QAM_RB160@0	28.496	29.536
30MHz_15kHz_3750MHz_CP-OFDM 64 QAM_RB160@0	28.493	29.762
30MHz_15kHz_3750MHz_CP-OFDM QPSK_RB160@0	28.471	29.576
30MHz_15kHz_3750MHz_DFT-s-OFDM 16 QAM_RB160@0	28.578	29.769
30MHz_15kHz_3750MHz_DFT-s-OFDM 256 QAM_RB160@0	28.454	29.637
30MHz_15kHz_3750MHz_DFT-s-OFDM 64 QAM_RB160@0	28.580	29.821
30MHz_15kHz_3750MHz_DFT-s-OFDM QPSK_RB160@0	28.485	29.732
30MHz_15kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB160@0	28.482	29.581
30MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB78@0	27.757	29.106
30MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB78@0	27.748	29.337
30MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB78@0	27.774	29.278
30MHz_30kHz_3750MHz_CP-OFDM QPSK_RB78@0	27.755	29.302
30MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB75@0	27.603	28.354
30MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB75@0	27.742	28.542
30MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB75@0	27.524	28.29
30MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB75@0	27.509	28.427
30MHz_30kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB75@0	27.639	28.225
40MHz_15kHz_3750MHz_CP-OFDM 16 QAM_RB216@0	38.560	40.302
40MHz_15kHz_3750MHz_CP-OFDM 256 QAM_RB216@0	38.471	40.236
40MHz_15kHz_3750MHz_CP-OFDM 64 QAM_RB216@0	38.572	40.245
40MHz_15kHz_3750MHz_CP-OFDM QPSK_RB216@0	38.456	40.665
40MHz_15kHz_3750MHz_DFT-s-OFDM 16 QAM_RB216@0	38.443	40.252
40MHz_15kHz_3750MHz_DFT-s-OFDM 256 QAM_RB216@0	38.584	41.538
40MHz_15kHz_3750MHz_DFT-s-OFDM 64 QAM_RB216@0	38.568	40.245
40MHz_15kHz_3750MHz_DFT-s-OFDM QPSK_RB216@0	38.563	40.462
40MHz_15kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB216@0	38.590	40.362
40MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB106@0	37.771	39.761
40MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB106@0	37.816	40.019
40MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB106@0	37.795	39.599
40MHz_30kHz_3750MHz_CP-OFDM QPSK_RB106@0	37.658	39.636
40MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB100@0	37.447	37.615
40MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB100@0	37.625	37.606
40MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB100@0	37.177	37.788
40MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB100@0	37.444	37.751
40MHz_30kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB100@0	37.506	37.663
50MHz_15kHz_3750MHz_CP-OFDM 16 QAM_RB270@0	48.072	50.425

50MHz_15kHz_3750MHz_CP-OFDM 256 QAM_RB270@0	48.234	50.271
50MHz_15kHz_3750MHz_CP-OFDM 64 QAM_RB270@0	48.057	49.905
50MHz_15kHz_3750MHz_CP-OFDM QPSK_RB270@0	48.062	50.08
50MHz_15kHz_3750MHz_DFT-s-OFDM 16 QAM_RB270@0	48.201	49.931
50MHz_15kHz_3750MHz_DFT-s-OFDM 256 QAM_RB270@0	48.079	49.819
50MHz_15kHz_3750MHz_DFT-s-OFDM 64 QAM_RB270@0	48.096	50.209
50MHz_15kHz_3750MHz_DFT-s-OFDM QPSK_RB270@0	48.081	49.975
50MHz_15kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB270@0	48.238	50.692
50MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB133@0	47.414	49.732
50MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB133@0	47.275	49.537
50MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB133@0	47.434	49.414
50MHz_30kHz_3750MHz_CP-OFDM QPSK_RB133@0	47.280	49.708
50MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB128@0	47.047	48.184
50MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB128@0	46.844	48.241
50MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB128@0	46.805	47.83
50MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB128@0	46.862	47.9
50MHz_30kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB128@0	46.853	47.884
60MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB162@0	57.694	60.542
60MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB162@0	57.692	60.605
60MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB162@0	57.688	60.389
60MHz_30kHz_3750MHz_CP-OFDM QPSK_RB162@0	57.653	60.519
60MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB162@0	57.917	60.529
60MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB162@0	57.682	60.602
60MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB162@0	57.679	60.64
60MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB162@0	57.852	60.576
60MHz_30kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB162@0	57.893	60.669
70MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB189@0	67.771	69.9
70MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB189@0	68.075	14.59
70MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB189@0	68.075	70.2
70MHz_30kHz_3750MHz_CP-OFDM QPSK_RB189@0	68.075	56.53
70MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB180@0	64.732	66.86
70MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB180@0	64.732	66.56
70MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB180@0	64.732	25.22
70MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB180@0	64.732	38.9
70MHz_30kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB180@0	64.732	28.26
80MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB217@0	77.243	80.316
80MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB217@0	77.191	80.47
80MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB217@0	77.191	80.243
80MHz_30kHz_3750MHz_CP-OFDM QPSK_RB217@0	77.181	80.398
80MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB216@0	77.123	80.141
80MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB216@0	76.932	80.153
80MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB216@0	76.937	80.11
80MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB216@0	76.875	80.262

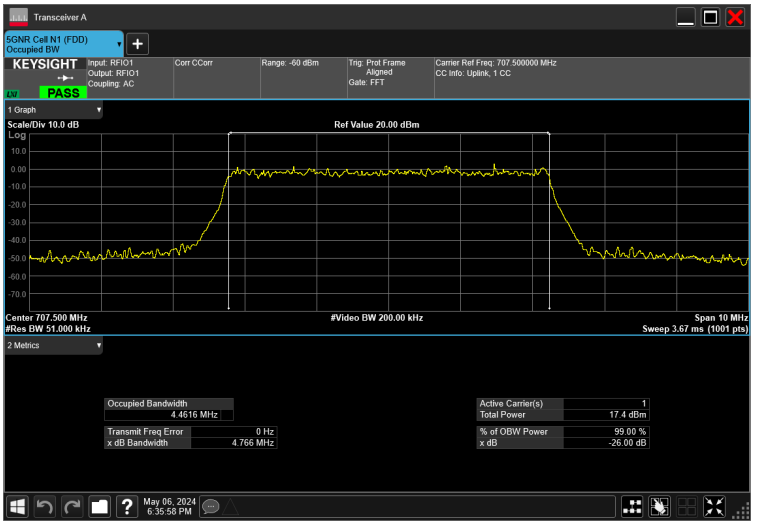
80MHz_30kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB216@0	76.848	80.015
90MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB245@0	86.930	90.347
90MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB245@0	87.247	90.508
90MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB245@0	87.199	90.273
90MHz_30kHz_3750MHz_CP-OFDM QPSK_RB245@0	87.176	90.349
90MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB243@0	86.878	89.787
90MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB243@0	86.448	89.473
90MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB243@0	86.469	89.784
90MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB243@0	86.512	89.74
90MHz_30kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB243@0	86.528	89.795
100MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB273@0	96.932	100.461
100MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB273@0	97.208	100.353
100MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB273@0	96.991	100.442
100MHz_30kHz_3750MHz_CP-OFDM QPSK_RB273@0	96.979	100.37
100MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB270@0	96.542	100.148
100MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB270@0	96.418	99.81
100MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB270@0	96.431	99.382
100MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB270@0	96.170	99.573
100MHz_30kHz_3750MHz_DFT-s-OFDM π/2 BPSK_RB270@0	96.440	99.484

n12

5MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB25@0 4.463 MHz

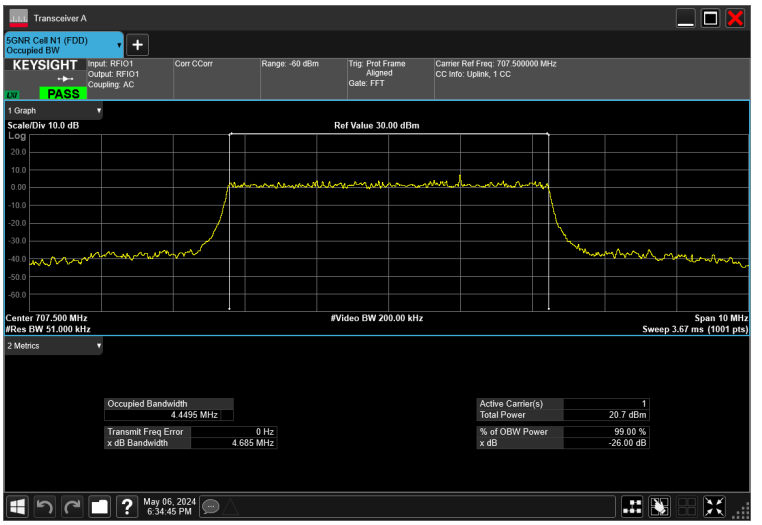


5MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB25@0 4.462 MHz



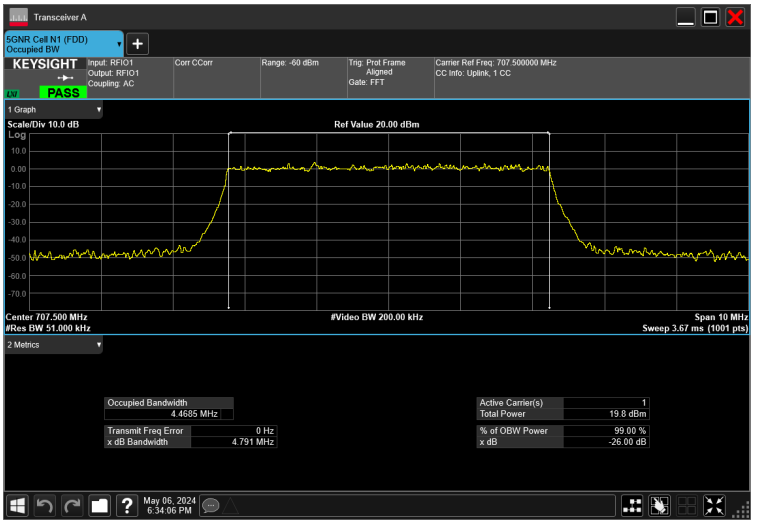
5MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB25@0 4.467 MHz

5MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB25@0 4.450 MHz

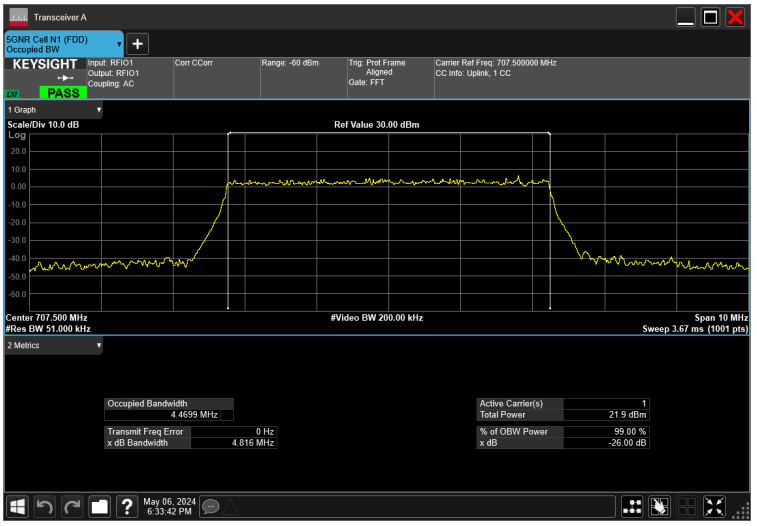


5MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB25@0 4.462 MHz

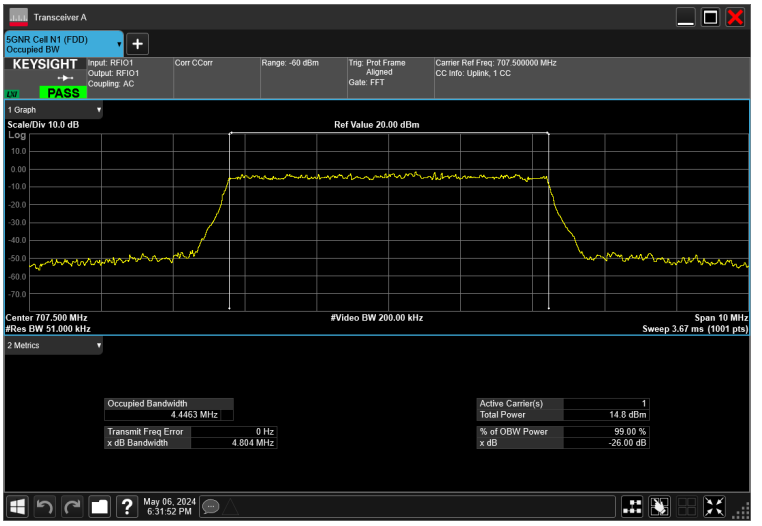
5MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB25@0 4.469 MHz



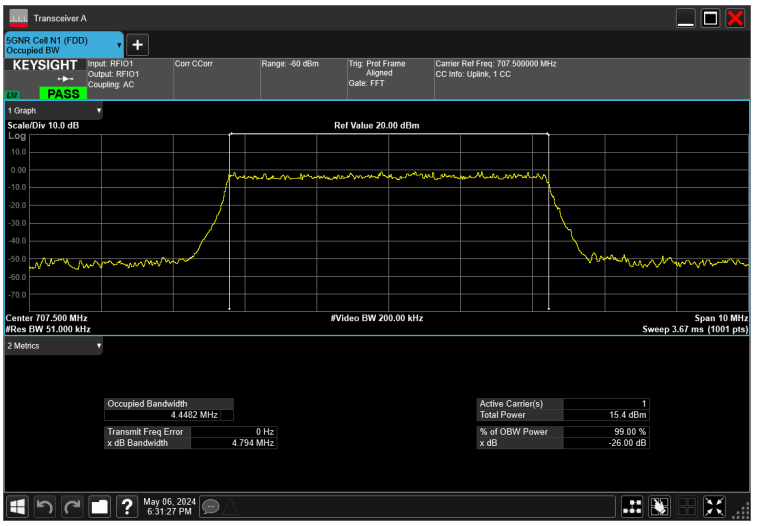
5MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB25@0 4.470 MHz



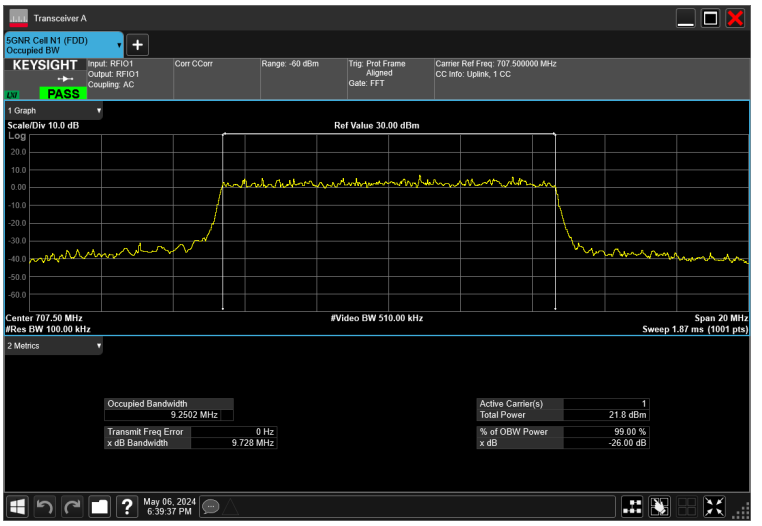
5MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB25@0 4.446 MHz



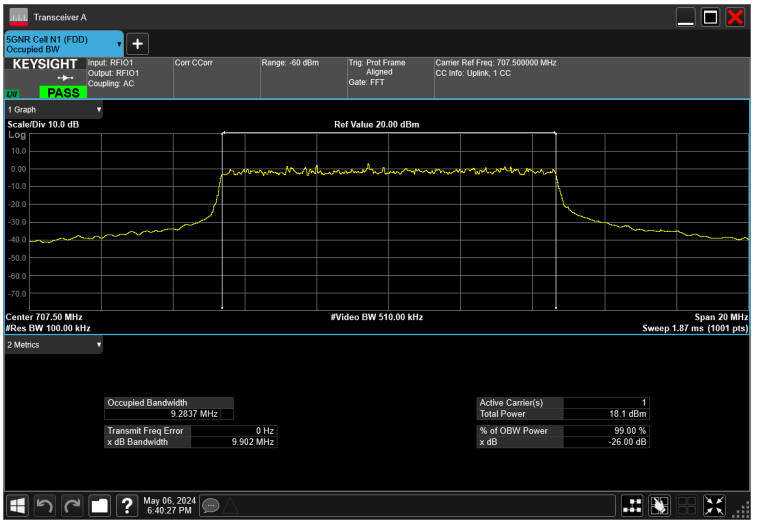
5MHz_15kHz_707.5MHz_DFT-s-OFDM π/2 BPSK_RB25@0 4.448 MHz



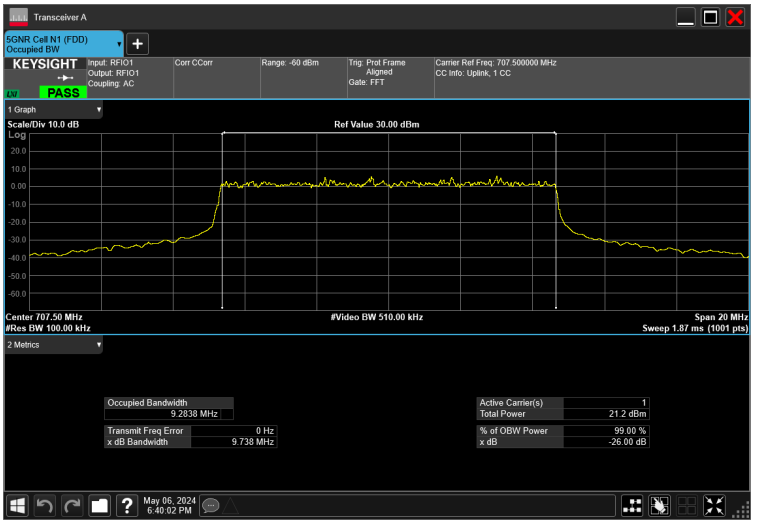
10MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB52@0 9.250 MHz



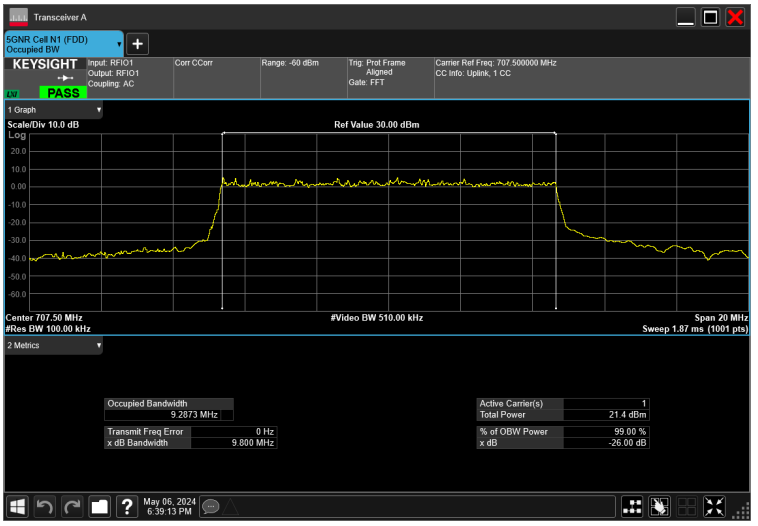
10MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB52@0 9.284 MHz



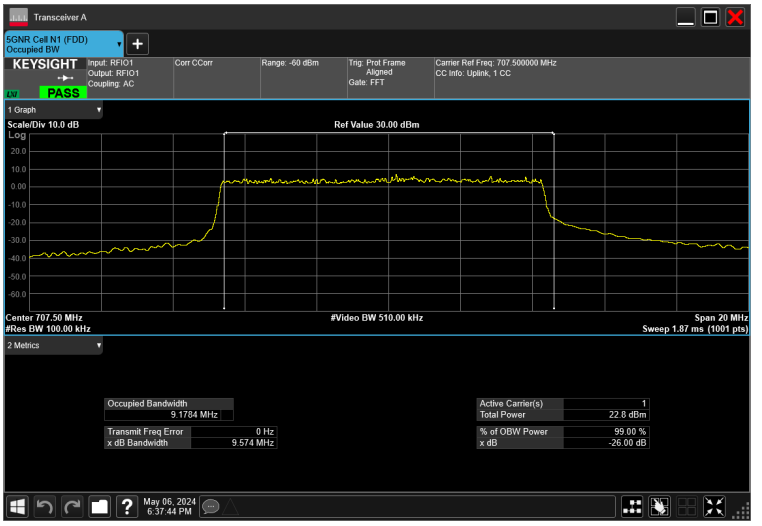
10MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB52@0 9.284 MHz



10MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB52@0 9.287 MHz

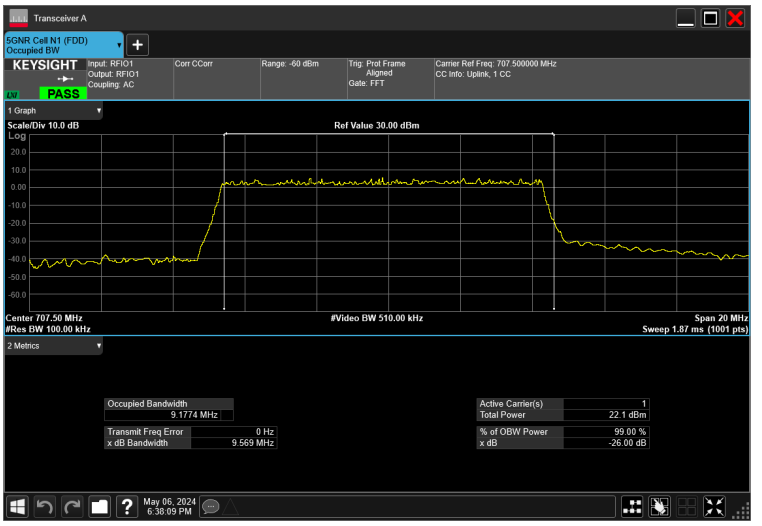


10MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB50@0 9.178 MHz

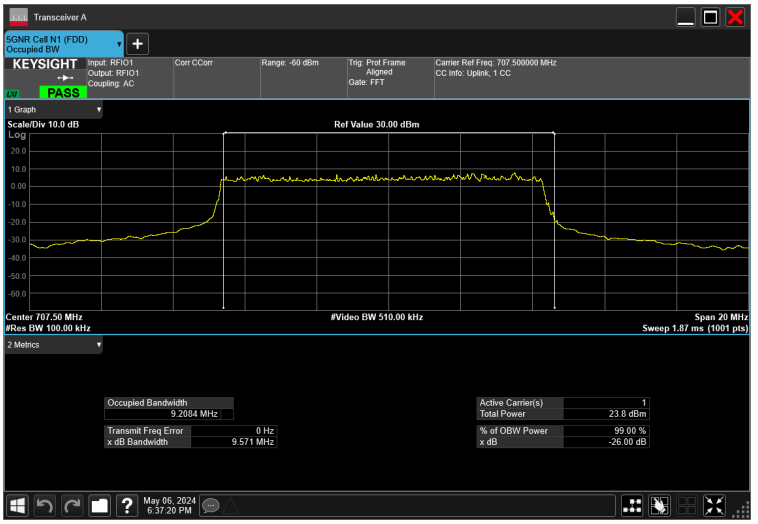


10MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB50@0 9.204 MHz

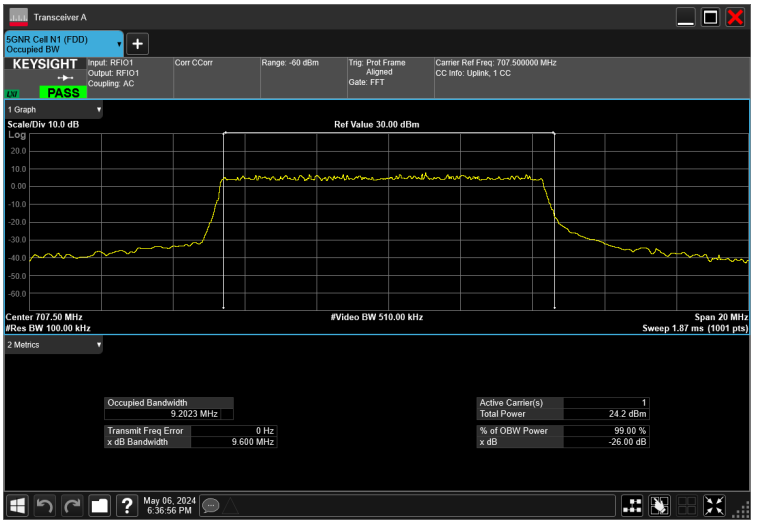
10MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB50@0 9.177 MHz



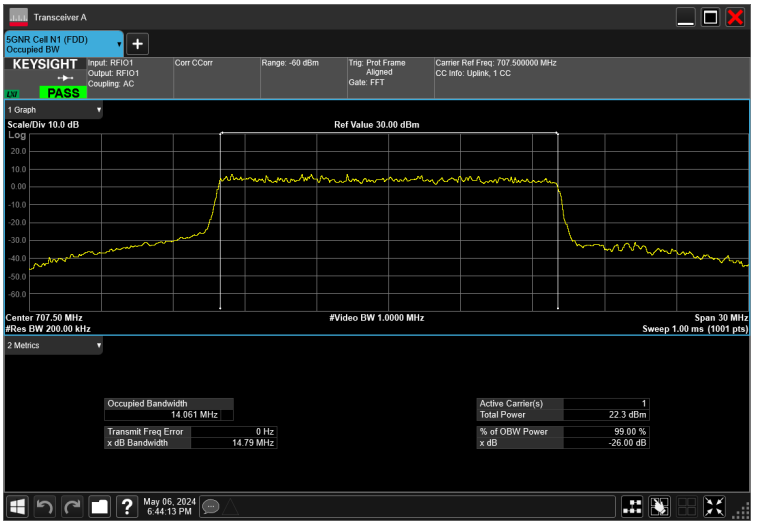
10MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB50@0 9.208 MHz



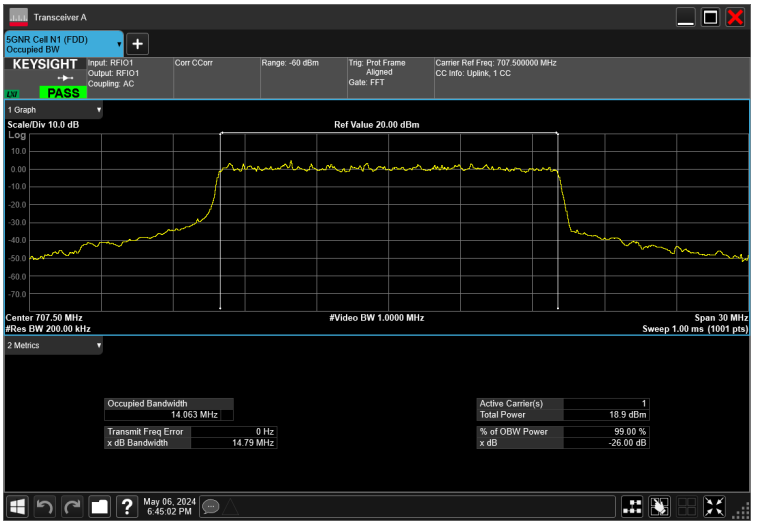
10MHz_15kHz_707.5MHz_DFT-s-OFDM π/2 BPSK_RB50@0 9.202 MHz



15MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB79@0 14.061 MHz

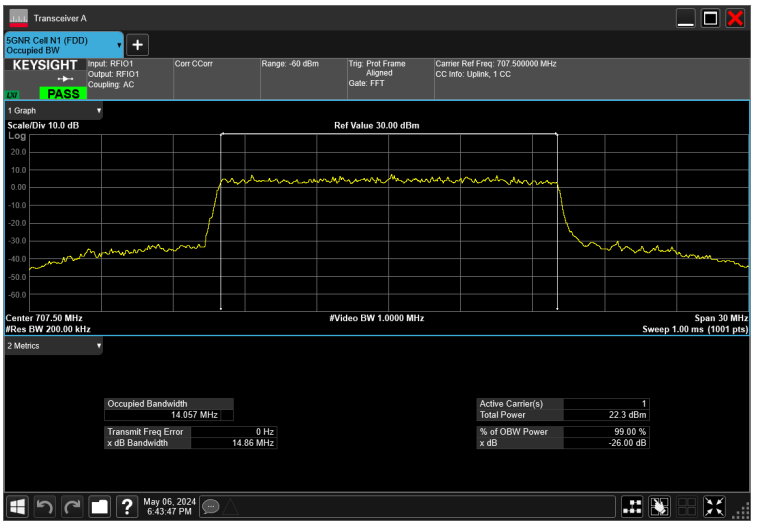


15MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB79@0 14.063 MHz

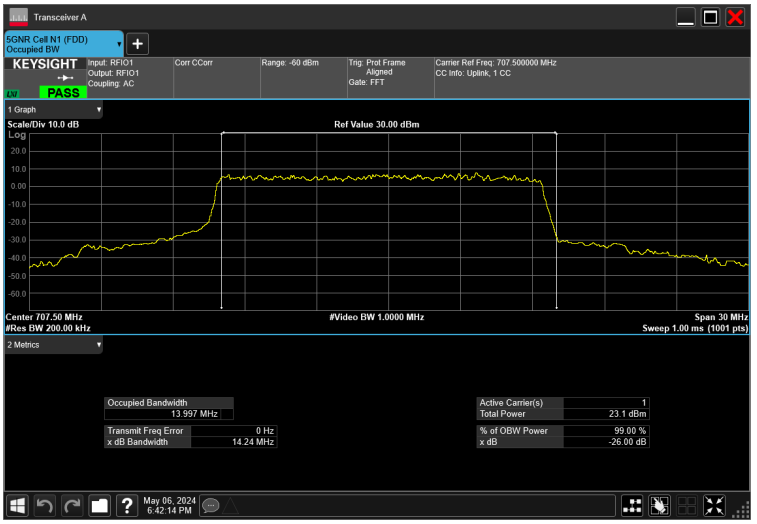


15MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB79@0 14.057 MHz

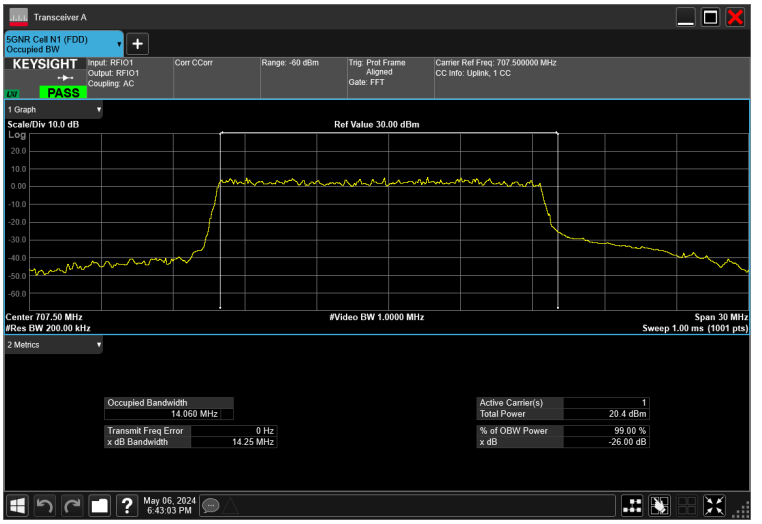
15MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB79@0 14.057 MHz



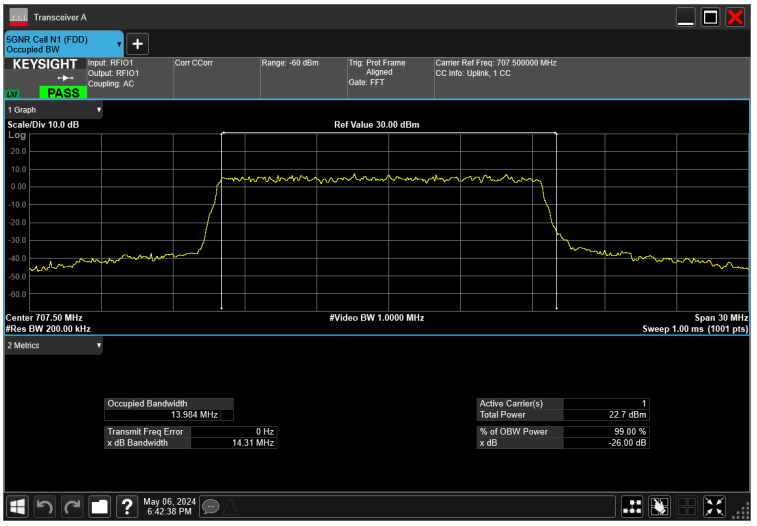
15MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB75@0 13.997 MHz



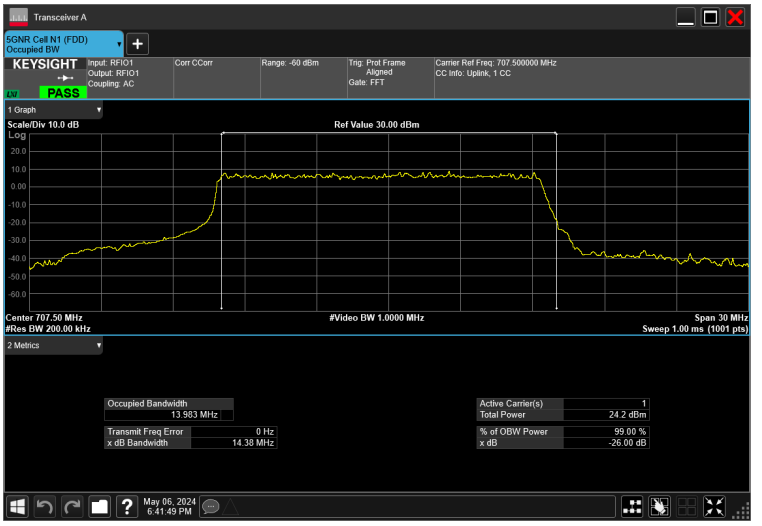
15MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB75@0 14.060 MHz



15MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB75@0 13.984 MHz



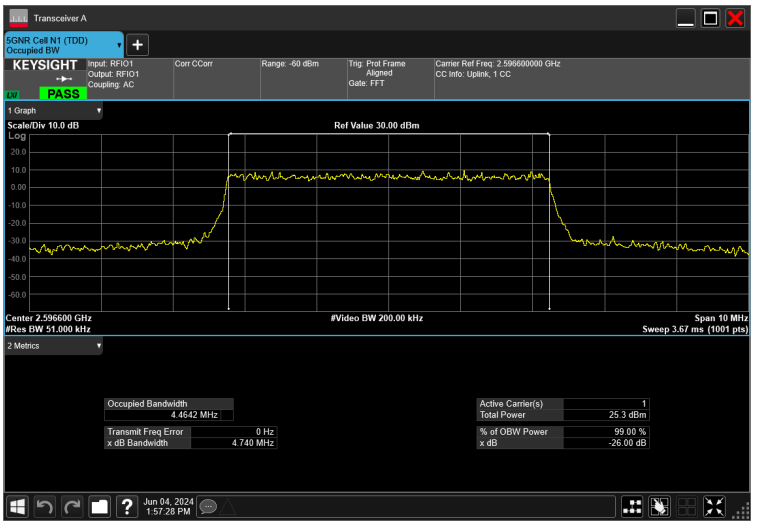
15MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB75@0 13.983 MHz



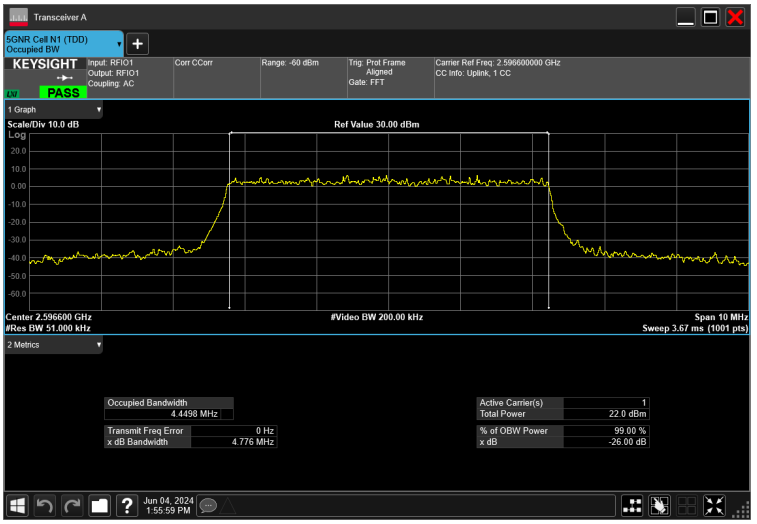
n38

15MHz_15kHz_707.5MHz_DFT-s-OFDM π/2 BPSK_RB75@0 13.997 MHz

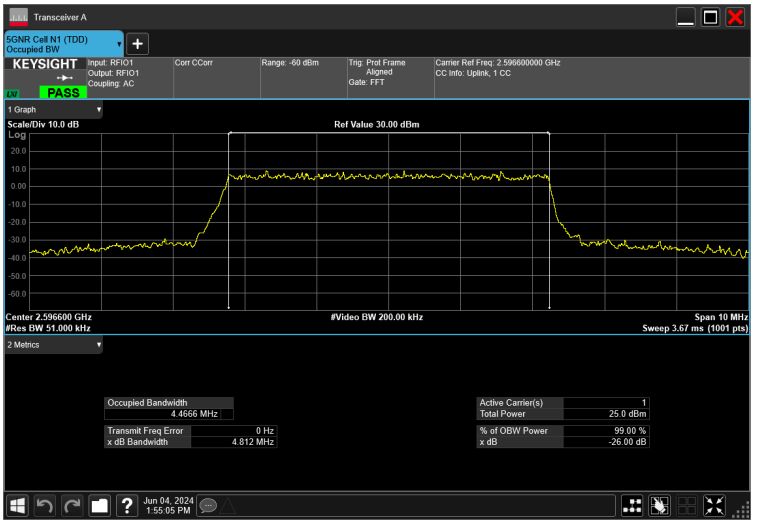
5MHz_15kHz_2595MHz_CP-OFDM 16 QAM_RB25@0 4.464 MHz



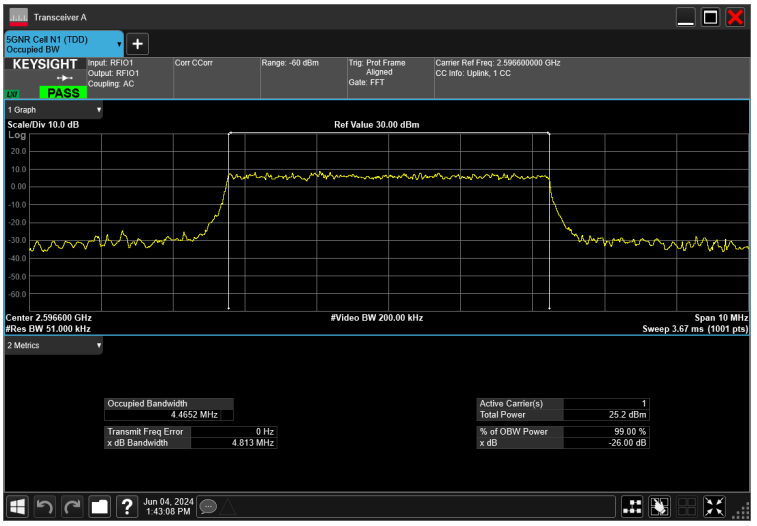
5MHz_15kHz_2595MHz_CP-OFDM 256 QAM_RB25@0 4.450 MHz



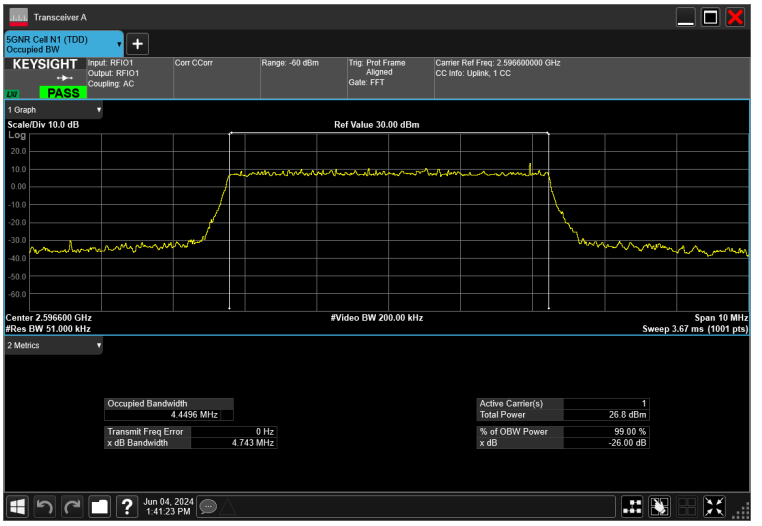
5MHz_15kHz_2595MHz_CP-OFDM 64 QAM_RB25@0 4.467 MHz



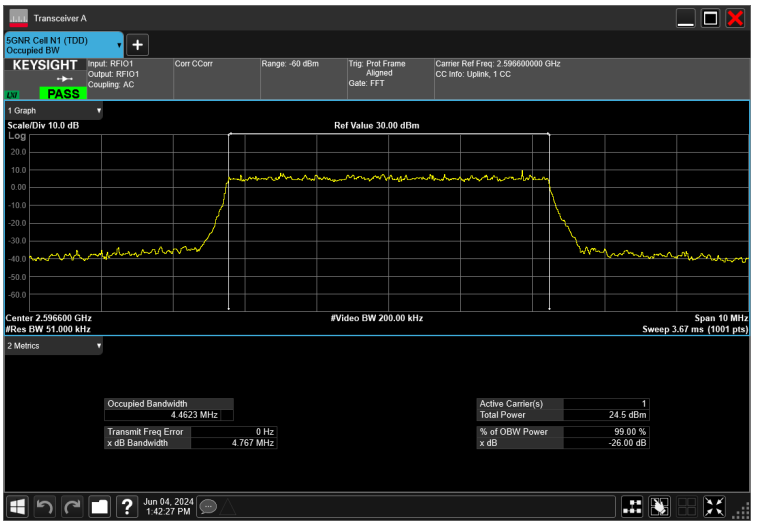
5MHz_15kHz_2595MHz_CP-OFDM QPSK_RB25@0 4.465 MHz



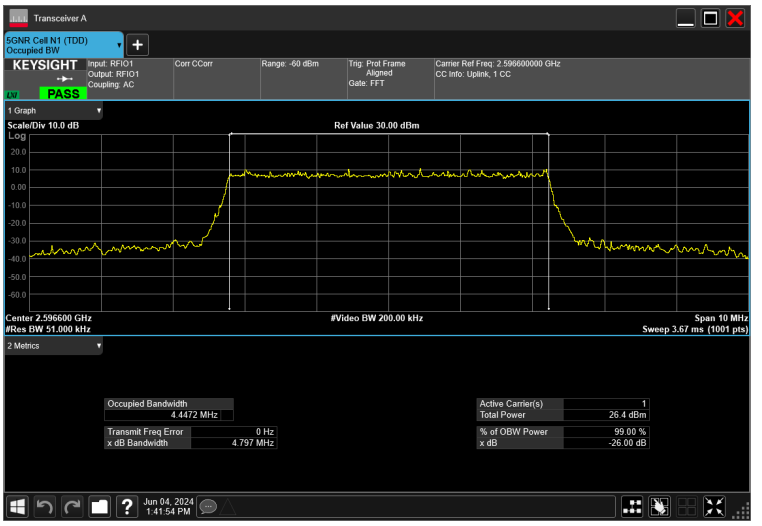
5MHz_15kHz_2595MHz_DFT-s-OFDM 16 QAM_RB25@0 4.450 MHz



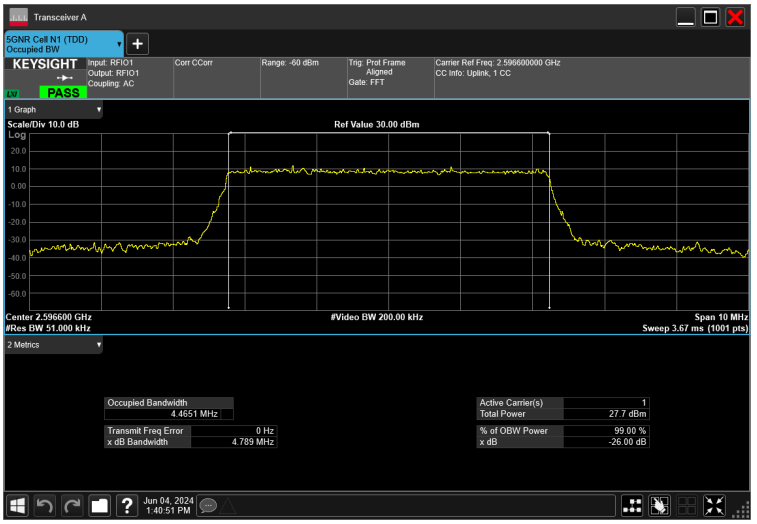
5MHz_15kHz_2595MHz_DFT-s-OFDM 256 QAM_RB25@0 4.462 MHz



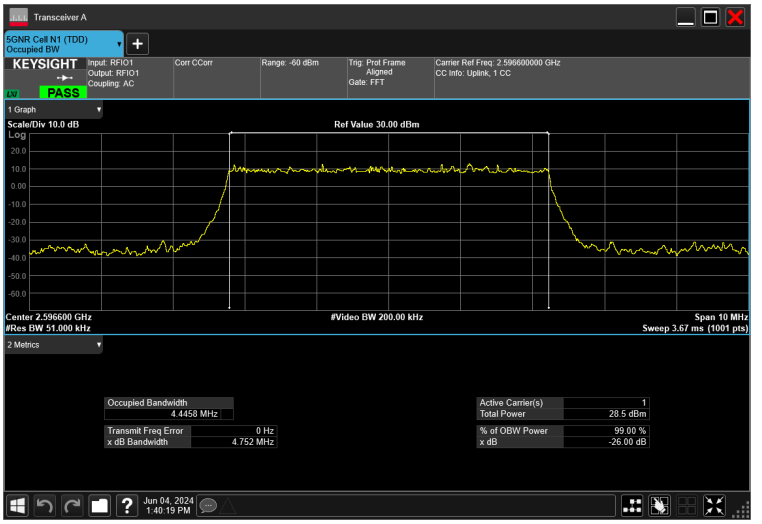
5MHz_15kHz_2595MHz_DFT-s-OFDM 64 QAM_RB25@0 4.447 MHz



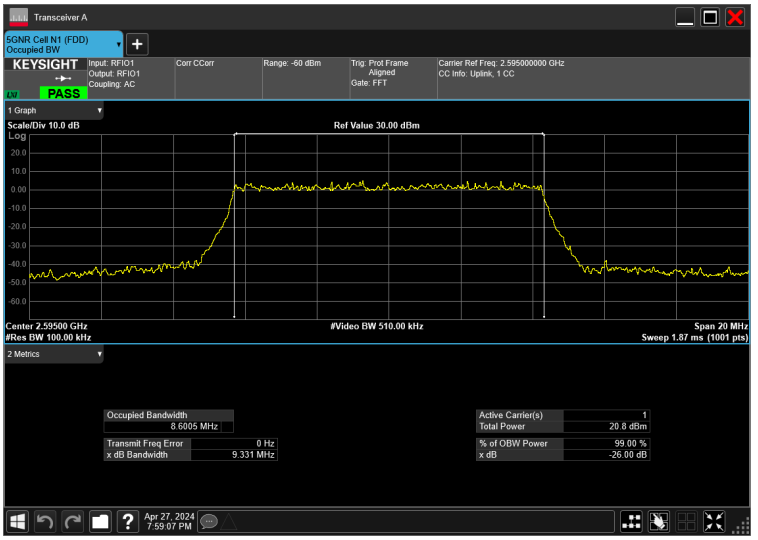
5MHz_15kHz_2595MHz_DFT-s-OFDM QPSK_RB25@0 4.465 MHz



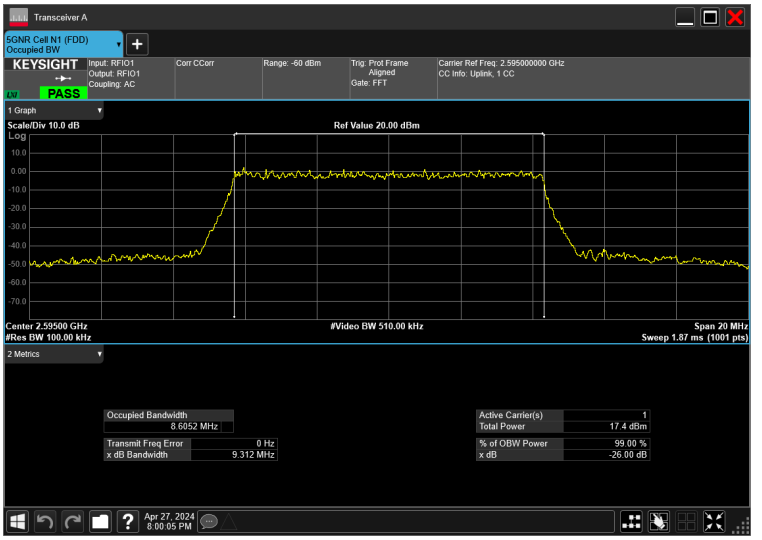
5MHz_15kHz_2595MHz_DFT-s-OFDM π/2 BPSK_RB25@0 4.446 MHz



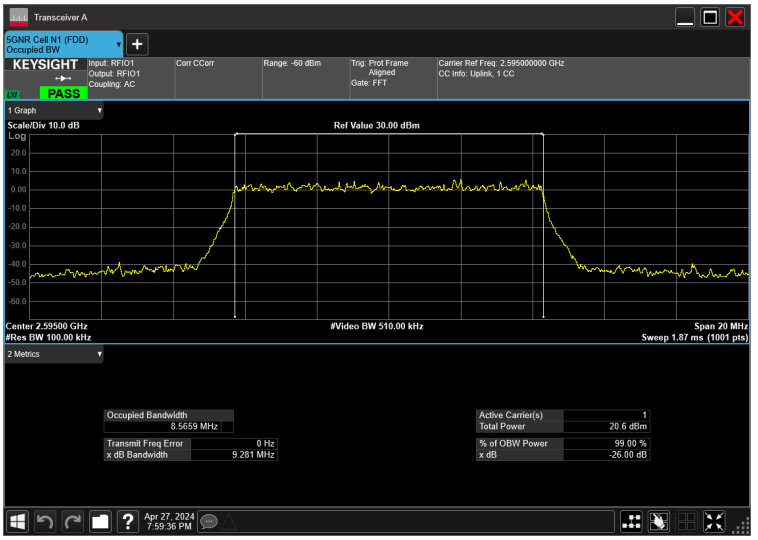
10MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB24@0 8.601 MHz



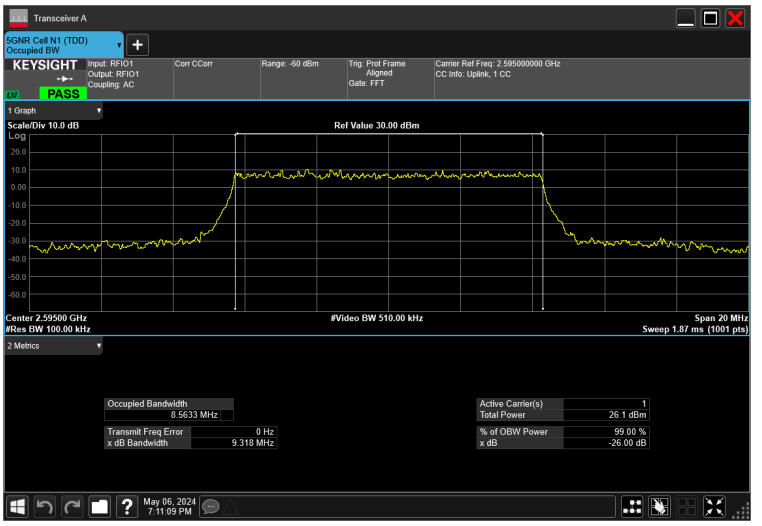
10MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB24@0 8.605 MHz



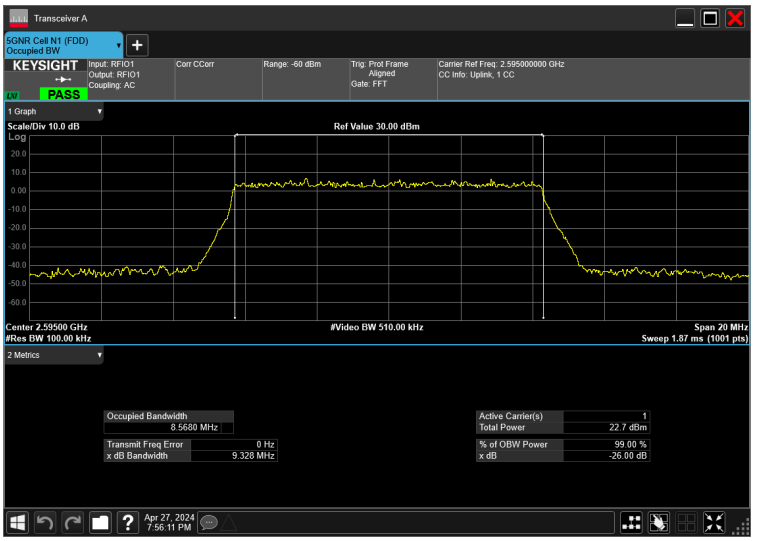
10MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB24@0 8.566 MHz



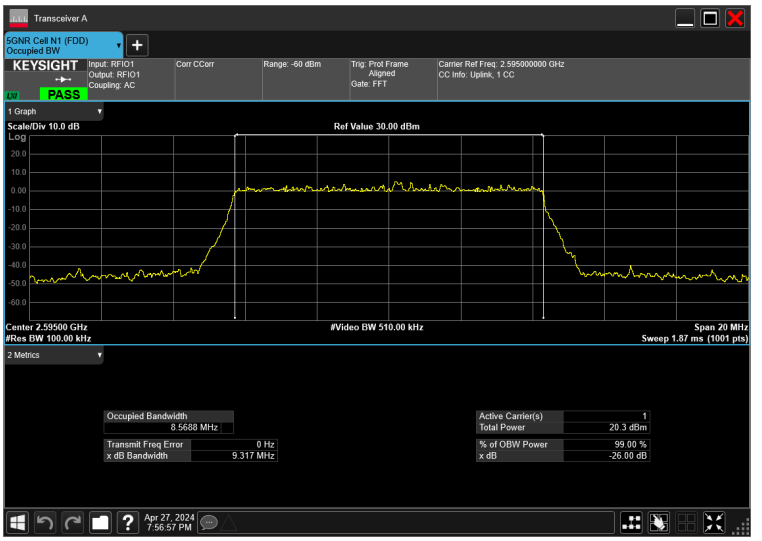
10MHz_30kHz_2595MHz_CP-OFDM QPSK_RB24@0 8.563 MHz



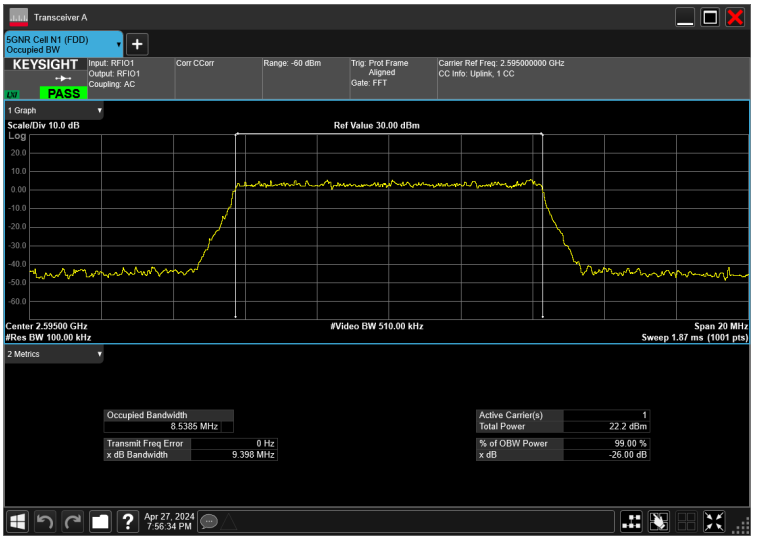
10MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB24@0 8.568 MHz



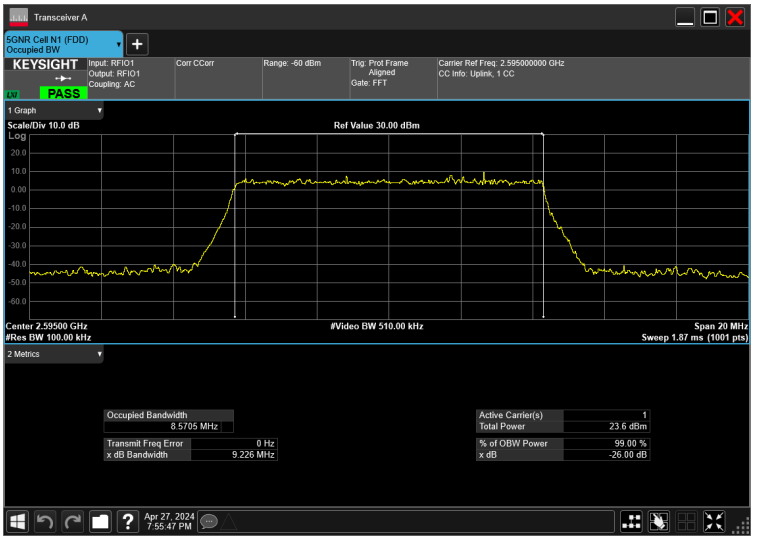
10MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB24@0 8.569 MHz



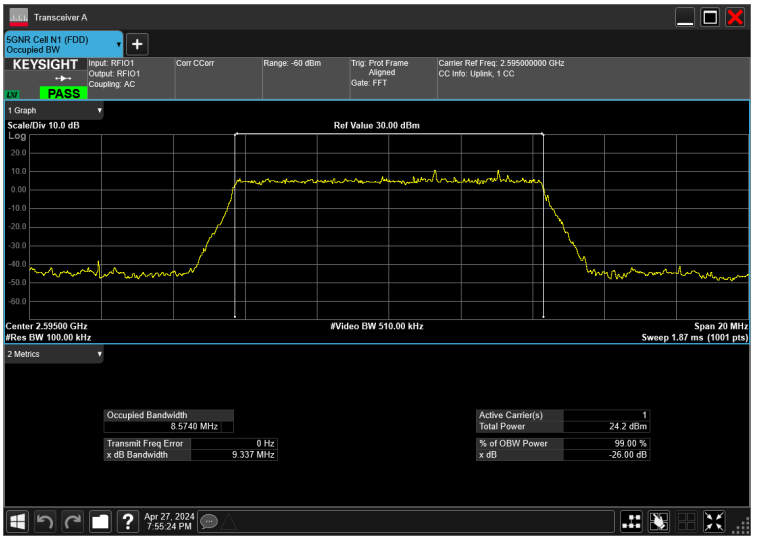
10MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB24@0 8.538 MHz



10MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB24@0 8.570 MHz

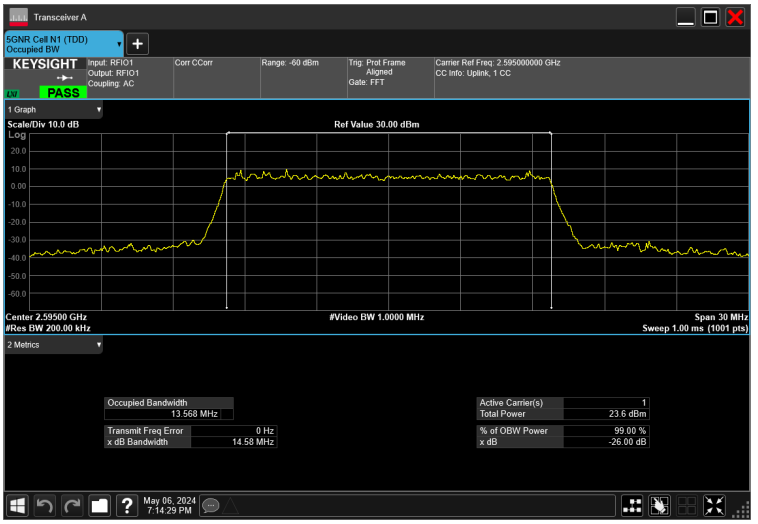


10MHz_30kHz_2595MHz_DFT-s-OFDM π/2 BPSK_RB24@0 8.574 MHz

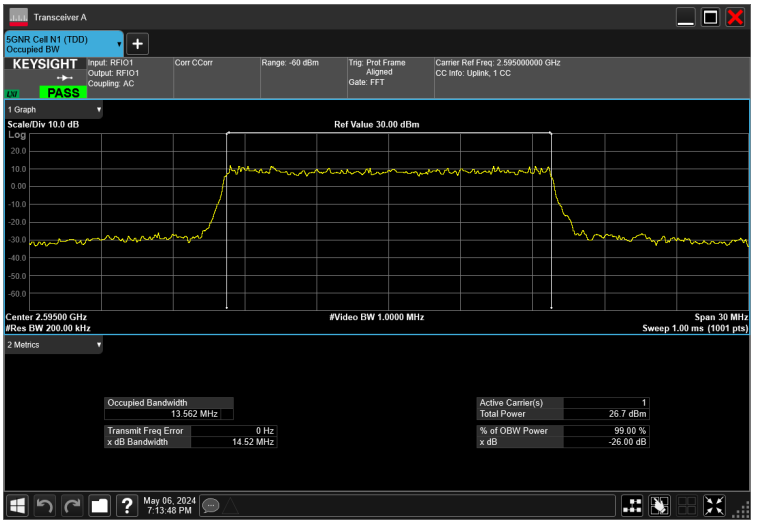


15MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB38@0 13.572 MHz

15MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB38@0 13.568 MHz

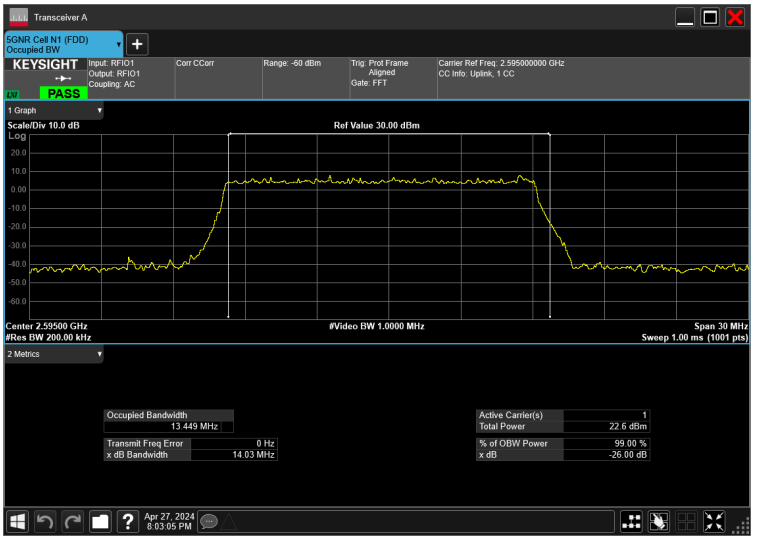


15MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB38@0 13.562 MHz



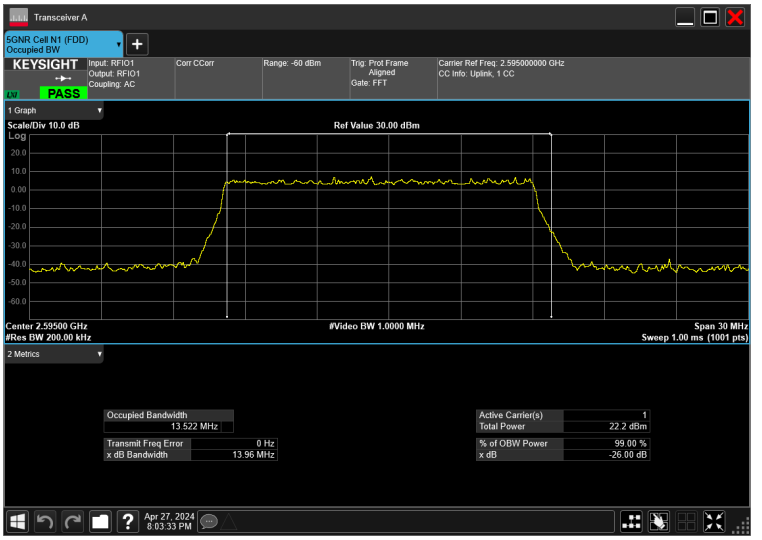
15MHz_30kHz_2595MHz_CP-OFDM QPSK_RB38@0 13.573 MHz

15MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB36@0 13.449 MHz

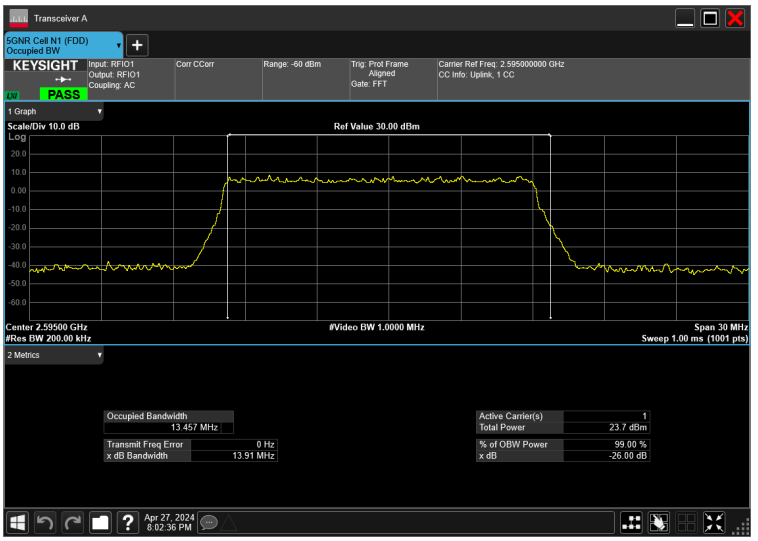


15MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB36@0 13.522 MHz

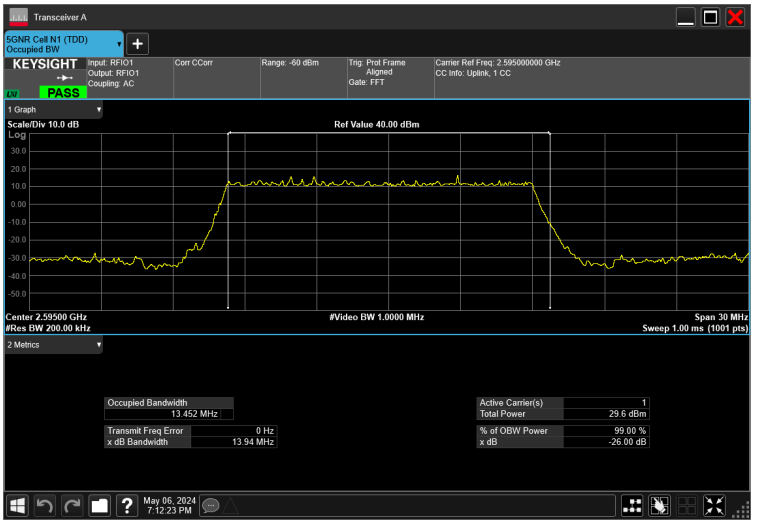
15MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB36@0 13.522 MHz



15MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB36@0 13.457 MHz

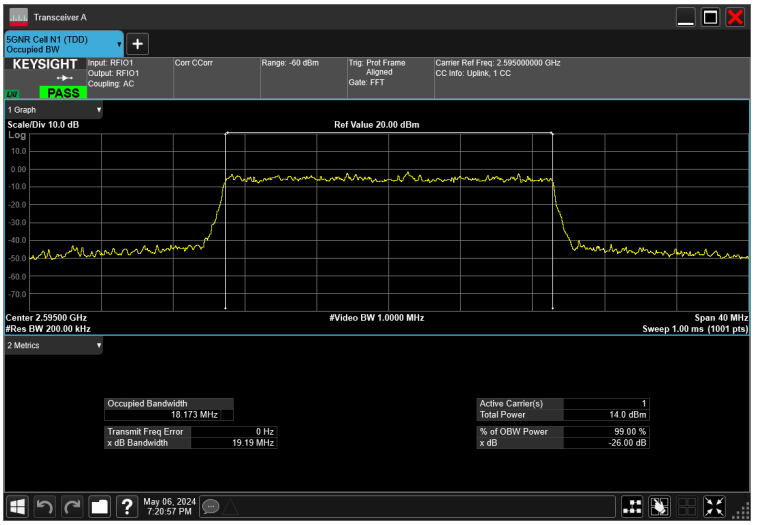


15MHz_30kHz_2595MHz_DFT-s-OFDM π/2 BPSK_RB36@0 13.452 MHz



20MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB51@0 18.163 MHz

20MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB51@0 18.173 MHz

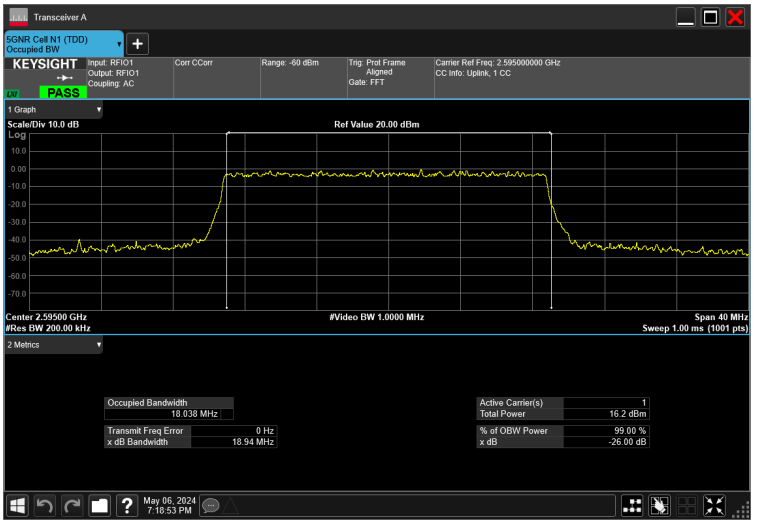


20MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB51@0 18.185 MHz

20MHz_30kHz_2595MHz_CP-OFDM QPSK_RB51@0 18.184 MHz

20MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB50@0 18.037 MHz

20MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB50@0 18.038 MHz



20MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB50@0 18.023 MHz

20MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB50@0 18.040 MHz

20MHz_30kHz_2595MHz_DFT-s-OFDM π/2 BPSK_RB50@0 18.163 MHz

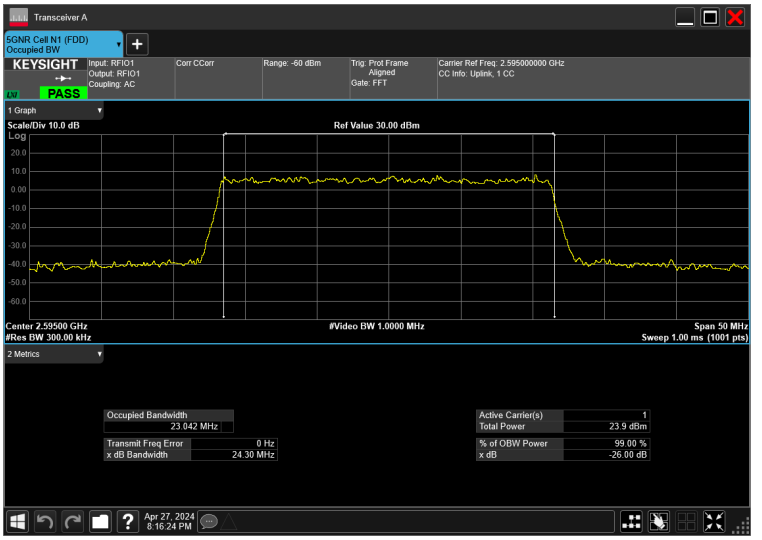
25MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB65@0 23.128 MHz

25MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB65@0 23.223 MHz

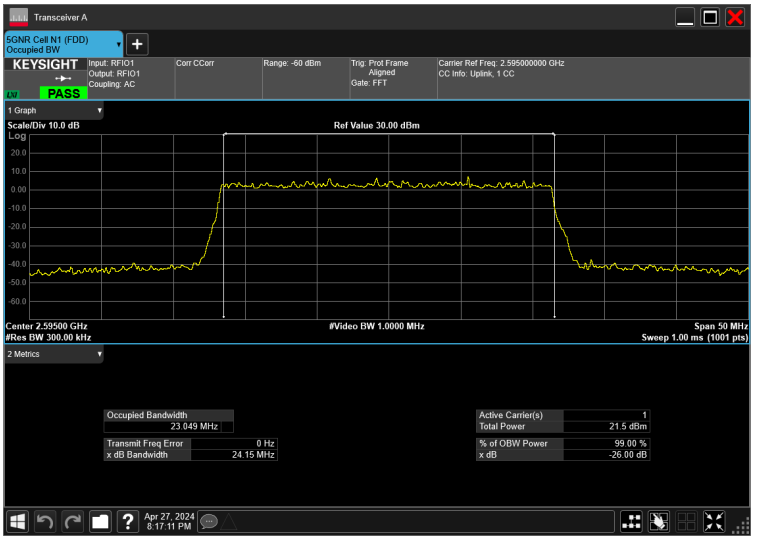
25MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB65@0 23.229 MHz

25MHz_30kHz_2595MHz_CP-OFDM QPSK_RB65@0 23.219 MHz

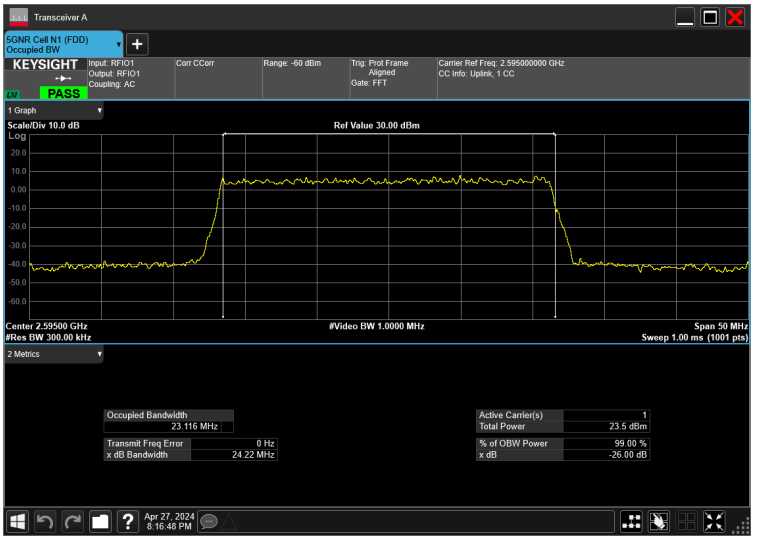
25MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB64@0 23.042 MHz

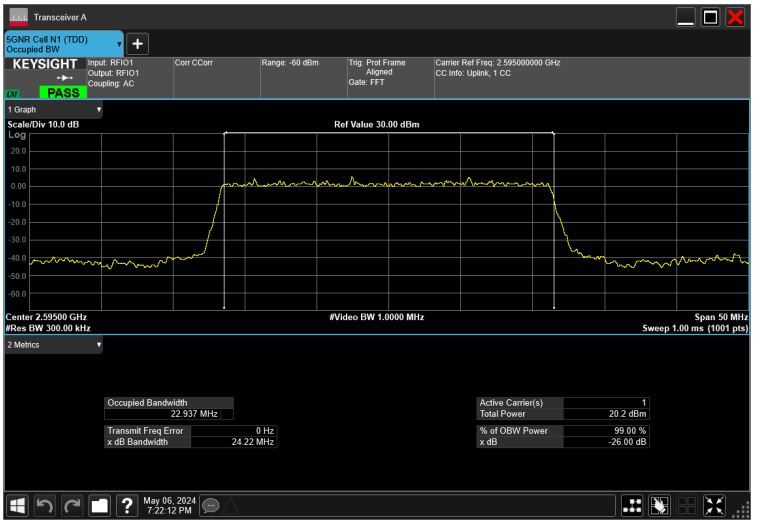


25MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB64@0 23.049 MHz



25MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB64@0 23.116 MHz



25MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB64@0 22.948 MHz

25MHz_30kHz_2595MHz_DFT-s-OFDM π/2 BPSK_RB64@0 22.937 MHz