

FCC Part 27

Occupied bandwidth

n12

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_701.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.466	4.681
5MHz_15kHz_701.5MHz_DFT-s-OFDM QPSK_RB25@0	4.466	4.667
5MHz_15kHz_701.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.465	4.704
5MHz_15kHz_701.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.465	4.676
5MHz_15kHz_701.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.469	4.679
5MHz_15kHz_701.5MHz_CP-OFDM QPSK_RB25@0	4.463	4.655
5MHz_15kHz_701.5MHz_CP-OFDM 16 QAM_RB25@0	4.463	4.648
5MHz_15kHz_701.5MHz_CP-OFDM 64 QAM_RB25@0	4.466	4.694
5MHz_15kHz_701.5MHz_CP-OFDM 256 QAM_RB25@0	4.464	4.667
5MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.460	4.678
5MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB25@0	4.466	4.684
5MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.466	4.703
5MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.466	4.68
5MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.480	4.71
5MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB25@0	4.464	4.69
5MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB25@0	4.463	4.674
5MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB25@0	4.467	4.685
5MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB25@0	4.465	4.652
5MHz_15kHz_713.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.450	4.681
5MHz_15kHz_713.5MHz_DFT-s-OFDM QPSK_RB25@0	4.464	4.661
5MHz_15kHz_713.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.465	4.672
5MHz_15kHz_713.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.449	4.675
5MHz_15kHz_713.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.480	4.705
5MHz_15kHz_713.5MHz_CP-OFDM QPSK_RB25@0	4.463	4.682
5MHz_15kHz_713.5MHz_CP-OFDM 16 QAM_RB25@0	4.463	4.665
5MHz_15kHz_713.5MHz_CP-OFDM 64 QAM_RB25@0	4.466	4.689
5MHz_15kHz_713.5MHz_CP-OFDM 256 QAM_RB25@0	4.464	4.669
10MHz_15kHz_704MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.166	9.152
10MHz_15kHz_704MHz_DFT-s-OFDM QPSK_RB50@0	9.170	9.146
10MHz_15kHz_704MHz_DFT-s-OFDM 16 QAM_RB50@0	9.202	9.16
10MHz_15kHz_704MHz_DFT-s-OFDM 64 QAM_RB50@0	9.177	9.13
10MHz_15kHz_704MHz_DFT-s-OFDM 256 QAM_RB50@0	9.179	9.144
10MHz_15kHz_704MHz_CP-OFDM QPSK_RB52@0	9.280	9.571
10MHz_15kHz_704MHz_CP-OFDM 16 QAM_RB52@0	9.282	9.541
10MHz_15kHz_704MHz_CP-OFDM 64 QAM_RB52@0	9.281	9.512
10MHz_15kHz_704MHz_CP-OFDM 256 QAM_RB52@0	9.259	9.526
10MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.178	9.174
10MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB50@0	9.172	9.177

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB50@0	9.176	9.182
10MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB50@0	9.218	9.181
10MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB50@0	9.212	9.155
10MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB52@0	9.281	9.562
10MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB52@0	9.258	9.513
10MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB52@0	9.281	9.535
10MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB52@0	9.284	9.539
10MHz_15kHz_711MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.202	9.163
10MHz_15kHz_711MHz_DFT-s-OFDM QPSK_RB50@0	9.201	9.155
10MHz_15kHz_711MHz_DFT-s-OFDM 16 QAM_RB50@0	9.213	9.159
10MHz_15kHz_711MHz_DFT-s-OFDM 64 QAM_RB50@0	9.209	9.169
10MHz_15kHz_711MHz_DFT-s-OFDM 256 QAM_RB50@0	9.216	9.163
10MHz_15kHz_711MHz_CP-OFDM QPSK_RB52@0	9.282	9.546
10MHz_15kHz_711MHz_CP-OFDM 16 QAM_RB52@0	9.281	9.536
10MHz_15kHz_711MHz_CP-OFDM 64 QAM_RB52@0	9.284	9.551
10MHz_15kHz_711MHz_CP-OFDM 256 QAM_RB52@0	9.260	9.504
15MHz_15kHz_706.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.933	13.687
15MHz_15kHz_706.5MHz_DFT-s-OFDM QPSK_RB75@0	13.950	13.686
15MHz_15kHz_706.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.937	13.691
15MHz_15kHz_706.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.980	13.714
15MHz_15kHz_706.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.938	13.715
15MHz_15kHz_706.5MHz_CP-OFDM QPSK_RB79@0	14.068	14.455
15MHz_15kHz_706.5MHz_CP-OFDM 16 QAM_RB79@0	14.103	14.452
15MHz_15kHz_706.5MHz_CP-OFDM 64 QAM_RB79@0	14.104	14.46
15MHz_15kHz_706.5MHz_CP-OFDM 256 QAM_RB79@0	14.103	14.437
15MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.939	13.669
15MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB75@0	13.990	13.721
15MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.943	13.724
15MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.986	13.719
15MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.935	13.707
15MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB79@0	14.103	14.44
15MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB79@0	14.103	14.422
15MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB79@0	14.066	14.407
15MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB79@0	14.103	14.452
15MHz_15kHz_708.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	14.002	13.69
15MHz_15kHz_708.5MHz_DFT-s-OFDM QPSK_RB75@0	13.996	13.711
15MHz_15kHz_708.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.981	13.728
15MHz_15kHz_708.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.994	13.722
15MHz_15kHz_708.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.941	13.723
15MHz_15kHz_708.5MHz_CP-OFDM QPSK_RB79@0	14.104	14.389
15MHz_15kHz_708.5MHz_CP-OFDM 16 QAM_RB79@0	14.069	14.402

Mode	99% OBW (MHz)	EBW (MHz)
15MHz_15kHz_708.5MHz_CP-OFDM 64 QAM_RB79@0	14.106	14.434
15MHz_15kHz_708.5MHz_CP-OFDM 256 QAM_RB79@0	14.105	14.41

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Mode	99% OBW (MHz)	EBW (MHz)
10MHz_30kHz_2575MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.564	8.957
10MHz_30kHz_2575MHz_DFT-s-OFDM QPSK_RB24@0	8.563	8.981
10MHz_30kHz_2575MHz_DFT-s-OFDM 16 QAM_RB24@0	8.577	8.946
10MHz_30kHz_2575MHz_DFT-s-OFDM 64 QAM_RB24@0	8.565	8.915
10MHz_30kHz_2575MHz_DFT-s-OFDM 256 QAM_RB24@0	8.565	8.984
10MHz_30kHz_2575MHz_CP-OFDM QPSK_RB24@0	8.569	8.974
10MHz_30kHz_2575MHz_CP-OFDM 16 QAM_RB24@0	8.576	9.051
10MHz_30kHz_2575MHz_CP-OFDM 64 QAM_RB24@0	8.576	9.003
10MHz_30kHz_2575MHz_CP-OFDM 256 QAM_RB24@0	8.567	8.938
10MHz_30kHz_2595MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.577	8.977
10MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB24@0	8.565	8.924
10MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB24@0	8.576	8.928
10MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB24@0	8.568	8.982
10MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB24@0	8.568	8.957
10MHz_30kHz_2595MHz_CP-OFDM QPSK_RB24@0	8.570	8.952
10MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB24@0	8.574	8.98
10MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB24@0	8.568	8.913
10MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB24@0	8.569	8.913
10MHz_30kHz_2615MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.561	8.933
10MHz_30kHz_2615MHz_DFT-s-OFDM QPSK_RB24@0	8.563	8.984
10MHz_30kHz_2615MHz_DFT-s-OFDM 16 QAM_RB24@0	8.576	8.967
10MHz_30kHz_2615MHz_DFT-s-OFDM 64 QAM_RB24@0	8.565	8.919
10MHz_30kHz_2615MHz_DFT-s-OFDM 256 QAM_RB24@0	8.565	8.978
10MHz_30kHz_2615MHz_CP-OFDM QPSK_RB24@0	8.569	8.958
10MHz_30kHz_2615MHz_CP-OFDM 16 QAM_RB24@0	8.576	9.018
10MHz_30kHz_2615MHz_CP-OFDM 64 QAM_RB24@0	8.573	8.992
10MHz_30kHz_2615MHz_CP-OFDM 256 QAM_RB24@0	8.571	8.981
15MHz_30kHz_2577.5MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.505	13.289
15MHz_30kHz_2577.5MHz_DFT-s-OFDM QPSK_RB36@0	13.453	13.283
15MHz_30kHz_2577.5MHz_DFT-s-OFDM 64 QAM_RB36@0	13.456	13.308
15MHz_30kHz_2577.5MHz_DFT-s-OFDM 256 QAM_RB36@0	13.443	13.257
15MHz_30kHz_2577.5MHz_CP-OFDM QPSK_RB38@0	13.568	14.031
15MHz_30kHz_2577.5MHz_CP-OFDM 16 QAM_RB38@0	13.567	13.968
15MHz_30kHz_2577.5MHz_CP-OFDM 64 QAM_RB38@0	13.576	14.067
15MHz_30kHz_2577.5MHz_CP-OFDM 256 QAM_RB38@0	13.573	13.958
15MHz_30kHz_2595MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.462	13.31

Mode	99% OBW (MHz)	EBW (MHz)
15MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB36@0	13.452	13.367
15MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB36@0	13.454	13.262
15MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB36@0	13.442	13.312
15MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB36@0	13.443	13.286
15MHz_30kHz_2595MHz_CP-OFDM QPSK_RB38@0	13.568	14.023
15MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB38@0	13.564	14.009
15MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB38@0	13.573	14.061
15MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB38@0	13.574	14.062
15MHz_30kHz_2612.5MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.462	13.28
15MHz_30kHz_2612.5MHz_DFT-s-OFDM QPSK_RB36@0	13.443	13.258
15MHz_30kHz_2612.5MHz_DFT-s-OFDM 16 QAM_RB36@0	13.465	13.301
15MHz_30kHz_2612.5MHz_DFT-s-OFDM 64 QAM_RB36@0	13.451	13.259
15MHz_30kHz_2612.5MHz_DFT-s-OFDM 256 QAM_RB36@0	13.441	13.298
15MHz_30kHz_2612.5MHz_CP-OFDM QPSK_RB38@0	13.567	14.012
15MHz_30kHz_2612.5MHz_CP-OFDM 16 QAM_RB38@0	13.565	14.075
15MHz_30kHz_2612.5MHz_CP-OFDM 64 QAM_RB38@0	13.576	14.152
15MHz_30kHz_2612.5MHz_CP-OFDM 256 QAM_RB38@0	13.566	14.045
20MHz_30kHz_2580MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	18.087	18.351
20MHz_30kHz_2580MHz_DFT-s-OFDM QPSK_RB50@0	17.964	18.276
20MHz_30kHz_2580MHz_DFT-s-OFDM 16 QAM_RB50@0	18.057	18.334
20MHz_30kHz_2580MHz_DFT-s-OFDM 64 QAM_RB50@0	18.084	18.365
20MHz_30kHz_2580MHz_DFT-s-OFDM 256 QAM_RB50@0	18.020	18.366
20MHz_30kHz_2580MHz_CP-OFDM QPSK_RB51@0	18.200	18.768
20MHz_30kHz_2580MHz_CP-OFDM 16 QAM_RB51@0	18.201	18.683
20MHz_30kHz_2580MHz_CP-OFDM 64 QAM_RB51@0	18.206	18.837
20MHz_30kHz_2580MHz_CP-OFDM 256 QAM_RB51@0	18.176	18.707
20MHz_30kHz_2595MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	18.001	18.346
20MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB50@0	17.935	18.277
20MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB50@0	18.053	18.298
20MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB50@0	18.052	18.321
20MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB50@0	18.009	18.327
20MHz_30kHz_2595MHz_CP-OFDM QPSK_RB51@0	18.201	18.772
20MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB51@0	18.201	18.662
20MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB51@0	18.206	18.755
20MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB51@0	18.210	18.688
20MHz_30kHz_2610MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	17.980	18.345
20MHz_30kHz_2610MHz_DFT-s-OFDM QPSK_RB50@0	17.932	18.269
20MHz_30kHz_2610MHz_DFT-s-OFDM 16 QAM_RB50@0	18.017	18.332
20MHz_30kHz_2610MHz_DFT-s-OFDM 64 QAM_RB50@0	18.018	18.288
20MHz_30kHz_2610MHz_DFT-s-OFDM 256 QAM_RB50@0	18.005	18.282
20MHz_30kHz_2610MHz_CP-OFDM QPSK_RB51@0	18.204	18.811

Mode	99% OBW (MHz)	EBW (MHz)
20MHz_30kHz_2610MHz_CP-OFDM 16 QAM_RB51@0	18.179	18.684
20MHz_30kHz_2610MHz_CP-OFDM 64 QAM_RB51@0	18.208	18.752
20MHz_30kHz_2610MHz_CP-OFDM 256 QAM_RB51@0	18.176	18.728
15MHz_30kHz_2577.5MHz_DFT-s-OFDM 16 QAM_RB36@0	13.453	13.249

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Mode	99% OBW (MHz)	EBW (MHz)
10MHz_30kHz_2501.01MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.571	8.955
10MHz_30kHz_2501.01MHz_DFT-s-OFDM QPSK_RB24@0	8.562	8.925
10MHz_30kHz_2501.01MHz_DFT-s-OFDM 16 QAM_RB24@0	8.575	8.975
10MHz_30kHz_2501.01MHz_DFT-s-OFDM 64 QAM_RB24@0	8.565	8.962
10MHz_30kHz_2501.01MHz_DFT-s-OFDM 256 QAM_RB24@0	8.566	8.912
10MHz_30kHz_2501.01MHz_CP-OFDM QPSK_RB24@0	8.568	8.996
10MHz_30kHz_2501.01MHz_CP-OFDM 16 QAM_RB24@0	8.574	8.946
10MHz_30kHz_2501.01MHz_CP-OFDM 64 QAM_RB24@0	8.572	8.939
10MHz_30kHz_2501.01MHz_CP-OFDM 256 QAM_RB24@0	8.571	8.986
10MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.565	8.968
10MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB24@0	8.562	8.919
10MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB24@0	8.568	8.953
10MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB24@0	8.566	8.909
10MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB24@0	8.568	8.914
10MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB24@0	8.568	8.961
10MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB24@0	8.571	8.948
10MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB24@0	8.577	9.013
10MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB24@0	8.568	8.94
10MHz_30kHz_2685MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.573	8.93
10MHz_30kHz_2685MHz_DFT-s-OFDM QPSK_RB24@0	8.540	8.92
10MHz_30kHz_2685MHz_DFT-s-OFDM 16 QAM_RB24@0	8.576	8.942
10MHz_30kHz_2685MHz_DFT-s-OFDM 64 QAM_RB24@0	8.568	8.993
10MHz_30kHz_2685MHz_DFT-s-OFDM 256 QAM_RB24@0	8.568	8.956
10MHz_30kHz_2685MHz_CP-OFDM QPSK_RB24@0	8.568	8.975
10MHz_30kHz_2685MHz_CP-OFDM 16 QAM_RB24@0	8.579	9.059
10MHz_30kHz_2685MHz_CP-OFDM 64 QAM_RB24@0	8.569	8.942
10MHz_30kHz_2685MHz_CP-OFDM 256 QAM_RB24@0	8.568	8.946
15MHz_30kHz_2503.5MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.463	13.305
15MHz_30kHz_2503.5MHz_DFT-s-OFDM QPSK_RB36@0	13.409	13.259
15MHz_30kHz_2503.5MHz_DFT-s-OFDM 16 QAM_RB36@0	13.409	13.283
15MHz_30kHz_2503.5MHz_DFT-s-OFDM 64 QAM_RB36@0	13.447	13.291
15MHz_30kHz_2503.5MHz_DFT-s-OFDM 256 QAM_RB36@0	13.442	13.306
15MHz_30kHz_2503.5MHz_CP-OFDM QPSK_RB38@0	13.565	14.002

Mode	99% OBW (MHz)	EBW (MHz)
15MHz_30kHz_2503.5MHz_CP-OFDM 16 QAM_RB38@0	13.563	13.97
15MHz_30kHz_2503.5MHz_CP-OFDM 64 QAM_RB38@0	13.573	14.1
15MHz_30kHz_2503.5MHz_CP-OFDM 256 QAM_RB38@0	13.566	13.996
15MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.465	13.367
15MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB36@0	13.443	13.251
15MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB36@0	13.466	13.291
15MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB36@0	13.441	13.237
15MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB36@0	13.444	13.316
15MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB38@0	13.566	14.043
15MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB38@0	13.565	14.085
15MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB38@0	13.574	14.057
15MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB38@0	13.564	13.986
15MHz_30kHz_2682.48MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.463	13.325
15MHz_30kHz_2682.48MHz_DFT-s-OFDM QPSK_RB36@0	13.455	13.399
15MHz_30kHz_2682.48MHz_DFT-s-OFDM 16 QAM_RB36@0	13.448	13.259
15MHz_30kHz_2682.48MHz_DFT-s-OFDM 64 QAM_RB36@0	13.407	13.309
15MHz_30kHz_2682.48MHz_DFT-s-OFDM 256 QAM_RB36@0	13.410	13.281
15MHz_30kHz_2682.48MHz_CP-OFDM QPSK_RB38@0	13.567	14.02
15MHz_30kHz_2682.48MHz_CP-OFDM 16 QAM_RB38@0	13.564	14.032
15MHz_30kHz_2682.48MHz_CP-OFDM 64 QAM_RB38@0	13.574	14.119
15MHz_30kHz_2682.48MHz_CP-OFDM 256 QAM_RB38@0	13.566	14.019
20MHz_30kHz_2506.02MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	17.974	18.312
20MHz_30kHz_2506.02MHz_DFT-s-OFDM QPSK_RB50@0	18.008	18.325
20MHz_30kHz_2506.02MHz_DFT-s-OFDM 16 QAM_RB50@0	18.048	18.278
20MHz_30kHz_2506.02MHz_DFT-s-OFDM 64 QAM_RB50@0	18.009	18.269
20MHz_30kHz_2506.02MHz_DFT-s-OFDM 256 QAM_RB50@0	18.008	18.301
20MHz_30kHz_2506.02MHz_CP-OFDM QPSK_RB51@0	18.177	18.693
20MHz_30kHz_2506.02MHz_CP-OFDM 16 QAM_RB51@0	18.174	18.741
20MHz_30kHz_2506.02MHz_CP-OFDM 64 QAM_RB51@0	18.178	18.696
20MHz_30kHz_2506.02MHz_CP-OFDM 256 QAM_RB51@0	18.173	18.651
20MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	17.980	18.333
20MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB50@0	17.932	18.241
20MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB50@0	18.050	18.301
20MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB50@0	18.015	18.284
20MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB50@0	18.009	18.286
20MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB51@0	18.205	18.736
20MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB51@0	18.173	18.695
20MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB51@0	18.201	18.655

Mode	99% OBW (MHz)	EBW (MHz)
20MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB51@0	18.207	18.714
20MHz_30kHz_2679.99MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	18.002	18.346
20MHz_30kHz_2679.99MHz_DFT-s-OFDM QPSK_RB50@0	18.018	18.329
20MHz_30kHz_2679.99MHz_DFT-s-OFDM 16 QAM_RB50@0	18.050	18.321
20MHz_30kHz_2679.99MHz_DFT-s-OFDM 64 QAM_RB50@0	18.019	18.299
20MHz_30kHz_2679.99MHz_DFT-s-OFDM 256 QAM_RB50@0	17.975	18.355
20MHz_30kHz_2679.99MHz_CP-OFDM QPSK_RB51@0	18.206	18.804
20MHz_30kHz_2679.99MHz_CP-OFDM 16 QAM_RB51@0	18.201	18.693
20MHz_30kHz_2679.99MHz_CP-OFDM 64 QAM_RB51@0	18.206	18.685
20MHz_30kHz_2679.99MHz_CP-OFDM 256 QAM_RB51@0	18.178	18.732
40MHz_30kHz_2516.01MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	37.454	36.477
40MHz_30kHz_2516.01MHz_DFT-s-OFDM QPSK_RB100@0	37.360	36.405
40MHz_30kHz_2516.01MHz_DFT-s-OFDM 16 QAM_RB100@0	37.351	36.416
40MHz_30kHz_2516.01MHz_DFT-s-OFDM 64 QAM_RB100@0	37.349	36.387
40MHz_30kHz_2516.01MHz_DFT-s-OFDM 256 QAM_RB100@0	37.392	36.39
40MHz_30kHz_2516.01MHz_CP-OFDM QPSK_RB106@0	37.774	38.63
40MHz_30kHz_2516.01MHz_CP-OFDM 16 QAM_RB106@0	37.783	38.498
40MHz_30kHz_2516.01MHz_CP-OFDM 64 QAM_RB106@0	37.785	38.514
40MHz_30kHz_2516.01MHz_CP-OFDM 256 QAM_RB106@0	37.785	38.594
40MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	37.358	36.344
40MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB100@0	37.348	36.392
40MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB100@0	37.356	36.33
40MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB100@0	37.352	36.421
40MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB100@0	37.394	36.464
40MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB106@0	37.816	38.601
40MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB106@0	37.816	38.515
40MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB106@0	37.778	38.553
40MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB106@0	37.818	38.641
40MHz_30kHz_2670MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	37.462	36.472
40MHz_30kHz_2670MHz_DFT-s-OFDM QPSK_RB100@0	37.454	36.523
40MHz_30kHz_2670MHz_DFT-s-OFDM 16 QAM_RB100@0	37.555	36.489
40MHz_30kHz_2670MHz_DFT-s-OFDM 64 QAM_RB100@0	37.498	36.378
40MHz_30kHz_2670MHz_DFT-s-OFDM 256 QAM_RB100@0	37.509	36.338
40MHz_30kHz_2670MHz_CP-OFDM QPSK_RB106@0	37.825	38.653
40MHz_30kHz_2670MHz_CP-OFDM 16 QAM_RB106@0	37.835	38.572
40MHz_30kHz_2670MHz_CP-OFDM 64 QAM_RB106@0	37.826	38.617
40MHz_30kHz_2670MHz_CP-OFDM 256 QAM_RB106@0	37.833	38.581

Mode	99% OBW (MHz)	EBW (MHz)
50MHz_30kHz_2521.02MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	46.865	46.427
50MHz_30kHz_2521.02MHz_DFT-s-OFDM QPSK_RB128@0	46.806	46.449
50MHz_30kHz_2521.02MHz_DFT-s-OFDM 16 QAM_RB128@0	46.958	46.445
50MHz_30kHz_2521.02MHz_DFT-s-OFDM 64 QAM_RB128@0	46.868	46.421
50MHz_30kHz_2521.02MHz_DFT-s-OFDM 256 QAM_RB128@0	46.924	46.385
50MHz_30kHz_2521.02MHz_CP-OFDM QPSK_RB133@0	47.407	48.397
50MHz_30kHz_2521.02MHz_CP-OFDM 16 QAM_RB133@0	47.406	48.283
50MHz_30kHz_2521.02MHz_CP-OFDM 64 QAM_RB133@0	47.414	48.32
50MHz_30kHz_2521.02MHz_CP-OFDM 256 QAM_RB133@0	47.368	48.36
50MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	46.921	46.448
50MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB128@0	46.863	46.401
50MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB128@0	47.016	46.424
50MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB128@0	47.014	46.438
50MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB128@0	46.904	46.428
50MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB133@0	47.421	48.272
50MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB133@0	47.421	48.233
50MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB133@0	47.418	48.342
50MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB133@0	47.412	48.369
50MHz_30kHz_2664.99MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	47.111	46.556
50MHz_30kHz_2664.99MHz_DFT-s-OFDM QPSK_RB128@0	47.070	46.406
50MHz_30kHz_2664.99MHz_DFT-s-OFDM 16 QAM_RB128@0	47.221	46.503
50MHz_30kHz_2664.99MHz_DFT-s-OFDM 64 QAM_RB128@0	47.209	46.471
50MHz_30kHz_2664.99MHz_DFT-s-OFDM 256 QAM_RB128@0	47.071	46.481
50MHz_30kHz_2664.99MHz_CP-OFDM QPSK_RB133@0	47.464	48.258
50MHz_30kHz_2664.99MHz_CP-OFDM 16 QAM_RB133@0	47.469	48.314
50MHz_30kHz_2664.99MHz_CP-OFDM 64 QAM_RB133@0	47.464	48.323
50MHz_30kHz_2664.99MHz_CP-OFDM 256 QAM_RB133@0	47.422	48.316
60MHz_30kHz_2526MHz_DFT-s-OFDM PI/2 BPSK_RB162@0	57.661	58.68
60MHz_30kHz_2526MHz_DFT-s-OFDM QPSK_RB162@0	57.739	58.694
60MHz_30kHz_2526MHz_DFT-s-OFDM 16 QAM_RB162@0	57.678	58.701
60MHz_30kHz_2526MHz_DFT-s-OFDM 64 QAM_RB162@0	57.782	58.657
60MHz_30kHz_2526MHz_DFT-s-OFDM 256 QAM_RB162@0	57.740	58.723
60MHz_30kHz_2526MHz_CP-OFDM QPSK_RB162@0	57.688	58.669
60MHz_30kHz_2526MHz_CP-OFDM 16 QAM_RB162@0	57.688	58.61
60MHz_30kHz_2526MHz_CP-OFDM 64 QAM_RB162@0	57.687	58.616
60MHz_30kHz_2526MHz_CP-OFDM 256 QAM_RB162@0	57.678	58.739

Mode	99% OBW (MHz)	EBW (MHz)
60MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB162@0	57.726	58.691
60MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB162@0	57.794	58.716
60MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB162@0	57.792	58.616
60MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB162@0	57.737	58.729
60MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB162@0	57.799	58.724
60MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB162@0	57.749	58.656
60MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB162@0	57.734	58.674
60MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB162@0	57.746	58.605
60MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB162@0	57.742	58.682
60MHz_30kHz_2659.98MHz_DFT-s-OFDM PI/2 BPSK_RB162@0	57.789	58.661
60MHz_30kHz_2659.98MHz_DFT-s-OFDM QPSK_RB162@0	57.791	58.69
60MHz_30kHz_2659.98MHz_DFT-s-OFDM 16 QAM_RB162@0	57.786	58.728
60MHz_30kHz_2659.98MHz_DFT-s-OFDM 64 QAM_RB162@0	57.841	58.665
60MHz_30kHz_2659.98MHz_DFT-s-OFDM 256 QAM_RB162@0	57.841	58.72
60MHz_30kHz_2659.98MHz_CP-OFDM QPSK_RB162@0	57.787	58.635
60MHz_30kHz_2659.98MHz_CP-OFDM 16 QAM_RB162@0	57.784	58.632
60MHz_30kHz_2659.98MHz_CP-OFDM 64 QAM_RB162@0	57.841	58.706
60MHz_30kHz_2659.98MHz_CP-OFDM 256 QAM_RB162@0	57.745	58.725
80MHz_30kHz_2536.02MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	76.869	78.084
80MHz_30kHz_2536.02MHz_DFT-s-OFDM QPSK_RB216@0	76.857	78.17
80MHz_30kHz_2536.02MHz_DFT-s-OFDM 16 QAM_RB216@0	76.877	78.104
80MHz_30kHz_2536.02MHz_DFT-s-OFDM 64 QAM_RB216@0	76.922	78.129
80MHz_30kHz_2536.02MHz_DFT-s-OFDM 256 QAM_RB216@0	76.932	78.118
80MHz_30kHz_2536.02MHz_CP-OFDM QPSK_RB217@0	77.336	78.53
80MHz_30kHz_2536.02MHz_CP-OFDM 16 QAM_RB217@0	77.334	78.567
80MHz_30kHz_2536.02MHz_CP-OFDM 64 QAM_RB217@0	77.251	78.453
80MHz_30kHz_2536.02MHz_CP-OFDM 256 QAM_RB217@0	77.300	78.504
80MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	77.034	78.151
80MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB216@0	76.969	78.141
80MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB216@0	76.963	78.112
80MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB216@0	76.979	78.056
80MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB216@0	76.983	78.167
80MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB217@0	77.399	78.562
80MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB217@0	77.399	78.529
80MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB217@0	77.306	78.418

Mode	99% OBW (MHz)	EBW (MHz)
80MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB217@0	77.395	78.52
80MHz_30kHz_2649.99MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	76.928	78.134
80MHz_30kHz_2649.99MHz_DFT-s-OFDM QPSK_RB216@0	76.925	78.147
80MHz_30kHz_2649.99MHz_DFT-s-OFDM 16 QAM_RB216@0	76.967	78.131
80MHz_30kHz_2649.99MHz_DFT-s-OFDM 64 QAM_RB216@0	76.986	78.066
80MHz_30kHz_2649.99MHz_DFT-s-OFDM 256 QAM_RB216@0	77.023	78.107
80MHz_30kHz_2649.99MHz_CP-OFDM QPSK_RB217@0	77.337	78.476
80MHz_30kHz_2649.99MHz_CP-OFDM 16 QAM_RB217@0	77.345	78.501
80MHz_30kHz_2649.99MHz_CP-OFDM 64 QAM_RB217@0	77.295	78.523
80MHz_30kHz_2649.99MHz_CP-OFDM 256 QAM_RB217@0	77.350	78.528
90MHz_30kHz_2541MHz_DFT-s-OFDM PI/2 BPSK_RB243@0	86.418	87.794
90MHz_30kHz_2541MHz_DFT-s-OFDM QPSK_RB243@0	86.462	87.803
90MHz_30kHz_2541MHz_DFT-s-OFDM 16 QAM_RB243@0	86.428	87.821
90MHz_30kHz_2541MHz_DFT-s-OFDM 64 QAM_RB243@0	86.409	87.868
90MHz_30kHz_2541MHz_DFT-s-OFDM 256 QAM_RB243@0	86.470	87.866
90MHz_30kHz_2541MHz_CP-OFDM QPSK_RB245@0	87.265	88.559
90MHz_30kHz_2541MHz_CP-OFDM 16 QAM_RB245@0	87.303	88.594
90MHz_30kHz_2541MHz_CP-OFDM 64 QAM_RB245@0	87.309	88.613
90MHz_30kHz_2541MHz_CP-OFDM 256 QAM_RB245@0	87.199	88.552
90MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB243@0	86.474	87.798
90MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB243@0	86.483	87.806
90MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB243@0	86.540	87.839
90MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB243@0	86.525	87.788
90MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB243@0	86.523	87.903
90MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB245@0	87.323	88.611
90MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB245@0	87.372	88.511
90MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB245@0	87.374	88.662
90MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB245@0	87.269	88.494
90MHz_30kHz_2644.98MHz_DFT-s-OFDM PI/2 BPSK_RB243@0	86.473	87.801
90MHz_30kHz_2644.98MHz_DFT-s-OFDM QPSK_RB243@0	86.428	87.824
90MHz_30kHz_2644.98MHz_DFT-s-OFDM 16 QAM_RB243@0	86.487	87.815
90MHz_30kHz_2644.98MHz_DFT-s-OFDM 64 QAM_RB243@0	86.536	87.722
90MHz_30kHz_2644.98MHz_DFT-s-OFDM 256 QAM_RB243@0	86.536	87.9
90MHz_30kHz_2644.98MHz_CP-OFDM QPSK_RB245@0	87.264	88.513
90MHz_30kHz_2644.98MHz_CP-OFDM 16 QAM_RB245@0	87.301	88.482
90MHz_30kHz_2644.98MHz_CP-OFDM 64 QAM_RB245@0	87.315	88.54
90MHz_30kHz_2644.98MHz_CP-OFDM 256 QAM_RB245@0	87.262	88.549

Mode	99% OBW (MHz)	EBW (MHz)
100MHz_30kHz_2546.01MHz_DFT-s-OFDM PI/2 BPSK_RB270@0	96.019	97.515
100MHz_30kHz_2546.01MHz_DFT-s-OFDM QPSK_RB270@0	96.028	97.628
100MHz_30kHz_2546.01MHz_DFT-s-OFDM 16 QAM_RB270@0	96.062	97.627
100MHz_30kHz_2546.01MHz_DFT-s-OFDM 64 QAM_RB270@0	95.964	97.532
100MHz_30kHz_2546.01MHz_DFT-s-OFDM 256 QAM_RB270@0	95.965	97.508
100MHz_30kHz_2546.01MHz_CP-OFDM QPSK_RB273@0	97.266	98.668
100MHz_30kHz_2546.01MHz_CP-OFDM 16 QAM_RB273@0	97.271	98.702
100MHz_30kHz_2546.01MHz_CP-OFDM 64 QAM_RB273@0	97.226	98.649
100MHz_30kHz_2546.01MHz_CP-OFDM 256 QAM_RB273@0	97.219	98.683
100MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB270@0	96.022	97.478
100MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB270@0	96.010	97.602
100MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB270@0	96.012	97.544
100MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB270@0	96.001	97.506
100MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB270@0	96.017	97.569
100MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB273@0	97.278	98.677
100MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB273@0	97.322	98.672
100MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB273@0	97.319	98.648
100MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB273@0	97.268	98.708
100MHz_30kHz_2640MHz_DFT-s-OFDM PI/2 BPSK_RB270@0	96.115	97.553
100MHz_30kHz_2640MHz_DFT-s-OFDM QPSK_RB270@0	96.019	97.571
100MHz_30kHz_2640MHz_DFT-s-OFDM 16 QAM_RB270@0	96.081	97.537
100MHz_30kHz_2640MHz_DFT-s-OFDM 64 QAM_RB270@0	96.007	97.446
100MHz_30kHz_2640MHz_DFT-s-OFDM 256 QAM_RB270@0	96.014	97.431
100MHz_30kHz_2640MHz_CP-OFDM QPSK_RB273@0	97.209	98.691
100MHz_30kHz_2640MHz_CP-OFDM 16 QAM_RB273@0	97.222	98.73
100MHz_30kHz_2640MHz_CP-OFDM 64 QAM_RB273@0	97.213	98.735
100MHz_30kHz_2640MHz_CP-OFDM 256 QAM_RB273@0	97.149	98.597

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Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_1712.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.469	4.666
5MHz_15kHz_1712.5MHz_DFT-s-OFDM QPSK_RB25@0	4.464	4.684
5MHz_15kHz_1712.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.467	4.667
5MHz_15kHz_1712.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.465	4.673
5MHz_15kHz_1712.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.464	4.688
5MHz_15kHz_1712.5MHz_CP-OFDM QPSK_RB25@0	4.463	4.663
5MHz_15kHz_1712.5MHz_CP-OFDM 16 QAM_RB25@0	4.464	4.707

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_1712.5MHz_CP-OFDM 64 QAM_RB25@0	4.463	4.672
5MHz_15kHz_1712.5MHz_CP-OFDM 256 QAM_RB25@0	4.465	4.665
5MHz_15kHz_1745MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.465	4.674
5MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB25@0	4.464	4.686
5MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB25@0	4.467	4.674
5MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB25@0	4.465	4.676
5MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB25@0	4.465	4.687
5MHz_15kHz_1745MHz_CP-OFDM QPSK_RB25@0	4.463	4.667
5MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB25@0	4.463	4.652
5MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB25@0	4.466	4.716
5MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB25@0	4.466	4.664
5MHz_15kHz_1777.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.470	4.664
5MHz_15kHz_1777.5MHz_DFT-s-OFDM QPSK_RB25@0	4.468	4.683
5MHz_15kHz_1777.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.463	4.697
5MHz_15kHz_1777.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.463	4.66
5MHz_15kHz_1777.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.465	4.687
5MHz_15kHz_1777.5MHz_CP-OFDM QPSK_RB25@0	4.464	4.642
5MHz_15kHz_1777.5MHz_CP-OFDM 16 QAM_RB25@0	4.465	4.698
5MHz_15kHz_1777.5MHz_CP-OFDM 64 QAM_RB25@0	4.463	4.645
5MHz_15kHz_1777.5MHz_CP-OFDM 256 QAM_RB25@0	4.465	4.682
10MHz_15kHz_1715MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.175	9.176
10MHz_15kHz_1715MHz_DFT-s-OFDM QPSK_RB50@0	9.201	9.169
10MHz_15kHz_1715MHz_DFT-s-OFDM 16 QAM_RB50@0	9.207	9.155
10MHz_15kHz_1715MHz_DFT-s-OFDM 64 QAM_RB50@0	9.217	9.188
10MHz_15kHz_1715MHz_DFT-s-OFDM 256 QAM_RB50@0	9.177	9.189
10MHz_15kHz_1715MHz_CP-OFDM QPSK_RB52@0	9.283	9.56
10MHz_15kHz_1715MHz_CP-OFDM 16 QAM_RB52@0	9.260	9.56
10MHz_15kHz_1715MHz_CP-OFDM 64 QAM_RB52@0	9.284	9.513
10MHz_15kHz_1715MHz_CP-OFDM 256 QAM_RB52@0	9.288	9.56
10MHz_15kHz_1745MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.201	9.177
10MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB50@0	9.207	9.158
10MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB50@0	9.209	9.183
10MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB50@0	9.212	9.161
10MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB50@0	9.208	9.168
10MHz_15kHz_1745MHz_CP-OFDM QPSK_RB52@0	9.285	9.552
10MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB52@0	9.287	9.544
10MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB52@0	9.286	9.547
10MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB52@0	9.289	9.579
10MHz_15kHz_1775MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.242	9.196
10MHz_15kHz_1775MHz_DFT-s-OFDM QPSK_RB50@0	9.220	9.172
10MHz_15kHz_1775MHz_DFT-s-OFDM 16 QAM_RB50@0	9.242	9.162

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_15kHz_1775MHz_DFT-s-OFDM 64 QAM_RB50@0	9.217	9.166
10MHz_15kHz_1775MHz_DFT-s-OFDM 256 QAM_RB50@0	9.209	9.156
10MHz_15kHz_1775MHz_CP-OFDM QPSK_RB52@0	9.284	9.551
10MHz_15kHz_1775MHz_CP-OFDM 16 QAM_RB52@0	9.283	9.517
10MHz_15kHz_1775MHz_CP-OFDM 64 QAM_RB52@0	9.285	9.566
10MHz_15kHz_1775MHz_CP-OFDM 256 QAM_RB52@0	9.289	9.555
15MHz_15kHz_1717.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.984	13.713
15MHz_15kHz_1717.5MHz_DFT-s-OFDM QPSK_RB75@0	13.943	13.712
15MHz_15kHz_1717.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.989	13.699
15MHz_15kHz_1717.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.926	13.687
15MHz_15kHz_1717.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.933	13.682
15MHz_15kHz_1717.5MHz_CP-OFDM QPSK_RB79@0	14.104	14.459
15MHz_15kHz_1717.5MHz_CP-OFDM 16 QAM_RB79@0	14.069	14.445
15MHz_15kHz_1717.5MHz_CP-OFDM 64 QAM_RB79@0	14.101	14.413
15MHz_15kHz_1717.5MHz_CP-OFDM 256 QAM_RB79@0	14.106	14.461
15MHz_15kHz_1745MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.997	13.707
15MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB75@0	13.982	13.734
15MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB75@0	13.999	13.72
15MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB75@0	13.934	13.688
15MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB75@0	13.944	13.687
15MHz_15kHz_1745MHz_CP-OFDM QPSK_RB79@0	14.107	14.44
15MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB79@0	14.107	14.455
15MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB79@0	14.103	14.431
15MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB79@0	14.107	14.429
15MHz_15kHz_1772.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	14.041	13.697
15MHz_15kHz_1772.5MHz_DFT-s-OFDM QPSK_RB75@0	14.002	13.723
15MHz_15kHz_1772.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.983	13.677
15MHz_15kHz_1772.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.991	13.702
15MHz_15kHz_1772.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.992	13.723
15MHz_15kHz_1772.5MHz_CP-OFDM QPSK_RB79@0	14.106	14.456
15MHz_15kHz_1772.5MHz_CP-OFDM 16 QAM_RB79@0	14.107	14.438
15MHz_15kHz_1772.5MHz_CP-OFDM 64 QAM_RB79@0	14.102	14.42
15MHz_15kHz_1772.5MHz_CP-OFDM 256 QAM_RB79@0	14.109	14.428
20MHz_15kHz_1720MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.696	18.219
20MHz_15kHz_1720MHz_DFT-s-OFDM QPSK_RB100@0	18.700	18.204
20MHz_15kHz_1720MHz_DFT-s-OFDM 16 QAM_RB100@0	18.659	18.194
20MHz_15kHz_1720MHz_DFT-s-OFDM 64 QAM_RB100@0	18.692	18.242
20MHz_15kHz_1720MHz_DFT-s-OFDM 256 QAM_RB100@0	18.691	18.251
20MHz_15kHz_1720MHz_CP-OFDM QPSK_RB106@0	18.894	19.313
20MHz_15kHz_1720MHz_CP-OFDM 16 QAM_RB106@0	18.891	19.33

Mode	99% OBW (MHz)	EBW (MHz)
20MHz_15kHz_1720MHz_CP-OFDM 64 QAM_RB106@0	18.899	19.288
20MHz_15kHz_1720MHz_CP-OFDM 256 QAM_RB106@0	18.895	19.306
20MHz_15kHz_1745MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.773	18.248
20MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB100@0	18.726	18.192
20MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB100@0	18.735	18.225
20MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB100@0	18.725	18.245
20MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB100@0	18.723	18.235
20MHz_15kHz_1745MHz_CP-OFDM QPSK_RB106@0	18.895	19.32
20MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB106@0	18.893	19.323
20MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB106@0	18.896	19.316
20MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB106@0	18.899	19.326
20MHz_15kHz_1770MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.807	18.217
20MHz_15kHz_1770MHz_DFT-s-OFDM QPSK_RB100@0	18.761	18.209
20MHz_15kHz_1770MHz_DFT-s-OFDM 16 QAM_RB100@0	18.771	18.243
20MHz_15kHz_1770MHz_DFT-s-OFDM 64 QAM_RB100@0	18.761	18.216
20MHz_15kHz_1770MHz_DFT-s-OFDM 256 QAM_RB100@0	18.764	18.224
20MHz_15kHz_1770MHz_CP-OFDM QPSK_RB106@0	18.897	19.343
20MHz_15kHz_1770MHz_CP-OFDM 16 QAM_RB106@0	18.894	19.297
20MHz_15kHz_1770MHz_CP-OFDM 64 QAM_RB106@0	18.922	19.291
20MHz_15kHz_1770MHz_CP-OFDM 256 QAM_RB106@0	18.922	19.308
25MHz_15kHz_1722.5MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	23.423	23.243
25MHz_15kHz_1722.5MHz_DFT-s-OFDM QPSK_RB128@0	23.424	23.262
25MHz_15kHz_1722.5MHz_DFT-s-OFDM 16 QAM_RB128@0	23.470	23.235
25MHz_15kHz_1722.5MHz_DFT-s-OFDM 64 QAM_RB128@0	23.456	23.233
25MHz_15kHz_1722.5MHz_DFT-s-OFDM 256 QAM_RB128@0	23.469	23.222
25MHz_15kHz_1722.5MHz_CP-OFDM QPSK_RB133@0	23.709	24.129
25MHz_15kHz_1722.5MHz_CP-OFDM 16 QAM_RB133@0	23.711	24.156
25MHz_15kHz_1722.5MHz_CP-OFDM 64 QAM_RB133@0	23.705	24.157
25MHz_15kHz_1722.5MHz_CP-OFDM 256 QAM_RB133@0	23.708	24.166
25MHz_15kHz_1745MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	23.471	23.226
25MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB128@0	23.471	23.226
25MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB128@0	23.553	23.271
25MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB128@0	23.550	23.236
25MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB128@0	23.466	23.246
25MHz_15kHz_1745MHz_CP-OFDM QPSK_RB133@0	23.713	24.155
25MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB133@0	23.714	24.141
25MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB133@0	23.714	24.169
25MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB133@0	23.702	24.147
25MHz_15kHz_1767.5MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	23.520	23.236
25MHz_15kHz_1767.5MHz_DFT-s-OFDM QPSK_RB128@0	23.524	23.255

Mode	99% OBW (MHz)	EBW (MHz)
25MHz_15kHz_1767.5MHz_DFT-s-OFDM 16 QAM_RB128@0	23.571	23.257
25MHz_15kHz_1767.5MHz_DFT-s-OFDM 64 QAM_RB128@0	23.572	23.193
25MHz_15kHz_1767.5MHz_DFT-s-OFDM 256 QAM_RB128@0	23.513	23.233
25MHz_15kHz_1767.5MHz_CP-OFDM QPSK_RB133@0	23.713	24.118
25MHz_15kHz_1767.5MHz_CP-OFDM 16 QAM_RB133@0	23.714	24.149
25MHz_15kHz_1767.5MHz_CP-OFDM 64 QAM_RB133@0	23.709	24.18
25MHz_15kHz_1767.5MHz_CP-OFDM 256 QAM_RB133@0	23.675	24.2
30MHz_15kHz_1725MHz_DFT-s-OFDM PI/2 BPSK_RB160@0	28.509	29.025
30MHz_15kHz_1725MHz_DFT-s-OFDM QPSK_RB160@0	28.515	29
30MHz_15kHz_1725MHz_DFT-s-OFDM 16 QAM_RB160@0	28.526	29.012
30MHz_15kHz_1725MHz_DFT-s-OFDM 64 QAM_RB160@0	28.504	28.999
30MHz_15kHz_1725MHz_DFT-s-OFDM 256 QAM_RB160@0	28.510	28.975
30MHz_15kHz_1725MHz_CP-OFDM QPSK_RB160@0	28.516	29.079
30MHz_15kHz_1725MHz_CP-OFDM 16 QAM_RB160@0	28.515	29.097
30MHz_15kHz_1725MHz_CP-OFDM 64 QAM_RB160@0	28.524	29.105
30MHz_15kHz_1725MHz_CP-OFDM 256 QAM_RB160@0	28.519	29.082
30MHz_15kHz_1745MHz_DFT-s-OFDM PI/2 BPSK_RB160@0	28.507	29.012
30MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB160@0	28.519	29.013
30MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB160@0	28.517	29.006
30MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB160@0	28.507	29.03
30MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB160@0	28.512	28.983
30MHz_15kHz_1745MHz_CP-OFDM QPSK_RB160@0	28.513	29.035
30MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB160@0	28.524	29.084
30MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB160@0	28.526	29.104
30MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB160@0	28.519	29.077
30MHz_15kHz_1765MHz_DFT-s-OFDM PI/2 BPSK_RB160@0	28.509	29.02
30MHz_15kHz_1765MHz_DFT-s-OFDM QPSK_RB160@0	28.520	29.035
30MHz_15kHz_1765MHz_DFT-s-OFDM 16 QAM_RB160@0	28.522	29.007
30MHz_15kHz_1765MHz_DFT-s-OFDM 64 QAM_RB160@0	28.525	29.034
30MHz_15kHz_1765MHz_DFT-s-OFDM 256 QAM_RB160@0	28.514	28.977
30MHz_15kHz_1765MHz_CP-OFDM QPSK_RB160@0	28.520	29.048
30MHz_15kHz_1765MHz_CP-OFDM 16 QAM_RB160@0	28.520	29.051
30MHz_15kHz_1765MHz_CP-OFDM 64 QAM_RB160@0	28.527	29.061
30MHz_15kHz_1765MHz_CP-OFDM 256 QAM_RB160@0	28.521	29.069
40MHz_15kHz_1730MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	38.473	39.144
40MHz_15kHz_1730MHz_DFT-s-OFDM QPSK_RB216@0	38.467	39.139
40MHz_15kHz_1730MHz_DFT-s-OFDM 16 QAM_RB216@0	38.516	39.166
40MHz_15kHz_1730MHz_DFT-s-OFDM 64 QAM_RB216@0	38.507	39.054
40MHz_15kHz_1730MHz_DFT-s-OFDM 256 QAM_RB216@0	38.472	39.097
40MHz_15kHz_1730MHz_CP-OFDM QPSK_RB216@0	38.508	39.159
40MHz_15kHz_1730MHz_CP-OFDM 16 QAM_RB216@0	38.512	39.142

Mode	99% OBW (MHz)	EBW (MHz)
40MHz_15kHz_1730MHz_CP-OFDM 64 QAM_RB216@0	38.466	39.081
40MHz_15kHz_1730MHz_CP-OFDM 256 QAM_RB216@0	38.513	39.138
40MHz_15kHz_1745MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	38.471	39.11
40MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB216@0	38.466	39.1
40MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB216@0	38.472	39.103
40MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB216@0	38.465	39.1
40MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB216@0	38.477	39.117
40MHz_15kHz_1745MHz_CP-OFDM QPSK_RB216@0	38.477	39.201
40MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB216@0	38.511	39.153
40MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB216@0	38.472	39.139
40MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB216@0	38.508	39.121
40MHz_15kHz_1760MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	38.524	39.126
40MHz_15kHz_1760MHz_DFT-s-OFDM QPSK_RB216@0	38.466	39.141
40MHz_15kHz_1760MHz_DFT-s-OFDM 16 QAM_RB216@0	38.474	39.116
40MHz_15kHz_1760MHz_DFT-s-OFDM 64 QAM_RB216@0	38.466	39.128
40MHz_15kHz_1760MHz_DFT-s-OFDM 256 QAM_RB216@0	38.472	39.122
40MHz_15kHz_1760MHz_CP-OFDM QPSK_RB216@0	38.476	39.086
40MHz_15kHz_1760MHz_CP-OFDM 16 QAM_RB216@0	38.468	39.144
40MHz_15kHz_1760MHz_CP-OFDM 64 QAM_RB216@0	38.475	39.149
40MHz_15kHz_1760MHz_CP-OFDM 256 QAM_RB216@0	38.508	39.06

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Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_2502.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.463	4.692
5MHz_15kHz_2502.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.461	4.675
5MHz_15kHz_2502.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.467	4.67
5MHz_15kHz_2502.5MHz_DFT-s-OFDM QPSK_RB25@0	4.462	4.69
5MHz_15kHz_2567.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.468	4.674
5MHz_15kHz_2567.5MHz_DFT-s-OFDM QPSK_RB25@0	4.463	4.665
5MHz_15kHz_2502.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.468	4.701
5MHz_15kHz_2502.5MHz_CP-OFDM QPSK_RB25@0	4.464	4.689
5MHz_15kHz_2502.5MHz_CP-OFDM 16 QAM_RB25@0	4.466	4.7
5MHz_15kHz_2502.5MHz_CP-OFDM 64 QAM_RB25@0	4.467	4.678
5MHz_15kHz_2502.5MHz_CP-OFDM 256 QAM_RB25@0	4.465	4.676
5MHz_15kHz_2535MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.463	4.666
5MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB25@0	4.467	4.678
5MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB25@0	4.465	4.694
5MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB25@0	4.461	4.664
5MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB25@0	4.469	4.704
5MHz_15kHz_2535MHz_CP-OFDM QPSK_RB25@0	4.465	4.696
5MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB25@0	4.463	4.659
5MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB25@0	4.467	4.675

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB25@0	4.466	4.698
5MHz_15kHz_2567.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.465	4.692
5MHz_15kHz_2567.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.461	4.667
5MHz_15kHz_2567.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.469	4.687
5MHz_15kHz_2567.5MHz_CP-OFDM QPSK_RB25@0	4.465	4.666
5MHz_15kHz_2567.5MHz_CP-OFDM 16 QAM_RB25@0	4.463	4.641
5MHz_15kHz_2567.5MHz_CP-OFDM 64 QAM_RB25@0	4.464	4.666
5MHz_15kHz_2567.5MHz_CP-OFDM 256 QAM_RB25@0	4.464	4.686
10MHz_15kHz_2505MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.173	9.16
10MHz_15kHz_2505MHz_DFT-s-OFDM QPSK_RB50@0	9.201	9.143
10MHz_15kHz_2505MHz_DFT-s-OFDM 16 QAM_RB50@0	9.207	9.149
10MHz_15kHz_2505MHz_DFT-s-OFDM 64 QAM_RB50@0	9.208	9.187
10MHz_15kHz_2505MHz_DFT-s-OFDM 256 QAM_RB50@0	9.205	9.167
10MHz_15kHz_2505MHz_CP-OFDM QPSK_RB52@0	9.283	9.528
10MHz_15kHz_2505MHz_CP-OFDM 16 QAM_RB52@0	9.260	9.522
10MHz_15kHz_2505MHz_CP-OFDM 64 QAM_RB52@0	9.283	9.528
10MHz_15kHz_2505MHz_CP-OFDM 256 QAM_RB52@0	9.285	9.555
10MHz_15kHz_2535MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.209	9.196
10MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB50@0	9.206	9.176
10MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB50@0	9.214	9.177
10MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB50@0	9.213	9.181
10MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB50@0	9.208	9.181
10MHz_15kHz_2535MHz_CP-OFDM QPSK_RB52@0	9.284	9.535
10MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB52@0	9.281	9.53
10MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB52@0	9.285	9.542
10MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB52@0	9.283	9.523
10MHz_15kHz_2565MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.220	9.189
10MHz_15kHz_2565MHz_DFT-s-OFDM QPSK_RB50@0	9.214	9.141
10MHz_15kHz_2565MHz_DFT-s-OFDM 16 QAM_RB50@0	9.247	9.179
10MHz_15kHz_2565MHz_DFT-s-OFDM 64 QAM_RB50@0	9.242	9.207
10MHz_15kHz_2565MHz_DFT-s-OFDM 256 QAM_RB50@0	9.217	9.19
10MHz_15kHz_2565MHz_CP-OFDM QPSK_RB52@0	9.285	9.563
10MHz_15kHz_2565MHz_CP-OFDM 16 QAM_RB52@0	9.285	9.531
10MHz_15kHz_2565MHz_CP-OFDM 64 QAM_RB52@0	9.287	9.526
10MHz_15kHz_2565MHz_CP-OFDM 256 QAM_RB52@0	9.285	9.539
15MHz_15kHz_2507.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.937	13.703
15MHz_15kHz_2507.5MHz_DFT-s-OFDM QPSK_RB75@0	13.981	13.719
15MHz_15kHz_2507.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.938	13.717
15MHz_15kHz_2507.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.948	13.714
15MHz_15kHz_2507.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.928	13.729
15MHz_15kHz_2507.5MHz_CP-OFDM QPSK_RB79@0	14.104	14.413

Mode	99% OBW (MHz)	EBW (MHz)
15MHz_15kHz_2507.5MHz_CP-OFDM 16 QAM_RB79@0	14.068	14.425
15MHz_15kHz_2507.5MHz_CP-OFDM 64 QAM_RB79@0	14.104	14.463
15MHz_15kHz_2507.5MHz_CP-OFDM 256 QAM_RB79@0	14.105	14.434
15MHz_15kHz_2535MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	14.001	13.75
15MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB75@0	13.994	13.747
15MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB75@0	13.943	13.743
15MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB75@0	13.988	13.725
15MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB75@0	13.938	13.724
15MHz_15kHz_2535MHz_CP-OFDM QPSK_RB79@0	14.107	14.433
15MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB79@0	14.106	14.4
15MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB79@0	14.111	14.44
15MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB79@0	14.107	14.421
15MHz_15kHz_2562.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.996	13.682
15MHz_15kHz_2562.5MHz_DFT-s-OFDM QPSK_RB75@0	14.041	13.722
15MHz_15kHz_2562.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.999	13.707
15MHz_15kHz_2562.5MHz_DFT-s-OFDM 64 QAM_RB75@0	14.008	13.727
15MHz_15kHz_2562.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.985	13.706
15MHz_15kHz_2562.5MHz_CP-OFDM QPSK_RB79@0	14.106	14.429
15MHz_15kHz_2562.5MHz_CP-OFDM 16 QAM_RB79@0	14.108	14.428
15MHz_15kHz_2562.5MHz_CP-OFDM 64 QAM_RB79@0	14.109	14.44
15MHz_15kHz_2562.5MHz_CP-OFDM 256 QAM_RB79@0	14.108	14.445
20MHz_15kHz_2510MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.653	18.233
20MHz_15kHz_2510MHz_DFT-s-OFDM QPSK_RB100@0	18.696	18.208
20MHz_15kHz_2510MHz_DFT-s-OFDM 16 QAM_RB100@0	18.684	18.202
20MHz_15kHz_2510MHz_DFT-s-OFDM 64 QAM_RB100@0	18.760	18.23
20MHz_15kHz_2510MHz_DFT-s-OFDM 256 QAM_RB100@0	18.686	18.178
20MHz_15kHz_2510MHz_CP-OFDM QPSK_RB106@0	18.886	19.305
20MHz_15kHz_2510MHz_CP-OFDM 16 QAM_RB106@0	18.884	19.304
20MHz_15kHz_2510MHz_CP-OFDM 64 QAM_RB106@0	18.893	19.301
20MHz_15kHz_2510MHz_CP-OFDM 256 QAM_RB106@0	18.891	19.291
20MHz_15kHz_2535MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.725	18.204
20MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB100@0	18.728	18.21
20MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB100@0	18.761	18.221
20MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB100@0	18.728	18.223
20MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB100@0	18.699	18.203
20MHz_15kHz_2535MHz_CP-OFDM QPSK_RB106@0	18.897	19.278
20MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB106@0	18.897	19.298
20MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB106@0	18.924	19.31
20MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB106@0	18.900	19.32
20MHz_15kHz_2560MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.732	18.219
20MHz_15kHz_2560MHz_DFT-s-OFDM QPSK_RB100@0	18.684	18.194

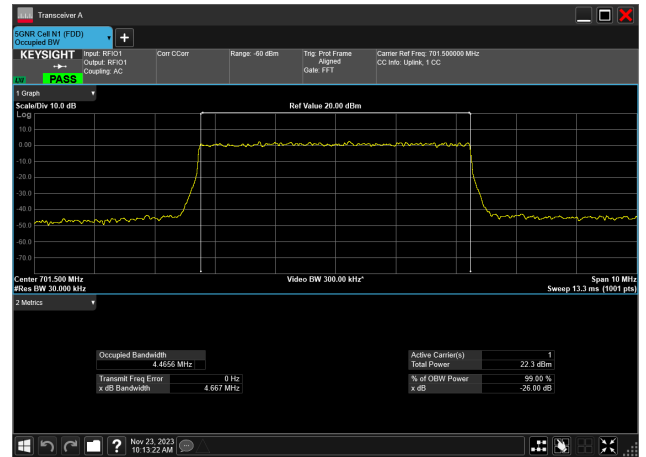
Mode	99% OBW (MHz)	EBW (MHz)
20MHz_15kHz_2560MHz_DFT-s-OFDM 16 QAM_RB100@0	18.801	18.224
20MHz_15kHz_2560MHz_DFT-s-OFDM 64 QAM_RB100@0	18.812	18.194
20MHz_15kHz_2560MHz_DFT-s-OFDM 256 QAM_RB100@0	18.762	18.216
20MHz_15kHz_2560MHz_CP-OFDM QPSK_RB106@0	18.892	19.28
20MHz_15kHz_2560MHz_CP-OFDM 16 QAM_RB106@0	18.891	19.293
20MHz_15kHz_2560MHz_CP-OFDM 64 QAM_RB106@0	18.898	19.296
20MHz_15kHz_2560MHz_CP-OFDM 256 QAM_RB106@0	18.896	19.281

n12

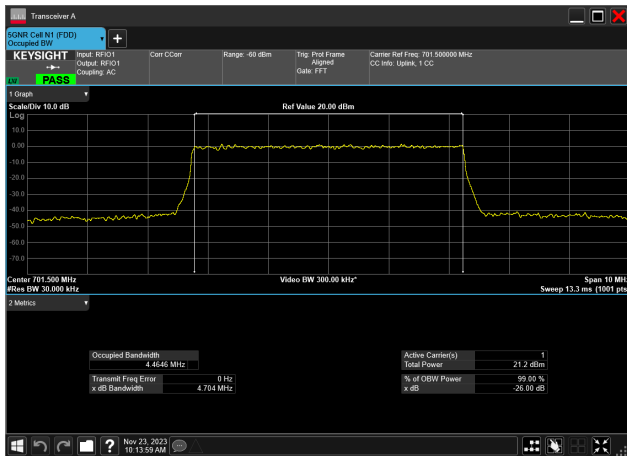
5MHz_15kHz_701.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0
4.466 MHz



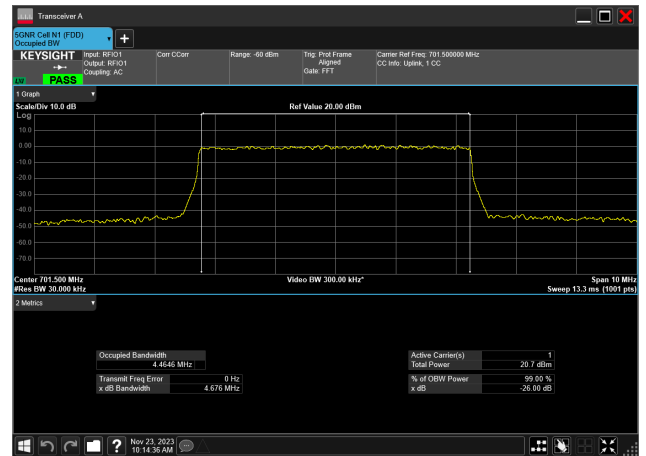
5MHz_15kHz_701.5MHz_DFT-s-OFDM QPSK_RB25@0
4.466 MHz



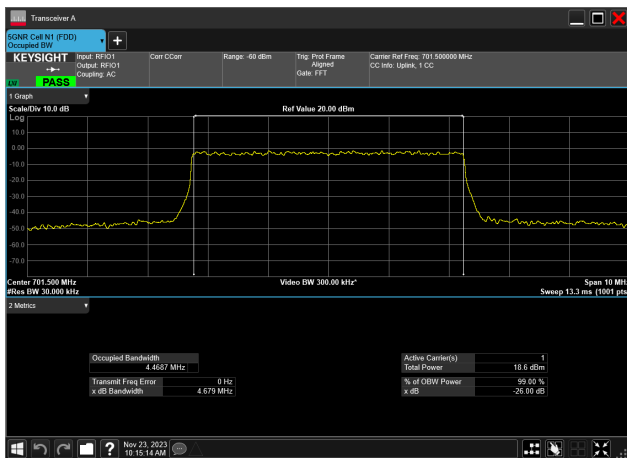
5MHz_15kHz_701.5MHz_DFT-s-OFDM 16 QAM_RB25@0
4.465 MHz



5MHz_15kHz_701.5MHz_DFT-s-OFDM 64 QAM_RB25@0
4.465 MHz



5MHz_15kHz_701.5MHz_DFT-s-OFDM 256 QAM_RB25@0
4.469 MHz



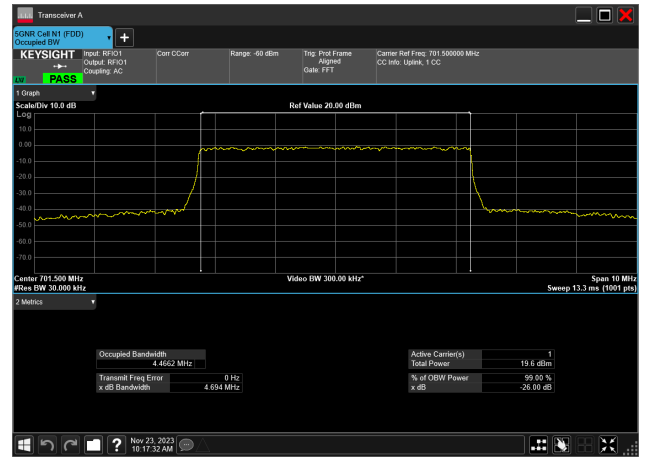
5MHz_15kHz_701.5MHz_CP-OFDM QPSK_RB25@0
4.463 MHz



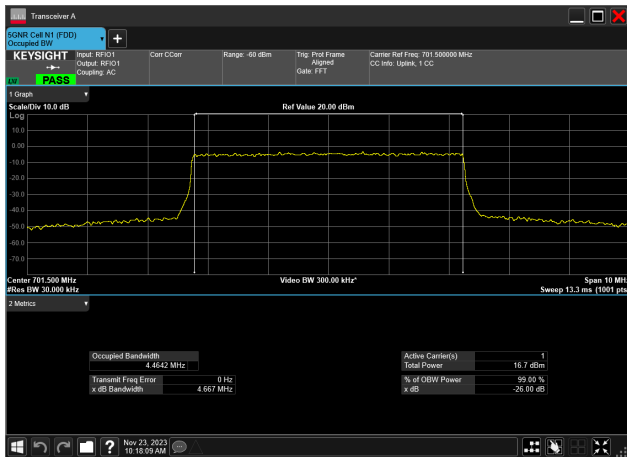
5MHz_15kHz_701.5MHz_CP-OFDM 16 QAM_RB25@0
4.463 MHz



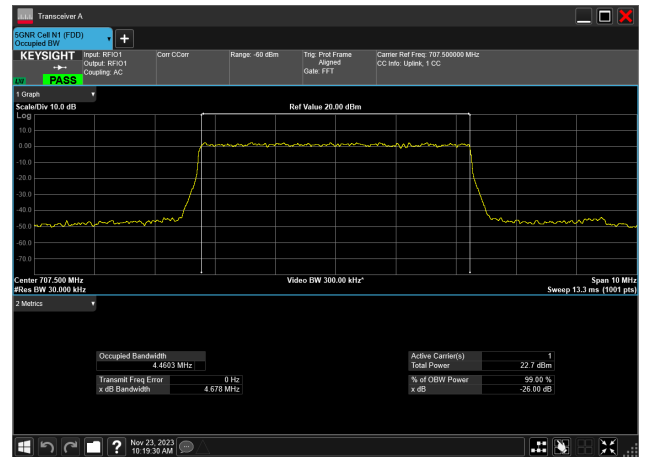
5MHz_15kHz_701.5MHz_CP-OFDM 64 QAM_RB25@0
4.466 MHz



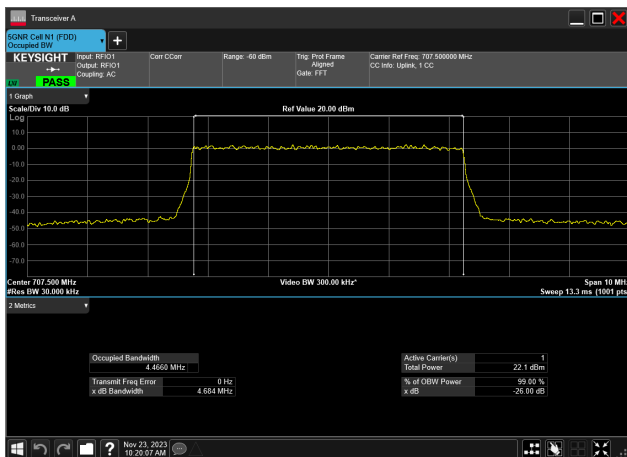
5MHz_15kHz_701.5MHz_CP-OFDM 256 QAM_RB25@0
4.464 MHz



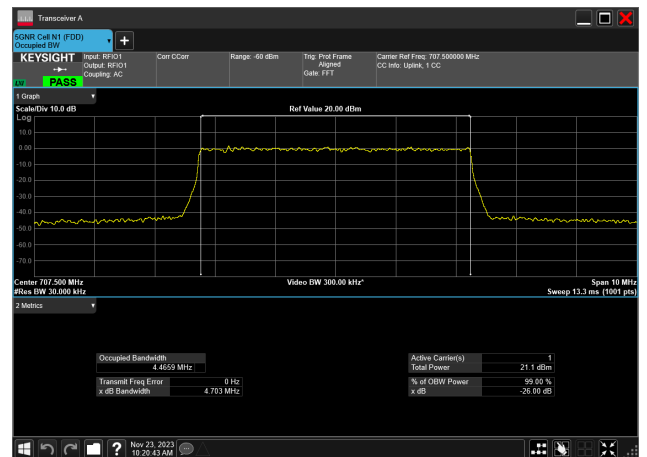
5MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0
4.460 MHz



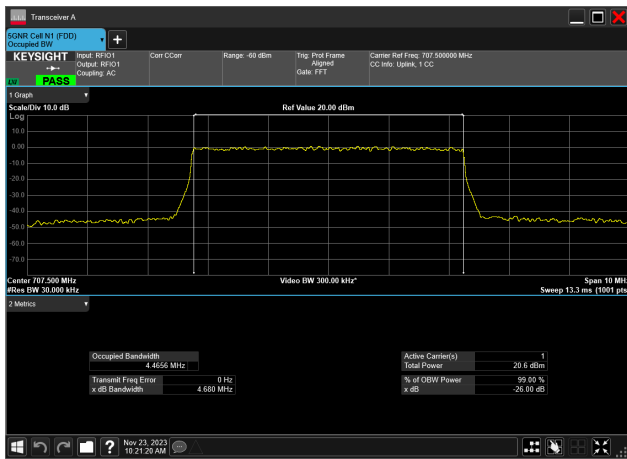
5MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB25@0
4.466 MHz



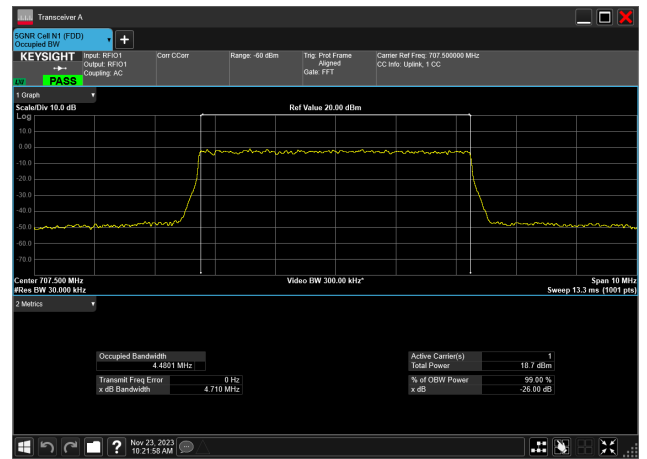
5MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB25@0
4.466 MHz



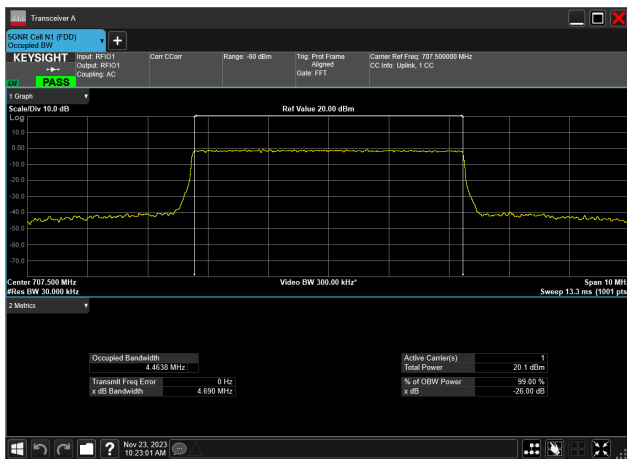
5MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB25@0
4.466 MHz



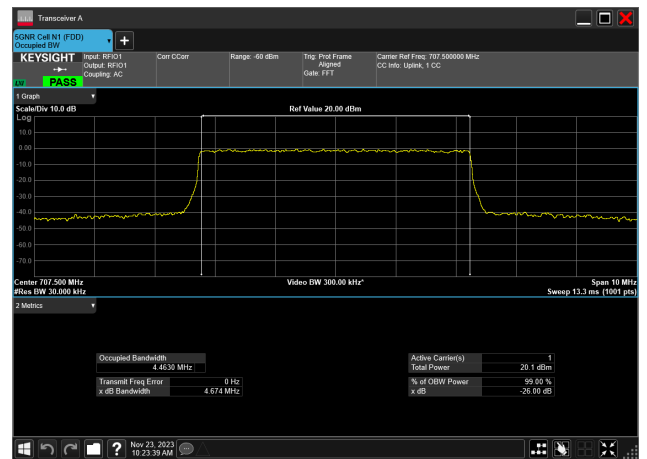
5MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB25@0
4.480 MHz



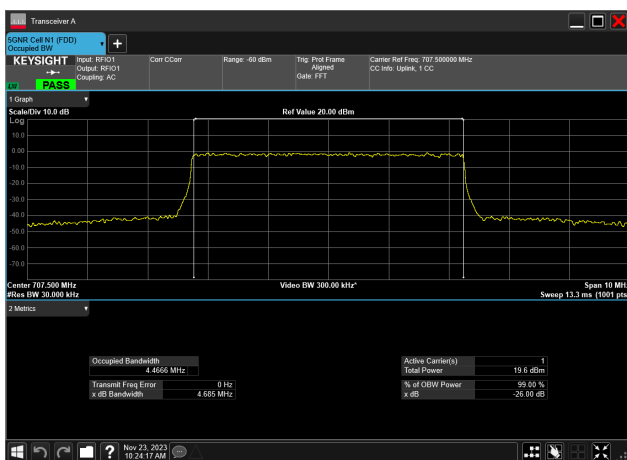
5MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB25@0
4.464 MHz



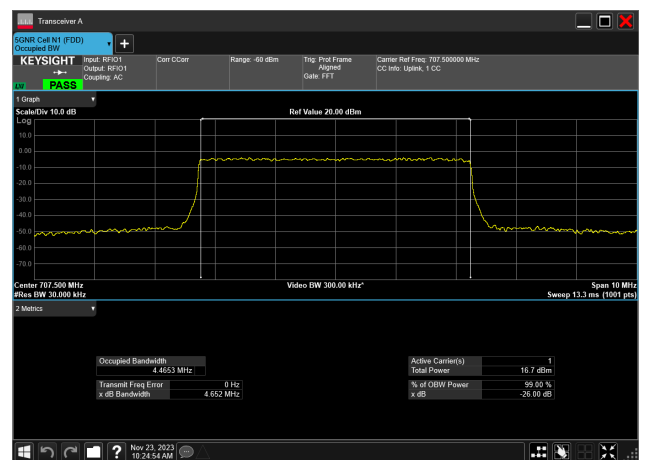
5MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB25@0
4.463 MHz



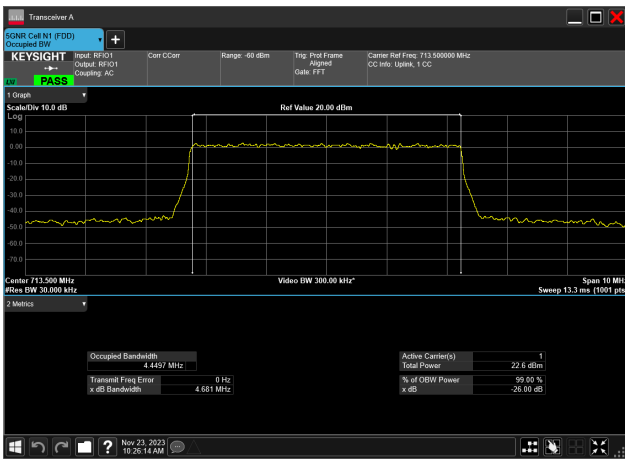
5MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB25@0
4.467 MHz



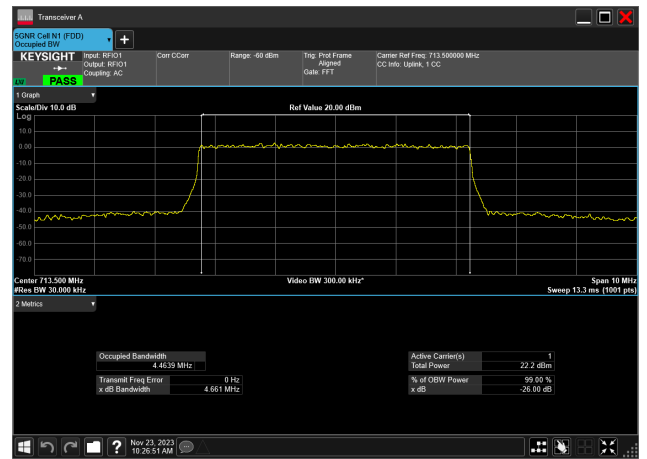
5MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB25@0
4.465 MHz



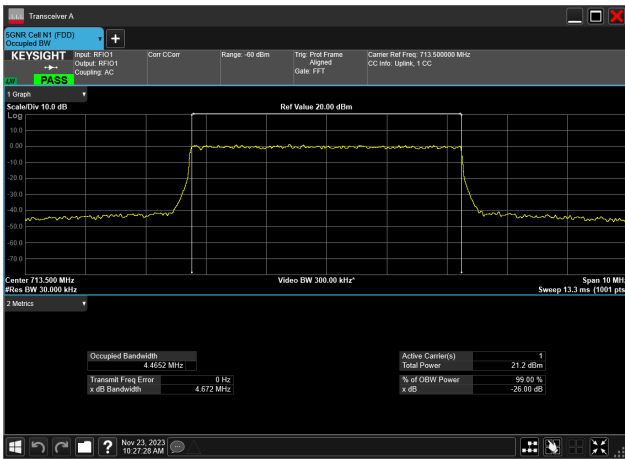
5MHz_15kHz_713.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0
4.450 MHz



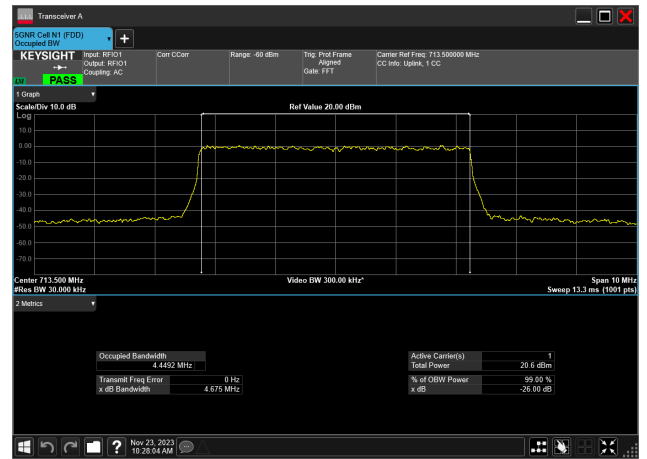
5MHz_15kHz_713.5MHz_DFT-s-OFDM QPSK_RB25@0
4.464 MHz



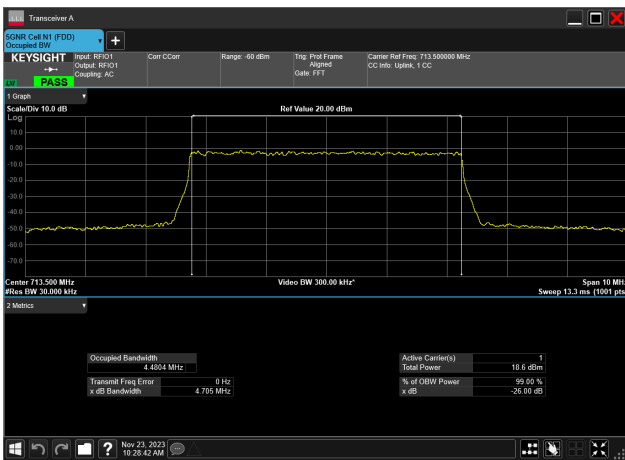
5MHz_15kHz_713.5MHz_DFT-s-OFDM 16 QAM_RB25@0
4.465 MHz



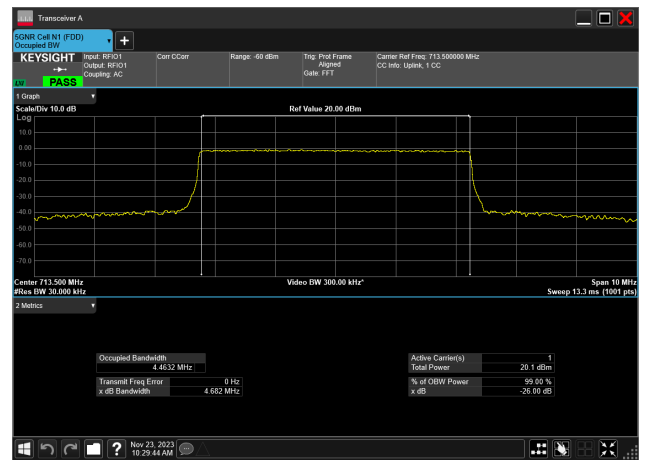
5MHz_15kHz_713.5MHz_DFT-s-OFDM 64 QAM_RB25@0
4.449 MHz



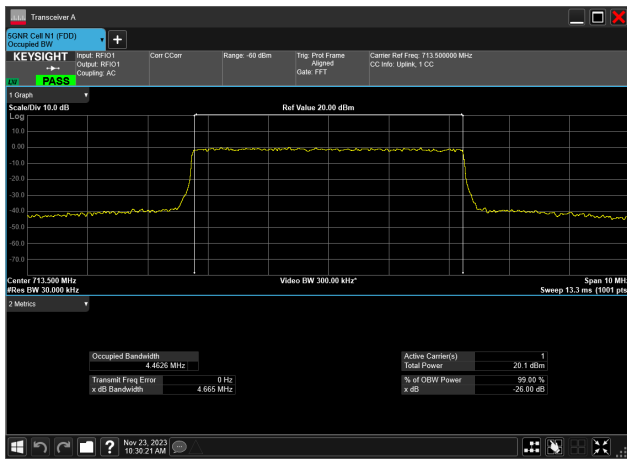
5MHz_15kHz_713.5MHz_DFT-s-OFDM 256 QAM_RB25@0
4.480 MHz



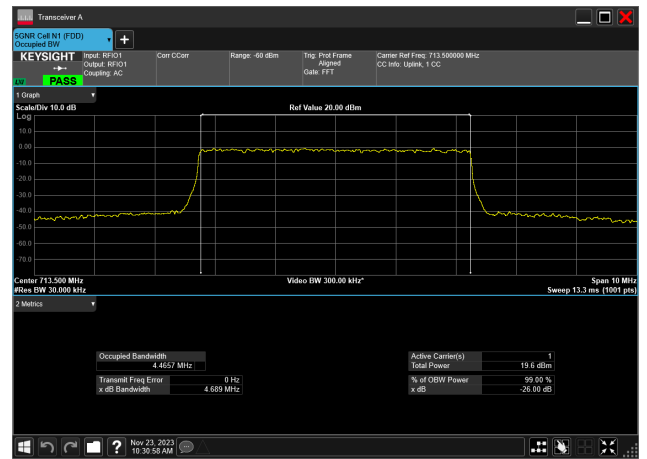
5MHz_15kHz_713.5MHz_CP-OFDM QPSK_RB25@0
4.463 MHz



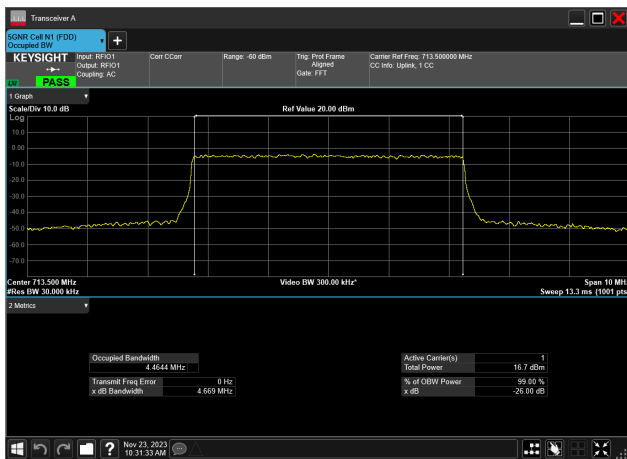
5MHz_15kHz_713.5MHz_CP-OFDM 16 QAM_RB25@0
4.463 MHz



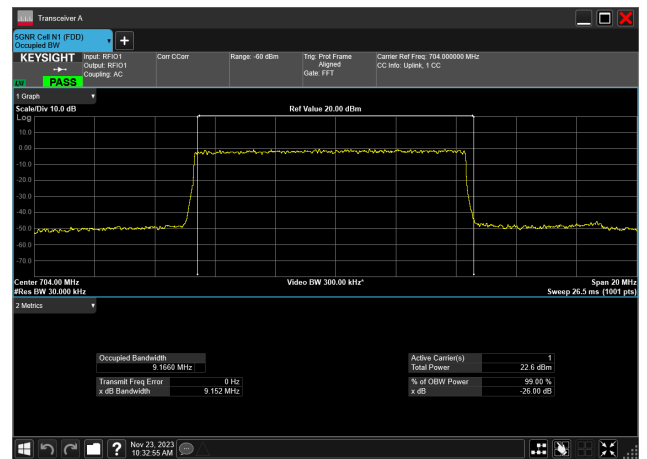
5MHz_15kHz_713.5MHz_CP-OFDM 64 QAM_RB25@0
4.466 MHz



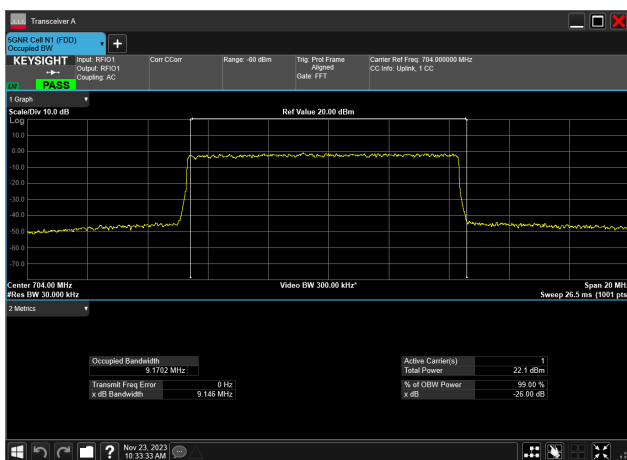
5MHz_15kHz_713.5MHz_CP-OFDM 256 QAM_RB25@0
4.464 MHz



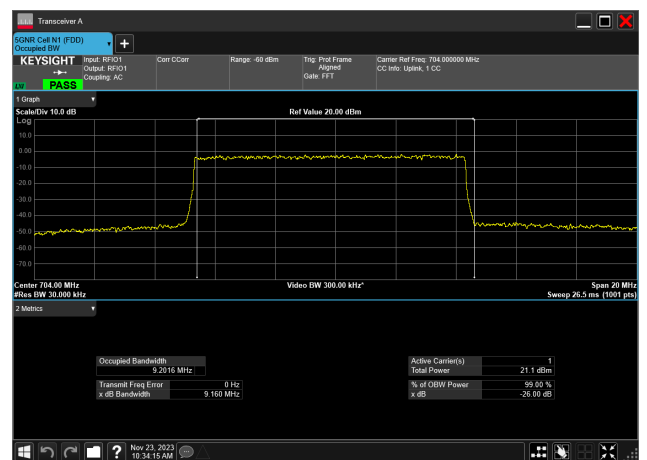
10MHz_15kHz_704MHz_DFT-s-OFDM PI/2 BPSK_RB50@0
9.166 MHz



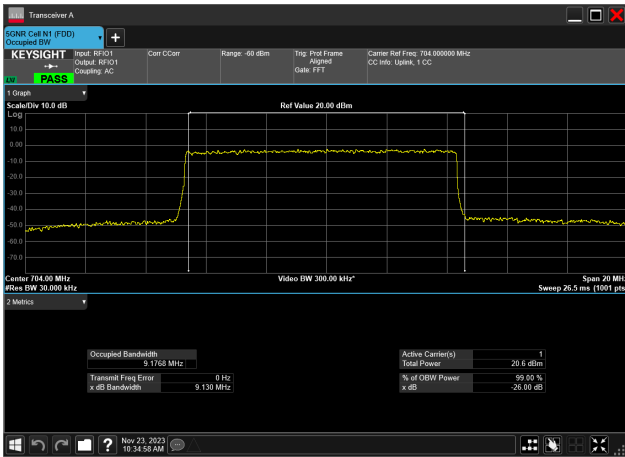
10MHz_15kHz_704MHz_DFT-s-OFDM QPSK_RB50@0
9.170 MHz



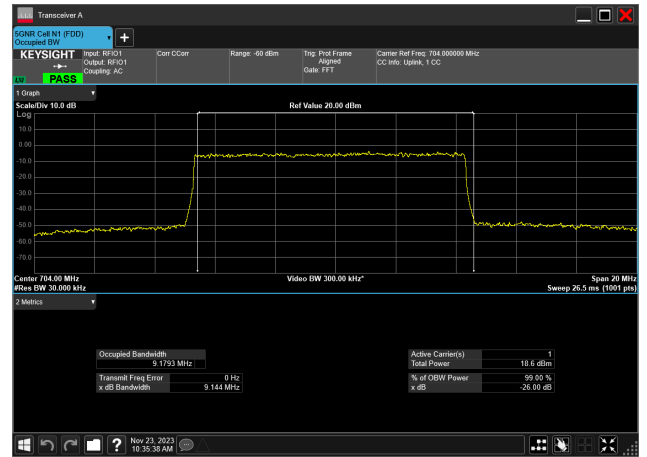
10MHz_15kHz_704MHz_DFT-s-OFDM 16 QAM_RB50@0
9.202 MHz



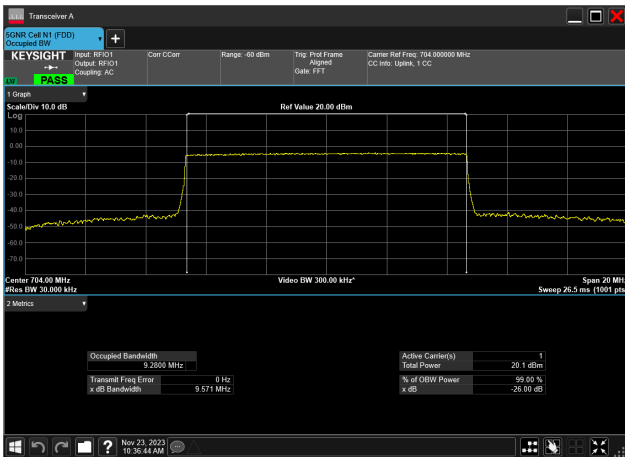
10MHz_15kHz_704MHz_DFT-s-OFDM 64 QAM_RB50@0
9.177 MHz



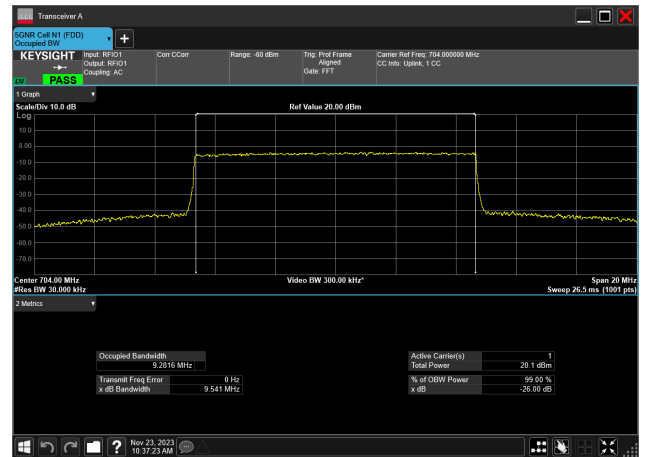
10MHz_15kHz_704MHz_DFT-s-OFDM 256 QAM_RB50@0
9.179 MHz



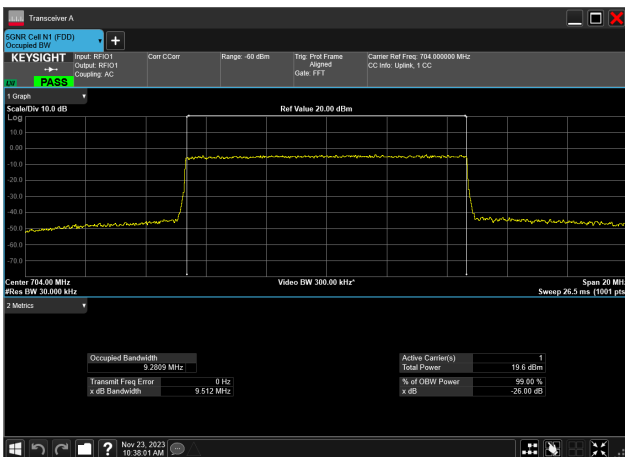
10MHz_15kHz_704MHz_CP-OFDM QPSK_RB52@0
9.280 MHz



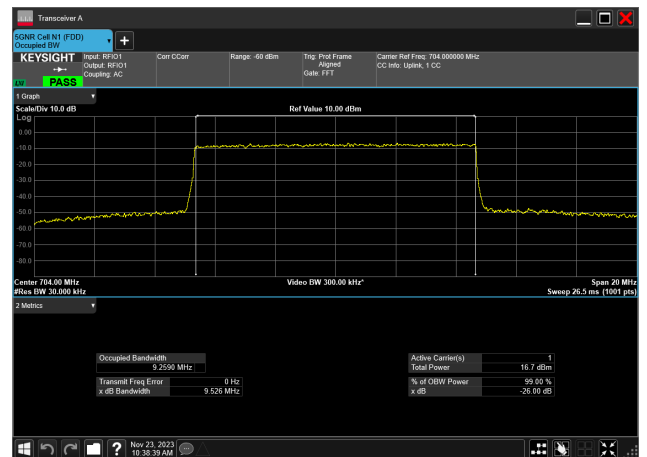
10MHz_15kHz_704MHz_CP-OFDM 16 QAM_RB52@0
9.282 MHz



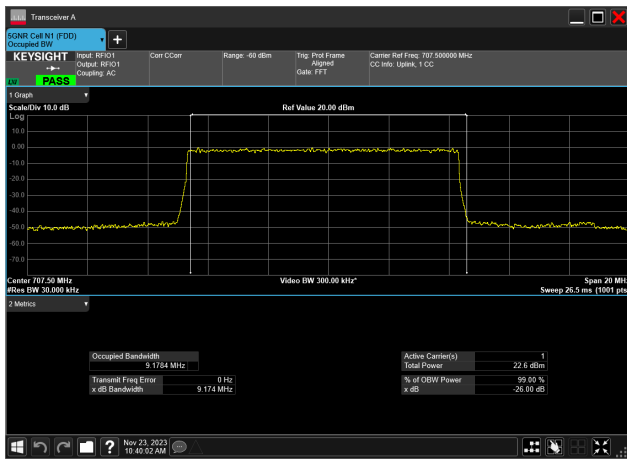
10MHz_15kHz_704MHz_CP-OFDM 64 QAM_RB52@0
9.281 MHz



10MHz_15kHz_704MHz_CP-OFDM 256 QAM_RB52@0
9.259 MHz



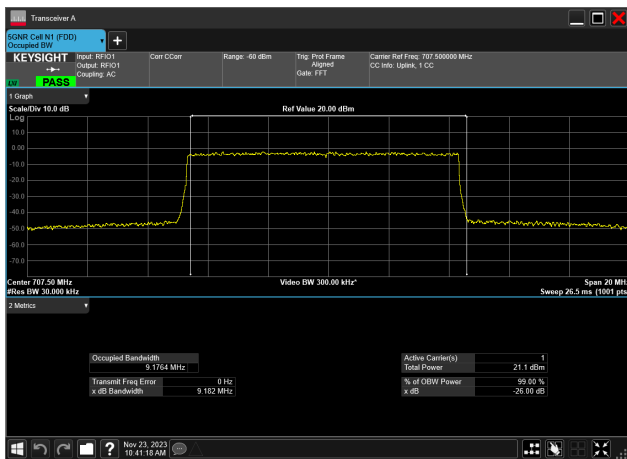
10MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB50@0
9.178 MHz



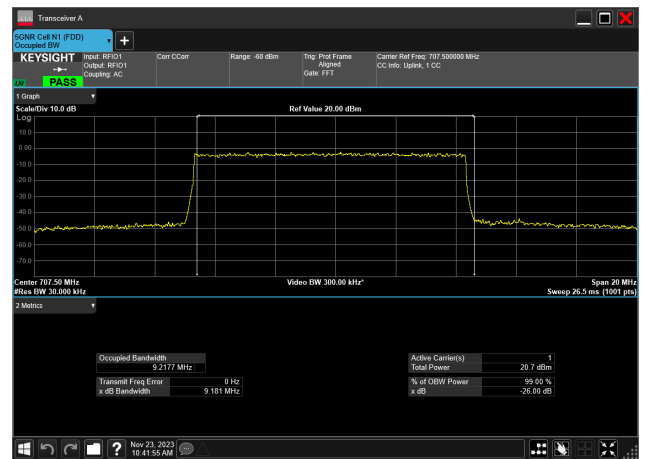
10MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB50@0
9.172 MHz



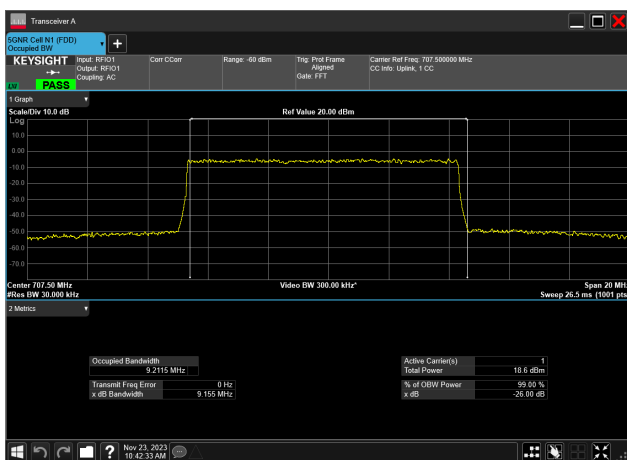
10MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB50@0
9.176 MHz



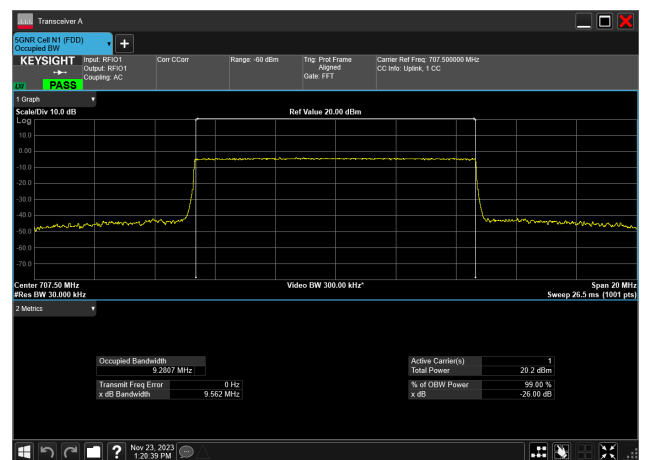
10MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB50@0
9.218 MHz



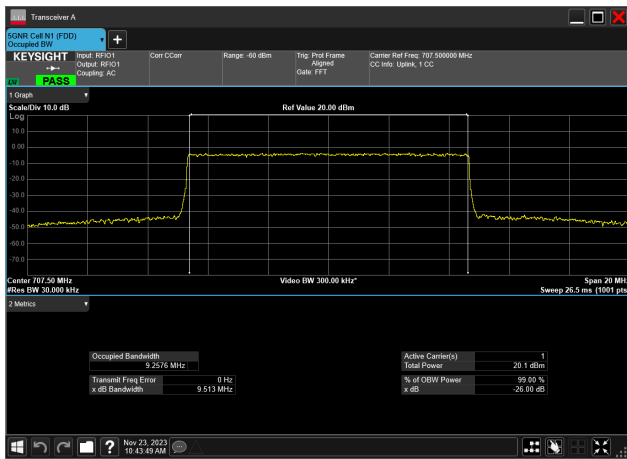
10MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB50@0
9.212 MHz



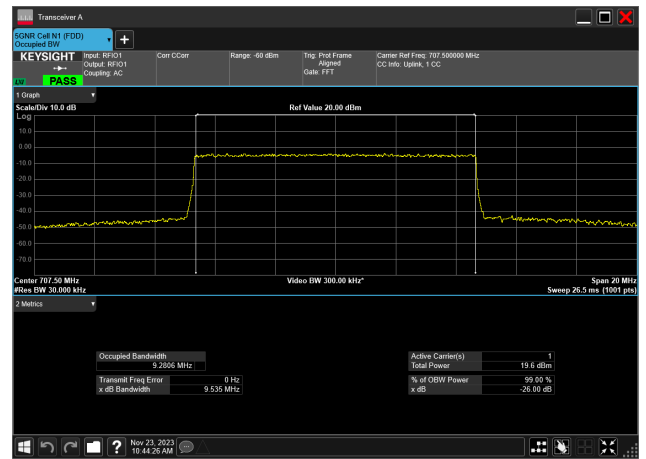
10MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB52@0
9.281 MHz



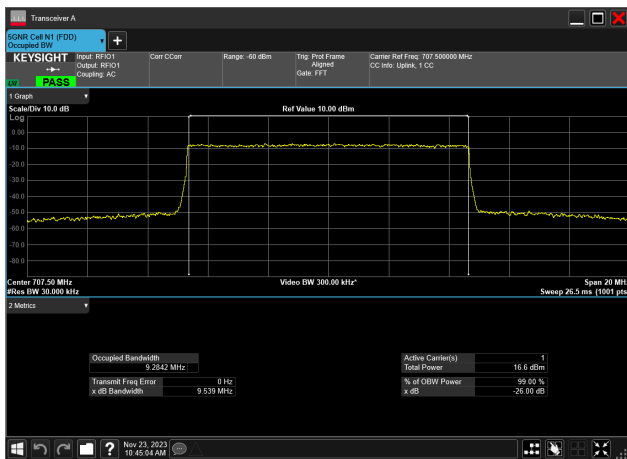
10MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB52@0
9.258 MHz



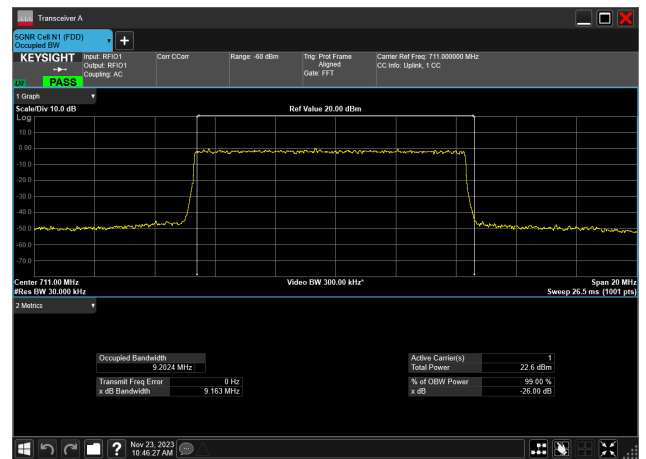
10MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB52@0
9.281 MHz



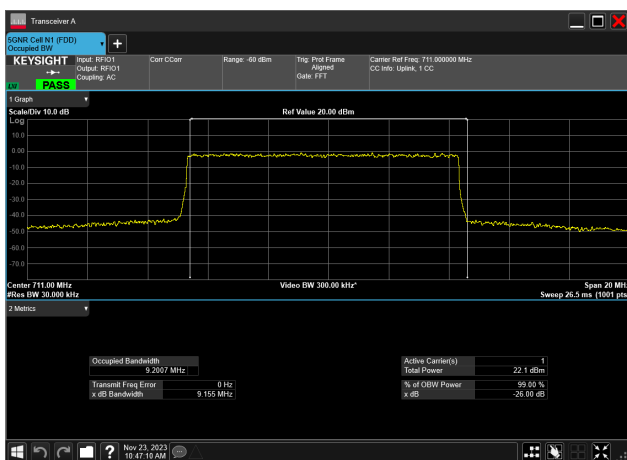
10MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB52@0
9.284 MHz



10MHz_15kHz_711MHz_DFT-s-OFDM PI/2 BPSK_RB50@0
9.202 MHz



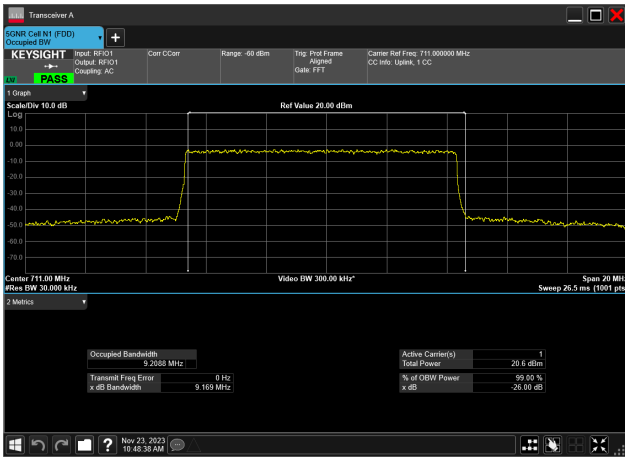
10MHz_15kHz_711MHz_DFT-s-OFDM QPSK_RB50@0
9.201 MHz



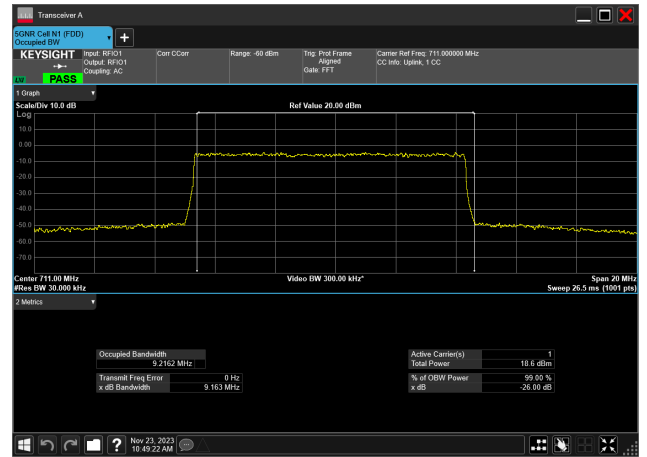
10MHz_15kHz_711MHz_DFT-s-OFDM 16 QAM_RB50@0
9.213 MHz



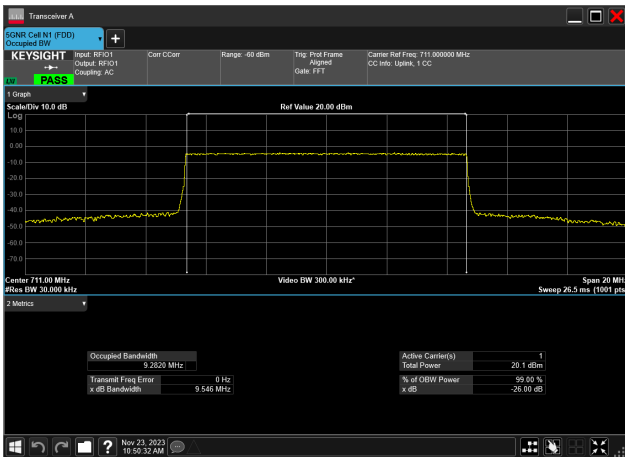
10MHz_15kHz_711MHz_DFT-s-OFDM 64 QAM_RB50@0
9.209 MHz



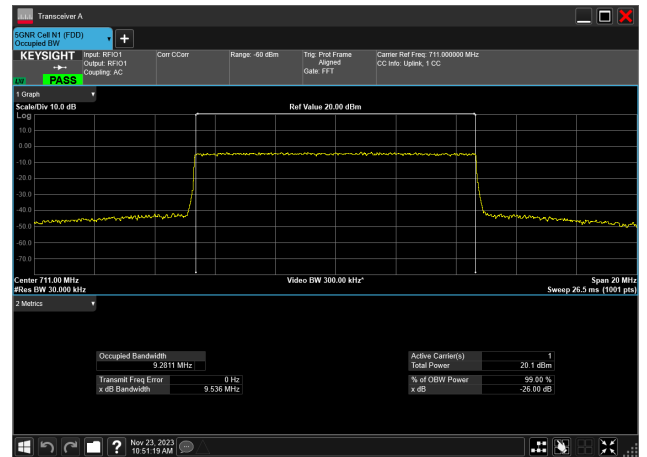
10MHz_15kHz_711MHz_DFT-s-OFDM 256 QAM_RB50@0
9.216 MHz



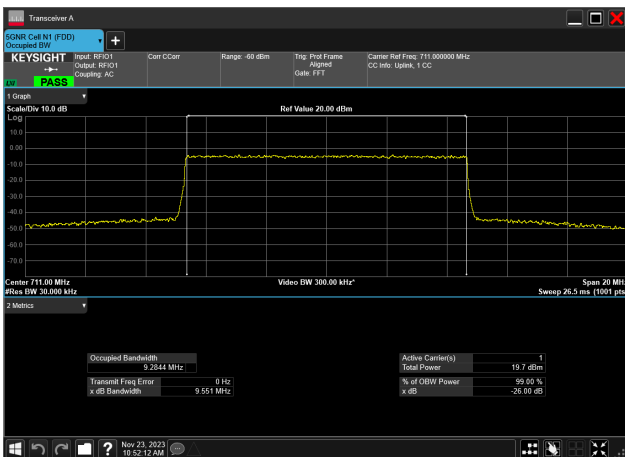
10MHz_15kHz_711MHz_CP-OFDM QPSK_RB52@0
9.282 MHz



10MHz_15kHz_711MHz_CP-OFDM 16 QAM_RB52@0
9.281 MHz



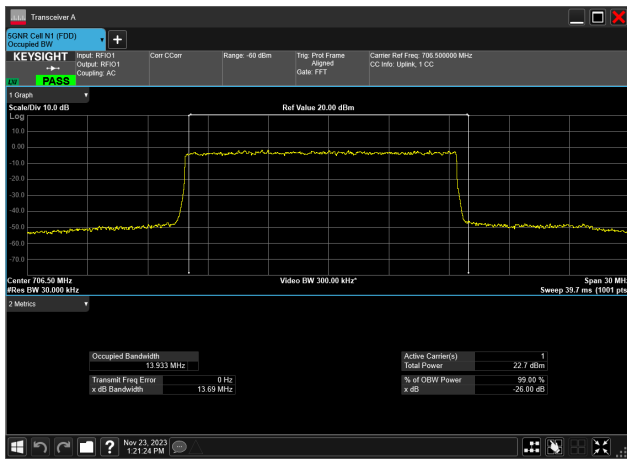
10MHz_15kHz_711MHz_CP-OFDM 64 QAM_RB52@0
9.284 MHz



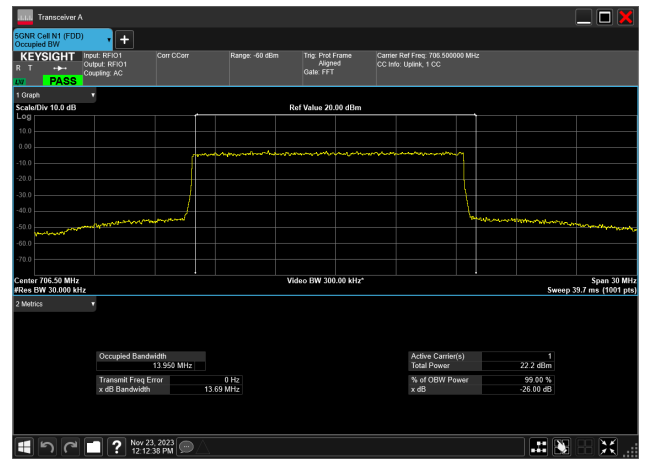
10MHz_15kHz_711MHz_CP-OFDM 256 QAM_RB52@0
9.260 MHz



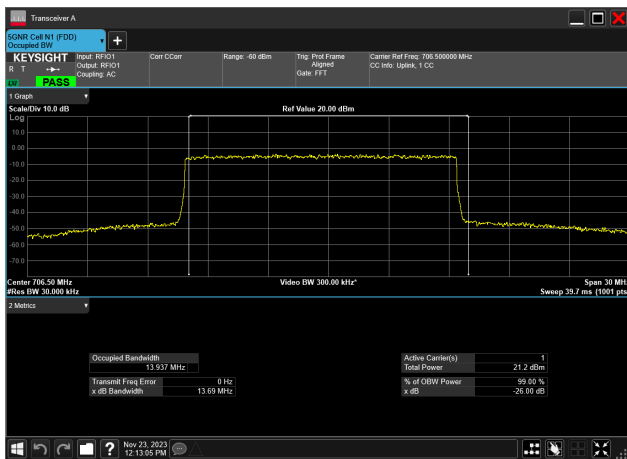
15MHz_15kHz_706.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0
13.933 MHz



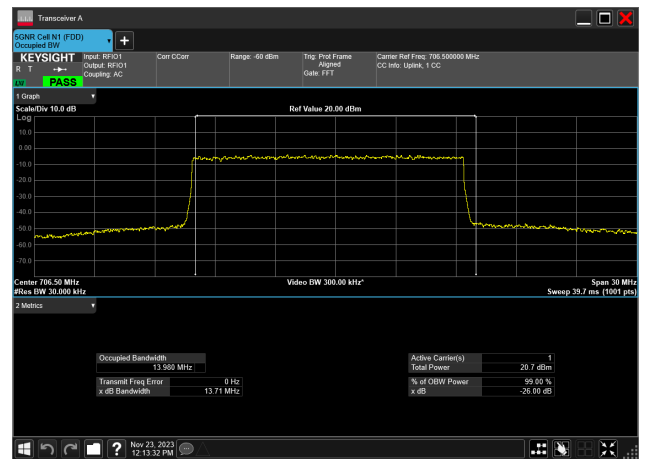
15MHz_15kHz_706.5MHz_DFT-s-OFDM QPSK_RB75@0
13.950 MHz



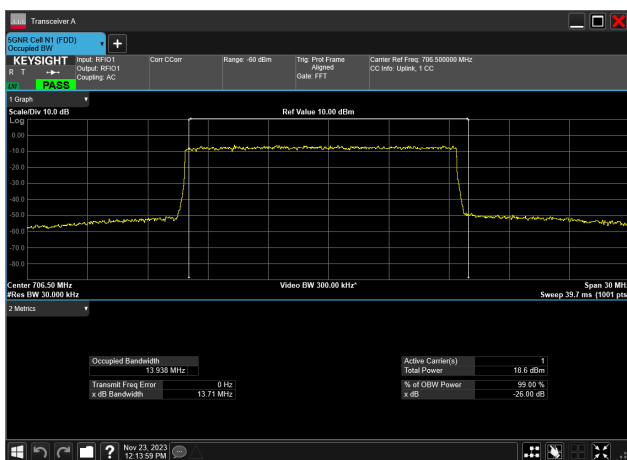
15MHz_15kHz_706.5MHz_DFT-s-OFDM 16 QAM_RB75@0
13.937 MHz



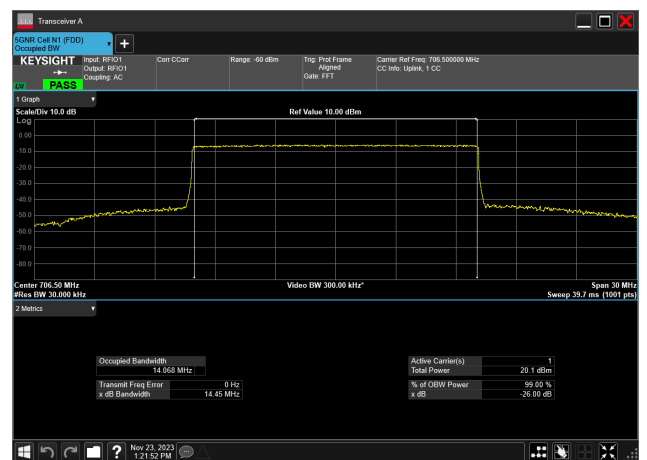
15MHz_15kHz_706.5MHz_DFT-s-OFDM 64 QAM_RB75@0
13.980 MHz



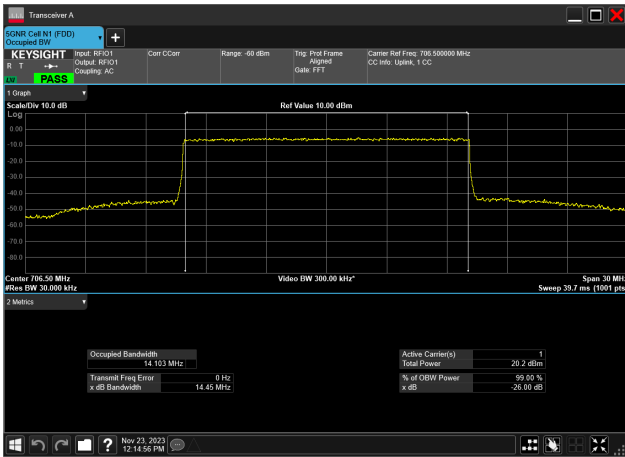
15MHz_15kHz_706.5MHz_DFT-s-OFDM 256 QAM_RB75@0
13.938 MHz



15MHz_15kHz_706.5MHz_CP-OFDM QPSK_RB79@0
14.068 MHz



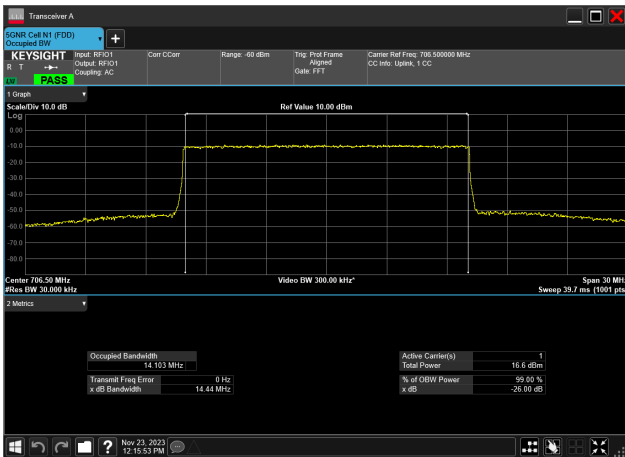
15MHz_15kHz_706.5MHz_CP-OFDM 16 QAM_RB79@0
14.103 MHz



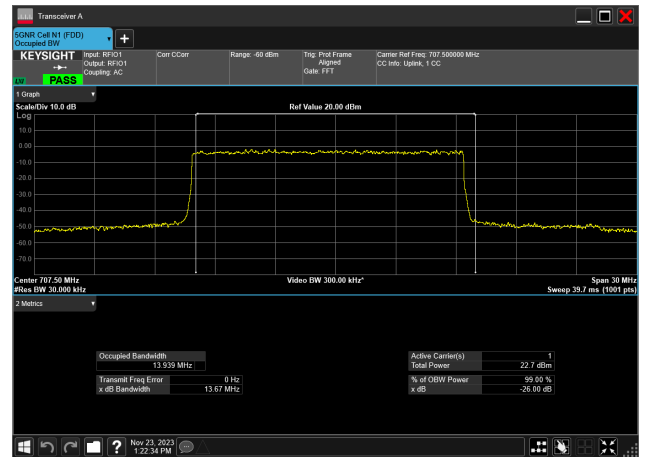
15MHz_15kHz_706.5MHz_CP-OFDM 64 QAM_RB79@0
14.104 MHz



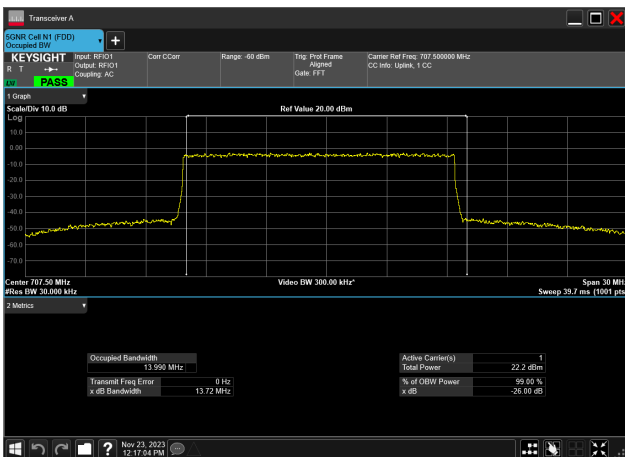
15MHz_15kHz_706.5MHz_CP-OFDM 256 QAM_RB79@0
14.103 MHz



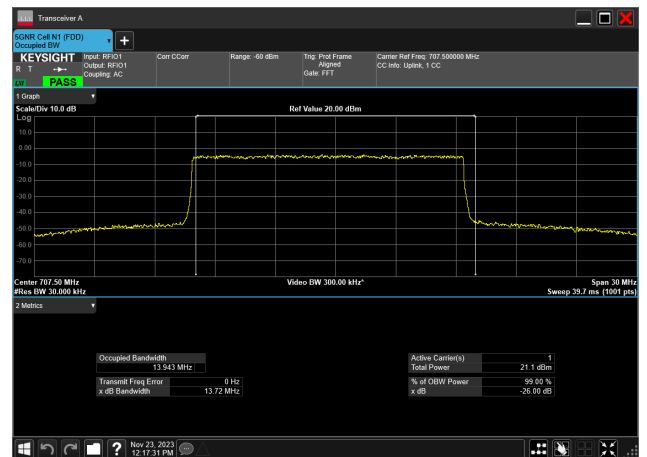
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13.939 MHz



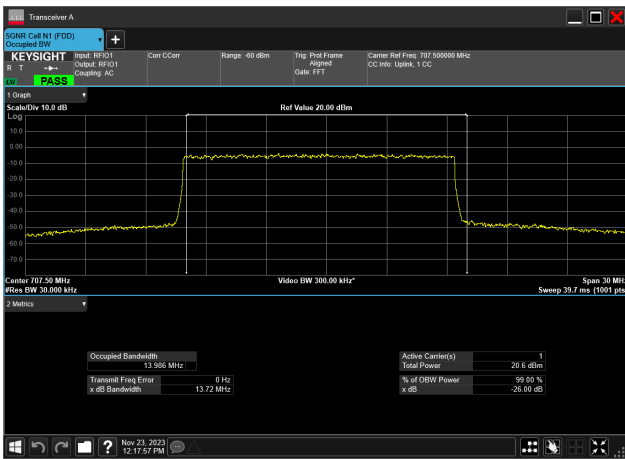
15MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB75@0
13.990 MHz



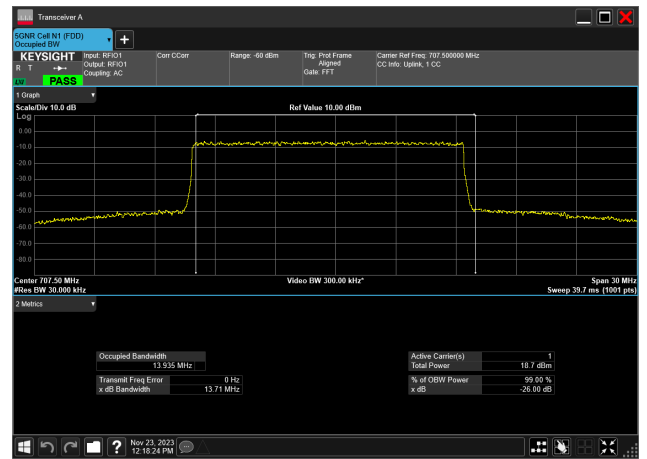
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13.943 MHz



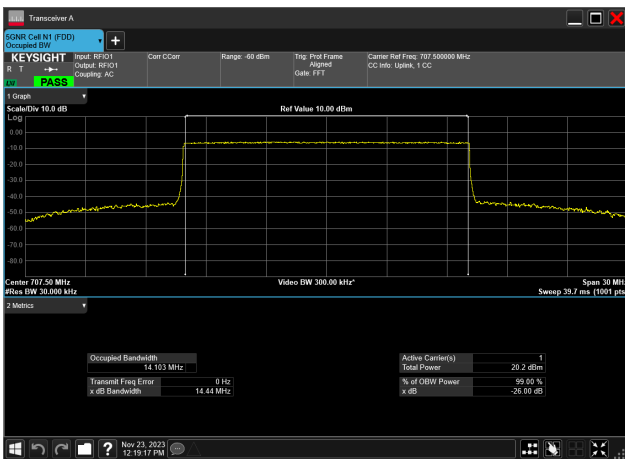
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13.986 MHz



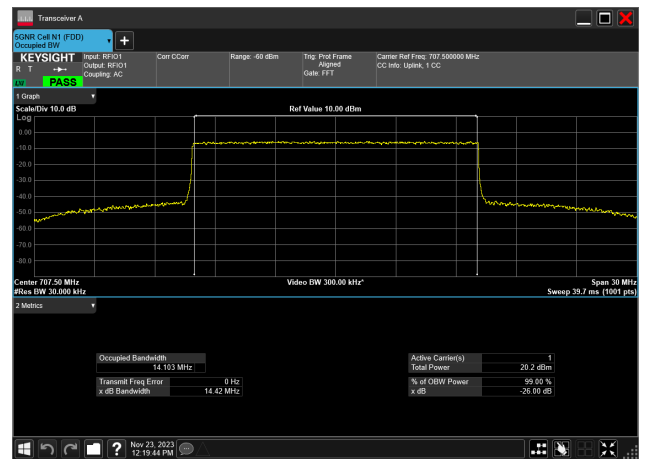
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13.935 MHz



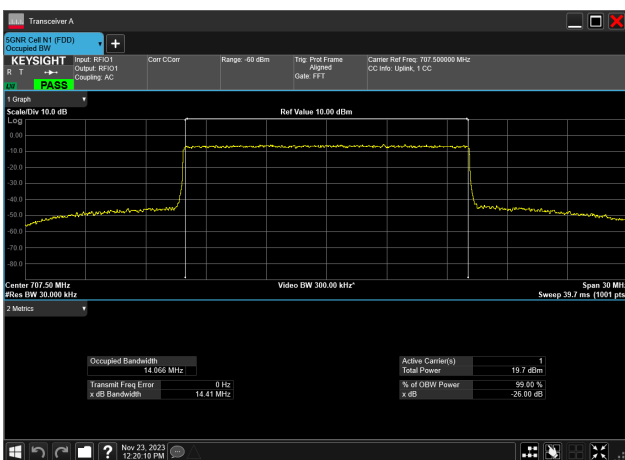
15MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB79@
14.103 MHz



15MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB79@
14.103 MHz



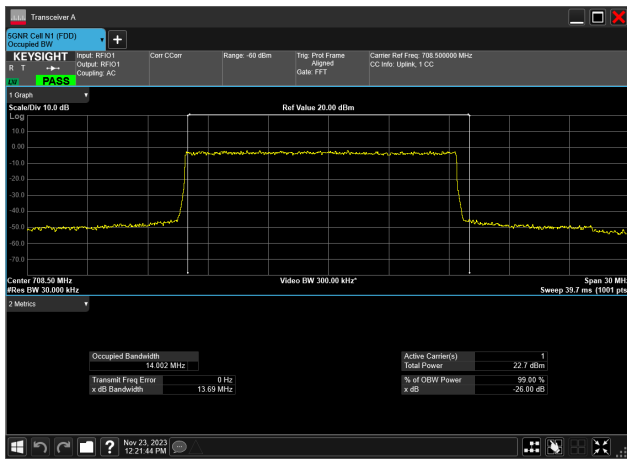
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14.066 MHz



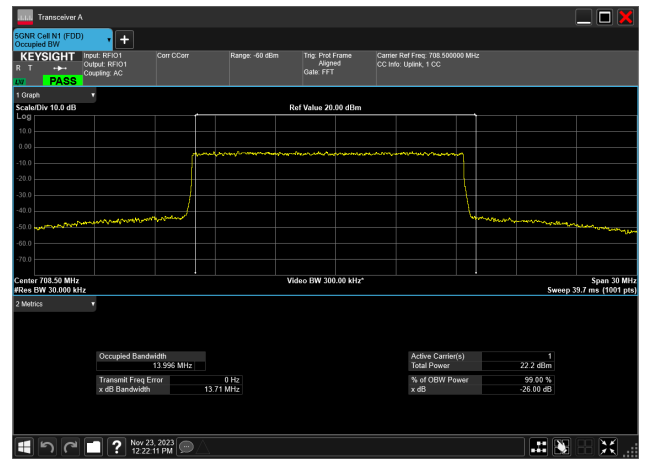
15MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB79@
14.103 MHz



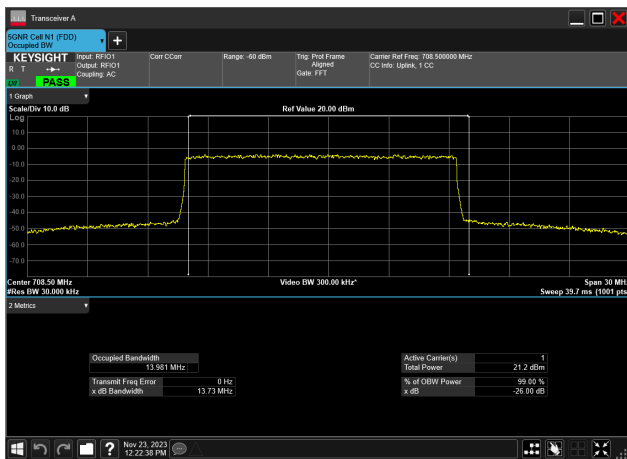
15MHz_15kHz_708.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0
14.002 MHz



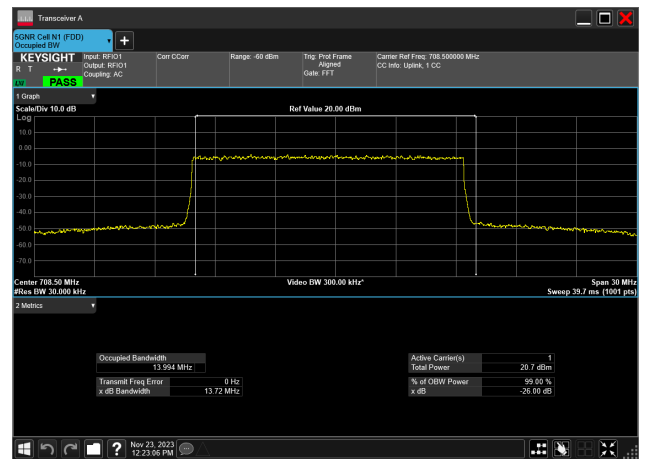
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13.996 MHz



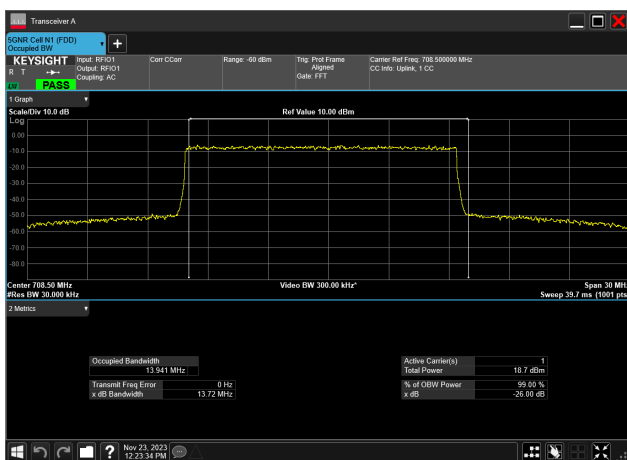
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13.981 MHz



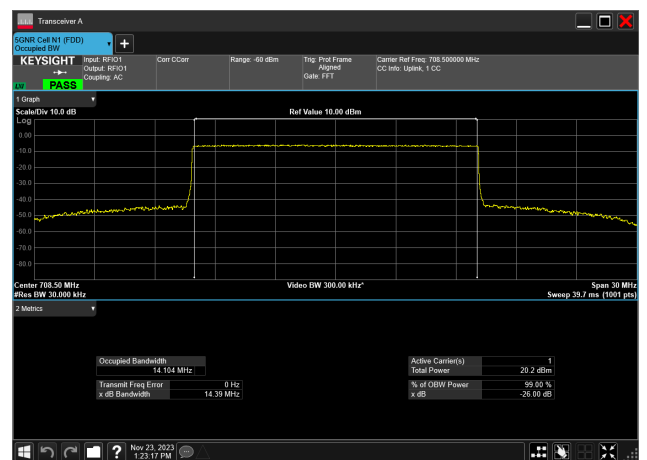
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13.994 MHz



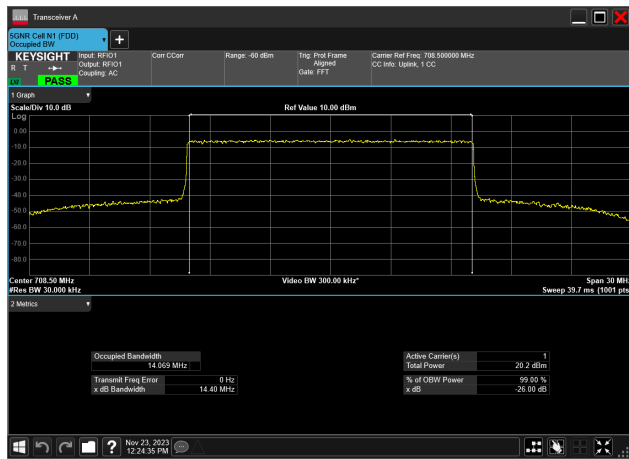
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13.941 MHz



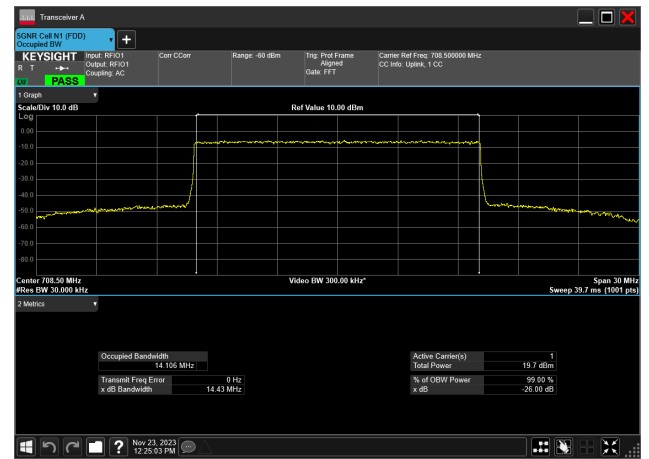
15MHz_15kHz_708.5MHz_CP-OFDM QPSK_RB79@0
14.104 MHz



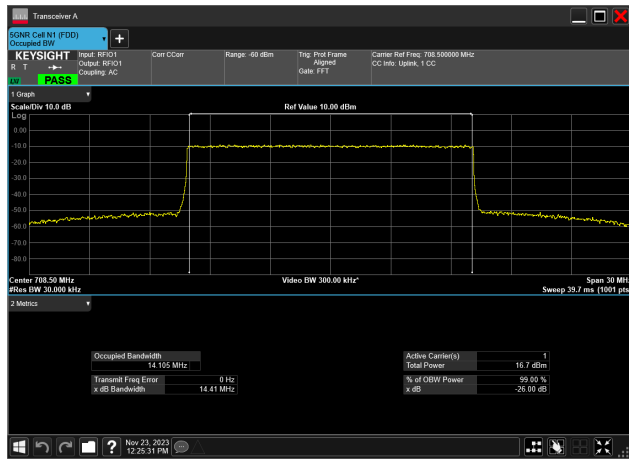
15MHz_15kHz_708.5MHz_CP-OFDM 16 QAM_RB79@0
14.069 MHz



15MHz_15kHz_708.5MHz_CP-OFDM 64 QAM_RB79@0
14.106 MHz

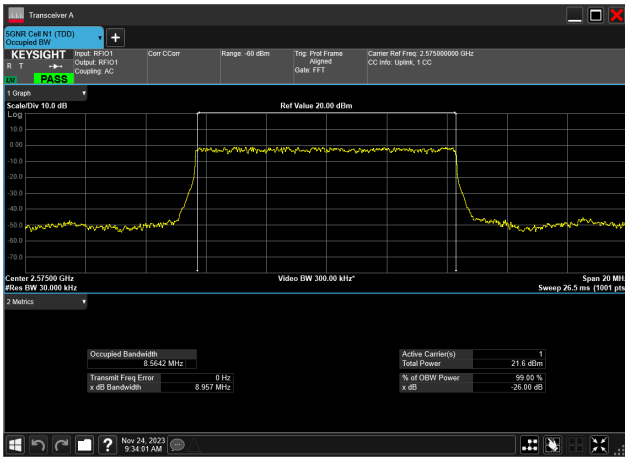


15MHz_15kHz_708.5MHz_CP-OFDM 256 QAM_RB79@0
14.105 MHz

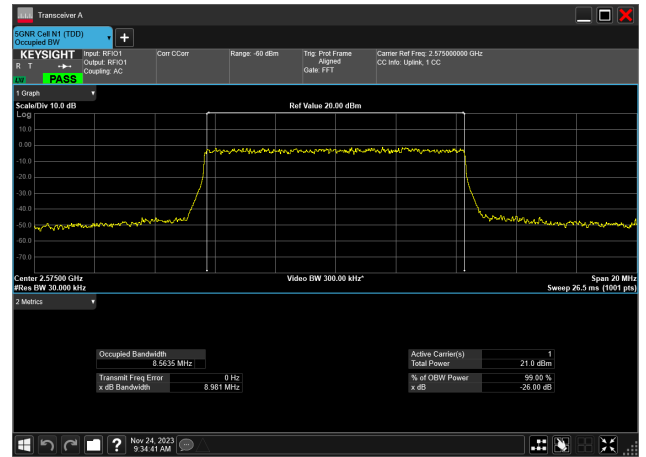


n38

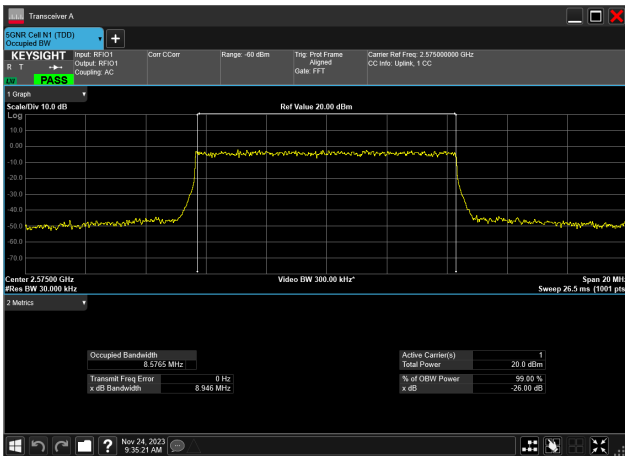
10MHz_30kHz_2575MHz_DFT-s-OFDM PI/2 BPSK_RB24@0
8.564 MHz



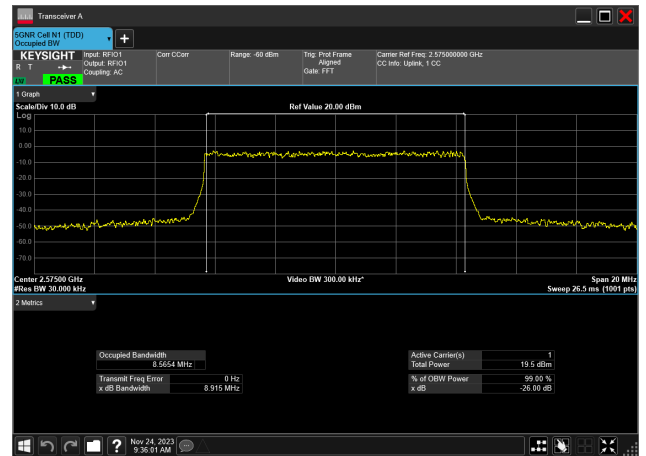
10MHz_30kHz_2575MHz_DFT-s-OFDM QPSK_RB24@0
8.563 MHz



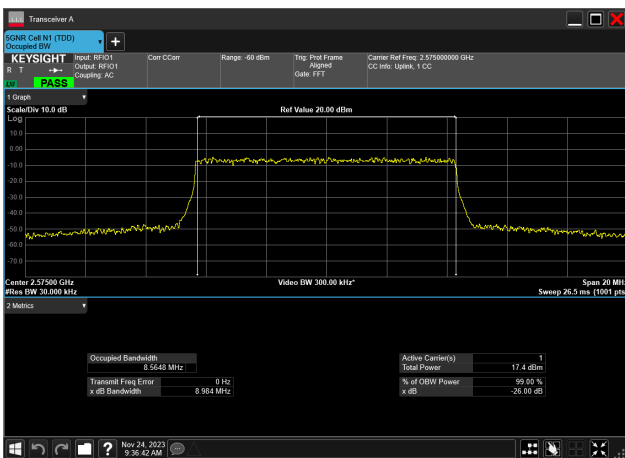
10MHz_30kHz_2575MHz_DFT-s-OFDM 16 QAM_RB24@0
8.577 MHz



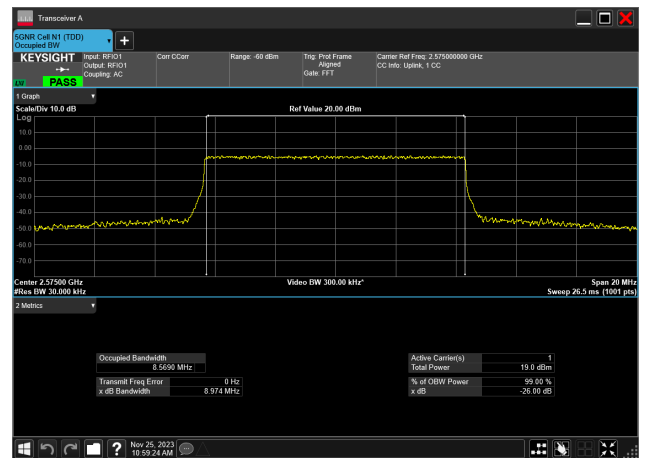
10MHz_30kHz_2575MHz_DFT-s-OFDM 64 QAM_RB24@0
8.565 MHz



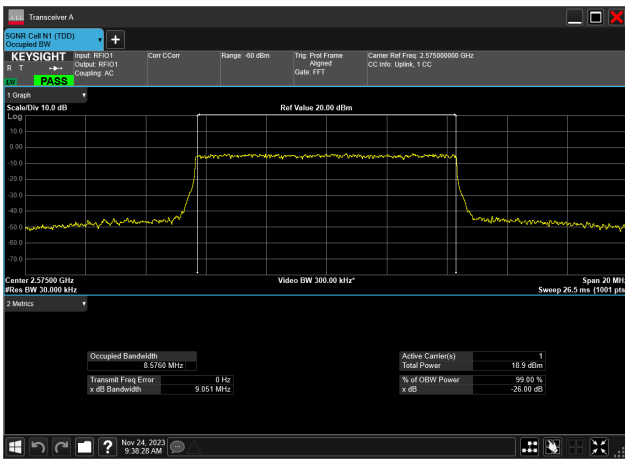
10MHz_30kHz_2575MHz_DFT-s-OFDM 256 QAM_RB24@0
8.565 MHz



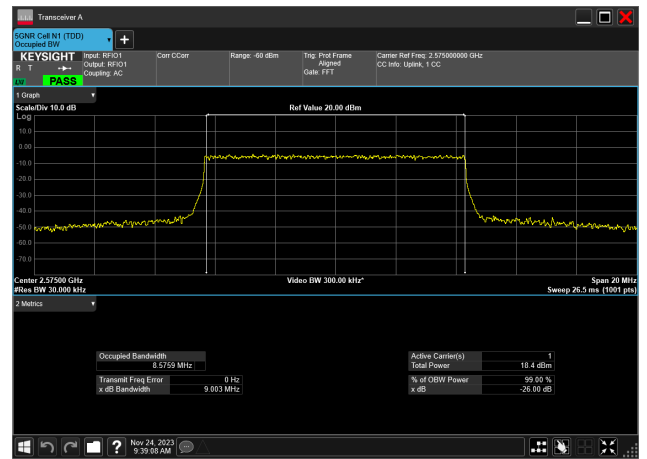
10MHz_30kHz_2575MHz_CP-OFDM QPSK_RB24@0
8.569 MHz



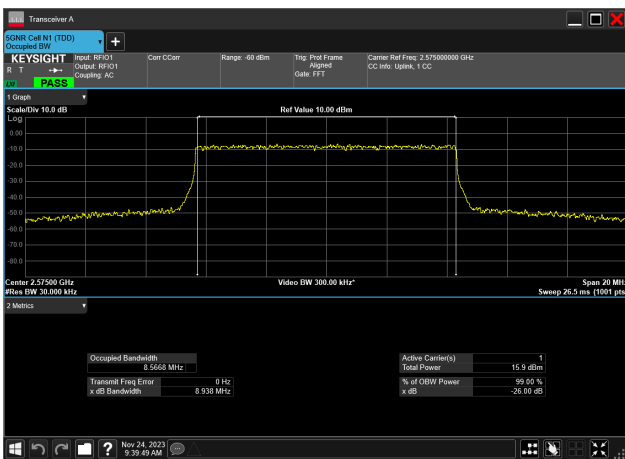
10MHz_30kHz_2575MHz_CP-OFDM 16 QAM_RB24@0
8.576 MHz



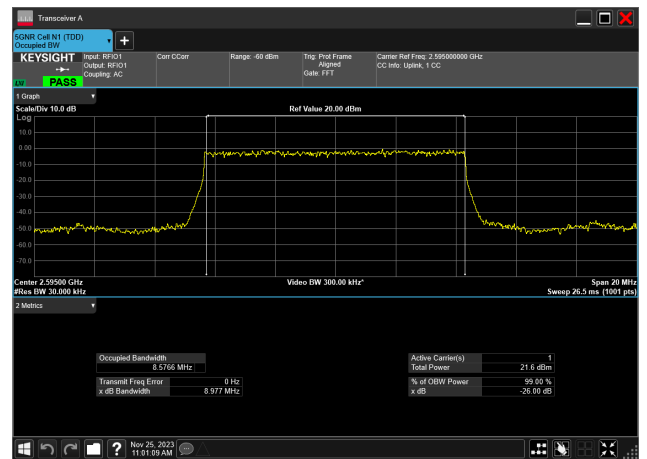
10MHz_30kHz_2575MHz_CP-OFDM 64 QAM_RB24@0
8.576 MHz



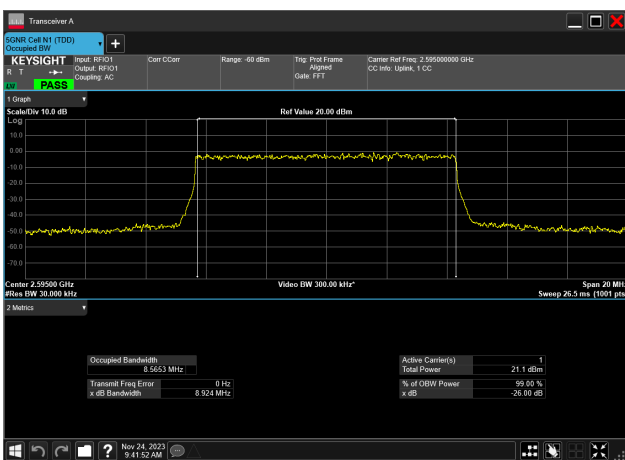
10MHz_30kHz_2575MHz_CP-OFDM 256 QAM_RB24@0
8.567 MHz



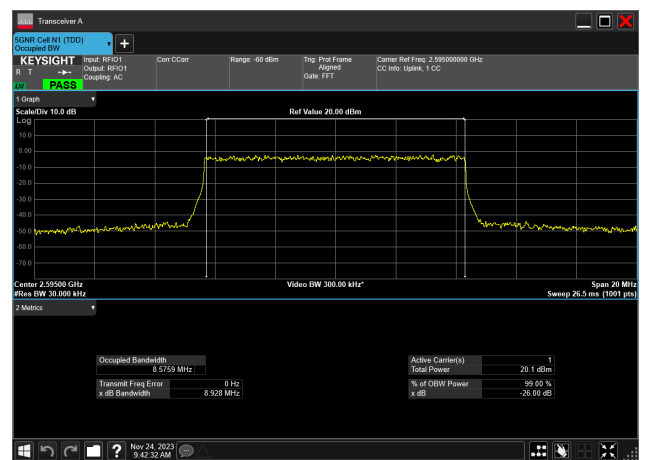
10MHz_30kHz_2595MHz_DFT-s-OFDM PI/2 BPSK_RB24@0
8.577 MHz



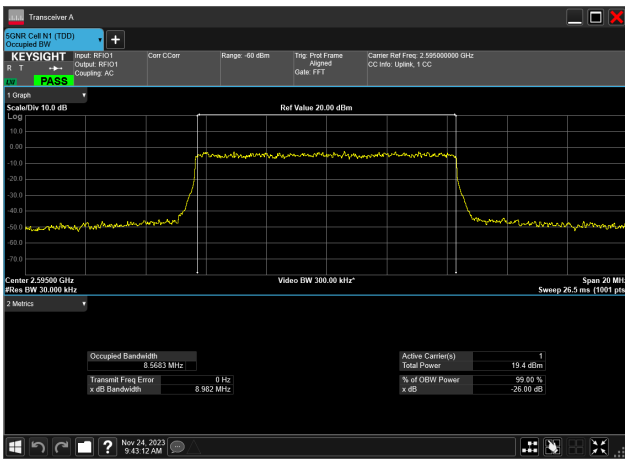
10MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB24@0
8.565 MHz



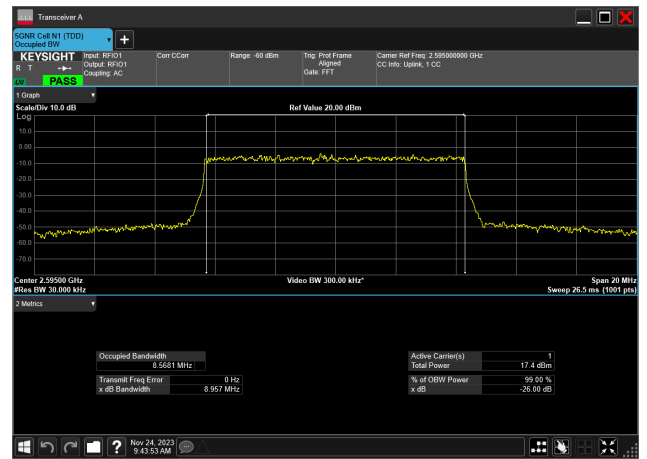
10MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB24@0
8.576 MHz



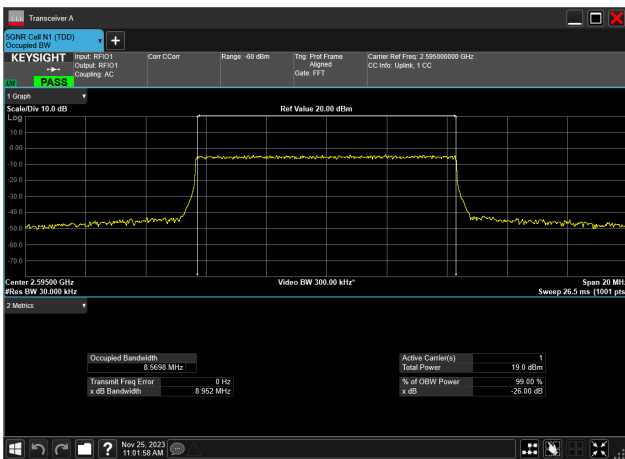
10MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB24@0
8.568 MHz



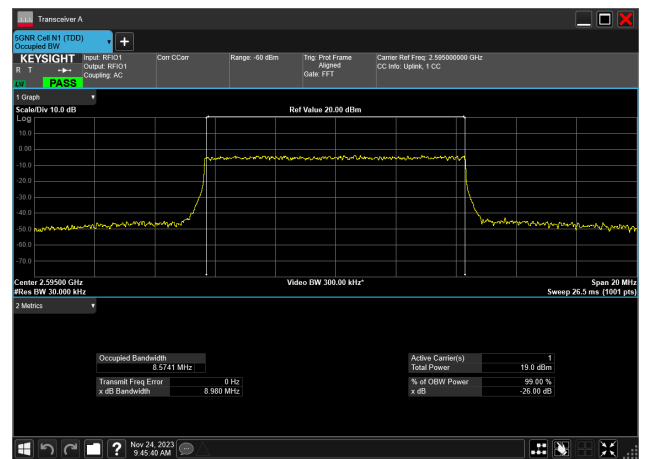
10MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB24@0
8.568 MHz



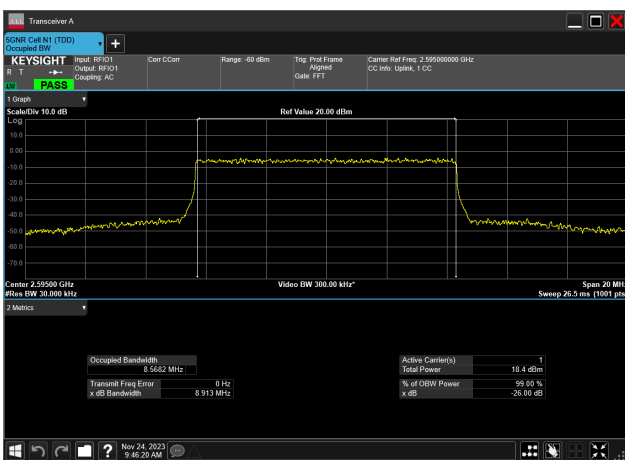
10MHz_30kHz_2595MHz_CP-OFDM QPSK_RB24@0
8.570 MHz



10MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB24@0
8.574 MHz



10MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB24@0
8.568 MHz



10MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB24@0
8.569 MHz

