

70MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB189@0



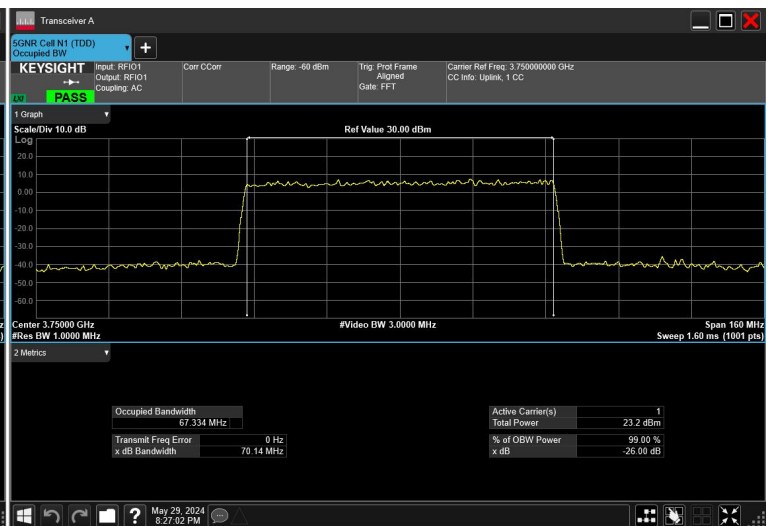
70MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB189@0



70MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB189@0



70MHz_30kHz_3750MHz_CP-OFDM QPSK_RB189@0



70MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB180@0



70MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB180@0



70MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB180@0



70MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB180@0

70MHz_30kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB180@0

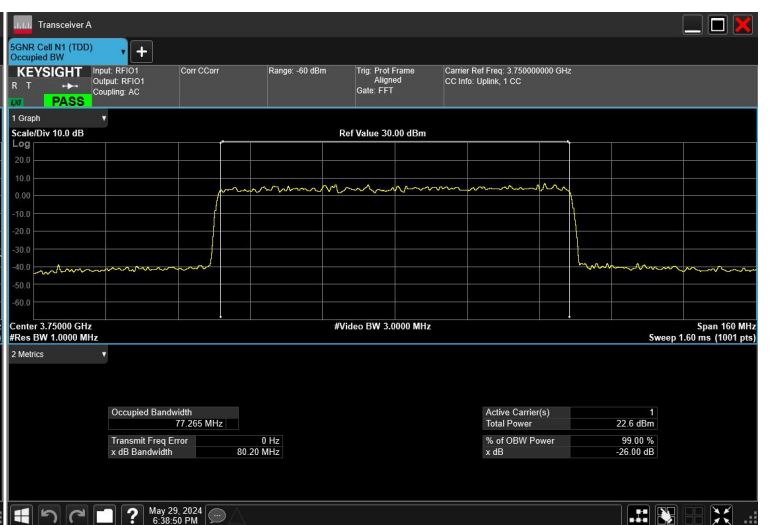
80MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB17@0



80MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB17@0



80MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB17@0



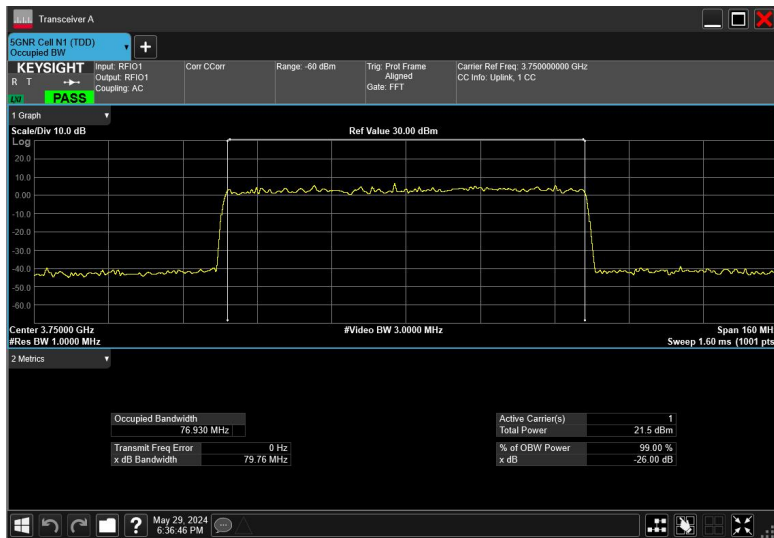
80MHz_30kHz_3750MHz_CP-OFDM QPSK_RB217@0



80MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB216@0



80MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB216@0



80MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB216@0



80MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB216@0

80MHz_30kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB216@0

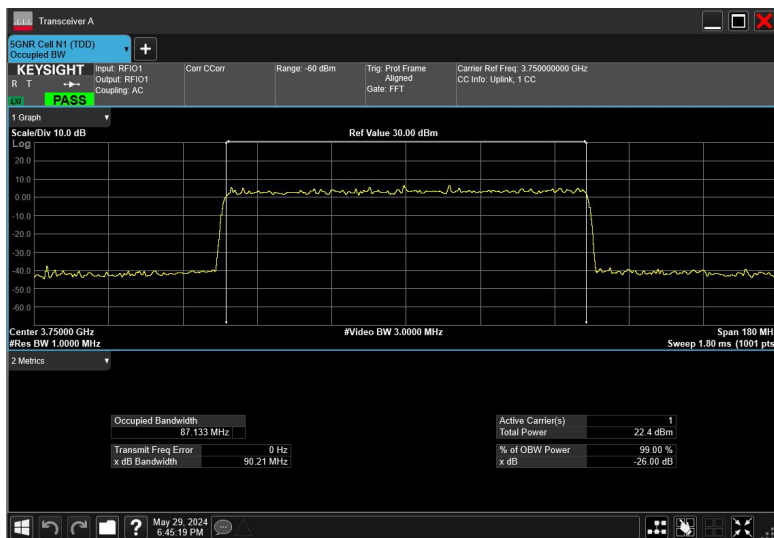
90MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB245@0



90MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB245@0



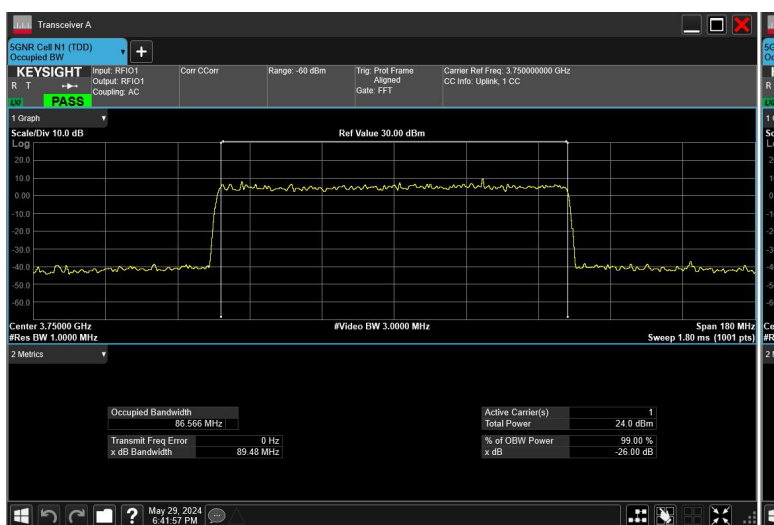
90MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB245@0



90MHz_30kHz_3750MHz_CP-OFDM QPSK_RB245@0



90MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB243@0



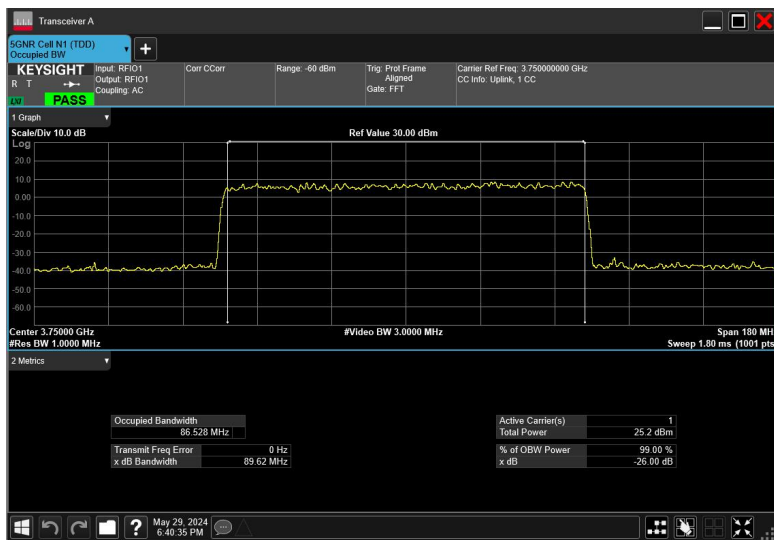
90MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB243@0



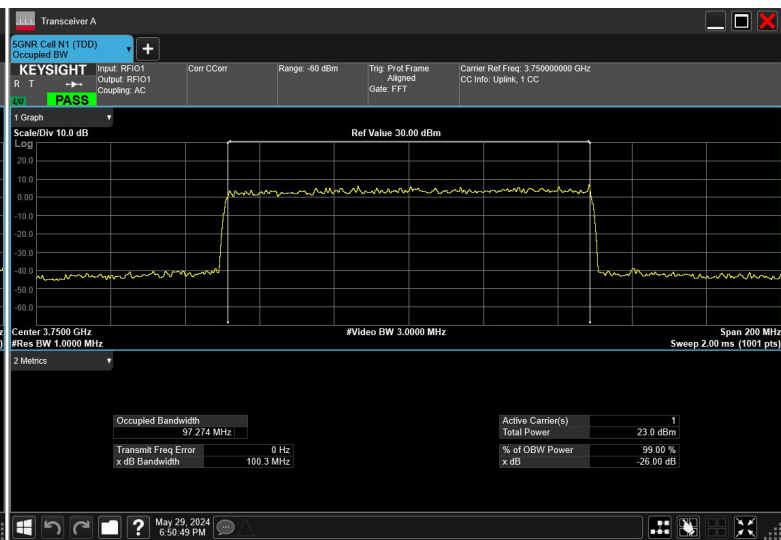
90MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB243@0



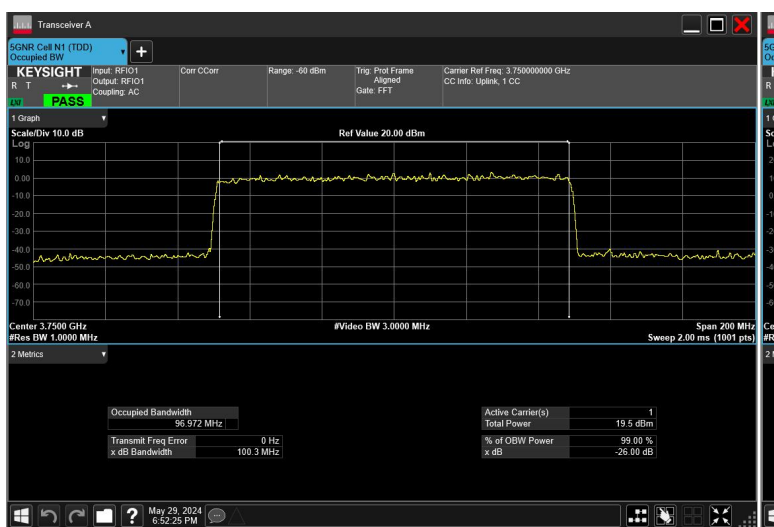
90MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB243@0

90MHz_30kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB243@0

100MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB273@0



100MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB273@0



100MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB273@0



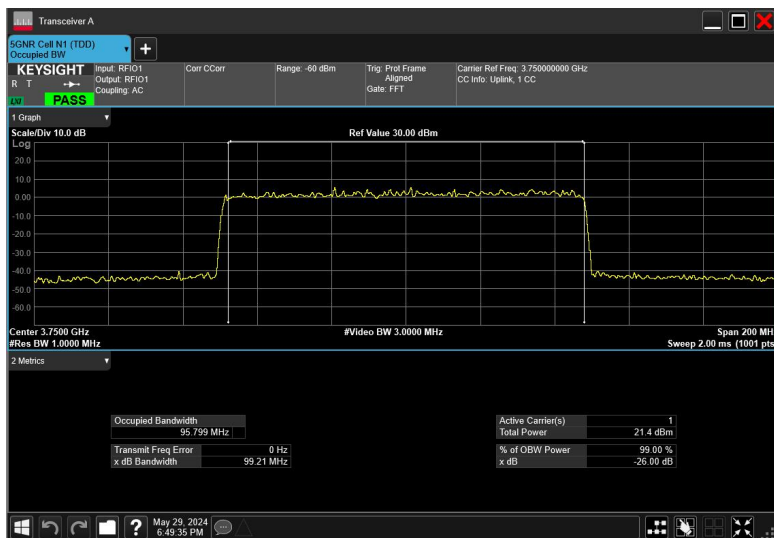
100MHz_30kHz_3750MHz_CP-OFDM QPSK_RB273@0



100MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB270@0



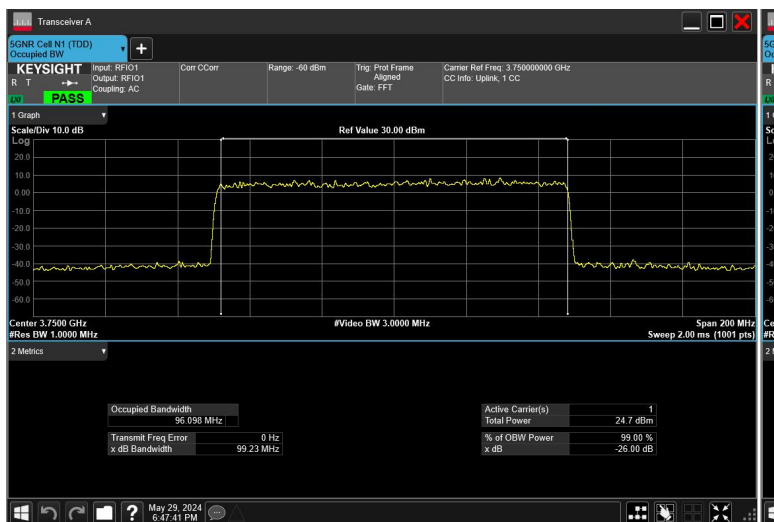
100MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB270@0



100MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB270@0



100MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB270@0

100MHz_30kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB270@0

FCC Part 27**Occupied Bandwidth****n77_1**

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_15kHz_3500MHz_CP-OFDM 16QAM_RB52@0	9.284	9.709
10MHz_15kHz_3500MHz_CP-OFDM 256QAM_RB52@0	9.280	9.705
10MHz_15kHz_3500MHz_CP-OFDM 64QAM_RB52@0	9.259	9.701
10MHz_15kHz_3500MHz_CP-OFDM QPSK_RB52@0	9.247	9.702
10MHz_15kHz_3500MHz_DFT-s-OFDM 16QAM_RB50@0	9.170	9.301
10MHz_15kHz_3500MHz_DFT-s-OFDM 256QAM_RB50@0	9.202	9.316
10MHz_15kHz_3500MHz_DFT-s-OFDM 64QAM_RB50@0	9.178	9.33
10MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB50@0	9.202	9.34
10MHz_15kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	9.213	9.333
10MHz_30kHz_3500MHz_CP-OFDM 16QAM_RB24@0	8.608	9.227
10MHz_30kHz_3500MHz_CP-OFDM 256QAM_RB24@0	8.573	9.172
10MHz_30kHz_3500MHz_CP-OFDM 64QAM_RB24@0	8.561	9.105
10MHz_30kHz_3500MHz_CP-OFDM QPSK_RB24@0	8.563	9.094
10MHz_30kHz_3500MHz_DFT-s-OFDM 16QAM_RB24@0	8.530	9.151
10MHz_30kHz_3500MHz_DFT-s-OFDM 256QAM_RB24@0	8.601	9.216
10MHz_30kHz_3500MHz_DFT-s-OFDM 64QAM_RB24@0	8.568	9.119
10MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB24@0	8.533	9.162
10MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB24@0	8.563	9.204
15MHz_15kHz_3500MHz_CP-OFDM 16QAM_RB79@0	14.066	14.728
15MHz_15kHz_3500MHz_CP-OFDM 256QAM_RB79@0	14.055	14.789
15MHz_15kHz_3500MHz_CP-OFDM 64QAM_RB79@0	14.056	14.727
15MHz_15kHz_3500MHz_CP-OFDM QPSK_RB79@0	14.060	14.796
15MHz_15kHz_3500MHz_DFT-s-OFDM 16QAM_RB75@0	13.949	14.047
15MHz_15kHz_3500MHz_DFT-s-OFDM 256QAM_RB75@0	13.989	14.051
15MHz_15kHz_3500MHz_DFT-s-OFDM 64QAM_RB75@0	13.948	14.078
15MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB75@0	13.932	14.1
15MHz_15kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0	13.936	14.079
15MHz_30kHz_3500MHz_CP-OFDM 16QAM_RB38@0	13.583	14.436
15MHz_30kHz_3500MHz_CP-OFDM 256QAM_RB38@0	13.587	14.503
15MHz_30kHz_3500MHz_CP-OFDM 64QAM_RB38@0	13.518	14.337
15MHz_30kHz_3500MHz_CP-OFDM QPSK_RB38@0	13.521	14.364
15MHz_30kHz_3500MHz_DFT-s-OFDM 16QAM_RB36@0	13.400	13.633
15MHz_30kHz_3500MHz_DFT-s-OFDM 256QAM_RB36@0	13.443	13.76
15MHz_30kHz_3500MHz_DFT-s-OFDM 64QAM_RB36@0	13.455	13.679
15MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB36@0	13.404	13.638
15MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB36@0	13.450	13.713
20MHz_15kHz_3500MHz_CP-OFDM 16QAM_RB106@0	18.883	19.622
20MHz_15kHz_3500MHz_CP-OFDM 256QAM_RB106@0	18.836	19.56
20MHz_15kHz_3500MHz_CP-OFDM 64QAM_RB106@0	18.886	19.744
20MHz_15kHz_3500MHz_CP-OFDM QPSK_RB106@0	18.836	19.702

20MHz_15kHz_3500MHz_DFT-s-OFDM 16QAM_RB100@0	18.731	18.534
20MHz_15kHz_3500MHz_DFT-s-OFDM 256QAM_RB100@0	18.671	18.467
20MHz_15kHz_3500MHz_DFT-s-OFDM 64QAM_RB100@0	18.673	18.622
20MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB100@0	18.677	18.611
20MHz_15kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	18.668	18.556
20MHz_30kHz_3500MHz_CP-OFDM 16QAM_RB51@0	18.170	19.016
20MHz_30kHz_3500MHz_CP-OFDM 256QAM_RB51@0	18.179	19.129
20MHz_30kHz_3500MHz_CP-OFDM 64QAM_RB51@0	18.176	19.077
20MHz_30kHz_3500MHz_CP-OFDM QPSK_RB51@0	18.185	18.999
20MHz_30kHz_3500MHz_DFT-s-OFDM 16QAM_RB50@0	18.015	18.676
20MHz_30kHz_3500MHz_DFT-s-OFDM 256QAM_RB50@0	18.029	18.708
20MHz_30kHz_3500MHz_DFT-s-OFDM 64QAM_RB50@0	18.012	18.737
20MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB50@0	18.012	18.693
20MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	17.955	18.628
30MHz_30kHz_3500MHz_CP-OFDM 16QAM_RB78@0	27.845	29.182
30MHz_30kHz_3500MHz_CP-OFDM 256QAM_RB78@0	27.844	29.176
30MHz_30kHz_3500MHz_CP-OFDM 64QAM_RB78@0	27.869	29.14
30MHz_30kHz_3500MHz_CP-OFDM QPSK_RB78@0	27.854	29.225
30MHz_30kHz_3500MHz_DFT-s-OFDM 16QAM_RB75@0	27.727	28.021
30MHz_30kHz_3500MHz_DFT-s-OFDM 256QAM_RB75@0	27.648	28.217
30MHz_30kHz_3500MHz_DFT-s-OFDM 64QAM_RB75@0	27.503	28.193
30MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB75@0	27.482	28.053
30MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0	27.618	28.072
40MHz_15kHz_3500MHz_CP-OFDM 16QAM_RB216@0	38.422	39.969
40MHz_15kHz_3500MHz_CP-OFDM 256QAM_RB216@0	38.429	40.076
40MHz_15kHz_3500MHz_CP-OFDM 64QAM_RB216@0	38.426	40.001
40MHz_15kHz_3500MHz_CP-OFDM QPSK_RB216@0	38.457	40.019
40MHz_15kHz_3500MHz_DFT-s-OFDM 16QAM_RB216@0	38.306	39.998
40MHz_15kHz_3500MHz_DFT-s-OFDM 256QAM_RB216@0	38.423	39.978
40MHz_15kHz_3500MHz_DFT-s-OFDM 64QAM_RB216@0	38.456	40.023
40MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB216@0	38.458	40.005
40MHz_15kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB216@0	38.426	40.137
40MHz_30kHz_3500MHz_CP-OFDM 16QAM_RB106@0	37.679	39.562
40MHz_30kHz_3500MHz_CP-OFDM 256QAM_RB106@0	37.778	39.47
40MHz_30kHz_3500MHz_CP-OFDM 64QAM_RB106@0	37.669	39.557
40MHz_30kHz_3500MHz_CP-OFDM QPSK_RB106@0	37.675	39.644
40MHz_30kHz_3500MHz_DFT-s-OFDM 16QAM_RB100@0	37.182	37.287
40MHz_30kHz_3500MHz_DFT-s-OFDM 256QAM_RB100@0	37.335	37.327
40MHz_30kHz_3500MHz_DFT-s-OFDM 64QAM_RB100@0	37.617	37.354
40MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB100@0	37.332	37.445
40MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	37.324	37.325
50MHz_15kHz_3500MHz_CP-OFDM 16QAM_RB270@0	48.082	49.75

50MHz_15kHz_3500MHz_CP-OFDM256QAM_RB270@0	48.080	49.876
50MHz_15kHz_3500MHz_CP-OFDM64QAM_RB270@0	48.025	49.684
50MHz_15kHz_3500MHz_CP-OFDM QPSK_RB270@0	48.005	49.662
50MHz_15kHz_3500MHz_DFT-s-OFDM16QAM_RB270@0	48.012	49.756
50MHz_15kHz_3500MHz_DFT-s-OFDM256QAM_RB270@0	48.017	49.696
50MHz_15kHz_3500MHz_DFT-s-OFDM64QAM_RB270@0	48.049	49.783
50MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB270@0	48.084	49.844
50MHz_15kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB270@0	48.087	49.677
50MHz_30kHz_3500MHz_CP-OFDM16QAM_RB133@0	47.243	49.189
50MHz_30kHz_3500MHz_CP-OFDM256QAM_RB133@0	47.448	49.161
50MHz_30kHz_3500MHz_CP-OFDM64QAM_RB133@0	47.425	49.22
50MHz_30kHz_3500MHz_CP-OFDM QPSK_RB133@0	47.293	49.02
50MHz_30kHz_3500MHz_DFT-s-OFDM16QAM_RB128@0	47.044	47.388
50MHz_30kHz_3500MHz_DFT-s-OFDM256QAM_RB128@0	47.066	47.608
50MHz_30kHz_3500MHz_DFT-s-OFDM64QAM_RB128@0	47.072	47.359
50MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB128@0	46.668	47.53
50MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB128@0	46.819	47.547
60MHz_30kHz_3500MHz_CP-OFDM16QAM_RB162@0	57.668	60.138
60MHz_30kHz_3500MHz_CP-OFDM256QAM_RB162@0	57.864	60.289
60MHz_30kHz_3500MHz_CP-OFDM64QAM_RB162@0	57.870	60.405
60MHz_30kHz_3500MHz_CP-OFDM QPSK_RB162@0	57.643	60.16
60MHz_30kHz_3500MHz_DFT-s-OFDM16QAM_RB162@0	57.716	60.365
60MHz_30kHz_3500MHz_DFT-s-OFDM256QAM_RB162@0	57.636	60.311
60MHz_30kHz_3500MHz_DFT-s-OFDM64QAM_RB162@0	57.892	60.421
60MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB162@0	57.859	60.307
60MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB162@0	57.905	60.368
70MHz_30kHz_3500MHz_CP-OFDM16QAM_RB189@0	67.509	70.098
70MHz_30kHz_3500MHz_CP-OFDM256QAM_RB189@0	67.327	70.017
70MHz_30kHz_3500MHz_CP-OFDM64QAM_RB189@0	67.233	70.158
70MHz_30kHz_3500MHz_CP-OFDM QPSK_RB189@0	67.306	70.169
70MHz_30kHz_3500MHz_DFT-s-OFDM16QAM_RB180@0	66.220	66.867
70MHz_30kHz_3500MHz_DFT-s-OFDM256QAM_RB180@0	66.685	66.836
70MHz_30kHz_3500MHz_DFT-s-OFDM64QAM_RB180@0	66.668	66.848
70MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB180@0	66.432	66.759
70MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB180@0	66.380	66.735
80MHz_30kHz_3500MHz_CP-OFDM16QAM_RB217@0	77.487	80.102
80MHz_30kHz_3500MHz_CP-OFDM256QAM_RB217@0	77.188	80.185
80MHz_30kHz_3500MHz_CP-OFDM64QAM_RB217@0	77.177	80.024
80MHz_30kHz_3500MHz_CP-OFDM QPSK_RB217@0	77.210	80.174
80MHz_30kHz_3500MHz_DFT-s-OFDM16QAM_RB216@0	76.873	79.836
80MHz_30kHz_3500MHz_DFT-s-OFDM256QAM_RB216@0	76.901	79.873

80MHz_30kHz_3500MHz_DFT-s-OFDM 64QAM_RB216@0	76.910	79.82
80MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB216@0	76.891	79.612
80MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB216@0	76.927	79.715
90MHz_30kHz_3500MHz_CP-OFDM 16QAM_RB245@0	86.928	90.139
90MHz_30kHz_3500MHz_CP-OFDM 256QAM_RB245@0	87.222	90.129
90MHz_30kHz_3500MHz_CP-OFDM 64QAM_RB245@0	87.203	90.343
90MHz_30kHz_3500MHz_CP-OFDM QPSK_RB245@0	87.289	90.231
90MHz_30kHz_3500MHz_DFT-s-OFDM 16QAM_RB243@0	86.502	89.382
90MHz_30kHz_3500MHz_DFT-s-OFDM 256QAM_RB243@0	86.577	89.484
90MHz_30kHz_3500MHz_DFT-s-OFDM 64QAM_RB243@0	86.510	89.564
90MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB243@0	86.558	89.458
90MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB243@0	86.905	89.483
100MHz_30kHz_3500MHz_CP-OFDM 16QAM_RB273@0	96.943	100.252
100MHz_30kHz_3500MHz_CP-OFDM 256QAM_RB273@0	96.867	100.219
100MHz_30kHz_3500MHz_CP-OFDM 64QAM_RB273@0	97.229	100.284
100MHz_30kHz_3500MHz_CP-OFDM QPSK_RB273@0	96.890	100.345
100MHz_30kHz_3500MHz_DFT-s-OFDM 16QAM_RB270@0	96.037	99.276
100MHz_30kHz_3500MHz_DFT-s-OFDM 256QAM_RB270@0	96.007	99.364
100MHz_30kHz_3500MHz_DFT-s-OFDM 64QAM_RB270@0	96.115	99.286
100MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB270@0	96.194	99.187
100MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB270@0	96.159	99.345

n78_1

Mode	99% OBW (MHz)	EBW (MHz)
10MHz_15kHz_3500MHz_CP-OFDM 16QAM_RB52@0	9.257	9.694
10MHz_15kHz_3500MHz_CP-OFDM 256QAM_RB52@0	9.251	9.711
10MHz_15kHz_3500MHz_CP-OFDM 64QAM_RB52@0	9.259	9.695
10MHz_15kHz_3500MHz_CP-OFDM QPSK_RB52@0	9.246	9.672
10MHz_15kHz_3500MHz_DFT-s-OFDM 16QAM_RB50@0	9.171	9.314
10MHz_15kHz_3500MHz_DFT-s-OFDM 256QAM_RB50@0	9.204	9.312
10MHz_15kHz_3500MHz_DFT-s-OFDM 64QAM_RB50@0	9.177	9.37
10MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB50@0	9.176	9.371
10MHz_15kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	9.167	9.312
10MHz_30kHz_3500MHz_CP-OFDM 16QAM_RB24@0	8.606	9.201
10MHz_30kHz_3500MHz_CP-OFDM 256QAM_RB24@0	8.564	9.126
10MHz_30kHz_3500MHz_CP-OFDM 64QAM_RB24@0	8.540	9.057
10MHz_30kHz_3500MHz_CP-OFDM QPSK_RB24@0	8.563	9.085
10MHz_30kHz_3500MHz_DFT-s-OFDM 16QAM_RB24@0	8.539	9.15
10MHz_30kHz_3500MHz_DFT-s-OFDM 256QAM_RB24@0	8.565	9.105
10MHz_30kHz_3500MHz_DFT-s-OFDM 64QAM_RB24@0	8.563	9.149
10MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB24@0	8.533	9.117

10MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB24@0	8.563	9.172
15MHz_15kHz_3500MHz_CP-OFDM 16QAM_RB79@0	14.106	14.795
15MHz_15kHz_3500MHz_CP-OFDM 256QAM_RB79@0	14.065	14.698
15MHz_15kHz_3500MHz_CP-OFDM 64QAM_RB79@0	14.061	14.744
15MHz_15kHz_3500MHz_CP-OFDM QPSK_RB79@0	14.062	14.797
15MHz_15kHz_3500MHz_DFT-s-OFDM 16QAM_RB75@0	13.945	14.019
15MHz_15kHz_3500MHz_DFT-s-OFDM 256QAM_RB75@0	13.982	14.034
15MHz_15kHz_3500MHz_DFT-s-OFDM 64QAM_RB75@0	13.942	13.997
15MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB75@0	13.981	14.076
15MHz_15kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0	13.934	14.082
15MHz_30kHz_3500MHz_CP-OFDM 16QAM_RB38@0	13.568	14.323
15MHz_30kHz_3500MHz_CP-OFDM 256QAM_RB38@0	13.589	14.501
15MHz_30kHz_3500MHz_CP-OFDM 64QAM_RB38@0	13.522	14.347
15MHz_30kHz_3500MHz_CP-OFDM QPSK_RB38@0	13.573	14.479
15MHz_30kHz_3500MHz_DFT-s-OFDM 16QAM_RB36@0	13.451	13.711
15MHz_30kHz_3500MHz_DFT-s-OFDM 256QAM_RB36@0	13.462	13.681
15MHz_30kHz_3500MHz_DFT-s-OFDM 64QAM_RB36@0	13.455	13.682
15MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB36@0	13.450	13.767
15MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB36@0	13.446	13.68
25MHz_15kHz_3500MHz_CP-OFDM 16QAM_RB133@0	23.632	24.71
25MHz_15kHz_3500MHz_CP-OFDM 256QAM_RB133@0	23.732	24.622
25MHz_15kHz_3500MHz_CP-OFDM 64QAM_RB133@0	23.638	24.693
25MHz_15kHz_3500MHz_CP-OFDM QPSK_RB133@0	23.719	24.582
25MHz_15kHz_3500MHz_DFT-s-OFDM 16QAM_RB128@0	23.526	23.708
25MHz_15kHz_3500MHz_DFT-s-OFDM 256QAM_RB128@0	23.435	23.73
25MHz_15kHz_3500MHz_DFT-s-OFDM 64QAM_RB128@0	23.502	23.697
25MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB128@0	23.410	23.814
25MHz_15kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB128@0	23.429	23.754
25MHz_30kHz_3500MHz_CP-OFDM 16QAM_RB65@0	23.144	24.247
25MHz_30kHz_3500MHz_CP-OFDM 256QAM_RB65@0	23.135	24.272
25MHz_30kHz_3500MHz_CP-OFDM 64QAM_RB65@0	23.213	24.278
25MHz_30kHz_3500MHz_CP-OFDM QPSK_RB65@0	23.130	24.243
25MHz_30kHz_3500MHz_DFT-s-OFDM 16QAM_RB64@0	22.936	23.943
25MHz_30kHz_3500MHz_DFT-s-OFDM 256QAM_RB64@0	22.945	23.864
25MHz_30kHz_3500MHz_DFT-s-OFDM 64QAM_RB64@0	23.131	23.966
25MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB64@0	22.925	23.795
25MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB64@0	23.007	24.093
30MHz_15kHz_3500MHz_CP-OFDM 16QAM_RB160@0	28.440	29.514
30MHz_15kHz_3500MHz_CP-OFDM 256QAM_RB160@0	28.477	29.659
30MHz_15kHz_3500MHz_CP-OFDM 64QAM_RB160@0	28.475	29.647
30MHz_15kHz_3500MHz_CP-OFDM QPSK_RB160@0	28.493	29.609
30MHz_15kHz_3500MHz_DFT-s-OFDM 16QAM_RB160@0	28.566	29.686

30MHz_15kHz_3500MHz_DFT-s-OFDM256QAM_RB160@0	28.489	29.701
30MHz_15kHz_3500MHz_DFT-s-OFDM64QAM_RB160@0	28.460	29.734
30MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB160@0	28.458	29.54
30MHz_15kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB160@0	28.474	29.536
30MHz_30kHz_3500MHz_CP-OFDM16QAM_RB78@0	27.854	29.112
30MHz_30kHz_3500MHz_CP-OFDM256QAM_RB78@0	27.760	29.118
30MHz_30kHz_3500MHz_CP-OFDM64QAM_RB78@0	27.773	29.182
30MHz_30kHz_3500MHz_CP-OFDM QPSK_RB78@0	27.766	29.068
30MHz_30kHz_3500MHz_DFT-s-OFDM16QAM_RB75@0	27.519	28.107
30MHz_30kHz_3500MHz_DFT-s-OFDM256QAM_RB75@0	27.508	27.972
30MHz_30kHz_3500MHz_DFT-s-OFDM64QAM_RB75@0	27.534	28.259
30MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB75@0	27.500	28.093
30MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0	27.604	28.082
40MHz_15kHz_3500MHz_CP-OFDM16QAM_RB216@0	38.462	40.036
40MHz_15kHz_3500MHz_CP-OFDM256QAM_RB216@0	38.448	40.084
40MHz_15kHz_3500MHz_CP-OFDM64QAM_RB216@0	38.429	39.968
40MHz_15kHz_3500MHz_CP-OFDM QPSK_RB216@0	38.415	39.837
40MHz_15kHz_3500MHz_DFT-s-OFDM16QAM_RB216@0	38.431	39.969
40MHz_15kHz_3500MHz_DFT-s-OFDM256QAM_RB216@0	38.426	40.037
40MHz_15kHz_3500MHz_DFT-s-OFDM64QAM_RB216@0	38.452	40.029
40MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB216@0	38.312	39.935
40MHz_15kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB216@0	38.472	40.084
40MHz_30kHz_3500MHz_CP-OFDM16QAM_RB106@0	37.672	39.595
40MHz_30kHz_3500MHz_CP-OFDM256QAM_RB106@0	37.769	39.516
40MHz_30kHz_3500MHz_CP-OFDM64QAM_RB106@0	37.671	39.532
40MHz_30kHz_3500MHz_CP-OFDM QPSK_RB106@0	37.634	39.444
40MHz_30kHz_3500MHz_DFT-s-OFDM16QAM_RB100@0	37.350	37.503
40MHz_30kHz_3500MHz_DFT-s-OFDM256QAM_RB100@0	37.619	37.418
40MHz_30kHz_3500MHz_DFT-s-OFDM64QAM_RB100@0	37.493	37.335
40MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB100@0	37.320	37.47
40MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	37.301	37.467
50MHz_15kHz_3500MHz_CP-OFDM16QAM_RB270@0	48.077	49.733
50MHz_15kHz_3500MHz_CP-OFDM256QAM_RB270@0	48.080	49.822
50MHz_15kHz_3500MHz_CP-OFDM64QAM_RB270@0	48.045	49.675
50MHz_15kHz_3500MHz_CP-OFDM QPSK_RB270@0	48.009	49.665
50MHz_15kHz_3500MHz_DFT-s-OFDM16QAM_RB270@0	48.037	49.685
50MHz_15kHz_3500MHz_DFT-s-OFDM256QAM_RB270@0	48.063	49.742
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50MHz_15kHz_3500MHz_DFT-s-OFDM QPSK_RB270@0	48.086	49.819
50MHz_15kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB270@0	48.080	49.708
50MHz_30kHz_3500MHz_CP-OFDM16QAM_RB133@0	47.245	49.22
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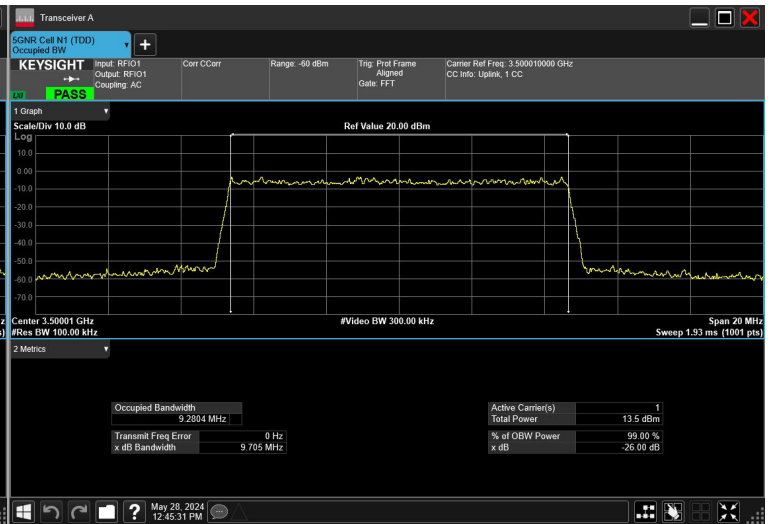
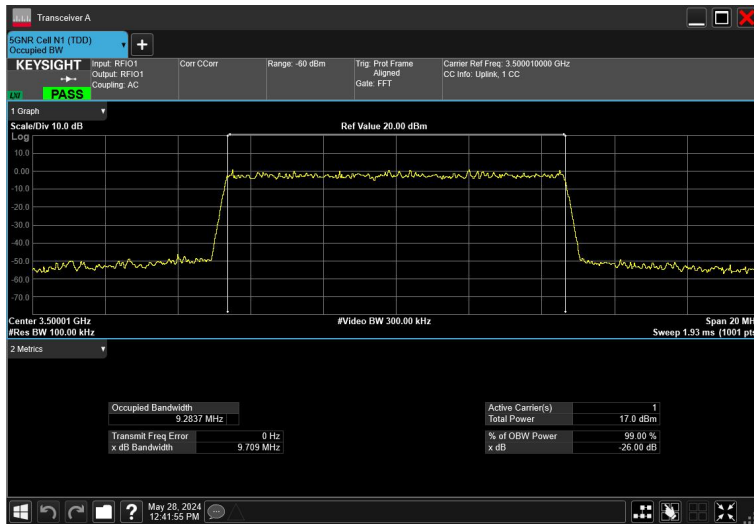
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50MHz_30kHz_3500MHz_DFT-s-OFDM 256QAM_RB128@0	46.854	47.438
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50MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB128@0	46.866	47.371
60MHz_30kHz_3500MHz_CP-OFDM 16QAM_RB162@0	57.843	60.37
60MHz_30kHz_3500MHz_CP-OFDM 256QAM_RB162@0	57.687	60.378
60MHz_30kHz_3500MHz_CP-OFDM 64QAM_RB162@0	57.864	60.386
60MHz_30kHz_3500MHz_CP-OFDM QPSK_RB162@0	57.657	60.292
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60MHz_30kHz_3500MHz_DFT-s-OFDM 256QAM_RB162@0	57.647	60.365
60MHz_30kHz_3500MHz_DFT-s-OFDM 64QAM_RB162@0	57.688	60.195
60MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB162@0	57.695	60.207
60MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB162@0	57.675	60.361
70MHz_30kHz_3500MHz_CP-OFDM 16QAM_RB189@0	67.578	70.073
70MHz_30kHz_3500MHz_CP-OFDM 256QAM_RB189@0	67.343	70.09
70MHz_30kHz_3500MHz_CP-OFDM 64QAM_RB189@0	67.273	70.19
70MHz_30kHz_3500MHz_CP-OFDM QPSK_RB189@0	67.313	70.006
70MHz_30kHz_3500MHz_DFT-s-OFDM 16QAM_RB180@0	66.655	66.889
70MHz_30kHz_3500MHz_DFT-s-OFDM 256QAM_RB180@0	66.597	66.955
70MHz_30kHz_3500MHz_DFT-s-OFDM 64QAM_RB180@0	66.585	66.805
70MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB180@0	66.988	66.714
70MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB180@0	66.319	66.781
80MHz_30kHz_3500MHz_CP-OFDM 16QAM_RB217@0	77.254	80.095
80MHz_30kHz_3500MHz_CP-OFDM 256QAM_RB217@0	77.188	80.21
80MHz_30kHz_3500MHz_CP-OFDM 64QAM_RB217@0	77.171	80.121
80MHz_30kHz_3500MHz_CP-OFDM QPSK_RB217@0	77.140	80.169
80MHz_30kHz_3500MHz_DFT-s-OFDM 16QAM_RB216@0	76.874	79.751
80MHz_30kHz_3500MHz_DFT-s-OFDM 256QAM_RB216@0	76.882	79.833
80MHz_30kHz_3500MHz_DFT-s-OFDM 64QAM_RB216@0	76.891	79.947
80MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB216@0	76.921	79.722
80MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB216@0	76.893	79.755
90MHz_30kHz_3500MHz_CP-OFDM 16QAM_RB245@0	86.938	90.138
90MHz_30kHz_3500MHz_CP-OFDM 256QAM_RB245@0	86.921	90.099
90MHz_30kHz_3500MHz_CP-OFDM 64QAM_RB245@0	86.929	90.198
90MHz_30kHz_3500MHz_CP-OFDM QPSK_RB245@0	87.277	90.272
90MHz_30kHz_3500MHz_DFT-s-OFDM 16QAM_RB243@0	86.558	89.619
90MHz_30kHz_3500MHz_DFT-s-OFDM 256QAM_RB243@0	86.465	89.528
90MHz_30kHz_3500MHz_DFT-s-OFDM 64QAM_RB243@0	86.451	89.516

90MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB243@0	86.152	89.408
90MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB243@0	86.538	89.529
100MHz_30kHz_3500MHz_CP-OFDM 16QAM_RB273@0	96.926	100.26
100MHz_30kHz_3500MHz_CP-OFDM 256QAM_RB273@0	96.922	100.225
100MHz_30kHz_3500MHz_CP-OFDM 64QAM_RB273@0	97.000	100.306
100MHz_30kHz_3500MHz_CP-OFDM QPSK_RB273@0	96.873	100.262
100MHz_30kHz_3500MHz_DFT-s-OFDM 16QAM_RB270@0	96.050	99.315
100MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB270@0	96.179	99.275
100MHz_30kHz_3500MHz_DFT-s-OFDM 64QAM_RB270@0	96.161	99.238
100MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB270@0	96.011	99.165
100MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB270@0	96.149	99.245

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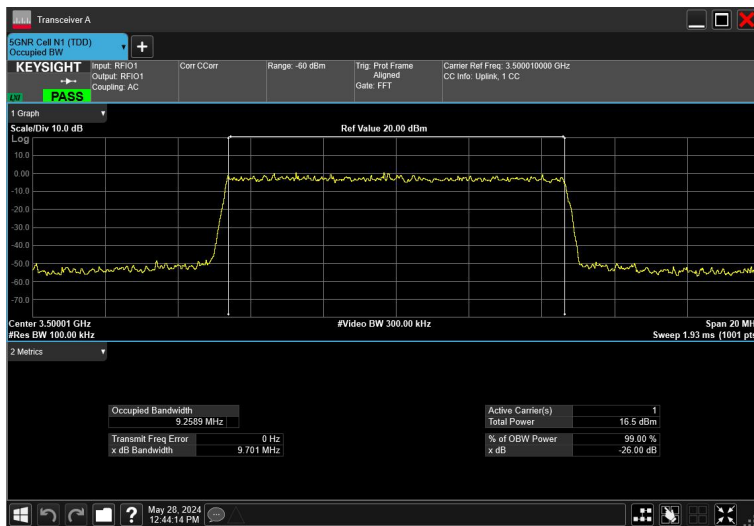
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10MHz_15kHz_3500MHz_CP-OFDM QPSK_RB52@0



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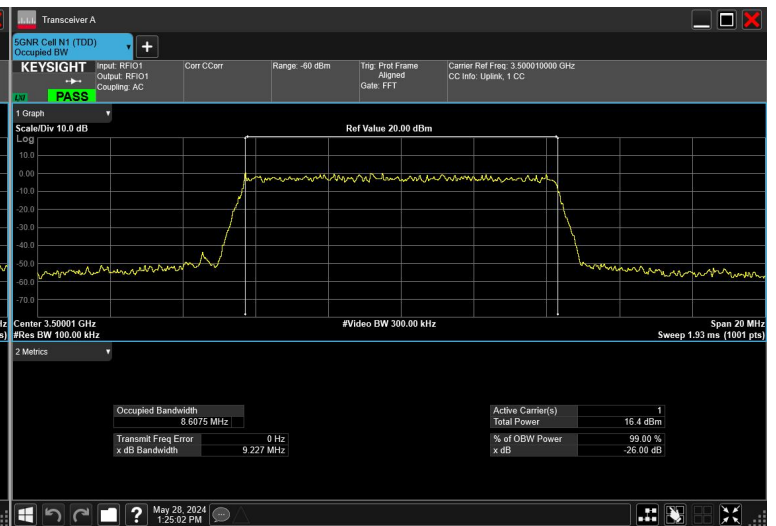
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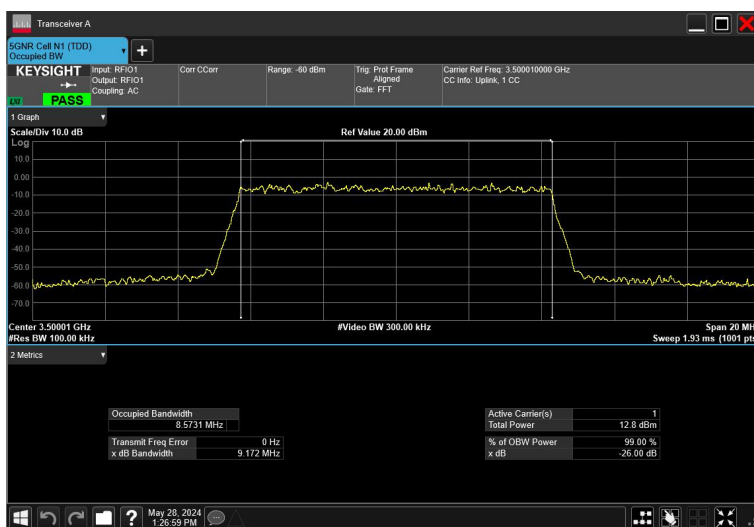
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10MHz_30kHz_3500MHz_CP-OFDM 16QAM_RB24@0



10MHz_30kHz_3500MHz_CP-OFDM 256QAM_RB24@0



10MHz_30kHz_3500MHz_CP-OFDM 64QAM_RB24@0

