

FCC Part 27

Occupied bandwidth

n12

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_701.5MHz_CP-OFDM 16 QAM_RB25@0	4.465	4.711
5MHz_15kHz_701.5MHz_CP-OFDM 256 QAM_RB25@0	4.463	4.655
5MHz_15kHz_701.5MHz_CP-OFDM 64 QAM_RB25@0	4.461	4.703
5MHz_15kHz_701.5MHz_CP-OFDM QPSK_RB25@0	4.463	4.706
5MHz_15kHz_701.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.463	4.672
5MHz_15kHz_701.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.464	4.693
5MHz_15kHz_701.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.464	4.667
5MHz_15kHz_701.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.462	4.671
5MHz_15kHz_701.5MHz_DFT-s-OFDM QPSK_RB25@0	4.466	4.667
5MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB25@0	4.463	4.696
5MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB25@0	4.463	4.689
5MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB25@0	4.461	4.686
5MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB25@0	4.466	4.706
5MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.464	4.646
5MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.462	4.642
5MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.461	4.677
5MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.469	4.696
5MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB25@0	4.465	4.681
5MHz_15kHz_713.5MHz_CP-OFDM 16 QAM_RB25@0	4.464	4.668
5MHz_15kHz_713.5MHz_CP-OFDM 256 QAM_RB25@0	4.462	4.657
5MHz_15kHz_713.5MHz_CP-OFDM 64 QAM_RB25@0	4.466	4.7
5MHz_15kHz_713.5MHz_CP-OFDM QPSK_RB25@0	4.466	4.711
5MHz_15kHz_713.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.463	4.672
5MHz_15kHz_713.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.464	4.655
5MHz_15kHz_713.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.462	4.672
5MHz_15kHz_713.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.465	4.678
5MHz_15kHz_713.5MHz_DFT-s-OFDM QPSK_RB25@0	4.467	4.69
10MHz_15kHz_704MHz_CP-OFDM 16 QAM_RB52@0	9.283	9.566
10MHz_15kHz_704MHz_CP-OFDM 256 QAM_RB52@0	9.281	9.549
10MHz_15kHz_704MHz_CP-OFDM 64 QAM_RB52@0	9.280	9.55
10MHz_15kHz_704MHz_CP-OFDM QPSK_RB52@0	9.282	9.602
10MHz_15kHz_704MHz_DFT-s-OFDM 16 QAM_RB50@0	9.177	9.235
10MHz_15kHz_704MHz_DFT-s-OFDM 256 QAM_RB50@0	9.165	9.23
10MHz_15kHz_704MHz_DFT-s-OFDM 64 QAM_RB50@0	9.213	9.192
10MHz_15kHz_704MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.178	9.206
10MHz_15kHz_704MHz_DFT-s-OFDM QPSK_RB50@0	9.173	9.228
10MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB52@0	9.284	9.557
10MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB52@0	9.288	9.581

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB52@0	9.285	9.622
10MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB52@0	9.282	9.549
10MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB50@0	9.209	9.221
10MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB50@0	9.213	9.179
10MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB50@0	9.219	9.166
10MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.209	9.221
10MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB50@0	9.205	9.242
10MHz_15kHz_711MHz_CP-OFDM 16 QAM_RB52@0	9.257	9.573
10MHz_15kHz_711MHz_CP-OFDM 256 QAM_RB52@0	9.282	9.523
10MHz_15kHz_711MHz_CP-OFDM 64 QAM_RB52@0	9.287	9.564
10MHz_15kHz_711MHz_CP-OFDM QPSK_RB52@0	9.282	9.585
10MHz_15kHz_711MHz_DFT-s-OFDM 16 QAM_RB50@0	9.216	9.195
10MHz_15kHz_711MHz_DFT-s-OFDM 256 QAM_RB50@0	9.179	9.149
10MHz_15kHz_711MHz_DFT-s-OFDM 64 QAM_RB50@0	9.213	9.158
10MHz_15kHz_711MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.215	9.219
10MHz_15kHz_711MHz_DFT-s-OFDM QPSK_RB50@0	9.241	9.191
15MHz_15kHz_706.5MHz_CP-OFDM 16 QAM_RB79@0	14.069	14.445
15MHz_15kHz_706.5MHz_CP-OFDM 256 QAM_RB79@0	14.100	14.436
15MHz_15kHz_706.5MHz_CP-OFDM 64 QAM_RB79@0	14.070	14.446
15MHz_15kHz_706.5MHz_CP-OFDM QPSK_RB79@0	14.068	14.456
15MHz_15kHz_706.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.985	13.697
15MHz_15kHz_706.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.993	13.783
15MHz_15kHz_706.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.927	13.717
15MHz_15kHz_706.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.995	13.751
15MHz_15kHz_706.5MHz_DFT-s-OFDM QPSK_RB75@0	13.988	13.711
15MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB79@0	14.101	14.448
15MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB79@0	14.103	14.424
15MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB79@0	14.104	14.464
15MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB79@0	14.102	14.439
15MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.995	13.715
15MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB75@0	14.000	13.743
15MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.936	13.713
15MHz_15kHz_707.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.997	13.736
15MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB75@0	13.993	13.778
15MHz_15kHz_708.5MHz_CP-OFDM 16 QAM_RB79@0	14.104	14.42
15MHz_15kHz_708.5MHz_CP-OFDM 256 QAM_RB79@0	14.100	14.418
15MHz_15kHz_708.5MHz_CP-OFDM 64 QAM_RB79@0	14.104	14.452
15MHz_15kHz_708.5MHz_CP-OFDM QPSK_RB79@0	14.102	14.465
15MHz_15kHz_708.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.987	13.749
15MHz_15kHz_708.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.994	13.705
15MHz_15kHz_708.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.937	13.704

Mode	99% OBW (MHz)	EBW (MHz)
15MHz_15kHz_708.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.997	13.748
15MHz_15kHz_708.5MHz_DFT-s-OFDM QPSK_RB75@0	13.997	13.741

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Mode	99% OBW (MHz)	EBW (MHz)
10MHz_30kHz_2575MHz_CP-OFDM 16 QAM_RB24@0	8.571	9
10MHz_30kHz_2575MHz_CP-OFDM 256 QAM_RB24@0	8.570	9.027
10MHz_30kHz_2575MHz_CP-OFDM 64 QAM_RB24@0	8.570	8.976
10MHz_30kHz_2575MHz_CP-OFDM QPSK_RB24@0	8.571	9.06
10MHz_30kHz_2575MHz_DFT-s-OFDM 16 QAM_RB24@0	8.569	9.055
10MHz_30kHz_2575MHz_DFT-s-OFDM 256 QAM_RB24@0	8.561	8.925
10MHz_30kHz_2575MHz_DFT-s-OFDM 64 QAM_RB24@0	8.571	8.997
10MHz_30kHz_2575MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.569	9.004
10MHz_30kHz_2575MHz_DFT-s-OFDM QPSK_RB24@0	8.577	9.043
10MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB24@0	8.569	9.031
10MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB24@0	8.565	8.964
10MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB24@0	8.568	8.995
10MHz_30kHz_2595MHz_CP-OFDM QPSK_RB24@0	8.570	8.976
10MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB24@0	8.573	9.087
10MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB24@0	8.566	9.052
10MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB24@0	8.568	9.046
10MHz_30kHz_2595MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.570	8.992
10MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB24@0	8.573	8.968
10MHz_30kHz_2615MHz_CP-OFDM 16 QAM_RB24@0	8.570	9.039
10MHz_30kHz_2615MHz_CP-OFDM 256 QAM_RB24@0	8.568	8.986
10MHz_30kHz_2615MHz_CP-OFDM 64 QAM_RB24@0	8.569	8.985
10MHz_30kHz_2615MHz_CP-OFDM QPSK_RB24@0	8.571	9.126
10MHz_30kHz_2615MHz_DFT-s-OFDM 16 QAM_RB24@0	8.568	9.063
10MHz_30kHz_2615MHz_DFT-s-OFDM 256 QAM_RB24@0	8.560	8.948
10MHz_30kHz_2615MHz_DFT-s-OFDM 64 QAM_RB24@0	8.567	8.99
10MHz_30kHz_2615MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.564	8.996
10MHz_30kHz_2615MHz_DFT-s-OFDM QPSK_RB24@0	8.563	9.028
15MHz_30kHz_2577.5MHz_CP-OFDM 16 QAM_RB38@0	13.573	14.084
15MHz_30kHz_2577.5MHz_CP-OFDM 256 QAM_RB38@0	13.563	14.097
15MHz_30kHz_2577.5MHz_CP-OFDM 64 QAM_RB38@0	13.567	14.052
15MHz_30kHz_2577.5MHz_CP-OFDM QPSK_RB38@0	13.569	14.096
15MHz_30kHz_2577.5MHz_DFT-s-OFDM 16 QAM_RB36@0	13.457	13.433
15MHz_30kHz_2577.5MHz_DFT-s-OFDM 256 QAM_RB36@0	13.441	13.355
15MHz_30kHz_2577.5MHz_DFT-s-OFDM 64 QAM_RB36@0	13.469	13.362
15MHz_30kHz_2577.5MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.465	13.359
15MHz_30kHz_2577.5MHz_DFT-s-OFDM QPSK_RB36@0	13.443	13.301

Mode	99% OBW (MHz)	EBW (MHz)
15MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB38@0	13.571	14.108
15MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB38@0	13.563	14
15MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB38@0	13.566	13.957
15MHz_30kHz_2595MHz_CP-OFDM QPSK_RB38@0	13.567	14.072
15MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB36@0	13.461	13.396
15MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB36@0	13.443	13.3
15MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB36@0	13.467	13.407
15MHz_30kHz_2595MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.463	13.434
15MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB36@0	13.456	13.386
15MHz_30kHz_2612.5MHz_CP-OFDM 16 QAM_RB38@0	13.573	14.133
15MHz_30kHz_2612.5MHz_CP-OFDM 256 QAM_RB38@0	13.566	14.056
15MHz_30kHz_2612.5MHz_CP-OFDM 64 QAM_RB38@0	13.568	14.081
15MHz_30kHz_2612.5MHz_CP-OFDM QPSK_RB38@0	13.570	13.99
15MHz_30kHz_2612.5MHz_DFT-s-OFDM 16 QAM_RB36@0	13.455	13.245
15MHz_30kHz_2612.5MHz_DFT-s-OFDM 256 QAM_RB36@0	13.443	13.431
15MHz_30kHz_2612.5MHz_DFT-s-OFDM 64 QAM_RB36@0	13.501	13.423
15MHz_30kHz_2612.5MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.462	13.31
15MHz_30kHz_2612.5MHz_DFT-s-OFDM QPSK_RB36@0	13.460	13.36
20MHz_30kHz_2580MHz_CP-OFDM 16 QAM_RB51@0	18.173	18.819
20MHz_30kHz_2580MHz_CP-OFDM 256 QAM_RB51@0	18.175	18.707
20MHz_30kHz_2580MHz_CP-OFDM 64 QAM_RB51@0	18.173	18.759
20MHz_30kHz_2580MHz_CP-OFDM QPSK_RB51@0	18.177	18.721
20MHz_30kHz_2580MHz_DFT-s-OFDM 16 QAM_RB50@0	18.005	18.319
20MHz_30kHz_2580MHz_DFT-s-OFDM 256 QAM_RB50@0	18.008	18.323
20MHz_30kHz_2580MHz_DFT-s-OFDM 64 QAM_RB50@0	18.050	18.322
20MHz_30kHz_2580MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	18.057	18.327
20MHz_30kHz_2580MHz_DFT-s-OFDM QPSK_RB50@0	18.000	18.362
20MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB51@0	18.173	18.775
20MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB51@0	18.178	18.717
20MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB51@0	18.171	18.705
20MHz_30kHz_2595MHz_CP-OFDM QPSK_RB51@0	18.175	18.685
20MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB50@0	17.977	18.308
20MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB50@0	18.010	18.322
20MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB50@0	18.007	18.284
20MHz_30kHz_2595MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	18.000	18.314
20MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB50@0	18.004	18.312
20MHz_30kHz_2610MHz_CP-OFDM 16 QAM_RB51@0	18.206	18.786
20MHz_30kHz_2610MHz_CP-OFDM 256 QAM_RB51@0	18.200	18.712
20MHz_30kHz_2610MHz_CP-OFDM 64 QAM_RB51@0	18.177	18.713
20MHz_30kHz_2610MHz_CP-OFDM QPSK_RB51@0	18.175	18.734
20MHz_30kHz_2610MHz_DFT-s-OFDM 16 QAM_RB50@0	18.003	18.319

Mode	99% OBW (MHz)	EBW (MHz)
20MHz_30kHz_2610MHz_DFT-s-OFDM 256 QAM_RB50@0	17.975	18.375
20MHz_30kHz_2610MHz_DFT-s-OFDM 64 QAM_RB50@0	18.047	18.353
20MHz_30kHz_2610MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	18.046	18.365
20MHz_30kHz_2610MHz_DFT-s-OFDM QPSK_RB50@0	18.018	18.382

n40_1

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_30kHz_2310MHz_CP-OFDM 16 QAM_RB24@0	8.572	9.017
10MHz_30kHz_2310MHz_CP-OFDM 256 QAM_RB24@0	8.566	9.011
10MHz_30kHz_2310MHz_CP-OFDM 64 QAM_RB24@0	8.568	8.995
10MHz_30kHz_2310MHz_CP-OFDM QPSK_RB24@0	8.568	9.11
10MHz_30kHz_2310MHz_DFT-s-OFDM 16 QAM_RB24@0	8.564	8.969
10MHz_30kHz_2310MHz_DFT-s-OFDM 256 QAM_RB24@0	8.578	8.986
10MHz_30kHz_2310MHz_DFT-s-OFDM 64 QAM_RB24@0	8.567	9.053
10MHz_30kHz_2310MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.562	9.048
10MHz_30kHz_2310MHz_DFT-s-OFDM QPSK_RB24@0	8.568	8.919

n40_2

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_30kHz_2355MHz_CP-OFDM 16 QAM_RB24@0	8.570	9.053
10MHz_30kHz_2355MHz_CP-OFDM 256 QAM_RB24@0	8.569	9.065
10MHz_30kHz_2355MHz_CP-OFDM 64 QAM_RB24@0	8.573	9.01
10MHz_30kHz_2355MHz_CP-OFDM QPSK_RB24@0	8.569	9.074
10MHz_30kHz_2355MHz_DFT-s-OFDM 16 QAM_RB24@0	8.566	8.979
10MHz_30kHz_2355MHz_DFT-s-OFDM 256 QAM_RB24@0	8.602	9.104
10MHz_30kHz_2355MHz_DFT-s-OFDM 64 QAM_RB24@0	8.571	9.018
10MHz_30kHz_2355MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.540	8.957
10MHz_30kHz_2355MHz_DFT-s-OFDM QPSK_RB24@0	8.570	9.006

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Mode	99% OBW (MHz)	EBW (MHz)
10MHz_30kHz_2501.01MHz_CP-OFDM 16 QAM_RB24@0	8.567	9.084
10MHz_30kHz_2501.01MHz_CP-OFDM 256 QAM_RB24@0	8.566	9.015
10MHz_30kHz_2501.01MHz_CP-OFDM 64 QAM_RB24@0	8.566	8.946
10MHz_30kHz_2501.01MHz_CP-OFDM QPSK_RB24@0	8.566	8.951
10MHz_30kHz_2501.01MHz_DFT-s-OFDM 16 QAM_RB24@0	8.568	9.024
10MHz_30kHz_2501.01MHz_DFT-s-OFDM 256 QAM_RB24@0	8.577	8.98
10MHz_30kHz_2501.01MHz_DFT-s-OFDM 64 QAM_RB24@0	8.569	9.044
10MHz_30kHz_2501.01MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.567	8.946
10MHz_30kHz_2501.01MHz_DFT-s-OFDM QPSK_RB24@0	8.575	9.059
10MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB24@0	8.568	8.986

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB24@0	8.568	9.024
10MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB24@0	8.568	8.997
10MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB24@0	8.568	8.983
10MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB24@0	8.571	9.058
10MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB24@0	8.564	8.967
10MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB24@0	8.570	9.024
10MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.568	8.942
10MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB24@0	8.563	8.974
10MHz_30kHz_2685MHz_CP-OFDM 16 QAM_RB24@0	8.570	8.992
10MHz_30kHz_2685MHz_CP-OFDM 256 QAM_RB24@0	8.568	9.048
10MHz_30kHz_2685MHz_CP-OFDM 64 QAM_RB24@0	8.571	8.997
10MHz_30kHz_2685MHz_CP-OFDM QPSK_RB24@0	8.570	9.099
10MHz_30kHz_2685MHz_DFT-s-OFDM 16 QAM_RB24@0	8.572	9.053
10MHz_30kHz_2685MHz_DFT-s-OFDM 256 QAM_RB24@0	8.566	9.064
10MHz_30kHz_2685MHz_DFT-s-OFDM 64 QAM_RB24@0	8.571	9.102
10MHz_30kHz_2685MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.576	8.989
10MHz_30kHz_2685MHz_DFT-s-OFDM QPSK_RB24@0	8.577	9.068
15MHz_30kHz_2503.5MHz_CP-OFDM 16 QAM_RB38@0	13.570	14.055
15MHz_30kHz_2503.5MHz_CP-OFDM 256 QAM_RB38@0	13.564	14.09
15MHz_30kHz_2503.5MHz_CP-OFDM 64 QAM_RB38@0	13.571	14.091
15MHz_30kHz_2503.5MHz_CP-OFDM QPSK_RB38@0	13.565	14.083
15MHz_30kHz_2503.5MHz_DFT-s-OFDM 16 QAM_RB36@0	13.455	13.389
15MHz_30kHz_2503.5MHz_DFT-s-OFDM 256 QAM_RB36@0	13.408	13.382
15MHz_30kHz_2503.5MHz_DFT-s-OFDM 64 QAM_RB36@0	13.470	13.396
15MHz_30kHz_2503.5MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.459	13.31
15MHz_30kHz_2503.5MHz_DFT-s-OFDM QPSK_RB36@0	13.448	13.364
15MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB38@0	13.573	14.103
15MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB38@0	13.563	14.027
15MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB38@0	13.569	14.06
15MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB38@0	13.572	14.083
15MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB36@0	13.458	13.281
15MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB36@0	13.409	13.409
15MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB36@0	13.466	13.42
15MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.461	13.278
15MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB36@0	13.454	13.414
15MHz_30kHz_2682.48MHz_CP-OFDM 16 QAM_RB38@0	13.569	14.041
15MHz_30kHz_2682.48MHz_CP-OFDM 256 QAM_RB38@0	13.574	14.045
15MHz_30kHz_2682.48MHz_CP-OFDM 64 QAM_RB38@0	13.571	14.077
15MHz_30kHz_2682.48MHz_CP-OFDM QPSK_RB38@0	13.568	14.067

Mode	99% OBW (MHz)	EBW (MHz)
15MHz_30kHz_2682.48MHz_DFT-s-OFDM 16 QAM_RB36@0	13.504	13.448
15MHz_30kHz_2682.48MHz_DFT-s-OFDM 256 QAM_RB36@0	13.456	13.451
15MHz_30kHz_2682.48MHz_DFT-s-OFDM 64 QAM_RB36@0	13.508	13.412
15MHz_30kHz_2682.48MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.502	13.447
15MHz_30kHz_2682.48MHz_DFT-s-OFDM QPSK_RB36@0	13.462	13.378
20MHz_30kHz_2506.02MHz_CP-OFDM 16 QAM_RB51@0	18.171	18.681
20MHz_30kHz_2506.02MHz_CP-OFDM 256 QAM_RB51@0	18.177	18.73
20MHz_30kHz_2506.02MHz_CP-OFDM 64 QAM_RB51@0	18.171	18.742
20MHz_30kHz_2506.02MHz_CP-OFDM QPSK_RB51@0	18.173	18.784
20MHz_30kHz_2506.02MHz_DFT-s-OFDM 16 QAM_RB50@0	17.972	18.381
20MHz_30kHz_2506.02MHz_DFT-s-OFDM 256 QAM_RB50@0	17.938	18.217
20MHz_30kHz_2506.02MHz_DFT-s-OFDM 64 QAM_RB50@0	18.042	18.32
20MHz_30kHz_2506.02MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	18.010	18.333
20MHz_30kHz_2506.02MHz_DFT-s-OFDM QPSK_RB50@0	18.003	18.287
20MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB51@0	18.172	18.729
20MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB51@0	18.172	18.707
20MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB51@0	18.172	18.636
20MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB51@0	18.178	18.805
20MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB50@0	17.975	18.346
20MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB50@0	17.962	18.275
20MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB50@0	18.041	18.353
20MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	18.010	18.371
20MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB50@0	18.001	18.332
20MHz_30kHz_2679.99MHz_CP-OFDM 16 QAM_RB51@0	18.177	18.789
20MHz_30kHz_2679.99MHz_CP-OFDM 256 QAM_RB51@0	18.177	18.809
20MHz_30kHz_2679.99MHz_CP-OFDM 64 QAM_RB51@0	18.179	18.704
20MHz_30kHz_2679.99MHz_CP-OFDM QPSK_RB51@0	18.204	18.732
20MHz_30kHz_2679.99MHz_DFT-s-OFDM 16 QAM_RB50@0	18.052	18.316
20MHz_30kHz_2679.99MHz_DFT-s-OFDM 256 QAM_RB50@0	18.011	18.361
20MHz_30kHz_2679.99MHz_DFT-s-OFDM 64 QAM_RB50@0	18.048	18.239
20MHz_30kHz_2679.99MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	18.088	18.366
20MHz_30kHz_2679.99MHz_DFT-s-OFDM QPSK_RB50@0	18.052	18.391
30MHz_30kHz_2511MHz_CP-OFDM 16 QAM_RB78@0	27.840	28.484
30MHz_30kHz_2511MHz_CP-OFDM 256 QAM_RB78@0	27.842	28.43
30MHz_30kHz_2511MHz_CP-OFDM 64 QAM_RB78@0	27.804	28.486
30MHz_30kHz_2511MHz_CP-OFDM QPSK_RB78@0	27.796	28.495
30MHz_30kHz_2511MHz_DFT-s-OFDM 16 QAM_RB75@0	27.493	27.447
30MHz_30kHz_2511MHz_DFT-s-OFDM 256 QAM_RB75@0	27.553	27.423

Mode	99% OBW (MHz)	EBW (MHz)
30MHz_30kHz_2511MHz_DFT-s-OFDM 64 QAM_RB75@0	27.541	27.548
30MHz_30kHz_2511MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	27.492	27.482
30MHz_30kHz_2511MHz_DFT-s-OFDM QPSK_RB75@0	27.547	27.388
30MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB78@0	27.845	28.46
30MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB78@0	27.794	28.433
30MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB78@0	27.794	28.471
30MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB78@0	27.805	28.508
30MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB75@0	27.542	27.497
30MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB75@0	27.548	27.494
30MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB75@0	27.486	27.464
30MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	27.435	27.456
30MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB75@0	27.499	27.381
30MHz_30kHz_2674.98MHz_CP-OFDM 16 QAM_RB78@0	27.854	28.579
30MHz_30kHz_2674.98MHz_CP-OFDM 256 QAM_RB78@0	27.804	28.439
30MHz_30kHz_2674.98MHz_CP-OFDM 64 QAM_RB78@0	27.806	28.53
30MHz_30kHz_2674.98MHz_CP-OFDM QPSK_RB78@0	27.808	28.592
30MHz_30kHz_2674.98MHz_DFT-s-OFDM 16 QAM_RB75@0	27.617	27.483
30MHz_30kHz_2674.98MHz_DFT-s-OFDM 256 QAM_RB75@0	27.689	27.415
30MHz_30kHz_2674.98MHz_DFT-s-OFDM 64 QAM_RB75@0	27.630	27.399
30MHz_30kHz_2674.98MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	27.611	27.41
30MHz_30kHz_2674.98MHz_DFT-s-OFDM QPSK_RB75@0	27.673	27.439
40MHz_30kHz_2516.01MHz_CP-OFDM 16 QAM_RB106@0	37.720	38.517
40MHz_30kHz_2516.01MHz_CP-OFDM 256 QAM_RB106@0	37.781	38.64
40MHz_30kHz_2516.01MHz_CP-OFDM 64 QAM_RB106@0	37.762	38.618
40MHz_30kHz_2516.01MHz_CP-OFDM QPSK_RB106@0	37.732	38.603
40MHz_30kHz_2516.01MHz_DFT-s-OFDM 16 QAM_RB100@0	37.409	36.371
40MHz_30kHz_2516.01MHz_DFT-s-OFDM 256 QAM_RB100@0	37.501	36.358
40MHz_30kHz_2516.01MHz_DFT-s-OFDM 64 QAM_RB100@0	37.506	36.503
40MHz_30kHz_2516.01MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	37.451	36.475
40MHz_30kHz_2516.01MHz_DFT-s-OFDM QPSK_RB100@0	37.443	36.507
40MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB106@0	37.725	38.553
40MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB106@0	37.780	38.523
40MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB106@0	37.767	38.496
40MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB106@0	37.773	38.544
40MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB100@0	37.338	36.411
40MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB100@0	37.301	36.421
40MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB100@0	37.340	36.331

Mode	99% OBW (MHz)	EBW (MHz)
40MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	37.356	36.344
40MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB100@0	37.404	36.399
40MHz_30kHz_2670MHz_CP-OFDM 16 QAM_RB106@0	37.774	38.479
40MHz_30kHz_2670MHz_CP-OFDM 256 QAM_RB106@0	37.823	38.56
40MHz_30kHz_2670MHz_CP-OFDM 64 QAM_RB106@0	37.778	38.587
40MHz_30kHz_2670MHz_CP-OFDM QPSK_RB106@0	37.784	38.526
40MHz_30kHz_2670MHz_DFT-s-OFDM 16 QAM_RB100@0	37.612	36.391
40MHz_30kHz_2670MHz_DFT-s-OFDM 256 QAM_RB100@0	37.463	36.385
40MHz_30kHz_2670MHz_DFT-s-OFDM 64 QAM_RB100@0	37.515	36.393
40MHz_30kHz_2670MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	37.660	36.512
40MHz_30kHz_2670MHz_DFT-s-OFDM QPSK_RB100@0	37.551	36.394
50MHz_30kHz_2521.02MHz_CP-OFDM 16 QAM_RB133@0	47.354	48.304
50MHz_30kHz_2521.02MHz_CP-OFDM 256 QAM_RB133@0	47.373	48.346
50MHz_30kHz_2521.02MHz_CP-OFDM 64 QAM_RB133@0	47.367	48.372
50MHz_30kHz_2521.02MHz_CP-OFDM QPSK_RB133@0	47.359	48.364
50MHz_30kHz_2521.02MHz_DFT-s-OFDM 16 QAM_RB128@0	46.761	46.42
50MHz_30kHz_2521.02MHz_DFT-s-OFDM 256 QAM_RB128@0	46.813	46.457
50MHz_30kHz_2521.02MHz_DFT-s-OFDM 64 QAM_RB128@0	46.867	46.483
50MHz_30kHz_2521.02MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	46.951	46.382
50MHz_30kHz_2521.02MHz_DFT-s-OFDM QPSK_RB128@0	46.900	46.524
50MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB133@0	47.366	48.282
50MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB133@0	47.413	48.31
50MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB133@0	47.406	48.297
50MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB133@0	47.400	48.429
50MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB128@0	46.774	46.433
50MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB128@0	46.817	46.42
50MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB128@0	46.869	46.545
50MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	46.866	46.463
50MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB128@0	46.971	46.566
50MHz_30kHz_2664.99MHz_CP-OFDM 16 QAM_RB133@0	47.422	48.173
50MHz_30kHz_2664.99MHz_CP-OFDM 256 QAM_RB133@0	47.456	48.217
50MHz_30kHz_2664.99MHz_CP-OFDM 64 QAM_RB133@0	47.417	48.337
50MHz_30kHz_2664.99MHz_CP-OFDM QPSK_RB133@0	47.411	48.339
50MHz_30kHz_2664.99MHz_DFT-s-OFDM 16 QAM_RB128@0	47.065	46.417
50MHz_30kHz_2664.99MHz_DFT-s-OFDM 256 QAM_RB128@0	47.067	46.539
50MHz_30kHz_2664.99MHz_DFT-s-OFDM 64 QAM_RB128@0	47.161	46.343

Mode	99% OBW (MHz)	EBW (MHz)
50MHz_30kHz_2664.99MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	47.124	46.485
50MHz_30kHz_2664.99MHz_DFT-s-OFDM QPSK_RB128@0	47.216	46.509
60MHz_30kHz_2526MHz_CP-OFDM 16 QAM_RB162@0	57.726	58.648
60MHz_30kHz_2526MHz_CP-OFDM 256 QAM_RB162@0	57.683	58.633
60MHz_30kHz_2526MHz_CP-OFDM 64 QAM_RB162@0	57.674	58.785
60MHz_30kHz_2526MHz_CP-OFDM QPSK_RB162@0	57.672	58.778
60MHz_30kHz_2526MHz_DFT-s-OFDM 16 QAM_RB162@0	57.746	58.698
60MHz_30kHz_2526MHz_DFT-s-OFDM 256 QAM_RB162@0	57.688	58.668
60MHz_30kHz_2526MHz_DFT-s-OFDM 64 QAM_RB162@0	57.687	58.776
60MHz_30kHz_2526MHz_DFT-s-OFDM PI/2 BPSK_RB162@0	57.725	58.809
60MHz_30kHz_2526MHz_DFT-s-OFDM QPSK_RB162@0	57.685	58.633
60MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB162@0	57.732	58.635
60MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB162@0	57.720	58.622
60MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB162@0	57.680	58.709
60MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB162@0	57.689	58.76
60MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB162@0	57.782	58.666
60MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB162@0	57.724	58.679
60MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB162@0	57.722	58.733
60MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB162@0	57.729	58.755
60MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB162@0	57.684	58.636
60MHz_30kHz_2659.98MHz_CP-OFDM 16 QAM_RB162@0	57.744	58.744
60MHz_30kHz_2659.98MHz_CP-OFDM 256 QAM_RB162@0	57.739	58.621
60MHz_30kHz_2659.98MHz_CP-OFDM 64 QAM_RB162@0	57.683	58.624
60MHz_30kHz_2659.98MHz_CP-OFDM QPSK_RB162@0	57.729	58.747
60MHz_30kHz_2659.98MHz_DFT-s-OFDM 16 QAM_RB162@0	57.727	58.679
60MHz_30kHz_2659.98MHz_DFT-s-OFDM 256 QAM_RB162@0	57.739	58.697
60MHz_30kHz_2659.98MHz_DFT-s-OFDM 64 QAM_RB162@0	57.729	58.713
60MHz_30kHz_2659.98MHz_DFT-s-OFDM PI/2 BPSK_RB162@0	57.737	58.789
60MHz_30kHz_2659.98MHz_DFT-s-OFDM QPSK_RB162@0	57.724	58.698
80MHz_30kHz_2536.02MHz_CP-OFDM 16 QAM_RB217@0	77.343	78.656
80MHz_30kHz_2536.02MHz_CP-OFDM 256 QAM_RB217@0	77.348	78.603
80MHz_30kHz_2536.02MHz_CP-OFDM 64 QAM_RB217@0	77.342	78.614
80MHz_30kHz_2536.02MHz_CP-OFDM QPSK_RB217@0	77.351	78.588
80MHz_30kHz_2536.02MHz_DFT-s-OFDM 16 QAM_RB216@0	76.823	78.148
80MHz_30kHz_2536.02MHz_DFT-s-OFDM 256 QAM_RB216@0	76.910	78.135
80MHz_30kHz_2536.02MHz_DFT-s-OFDM 64 QAM_RB216@0	76.922	78.144

Mode	99% OBW (MHz)	EBW (MHz)
80MHz_30kHz_2536.02MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	76.932	78.215
80MHz_30kHz_2536.02MHz_DFT-s-OFDM QPSK_RB216@0	76.973	78.22
80MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB217@0	77.293	78.52
80MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB217@0	77.296	78.467
80MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB217@0	77.289	78.48
80MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB217@0	77.295	78.491
80MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB216@0	76.757	78.146
80MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB216@0	76.826	78.075
80MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB216@0	76.862	78.14
80MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	76.858	78.137
80MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB216@0	76.913	78.081
80MHz_30kHz_2649.99MHz_CP-OFDM 16 QAM_RB217@0	77.289	78.623
80MHz_30kHz_2649.99MHz_CP-OFDM 256 QAM_RB217@0	77.294	78.544
80MHz_30kHz_2649.99MHz_CP-OFDM 64 QAM_RB217@0	77.288	78.56
80MHz_30kHz_2649.99MHz_CP-OFDM QPSK_RB217@0	77.299	78.47
80MHz_30kHz_2649.99MHz_DFT-s-OFDM 16 QAM_RB216@0	76.871	78.11
80MHz_30kHz_2649.99MHz_DFT-s-OFDM 256 QAM_RB216@0	76.928	78.098
80MHz_30kHz_2649.99MHz_DFT-s-OFDM 64 QAM_RB216@0	76.972	78.134
80MHz_30kHz_2649.99MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	77.017	78.183
80MHz_30kHz_2649.99MHz_DFT-s-OFDM QPSK_RB216@0	77.032	78.078
90MHz_30kHz_2541MHz_CP-OFDM 16 QAM_RB245@0	87.313	88.629
90MHz_30kHz_2541MHz_CP-OFDM 256 QAM_RB245@0	87.318	88.643
90MHz_30kHz_2541MHz_CP-OFDM 64 QAM_RB245@0	87.308	88.535
90MHz_30kHz_2541MHz_CP-OFDM QPSK_RB245@0	87.320	88.574
90MHz_30kHz_2541MHz_DFT-s-OFDM 16 QAM_RB243@0	86.465	87.951
90MHz_30kHz_2541MHz_DFT-s-OFDM 256 QAM_RB243@0	86.429	87.911
90MHz_30kHz_2541MHz_DFT-s-OFDM 64 QAM_RB243@0	86.536	87.93
90MHz_30kHz_2541MHz_DFT-s-OFDM PI/2 BPSK_RB243@0	86.477	87.825
90MHz_30kHz_2541MHz_DFT-s-OFDM QPSK_RB243@0	86.413	87.914
90MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB245@0	87.255	88.493
90MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB245@0	87.242	88.606
90MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB245@0	87.209	88.467
90MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB245@0	87.250	88.446
90MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB243@0	86.370	87.895
90MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB243@0	86.355	87.857
90MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB243@0	86.471	87.891

Mode	99% OBW (MHz)	EBW (MHz)
90MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB243@0	86.407	87.794
90MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB243@0	86.310	87.878
90MHz_30kHz_2644.98MHz_CP-OFDM 16 QAM_RB245@0	87.242	88.571
90MHz_30kHz_2644.98MHz_CP-OFDM 256 QAM_RB245@0	87.207	88.613
90MHz_30kHz_2644.98MHz_CP-OFDM 64 QAM_RB245@0	87.192	88.534
90MHz_30kHz_2644.98MHz_CP-OFDM QPSK_RB245@0	87.241	88.555
90MHz_30kHz_2644.98MHz_DFT-s-OFDM 16 QAM_RB243@0	86.668	87.83
90MHz_30kHz_2644.98MHz_DFT-s-OFDM 256 QAM_RB243@0	86.537	87.877
90MHz_30kHz_2644.98MHz_DFT-s-OFDM 64 QAM_RB243@0	86.548	87.782
90MHz_30kHz_2644.98MHz_DFT-s-OFDM PI/2 BPSK_RB243@0	86.586	87.811
90MHz_30kHz_2644.98MHz_DFT-s-OFDM QPSK_RB243@0	86.591	87.832
100MHz_30kHz_2546.01MHz_CP-OFDM 16 QAM_RB273@0	97.168	98.668
100MHz_30kHz_2546.01MHz_CP-OFDM 256 QAM_RB273@0	97.216	98.596
100MHz_30kHz_2546.01MHz_CP-OFDM 64 QAM_RB273@0	97.205	98.59
100MHz_30kHz_2546.01MHz_CP-OFDM QPSK_RB273@0	97.217	98.598
100MHz_30kHz_2546.01MHz_DFT-s-OFDM 16 QAM_RB270@0	95.896	97.539
100MHz_30kHz_2546.01MHz_DFT-s-OFDM 256 QAM_RB270@0	95.959	97.599
100MHz_30kHz_2546.01MHz_DFT-s-OFDM 64 QAM_RB270@0	95.906	97.673
100MHz_30kHz_2546.01MHz_DFT-s-OFDM PI/2 BPSK_RB270@0	95.902	97.564
100MHz_30kHz_2546.01MHz_DFT-s-OFDM QPSK_RB270@0	95.841	97.645
100MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB273@0	97.055	98.614
100MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB273@0	97.106	98.622
100MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB273@0	97.093	98.577
100MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB273@0	97.105	98.608
100MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB270@0	95.776	97.542
100MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB270@0	95.887	97.518
100MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB270@0	95.798	97.648
100MHz_30kHz_2592.99MHz_DFT-s-OFDM PI/2 BPSK_RB270@0	95.844	97.567
100MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB270@0	95.789	97.528
100MHz_30kHz_2640MHz_CP-OFDM 16 QAM_RB273@0	96.998	98.607
100MHz_30kHz_2640MHz_CP-OFDM 256 QAM_RB273@0	97.087	98.57
100MHz_30kHz_2640MHz_CP-OFDM 64 QAM_RB273@0	97.091	98.617
100MHz_30kHz_2640MHz_CP-OFDM QPSK_RB273@0	97.034	98.668
100MHz_30kHz_2640MHz_DFT-s-OFDM 16 QAM_RB270@0	96.000	97.516
100MHz_30kHz_2640MHz_DFT-s-OFDM 256 QAM_RB270@0	96.127	97.524

Mode	99% OBW (MHz)	EBW (MHz)
100MHz_30kHz_2640MHz_DFT-s-OFDM 64 QAM_RB270@0	96.070	97.614
100MHz_30kHz_2640MHz_DFT-s-OFDM PI/2 BPSK_RB270@0	96.132	97.635
100MHz_30kHz_2640MHz_DFT-s-OFDM QPSK_RB270@0	96.059	97.541

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Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_1712.5MHz_CP-OFDM 16 QAM_RB25@0	4.465	4.694
5MHz_15kHz_1712.5MHz_CP-OFDM 256 QAM_RB25@0	4.463	4.693
5MHz_15kHz_1712.5MHz_CP-OFDM 64 QAM_RB25@0	4.466	4.693
5MHz_15kHz_1712.5MHz_CP-OFDM QPSK_RB25@0	4.464	4.718
5MHz_15kHz_1712.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.467	4.711
5MHz_15kHz_1712.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.465	4.696
5MHz_15kHz_1712.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.465	4.679
5MHz_15kHz_1712.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.464	4.661
5MHz_15kHz_1712.5MHz_DFT-s-OFDM QPSK_RB25@0	4.464	4.668
5MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB25@0	4.466	4.678
5MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB25@0	4.464	4.647
5MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB25@0	4.465	4.68
5MHz_15kHz_1745MHz_CP-OFDM QPSK_RB25@0	4.464	4.701
5MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB25@0	4.463	4.702
5MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB25@0	4.465	4.692
5MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB25@0	4.462	4.693
5MHz_15kHz_1745MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.463	4.693
5MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB25@0	4.465	4.67
5MHz_15kHz_1777.5MHz_CP-OFDM 16 QAM_RB25@0	4.465	4.676
5MHz_15kHz_1777.5MHz_CP-OFDM 256 QAM_RB25@0	4.463	4.674
5MHz_15kHz_1777.5MHz_CP-OFDM 64 QAM_RB25@0	4.466	4.689
5MHz_15kHz_1777.5MHz_CP-OFDM QPSK_RB25@0	4.464	4.688
5MHz_15kHz_1777.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.465	4.687
5MHz_15kHz_1777.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.464	4.687
5MHz_15kHz_1777.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.465	4.677
5MHz_15kHz_1777.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.465	4.659
5MHz_15kHz_1777.5MHz_DFT-s-OFDM QPSK_RB25@0	4.465	4.664
10MHz_15kHz_1715MHz_CP-OFDM 16 QAM_RB52@0	9.281	9.546
10MHz_15kHz_1715MHz_CP-OFDM 256 QAM_RB52@0	9.284	9.583
10MHz_15kHz_1715MHz_CP-OFDM 64 QAM_RB52@0	9.281	9.569
10MHz_15kHz_1715MHz_CP-OFDM QPSK_RB52@0	9.283	9.583
10MHz_15kHz_1715MHz_DFT-s-OFDM 16 QAM_RB50@0	9.208	9.174
10MHz_15kHz_1715MHz_DFT-s-OFDM 256 QAM_RB50@0	9.178	9.218
10MHz_15kHz_1715MHz_DFT-s-OFDM 64 QAM_RB50@0	9.201	9.192
10MHz_15kHz_1715MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.203	9.173

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_15kHz_1715MHz_DFT-s-OFDM QPSK_RB50@0	9.174	9.191
10MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB52@0	9.285	9.538
10MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB52@0	9.284	9.609
10MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB52@0	9.282	9.56
10MHz_15kHz_1745MHz_CP-OFDM QPSK_RB52@0	9.285	9.619
10MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB50@0	9.211	9.238
10MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB50@0	9.214	9.241
10MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB50@0	9.211	9.237
10MHz_15kHz_1745MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.217	9.253
10MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB50@0	9.213	9.178
10MHz_15kHz_1775MHz_CP-OFDM 16 QAM_RB52@0	9.287	9.58
10MHz_15kHz_1775MHz_CP-OFDM 256 QAM_RB52@0	9.284	9.559
10MHz_15kHz_1775MHz_CP-OFDM 64 QAM_RB52@0	9.281	9.539
10MHz_15kHz_1775MHz_CP-OFDM QPSK_RB52@0	9.284	9.56
10MHz_15kHz_1775MHz_DFT-s-OFDM 16 QAM_RB50@0	9.240	9.226
10MHz_15kHz_1775MHz_DFT-s-OFDM 256 QAM_RB50@0	9.213	9.218
10MHz_15kHz_1775MHz_DFT-s-OFDM 64 QAM_RB50@0	9.214	9.198
10MHz_15kHz_1775MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.219	9.239
10MHz_15kHz_1775MHz_DFT-s-OFDM QPSK_RB50@0	9.241	9.242
15MHz_15kHz_1717.5MHz_CP-OFDM 16 QAM_RB79@0	14.103	14.429
15MHz_15kHz_1717.5MHz_CP-OFDM 256 QAM_RB79@0	14.068	14.447
15MHz_15kHz_1717.5MHz_CP-OFDM 64 QAM_RB79@0	14.106	14.452
15MHz_15kHz_1717.5MHz_CP-OFDM QPSK_RB79@0	14.102	14.419
15MHz_15kHz_1717.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.949	13.748
15MHz_15kHz_1717.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.927	13.738
15MHz_15kHz_1717.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.887	13.698
15MHz_15kHz_1717.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.928	13.766
15MHz_15kHz_1717.5MHz_DFT-s-OFDM QPSK_RB75@0	13.941	13.721
15MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB79@0	14.110	14.48
15MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB79@0	14.108	14.415
15MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB79@0	14.112	14.445
15MHz_15kHz_1745MHz_CP-OFDM QPSK_RB79@0	14.108	14.512
15MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB75@0	13.990	13.749
15MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB75@0	13.987	13.791
15MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB75@0	13.986	13.73
15MHz_15kHz_1745MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.989	13.734
15MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB75@0	13.984	13.742
15MHz_15kHz_1772.5MHz_CP-OFDM 16 QAM_RB79@0	14.107	14.462
15MHz_15kHz_1772.5MHz_CP-OFDM 256 QAM_RB79@0	14.105	14.407
15MHz_15kHz_1772.5MHz_CP-OFDM 64 QAM_RB79@0	14.110	14.418
15MHz_15kHz_1772.5MHz_CP-OFDM QPSK_RB79@0	14.103	14.42

Mode	99% OBW (MHz)	EBW (MHz)
15MHz_15kHz_1772.5MHz_DFT-s-OFDM 16 QAM_RB75@0	14.008	13.743
15MHz_15kHz_1772.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.985	13.777
15MHz_15kHz_1772.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.944	13.744
15MHz_15kHz_1772.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.987	13.705
15MHz_15kHz_1772.5MHz_DFT-s-OFDM QPSK_RB75@0	14.005	13.723
20MHz_15kHz_1720MHz_CP-OFDM 16 QAM_RB106@0	18.855	19.352
20MHz_15kHz_1720MHz_CP-OFDM 256 QAM_RB106@0	18.885	19.292
20MHz_15kHz_1720MHz_CP-OFDM 64 QAM_RB106@0	18.881	19.361
20MHz_15kHz_1720MHz_CP-OFDM QPSK_RB106@0	18.884	19.324
20MHz_15kHz_1720MHz_DFT-s-OFDM 16 QAM_RB100@0	18.685	18.261
20MHz_15kHz_1720MHz_DFT-s-OFDM 256 QAM_RB100@0	18.642	18.272
20MHz_15kHz_1720MHz_DFT-s-OFDM 64 QAM_RB100@0	18.734	18.26
20MHz_15kHz_1720MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.691	18.237
20MHz_15kHz_1720MHz_DFT-s-OFDM QPSK_RB100@0	18.620	18.259
20MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB106@0	18.924	19.333
20MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB106@0	18.920	19.366
20MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB106@0	18.895	19.355
20MHz_15kHz_1745MHz_CP-OFDM QPSK_RB106@0	18.920	19.379
20MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB100@0	18.767	18.262
20MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB100@0	18.779	18.288
20MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB100@0	18.840	18.315
20MHz_15kHz_1745MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.807	18.292
20MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB100@0	18.737	18.311
20MHz_15kHz_1770MHz_CP-OFDM 16 QAM_RB106@0	18.899	19.298
20MHz_15kHz_1770MHz_CP-OFDM 256 QAM_RB106@0	18.896	19.336
20MHz_15kHz_1770MHz_CP-OFDM 64 QAM_RB106@0	18.887	19.278
20MHz_15kHz_1770MHz_CP-OFDM QPSK_RB106@0	18.893	19.33
20MHz_15kHz_1770MHz_DFT-s-OFDM 16 QAM_RB100@0	18.772	18.25
20MHz_15kHz_1770MHz_DFT-s-OFDM 256 QAM_RB100@0	18.721	18.275
20MHz_15kHz_1770MHz_DFT-s-OFDM 64 QAM_RB100@0	18.729	18.265
20MHz_15kHz_1770MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.801	18.316
20MHz_15kHz_1770MHz_DFT-s-OFDM QPSK_RB100@0	18.731	18.295
25MHz_15kHz_1722.5MHz_CP-OFDM 16 QAM_RB133@0	23.673	24.182
25MHz_15kHz_1722.5MHz_CP-OFDM 256 QAM_RB133@0	23.701	24.151
25MHz_15kHz_1722.5MHz_CP-OFDM 64 QAM_RB133@0	23.702	24.167
25MHz_15kHz_1722.5MHz_CP-OFDM QPSK_RB133@0	23.674	24.167
25MHz_15kHz_1722.5MHz_DFT-s-OFDM 16 QAM_RB128@0	23.408	23.244
25MHz_15kHz_1722.5MHz_DFT-s-OFDM 256 QAM_RB128@0	23.405	23.203
25MHz_15kHz_1722.5MHz_DFT-s-OFDM 64 QAM_RB128@0	23.414	23.257
25MHz_15kHz_1722.5MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	23.453	23.195

Mode	99% OBW (MHz)	EBW (MHz)
25MHz_15kHz_1722.5MHz_DFT-s-OFDM QPSK_RB128@0	23.465	23.244
25MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB133@0	23.723	24.151
25MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB133@0	23.725	24.136
25MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB133@0	23.723	24.162
25MHz_15kHz_1745MHz_CP-OFDM QPSK_RB133@0	23.721	24.26
25MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB128@0	23.521	23.302
25MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB128@0	23.517	23.292
25MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB128@0	23.563	23.222
25MHz_15kHz_1745MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	23.561	23.323
25MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB128@0	23.571	23.258
25MHz_15kHz_1767.5MHz_CP-OFDM 16 QAM_RB133@0	23.712	24.196
25MHz_15kHz_1767.5MHz_CP-OFDM 256 QAM_RB133@0	23.711	24.167
25MHz_15kHz_1767.5MHz_CP-OFDM 64 QAM_RB133@0	23.714	24.215
25MHz_15kHz_1767.5MHz_CP-OFDM QPSK_RB133@0	23.711	24.22
25MHz_15kHz_1767.5MHz_DFT-s-OFDM 16 QAM_RB128@0	23.501	23.245
25MHz_15kHz_1767.5MHz_DFT-s-OFDM 256 QAM_RB128@0	23.521	23.313
25MHz_15kHz_1767.5MHz_DFT-s-OFDM 64 QAM_RB128@0	23.516	23.276
25MHz_15kHz_1767.5MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	23.521	23.243
25MHz_15kHz_1767.5MHz_DFT-s-OFDM QPSK_RB128@0	23.554	23.324
30MHz_15kHz_1725MHz_CP-OFDM 16 QAM_RB160@0	28.507	29.043
30MHz_15kHz_1725MHz_CP-OFDM 256 QAM_RB160@0	28.500	29.04
30MHz_15kHz_1725MHz_CP-OFDM 64 QAM_RB160@0	28.469	29.036
30MHz_15kHz_1725MHz_CP-OFDM QPSK_RB160@0	28.502	29.007
30MHz_15kHz_1725MHz_DFT-s-OFDM 16 QAM_RB160@0	28.510	29.022
30MHz_15kHz_1725MHz_DFT-s-OFDM 256 QAM_RB160@0	28.462	28.986
30MHz_15kHz_1725MHz_DFT-s-OFDM 64 QAM_RB160@0	28.510	28.972
30MHz_15kHz_1725MHz_DFT-s-OFDM PI/2 BPSK_RB160@0	28.457	28.984
30MHz_15kHz_1725MHz_DFT-s-OFDM QPSK_RB160@0	28.468	28.986
30MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB160@0	28.566	29.079
30MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB160@0	28.519	29.018
30MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB160@0	28.524	29.048
30MHz_15kHz_1745MHz_CP-OFDM QPSK_RB160@0	28.563	29.172
30MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB160@0	28.573	29.061
30MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB160@0	28.525	28.99
30MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB160@0	28.566	29.002
30MHz_15kHz_1745MHz_DFT-s-OFDM PI/2 BPSK_RB160@0	28.516	29.006
30MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB160@0	28.519	29.035
30MHz_15kHz_1765MHz_CP-OFDM 16 QAM_RB160@0	28.515	29.049
30MHz_15kHz_1765MHz_CP-OFDM 256 QAM_RB160@0	28.515	29.038
30MHz_15kHz_1765MHz_CP-OFDM 64 QAM_RB160@0	28.516	29.053

Mode	99% OBW (MHz)	EBW (MHz)
30MHz_15kHz_1765MHz_CP-OFDM QPSK_RB160@0	28.515	29.085
30MHz_15kHz_1765MHz_DFT-s-OFDM 16 QAM_RB160@0	28.510	28.982
30MHz_15kHz_1765MHz_DFT-s-OFDM 256 QAM_RB160@0	28.509	28.969
30MHz_15kHz_1765MHz_DFT-s-OFDM 64 QAM_RB160@0	28.521	29.023
30MHz_15kHz_1765MHz_DFT-s-OFDM PI/2 BPSK_RB160@0	28.500	29.001
30MHz_15kHz_1765MHz_DFT-s-OFDM QPSK_RB160@0	28.507	28.996
40MHz_15kHz_1730MHz_CP-OFDM 16 QAM_RB216@0	38.463	39.142
40MHz_15kHz_1730MHz_CP-OFDM 256 QAM_RB216@0	38.462	39.149
40MHz_15kHz_1730MHz_CP-OFDM 64 QAM_RB216@0	38.456	39.178
40MHz_15kHz_1730MHz_CP-OFDM QPSK_RB216@0	38.466	39.115
40MHz_15kHz_1730MHz_DFT-s-OFDM 16 QAM_RB216@0	38.476	39.143
40MHz_15kHz_1730MHz_DFT-s-OFDM 256 QAM_RB216@0	38.456	39.121
40MHz_15kHz_1730MHz_DFT-s-OFDM 64 QAM_RB216@0	38.455	39.138
40MHz_15kHz_1730MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	38.466	39.129
40MHz_15kHz_1730MHz_DFT-s-OFDM QPSK_RB216@0	38.470	39.089
40MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB216@0	38.532	39.2
40MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB216@0	38.528	39.183
40MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB216@0	38.532	39.172
40MHz_15kHz_1745MHz_CP-OFDM QPSK_RB216@0	38.526	39.195
40MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB216@0	38.515	39.168
40MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB216@0	38.525	39.126
40MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB216@0	38.522	39.148
40MHz_15kHz_1745MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	38.521	39.232
40MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB216@0	38.532	39.146
40MHz_15kHz_1760MHz_CP-OFDM 16 QAM_RB216@0	38.479	39.185
40MHz_15kHz_1760MHz_CP-OFDM 256 QAM_RB216@0	38.478	39.14
40MHz_15kHz_1760MHz_CP-OFDM 64 QAM_RB216@0	38.511	39.138
40MHz_15kHz_1760MHz_CP-OFDM QPSK_RB216@0	38.511	39.144
40MHz_15kHz_1760MHz_DFT-s-OFDM 16 QAM_RB216@0	38.468	39.139
40MHz_15kHz_1760MHz_DFT-s-OFDM 256 QAM_RB216@0	38.466	39.122
40MHz_15kHz_1760MHz_DFT-s-OFDM 64 QAM_RB216@0	38.468	39.135
40MHz_15kHz_1760MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	38.472	39.208
40MHz_15kHz_1760MHz_DFT-s-OFDM QPSK_RB216@0	38.512	39.163

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Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_2502.5MHz_CP-OFDM 16 QAM_RB25@0	4.461	4.675
5MHz_15kHz_2502.5MHz_CP-OFDM 256 QAM_RB25@0	4.464	4.681
5MHz_15kHz_2502.5MHz_CP-OFDM 64 QAM_RB25@0	4.463	4.664
5MHz_15kHz_2502.5MHz_CP-OFDM QPSK_RB25@0	4.464	4.715
5MHz_15kHz_2502.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.464	4.689
5MHz_15kHz_2502.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.448	4.686

Mode	99% OBW (MHz)	EBW (MHz)
5MHz_15kHz_2502.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.466	4.68
5MHz_15kHz_2502.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.465	4.667
5MHz_15kHz_2502.5MHz_DFT-s-OFDM QPSK_RB25@0	4.462	4.695
5MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB25@0	4.461	4.678
5MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB25@0	4.466	4.689
5MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB25@0	4.464	4.68
5MHz_15kHz_2535MHz_CP-OFDM QPSK_RB25@0	4.465	4.698
5MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB25@0	4.463	4.696
5MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB25@0	4.449	4.688
5MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB25@0	4.465	4.667
5MHz_15kHz_2535MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.464	4.687
5MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB25@0	4.464	4.709
5MHz_15kHz_2567.5MHz_CP-OFDM 16 QAM_RB25@0	4.461	4.657
5MHz_15kHz_2567.5MHz_CP-OFDM 256 QAM_RB25@0	4.466	4.686
5MHz_15kHz_2567.5MHz_CP-OFDM 64 QAM_RB25@0	4.466	4.685
5MHz_15kHz_2567.5MHz_CP-OFDM QPSK_RB25@0	4.465	4.714
5MHz_15kHz_2567.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.463	4.676
5MHz_15kHz_2567.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.463	4.697
5MHz_15kHz_2567.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.466	4.704
5MHz_15kHz_2567.5MHz_DFT-s-OFDM PI/2 BPSK_RB25@0	4.464	4.703
5MHz_15kHz_2567.5MHz_DFT-s-OFDM QPSK_RB25@0	4.464	4.71
10MHz_15kHz_2505MHz_CP-OFDM 16 QAM_RB52@0	9.283	9.644
10MHz_15kHz_2505MHz_CP-OFDM 256 QAM_RB52@0	9.280	9.56
10MHz_15kHz_2505MHz_CP-OFDM 64 QAM_RB52@0	9.281	9.572
10MHz_15kHz_2505MHz_CP-OFDM QPSK_RB52@0	9.283	9.549
10MHz_15kHz_2505MHz_DFT-s-OFDM 16 QAM_RB50@0	9.176	9.18
10MHz_15kHz_2505MHz_DFT-s-OFDM 256 QAM_RB50@0	9.202	9.244
10MHz_15kHz_2505MHz_DFT-s-OFDM 64 QAM_RB50@0	9.200	9.168
10MHz_15kHz_2505MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.178	9.202
10MHz_15kHz_2505MHz_DFT-s-OFDM QPSK_RB50@0	9.167	9.206
10MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB52@0	9.284	9.642
10MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB52@0	9.285	9.563
10MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB52@0	9.283	9.598
10MHz_15kHz_2535MHz_CP-OFDM QPSK_RB52@0	9.284	9.605
10MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB50@0	9.174	9.244
10MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB50@0	9.216	9.186
10MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB50@0	9.245	9.238
10MHz_15kHz_2535MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.213	9.214
10MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB50@0	9.214	9.221
10MHz_15kHz_2565MHz_CP-OFDM 16 QAM_RB52@0	9.286	9.587
10MHz_15kHz_2565MHz_CP-OFDM 256 QAM_RB52@0	9.292	9.589

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_15kHz_2565MHz_CP-OFDM 64 QAM_RB52@0	9.280	9.545
10MHz_15kHz_2565MHz_CP-OFDM QPSK_RB52@0	9.285	9.603
10MHz_15kHz_2565MHz_DFT-s-OFDM 16 QAM_RB50@0	9.205	9.197
10MHz_15kHz_2565MHz_DFT-s-OFDM 256 QAM_RB50@0	9.208	9.246
10MHz_15kHz_2565MHz_DFT-s-OFDM 64 QAM_RB50@0	9.207	9.203
10MHz_15kHz_2565MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.212	9.245
10MHz_15kHz_2565MHz_DFT-s-OFDM QPSK_RB50@0	9.202	9.199
15MHz_15kHz_2507.5MHz_CP-OFDM 16 QAM_RB79@0	14.109	14.473
15MHz_15kHz_2507.5MHz_CP-OFDM 256 QAM_RB79@0	14.102	14.448
15MHz_15kHz_2507.5MHz_CP-OFDM 64 QAM_RB79@0	14.100	14.421
15MHz_15kHz_2507.5MHz_CP-OFDM QPSK_RB79@0	14.105	14.49
15MHz_15kHz_2507.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.936	13.769
15MHz_15kHz_2507.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.942	13.743
15MHz_15kHz_2507.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.985	13.771
15MHz_15kHz_2507.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.937	13.773
15MHz_15kHz_2507.5MHz_DFT-s-OFDM QPSK_RB75@0	13.988	13.735
15MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB79@0	14.108	14.447
15MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB79@0	14.102	14.466
15MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB79@0	14.103	14.417
15MHz_15kHz_2535MHz_CP-OFDM QPSK_RB79@0	14.103	14.49
15MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB75@0	13.929	13.761
15MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB75@0	13.987	13.792
15MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB75@0	14.009	13.762
15MHz_15kHz_2535MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.948	13.69
15MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB75@0	13.999	13.725
15MHz_15kHz_2562.5MHz_CP-OFDM 16 QAM_RB79@0	14.109	14.446
15MHz_15kHz_2562.5MHz_CP-OFDM 256 QAM_RB79@0	14.102	14.457
15MHz_15kHz_2562.5MHz_CP-OFDM 64 QAM_RB79@0	14.102	14.414
15MHz_15kHz_2562.5MHz_CP-OFDM QPSK_RB79@0	14.103	14.418
15MHz_15kHz_2562.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.944	13.713
15MHz_15kHz_2562.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.987	13.715
15MHz_15kHz_2562.5MHz_DFT-s-OFDM 64 QAM_RB75@0	14.005	13.784
15MHz_15kHz_2562.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.940	13.703
15MHz_15kHz_2562.5MHz_DFT-s-OFDM QPSK_RB75@0	13.948	13.768
20MHz_15kHz_2510MHz_CP-OFDM 16 QAM_RB106@0	18.896	19.38
20MHz_15kHz_2510MHz_CP-OFDM 256 QAM_RB106@0	18.887	19.324
20MHz_15kHz_2510MHz_CP-OFDM 64 QAM_RB106@0	18.893	19.324
20MHz_15kHz_2510MHz_CP-OFDM QPSK_RB106@0	18.896	19.312
20MHz_15kHz_2510MHz_DFT-s-OFDM 16 QAM_RB100@0	18.651	18.304
20MHz_15kHz_2510MHz_DFT-s-OFDM 256 QAM_RB100@0	18.688	18.244

Mode	99% OBW (MHz)	EBW (MHz)
20MHz_15kHz_2510MHz_DFT-s-OFDM 64 QAM_RB100@0	18.724	18.315
20MHz_15kHz_2510MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.660	18.277
20MHz_15kHz_2510MHz_DFT-s-OFDM QPSK_RB100@0	18.653	18.281
20MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB106@0	18.886	19.31
20MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB106@0	18.892	19.314
20MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB106@0	18.889	19.361
20MHz_15kHz_2535MHz_CP-OFDM QPSK_RB106@0	18.890	19.32
20MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB100@0	18.723	18.285
20MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB100@0	18.727	18.267
20MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB100@0	18.772	18.29
20MHz_15kHz_2535MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.723	18.234
20MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB100@0	18.727	18.281
20MHz_15kHz_2560MHz_CP-OFDM 16 QAM_RB106@0	18.892	19.311
20MHz_15kHz_2560MHz_CP-OFDM 256 QAM_RB106@0	18.891	19.351
20MHz_15kHz_2560MHz_CP-OFDM 64 QAM_RB106@0	18.885	19.298
20MHz_15kHz_2560MHz_CP-OFDM QPSK_RB106@0	18.893	19.364
20MHz_15kHz_2560MHz_DFT-s-OFDM 16 QAM_RB100@0	18.721	18.316
20MHz_15kHz_2560MHz_DFT-s-OFDM 256 QAM_RB100@0	18.698	18.281
20MHz_15kHz_2560MHz_DFT-s-OFDM 64 QAM_RB100@0	18.737	18.269
20MHz_15kHz_2560MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.691	18.252
20MHz_15kHz_2560MHz_DFT-s-OFDM QPSK_RB100@0	18.684	18.301

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Mode	99% OBW (MHz)	EBW (MHz)
10MHz_15kHz_3455MHz_CP-OFDM 16 QAM_RB52@0	9.285	9.561
10MHz_15kHz_3455MHz_CP-OFDM 256 QAM_RB52@0	9.289	9.544
10MHz_15kHz_3455MHz_CP-OFDM 64 QAM_RB52@0	9.287	9.594
10MHz_15kHz_3455MHz_CP-OFDM QPSK_RB52@0	9.283	9.565
10MHz_15kHz_3455MHz_DFT-s-OFDM 16 QAM_RB50@0	9.207	9.24
10MHz_15kHz_3455MHz_DFT-s-OFDM 256 QAM_RB50@0	9.214	9.195
10MHz_15kHz_3455MHz_DFT-s-OFDM 64 QAM_RB50@0	9.219	9.194
10MHz_15kHz_3455MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.214	9.237
10MHz_15kHz_3455MHz_DFT-s-OFDM QPSK_RB50@0	9.203	9.215
10MHz_15kHz_3500MHz_CP-OFDM 16 QAM_RB52@0	9.259	9.566
10MHz_15kHz_3500MHz_CP-OFDM 256 QAM_RB52@0	9.289	9.564
10MHz_15kHz_3500MHz_CP-OFDM 64 QAM_RB52@0	9.288	9.611
10MHz_15kHz_3500MHz_CP-OFDM QPSK_RB52@0	9.284	9.571
10MHz_15kHz_3500MHz_DFT-s-OFDM 16 QAM_RB50@0	9.207	9.254
10MHz_15kHz_3500MHz_DFT-s-OFDM 256 QAM_RB50@0	9.175	9.235
10MHz_15kHz_3500MHz_DFT-s-OFDM 64 QAM_RB50@0	9.208	9.202
10MHz_15kHz_3500MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.214	9.248
10MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB50@0	9.203	9.211

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_15kHz_3545MHz_CP-OFDM 16 QAM_RB52@0	9.280	9.581
10MHz_15kHz_3545MHz_CP-OFDM 256 QAM_RB52@0	9.283	9.552
10MHz_15kHz_3545MHz_CP-OFDM 64 QAM_RB52@0	9.282	9.559
10MHz_15kHz_3545MHz_CP-OFDM QPSK_RB52@0	9.285	9.565
10MHz_15kHz_3545MHz_DFT-s-OFDM 16 QAM_RB50@0	9.205	9.211
10MHz_15kHz_3545MHz_DFT-s-OFDM 256 QAM_RB50@0	9.214	9.193
10MHz_15kHz_3545MHz_DFT-s-OFDM 64 QAM_RB50@0	9.220	9.204
10MHz_15kHz_3545MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.215	9.187
10MHz_15kHz_3545MHz_DFT-s-OFDM QPSK_RB50@0	9.209	9.194
10MHz_30kHz_3455MHz_CP-OFDM 16 QAM_RB24@0	8.566	9.062
10MHz_30kHz_3455MHz_CP-OFDM 256 QAM_RB24@0	8.571	9.033
10MHz_30kHz_3455MHz_CP-OFDM 64 QAM_RB24@0	8.569	9.042
10MHz_30kHz_3455MHz_CP-OFDM QPSK_RB24@0	8.567	9.106
10MHz_30kHz_3455MHz_DFT-s-OFDM 16 QAM_RB24@0	8.569	9.041
10MHz_30kHz_3455MHz_DFT-s-OFDM 256 QAM_RB24@0	8.578	8.975
10MHz_30kHz_3455MHz_DFT-s-OFDM 64 QAM_RB24@0	8.571	9.018
10MHz_30kHz_3455MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.568	9.018
10MHz_30kHz_3455MHz_DFT-s-OFDM QPSK_RB24@0	8.576	9.053
10MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB24@0	8.568	8.955
10MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB24@0	8.567	8.962
10MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB24@0	8.572	8.991
10MHz_30kHz_3500MHz_CP-OFDM QPSK_RB24@0	8.572	9.05
10MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB24@0	8.539	8.967
10MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB24@0	8.580	8.992
10MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB24@0	8.568	8.98
10MHz_30kHz_3500MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.569	8.992
10MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB24@0	8.571	8.962
10MHz_30kHz_3545MHz_CP-OFDM 16 QAM_RB24@0	8.573	9.094
10MHz_30kHz_3545MHz_CP-OFDM 256 QAM_RB24@0	8.570	9.009
10MHz_30kHz_3545MHz_CP-OFDM 64 QAM_RB24@0	8.576	9.025
10MHz_30kHz_3545MHz_CP-OFDM QPSK_RB24@0	8.570	9.077
10MHz_30kHz_3545MHz_DFT-s-OFDM 16 QAM_RB24@0	8.562	8.993
10MHz_30kHz_3545MHz_DFT-s-OFDM 256 QAM_RB24@0	8.602	9.024
10MHz_30kHz_3545MHz_DFT-s-OFDM 64 QAM_RB24@0	8.570	9.096
10MHz_30kHz_3545MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.570	9.057
10MHz_30kHz_3545MHz_DFT-s-OFDM QPSK_RB24@0	8.571	9.015
15MHz_15kHz_3457.5MHz_CP-OFDM 16 QAM_RB79@0	14.103	14.46
15MHz_15kHz_3457.5MHz_CP-OFDM 256 QAM_RB79@0	14.106	14.42
15MHz_15kHz_3457.5MHz_CP-OFDM 64 QAM_RB79@0	14.101	14.44
15MHz_15kHz_3457.5MHz_CP-OFDM QPSK_RB79@0	14.105	14.424
15MHz_15kHz_3457.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.949	13.722

Mode	99% OBW (MHz)	EBW (MHz)
15MHz_15kHz_3457.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.989	13.723
15MHz_15kHz_3457.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.943	13.753
15MHz_15kHz_3457.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.990	13.723
15MHz_15kHz_3457.5MHz_DFT-s-OFDM QPSK_RB75@0	13.992	13.781
15MHz_15kHz_3500MHz_CP-OFDM 16 QAM_RB79@0	14.103	14.439
15MHz_15kHz_3500MHz_CP-OFDM 256 QAM_RB79@0	14.103	14.381
15MHz_15kHz_3500MHz_CP-OFDM 64 QAM_RB79@0	14.069	14.432
15MHz_15kHz_3500MHz_CP-OFDM QPSK_RB79@0	14.106	14.465
15MHz_15kHz_3500MHz_DFT-s-OFDM 16 QAM_RB75@0	13.992	13.766
15MHz_15kHz_3500MHz_DFT-s-OFDM 256 QAM_RB75@0	14.003	13.719
15MHz_15kHz_3500MHz_DFT-s-OFDM 64 QAM_RB75@0	13.946	13.757
15MHz_15kHz_3500MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.940	13.746
15MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB75@0	13.947	13.729
15MHz_15kHz_3542.5MHz_CP-OFDM 16 QAM_RB79@0	14.070	14.418
15MHz_15kHz_3542.5MHz_CP-OFDM 256 QAM_RB79@0	14.101	14.384
15MHz_15kHz_3542.5MHz_CP-OFDM 64 QAM_RB79@0	14.102	14.436
15MHz_15kHz_3542.5MHz_CP-OFDM QPSK_RB79@0	14.102	14.466
15MHz_15kHz_3542.5MHz_DFT-s-OFDM 16 QAM_RB75@0	14.049	13.729
15MHz_15kHz_3542.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.991	13.714
15MHz_15kHz_3542.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.935	13.73
15MHz_15kHz_3542.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.993	13.753
15MHz_15kHz_3542.5MHz_DFT-s-OFDM QPSK_RB75@0	13.992	13.753
15MHz_30kHz_3457.5MHz_CP-OFDM 16 QAM_RB38@0	13.568	14.051
15MHz_30kHz_3457.5MHz_CP-OFDM 256 QAM_RB38@0	13.566	14.104
15MHz_30kHz_3457.5MHz_CP-OFDM 64 QAM_RB38@0	13.568	14.067
15MHz_30kHz_3457.5MHz_CP-OFDM QPSK_RB38@0	13.565	14.058
15MHz_30kHz_3457.5MHz_DFT-s-OFDM 16 QAM_RB36@0	13.410	13.353
15MHz_30kHz_3457.5MHz_DFT-s-OFDM 256 QAM_RB36@0	13.456	13.341
15MHz_30kHz_3457.5MHz_DFT-s-OFDM 64 QAM_RB36@0	13.460	13.316
15MHz_30kHz_3457.5MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.470	13.415
15MHz_30kHz_3457.5MHz_DFT-s-OFDM QPSK_RB36@0	13.505	13.359
15MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB38@0	13.567	14.1
15MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB38@0	13.561	14.039
15MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB38@0	13.567	14.018
15MHz_30kHz_3500MHz_CP-OFDM QPSK_RB38@0	13.565	14.047
15MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB36@0	13.440	13.305
15MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB36@0	13.458	13.307
15MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB36@0	13.518	13.399
15MHz_30kHz_3500MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.469	13.287
15MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB36@0	13.501	13.319

Mode	99% OBW (MHz)	EBW (MHz)
15MHz_30kHz_3542.5MHz_CP-OFDM 16 QAM_RB38@0	13.571	14.087
15MHz_30kHz_3542.5MHz_CP-OFDM 256 QAM_RB38@0	13.568	14.102
15MHz_30kHz_3542.5MHz_CP-OFDM 64 QAM_RB38@0	13.568	14.046
15MHz_30kHz_3542.5MHz_CP-OFDM QPSK_RB38@0	13.566	14.075
15MHz_30kHz_3542.5MHz_DFT-s-OFDM 16 QAM_RB36@0	13.444	13.358
15MHz_30kHz_3542.5MHz_DFT-s-OFDM 256 QAM_RB36@0	13.505	13.342
15MHz_30kHz_3542.5MHz_DFT-s-OFDM 64 QAM_RB36@0	13.510	13.366
15MHz_30kHz_3542.5MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.505	13.372
15MHz_30kHz_3542.5MHz_DFT-s-OFDM QPSK_RB36@0	13.442	13.376
20MHz_15kHz_3460MHz_CP-OFDM 16 QAM_RB106@0	18.885	19.287
20MHz_15kHz_3460MHz_CP-OFDM 256 QAM_RB106@0	18.895	19.332
20MHz_15kHz_3460MHz_CP-OFDM 64 QAM_RB106@0	18.895	19.32
20MHz_15kHz_3460MHz_CP-OFDM QPSK_RB106@0	18.891	19.343
20MHz_15kHz_3460MHz_DFT-s-OFDM 16 QAM_RB100@0	18.722	18.277
20MHz_15kHz_3460MHz_DFT-s-OFDM 256 QAM_RB100@0	18.771	18.262
20MHz_15kHz_3460MHz_DFT-s-OFDM 64 QAM_RB100@0	18.721	18.251
20MHz_15kHz_3460MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.764	18.309
20MHz_15kHz_3460MHz_DFT-s-OFDM QPSK_RB100@0	18.697	18.293
20MHz_15kHz_3500MHz_CP-OFDM 16 QAM_RB106@0	18.885	19.326
20MHz_15kHz_3500MHz_CP-OFDM 256 QAM_RB106@0	18.895	19.396
20MHz_15kHz_3500MHz_CP-OFDM 64 QAM_RB106@0	18.895	19.292
20MHz_15kHz_3500MHz_CP-OFDM QPSK_RB106@0	18.891	19.328
20MHz_15kHz_3500MHz_DFT-s-OFDM 16 QAM_RB100@0	18.734	18.272
20MHz_15kHz_3500MHz_DFT-s-OFDM 256 QAM_RB100@0	18.770	18.22
20MHz_15kHz_3500MHz_DFT-s-OFDM 64 QAM_RB100@0	18.699	18.269
20MHz_15kHz_3500MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.775	18.241
20MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB100@0	18.721	18.291
20MHz_15kHz_3540MHz_CP-OFDM 16 QAM_RB106@0	18.891	19.296
20MHz_15kHz_3540MHz_CP-OFDM 256 QAM_RB106@0	18.895	19.369
20MHz_15kHz_3540MHz_CP-OFDM 64 QAM_RB106@0	18.894	19.313
20MHz_15kHz_3540MHz_CP-OFDM QPSK_RB106@0	18.892	19.368
20MHz_15kHz_3540MHz_DFT-s-OFDM 16 QAM_RB100@0	18.725	18.319
20MHz_15kHz_3540MHz_DFT-s-OFDM 256 QAM_RB100@0	18.721	18.266
20MHz_15kHz_3540MHz_DFT-s-OFDM 64 QAM_RB100@0	18.699	18.241
20MHz_15kHz_3540MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.769	18.285
20MHz_15kHz_3540MHz_DFT-s-OFDM QPSK_RB100@0	18.691	18.329
20MHz_30kHz_3460MHz_CP-OFDM 16 QAM_RB51@0	18.179	18.802
20MHz_30kHz_3460MHz_CP-OFDM 256 QAM_RB51@0	18.203	18.756
20MHz_30kHz_3460MHz_CP-OFDM 64 QAM_RB51@0	18.178	18.669
20MHz_30kHz_3460MHz_CP-OFDM QPSK_RB51@0	18.177	18.663
20MHz_30kHz_3460MHz_DFT-s-OFDM 16 QAM_RB50@0	18.008	18.327

Mode	99% OBW (MHz)	EBW (MHz)
20MHz_30kHz_3460MHz_DFT-s-OFDM 256 QAM_RB50@0	18.051	18.371
20MHz_30kHz_3460MHz_DFT-s-OFDM 64 QAM_RB50@0	18.086	18.299
20MHz_30kHz_3460MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	18.043	18.435
20MHz_30kHz_3460MHz_DFT-s-OFDM QPSK_RB50@0	17.976	18.352
20MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB51@0	18.201	18.679
20MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB51@0	18.180	18.731
20MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB51@0	18.175	18.731
20MHz_30kHz_3500MHz_CP-OFDM QPSK_RB51@0	18.177	18.707
20MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB50@0	17.967	18.381
20MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB50@0	18.016	18.379
20MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB50@0	18.055	18.373
20MHz_30kHz_3500MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	18.040	18.39
20MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB50@0	18.014	18.376
20MHz_30kHz_3540MHz_CP-OFDM 16 QAM_RB51@0	18.178	18.825
20MHz_30kHz_3540MHz_CP-OFDM 256 QAM_RB51@0	18.179	18.703
20MHz_30kHz_3540MHz_CP-OFDM 64 QAM_RB51@0	18.180	18.839
20MHz_30kHz_3540MHz_CP-OFDM QPSK_RB51@0	18.176	18.81
20MHz_30kHz_3540MHz_DFT-s-OFDM 16 QAM_RB50@0	17.970	18.337
20MHz_30kHz_3540MHz_DFT-s-OFDM 256 QAM_RB50@0	18.019	18.338
20MHz_30kHz_3540MHz_DFT-s-OFDM 64 QAM_RB50@0	18.059	18.456
20MHz_30kHz_3540MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	18.041	18.328
20MHz_30kHz_3540MHz_DFT-s-OFDM QPSK_RB50@0	18.012	18.334
30MHz_15kHz_3465MHz_CP-OFDM 16 QAM_RB160@0	28.521	29.04
30MHz_15kHz_3465MHz_CP-OFDM 256 QAM_RB160@0	28.526	29.031
30MHz_15kHz_3465MHz_CP-OFDM 64 QAM_RB160@0	28.513	29.069
30MHz_15kHz_3465MHz_CP-OFDM QPSK_RB160@0	28.517	29.057
30MHz_15kHz_3465MHz_DFT-s-OFDM 16 QAM_RB160@0	28.510	28.985
30MHz_15kHz_3465MHz_DFT-s-OFDM 256 QAM_RB160@0	28.502	28.977
30MHz_15kHz_3465MHz_DFT-s-OFDM 64 QAM_RB160@0	28.504	29.02
30MHz_15kHz_3465MHz_DFT-s-OFDM PI/2 BPSK_RB160@0	28.520	29.012
30MHz_15kHz_3465MHz_DFT-s-OFDM QPSK_RB160@0	28.510	29.001
30MHz_15kHz_3500MHz_CP-OFDM 16 QAM_RB160@0	28.523	29.094
30MHz_15kHz_3500MHz_CP-OFDM 256 QAM_RB160@0	28.515	29.08
30MHz_15kHz_3500MHz_CP-OFDM 64 QAM_RB160@0	28.514	29.021
30MHz_15kHz_3500MHz_CP-OFDM QPSK_RB160@0	28.516	29.033
30MHz_15kHz_3500MHz_DFT-s-OFDM 16 QAM_RB160@0	28.562	29.027
30MHz_15kHz_3500MHz_DFT-s-OFDM 256 QAM_RB160@0	28.501	28.986
30MHz_15kHz_3500MHz_DFT-s-OFDM 64 QAM_RB160@0	28.523	29.016
30MHz_15kHz_3500MHz_DFT-s-OFDM PI/2 BPSK_RB160@0	28.519	29.002
30MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB160@0	28.508	28.961
30MHz_15kHz_3535MHz_CP-OFDM 16 QAM_RB160@0	28.518	29.088

Mode	99% OBW (MHz)	EBW (MHz)
30MHz_15kHz_3535MHz_CP-OFDM 256 QAM_RB160@0	28.515	29.057
30MHz_15kHz_3535MHz_CP-OFDM 64 QAM_RB160@0	28.529	29.06
30MHz_15kHz_3535MHz_CP-OFDM QPSK_RB160@0	28.520	29.101
30MHz_15kHz_3535MHz_DFT-s-OFDM 16 QAM_RB160@0	28.511	29.001
30MHz_15kHz_3535MHz_DFT-s-OFDM 256 QAM_RB160@0	28.521	29.029
30MHz_15kHz_3535MHz_DFT-s-OFDM 64 QAM_RB160@0	28.511	28.999
30MHz_15kHz_3535MHz_DFT-s-OFDM PI/2 BPSK_RB160@0	28.519	29.002
30MHz_15kHz_3535MHz_DFT-s-OFDM QPSK_RB160@0	28.521	29.055
40MHz_15kHz_3470MHz_CP-OFDM 16 QAM_RB216@0	38.470	39.12
40MHz_15kHz_3470MHz_CP-OFDM 256 QAM_RB216@0	38.510	39.14
40MHz_15kHz_3470MHz_CP-OFDM 64 QAM_RB216@0	38.475	39.147
40MHz_15kHz_3470MHz_CP-OFDM QPSK_RB216@0	38.508	39.189
40MHz_15kHz_3470MHz_DFT-s-OFDM 16 QAM_RB216@0	38.462	39.154
40MHz_15kHz_3470MHz_DFT-s-OFDM 256 QAM_RB216@0	38.478	39.121
40MHz_15kHz_3470MHz_DFT-s-OFDM 64 QAM_RB216@0	38.514	39.14
40MHz_15kHz_3470MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	38.517	39.113
40MHz_15kHz_3470MHz_DFT-s-OFDM QPSK_RB216@0	38.516	39.133
40MHz_15kHz_3500MHz_CP-OFDM 16 QAM_RB216@0	38.474	39.145
40MHz_15kHz_3500MHz_CP-OFDM 256 QAM_RB216@0	38.511	39.128
40MHz_15kHz_3500MHz_CP-OFDM 64 QAM_RB216@0	38.479	39.118
40MHz_15kHz_3500MHz_CP-OFDM QPSK_RB216@0	38.509	39.159
40MHz_15kHz_3500MHz_DFT-s-OFDM 16 QAM_RB216@0	38.473	39.14
40MHz_15kHz_3500MHz_DFT-s-OFDM 256 QAM_RB216@0	38.509	39.133
40MHz_15kHz_3500MHz_DFT-s-OFDM 64 QAM_RB216@0	38.511	39.123
40MHz_15kHz_3500MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	38.473	39.193
40MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB216@0	38.513	39.124
40MHz_15kHz_3530MHz_CP-OFDM 16 QAM_RB216@0	38.514	39.164
40MHz_15kHz_3530MHz_CP-OFDM 256 QAM_RB216@0	38.479	39.115
40MHz_15kHz_3530MHz_CP-OFDM 64 QAM_RB216@0	38.478	39.214
40MHz_15kHz_3530MHz_CP-OFDM QPSK_RB216@0	38.508	39.173
40MHz_15kHz_3530MHz_DFT-s-OFDM 16 QAM_RB216@0	38.519	39.159
40MHz_15kHz_3530MHz_DFT-s-OFDM 256 QAM_RB216@0	38.479	39.114
40MHz_15kHz_3530MHz_DFT-s-OFDM 64 QAM_RB216@0	38.470	39.181
40MHz_15kHz_3530MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	38.524	39.136
40MHz_15kHz_3530MHz_DFT-s-OFDM QPSK_RB216@0	38.515	39.114
40MHz_30kHz_3470MHz_CP-OFDM 16 QAM_RB106@0	37.783	38.601
40MHz_30kHz_3470MHz_CP-OFDM 256 QAM_RB106@0	37.786	38.537
40MHz_30kHz_3470MHz_CP-OFDM 64 QAM_RB106@0	37.785	38.643
40MHz_30kHz_3470MHz_CP-OFDM QPSK_RB106@0	37.779	38.672
40MHz_30kHz_3470MHz_DFT-s-OFDM 16 QAM_RB100@0	37.339	36.389
40MHz_30kHz_3470MHz_DFT-s-OFDM 256 QAM_RB100@0	37.453	36.373

Mode	99% OBW (MHz)	EBW (MHz)
40MHz_30kHz_3470MHz_DFT-s-OFDM 64 QAM_RB100@0	37.393	36.388
40MHz_30kHz_3470MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	37.549	36.437
40MHz_30kHz_3470MHz_DFT-s-OFDM QPSK_RB100@0	37.506	36.443
40MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB106@0	37.780	38.578
40MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB106@0	37.778	38.523
40MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB106@0	37.783	38.528
40MHz_30kHz_3500MHz_CP-OFDM QPSK_RB106@0	37.778	38.528
40MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB100@0	37.339	36.478
40MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB100@0	37.463	36.376
40MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB100@0	37.554	36.395
40MHz_30kHz_3500MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	37.563	36.388
40MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB100@0	37.391	36.387
40MHz_30kHz_3530MHz_CP-OFDM 16 QAM_RB106@0	37.780	38.589
40MHz_30kHz_3530MHz_CP-OFDM 256 QAM_RB106@0	37.784	38.616
40MHz_30kHz_3530MHz_CP-OFDM 64 QAM_RB106@0	37.784	38.63
40MHz_30kHz_3530MHz_CP-OFDM QPSK_RB106@0	37.780	38.614
40MHz_30kHz_3530MHz_DFT-s-OFDM 16 QAM_RB100@0	37.349	36.358
40MHz_30kHz_3530MHz_DFT-s-OFDM 256 QAM_RB100@0	37.497	36.424
40MHz_30kHz_3530MHz_DFT-s-OFDM 64 QAM_RB100@0	37.554	36.465
40MHz_30kHz_3530MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	37.505	36.486
40MHz_30kHz_3530MHz_DFT-s-OFDM QPSK_RB100@0	37.519	36.445
50MHz_15kHz_3475MHz_CP-OFDM 16 QAM_RB270@0	48.112	48.876
50MHz_15kHz_3475MHz_CP-OFDM 256 QAM_RB270@0	48.113	48.879
50MHz_15kHz_3475MHz_CP-OFDM 64 QAM_RB270@0	48.115	48.863
50MHz_15kHz_3475MHz_CP-OFDM QPSK_RB270@0	48.115	48.912
50MHz_15kHz_3475MHz_DFT-s-OFDM 16 QAM_RB270@0	48.115	48.843
50MHz_15kHz_3475MHz_DFT-s-OFDM 256 QAM_RB270@0	48.121	48.807
50MHz_15kHz_3475MHz_DFT-s-OFDM 64 QAM_RB270@0	48.152	48.9
50MHz_15kHz_3475MHz_DFT-s-OFDM PI/2 BPSK_RB270@0	48.123	48.84
50MHz_15kHz_3475MHz_DFT-s-OFDM QPSK_RB270@0	48.074	48.846
50MHz_15kHz_3500MHz_CP-OFDM 16 QAM_RB270@0	48.112	48.898
50MHz_15kHz_3500MHz_CP-OFDM 256 QAM_RB270@0	48.110	48.851
50MHz_15kHz_3500MHz_CP-OFDM 64 QAM_RB270@0	48.115	48.845
50MHz_15kHz_3500MHz_CP-OFDM QPSK_RB270@0	48.107	48.923
50MHz_15kHz_3500MHz_DFT-s-OFDM 16 QAM_RB270@0	48.121	48.836
50MHz_15kHz_3500MHz_DFT-s-OFDM 256 QAM_RB270@0	48.101	48.808
50MHz_15kHz_3500MHz_DFT-s-OFDM 64 QAM_RB270@0	48.158	48.8
50MHz_15kHz_3500MHz_DFT-s-OFDM PI/2 BPSK_RB270@0	48.122	48.899
50MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB270@0	48.124	48.839
50MHz_15kHz_3525MHz_CP-OFDM 16 QAM_RB270@0	48.117	48.834
50MHz_15kHz_3525MHz_CP-OFDM 256 QAM_RB270@0	48.111	48.926

Mode	99% OBW (MHz)	EBW (MHz)
50MHz_15kHz_3525MHz_CP-OFDM 64 QAM_RB270@0	48.119	48.892
50MHz_15kHz_3525MHz_CP-OFDM QPSK_RB270@0	48.113	48.956
50MHz_15kHz_3525MHz_DFT-s-OFDM 16 QAM_RB270@0	48.113	48.866
50MHz_15kHz_3525MHz_DFT-s-OFDM 256 QAM_RB270@0	48.104	48.849
50MHz_15kHz_3525MHz_DFT-s-OFDM 64 QAM_RB270@0	48.160	48.887
50MHz_15kHz_3525MHz_DFT-s-OFDM PI/2 BPSK_RB270@0	48.160	48.837
50MHz_15kHz_3525MHz_DFT-s-OFDM QPSK_RB270@0	48.158	48.85
50MHz_30kHz_3475MHz_CP-OFDM 16 QAM_RB133@0	47.410	48.36
50MHz_30kHz_3475MHz_CP-OFDM 256 QAM_RB133@0	47.355	48.303
50MHz_30kHz_3475MHz_CP-OFDM 64 QAM_RB133@0	47.407	48.491
50MHz_30kHz_3475MHz_CP-OFDM QPSK_RB133@0	47.401	48.484
50MHz_30kHz_3475MHz_DFT-s-OFDM 16 QAM_RB128@0	46.914	46.431
50MHz_30kHz_3475MHz_DFT-s-OFDM 256 QAM_RB128@0	47.019	46.571
50MHz_30kHz_3475MHz_DFT-s-OFDM 64 QAM_RB128@0	47.004	46.502
50MHz_30kHz_3475MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	47.020	46.382
50MHz_30kHz_3475MHz_DFT-s-OFDM QPSK_RB128@0	47.012	46.354
50MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB133@0	47.403	48.36
50MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB133@0	47.352	48.351
50MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB133@0	47.405	48.287
50MHz_30kHz_3500MHz_CP-OFDM QPSK_RB133@0	47.402	48.25
50MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB128@0	46.910	46.469
50MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB128@0	47.054	46.498
50MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB128@0	47.005	46.502
50MHz_30kHz_3500MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	47.013	46.448
50MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB128@0	47.014	46.417
50MHz_30kHz_3525MHz_CP-OFDM 16 QAM_RB133@0	47.415	48.348
50MHz_30kHz_3525MHz_CP-OFDM 256 QAM_RB133@0	47.362	48.242
50MHz_30kHz_3525MHz_CP-OFDM 64 QAM_RB133@0	47.408	48.352
50MHz_30kHz_3525MHz_CP-OFDM QPSK_RB133@0	47.408	48.403
50MHz_30kHz_3525MHz_DFT-s-OFDM 16 QAM_RB128@0	46.918	46.554
50MHz_30kHz_3525MHz_DFT-s-OFDM 256 QAM_RB128@0	47.065	46.467
50MHz_30kHz_3525MHz_DFT-s-OFDM 64 QAM_RB128@0	47.059	46.465
50MHz_30kHz_3525MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	47.057	46.436
50MHz_30kHz_3525MHz_DFT-s-OFDM QPSK_RB128@0	47.068	46.386
60MHz_30kHz_3480MHz_CP-OFDM 16 QAM_RB162@0	57.686	58.694
60MHz_30kHz_3480MHz_CP-OFDM 256 QAM_RB162@0	57.740	58.77
60MHz_30kHz_3480MHz_CP-OFDM 64 QAM_RB162@0	57.688	58.754
60MHz_30kHz_3480MHz_CP-OFDM QPSK_RB162@0	57.730	58.701
60MHz_30kHz_3480MHz_DFT-s-OFDM 16 QAM_RB162@0	57.731	58.685
60MHz_30kHz_3480MHz_DFT-s-OFDM 256 QAM_RB162@0	57.665	58.698
60MHz_30kHz_3480MHz_DFT-s-OFDM 64 QAM_RB162@0	57.728	58.719

Mode	99% OBW (MHz)	EBW (MHz)
60MHz_30kHz_3480MHz_DFT-s-OFDM PI/2 BPSK_RB162@0	57.723	58.81
60MHz_30kHz_3480MHz_DFT-s-OFDM QPSK_RB162@0	57.729	58.707
60MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB162@0	57.685	58.702
60MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB162@0	57.734	58.713
60MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB162@0	57.720	58.762
60MHz_30kHz_3500MHz_CP-OFDM QPSK_RB162@0	57.730	58.73
60MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB162@0	57.733	58.699
60MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB162@0	57.629	58.718
60MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB162@0	57.726	58.679
60MHz_30kHz_3500MHz_DFT-s-OFDM PI/2 BPSK_RB162@0	57.720	58.748
60MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB162@0	57.738	58.709
60MHz_30kHz_3520MHz_CP-OFDM 16 QAM_RB162@0	57.725	58.759
60MHz_30kHz_3520MHz_CP-OFDM 256 QAM_RB162@0	57.741	58.719
60MHz_30kHz_3520MHz_CP-OFDM 64 QAM_RB162@0	57.727	58.765
60MHz_30kHz_3520MHz_CP-OFDM QPSK_RB162@0	57.734	58.689
60MHz_30kHz_3520MHz_DFT-s-OFDM 16 QAM_RB162@0	57.740	58.699
60MHz_30kHz_3520MHz_DFT-s-OFDM 256 QAM_RB162@0	57.668	58.756
60MHz_30kHz_3520MHz_DFT-s-OFDM 64 QAM_RB162@0	57.726	58.672
60MHz_30kHz_3520MHz_DFT-s-OFDM PI/2 BPSK_RB162@0	57.726	58.711
60MHz_30kHz_3520MHz_DFT-s-OFDM QPSK_RB162@0	57.743	58.737
70MHz_30kHz_3485MHz_CP-OFDM 16 QAM_RB189@0	67.326	68.431
70MHz_30kHz_3485MHz_CP-OFDM 256 QAM_RB189@0	67.330	68.368
70MHz_30kHz_3485MHz_CP-OFDM 64 QAM_RB189@0	67.376	68.398
70MHz_30kHz_3485MHz_CP-OFDM QPSK_RB189@0	67.331	68.456
70MHz_30kHz_3485MHz_DFT-s-OFDM 16 QAM_RB180@0	66.708	65.066
70MHz_30kHz_3485MHz_DFT-s-OFDM 256 QAM_RB180@0	66.696	65.122
70MHz_30kHz_3485MHz_DFT-s-OFDM 64 QAM_RB180@0	66.753	65.18
70MHz_30kHz_3485MHz_DFT-s-OFDM PI/2 BPSK_RB180@0	66.824	65.11
70MHz_30kHz_3485MHz_DFT-s-OFDM QPSK_RB180@0	66.819	65.184
70MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB189@0	67.326	68.328
70MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB189@0	67.328	68.345
70MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB189@0	67.373	68.489
70MHz_30kHz_3500MHz_CP-OFDM QPSK_RB189@0	67.341	68.498
70MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB180@0	66.748	65.055
70MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB180@0	66.711	65.141
70MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB180@0	66.821	65.166
70MHz_30kHz_3500MHz_DFT-s-OFDM PI/2 BPSK_RB180@0	66.865	65.104
70MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB180@0	66.941	65.237
70MHz_30kHz_3515MHz_CP-OFDM 16 QAM_RB189@0	67.330	68.359
70MHz_30kHz_3515MHz_CP-OFDM 256 QAM_RB189@0	67.338	68.383
70MHz_30kHz_3515MHz_CP-OFDM 64 QAM_RB189@0	67.381	68.365

Mode	99% OBW (MHz)	EBW (MHz)
70MHz_30kHz_3515MHz_CP-OFDM QPSK_RB189@0	67.383	68.456
70MHz_30kHz_3515MHz_DFT-s-OFDM 16 QAM_RB180@0	66.981	65.181
70MHz_30kHz_3515MHz_DFT-s-OFDM 256 QAM_RB180@0	66.885	65.03
70MHz_30kHz_3515MHz_DFT-s-OFDM 64 QAM_RB180@0	66.820	65.166
70MHz_30kHz_3515MHz_DFT-s-OFDM PI/2 BPSK_RB180@0	66.883	65.193
70MHz_30kHz_3515MHz_DFT-s-OFDM QPSK_RB180@0	66.861	65.145
80MHz_30kHz_3490MHz_CP-OFDM 16 QAM_RB217@0	77.289	78.484
80MHz_30kHz_3490MHz_CP-OFDM 256 QAM_RB217@0	77.290	78.445
80MHz_30kHz_3490MHz_CP-OFDM 64 QAM_RB217@0	77.303	78.569
80MHz_30kHz_3490MHz_CP-OFDM QPSK_RB217@0	77.305	78.628
80MHz_30kHz_3490MHz_DFT-s-OFDM 16 QAM_RB216@0	76.921	78.176
80MHz_30kHz_3490MHz_DFT-s-OFDM 256 QAM_RB216@0	77.015	78.159
80MHz_30kHz_3490MHz_DFT-s-OFDM 64 QAM_RB216@0	76.967	78.133
80MHz_30kHz_3490MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	76.978	78.126
80MHz_30kHz_3490MHz_DFT-s-OFDM QPSK_RB216@0	76.929	78.238
80MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB217@0	77.295	78.46
80MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB217@0	77.288	78.473
80MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB217@0	77.304	78.573
80MHz_30kHz_3500MHz_CP-OFDM QPSK_RB217@0	77.299	78.605
80MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB216@0	76.930	78.188
80MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB216@0	77.015	78.123
80MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB216@0	76.933	78.29
80MHz_30kHz_3500MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	76.961	78.138
80MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB216@0	76.931	78.118
80MHz_30kHz_3510MHz_CP-OFDM 16 QAM_RB217@0	77.299	78.523
80MHz_30kHz_3510MHz_CP-OFDM 256 QAM_RB217@0	77.294	78.452
80MHz_30kHz_3510MHz_CP-OFDM 64 QAM_RB217@0	77.337	78.609
80MHz_30kHz_3510MHz_CP-OFDM QPSK_RB217@0	77.336	78.617
80MHz_30kHz_3510MHz_DFT-s-OFDM 16 QAM_RB216@0	76.928	78.132
80MHz_30kHz_3510MHz_DFT-s-OFDM 256 QAM_RB216@0	77.023	78.183
80MHz_30kHz_3510MHz_DFT-s-OFDM 64 QAM_RB216@0	76.972	78.165
80MHz_30kHz_3510MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	76.972	78.175
80MHz_30kHz_3510MHz_DFT-s-OFDM QPSK_RB216@0	76.976	78.246
90MHz_30kHz_3495MHz_CP-OFDM 16 QAM_RB245@0	87.261	88.623
90MHz_30kHz_3495MHz_CP-OFDM 256 QAM_RB245@0	87.245	88.545
90MHz_30kHz_3495MHz_CP-OFDM 64 QAM_RB245@0	87.203	88.559
90MHz_30kHz_3495MHz_CP-OFDM QPSK_RB245@0	87.258	88.626
90MHz_30kHz_3495MHz_DFT-s-OFDM 16 QAM_RB243@0	86.521	87.835
90MHz_30kHz_3495MHz_DFT-s-OFDM 256 QAM_RB243@0	86.546	87.917
90MHz_30kHz_3495MHz_DFT-s-OFDM 64 QAM_RB243@0	86.598	87.789
90MHz_30kHz_3495MHz_DFT-s-OFDM PI/2 BPSK_RB243@0	86.606	87.891

Mode	99% OBW (MHz)	EBW (MHz)
90MHz_30kHz_3495MHz_DFT-s-OFDM QPSK_RB243@0	86.545	87.85
90MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB245@0	87.245	88.688
90MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB245@0	87.205	88.468
90MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB245@0	87.190	88.54
90MHz_30kHz_3500MHz_CP-OFDM QPSK_RB245@0	87.245	88.592
90MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB243@0	86.485	87.823
90MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB243@0	86.537	87.864
90MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB243@0	86.599	87.862
90MHz_30kHz_3500MHz_DFT-s-OFDM PI/2 BPSK_RB243@0	86.597	87.892
90MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB243@0	86.533	87.847
90MHz_30kHz_3505MHz_CP-OFDM 16 QAM_RB245@0	87.253	88.644
90MHz_30kHz_3505MHz_CP-OFDM 256 QAM_RB245@0	87.240	88.623
90MHz_30kHz_3505MHz_CP-OFDM 64 QAM_RB245@0	87.198	88.632
90MHz_30kHz_3505MHz_CP-OFDM QPSK_RB245@0	87.258	88.554
90MHz_30kHz_3505MHz_DFT-s-OFDM 16 QAM_RB243@0	86.520	87.971
90MHz_30kHz_3505MHz_DFT-s-OFDM 256 QAM_RB243@0	86.546	87.84
90MHz_30kHz_3505MHz_DFT-s-OFDM 64 QAM_RB243@0	86.605	87.97
90MHz_30kHz_3505MHz_DFT-s-OFDM PI/2 BPSK_RB243@0	86.606	87.861
90MHz_30kHz_3505MHz_DFT-s-OFDM QPSK_RB243@0	86.544	87.777
100MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB273@0	97.102	98.638
100MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB273@0	97.170	98.7
100MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB273@0	97.091	98.64
100MHz_30kHz_3500MHz_CP-OFDM QPSK_RB273@0	97.090	98.69
100MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB270@0	96.119	97.557
100MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB270@0	96.121	97.544
100MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB270@0	96.232	97.636
100MHz_30kHz_3500MHz_DFT-s-OFDM PI/2 BPSK_RB270@0	96.127	97.545
100MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB270@0	95.952	97.529

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Mode	99% OBW (MHz)	EBW (MHz)
10MHz_15kHz_3705MHz_CP-OFDM 16 QAM_RB52@0	9.285	9.592
10MHz_15kHz_3705MHz_CP-OFDM 256 QAM_RB52@0	9.285	9.543
10MHz_15kHz_3705MHz_CP-OFDM 64 QAM_RB52@0	9.281	9.574
10MHz_15kHz_3705MHz_CP-OFDM QPSK_RB52@0	9.283	9.579
10MHz_15kHz_3705MHz_DFT-s-OFDM 16 QAM_RB50@0	9.212	9.148
10MHz_15kHz_3705MHz_DFT-s-OFDM 256 QAM_RB50@0	9.206	9.215
10MHz_15kHz_3705MHz_DFT-s-OFDM 64 QAM_RB50@0	9.218	9.263
10MHz_15kHz_3705MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.215	9.151
10MHz_15kHz_3705MHz_DFT-s-OFDM QPSK_RB50@0	9.209	9.202
10MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB52@0	9.286	9.594

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB52@0	9.283	9.537
10MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB52@0	9.284	9.588
10MHz_15kHz_3840MHz_CP-OFDM QPSK_RB52@0	9.286	9.561
10MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB50@0	9.201	9.247
10MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB50@0	9.206	9.273
10MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB50@0	9.215	9.182
10MHz_15kHz_3840MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.213	9.277
10MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB50@0	9.211	9.286
10MHz_15kHz_3975MHz_CP-OFDM 16 QAM_RB52@0	9.286	9.587
10MHz_15kHz_3975MHz_CP-OFDM 256 QAM_RB52@0	9.286	9.579
10MHz_15kHz_3975MHz_CP-OFDM 64 QAM_RB52@0	9.286	9.565
10MHz_15kHz_3975MHz_CP-OFDM QPSK_RB52@0	9.286	9.591
10MHz_15kHz_3975MHz_DFT-s-OFDM 16 QAM_RB50@0	9.241	9.215
10MHz_15kHz_3975MHz_DFT-s-OFDM 256 QAM_RB50@0	9.207	9.179
10MHz_15kHz_3975MHz_DFT-s-OFDM 64 QAM_RB50@0	9.178	9.227
10MHz_15kHz_3975MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	9.178	9.186
10MHz_15kHz_3975MHz_DFT-s-OFDM QPSK_RB50@0	9.220	9.247
10MHz_30kHz_3705MHz_CP-OFDM 16 QAM_RB24@0	8.568	8.968
10MHz_30kHz_3705MHz_CP-OFDM 256 QAM_RB24@0	8.570	9.078
10MHz_30kHz_3705MHz_CP-OFDM 64 QAM_RB24@0	8.568	9.033
10MHz_30kHz_3705MHz_CP-OFDM QPSK_RB24@0	8.573	9.143
10MHz_30kHz_3705MHz_DFT-s-OFDM 16 QAM_RB24@0	8.571	9.016
10MHz_30kHz_3705MHz_DFT-s-OFDM 256 QAM_RB24@0	8.567	9.037
10MHz_30kHz_3705MHz_DFT-s-OFDM 64 QAM_RB24@0	8.568	8.959
10MHz_30kHz_3705MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.568	9.032
10MHz_30kHz_3705MHz_DFT-s-OFDM QPSK_RB24@0	8.575	8.95
10MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB24@0	8.566	8.998
10MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB24@0	8.564	8.973
10MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB24@0	8.574	9.004
10MHz_30kHz_3840MHz_CP-OFDM QPSK_RB24@0	8.569	9.014
10MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB24@0	8.577	9.023
10MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB24@0	8.563	8.97
10MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB24@0	8.572	9.117
10MHz_30kHz_3840MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.571	9.007
10MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB24@0	8.576	9.091
10MHz_30kHz_3975MHz_CP-OFDM 16 QAM_RB24@0	8.564	9.031
10MHz_30kHz_3975MHz_CP-OFDM 256 QAM_RB24@0	8.565	9.047
10MHz_30kHz_3975MHz_CP-OFDM 64 QAM_RB24@0	8.576	9.057
10MHz_30kHz_3975MHz_CP-OFDM QPSK_RB24@0	8.572	9.101
10MHz_30kHz_3975MHz_DFT-s-OFDM 16 QAM_RB24@0	8.574	9.077
10MHz_30kHz_3975MHz_DFT-s-OFDM 256 QAM_RB24@0	8.568	9.03

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_30kHz_3975MHz_DFT-s-OFDM 64 QAM_RB24@0	8.563	9.031
10MHz_30kHz_3975MHz_DFT-s-OFDM PI/2 BPSK_RB24@0	8.563	9.049
10MHz_30kHz_3975MHz_DFT-s-OFDM QPSK_RB24@0	8.570	9.069
15MHz_15kHz_3707.5MHz_CP-OFDM 16 QAM_RB79@0	14.103	14.407
15MHz_15kHz_3707.5MHz_CP-OFDM 256 QAM_RB79@0	14.103	14.415
15MHz_15kHz_3707.5MHz_CP-OFDM 64 QAM_RB79@0	14.111	14.462
15MHz_15kHz_3707.5MHz_CP-OFDM QPSK_RB79@0	14.102	14.496
15MHz_15kHz_3707.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.943	13.736
15MHz_15kHz_3707.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.996	13.699
15MHz_15kHz_3707.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.981	13.726
15MHz_15kHz_3707.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.997	13.776
15MHz_15kHz_3707.5MHz_DFT-s-OFDM QPSK_RB75@0	13.949	13.733
15MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB79@0	14.105	14.429
15MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB79@0	14.104	14.41
15MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB79@0	14.106	14.465
15MHz_15kHz_3840MHz_CP-OFDM QPSK_RB79@0	14.105	14.496
15MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB75@0	13.945	13.725
15MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB75@0	13.998	13.697
15MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB75@0	13.990	13.771
15MHz_15kHz_3840MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	14.001	13.786
15MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB75@0	13.984	13.747
15MHz_15kHz_3972.5MHz_CP-OFDM 16 QAM_RB79@0	14.104	14.442
15MHz_15kHz_3972.5MHz_CP-OFDM 256 QAM_RB79@0	14.104	14.45
15MHz_15kHz_3972.5MHz_CP-OFDM 64 QAM_RB79@0	14.112	14.47
15MHz_15kHz_3972.5MHz_CP-OFDM QPSK_RB79@0	14.106	14.488
15MHz_15kHz_3972.5MHz_DFT-s-OFDM 16 QAM_RB75@0	13.945	13.766
15MHz_15kHz_3972.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.992	13.751
15MHz_15kHz_3972.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.991	13.73
15MHz_15kHz_3972.5MHz_DFT-s-OFDM PI/2 BPSK_RB75@0	13.993	13.728
15MHz_15kHz_3972.5MHz_DFT-s-OFDM QPSK_RB75@0	13.985	13.741
15MHz_30kHz_3707.5MHz_CP-OFDM 16 QAM_RB38@0	13.566	14.056
15MHz_30kHz_3707.5MHz_CP-OFDM 256 QAM_RB38@0	13.574	14.032
15MHz_30kHz_3707.5MHz_CP-OFDM 64 QAM_RB38@0	13.567	14.037
15MHz_30kHz_3707.5MHz_CP-OFDM QPSK_RB38@0	13.567	14.047
15MHz_30kHz_3707.5MHz_DFT-s-OFDM 16 QAM_RB36@0	13.448	13.422
15MHz_30kHz_3707.5MHz_DFT-s-OFDM 256 QAM_RB36@0	13.466	13.318
15MHz_30kHz_3707.5MHz_DFT-s-OFDM 64 QAM_RB36@0	13.503	13.424
15MHz_30kHz_3707.5MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.505	13.475
15MHz_30kHz_3707.5MHz_DFT-s-OFDM QPSK_RB36@0	13.402	13.379
15MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB38@0	13.565	14.054

Mode	99% OBW (MHz)	EBW (MHz)
15MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB38@0	13.572	14.099
15MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB38@0	13.565	14.07
15MHz_30kHz_3840MHz_CP-OFDM QPSK_RB38@0	13.569	14.086
15MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB36@0	13.456	13.358
15MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB36@0	13.459	13.403
15MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB36@0	13.516	13.358
15MHz_30kHz_3840MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.394	13.281
15MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB36@0	13.464	13.355
15MHz_30kHz_3972.5MHz_CP-OFDM 16 QAM_RB38@0	13.574	14.142
15MHz_30kHz_3972.5MHz_CP-OFDM 256 QAM_RB38@0	13.575	14.122
15MHz_30kHz_3972.5MHz_CP-OFDM 64 QAM_RB38@0	13.578	14.112
15MHz_30kHz_3972.5MHz_CP-OFDM QPSK_RB38@0	13.568	14.045
15MHz_30kHz_3972.5MHz_DFT-s-OFDM 16 QAM_RB36@0	13.453	13.304
15MHz_30kHz_3972.5MHz_DFT-s-OFDM 256 QAM_RB36@0	13.502	13.362
15MHz_30kHz_3972.5MHz_DFT-s-OFDM 64 QAM_RB36@0	13.514	13.43
15MHz_30kHz_3972.5MHz_DFT-s-OFDM PI/2 BPSK_RB36@0	13.511	13.53
15MHz_30kHz_3972.5MHz_DFT-s-OFDM QPSK_RB36@0	13.407	13.411
20MHz_15kHz_3710MHz_CP-OFDM 16 QAM_RB106@0	18.891	19.297
20MHz_15kHz_3710MHz_CP-OFDM 256 QAM_RB106@0	18.893	19.371
20MHz_15kHz_3710MHz_CP-OFDM 64 QAM_RB106@0	18.921	19.357
20MHz_15kHz_3710MHz_CP-OFDM QPSK_RB106@0	18.891	19.339
20MHz_15kHz_3710MHz_DFT-s-OFDM 16 QAM_RB100@0	18.739	18.291
20MHz_15kHz_3710MHz_DFT-s-OFDM 256 QAM_RB100@0	18.698	18.248
20MHz_15kHz_3710MHz_DFT-s-OFDM 64 QAM_RB100@0	18.697	18.252
20MHz_15kHz_3710MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.698	18.261
20MHz_15kHz_3710MHz_DFT-s-OFDM QPSK_RB100@0	18.763	18.279
20MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB106@0	18.893	19.315
20MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB106@0	18.893	19.389
20MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB106@0	18.922	19.33
20MHz_15kHz_3840MHz_CP-OFDM QPSK_RB106@0	18.893	19.313
20MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB100@0	18.657	18.243
20MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB100@0	18.764	18.275
20MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB100@0	18.740	18.264
20MHz_15kHz_3840MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.700	18.349
20MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB100@0	18.735	18.332
20MHz_15kHz_3970MHz_CP-OFDM 16 QAM_RB106@0	18.925	19.301
20MHz_15kHz_3970MHz_CP-OFDM 256 QAM_RB106@0	18.894	19.346
20MHz_15kHz_3970MHz_CP-OFDM 64 QAM_RB106@0	18.920	19.335
20MHz_15kHz_3970MHz_CP-OFDM QPSK_RB106@0	18.892	19.409
20MHz_15kHz_3970MHz_DFT-s-OFDM 16 QAM_RB100@0	18.767	18.326
20MHz_15kHz_3970MHz_DFT-s-OFDM 256 QAM_RB100@0	18.699	18.237

Mode	99% OBW (MHz)	EBW (MHz)
20MHz_15kHz_3970MHz_DFT-s-OFDM 64 QAM_RB100@0	18.740	18.287
20MHz_15kHz_3970MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	18.779	18.343
20MHz_15kHz_3970MHz_DFT-s-OFDM QPSK_RB100@0	18.736	18.308
20MHz_30kHz_3710MHz_CP-OFDM 16 QAM_RB51@0	18.204	18.815
20MHz_30kHz_3710MHz_CP-OFDM 256 QAM_RB51@0	18.177	18.731
20MHz_30kHz_3710MHz_CP-OFDM 64 QAM_RB51@0	18.172	18.654
20MHz_30kHz_3710MHz_CP-OFDM QPSK_RB51@0	18.176	18.761
20MHz_30kHz_3710MHz_DFT-s-OFDM 16 QAM_RB50@0	18.011	18.416
20MHz_30kHz_3710MHz_DFT-s-OFDM 256 QAM_RB50@0	18.009	18.285
20MHz_30kHz_3710MHz_DFT-s-OFDM 64 QAM_RB50@0	18.004	18.301
20MHz_30kHz_3710MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	18.048	18.357
20MHz_30kHz_3710MHz_DFT-s-OFDM QPSK_RB50@0	18.045	18.259
20MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB51@0	18.204	18.715
20MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB51@0	18.177	18.799
20MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB51@0	18.174	18.75
20MHz_30kHz_3840MHz_CP-OFDM QPSK_RB51@0	18.201	18.814
20MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB50@0	18.005	18.446
20MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB50@0	18.014	18.245
20MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB50@0	18.123	18.314
20MHz_30kHz_3840MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	18.017	18.318
20MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB50@0	18.010	18.301
20MHz_30kHz_3970MHz_CP-OFDM 16 QAM_RB51@0	18.208	18.7
20MHz_30kHz_3970MHz_CP-OFDM 256 QAM_RB51@0	18.174	18.715
20MHz_30kHz_3970MHz_CP-OFDM 64 QAM_RB51@0	18.171	18.7
20MHz_30kHz_3970MHz_CP-OFDM QPSK_RB51@0	18.179	18.86
20MHz_30kHz_3970MHz_DFT-s-OFDM 16 QAM_RB50@0	18.010	18.384
20MHz_30kHz_3970MHz_DFT-s-OFDM 256 QAM_RB50@0	18.018	18.35
20MHz_30kHz_3970MHz_DFT-s-OFDM 64 QAM_RB50@0	18.018	18.381
20MHz_30kHz_3970MHz_DFT-s-OFDM PI/2 BPSK_RB50@0	18.018	18.279
20MHz_30kHz_3970MHz_DFT-s-OFDM QPSK_RB50@0	18.053	18.305
30MHz_15kHz_3715MHz_CP-OFDM 16 QAM_RB160@0	28.517	29.07
30MHz_15kHz_3715MHz_CP-OFDM 256 QAM_RB160@0	28.519	29.146
30MHz_15kHz_3715MHz_CP-OFDM 64 QAM_RB160@0	28.521	29.055
30MHz_15kHz_3715MHz_CP-OFDM QPSK_RB160@0	28.518	29.088
30MHz_15kHz_3715MHz_DFT-s-OFDM 16 QAM_RB160@0	28.522	28.974
30MHz_15kHz_3715MHz_DFT-s-OFDM 256 QAM_RB160@0	28.505	29.037
30MHz_15kHz_3715MHz_DFT-s-OFDM 64 QAM_RB160@0	28.519	29.093
30MHz_15kHz_3715MHz_DFT-s-OFDM PI/2 BPSK_RB160@0	28.525	29.044
30MHz_15kHz_3715MHz_DFT-s-OFDM QPSK_RB160@0	28.500	28.994
30MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB160@0	28.523	29.044
30MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB160@0	28.517	29.097

Mode	99% OBW (MHz)	EBW (MHz)
30MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB160@0	28.519	29.018
30MHz_15kHz_3840MHz_CP-OFDM QPSK_RB160@0	28.519	29.1
30MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB160@0	28.508	28.98
30MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB160@0	28.516	29.053
30MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB160@0	28.515	29.044
30MHz_15kHz_3840MHz_DFT-s-OFDM PI/2 BPSK_RB160@0	28.525	29.056
30MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB160@0	28.517	28.984
30MHz_15kHz_3965MHz_CP-OFDM 16 QAM_RB160@0	28.524	29.078
30MHz_15kHz_3965MHz_CP-OFDM 256 QAM_RB160@0	28.519	29.027
30MHz_15kHz_3965MHz_CP-OFDM 64 QAM_RB160@0	28.522	29.062
30MHz_15kHz_3965MHz_CP-OFDM QPSK_RB160@0	28.519	29.049
30MHz_15kHz_3965MHz_DFT-s-OFDM 16 QAM_RB160@0	28.512	29.013
30MHz_15kHz_3965MHz_DFT-s-OFDM 256 QAM_RB160@0	28.518	29.052
30MHz_15kHz_3965MHz_DFT-s-OFDM 64 QAM_RB160@0	28.521	29.066
30MHz_15kHz_3965MHz_DFT-s-OFDM PI/2 BPSK_RB160@0	28.517	29.047
30MHz_15kHz_3965MHz_DFT-s-OFDM QPSK_RB160@0	28.517	29.005
40MHz_15kHz_3720MHz_CP-OFDM 16 QAM_RB216@0	38.513	39.146
40MHz_15kHz_3720MHz_CP-OFDM 256 QAM_RB216@0	38.516	39.134
40MHz_15kHz_3720MHz_CP-OFDM 64 QAM_RB216@0	38.467	39.12
40MHz_15kHz_3720MHz_CP-OFDM QPSK_RB216@0	38.509	39.213
40MHz_15kHz_3720MHz_DFT-s-OFDM 16 QAM_RB216@0	38.479	39.126
40MHz_15kHz_3720MHz_DFT-s-OFDM 256 QAM_RB216@0	38.520	39.132
40MHz_15kHz_3720MHz_DFT-s-OFDM 64 QAM_RB216@0	38.479	39.169
40MHz_15kHz_3720MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	38.519	39.175
40MHz_15kHz_3720MHz_DFT-s-OFDM QPSK_RB216@0	38.509	39.103
40MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB216@0	38.517	39.096
40MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB216@0	38.515	39.149
40MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB216@0	38.467	39.066
40MHz_15kHz_3840MHz_CP-OFDM QPSK_RB216@0	38.508	39.134
40MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB216@0	38.479	39.112
40MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB216@0	38.510	39.089
40MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB216@0	38.514	39.042
40MHz_15kHz_3840MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	38.508	39.135
40MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB216@0	38.514	39.096
40MHz_15kHz_3960MHz_CP-OFDM 16 QAM_RB216@0	38.509	39.189
40MHz_15kHz_3960MHz_CP-OFDM 256 QAM_RB216@0	38.514	39.117
40MHz_15kHz_3960MHz_CP-OFDM 64 QAM_RB216@0	38.512	39.176
40MHz_15kHz_3960MHz_CP-OFDM QPSK_RB216@0	38.510	39.186
40MHz_15kHz_3960MHz_DFT-s-OFDM 16 QAM_RB216@0	38.465	39.127
40MHz_15kHz_3960MHz_DFT-s-OFDM 256 QAM_RB216@0	38.509	39.175
40MHz_15kHz_3960MHz_DFT-s-OFDM 64 QAM_RB216@0	38.513	39.178

Mode	99% OBW (MHz)	EBW (MHz)
40MHz_15kHz_3960MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	38.520	39.129
40MHz_15kHz_3960MHz_DFT-s-OFDM QPSK_RB216@0	38.480	39.065
40MHz_30kHz_3720MHz_CP-OFDM 16 QAM_RB106@0	37.776	38.568
40MHz_30kHz_3720MHz_CP-OFDM 256 QAM_RB106@0	37.833	38.621
40MHz_30kHz_3720MHz_CP-OFDM 64 QAM_RB106@0	37.781	38.603
40MHz_30kHz_3720MHz_CP-OFDM QPSK_RB106@0	37.774	38.523
40MHz_30kHz_3720MHz_DFT-s-OFDM 16 QAM_RB100@0	37.390	36.448
40MHz_30kHz_3720MHz_DFT-s-OFDM 256 QAM_RB100@0	37.498	36.423
40MHz_30kHz_3720MHz_DFT-s-OFDM 64 QAM_RB100@0	37.339	36.33
40MHz_30kHz_3720MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	37.394	36.505
40MHz_30kHz_3720MHz_DFT-s-OFDM QPSK_RB100@0	37.506	36.519
40MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB106@0	37.785	38.555
40MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB106@0	37.783	38.504
40MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB106@0	37.780	38.511
40MHz_30kHz_3840MHz_CP-OFDM QPSK_RB106@0	37.781	38.581
40MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB100@0	37.447	36.397
40MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB100@0	37.443	36.467
40MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB100@0	37.388	36.416
40MHz_30kHz_3840MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	37.412	36.326
40MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB100@0	37.550	36.568
40MHz_30kHz_3960MHz_CP-OFDM 16 QAM_RB106@0	37.782	38.574
40MHz_30kHz_3960MHz_CP-OFDM 256 QAM_RB106@0	37.834	38.627
40MHz_30kHz_3960MHz_CP-OFDM 64 QAM_RB106@0	37.784	38.562
40MHz_30kHz_3960MHz_CP-OFDM QPSK_RB106@0	37.780	38.635
40MHz_30kHz_3960MHz_DFT-s-OFDM 16 QAM_RB100@0	37.462	36.349
40MHz_30kHz_3960MHz_DFT-s-OFDM 256 QAM_RB100@0	37.556	36.522
40MHz_30kHz_3960MHz_DFT-s-OFDM 64 QAM_RB100@0	37.500	36.375
40MHz_30kHz_3960MHz_DFT-s-OFDM PI/2 BPSK_RB100@0	37.466	36.491
40MHz_30kHz_3960MHz_DFT-s-OFDM QPSK_RB100@0	37.564	36.473
50MHz_15kHz_3725MHz_CP-OFDM 16 QAM_RB270@0	48.114	48.877
50MHz_15kHz_3725MHz_CP-OFDM 256 QAM_RB270@0	48.115	48.835
50MHz_15kHz_3725MHz_CP-OFDM 64 QAM_RB270@0	48.151	48.875
50MHz_15kHz_3725MHz_CP-OFDM QPSK_RB270@0	48.118	48.834
50MHz_15kHz_3725MHz_DFT-s-OFDM 16 QAM_RB270@0	48.105	48.842
50MHz_15kHz_3725MHz_DFT-s-OFDM 256 QAM_RB270@0	48.110	48.882
50MHz_15kHz_3725MHz_DFT-s-OFDM 64 QAM_RB270@0	48.125	48.848
50MHz_15kHz_3725MHz_DFT-s-OFDM PI/2 BPSK_RB270@0	48.123	48.843
50MHz_15kHz_3725MHz_DFT-s-OFDM QPSK_RB270@0	48.109	48.892
50MHz_15kHz_3840MHz_CP-OFDM 16 QAM_RB270@0	48.108	48.895
50MHz_15kHz_3840MHz_CP-OFDM 256 QAM_RB270@0	48.115	48.818
50MHz_15kHz_3840MHz_CP-OFDM 64 QAM_RB270@0	48.119	48.894

Mode	99% OBW (MHz)	EBW (MHz)
50MHz_15kHz_3840MHz_CP-OFDM QPSK_RB270@0	48.120	48.886
50MHz_15kHz_3840MHz_DFT-s-OFDM 16 QAM_RB270@0	48.105	48.779
50MHz_15kHz_3840MHz_DFT-s-OFDM 256 QAM_RB270@0	48.111	48.84
50MHz_15kHz_3840MHz_DFT-s-OFDM 64 QAM_RB270@0	48.123	48.824
50MHz_15kHz_3840MHz_DFT-s-OFDM PI/2 BPSK_RB270@0	48.122	48.919
50MHz_15kHz_3840MHz_DFT-s-OFDM QPSK_RB270@0	48.125	48.88
50MHz_15kHz_3955MHz_CP-OFDM 16 QAM_RB270@0	48.116	48.872
50MHz_15kHz_3955MHz_CP-OFDM 256 QAM_RB270@0	48.120	48.842
50MHz_15kHz_3955MHz_CP-OFDM 64 QAM_RB270@0	48.111	48.87
50MHz_15kHz_3955MHz_CP-OFDM QPSK_RB270@0	48.119	48.904
50MHz_15kHz_3955MHz_DFT-s-OFDM 16 QAM_RB270@0	48.107	48.776
50MHz_15kHz_3955MHz_DFT-s-OFDM 256 QAM_RB270@0	48.117	48.856
50MHz_15kHz_3955MHz_DFT-s-OFDM 64 QAM_RB270@0	48.072	48.854
50MHz_15kHz_3955MHz_DFT-s-OFDM PI/2 BPSK_RB270@0	48.153	48.923
50MHz_15kHz_3955MHz_DFT-s-OFDM QPSK_RB270@0	48.108	48.879
50MHz_30kHz_3725MHz_CP-OFDM 16 QAM_RB133@0	47.413	48.297
50MHz_30kHz_3725MHz_CP-OFDM 256 QAM_RB133@0	47.413	48.306
50MHz_30kHz_3725MHz_CP-OFDM 64 QAM_RB133@0	47.419	48.308
50MHz_30kHz_3725MHz_CP-OFDM QPSK_RB133@0	47.413	48.403
50MHz_30kHz_3725MHz_DFT-s-OFDM 16 QAM_RB128@0	46.966	46.592
50MHz_30kHz_3725MHz_DFT-s-OFDM 256 QAM_RB128@0	46.902	46.449
50MHz_30kHz_3725MHz_DFT-s-OFDM 64 QAM_RB128@0	47.016	46.518
50MHz_30kHz_3725MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	47.004	46.535
50MHz_30kHz_3725MHz_DFT-s-OFDM QPSK_RB128@0	46.952	46.443
50MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB133@0	47.412	48.293
50MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB133@0	47.415	48.233
50MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB133@0	47.419	48.387
50MHz_30kHz_3840MHz_CP-OFDM QPSK_RB133@0	47.411	48.344
50MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB128@0	47.016	46.434
50MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB128@0	46.952	46.499
50MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB128@0	47.061	46.553
50MHz_30kHz_3840MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	47.069	46.55
50MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB128@0	46.973	46.512
50MHz_30kHz_3955MHz_CP-OFDM 16 QAM_RB133@0	47.413	48.25
50MHz_30kHz_3955MHz_CP-OFDM 256 QAM_RB133@0	47.412	48.33
50MHz_30kHz_3955MHz_CP-OFDM 64 QAM_RB133@0	47.420	48.397
50MHz_30kHz_3955MHz_CP-OFDM QPSK_RB133@0	47.416	48.344
50MHz_30kHz_3955MHz_DFT-s-OFDM 16 QAM_RB128@0	47.058	46.535
50MHz_30kHz_3955MHz_DFT-s-OFDM 256 QAM_RB128@0	47.005	46.43
50MHz_30kHz_3955MHz_DFT-s-OFDM 64 QAM_RB128@0	47.107	46.513
50MHz_30kHz_3955MHz_DFT-s-OFDM PI/2 BPSK_RB128@0	47.105	46.555

Mode	99% OBW (MHz)	EBW (MHz)
50MHz_30kHz_3955MHz_DFT-s-OFDM QPSK_RB128@0	47.023	46.422
60MHz_30kHz_3730MHz_CP-OFDM 16 QAM_RB162@0	57.734	58.64
60MHz_30kHz_3730MHz_CP-OFDM 256 QAM_RB162@0	57.724	58.691
60MHz_30kHz_3730MHz_CP-OFDM 64 QAM_RB162@0	57.730	58.784
60MHz_30kHz_3730MHz_CP-OFDM QPSK_RB162@0	57.748	58.743
60MHz_30kHz_3730MHz_DFT-s-OFDM 16 QAM_RB162@0	57.721	58.69
60MHz_30kHz_3730MHz_DFT-s-OFDM 256 QAM_RB162@0	57.734	58.656
60MHz_30kHz_3730MHz_DFT-s-OFDM 64 QAM_RB162@0	57.744	58.737
60MHz_30kHz_3730MHz_DFT-s-OFDM PI/2 BPSK_RB162@0	57.721	58.728
60MHz_30kHz_3730MHz_DFT-s-OFDM QPSK_RB162@0	57.731	58.713
60MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB162@0	57.728	58.739
60MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB162@0	57.725	58.67
60MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB162@0	57.744	58.689
60MHz_30kHz_3840MHz_CP-OFDM QPSK_RB162@0	57.735	58.627
60MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB162@0	57.684	58.733
60MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB162@0	57.735	58.684
60MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB162@0	57.781	58.763
60MHz_30kHz_3840MHz_DFT-s-OFDM PI/2 BPSK_RB162@0	57.721	58.697
60MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB162@0	57.726	58.744
60MHz_30kHz_3950MHz_CP-OFDM 16 QAM_RB162@0	57.724	58.809
60MHz_30kHz_3950MHz_CP-OFDM 256 QAM_RB162@0	57.733	58.703
60MHz_30kHz_3950MHz_CP-OFDM 64 QAM_RB162@0	57.734	58.749
60MHz_30kHz_3950MHz_CP-OFDM QPSK_RB162@0	57.748	58.724
60MHz_30kHz_3950MHz_DFT-s-OFDM 16 QAM_RB162@0	57.689	58.686
60MHz_30kHz_3950MHz_DFT-s-OFDM 256 QAM_RB162@0	57.781	58.703
60MHz_30kHz_3950MHz_DFT-s-OFDM 64 QAM_RB162@0	57.749	58.76
60MHz_30kHz_3950MHz_DFT-s-OFDM PI/2 BPSK_RB162@0	57.729	58.703
60MHz_30kHz_3950MHz_DFT-s-OFDM QPSK_RB162@0	57.731	58.772
70MHz_30kHz_3735MHz_CP-OFDM 16 QAM_RB189@0	67.330	68.468
70MHz_30kHz_3735MHz_CP-OFDM 256 QAM_RB189@0	67.330	68.425
70MHz_30kHz_3735MHz_CP-OFDM 64 QAM_RB189@0	67.380	68.42
70MHz_30kHz_3735MHz_CP-OFDM QPSK_RB189@0	67.392	68.464
70MHz_30kHz_3735MHz_DFT-s-OFDM 16 QAM_RB180@0	66.814	65.079
70MHz_30kHz_3735MHz_DFT-s-OFDM 256 QAM_RB180@0	66.921	65.109
70MHz_30kHz_3735MHz_DFT-s-OFDM 64 QAM_RB180@0	66.924	65.078
70MHz_30kHz_3735MHz_DFT-s-OFDM PI/2 BPSK_RB180@0	66.883	65.128
70MHz_30kHz_3735MHz_DFT-s-OFDM QPSK_RB180@0	66.874	65.158
70MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB189@0	67.380	68.396
70MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB189@0	67.379	68.36
70MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB189@0	67.393	68.368
70MHz_30kHz_3840MHz_CP-OFDM QPSK_RB189@0	67.389	68.411

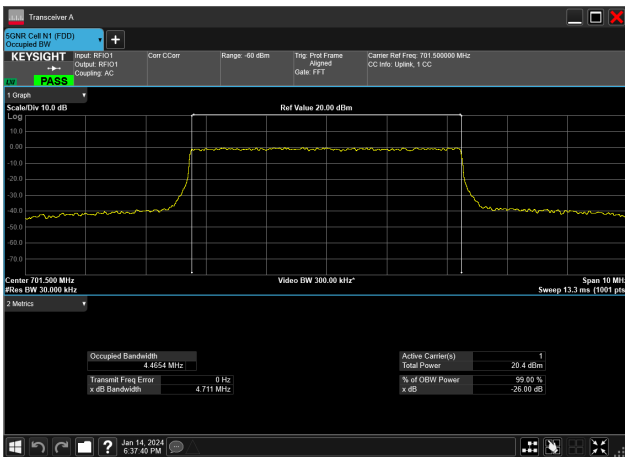
Mode	99% OBW (MHz)	EBW (MHz)
70MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB180@0	66.755	65.227
70MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB180@0	66.755	65.214
70MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB180@0	66.744	65.19
70MHz_30kHz_3840MHz_DFT-s-OFDM PI/2 BPSK_RB180@0	66.804	65.213
70MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB180@0	66.751	65.243
70MHz_30kHz_3945MHz_CP-OFDM 16 QAM_RB189@0	67.437	68.55
70MHz_30kHz_3945MHz_CP-OFDM 256 QAM_RB189@0	67.375	68.394
70MHz_30kHz_3945MHz_CP-OFDM 64 QAM_RB189@0	67.392	68.38
70MHz_30kHz_3945MHz_CP-OFDM QPSK_RB189@0	67.429	68.503
70MHz_30kHz_3945MHz_DFT-s-OFDM 16 QAM_RB180@0	67.094	65.172
70MHz_30kHz_3945MHz_DFT-s-OFDM 256 QAM_RB180@0	66.712	65.144
70MHz_30kHz_3945MHz_DFT-s-OFDM 64 QAM_RB180@0	66.824	65.165
70MHz_30kHz_3945MHz_DFT-s-OFDM PI/2 BPSK_RB180@0	67.050	65.172
70MHz_30kHz_3945MHz_DFT-s-OFDM QPSK_RB180@0	67.087	65.105
80MHz_30kHz_3740MHz_CP-OFDM 16 QAM_RB217@0	77.342	78.562
80MHz_30kHz_3740MHz_CP-OFDM 256 QAM_RB217@0	77.199	78.528
80MHz_30kHz_3740MHz_CP-OFDM 64 QAM_RB217@0	77.288	78.564
80MHz_30kHz_3740MHz_CP-OFDM QPSK_RB217@0	77.302	78.611
80MHz_30kHz_3740MHz_DFT-s-OFDM 16 QAM_RB216@0	76.969	78.192
80MHz_30kHz_3740MHz_DFT-s-OFDM 256 QAM_RB216@0	76.878	78.16
80MHz_30kHz_3740MHz_DFT-s-OFDM 64 QAM_RB216@0	76.911	78.087
80MHz_30kHz_3740MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	77.018	78.15
80MHz_30kHz_3740MHz_DFT-s-OFDM QPSK_RB216@0	76.979	78.146
80MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB217@0	77.352	78.552
80MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB217@0	77.194	78.429
80MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB217@0	77.296	78.615
80MHz_30kHz_3840MHz_CP-OFDM QPSK_RB217@0	77.337	78.627
80MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB216@0	77.016	78.162
80MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB216@0	76.920	78.194
80MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB216@0	76.927	78.225
80MHz_30kHz_3840MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	76.927	78.22
80MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB216@0	77.031	78.25
80MHz_30kHz_3940MHz_CP-OFDM 16 QAM_RB217@0	77.357	78.489
80MHz_30kHz_3940MHz_CP-OFDM 256 QAM_RB217@0	77.243	78.533
80MHz_30kHz_3940MHz_CP-OFDM 64 QAM_RB217@0	77.402	78.43
80MHz_30kHz_3940MHz_CP-OFDM QPSK_RB217@0	77.349	78.606
80MHz_30kHz_3940MHz_DFT-s-OFDM 16 QAM_RB216@0	76.984	78.113
80MHz_30kHz_3940MHz_DFT-s-OFDM 256 QAM_RB216@0	77.033	78.088
80MHz_30kHz_3940MHz_DFT-s-OFDM 64 QAM_RB216@0	76.983	78.165
80MHz_30kHz_3940MHz_DFT-s-OFDM PI/2 BPSK_RB216@0	77.093	78.164
80MHz_30kHz_3940MHz_DFT-s-OFDM QPSK_RB216@0	77.087	78.106

Mode	99% OBW (MHz)	EBW (MHz)
90MHz_30kHz_3745MHz_CP-OFDM 16 QAM_RB245@0	87.263	88.613
90MHz_30kHz_3745MHz_CP-OFDM 256 QAM_RB245@0	87.255	88.537
90MHz_30kHz_3745MHz_CP-OFDM 64 QAM_RB245@0	87.306	88.566
90MHz_30kHz_3745MHz_CP-OFDM QPSK_RB245@0	87.362	88.641
90MHz_30kHz_3745MHz_DFT-s-OFDM 16 QAM_RB243@0	86.538	87.892
90MHz_30kHz_3745MHz_DFT-s-OFDM 256 QAM_RB243@0	86.711	87.981
90MHz_30kHz_3745MHz_DFT-s-OFDM 64 QAM_RB243@0	86.533	87.934
90MHz_30kHz_3745MHz_DFT-s-OFDM PI/2 BPSK_RB243@0	86.640	87.912
90MHz_30kHz_3745MHz_DFT-s-OFDM QPSK_RB243@0	86.522	87.788
90MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB245@0	87.200	88.628
90MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB245@0	87.259	88.435
90MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB245@0	87.360	88.624
90MHz_30kHz_3840MHz_CP-OFDM QPSK_RB245@0	87.308	88.619
90MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB243@0	86.604	87.924
90MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB243@0	86.597	87.975
90MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB243@0	86.601	87.838
90MHz_30kHz_3840MHz_DFT-s-OFDM PI/2 BPSK_RB243@0	86.536	87.866
90MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB243@0	86.541	88.034
90MHz_30kHz_3935MHz_CP-OFDM 16 QAM_RB245@0	87.245	88.556
90MHz_30kHz_3935MHz_CP-OFDM 256 QAM_RB245@0	87.303	88.463
90MHz_30kHz_3935MHz_CP-OFDM 64 QAM_RB245@0	87.362	88.545
90MHz_30kHz_3935MHz_CP-OFDM QPSK_RB245@0	87.314	88.561
90MHz_30kHz_3935MHz_DFT-s-OFDM 16 QAM_RB243@0	86.893	87.883
90MHz_30kHz_3935MHz_DFT-s-OFDM 256 QAM_RB243@0	86.719	87.839
90MHz_30kHz_3935MHz_DFT-s-OFDM 64 QAM_RB243@0	86.907	87.854
90MHz_30kHz_3935MHz_DFT-s-OFDM PI/2 BPSK_RB243@0	86.764	87.85
90MHz_30kHz_3935MHz_DFT-s-OFDM QPSK_RB243@0	86.820	87.777
100MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB273@0	97.156	98.722
100MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB273@0	97.088	98.607
100MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB273@0	97.113	98.65
100MHz_30kHz_3750MHz_CP-OFDM QPSK_RB273@0	97.109	98.642
100MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB270@0	96.009	97.562
100MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB270@0	96.004	97.65
100MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB270@0	95.953	97.573
100MHz_30kHz_3750MHz_DFT-s-OFDM PI/2 BPSK_RB270@0	96.462	97.631
100MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB270@0	96.007	97.607
100MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB273@0	97.207	98.752
100MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB273@0	97.093	98.57
100MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB273@0	97.158	98.598
100MHz_30kHz_3840MHz_CP-OFDM QPSK_RB273@0	97.162	98.663

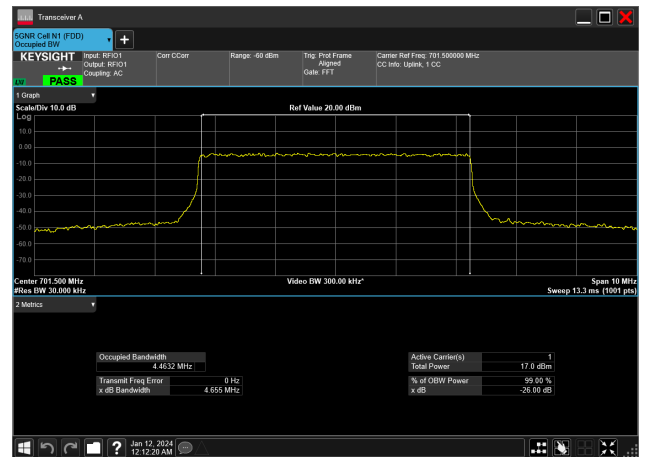
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100MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB270@0	96.121	97.615
100MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB270@0	96.016	97.575
100MHz_30kHz_3840MHz_DFT-s-OFDM PI/2 BPSK_RB270@0	96.119	97.573
100MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB270@0	96.068	97.632
100MHz_30kHz_3930MHz_CP-OFDM 16 QAM_RB273@0	97.155	98.654
100MHz_30kHz_3930MHz_CP-OFDM 256 QAM_RB273@0	97.218	98.577
100MHz_30kHz_3930MHz_CP-OFDM 64 QAM_RB273@0	97.171	98.559
100MHz_30kHz_3930MHz_CP-OFDM QPSK_RB273@0	97.163	98.661
100MHz_30kHz_3930MHz_DFT-s-OFDM 16 QAM_RB270@0	96.466	97.472
100MHz_30kHz_3930MHz_DFT-s-OFDM 256 QAM_RB270@0	96.541	97.602
100MHz_30kHz_3930MHz_DFT-s-OFDM 64 QAM_RB270@0	96.590	97.51
100MHz_30kHz_3930MHz_DFT-s-OFDM PI/2 BPSK_RB270@0	96.656	97.543
100MHz_30kHz_3930MHz_DFT-s-OFDM QPSK_RB270@0	96.744	97.573

n12

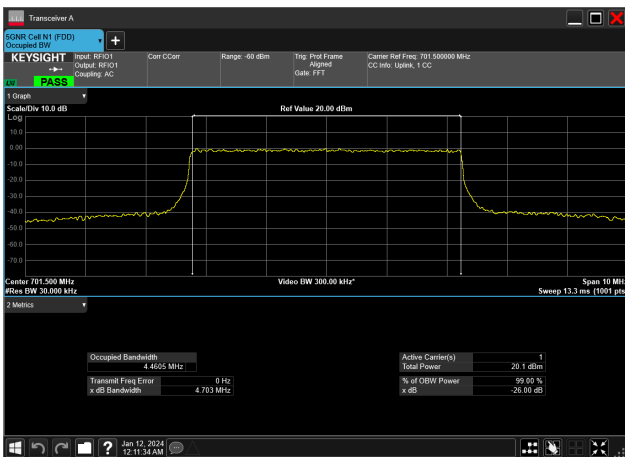
5MHz_15kHz_701.5MHz_CP-OFDM 16 QAM_RB25@0&4.465 MHz



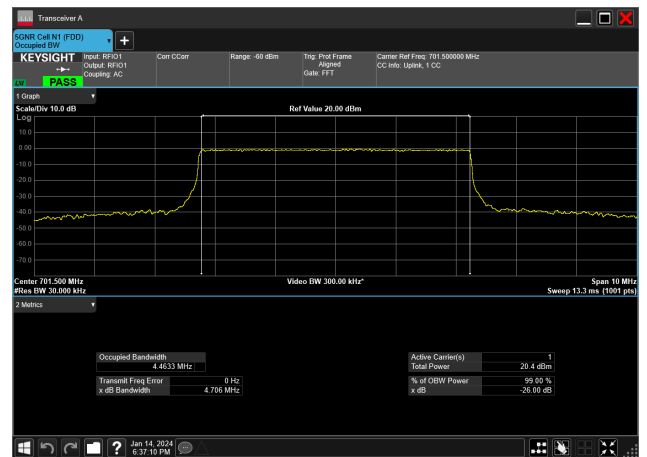
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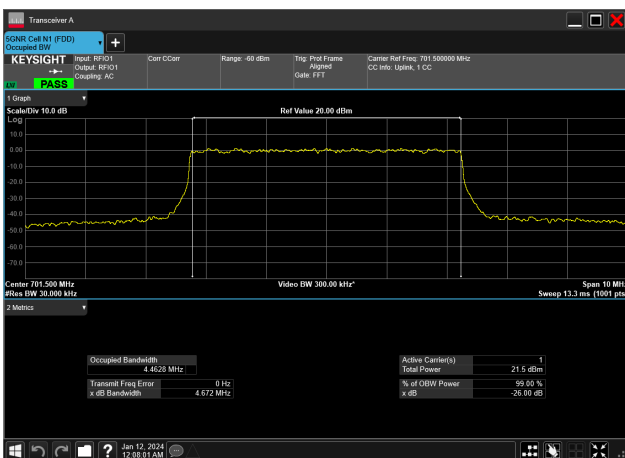
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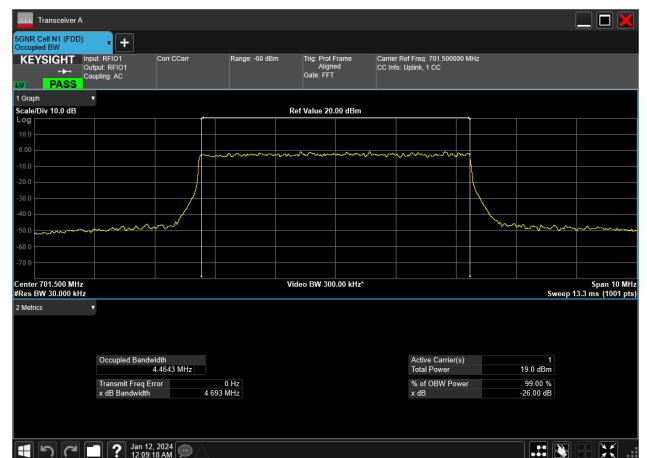
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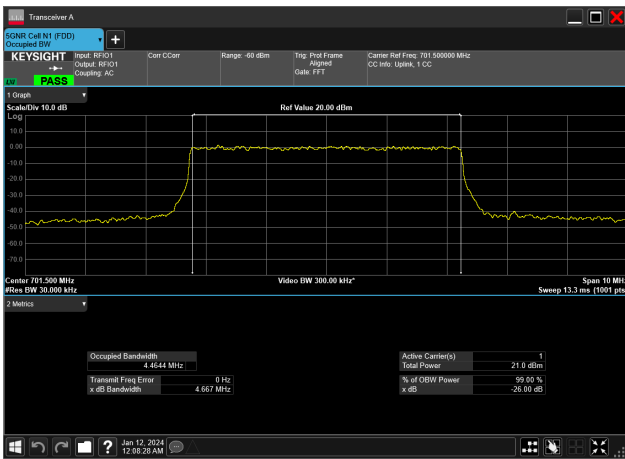
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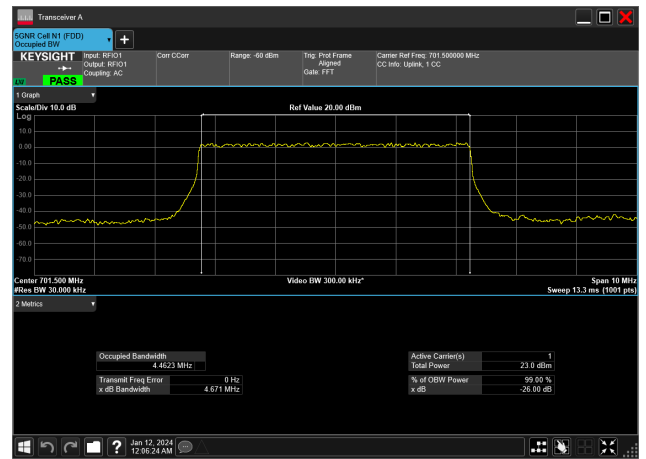
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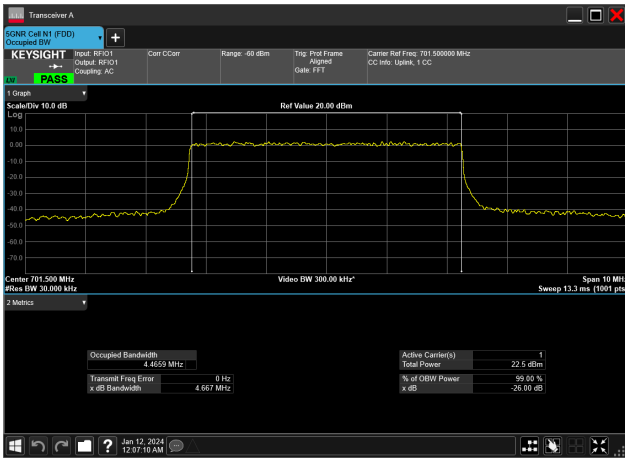
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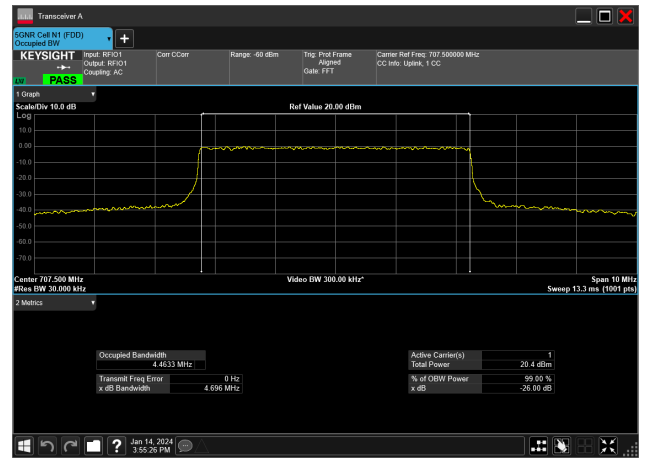
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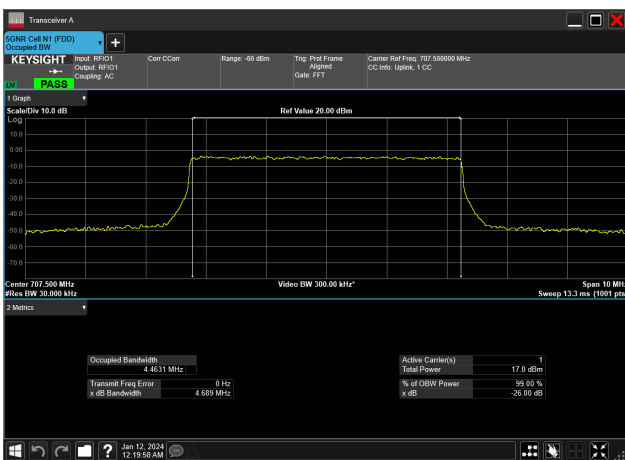
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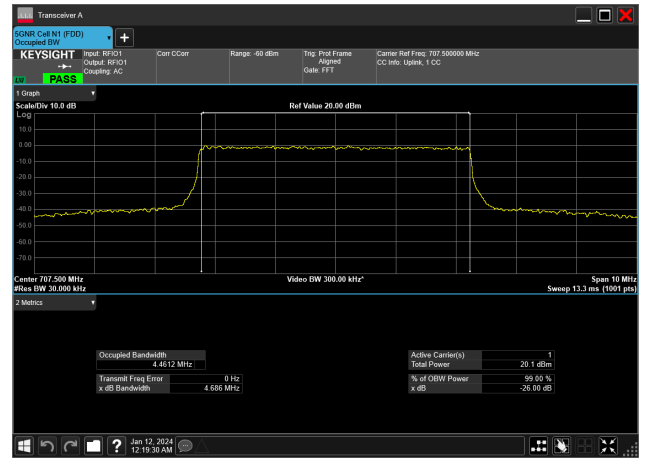
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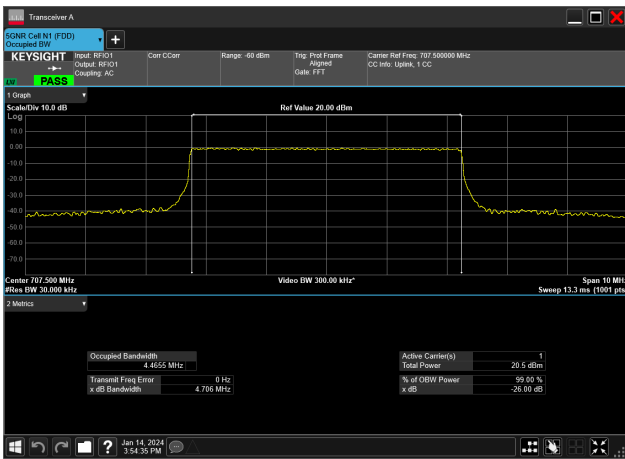
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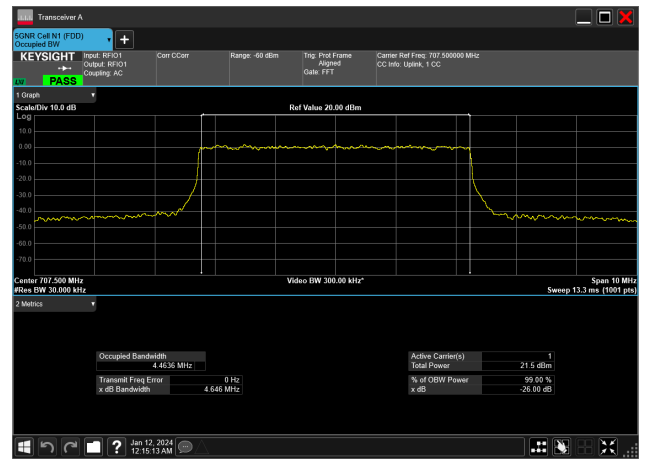
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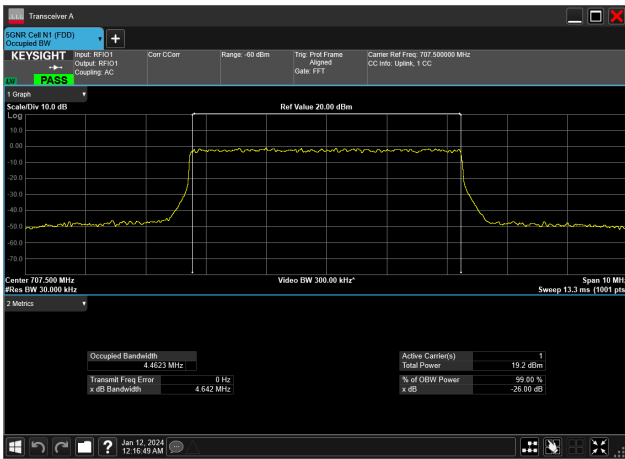
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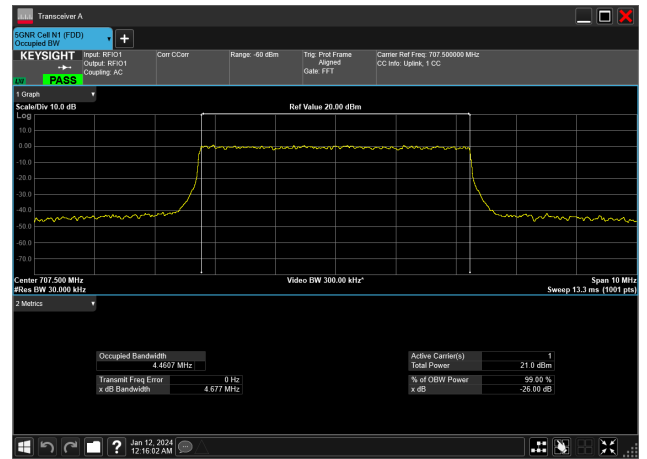
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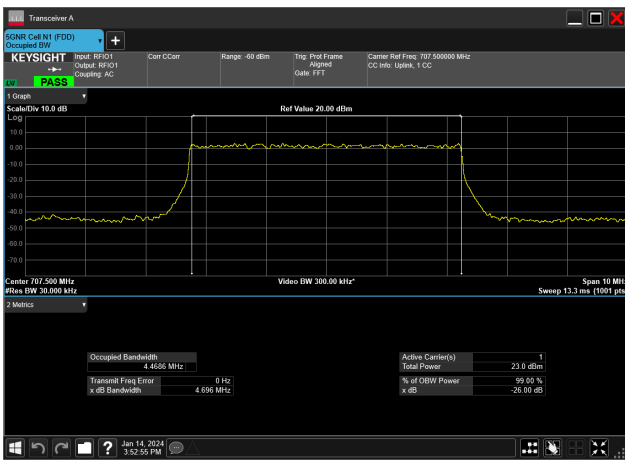
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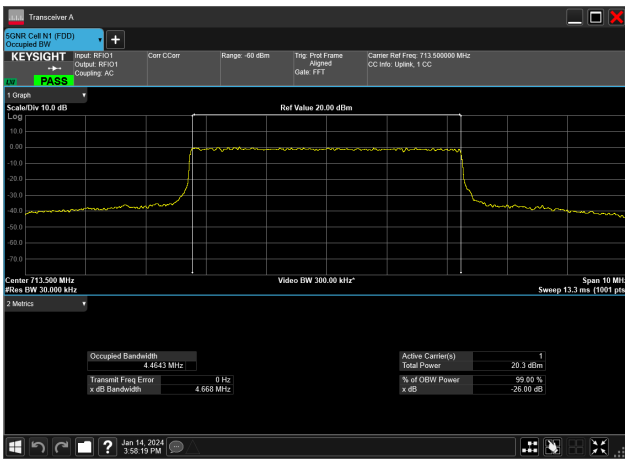
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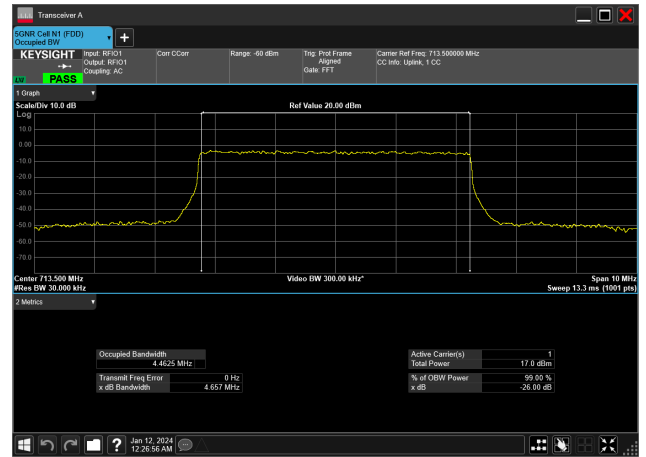
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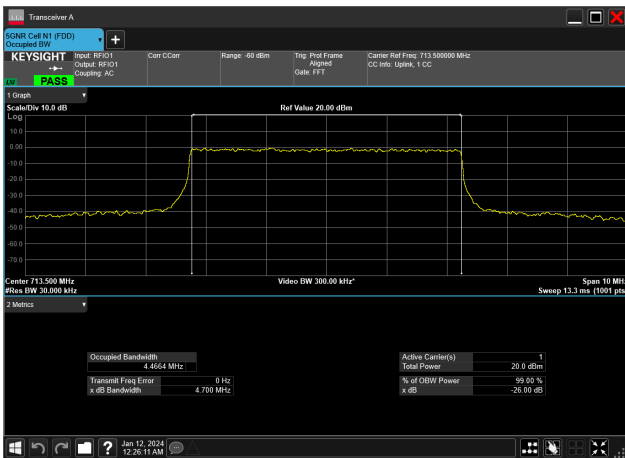
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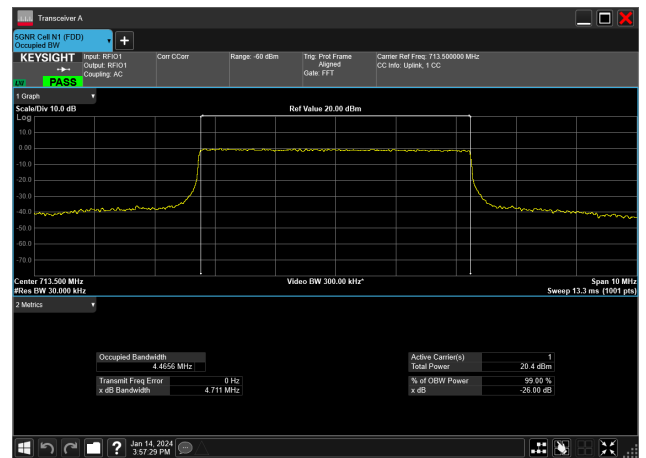
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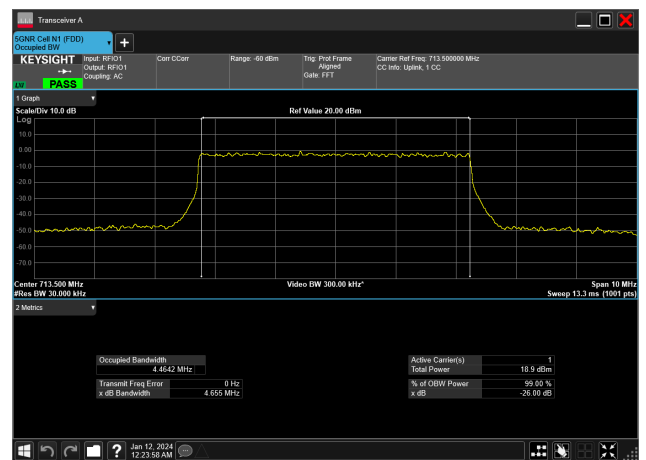
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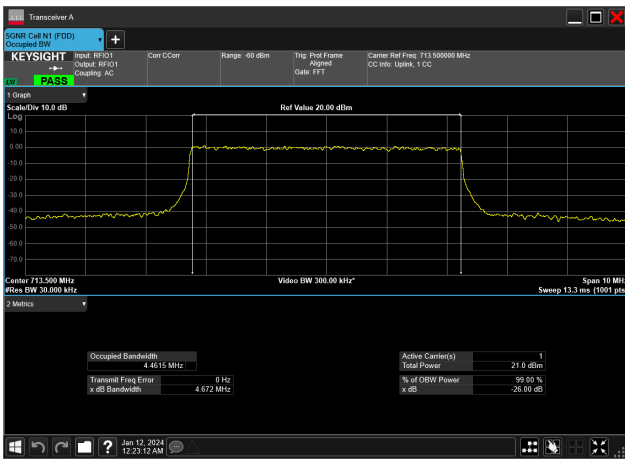
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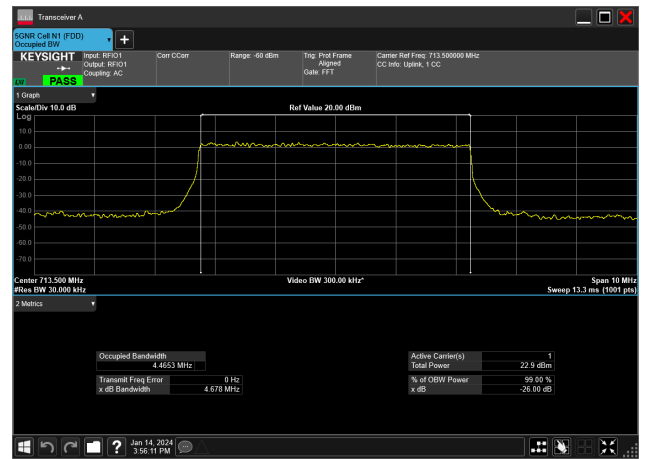
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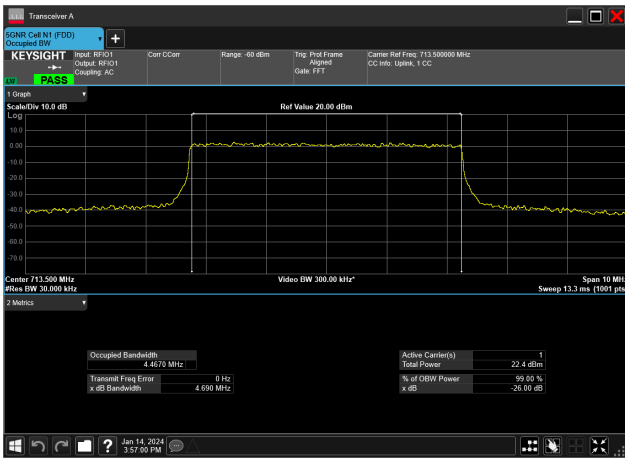
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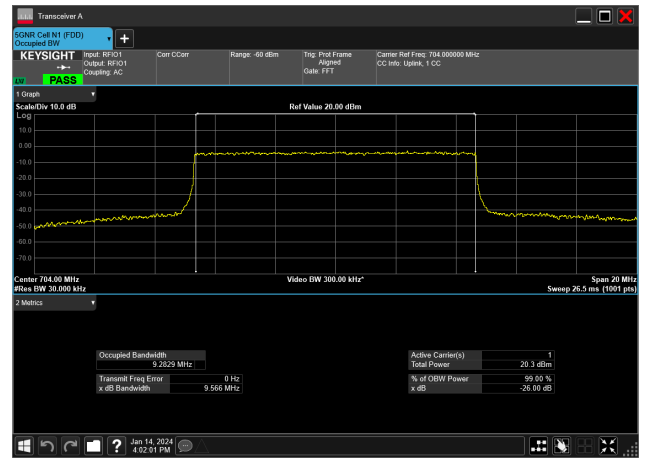
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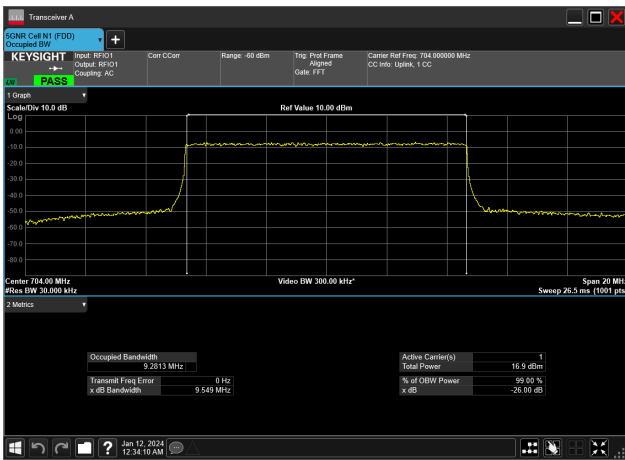
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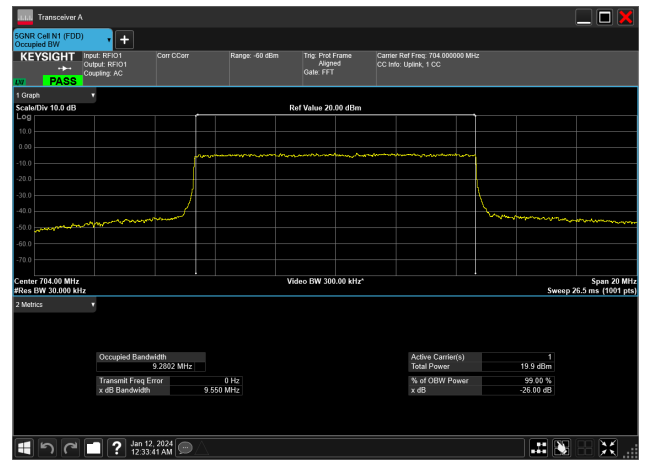
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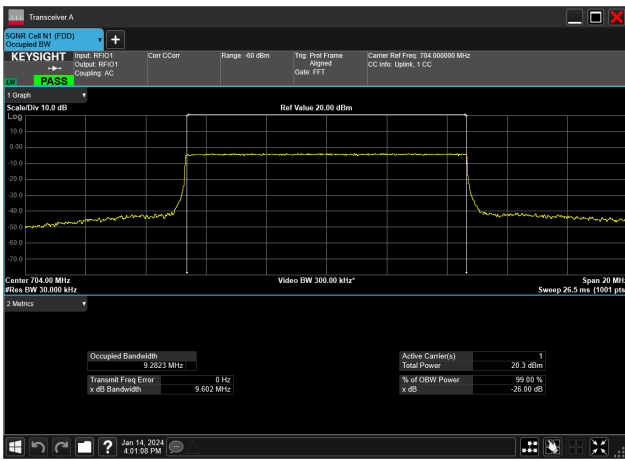
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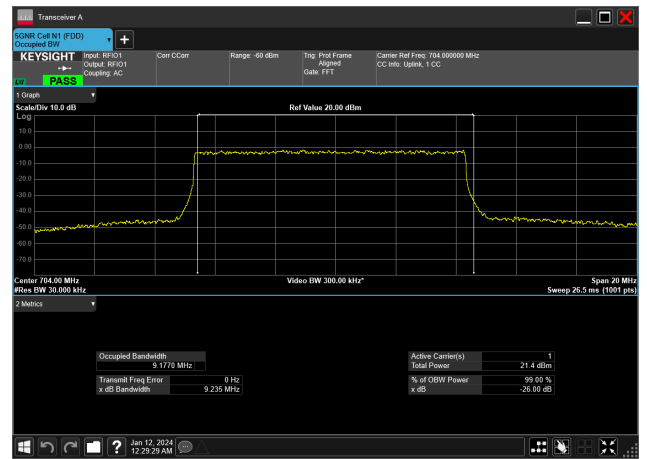
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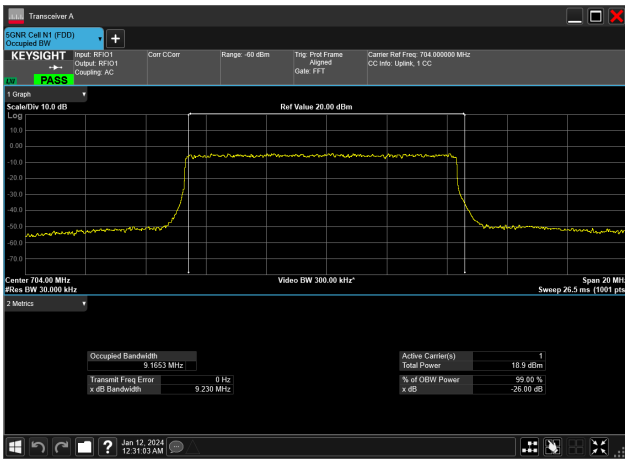
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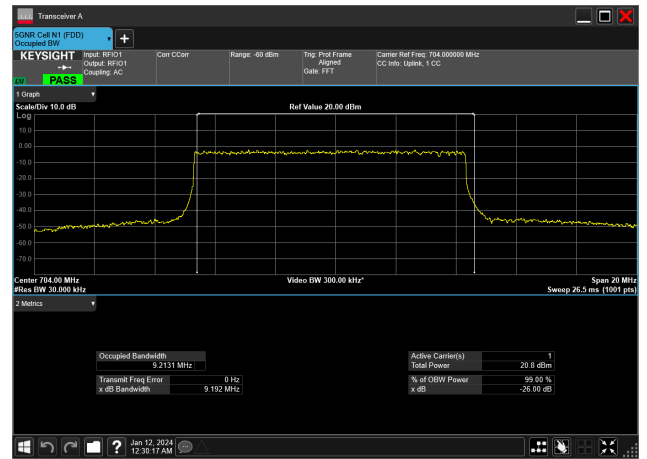
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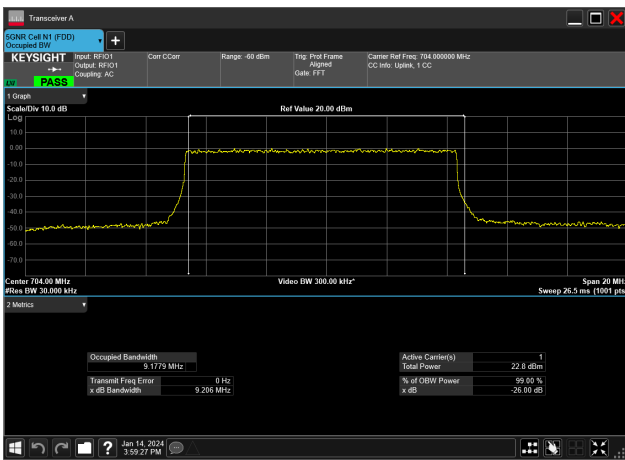
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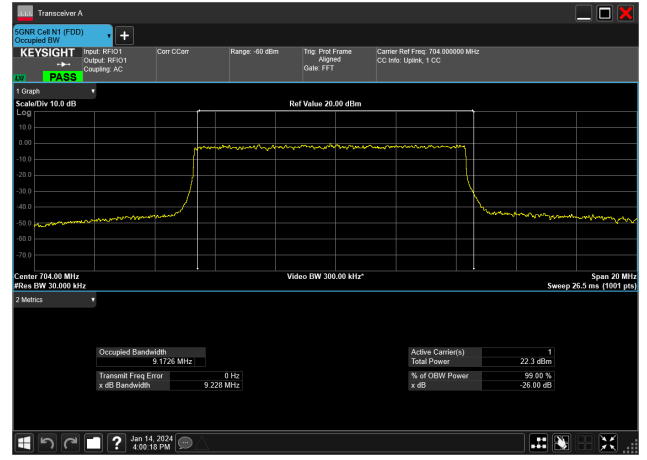
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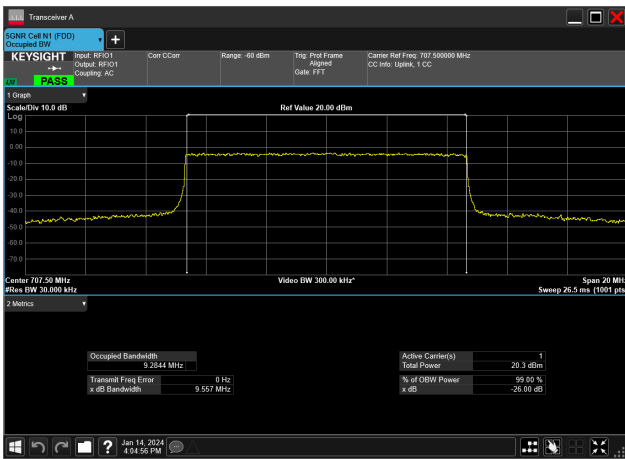
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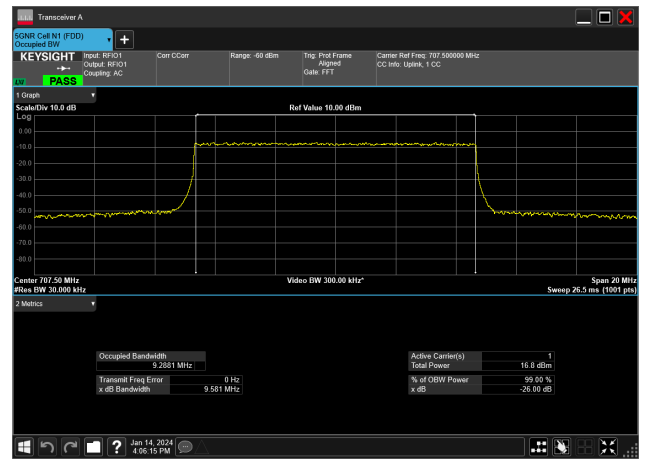
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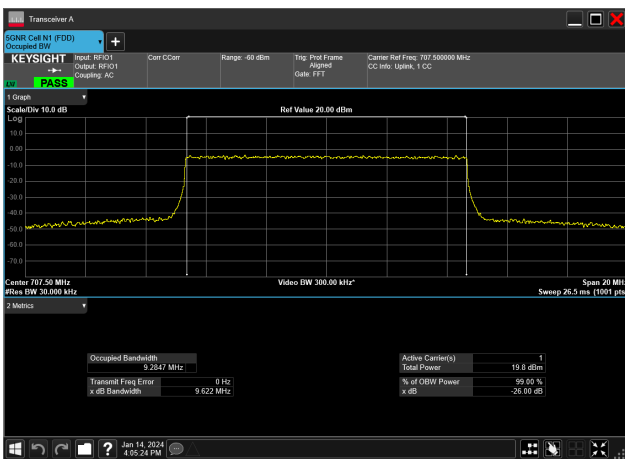
10MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB52@0&9.284 MHz



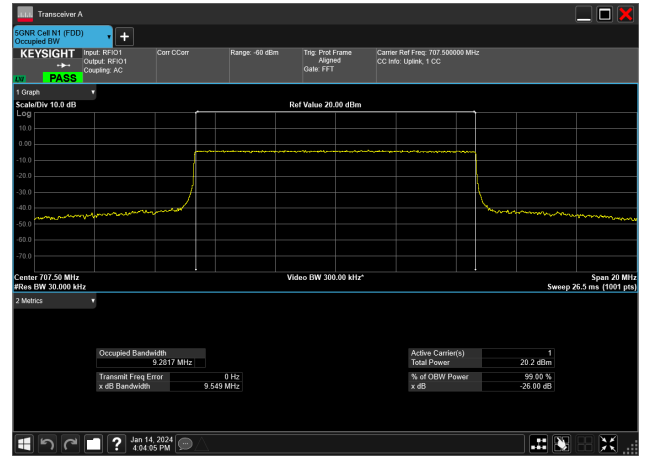
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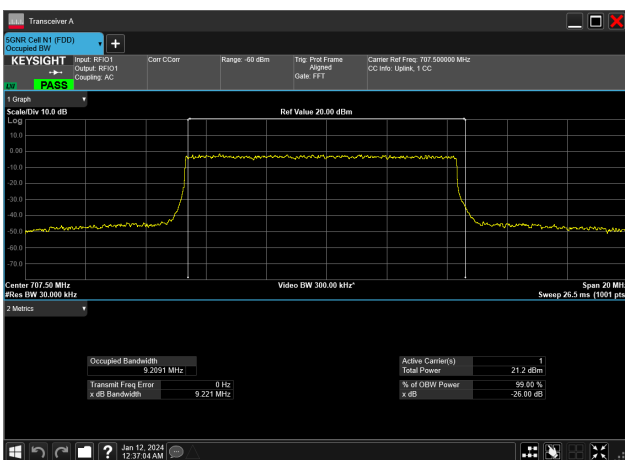
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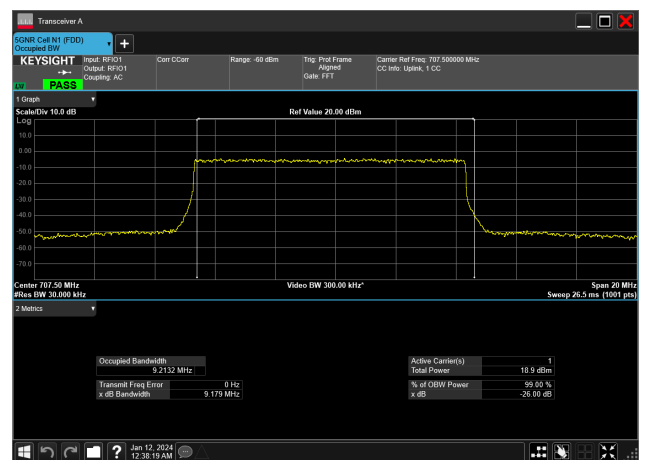
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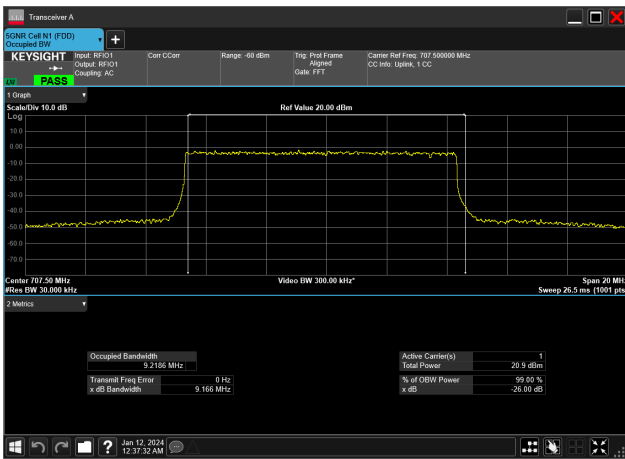
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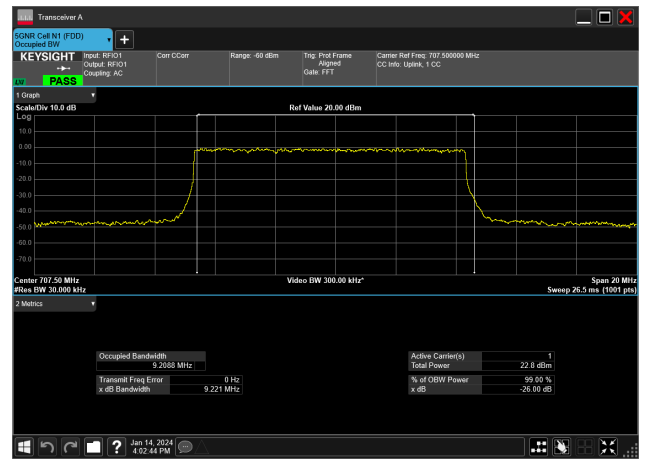
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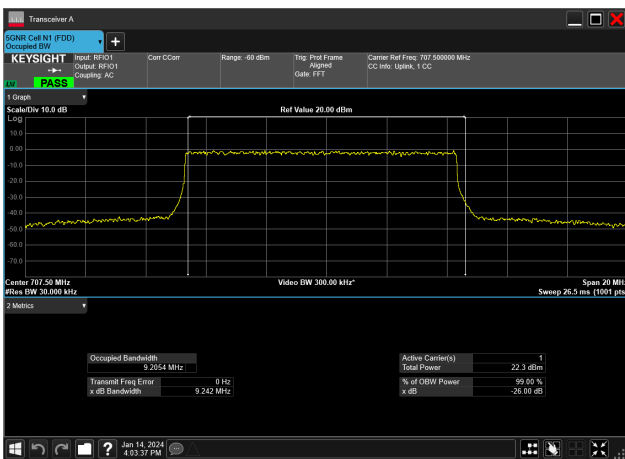
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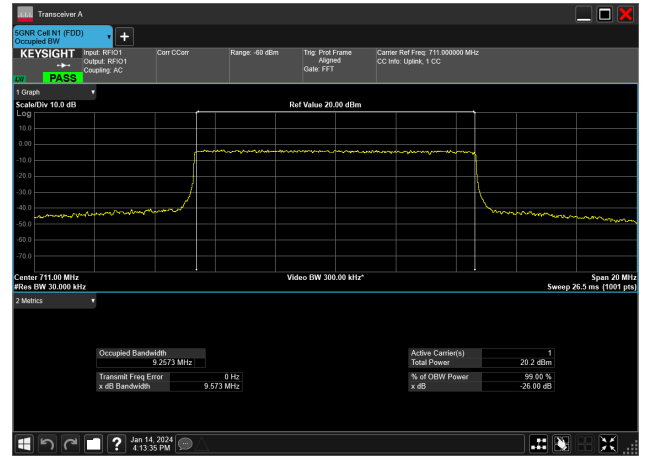
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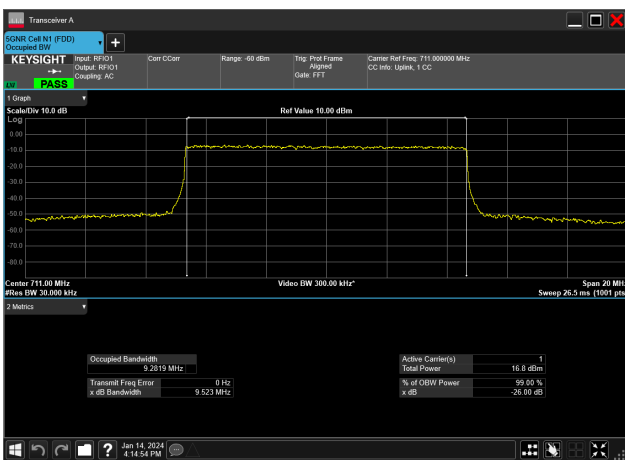
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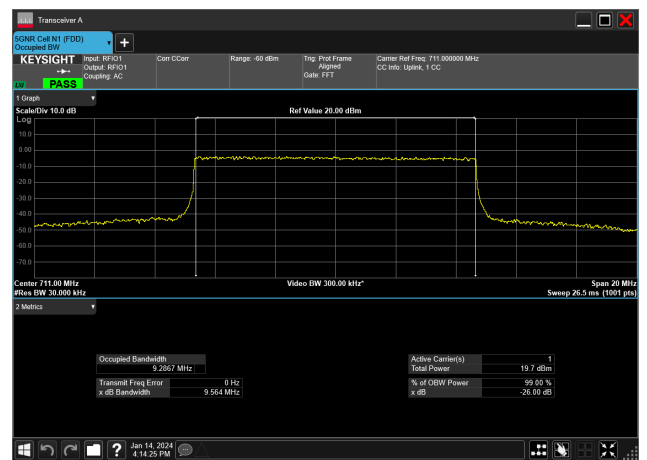
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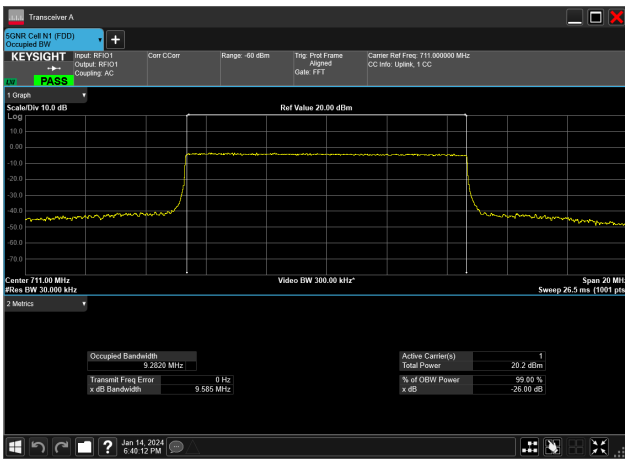
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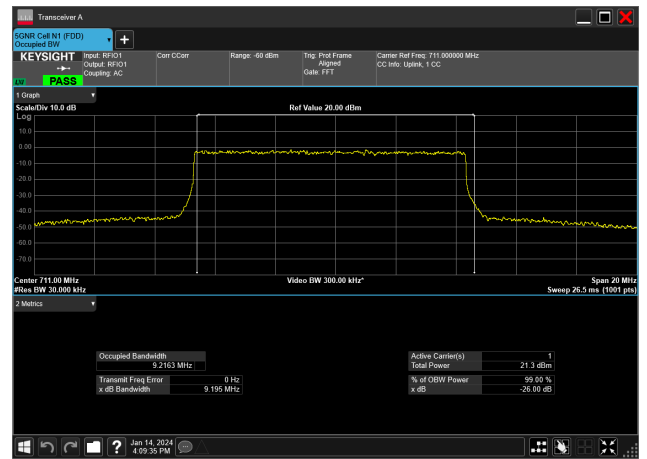
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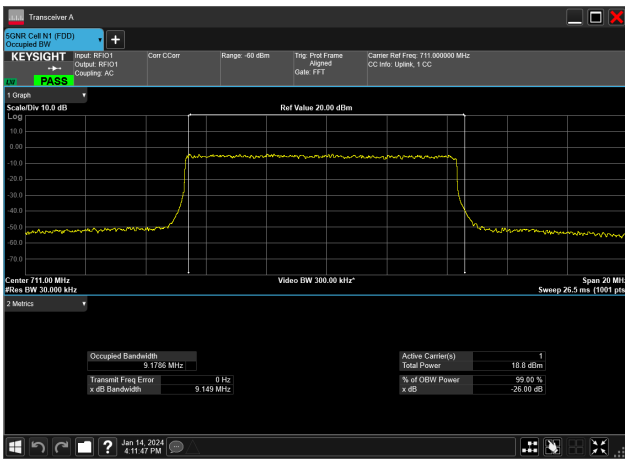
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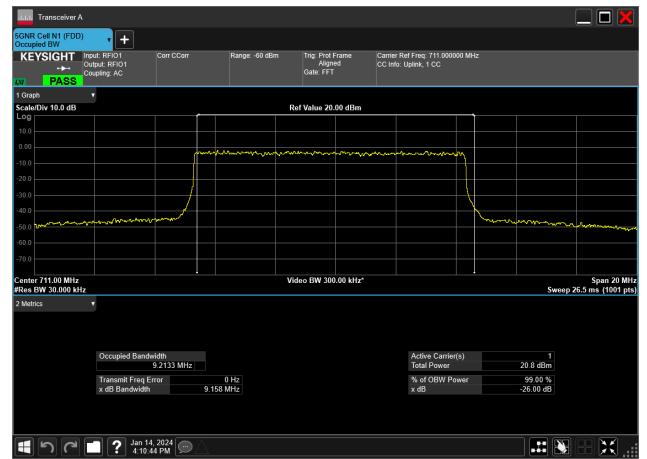
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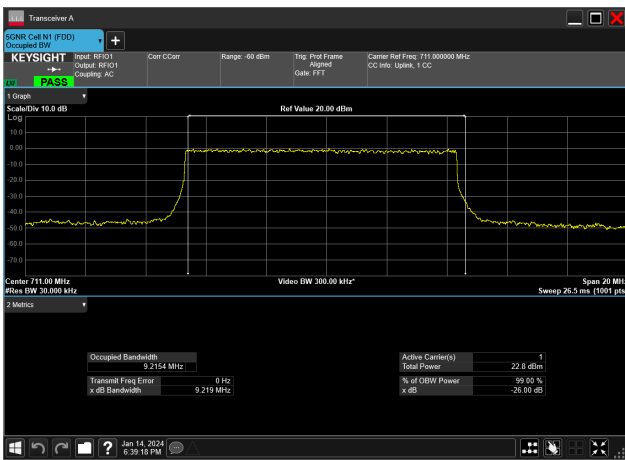
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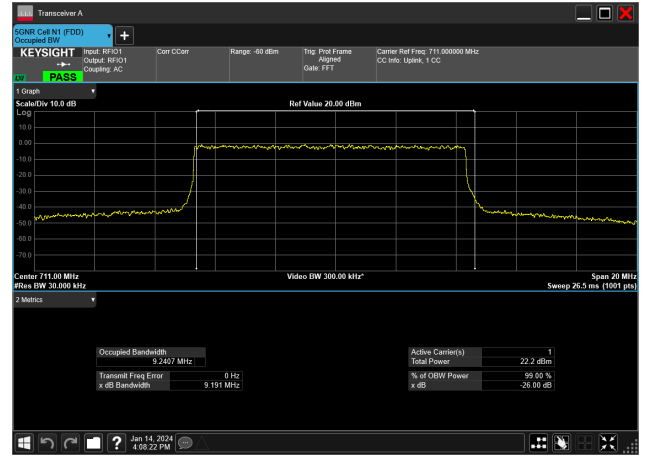
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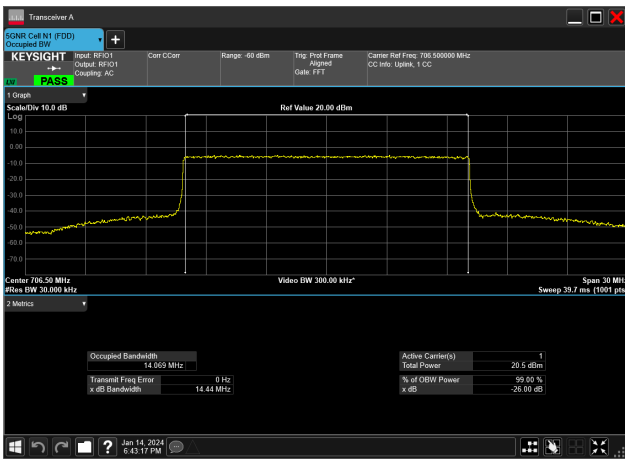
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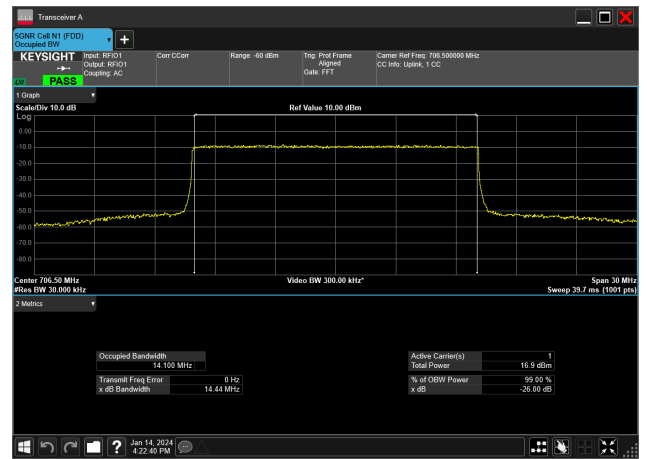
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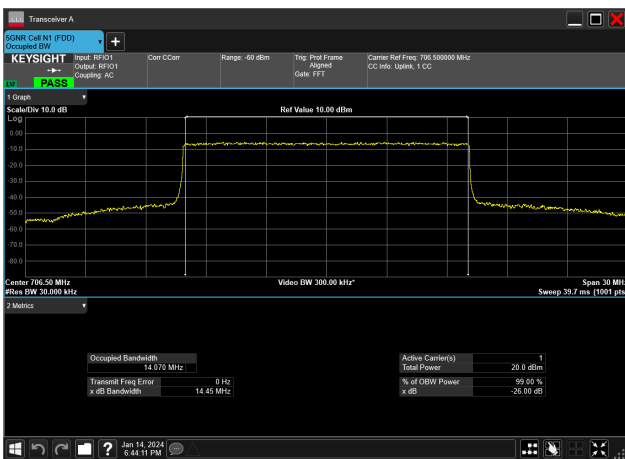
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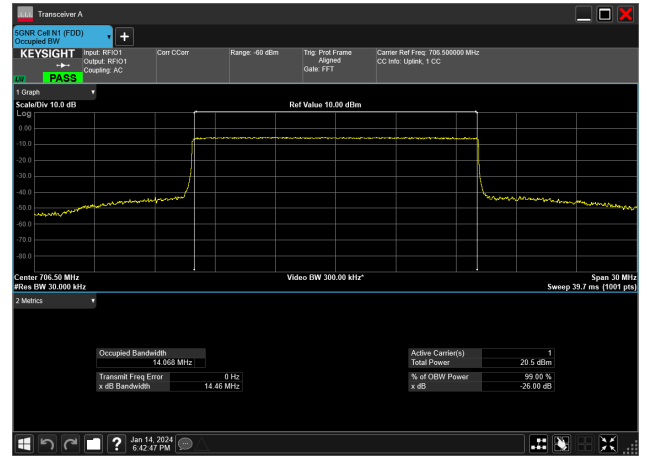
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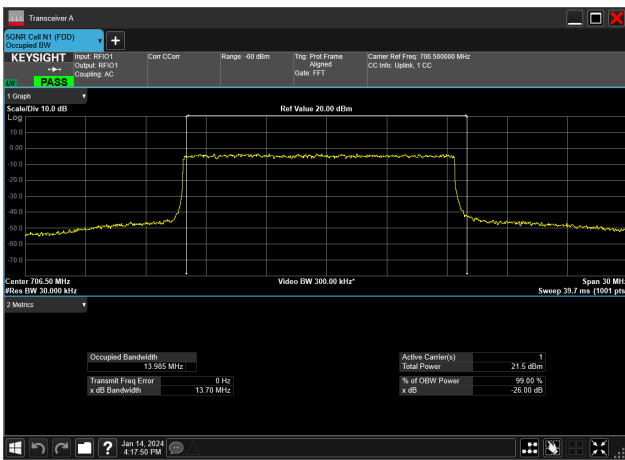
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15MHz_15kHz_706.5MHz_CP-OFDM QPSK_RB79@0&14.068 MHz



15MHz_15kHz_706.5MHz_DFT-s-OFDM 16 QAM_RB75@0&13.985 MHz



15MHz_15kHz_706.5MHz_DFT-s-OFDM 256 QAM_RB75@0&13.993 MHz

