

| BW  | MCS Index      | RB    | RB Size | RB Offset | Low CH 648000     | Mid CH 656000     | High CH 664000    | Max. Tune-up (dBm) |
|-----|----------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                |       |         |           | Frequency 3720MHz | Frequency 3840MHz | Frequency 3960MHz |                    |
| 40M | CP-OFDM QPSK   | Outer | 1       | 0         | 23.89             | 23.72             | 23.69             | 23                 |
|     |                |       | 1       | 105       | 23.23             | 23.11             | 23.10             | 23                 |
|     |                |       | 2       | 0         | 24.20             | 24.01             | 23.86             | 23                 |
|     |                |       | 2       | 104       | 23.26             | 23.22             | 23.10             | 23                 |
|     |                |       | 106     | 0         | 24.10             | 23.89             | 23.86             | 23                 |
|     |                | Inner | 1       | 1         | 25.16             | 25.06             | 24.93             | 24                 |
|     |                |       | 1       | 104       | 24.38             | 24.22             | 24.24             | 24                 |
|     |                |       | 53      | 26        | 24.55             | 24.37             | 24.35             | 24                 |
|     | CP-OFDM 16QAM  | Outer | 1       | 0         | 24.12             | 24.08             | 23.95             | 23                 |
|     |                |       | 1       | 105       | 23.54             | 23.32             | 23.32             | 23                 |
|     |                |       | 2       | 0         | 23.96             | 23.97             | 23.84             | 23                 |
|     |                |       | 2       | 104       | 23.36             | 23.20             | 23.16             | 23                 |
|     |                |       | 106     | 0         | 24.06             | 23.92             | 23.89             | 23                 |
|     |                | Inner | 1       | 1         | 24.91             | 24.71             | 24.73             | 24                 |
|     |                |       | 1       | 104       | 24.18             | 24.09             | 24.03             | 24                 |
|     |                |       | 53      | 26        | 24.57             | 24.39             | 24.37             | 24                 |
|     | CP-OFDM 64QAM  | Outer | 1       | 0         | 24.22             | 24.08             | 23.94             | 23                 |
|     |                |       | 1       | 105       | 23.56             | 23.36             | 23.32             | 23                 |
|     |                |       | 2       | 0         | 24.00             | 23.77             | 23.78             | 23                 |
|     |                |       | 2       | 104       | 23.25             | 23.07             | 23.06             | 23                 |
|     |                |       | 106     | 0         | 23.48             | 23.52             | 23.38             | 23                 |
|     |                | Inner | 1       | 1         | 24.73             | 24.51             | 24.49             | 23                 |
|     |                |       | 1       | 104       | 24.55             | 24.39             | 24.24             | 23                 |
|     |                |       | 53      | 26        | 24.34             | 24.26             | 24.24             | 23                 |
|     | CP-OFDM 256QAM | Outer | 1       | 0         | 22.41             | 22.31             | 22.11             | 20                 |
|     |                |       | 1       | 105       | 22.36             | 22.20             | 22.21             | 20                 |
|     |                |       | 2       | 0         | 22.46             | 22.27             | 22.14             | 20                 |
|     |                |       | 2       | 104       | 22.28             | 22.14             | 22.07             | 20                 |
|     |                |       | 106     | 0         | 22.59             | 22.39             | 22.32             | 20                 |
|     |                | Inner | 1       | 1         | 23.44             | 23.25             | 23.31             | 20                 |
|     |                |       | 1       | 104       | 23.37             | 23.23             | 23.06             | 20                 |
|     |                |       | 53      | 26        | 23.54             | 23.42             | 23.33             | 20                 |

| BW  | MCS Index      | RB    | RB Size | RB Offset | Low CH 648334     | Mid CH 656000     | High CH 663666    | Max. Tune-up (dBm) |
|-----|----------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                |       |         |           | Frequency 3725MHz | Frequency 3840MHz | Frequency 3955MHz |                    |
| 50M | CP-OFDM QPSK   | Outer | 1       | 0         | 23.88             | 23.73             | 23.65             | 23                 |
|     |                |       | 1       | 132       | 23.24             | 23.09             | 23.12             | 23                 |
|     |                |       | 2       | 0         | 24.16             | 23.97             | 23.87             | 23                 |
|     |                |       | 2       | 131       | 23.27             | 23.18             | 23.11             | 23                 |
|     |                |       | 133     | 0         | 24.04             | 23.93             | 23.82             | 23                 |
|     |                | Inner | 1       | 1         | 25.19             | 25.03             | 25.00             | 24                 |
|     |                |       | 1       | 131       | 24.36             | 24.23             | 24.20             | 24                 |
|     |                |       | 67      | 33        | 24.49             | 24.38             | 24.36             | 24                 |
|     | CP-OFDM 16QAM  | Outer | 1       | 0         | 24.09             | 24.08             | 23.94             | 23                 |
|     |                |       | 1       | 132       | 23.54             | 23.27             | 23.36             | 23                 |
|     |                |       | 2       | 0         | 23.96             | 23.92             | 23.78             | 23                 |
|     |                |       | 2       | 131       | 23.34             | 23.23             | 23.18             | 23                 |
|     |                |       | 133     | 0         | 24.05             | 23.89             | 23.90             | 23                 |
|     |                | Inner | 1       | 1         | 24.94             | 24.74             | 24.70             | 24                 |
|     |                |       | 1       | 131       | 24.16             | 24.11             | 24.01             | 24                 |
|     |                |       | 67      | 33        | 24.62             | 24.39             | 24.35             | 24                 |
|     | CP-OFDM 64QAM  | Outer | 1       | 0         | 24.22             | 24.08             | 23.94             | 23                 |
|     |                |       | 1       | 132       | 23.52             | 23.36             | 23.26             | 23                 |
|     |                |       | 2       | 0         | 24.06             | 23.77             | 23.77             | 23                 |
|     |                |       | 2       | 131       | 23.21             | 23.09             | 23.06             | 23                 |
|     |                |       | 133     | 0         | 23.54             | 23.48             | 23.32             | 23                 |
|     |                | Inner | 1       | 1         | 24.69             | 24.50             | 24.51             | 23                 |
|     |                |       | 1       | 131       | 24.54             | 24.36             | 24.25             | 23                 |
|     |                |       | 67      | 33        | 24.31             | 24.32             | 24.22             | 23                 |
|     | CP-OFDM 256QAM | Outer | 1       | 0         | 22.40             | 22.32             | 22.12             | 20                 |
|     |                |       | 1       | 132       | 22.33             | 22.23             | 22.17             | 20                 |
|     |                |       | 2       | 0         | 22.45             | 22.29             | 22.12             | 20                 |
|     |                |       | 2       | 131       | 22.28             | 22.09             | 22.09             | 20                 |
|     |                |       | 133     | 0         | 22.64             | 22.36             | 22.32             | 20                 |
|     |                | Inner | 1       | 1         | 23.45             | 23.24             | 23.35             | 20                 |
|     |                |       | 1       | 131       | 23.43             | 23.26             | 23.00             | 20                 |
|     |                |       | 67      | 33        | 23.55             | 23.36             | 23.33             | 20                 |

| BW  | MCS Index      | RB    | RB Size | RB Offset | Low CH 648668     | Mid CH 656000     | High CH 663332    | Max. Tune-up (dBm) |
|-----|----------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                |       |         |           | Frequency 3730MHz | Frequency 3840MHz | Frequency 3950MHz |                    |
| 60M | CP-OFDM QPSK   | Outer | 1       | 0         | 23.87             | 23.78             | 23.64             | 23                 |
|     |                |       | 1       | 161       | 23.19             | 23.12             | 23.12             | 23                 |
|     |                |       | 2       | 0         | 24.17             | 24.00             | 23.83             | 23                 |
|     |                |       | 2       | 160       | 23.23             | 23.22             | 23.11             | 23                 |
|     |                |       | 162     | 0         | 24.08             | 23.89             | 23.86             | 23                 |
|     |                | Inner | 1       | 1         | 25.17             | 25.06             | 24.96             | 24                 |
|     |                |       | 1       | 160       | 24.35             | 24.20             | 24.23             | 24                 |
|     |                |       | 81      | 40        | 24.48             | 24.41             | 24.33             | 24                 |
|     | CP-OFDM 16QAM  | Outer | 1       | 0         | 24.15             | 24.02             | 23.97             | 23                 |
|     |                |       | 1       | 161       | 23.48             | 23.29             | 23.30             | 23                 |
|     |                |       | 2       | 0         | 23.98             | 23.96             | 23.80             | 23                 |
|     |                |       | 2       | 160       | 23.35             | 23.17             | 23.23             | 23                 |
|     |                |       | 162     | 0         | 24.08             | 23.89             | 23.87             | 23                 |
|     |                | Inner | 1       | 1         | 24.90             | 24.71             | 24.72             | 24                 |
|     |                |       | 1       | 160       | 24.20             | 24.11             | 24.01             | 24                 |
|     |                |       | 81      | 40        | 24.59             | 24.36             | 24.33             | 24                 |
|     | CP-OFDM 64QAM  | Outer | 1       | 0         | 24.29             | 24.04             | 23.98             | 23                 |
|     |                |       | 1       | 161       | 23.53             | 23.37             | 23.28             | 23                 |
|     |                |       | 2       | 0         | 24.06             | 23.75             | 23.83             | 23                 |
|     |                |       | 2       | 160       | 23.21             | 23.03             | 23.07             | 23                 |
|     |                |       | 162     | 0         | 23.48             | 23.49             | 23.35             | 23                 |
|     |                | Inner | 1       | 1         | 24.72             | 24.51             | 24.55             | 23                 |
|     |                |       | 1       | 160       | 24.54             | 24.34             | 24.27             | 23                 |
|     |                |       | 81      | 40        | 24.31             | 24.33             | 24.26             | 23                 |
|     | CP-OFDM 256QAM | Outer | 1       | 0         | 22.38             | 22.28             | 22.11             | 20                 |
|     |                |       | 1       | 161       | 22.33             | 22.27             | 22.23             | 20                 |
|     |                |       | 2       | 0         | 22.43             | 22.25             | 22.16             | 20                 |
|     |                |       | 2       | 160       | 22.31             | 22.08             | 22.13             | 20                 |
|     |                |       | 162     | 0         | 22.65             | 22.40             | 22.26             | 20                 |
|     |                | Inner | 1       | 1         | 23.46             | 23.29             | 23.30             | 20                 |
|     |                |       | 1       | 160       | 23.42             | 23.27             | 23.04             | 20                 |
|     |                |       | 81      | 40        | 23.56             | 23.39             | 23.38             | 20                 |

| BW  | MCS Index      | RB    | RB Size | RB Offset | Low CH 649000     | Mid CH 656000     | High CH 663000    | Max. Tune-up (dBm) |
|-----|----------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                |       |         |           | Frequency 3735MHz | Frequency 3840MHz | Frequency 3945MHz |                    |
| 70M | CP-OFDM QPSK   | Outer | 1       | 0         | 23.90             | 23.74             | 23.68             | 23                 |
|     |                |       | 1       | 188       | 23.25             | 23.12             | 23.06             | 23                 |
|     |                |       | 2       | 0         | 24.15             | 24.02             | 23.84             | 23                 |
|     |                |       | 2       | 187       | 23.29             | 23.16             | 23.11             | 23                 |
|     |                |       | 189     | 0         | 24.06             | 23.86             | 23.85             | 23                 |
|     |                | Inner | 1       | 1         | 25.22             | 25.06             | 24.93             | 24                 |
|     |                |       | 1       | 187       | 24.35             | 24.17             | 24.19             | 24                 |
|     |                |       | 95      | 47        | 24.54             | 24.42             | 24.34             | 24                 |
|     | CP-OFDM 16QAM  | Outer | 1       | 0         | 24.15             | 24.02             | 23.98             | 23                 |
|     |                |       | 1       | 188       | 23.48             | 23.31             | 23.33             | 23                 |
|     |                |       | 2       | 0         | 24.02             | 23.90             | 23.85             | 23                 |
|     |                |       | 2       | 187       | 23.32             | 23.21             | 23.19             | 23                 |
|     |                |       | 189     | 0         | 24.09             | 23.88             | 23.90             | 23                 |
|     |                | Inner | 1       | 1         | 24.94             | 24.72             | 24.69             | 24                 |
|     |                |       | 1       | 187       | 24.15             | 24.05             | 24.07             | 24                 |
|     |                |       | 95      | 47        | 24.63             | 24.42             | 24.31             | 24                 |
|     | CP-OFDM 64QAM  | Outer | 1       | 0         | 24.23             | 24.02             | 23.94             | 23                 |
|     |                |       | 1       | 188       | 23.55             | 23.38             | 23.31             | 23                 |
|     |                |       | 2       | 0         | 24.06             | 23.76             | 23.80             | 23                 |
|     |                |       | 2       | 187       | 23.20             | 23.03             | 23.06             | 23                 |
|     |                |       | 189     | 0         | 23.54             | 23.52             | 23.36             | 23                 |
|     |                | Inner | 1       | 1         | 24.69             | 24.52             | 24.56             | 23                 |
|     |                |       | 1       | 187       | 24.55             | 24.39             | 24.27             | 23                 |
|     |                |       | 95      | 47        | 24.31             | 24.27             | 24.26             | 23                 |
|     | CP-OFDM 256QAM | Outer | 1       | 0         | 22.41             | 22.29             | 22.16             | 20                 |
|     |                |       | 1       | 188       | 22.38             | 22.27             | 22.19             | 20                 |
|     |                |       | 2       | 0         | 22.41             | 22.22             | 22.14             | 20                 |
|     |                |       | 2       | 187       | 22.30             | 22.10             | 22.12             | 20                 |
|     |                |       | 189     | 0         | 22.64             | 22.37             | 22.29             | 20                 |
|     |                | Inner | 1       | 1         | 23.44             | 23.24             | 23.34             | 20                 |
|     |                |       | 1       | 187       | 23.42             | 23.20             | 23.07             | 20                 |
|     |                |       | 95      | 47        | 23.54             | 23.40             | 23.34             | 20                 |

| BW  | MCS Index      | RB    | RB Size | RB Offset | Low CH 649334     | Mid CH 656000     | High CH 662666    | Max. Tune-up (dBm) |
|-----|----------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                |       |         |           | Frequency 3740MHz | Frequency 3840MHz | Frequency 3940MHz |                    |
| 80M | CP-OFDM QPSK   | Outer | 1       | 0         | 23.88             | 23.73             | 23.65             | 23                 |
|     |                |       | 1       | 216       | 23.24             | 23.09             | 23.12             | 23                 |
|     |                |       | 2       | 0         | 24.16             | 23.97             | 23.87             | 23                 |
|     |                |       | 2       | 215       | 23.27             | 23.18             | 23.11             | 23                 |
|     |                |       | 217     | 0         | 24.04             | 23.93             | 23.82             | 23                 |
|     |                | Inner | 1       | 1         | 25.19             | 25.03             | 25.00             | 24                 |
|     |                |       | 1       | 215       | 24.36             | 24.23             | 24.20             | 24                 |
|     |                |       | 109     | 54        | 24.49             | 24.38             | 24.36             | 24                 |
|     | CP-OFDM 16QAM  | Outer | 1       | 0         | 24.09             | 24.08             | 23.94             | 23                 |
|     |                |       | 1       | 216       | 23.54             | 23.27             | 23.36             | 23                 |
|     |                |       | 2       | 0         | 23.96             | 23.92             | 23.78             | 23                 |
|     |                |       | 2       | 215       | 23.34             | 23.23             | 23.18             | 23                 |
|     |                |       | 217     | 0         | 24.05             | 23.89             | 23.90             | 23                 |
|     |                | Inner | 1       | 1         | 24.90             | 24.72             | 24.69             | 24                 |
|     |                |       | 1       | 215       | 24.14             | 24.08             | 24.07             | 24                 |
|     |                |       | 109     | 54        | 24.56             | 24.42             | 24.33             | 24                 |
|     | CP-OFDM 64QAM  | Outer | 1       | 0         | 24.22             | 24.09             | 23.98             | 23                 |
|     |                |       | 1       | 216       | 23.54             | 23.39             | 23.25             | 23                 |
|     |                |       | 2       | 0         | 24.00             | 23.82             | 23.83             | 23                 |
|     |                |       | 2       | 215       | 23.22             | 23.06             | 23.00             | 23                 |
|     |                |       | 217     | 0         | 23.50             | 23.51             | 23.37             | 23                 |
|     |                | Inner | 1       | 1         | 24.69             | 24.50             | 24.52             | 23                 |
|     |                |       | 1       | 215       | 24.49             | 24.36             | 24.30             | 23                 |
|     |                |       | 109     | 54        | 24.31             | 24.32             | 24.22             | 23                 |
|     | CP-OFDM 256QAM | Outer | 1       | 0         | 22.34             | 22.32             | 22.17             | 20                 |
|     |                |       | 1       | 216       | 22.37             | 22.23             | 22.17             | 20                 |
|     |                |       | 2       | 0         | 22.40             | 22.29             | 22.18             | 20                 |
|     |                |       | 2       | 215       | 22.28             | 22.11             | 22.10             | 20                 |
|     |                |       | 217     | 0         | 22.64             | 22.36             | 22.33             | 20                 |
|     |                | Inner | 1       | 1         | 23.42             | 23.28             | 23.31             | 20                 |
|     |                |       | 1       | 215       | 23.41             | 23.22             | 23.06             | 20                 |
|     |                |       | 109     | 54        | 23.60             | 23.37             | 23.34             | 20                 |

| BW  | MCS Index      | RB    | RB Size | RB Offset | Low CH 649668     | Mid CH 656000     | High CH 662332    | Max. Tune-up (dBm) |
|-----|----------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                |       |         |           | Frequency 3745MHz | Frequency 3840MHz | Frequency 3935MHz |                    |
| 90M | CP-OFDM QPSK   | Outer | 1       | 0         | 23.92             | 23.76             | 23.62             | 23                 |
|     |                |       | 1       | 244       | 23.22             | 23.14             | 23.08             | 23                 |
|     |                |       | 2       | 0         | 24.19             | 24.04             | 23.84             | 23                 |
|     |                |       | 2       | 243       | 23.25             | 23.18             | 23.15             | 23                 |
|     |                |       | 245     | 0         | 24.11             | 23.92             | 23.82             | 23                 |
|     |                | Inner | 1       | 1         | 25.15             | 25.01             | 24.99             | 24                 |
|     |                |       | 1       | 243       | 24.41             | 24.21             | 24.22             | 24                 |
|     |                |       | 123     | 61        | 24.53             | 24.42             | 24.32             | 24                 |
|     | CP-OFDM 16QAM  | Outer | 1       | 0         | 24.13             | 24.05             | 23.97             | 23                 |
|     |                |       | 1       | 244       | 23.50             | 23.33             | 23.35             | 23                 |
|     |                |       | 2       | 0         | 24.02             | 23.90             | 23.85             | 23                 |
|     |                |       | 2       | 243       | 23.32             | 23.21             | 23.19             | 23                 |
|     |                |       | 245     | 0         | 24.09             | 23.88             | 23.90             | 23                 |
|     |                | Inner | 1       | 1         | 24.95             | 24.74             | 24.66             | 24                 |
|     |                |       | 1       | 243       | 24.15             | 24.10             | 24.05             | 24                 |
|     |                |       | 123     | 61        | 24.62             | 24.37             | 24.34             | 24                 |
|     | CP-OFDM 64QAM  | Outer | 1       | 0         | 24.24             | 24.02             | 23.98             | 23                 |
|     |                |       | 1       | 244       | 23.57             | 23.42             | 23.25             | 23                 |
|     |                |       | 2       | 0         | 24.01             | 23.75             | 23.79             | 23                 |
|     |                |       | 2       | 243       | 23.24             | 23.10             | 23.04             | 23                 |
|     |                |       | 245     | 0         | 23.54             | 23.45             | 23.39             | 23                 |
|     |                | Inner | 1       | 1         | 24.67             | 24.53             | 24.52             | 23                 |
|     |                |       | 1       | 243       | 24.54             | 24.33             | 24.31             | 23                 |
|     |                |       | 123     | 61        | 24.31             | 24.30             | 24.23             | 23                 |
|     | CP-OFDM 256QAM | Outer | 1       | 0         | 22.39             | 22.27             | 22.17             | 20                 |
|     |                |       | 1       | 244       | 22.39             | 22.21             | 22.20             | 20                 |
|     |                |       | 2       | 0         | 22.42             | 22.22             | 22.18             | 20                 |
|     |                |       | 2       | 243       | 22.32             | 22.14             | 22.06             | 20                 |
|     |                |       | 245     | 0         | 22.59             | 22.36             | 22.28             | 20                 |
|     |                | Inner | 1       | 1         | 23.47             | 23.26             | 23.34             | 20                 |
|     |                |       | 1       | 243       | 23.42             | 23.21             | 23.03             | 20                 |
|     |                |       | 123     | 61        | 23.56             | 23.36             | 23.37             | 20                 |

| BW   | MCS Index      | RB    | RB Size | RB Offset | Low CH 650000     | Mid CH 656000     | High CH 662000    | Max. Tune-up (dBm) |
|------|----------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|      |                |       |         |           | Frequency 3750MHz | Frequency 3840MHz | Frequency 3930MHz |                    |
| 100M | CP-OFDM QPSK   | Outer | 1       | 0         | 23.93             | 23.80             | 23.70             | 23                 |
|      |                |       | 1       | 272       | 23.26             | 23.17             | 23.14             | 23                 |
|      |                |       | 2       | 0         | 24.21             | 24.05             | 23.88             | 23                 |
|      |                |       | 2       | 271       | 23.31             | 23.23             | 23.16             | 23                 |
|      |                |       | 273     | 0         | 24.12             | 23.94             | 23.87             | 23                 |
|      |                | Inner | 1       | 1         | 25.23             | 25.08             | 25.01             | 24                 |
|      |                |       | 1       | 271       | 24.42             | 24.25             | 24.25             | 24                 |
|      |                |       | 137     | 68        | 24.56             | 24.43             | 24.38             | 24                 |
|      | CP-OFDM 16QAM  | Outer | 1       | 0         | 24.17             | 24.10             | 23.99             | 23                 |
|      |                |       | 1       | 272       | 23.56             | 23.35             | 23.38             | 23                 |
|      |                |       | 2       | 0         | 24.04             | 23.98             | 23.86             | 23                 |
|      |                |       | 2       | 271       | 23.40             | 23.25             | 23.24             | 23                 |
|      |                |       | 273     | 0         | 24.12             | 23.94             | 23.92             | 23                 |
|      |                | Inner | 1       | 1         | 24.96             | 24.79             | 24.74             | 24                 |
|      |                |       | 1       | 271       | 24.21             | 24.13             | 24.09             | 24                 |
|      |                |       | 137     | 68        | 24.64             | 24.44             | 24.39             | 24                 |
|      | CP-OFDM 64QAM  | Outer | 1       | 0         | 24.30             | 24.10             | 24.00             | 23                 |
|      |                |       | 1       | 272       | 23.58             | 23.44             | 23.33             | 23                 |
|      |                |       | 2       | 0         | 24.08             | 23.83             | 23.85             | 23                 |
|      |                |       | 2       | 271       | 23.26             | 23.11             | 23.08             | 23                 |
|      |                |       | 273     | 0         | 23.56             | 23.53             | 23.40             | 23                 |
|      |                | Inner | 1       | 1         | 24.75             | 24.57             | 24.57             | 23                 |
|      |                |       | 1       | 271       | 24.56             | 24.41             | 24.32             | 23                 |
|      |                |       | 137     | 68        | 24.39             | 24.34             | 24.28             | 23                 |
|      | CP-OFDM 256QAM | Outer | 1       | 0         | 22.42             | 22.33             | 22.19             | 20                 |
|      |                |       | 1       | 272       | 22.41             | 22.28             | 22.25             | 20                 |
|      |                |       | 2       | 0         | 22.48             | 22.30             | 22.20             | 20                 |
|      |                |       | 2       | 271       | 22.33             | 22.16             | 22.14             | 20                 |
|      |                |       | 273     | 0         | 22.66             | 22.44             | 22.34             | 20                 |
|      |                | Inner | 1       | 1         | 23.50             | 23.32             | 23.36             | 20                 |
|      |                |       | 1       | 271       | 23.44             | 23.28             | 23.08             | 20                 |
|      |                |       | 137     | 68        | 23.62             | 23.44             | 23.39             | 20                 |

| BW  | MCS Index            | RB    | RB Size | RB Offset | Low CH 647334     | Mid CH 656000     | High CH 664666    | Max. Tune-up (dBm) |
|-----|----------------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                      |       |         |           | Frequency 3710MHz | Frequency 3840MHz | Frequency 3970MHz |                    |
| 20M | DFT-s-OFDM Pi/2 BPSK | Outer | 1       | 0         | 23.56             | 23.32             | 23.22             | 23                 |
|     |                      |       | 1       | 50        | 22.86             | 22.65             | 22.55             | 23                 |
|     |                      |       | 2       | 0         | 23.69             | 23.48             | 23.26             | 23                 |
|     |                      |       | 2       | 49        | 22.90             | 22.69             | 22.60             | 23                 |
|     |                      |       | 50      | 0         | 23.62             | 23.34             | 23.29             | 24                 |
|     |                      | Inner | 1       | 1         | 26.64             | 26.40             | 26.23             | 24                 |
|     |                      |       | 1       | 49        | 25.90             | 25.64             | 25.62             | 24                 |
|     |                      |       | 25      | 12        | 26.05             | 25.85             | 25.73             | 24                 |
|     | DFT-s-OFDM QPSK      | Outer | 1       | 0         | 23.55             | 23.34             | 23.26             | 23                 |
|     |                      |       | 1       | 50        | 22.90             | 22.65             | 22.63             | 23                 |
|     |                      |       | 2       | 0         | 23.62             | 23.42             | 23.33             | 23                 |
|     |                      |       | 2       | 49        | 22.91             | 22.72             | 22.66             | 23                 |
|     |                      |       | 50      | 0         | 23.63             | 23.34             | 23.32             | 24                 |
|     |                      | Inner | 1       | 1         | 26.67             | 26.37             | 26.30             | 24                 |
|     |                      |       | 1       | 49        | 25.97             | 25.73             | 25.66             | 24                 |
|     |                      |       | 25      | 12        | 26.11             | 25.82             | 25.67             | 24                 |
|     | DFT-s-OFDM 16QAM     | Outer | 1       | 0         | 23.73             | 23.44             | 23.32             | 23                 |
|     |                      |       | 1       | 50        | 22.98             | 22.73             | 22.62             | 23                 |
|     |                      |       | 2       | 0         | 23.69             | 23.31             | 23.31             | 23                 |
|     |                      |       | 2       | 49        | 22.96             | 22.67             | 22.70             | 23                 |
|     |                      |       | 50      | 0         | 23.53             | 23.36             | 23.26             | 24                 |
|     |                      | Inner | 2       | 49        | 26.39             | 26.17             | 26.12             | 24                 |
|     |                      |       | 25      | 12        | 25.80             | 25.51             | 25.45             | 24                 |
|     |                      |       | 50      | 0         | 25.98             | 25.89             | 25.78             | 24                 |
|     | DFT-s-OFDM 64QAM     | Outer | 1       | 0         | 23.78             | 23.58             | 23.44             | 23                 |
|     |                      |       | 1       | 50        | 23.17             | 22.91             | 22.86             | 23                 |
|     |                      |       | 2       | 0         | 23.48             | 23.20             | 23.12             | 23                 |
|     |                      |       | 2       | 49        | 22.91             | 22.65             | 22.53             | 23                 |
|     |                      |       | 50      | 0         | 23.70             | 23.37             | 23.19             | 24                 |
|     |                      | Inner | 1       | 1         | 26.25             | 26.00             | 25.97             | 24                 |
|     |                      |       | 1       | 49        | 25.75             | 25.52             | 25.25             | 24                 |
|     |                      |       | 25      | 12        | 26.10             | 25.85             | 25.80             | 24                 |
|     | DFT-s-OFDM 256QAM    | Outer | 1       | 0         | 23.26             | 23.06             | 22.83             | 23                 |
|     |                      |       | 1       | 50        | 22.49             | 22.21             | 22.23             | 23                 |
|     |                      |       | 2       | 0         | 23.65             | 23.41             | 23.33             | 23                 |
|     |                      |       | 2       | 49        | 23.06             | 22.80             | 22.59             | 23                 |
|     |                      |       | 50      | 0         | 23.58             | 23.33             | 23.20             | 24                 |
|     |                      | Inner | 1       | 1         | 26.20             | 25.93             | 25.90             | 24                 |
|     |                      |       | 1       | 49        | 25.46             | 25.15             | 25.10             | 24                 |
|     |                      |       | 25      | 12        | 26.07             | 25.91             | 25.80             | 24                 |

| BW  | MCS Index            | RB    | RB Size | RB Offset | Low CH 647668     | Mid CH 656000     | High CH 664332    | Max. Tune-up (dBm) |
|-----|----------------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                      |       |         |           | Frequency 3715MHz | Frequency 3840MHz | Frequency 3965MHz |                    |
| 30M | DFT-s-OFDM Pi/2 BPSK | Outer | 1       | 0         | 23.53             | 23.36             | 23.18             | 23                 |
|     |                      |       | 1       | 77        | 22.80             | 22.65             | 22.61             | 23                 |
|     |                      |       | 2       | 0         | 23.71             | 23.46             | 23.25             | 23                 |
|     |                      |       | 2       | 76        | 22.84             | 22.75             | 22.60             | 23                 |
|     |                      |       | 75      | 0         | 23.64             | 23.37             | 23.30             | 24                 |
|     |                      | Inner | 1       | 1         | 26.59             | 26.40             | 26.26             | 24                 |
|     |                      |       | 1       | 76        | 25.90             | 25.67             | 25.66             | 24                 |
|     |                      |       | 36      | 18        | 25.99             | 25.84             | 25.72             | 24                 |
|     | DFT-s-OFDM QPSK      | Outer | 1       | 0         | 23.55             | 23.34             | 23.25             | 23                 |
|     |                      |       | 1       | 77        | 22.90             | 22.63             | 22.60             | 23                 |
|     |                      |       | 2       | 0         | 23.58             | 23.48             | 23.28             | 23                 |
|     |                      |       | 2       | 76        | 22.94             | 22.68             | 22.70             | 23                 |
|     |                      |       | 75      | 0         | 23.62             | 23.35             | 23.29             | 24                 |
|     |                      | Inner | 1       | 1         | 26.63             | 26.36             | 26.33             | 24                 |
|     |                      |       | 1       | 76        | 26.02             | 25.79             | 25.60             | 24                 |
|     |                      |       | 36      | 18        | 26.07             | 25.76             | 25.69             | 24                 |
|     | DFT-s-OFDM 16QAM     | Outer | 1       | 0         | 23.79             | 23.46             | 23.36             | 23                 |
|     |                      |       | 1       | 77        | 22.96             | 22.72             | 22.59             | 23                 |
|     |                      |       | 2       | 0         | 23.69             | 23.30             | 23.34             | 23                 |
|     |                      |       | 2       | 76        | 22.97             | 22.67             | 22.71             | 23                 |
|     |                      |       | 75      | 0         | 23.47             | 23.40             | 23.22             | 24                 |
|     |                      | Inner | 1       | 1         | 26.44             | 26.15             | 26.15             | 24                 |
|     |                      |       | 1       | 76        | 25.80             | 25.52             | 25.41             | 24                 |
|     |                      |       | 36      | 18        | 25.98             | 25.92             | 25.81             | 24                 |
|     | DFT-s-OFDM 64QAM     | Outer | 1       | 0         | 23.77             | 23.59             | 23.38             | 23                 |
|     |                      |       | 1       | 77        | 23.11             | 22.97             | 22.89             | 23                 |
|     |                      |       | 2       | 0         | 23.49             | 23.23             | 23.10             | 23                 |
|     |                      |       | 2       | 76        | 22.90             | 22.59             | 22.60             | 23                 |
|     |                      |       | 75      | 0         | 23.70             | 23.37             | 23.19             | 24                 |
|     |                      | Inner | 1       | 1         | 26.25             | 26.00             | 25.97             | 24                 |
|     |                      |       | 1       | 76        | 25.75             | 25.52             | 25.25             | 24                 |
|     |                      |       | 36      | 18        | 26.10             | 25.85             | 25.80             | 24                 |
|     | DFT-s-OFDM 256QAM    | Outer | 1       | 0         | 23.26             | 23.06             | 22.83             | 23                 |
|     |                      |       | 1       | 77        | 22.49             | 22.21             | 22.23             | 23                 |
|     |                      |       | 2       | 0         | 23.65             | 23.41             | 23.33             | 23                 |
|     |                      |       | 2       | 76        | 23.06             | 22.80             | 22.59             | 23                 |
|     |                      |       | 75      | 0         | 23.58             | 23.33             | 23.20             | 24                 |
|     |                      | Inner | 1       | 1         | 26.20             | 25.93             | 25.90             | 24                 |
|     |                      |       | 1       | 76        | 25.45             | 25.17             | 25.09             | 24                 |
|     |                      |       | 36      | 18        | 26.14             | 25.90             | 25.77             | 24                 |

| BW  | MCS Index            | RB    | RB Size | RB Offset | Low CH 648000     | Mid CH 656000     | High CH 664000    | Max. Tune-up (dBm) |
|-----|----------------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                      |       |         |           | Frequency 3720MHz | Frequency 3840MHz | Frequency 3960MHz |                    |
| 40M | DFT-s-OFDM Pi/2 BPSK | Outer | 1       | 0         | 23.55             | 23.30             | 23.23             | 23                 |
|     |                      |       | 1       | 105       | 22.84             | 22.64             | 22.59             | 23                 |
|     |                      |       | 2       | 0         | 23.74             | 23.47             | 23.28             | 23                 |
|     |                      |       | 2       | 104       | 22.87             | 22.75             | 22.59             | 23                 |
|     |                      |       | 100     | 0         | 23.66             | 23.37             | 23.30             | 24                 |
|     |                      | Inner | 1       | 1         | 26.58             | 26.40             | 26.23             | 24                 |
|     |                      |       | 1       | 104       | 25.93             | 25.69             | 25.67             | 24                 |
|     |                      |       | 50      | 25        | 26.06             | 25.80             | 25.74             | 24                 |
|     | DFT-s-OFDM QPSK      | Outer | 1       | 0         | 23.52             | 23.40             | 23.23             | 23                 |
|     |                      |       | 1       | 105       | 22.96             | 22.66             | 22.62             | 23                 |
|     |                      |       | 2       | 0         | 23.56             | 23.49             | 23.32             | 23                 |
|     |                      |       | 2       | 104       | 22.95             | 22.71             | 22.63             | 23                 |
|     |                      |       | 100     | 0         | 23.60             | 23.38             | 23.31             | 24                 |
|     |                      | Inner | 1       | 1         | 26.64             | 26.36             | 26.34             | 24                 |
|     |                      |       | 1       | 104       | 26.00             | 25.77             | 25.62             | 24                 |
|     |                      |       | 50      | 25        | 26.05             | 25.79             | 25.73             | 24                 |
|     | DFT-s-OFDM 16QAM     | Outer | 1       | 0         | 23.72             | 23.50             | 23.32             | 23                 |
|     |                      |       | 1       | 105       | 22.99             | 22.71             | 22.63             | 23                 |
|     |                      |       | 2       | 0         | 23.63             | 23.32             | 23.29             | 23                 |
|     |                      |       | 2       | 104       | 23.01             | 22.71             | 22.70             | 23                 |
|     |                      |       | 100     | 0         | 23.47             | 23.43             | 23.25             | 24                 |
|     |                      | Inner | 1       | 1         | 26.45             | 26.15             | 26.09             | 24                 |
|     |                      |       | 1       | 104       | 25.81             | 25.57             | 25.38             | 24                 |
|     |                      |       | 50      | 25        | 26.01             | 25.85             | 25.79             | 24                 |
|     | DFT-s-OFDM 64QAM     | Outer | 1       | 0         | 23.80             | 23.62             | 23.38             | 23                 |
|     |                      |       | 1       | 105       | 23.14             | 22.90             | 22.87             | 23                 |
|     |                      |       | 2       | 0         | 23.52             | 23.25             | 23.08             | 23                 |
|     |                      |       | 2       | 104       | 22.87             | 22.65             | 22.54             | 23                 |
|     |                      |       | 100     | 0         | 23.64             | 23.36             | 23.25             | 24                 |
|     |                      | Inner | 1       | 1         | 26.23             | 25.96             | 25.98             | 24                 |
|     |                      |       | 1       | 104       | 25.70             | 25.48             | 25.27             | 24                 |
|     |                      |       | 50      | 25        | 26.08             | 25.88             | 25.75             | 24                 |
|     | DFT-s-OFDM 256QAM    | Outer | 1       | 0         | 23.19             | 23.07             | 22.86             | 23                 |
|     |                      |       | 1       | 105       | 22.53             | 22.23             | 22.17             | 23                 |
|     |                      |       | 2       | 0         | 23.58             | 23.44             | 23.34             | 23                 |
|     |                      |       | 2       | 104       | 23.05             | 22.76             | 22.57             | 23                 |
|     |                      |       | 100     | 0         | 23.58             | 23.33             | 23.21             | 24                 |
|     |                      | Inner | 1       | 1         | 26.20             | 25.93             | 25.88             | 24                 |
|     |                      |       | 1       | 104       | 25.41             | 25.18             | 25.09             | 24                 |
|     |                      |       | 50      | 25        | 26.07             | 25.93             | 25.80             | 24                 |

| BW  | MCS Index            | RB    | RB Size | RB Offset | Low CH 648334     | Mid CH 656000     | High CH 663666    | Max. Tune-up (dBm) |
|-----|----------------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                      |       |         |           | Frequency 3725MHz | Frequency 3840MHz | Frequency 3955MHz |                    |
| 50M | DFT-s-OFDM Pi/2 BPSK | Outer | 1       | 0         | 23.54             | 23.31             | 23.19             | 23                 |
|     |                      |       | 1       | 132       | 22.85             | 22.62             | 22.61             | 23                 |
|     |                      |       | 2       | 0         | 23.70             | 23.43             | 23.29             | 23                 |
|     |                      |       | 2       | 131       | 22.88             | 22.71             | 22.60             | 23                 |
|     |                      | Inner | 128     | 0         | 23.60             | 23.41             | 23.26             | 24                 |
|     |                      |       | 1       | 1         | 26.61             | 26.37             | 26.30             | 24                 |
|     |                      |       | 1       | 131       | 25.91             | 25.70             | 25.63             | 24                 |
|     |                      |       | 64      | 32        | 26.00             | 25.81             | 25.75             | 24                 |
|     | DFT-s-OFDM QPSK      | Outer | 1       | 0         | 23.49             | 23.40             | 23.22             | 23                 |
|     |                      |       | 1       | 132       | 22.96             | 22.61             | 22.66             | 23                 |
|     |                      |       | 2       | 0         | 23.56             | 23.44             | 23.26             | 23                 |
|     |                      |       | 2       | 131       | 22.93             | 22.74             | 22.65             | 23                 |
|     |                      | Inner | 128     | 0         | 23.59             | 23.35             | 23.32             | 24                 |
|     |                      |       | 1       | 1         | 26.67             | 26.39             | 26.31             | 24                 |
|     |                      |       | 1       | 131       | 25.98             | 25.79             | 25.60             | 24                 |
|     |                      |       | 64      | 32        | 26.10             | 25.79             | 25.71             | 24                 |
|     | DFT-s-OFDM 16QAM     | Outer | 1       | 0         | 23.72             | 23.50             | 23.32             | 23                 |
|     |                      |       | 1       | 132       | 22.95             | 22.71             | 22.57             | 23                 |
|     |                      |       | 2       | 0         | 23.69             | 23.32             | 23.28             | 23                 |
|     |                      |       | 2       | 131       | 22.97             | 22.73             | 22.70             | 23                 |
|     |                      | Inner | 128     | 0         | 23.53             | 23.39             | 23.19             | 24                 |
|     |                      |       | 1       | 1         | 26.41             | 26.14             | 26.11             | 24                 |
|     |                      |       | 1       | 131       | 25.80             | 25.54             | 25.39             | 24                 |
|     |                      |       | 64      | 32        | 25.98             | 25.91             | 25.77             | 24                 |
|     | DFT-s-OFDM 64QAM     | Outer | 1       | 0         | 23.79             | 23.63             | 23.39             | 23                 |
|     |                      |       | 1       | 132       | 23.11             | 22.93             | 22.83             | 23                 |
|     |                      |       | 2       | 0         | 23.51             | 23.27             | 23.06             | 23                 |
|     |                      |       | 2       | 131       | 22.87             | 22.60             | 22.56             | 23                 |
|     |                      | Inner | 128     | 0         | 23.69             | 23.33             | 23.25             | 24                 |
|     |                      |       | 1       | 1         | 26.24             | 25.95             | 26.02             | 24                 |
|     |                      |       | 1       | 131       | 25.76             | 25.51             | 25.21             | 24                 |
|     |                      |       | 64      | 32        | 26.09             | 25.82             | 25.75             | 24                 |
|     | DFT-s-OFDM 256QAM    | Outer | 1       | 0         | 23.24             | 23.02             | 22.86             | 23                 |
|     |                      |       | 1       | 132       | 22.55             | 22.21             | 22.20             | 23                 |
|     |                      |       | 2       | 0         | 23.60             | 23.37             | 23.34             | 23                 |
|     |                      |       | 2       | 131       | 23.07             | 22.73             | 22.64             | 23                 |
|     |                      | Inner | 128     | 0         | 23.54             | 23.34             | 23.17             | 24                 |
|     |                      |       | 1       | 1         | 26.24             | 25.88             | 25.88             | 24                 |
|     |                      |       | 1       | 131       | 25.42             | 25.15             | 25.09             | 24                 |
|     |                      |       | 64      | 32        | 26.14             | 25.93             | 25.77             | 24                 |

| BW  | MCS Index            | RB    | RB Size | RB Offset | Low CH 648668     | Mid CH 656000     | High CH 663332    | Max. Tune-up (dBm) |
|-----|----------------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                      |       |         |           | Frequency 3730MHz | Frequency 3840MHz | Frequency 3950MHz |                    |
| 60M | DFT-s-OFDM Pi/2 BPSK | Outer | 1       | 0         | 23.53             | 23.36             | 23.18             | 23                 |
|     |                      |       | 1       | 161       | 22.80             | 22.65             | 22.61             | 23                 |
|     |                      |       | 2       | 0         | 23.71             | 23.46             | 23.25             | 23                 |
|     |                      |       | 2       | 160       | 22.84             | 22.75             | 22.60             | 23                 |
|     |                      |       | 162     | 0         | 23.64             | 23.37             | 23.30             | 24                 |
|     |                      | Inner | 1       | 1         | 26.59             | 26.40             | 26.26             | 24                 |
|     |                      |       | 1       | 160       | 25.90             | 25.67             | 25.66             | 24                 |
|     |                      |       | 81      | 40        | 25.99             | 25.84             | 25.72             | 24                 |
|     | DFT-s-OFDM QPSK      | Outer | 1       | 0         | 23.55             | 23.34             | 23.25             | 23                 |
|     |                      |       | 1       | 161       | 22.90             | 22.63             | 22.60             | 23                 |
|     |                      |       | 2       | 0         | 23.58             | 23.48             | 23.28             | 23                 |
|     |                      |       | 2       | 160       | 22.94             | 22.68             | 22.70             | 23                 |
|     |                      |       | 162     | 0         | 23.62             | 23.35             | 23.29             | 24                 |
|     |                      | Inner | 1       | 1         | 26.63             | 26.36             | 26.33             | 24                 |
|     |                      |       | 1       | 160       | 26.02             | 25.79             | 25.60             | 24                 |
|     |                      |       | 81      | 40        | 26.07             | 25.76             | 25.69             | 24                 |
|     | DFT-s-OFDM 16QAM     | Outer | 1       | 0         | 23.79             | 23.46             | 23.36             | 23                 |
|     |                      |       | 1       | 161       | 22.96             | 22.72             | 22.59             | 23                 |
|     |                      |       | 2       | 0         | 23.69             | 23.30             | 23.34             | 23                 |
|     |                      |       | 2       | 160       | 22.97             | 22.67             | 22.71             | 23                 |
|     |                      |       | 162     | 0         | 23.47             | 23.40             | 23.22             | 24                 |
|     |                      | Inner | 1       | 1         | 26.44             | 26.15             | 26.15             | 24                 |
|     |                      |       | 1       | 160       | 25.80             | 25.52             | 25.41             | 24                 |
|     |                      |       | 81      | 40        | 25.98             | 25.92             | 25.81             | 24                 |
|     | DFT-s-OFDM 64QAM     | Outer | 1       | 0         | 23.77             | 23.59             | 23.38             | 23                 |
|     |                      |       | 1       | 161       | 23.11             | 22.97             | 22.89             | 23                 |
|     |                      |       | 2       | 0         | 23.49             | 23.23             | 23.10             | 23                 |
|     |                      |       | 2       | 160       | 22.90             | 22.59             | 22.60             | 23                 |
|     |                      |       | 162     | 0         | 23.70             | 23.37             | 23.19             | 24                 |
|     |                      | Inner | 1       | 1         | 26.25             | 26.00             | 25.97             | 24                 |
|     |                      |       | 1       | 160       | 25.75             | 25.52             | 25.25             | 24                 |
|     |                      |       | 81      | 40        | 26.10             | 25.85             | 25.80             | 24                 |
|     | DFT-s-OFDM 256QAM    | Outer | 1       | 0         | 23.26             | 23.06             | 22.83             | 23                 |
|     |                      |       | 1       | 161       | 22.49             | 22.21             | 22.23             | 23                 |
|     |                      |       | 2       | 0         | 23.65             | 23.41             | 23.33             | 23                 |
|     |                      |       | 2       | 160       | 23.06             | 22.80             | 22.59             | 23                 |
|     |                      |       | 162     | 0         | 23.58             | 23.33             | 23.20             | 24                 |
|     |                      | Inner | 1       | 1         | 26.20             | 25.93             | 25.90             | 24                 |
|     |                      |       | 1       | 160       | 25.45             | 25.17             | 25.09             | 24                 |
|     |                      |       | 81      | 40        | 26.14             | 25.90             | 25.77             | 24                 |

| BW  | MCS Index            | RB    | RB Size | RB Offset | Low CH 649000     | Mid CH 656000     | High CH 663000    | Max. Tune-up (dBm) |
|-----|----------------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                      |       |         |           | Frequency 3735MHz | Frequency 3840MHz | Frequency 3945MHz |                    |
| 70M | DFT-s-OFDM Pi/2 BPSK | Outer | 1       | 0         | 23.56             | 23.32             | 23.22             | 23                 |
|     |                      |       | 1       | 188       | 22.86             | 22.65             | 22.55             | 23                 |
|     |                      |       | 2       | 0         | 23.69             | 23.48             | 23.26             | 23                 |
|     |                      |       | 2       | 187       | 22.90             | 22.69             | 22.60             | 23                 |
|     |                      |       | 180     | 0         | 23.62             | 23.34             | 23.29             | 24                 |
|     |                      | Inner | 1       | 1         | 26.64             | 26.40             | 26.23             | 24                 |
|     |                      |       | 1       | 187       | 25.90             | 25.64             | 25.62             | 24                 |
|     |                      |       | 90      | 45        | 26.05             | 25.85             | 25.73             | 24                 |
|     | DFT-s-OFDM QPSK      | Outer | 1       | 0         | 23.55             | 23.34             | 23.26             | 23                 |
|     |                      |       | 1       | 188       | 22.90             | 22.65             | 22.63             | 23                 |
|     |                      |       | 2       | 0         | 23.62             | 23.42             | 23.33             | 23                 |
|     |                      |       | 2       | 187       | 22.91             | 22.72             | 22.66             | 23                 |
|     |                      |       | 180     | 0         | 23.63             | 23.34             | 23.32             | 24                 |
|     |                      | Inner | 1       | 1         | 26.67             | 26.37             | 26.30             | 24                 |
|     |                      |       | 1       | 187       | 25.97             | 25.73             | 25.66             | 24                 |
|     |                      |       | 90      | 45        | 26.11             | 25.82             | 25.67             | 24                 |
|     | DFT-s-OFDM 16QAM     | Outer | 1       | 0         | 23.73             | 23.44             | 23.32             | 23                 |
|     |                      |       | 1       | 188       | 22.98             | 22.73             | 22.62             | 23                 |
|     |                      |       | 2       | 0         | 23.69             | 23.31             | 23.31             | 23                 |
|     |                      |       | 2       | 187       | 22.96             | 22.67             | 22.70             | 23                 |
|     |                      |       | 180     | 0         | 23.53             | 23.43             | 23.23             | 24                 |
|     |                      | Inner | 1       | 1         | 26.41             | 26.16             | 26.16             | 24                 |
|     |                      |       | 1       | 187       | 25.81             | 25.57             | 25.41             | 24                 |
|     |                      |       | 90      | 45        | 25.98             | 25.86             | 25.81             | 24                 |
|     | DFT-s-OFDM 64QAM     | Outer | 1       | 0         | 23.80             | 23.60             | 23.43             | 23                 |
|     |                      |       | 1       | 188       | 23.16             | 22.97             | 22.85             | 23                 |
|     |                      |       | 2       | 0         | 23.47             | 23.20             | 23.08             | 23                 |
|     |                      |       | 2       | 187       | 22.89             | 22.61             | 22.59             | 23                 |
|     |                      |       | 180     | 0         | 23.69             | 23.34             | 23.22             | 24                 |
|     |                      | Inner | 1       | 1         | 26.23             | 25.95             | 26.01             | 24                 |
|     |                      |       | 1       | 187       | 25.75             | 25.45             | 25.28             | 24                 |
|     |                      |       | 90      | 45        | 26.08             | 25.86             | 25.76             | 24                 |
|     | DFT-s-OFDM 256QAM    | Outer | 1       | 0         | 23.25             | 23.01             | 22.83             | 23                 |
|     |                      |       | 1       | 188       | 22.51             | 22.20             | 22.23             | 23                 |
|     |                      |       | 2       | 0         | 23.65             | 23.43             | 23.28             | 23                 |
|     |                      |       | 2       | 187       | 23.07             | 22.73             | 22.63             | 23                 |
|     |                      |       | 180     | 0         | 23.54             | 23.32             | 23.14             | 24                 |
|     |                      | Inner | 1       | 1         | 26.20             | 25.93             | 25.87             | 24                 |
|     |                      |       | 1       | 187       | 25.41             | 25.18             | 25.09             | 24                 |
|     |                      |       | 90      | 45        | 26.13             | 25.90             | 25.81             | 24                 |

| BW  | MCS Index            | RB    | RB Size | RB Offset | Low CH 649334     | Mid CH 656000     | High CH 662666    | Max. Tune-up (dBm) |
|-----|----------------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                      |       |         |           | Frequency 3740MHz | Frequency 3840MHz | Frequency 3940MHz |                    |
| 80M | DFT-s-OFDM Pi/2 BPSK | Outer | 1       | 0         | 23.54             | 23.31             | 23.19             | 23                 |
|     |                      |       | 1       | 216       | 22.85             | 22.62             | 22.61             | 23                 |
|     |                      |       | 2       | 0         | 23.70             | 23.43             | 23.29             | 23                 |
|     |                      |       | 2       | 215       | 22.88             | 22.71             | 22.60             | 23                 |
|     |                      |       | 216     | 0         | 23.60             | 23.41             | 23.26             | 24                 |
|     |                      | Inner | 1       | 1         | 26.61             | 26.37             | 26.30             | 24                 |
|     |                      |       | 1       | 215       | 25.91             | 25.70             | 25.63             | 24                 |
|     |                      |       | 108     | 54        | 26.00             | 25.81             | 25.75             | 24                 |
|     | DFT-s-OFDM QPSK      | Outer | 1       | 0         | 23.49             | 23.40             | 23.22             | 23                 |
|     |                      |       | 1       | 216       | 22.96             | 22.61             | 22.66             | 23                 |
|     |                      |       | 2       | 0         | 23.56             | 23.44             | 23.26             | 23                 |
|     |                      |       | 2       | 215       | 22.93             | 22.74             | 22.65             | 23                 |
|     |                      |       | 216     | 0         | 23.59             | 23.35             | 23.32             | 24                 |
|     |                      | Inner | 1       | 1         | 26.63             | 26.37             | 26.30             | 24                 |
|     |                      |       | 1       | 215       | 25.96             | 25.76             | 25.66             | 24                 |
|     |                      |       | 108     | 54        | 26.04             | 25.82             | 25.69             | 24                 |
|     | DFT-s-OFDM 16QAM     | Outer | 1       | 0         | 23.72             | 23.51             | 23.36             | 23                 |
|     |                      |       | 1       | 216       | 22.97             | 22.74             | 22.56             | 23                 |
|     |                      |       | 2       | 0         | 23.63             | 23.37             | 23.34             | 23                 |
|     |                      |       | 2       | 215       | 22.98             | 22.70             | 22.64             | 23                 |
|     |                      |       | 216     | 0         | 23.49             | 23.42             | 23.24             | 24                 |
|     |                      | Inner | 1       | 1         | 26.41             | 26.14             | 26.12             | 24                 |
|     |                      |       | 1       | 215       | 25.75             | 25.54             | 25.44             | 24                 |
|     |                      |       | 108     | 54        | 25.98             | 25.91             | 25.77             | 24                 |
|     | DFT-s-OFDM 64QAM     | Outer | 1       | 0         | 23.73             | 23.63             | 23.44             | 23                 |
|     |                      |       | 1       | 216       | 23.15             | 22.93             | 22.83             | 23                 |
|     |                      |       | 2       | 0         | 23.46             | 23.27             | 23.12             | 23                 |
|     |                      |       | 2       | 215       | 22.87             | 22.62             | 22.57             | 23                 |
|     |                      |       | 216     | 0         | 23.69             | 23.33             | 23.26             | 24                 |
|     |                      | Inner | 1       | 1         | 26.21             | 25.99             | 25.98             | 24                 |
|     |                      |       | 1       | 215       | 25.74             | 25.47             | 25.27             | 24                 |
|     |                      |       | 108     | 54        | 26.14             | 25.83             | 25.76             | 24                 |
|     | DFT-s-OFDM 256QAM    | Outer | 1       | 0         | 23.21             | 23.00             | 22.86             | 23                 |
|     |                      |       | 1       | 216       | 22.56             | 22.26             | 22.17             | 23                 |
|     |                      |       | 2       | 0         | 23.61             | 23.37             | 23.30             | 23                 |
|     |                      |       | 2       | 215       | 23.08             | 22.75             | 22.63             | 23                 |
|     |                      |       | 216     | 0         | 23.57             | 23.36             | 23.15             | 24                 |
|     |                      | Inner | 1       | 1         | 26.24             | 25.87             | 25.92             | 24                 |
|     |                      |       | 1       | 215       | 25.40             | 25.19             | 25.06             | 24                 |
|     |                      |       | 108     | 54        | 26.13             | 25.87             | 25.84             | 24                 |

| BW  | MCS Index            | RB    | RB Size | RB Offset | Low CH 649668     | Mid CH 656000     | High CH 662332    | Max. Tune-up (dBm) |
|-----|----------------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                      |       |         |           | Frequency 3745MHz | Frequency 3840MHz | Frequency 3935MHz |                    |
| 90M | DFT-s-OFDM Pi/2 BPSK | Outer | 1       | 0         | 23.58             | 23.34             | 23.16             | 23                 |
|     |                      |       | 1       | 244       | 22.83             | 22.67             | 22.57             | 23                 |
|     |                      |       | 2       | 0         | 23.73             | 23.50             | 23.26             | 23                 |
|     |                      |       | 2       | 243       | 22.86             | 22.71             | 22.64             | 23                 |
|     |                      |       | 240     | 0         | 23.67             | 23.40             | 23.26             | 24                 |
|     |                      | Inner | 1       | 1         | 26.57             | 26.35             | 26.29             | 24                 |
|     |                      |       | 1       | 243       | 25.96             | 25.68             | 25.65             | 24                 |
|     |                      |       | 120     | 60        | 26.04             | 25.85             | 25.71             | 24                 |
|     |                      |       |         |           |                   |                   |                   |                    |
|     | DFT-s-OFDM QPSK      | Outer | 1       | 0         | 23.53             | 23.37             | 23.25             | 23                 |
|     |                      |       | 1       | 244       | 22.92             | 22.67             | 22.65             | 23                 |
|     |                      |       | 2       | 0         | 23.62             | 23.42             | 23.33             | 23                 |
|     |                      |       | 2       | 243       | 22.91             | 22.72             | 22.66             | 23                 |
|     |                      |       | 240     | 0         | 23.63             | 23.34             | 23.32             | 24                 |
|     |                      | Inner | 1       | 1         | 26.68             | 26.39             | 26.27             | 24                 |
|     |                      |       | 1       | 243       | 25.97             | 25.78             | 25.64             | 24                 |
|     |                      |       | 120     | 60        | 26.10             | 25.77             | 25.70             | 24                 |
|     |                      |       |         |           |                   |                   |                   |                    |
|     | DFT-s-OFDM 16QAM     | Outer | 1       | 0         | 23.74             | 23.44             | 23.36             | 23                 |
|     |                      |       | 1       | 244       | 23.00             | 22.77             | 22.56             | 23                 |
|     |                      |       | 2       | 0         | 23.64             | 23.30             | 23.30             | 23                 |
|     |                      |       | 2       | 243       | 23.00             | 22.74             | 22.68             | 23                 |
|     |                      |       | 240     | 0         | 23.53             | 23.36             | 23.26             | 24                 |
|     |                      | Inner | 1       | 1         | 26.39             | 26.17             | 26.12             | 24                 |
|     |                      |       | 1       | 243       | 25.80             | 25.51             | 25.45             | 24                 |
|     |                      |       | 120     | 60        | 25.98             | 25.89             | 25.78             | 24                 |
|     |                      |       |         |           |                   |                   |                   |                    |
|     | DFT-s-OFDM 64QAM     | Outer | 1       | 0         | 23.78             | 23.58             | 23.44             | 23                 |
|     |                      |       | 1       | 244       | 23.17             | 22.91             | 22.86             | 23                 |
|     |                      |       | 2       | 0         | 23.48             | 23.20             | 23.12             | 23                 |
|     |                      |       | 2       | 243       | 22.91             | 22.65             | 22.53             | 23                 |
|     |                      |       | 240     | 0         | 23.64             | 23.33             | 23.21             | 24                 |
|     |                      | Inner | 1       | 1         | 26.26             | 25.97             | 26.01             | 24                 |
|     |                      |       | 1       | 243       | 25.75             | 25.46             | 25.24             | 24                 |
|     |                      |       | 120     | 60        | 26.10             | 25.82             | 25.79             | 24                 |
|     |                      |       |         |           |                   |                   |                   |                    |
|     | DFT-s-OFDM 256QAM    | Outer | 1       | 0         | 23.25             | 23.00             | 22.87             | 23                 |
|     |                      |       | 1       | 244       | 22.49             | 22.24             | 22.20             | 23                 |
|     |                      |       | 2       | 0         | 23.64             | 23.37             | 23.35             | 23                 |
|     |                      |       | 2       | 243       | 23.01             | 22.77             | 22.60             | 23                 |
|     |                      |       | 240     | 0         | 23.59             | 23.32             | 23.20             | 24                 |
|     |                      | Inner | 1       | 1         | 26.24             | 25.88             | 25.88             | 24                 |
|     |                      |       | 1       | 243       | 25.42             | 25.15             | 25.09             | 24                 |
|     |                      |       | 120     | 60        | 26.14             | 25.93             | 25.77             | 24                 |
|     |                      |       |         |           |                   |                   |                   |                    |

| BW   | MCS Index            | RB    | RB Size | RB Offset | Low CH 650000     | Mid CH 656000     | High CH 662000    | Max. Tune-up (dBm) |
|------|----------------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|      |                      |       |         |           | Frequency 3750MHz | Frequency 3840MHz | Frequency 3930MHz |                    |
| 100M | DFT-s-OFDM Pi/2 BPSK | Outer | 1       | 0         | 23.59             | 23.38             | 23.24             | 23                 |
|      |                      |       | 1       | 272       | 22.87             | 22.70             | 22.63             | 23                 |
|      |                      |       | 2       | 0         | 23.75             | 23.51             | 23.30             | 23                 |
|      |                      |       | 2       | 271       | 22.92             | 22.76             | 22.65             | 23                 |
|      |                      |       | 270     | 0         | 23.68             | 23.42             | 23.31             | 24                 |
|      |                      | Inner | 1       | 1         | 26.65             | 26.42             | 26.31             | 24                 |
|      |                      |       | 1       | 271       | 25.97             | 25.72             | 25.68             | 24                 |
|      |                      |       | 135     | 67        | 26.07             | 25.86             | 25.77             | 24                 |
|      | DFT-s-OFDM QPSK      | Outer | 1       | 0         | 23.57             | 23.42             | 23.27             | 23                 |
|      |                      |       | 1       | 272       | 22.98             | 22.69             | 22.68             | 23                 |
|      |                      |       | 2       | 0         | 23.64             | 23.50             | 23.34             | 23                 |
|      |                      |       | 2       | 271       | 22.99             | 22.76             | 22.71             | 23                 |
|      |                      |       | 270     | 0         | 23.66             | 23.40             | 23.34             | 24                 |
|      |                      | Inner | 1       | 1         | 26.69             | 26.44             | 26.35             | 24                 |
|      |                      |       | 1       | 271       | 26.03             | 25.81             | 25.68             | 24                 |
|      |                      |       | 135     | 67        | 26.12             | 25.84             | 25.75             | 24                 |
|      | DFT-s-OFDM 16QAM     | Outer | 1       | 0         | 23.80             | 23.52             | 23.38             | 23                 |
|      |                      |       | 1       | 272       | 23.01             | 22.79             | 22.64             | 23                 |
|      |                      |       | 2       | 0         | 23.71             | 23.38             | 23.36             | 23                 |
|      |                      |       | 2       | 271       | 23.02             | 22.75             | 22.72             | 23                 |
|      |                      |       | 270     | 0         | 23.55             | 23.44             | 23.27             | 24                 |
|      |                      | Inner | 1       | 1         | 26.47             | 26.21             | 26.17             | 24                 |
|      |                      |       | 1       | 271       | 25.82             | 25.59             | 25.46             | 24                 |
|      |                      |       | 135     | 67        | 26.06             | 25.93             | 25.83             | 24                 |
|      | DFT-s-OFDM 64QAM     | Outer | 1       | 0         | 23.81             | 23.64             | 23.46             | 23                 |
|      |                      |       | 1       | 272       | 23.19             | 22.98             | 22.91             | 23                 |
|      |                      |       | 2       | 0         | 23.54             | 23.28             | 23.14             | 23                 |
|      |                      |       | 2       | 271       | 22.92             | 22.67             | 22.61             | 23                 |
|      |                      |       | 270     | 0         | 23.71             | 23.41             | 23.27             | 24                 |
|      |                      | Inner | 1       | 1         | 26.29             | 26.03             | 26.03             | 24                 |
|      |                      |       | 1       | 271       | 25.77             | 25.53             | 25.29             | 24                 |
|      |                      |       | 135     | 67        | 26.16             | 25.90             | 25.81             | 24                 |
|      | DFT-s-OFDM 256QAM    | Outer | 1       | 0         | 23.27             | 23.08             | 22.88             | 23                 |
|      |                      |       | 1       | 272       | 22.57             | 22.28             | 22.25             | 23                 |
|      |                      |       | 2       | 0         | 23.66             | 23.45             | 23.36             | 23                 |
|      |                      |       | 2       | 271       | 23.09             | 22.81             | 22.65             | 23                 |
|      |                      |       | 270     | 0         | 23.62             | 23.38             | 23.22             | 24                 |
|      |                      | Inner | 1       | 1         | 26.26             | 25.95             | 25.93             | 24                 |
|      |                      |       | 1       | 271       | 25.48             | 25.23             | 25.11             | 24                 |
|      |                      |       | 135     | 67        | 26.15             | 25.95             | 25.85             | 24                 |



**BUREAU  
VERITAS**

Test Report No.: W7L-P22020005RF03

**N77 C-HPUE LTE2**

| BW  | MCS Index      | RB    | RB Size | RB Offset | Low CH 647334     | Mid CH 656000     | High CH 664666    | Max. Tune-up (dBm) |
|-----|----------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                |       |         |           | Frequency 3710MHz | Frequency 3840MHz | Frequency 3970MHz |                    |
| 20M | CP-OFDM QPSK   | Outer | 1       | 0         | 23.91             | 23.70             | 23.72             | 23                 |
|     |                |       | 1       | 50        | 23.30             | 23.09             | 23.03             | 23                 |
|     |                |       | 2       | 0         | 24.06             | 23.99             | 23.92             | 23                 |
|     |                |       | 2       | 49        | 23.35             | 23.22             | 23.09             | 23                 |
|     |                |       | 51      | 0         | 24.00             | 23.91             | 23.83             | 23                 |
|     |                | Inner | 1       | 1         | 25.25             | 25.01             | 24.98             | 24                 |
|     |                |       | 1       | 49        | 24.37             | 24.21             | 24.16             | 24                 |
|     |                |       | 25      | 12        | 24.58             | 24.36             | 24.34             | 24                 |
|     | CP-OFDM 16QAM  | Outer | 1       | 0         | 24.15             | 23.99             | 24.04             | 23                 |
|     |                |       | 1       | 50        | 23.45             | 23.34             | 23.26             | 23                 |
|     |                |       | 2       | 0         | 24.08             | 23.80             | 23.92             | 23                 |
|     |                |       | 2       | 49        | 23.33             | 23.26             | 23.10             | 23                 |
|     |                |       | 51      | 0         | 24.09             | 23.86             | 23.88             | 23                 |
|     |                | Inner | 1       | 1         | 24.94             | 24.74             | 24.68             | 24                 |
|     |                |       | 1       | 49        | 24.12             | 24.06             | 24.07             | 24                 |
|     |                |       | 25      | 12        | 24.57             | 24.42             | 24.34             | 24                 |
|     | CP-OFDM 64QAM  | Outer | 1       | 0         | 24.16             | 24.06             | 23.94             | 23                 |
|     |                |       | 1       | 50        | 23.55             | 23.33             | 23.40             | 23                 |
|     |                |       | 2       | 0         | 24.00             | 23.80             | 23.73             | 23                 |
|     |                |       | 2       | 49        | 23.21             | 23.11             | 23.08             | 23                 |
|     |                |       | 51      | 0         | 23.64             | 23.38             | 23.40             | 23                 |
|     |                | Inner | 1       | 1         | 24.66             | 24.56             | 24.44             | 23                 |
|     |                |       | 1       | 49        | 24.57             | 24.35             | 24.35             | 23                 |
|     |                |       | 25      | 12        | 24.36             | 24.28             | 24.17             | 23                 |
|     | CP-OFDM 256QAM | Outer | 1       | 0         | 22.44             | 22.23             | 22.27             | 20                 |
|     |                |       | 1       | 50        | 22.41             | 22.21             | 22.14             | 20                 |
|     |                |       | 2       | 0         | 22.35             | 22.19             | 22.26             | 20                 |
|     |                |       | 2       | 49        | 22.37             | 22.11             | 22.08             | 20                 |
|     |                |       | 51      | 0         | 22.55             | 22.40             | 22.29             | 20                 |
|     |                | Inner | 1       | 1         | 23.54             | 23.30             | 23.27             | 20                 |
|     |                |       | 1       | 49        | 23.36             | 23.15             | 23.16             | 20                 |
|     |                |       | 25      | 12        | 23.55             | 23.43             | 23.31             | 20                 |

| BW  | MCS Index      | RB    | RB Size | RB Offset | Low CH 647668     | Mid CH 656000     | High CH 664332    | Max. Tune-up (dBm) |
|-----|----------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                |       |         |           | Frequency 3715MHz | Frequency 3840MHz | Frequency 3965MHz |                    |
| 30M | CP-OFDM QPSK   | Outer | 1       | 0         | 23.88             | 23.74             | 23.68             | 23                 |
|     |                |       | 1       | 77        | 23.24             | 23.09             | 23.09             | 23                 |
|     |                |       | 2       | 0         | 24.08             | 23.97             | 23.91             | 23                 |
|     |                |       | 2       | 76        | 23.29             | 23.28             | 23.09             | 23                 |
|     |                |       | 78      | 0         | 24.02             | 23.94             | 23.84             | 23                 |
|     |                | Inner | 1       | 1         | 25.20             | 25.01             | 25.01             | 24                 |
|     |                |       | 1       | 76        | 24.37             | 24.24             | 24.20             | 24                 |
|     |                |       | 39      | 19        | 24.52             | 24.35             | 24.33             | 24                 |
|     | CP-OFDM 16QAM  | Outer | 1       | 0         | 24.15             | 23.99             | 24.03             | 23                 |
|     |                |       | 1       | 77        | 23.45             | 23.32             | 23.23             | 23                 |
|     |                |       | 2       | 0         | 24.04             | 23.86             | 23.87             | 23                 |
|     |                |       | 2       | 76        | 23.36             | 23.22             | 23.14             | 23                 |
|     |                |       | 78      | 0         | 24.08             | 23.87             | 23.85             | 23                 |
|     |                | Inner | 1       | 1         | 24.90             | 24.73             | 24.71             | 24                 |
|     |                |       | 1       | 76        | 24.17             | 24.12             | 24.01             | 24                 |
|     |                |       | 39      | 19        | 24.53             | 24.36             | 24.36             | 24                 |
|     | CP-OFDM 64QAM  | Outer | 1       | 0         | 24.22             | 24.08             | 23.98             | 23                 |
|     |                |       | 1       | 77        | 23.53             | 23.32             | 23.37             | 23                 |
|     |                |       | 2       | 0         | 24.00             | 23.79             | 23.76             | 23                 |
|     |                |       | 2       | 76        | 23.22             | 23.11             | 23.09             | 23                 |
|     |                |       | 78      | 0         | 23.58             | 23.42             | 23.36             | 23                 |
|     |                | Inner | 1       | 1         | 24.71             | 24.54             | 24.47             | 23                 |
|     |                |       | 1       | 76        | 24.57             | 24.36             | 24.31             | 23                 |
|     |                |       | 39      | 19        | 24.36             | 24.31             | 24.20             | 23                 |
|     | CP-OFDM 256QAM | Outer | 1       | 0         | 22.43             | 22.24             | 22.21             | 20                 |
|     |                |       | 1       | 77        | 22.35             | 22.27             | 22.17             | 20                 |
|     |                |       | 2       | 0         | 22.36             | 22.22             | 22.24             | 20                 |
|     |                |       | 2       | 76        | 22.36             | 22.05             | 22.15             | 20                 |
|     |                |       | 78      | 0         | 22.55             | 22.40             | 22.29             | 20                 |
|     |                | Inner | 1       | 1         | 23.54             | 23.30             | 23.27             | 20                 |
|     |                |       | 1       | 76        | 23.36             | 23.15             | 23.16             | 20                 |
|     |                |       | 39      | 19        | 23.55             | 23.43             | 23.31             | 20                 |

| BW  | MCS Index      | RB    | RB Size | RB Offset | Low CH 648000     | Mid CH 656000     | High CH 664000    | Max. Tune-up (dBm) |
|-----|----------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                |       |         |           | Frequency 3720MHz | Frequency 3840MHz | Frequency 3960MHz |                    |
| 40M | CP-OFDM QPSK   | Outer | 1       | 0         | 23.90             | 23.68             | 23.73             | 23                 |
|     |                |       | 1       | 105       | 23.28             | 23.08             | 23.07             | 23                 |
|     |                |       | 2       | 0         | 24.11             | 23.98             | 23.94             | 23                 |
|     |                |       | 2       | 104       | 23.32             | 23.28             | 23.08             | 23                 |
|     |                |       | 106     | 0         | 24.04             | 23.94             | 23.84             | 23                 |
|     |                | Inner | 1       | 1         | 25.19             | 25.01             | 24.98             | 24                 |
|     |                |       | 1       | 104       | 24.40             | 24.26             | 24.21             | 24                 |
|     |                |       | 53      | 26        | 24.59             | 24.31             | 24.35             | 24                 |
|     | CP-OFDM 16QAM  | Outer | 1       | 0         | 24.12             | 24.05             | 24.01             | 23                 |
|     |                |       | 1       | 105       | 23.51             | 23.35             | 23.25             | 23                 |
|     |                |       | 2       | 0         | 24.02             | 23.87             | 23.91             | 23                 |
|     |                |       | 2       | 104       | 23.37             | 23.25             | 23.07             | 23                 |
|     |                |       | 106     | 0         | 24.06             | 23.90             | 23.87             | 23                 |
|     |                | Inner | 1       | 1         | 24.91             | 24.73             | 24.72             | 24                 |
|     |                |       | 1       | 104       | 24.15             | 24.10             | 24.03             | 24                 |
|     |                |       | 53      | 26        | 24.51             | 24.39             | 24.40             | 24                 |
|     | CP-OFDM 64QAM  | Outer | 1       | 0         | 24.15             | 24.12             | 23.94             | 23                 |
|     |                |       | 1       | 105       | 23.56             | 23.31             | 23.41             | 23                 |
|     |                |       | 2       | 0         | 23.94             | 23.81             | 23.71             | 23                 |
|     |                |       | 2       | 104       | 23.26             | 23.15             | 23.08             | 23                 |
|     |                |       | 106     | 0         | 23.58             | 23.45             | 23.39             | 23                 |
|     |                | Inner | 1       | 1         | 24.72             | 24.54             | 24.41             | 23                 |
|     |                |       | 1       | 104       | 24.58             | 24.41             | 24.28             | 23                 |
|     |                |       | 53      | 26        | 24.39             | 24.24             | 24.18             | 23                 |
|     | CP-OFDM 256QAM | Outer | 1       | 0         | 22.46             | 22.27             | 22.21             | 20                 |
|     |                |       | 1       | 105       | 22.38             | 22.20             | 22.15             | 20                 |
|     |                |       | 2       | 0         | 22.39             | 22.24             | 22.22             | 20                 |
|     |                |       | 2       | 104       | 22.33             | 22.11             | 22.09             | 20                 |
|     |                |       | 106     | 0         | 22.49             | 22.39             | 22.35             | 20                 |
|     |                | Inner | 1       | 1         | 23.52             | 23.26             | 23.28             | 20                 |
|     |                |       | 1       | 104       | 23.31             | 23.11             | 23.18             | 20                 |
|     |                |       | 53      | 26        | 23.53             | 23.46             | 23.26             | 20                 |

| BW  | MCS Index      | RB    | RB Size | RB Offset | Low CH 648334     | Mid CH 656000     | High CH 663666    | Max. Tune-up (dBm) |
|-----|----------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                |       |         |           | Frequency 3725MHz | Frequency 3840MHz | Frequency 3955MHz |                    |
| 50M | CP-OFDM QPSK   | Outer | 1       | 0         | 23.89             | 23.69             | 23.69             | 23                 |
|     |                |       | 1       | 132       | 23.29             | 23.06             | 23.09             | 23                 |
|     |                |       | 2       | 0         | 24.07             | 23.94             | 23.95             | 23                 |
|     |                |       | 2       | 131       | 23.33             | 23.24             | 23.09             | 23                 |
|     |                |       | 133     | 0         | 23.98             | 23.98             | 23.80             | 23                 |
|     |                | Inner | 1       | 1         | 25.22             | 24.98             | 25.05             | 24                 |
|     |                |       | 1       | 131       | 24.38             | 24.27             | 24.17             | 24                 |
|     |                |       | 67      | 33        | 24.53             | 24.32             | 24.36             | 24                 |
|     | CP-OFDM 16QAM  | Outer | 1       | 0         | 24.09             | 24.05             | 24.00             | 23                 |
|     |                |       | 1       | 132       | 23.51             | 23.30             | 23.29             | 23                 |
|     |                |       | 2       | 0         | 24.02             | 23.82             | 23.85             | 23                 |
|     |                |       | 2       | 131       | 23.35             | 23.28             | 23.09             | 23                 |
|     |                |       | 133     | 0         | 24.05             | 23.87             | 23.88             | 23                 |
|     |                | Inner | 1       | 1         | 24.94             | 24.76             | 24.69             | 24                 |
|     |                |       | 1       | 131       | 24.13             | 24.12             | 24.01             | 24                 |
|     |                |       | 67      | 33        | 24.56             | 24.39             | 24.38             | 24                 |
|     | CP-OFDM 64QAM  | Outer | 1       | 0         | 24.15             | 24.12             | 23.94             | 23                 |
|     |                |       | 1       | 132       | 23.52             | 23.31             | 23.35             | 23                 |
|     |                |       | 2       | 0         | 24.00             | 23.81             | 23.70             | 23                 |
|     |                |       | 2       | 131       | 23.22             | 23.17             | 23.08             | 23                 |
|     |                |       | 133     | 0         | 23.64             | 23.41             | 23.33             | 23                 |
|     |                | Inner | 1       | 1         | 24.68             | 24.53             | 24.43             | 23                 |
|     |                |       | 1       | 131       | 24.57             | 24.38             | 24.29             | 23                 |
|     |                |       | 67      | 33        | 24.36             | 24.30             | 24.16             | 23                 |
|     | CP-OFDM 256QAM | Outer | 1       | 0         | 22.45             | 22.28             | 22.22             | 20                 |
|     |                |       | 1       | 132       | 22.35             | 22.23             | 22.11             | 20                 |
|     |                |       | 2       | 0         | 22.38             | 22.26             | 22.20             | 20                 |
|     |                |       | 2       | 131       | 22.33             | 22.06             | 22.11             | 20                 |
|     |                |       | 133     | 0         | 22.54             | 22.36             | 22.35             | 20                 |
|     |                | Inner | 1       | 1         | 23.53             | 23.25             | 23.32             | 20                 |
|     |                |       | 1       | 131       | 23.37             | 23.14             | 23.12             | 20                 |
|     |                |       | 67      | 33        | 23.54             | 23.40             | 23.26             | 20                 |

| BW  | MCS Index      | RB    | RB Size | RB Offset | Low CH 648668     | Mid CH 656000     | High CH 663332    | Max. Tune-up (dBm) |
|-----|----------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                |       |         |           | Frequency 3730MHz | Frequency 3840MHz | Frequency 3950MHz |                    |
| 60M | CP-OFDM QPSK   | Outer | 1       | 0         | 23.88             | 23.74             | 23.68             | 23                 |
|     |                |       | 1       | 161       | 23.24             | 23.09             | 23.09             | 23                 |
|     |                |       | 2       | 0         | 24.08             | 23.97             | 23.91             | 23                 |
|     |                |       | 2       | 160       | 23.29             | 23.28             | 23.09             | 23                 |
|     |                |       | 162     | 0         | 24.02             | 23.94             | 23.84             | 23                 |
|     |                | Inner | 1       | 1         | 25.20             | 25.01             | 25.01             | 24                 |
|     |                |       | 1       | 160       | 24.37             | 24.24             | 24.20             | 24                 |
|     |                |       | 81      | 40        | 24.52             | 24.35             | 24.33             | 24                 |
|     | CP-OFDM 16QAM  | Outer | 1       | 0         | 24.15             | 23.99             | 24.03             | 23                 |
|     |                |       | 1       | 161       | 23.45             | 23.32             | 23.23             | 23                 |
|     |                |       | 2       | 0         | 24.04             | 23.86             | 23.87             | 23                 |
|     |                |       | 2       | 160       | 23.36             | 23.22             | 23.14             | 23                 |
|     |                |       | 162     | 0         | 24.08             | 23.87             | 23.85             | 23                 |
|     |                | Inner | 1       | 1         | 24.90             | 24.73             | 24.71             | 24                 |
|     |                |       | 1       | 160       | 24.17             | 24.12             | 24.01             | 24                 |
|     |                |       | 81      | 40        | 24.53             | 24.36             | 24.36             | 24                 |
|     | CP-OFDM 64QAM  | Outer | 1       | 0         | 24.22             | 24.08             | 23.98             | 23                 |
|     |                |       | 1       | 161       | 23.53             | 23.32             | 23.37             | 23                 |
|     |                |       | 2       | 0         | 24.00             | 23.79             | 23.76             | 23                 |
|     |                |       | 2       | 160       | 23.22             | 23.11             | 23.09             | 23                 |
|     |                |       | 162     | 0         | 23.58             | 23.42             | 23.36             | 23                 |
|     |                | Inner | 1       | 1         | 24.71             | 24.54             | 24.47             | 23                 |
|     |                |       | 1       | 160       | 24.57             | 24.36             | 24.31             | 23                 |
|     |                |       | 81      | 40        | 24.36             | 24.31             | 24.20             | 23                 |
|     | CP-OFDM 256QAM | Outer | 1       | 0         | 22.43             | 22.24             | 22.21             | 20                 |
|     |                |       | 1       | 161       | 22.35             | 22.27             | 22.17             | 20                 |
|     |                |       | 2       | 0         | 22.36             | 22.22             | 22.24             | 20                 |
|     |                |       | 2       | 160       | 22.36             | 22.05             | 22.15             | 20                 |
|     |                |       | 162     | 0         | 22.55             | 22.40             | 22.29             | 20                 |
|     |                | Inner | 1       | 1         | 23.54             | 23.30             | 23.27             | 20                 |
|     |                |       | 1       | 160       | 23.36             | 23.15             | 23.16             | 20                 |
|     |                |       | 81      | 40        | 23.55             | 23.43             | 23.31             | 20                 |

| BW  | MCS Index      | RB    | RB Size | RB Offset | Low CH 649000     | Mid CH 656000     | High CH 663000    | Max. Tune-up (dBm) |
|-----|----------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                |       |         |           | Frequency 3735MHz | Frequency 3840MHz | Frequency 3945MHz |                    |
| 70M | CP-OFDM QPSK   | Outer | 1       | 0         | 23.91             | 23.70             | 23.72             | 23                 |
|     |                |       | 1       | 188       | 23.30             | 23.09             | 23.03             | 23                 |
|     |                |       | 2       | 0         | 24.06             | 23.99             | 23.92             | 23                 |
|     |                |       | 2       | 187       | 23.35             | 23.22             | 23.09             | 23                 |
|     |                |       | 189     | 0         | 24.00             | 23.91             | 23.83             | 23                 |
|     |                | Inner | 1       | 1         | 25.25             | 25.01             | 24.98             | 24                 |
|     |                |       | 1       | 187       | 24.37             | 24.21             | 24.16             | 24                 |
|     |                |       | 95      | 47        | 24.58             | 24.36             | 24.34             | 24                 |
|     | CP-OFDM 16QAM  | Outer | 1       | 0         | 24.15             | 23.99             | 24.04             | 23                 |
|     |                |       | 1       | 188       | 23.45             | 23.34             | 23.26             | 23                 |
|     |                |       | 2       | 0         | 24.08             | 23.80             | 23.92             | 23                 |
|     |                |       | 2       | 187       | 23.33             | 23.26             | 23.10             | 23                 |
|     |                |       | 189     | 0         | 24.09             | 23.86             | 23.88             | 23                 |
|     |                | Inner | 1       | 1         | 24.94             | 24.74             | 24.68             | 24                 |
|     |                |       | 1       | 187       | 24.12             | 24.06             | 24.07             | 24                 |
|     |                |       | 95      | 47        | 24.57             | 24.42             | 24.34             | 24                 |
|     | CP-OFDM 64QAM  | Outer | 1       | 0         | 24.16             | 24.06             | 23.94             | 23                 |
|     |                |       | 1       | 188       | 23.55             | 23.33             | 23.40             | 23                 |
|     |                |       | 2       | 0         | 24.00             | 23.80             | 23.73             | 23                 |
|     |                |       | 2       | 187       | 23.21             | 23.11             | 23.08             | 23                 |
|     |                |       | 189     | 0         | 23.64             | 23.45             | 23.37             | 23                 |
|     |                | Inner | 1       | 1         | 24.68             | 24.55             | 24.48             | 23                 |
|     |                |       | 1       | 187       | 24.58             | 24.41             | 24.31             | 23                 |
|     |                |       | 95      | 47        | 24.36             | 24.25             | 24.20             | 23                 |
|     | CP-OFDM 256QAM | Outer | 1       | 0         | 22.46             | 22.25             | 22.26             | 20                 |
|     |                |       | 1       | 188       | 22.40             | 22.27             | 22.13             | 20                 |
|     |                |       | 2       | 0         | 22.34             | 22.19             | 22.22             | 20                 |
|     |                |       | 2       | 187       | 22.35             | 22.07             | 22.14             | 20                 |
|     |                |       | 189     | 0         | 22.54             | 22.37             | 22.32             | 20                 |
|     |                | Inner | 1       | 1         | 23.52             | 23.25             | 23.31             | 20                 |
|     |                |       | 1       | 187       | 23.36             | 23.08             | 23.19             | 20                 |
|     |                |       | 95      | 47        | 23.53             | 23.44             | 23.27             | 20                 |

| BW  | MCS Index      | RB    | RB Size | RB Offset | Low CH 649334     | Mid CH 656000     | High CH 662666    | Max. Tune-up (dBm) |
|-----|----------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                |       |         |           | Frequency 3740MHz | Frequency 3840MHz | Frequency 3940MHz |                    |
| 80M | CP-OFDM QPSK   | Outer | 1       | 0         | 23.89             | 23.69             | 23.69             | 23                 |
|     |                |       | 1       | 216       | 23.29             | 23.06             | 23.09             | 23                 |
|     |                |       | 2       | 0         | 24.07             | 23.94             | 23.95             | 23                 |
|     |                |       | 2       | 215       | 23.33             | 23.24             | 23.09             | 23                 |
|     |                |       | 217     | 0         | 23.98             | 23.98             | 23.80             | 23                 |
|     |                | Inner | 1       | 1         | 25.22             | 24.98             | 25.05             | 24                 |
|     |                |       | 1       | 215       | 24.38             | 24.27             | 24.17             | 24                 |
|     |                |       | 109     | 54        | 24.53             | 24.32             | 24.36             | 24                 |
|     | CP-OFDM 16QAM  | Outer | 1       | 0         | 24.09             | 24.05             | 24.00             | 23                 |
|     |                |       | 1       | 216       | 23.51             | 23.30             | 23.29             | 23                 |
|     |                |       | 2       | 0         | 24.02             | 23.82             | 23.85             | 23                 |
|     |                |       | 2       | 215       | 23.35             | 23.28             | 23.09             | 23                 |
|     |                |       | 217     | 0         | 24.05             | 23.87             | 23.88             | 23                 |
|     |                | Inner | 1       | 1         | 24.90             | 24.74             | 24.68             | 24                 |
|     |                |       | 1       | 215       | 24.11             | 24.09             | 24.07             | 24                 |
|     |                |       | 109     | 54        | 24.50             | 24.42             | 24.36             | 24                 |
|     | CP-OFDM 64QAM  | Outer | 1       | 0         | 24.15             | 24.13             | 23.98             | 23                 |
|     |                |       | 1       | 216       | 23.54             | 23.34             | 23.34             | 23                 |
|     |                |       | 2       | 0         | 23.94             | 23.86             | 23.76             | 23                 |
|     |                |       | 2       | 215       | 23.23             | 23.14             | 23.02             | 23                 |
|     |                |       | 217     | 0         | 23.60             | 23.44             | 23.38             | 23                 |
|     |                | Inner | 1       | 1         | 24.68             | 24.53             | 24.44             | 23                 |
|     |                |       | 1       | 215       | 24.52             | 24.38             | 24.34             | 23                 |
|     |                |       | 109     | 54        | 24.36             | 24.30             | 24.16             | 23                 |
|     | CP-OFDM 256QAM | Outer | 1       | 0         | 22.39             | 22.28             | 22.27             | 20                 |
|     |                |       | 1       | 216       | 22.39             | 22.23             | 22.11             | 20                 |
|     |                |       | 2       | 0         | 22.33             | 22.26             | 22.26             | 20                 |
|     |                |       | 2       | 215       | 22.33             | 22.08             | 22.12             | 20                 |
|     |                |       | 217     | 0         | 22.54             | 22.36             | 22.36             | 20                 |
|     |                | Inner | 1       | 1         | 23.50             | 23.29             | 23.28             | 20                 |
|     |                |       | 1       | 215       | 23.35             | 23.10             | 23.18             | 20                 |
|     |                |       | 109     | 54        | 23.59             | 23.41             | 23.27             | 20                 |

| BW  | MCS Index      | RB    | RB Size | RB Offset | Low CH 649668     | Mid CH 656000     | High CH 662332    | Max. Tune-up (dBm) |
|-----|----------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                |       |         |           | Frequency 3745MHz | Frequency 3840MHz | Frequency 3935MHz |                    |
| 90M | CP-OFDM QPSK   | Outer | 1       | 0         | 23.93             | 23.72             | 23.66             | 23                 |
|     |                |       | 1       | 244       | 23.27             | 23.11             | 23.05             | 23                 |
|     |                |       | 2       | 0         | 24.10             | 24.01             | 23.92             | 23                 |
|     |                |       | 2       | 243       | 23.31             | 23.24             | 23.13             | 23                 |
|     |                |       | 245     | 0         | 24.05             | 23.97             | 23.80             | 23                 |
|     |                | Inner | 1       | 1         | 25.18             | 24.96             | 25.04             | 24                 |
|     |                |       | 1       | 243       | 24.43             | 24.25             | 24.19             | 24                 |
|     |                |       | 123     | 61        | 24.57             | 24.36             | 24.32             | 24                 |
|     | CP-OFDM 16QAM  | Outer | 1       | 0         | 24.13             | 24.02             | 24.03             | 23                 |
|     |                |       | 1       | 244       | 23.47             | 23.36             | 23.28             | 23                 |
|     |                |       | 2       | 0         | 24.08             | 23.80             | 23.92             | 23                 |
|     |                |       | 2       | 243       | 23.33             | 23.26             | 23.10             | 23                 |
|     |                |       | 245     | 0         | 24.09             | 23.86             | 23.88             | 23                 |
|     |                | Inner | 1       | 1         | 24.95             | 24.76             | 24.65             | 24                 |
|     |                |       | 1       | 243       | 24.12             | 24.11             | 24.05             | 24                 |
|     |                |       | 123     | 61        | 24.56             | 24.37             | 24.37             | 24                 |
|     | CP-OFDM 64QAM  | Outer | 1       | 0         | 24.17             | 24.06             | 23.98             | 23                 |
|     |                |       | 1       | 244       | 23.57             | 23.37             | 23.34             | 23                 |
|     |                |       | 2       | 0         | 23.95             | 23.79             | 23.72             | 23                 |
|     |                |       | 2       | 243       | 23.25             | 23.18             | 23.06             | 23                 |
|     |                |       | 245     | 0         | 23.64             | 23.38             | 23.40             | 23                 |
|     |                | Inner | 1       | 1         | 24.66             | 24.56             | 24.44             | 23                 |
|     |                |       | 1       | 243       | 24.57             | 24.35             | 24.35             | 23                 |
|     |                |       | 123     | 61        | 24.36             | 24.28             | 24.17             | 23                 |
|     | CP-OFDM 256QAM | Outer | 1       | 0         | 22.44             | 22.23             | 22.27             | 20                 |
|     |                |       | 1       | 244       | 22.41             | 22.21             | 22.14             | 20                 |
|     |                |       | 2       | 0         | 22.35             | 22.19             | 22.26             | 20                 |
|     |                |       | 2       | 243       | 22.37             | 22.11             | 22.08             | 20                 |
|     |                |       | 245     | 0         | 22.49             | 22.36             | 22.31             | 20                 |
|     |                | Inner | 1       | 1         | 23.55             | 23.27             | 23.31             | 20                 |
|     |                |       | 1       | 243       | 23.36             | 23.09             | 23.15             | 20                 |
|     |                |       | 123     | 61        | 23.55             | 23.40             | 23.30             | 20                 |

| BW   | MCS Index      | RB    | RB Size | RB Offset | Low CH 650000     | Mid CH 656000     | High CH 662000    | Max. Tune-up (dBm) |
|------|----------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|      |                |       |         |           | Frequency 3750MHz | Frequency 3840MHz | Frequency 3930MHz |                    |
| 100M | CP-OFDM QPSK   | Outer | 1       | 0         | 23.94             | 23.76             | 23.74             | 23                 |
|      |                |       | 1       | 272       | 23.31             | 23.14             | 23.11             | 23                 |
|      |                |       | 2       | 0         | 24.12             | 24.02             | 23.96             | 23                 |
|      |                |       | 2       | 271       | 23.37             | 23.29             | 23.14             | 23                 |
|      |                |       | 273     | 0         | 24.06             | 23.99             | 23.85             | 23                 |
|      |                | Inner | 1       | 1         | 25.26             | 25.03             | 25.06             | 24                 |
|      |                |       | 1       | 271       | 24.44             | 24.29             | 24.22             | 24                 |
|      |                |       | 137     | 68        | 24.60             | 24.37             | 24.38             | 24                 |
|      | CP-OFDM 16QAM  | Outer | 1       | 0         | 24.17             | 24.07             | 24.05             | 23                 |
|      |                |       | 1       | 272       | 23.53             | 23.38             | 23.31             | 23                 |
|      |                |       | 2       | 0         | 24.10             | 23.88             | 23.93             | 23                 |
|      |                |       | 2       | 271       | 23.41             | 23.30             | 23.15             | 23                 |
|      |                |       | 273     | 0         | 24.12             | 23.92             | 23.90             | 23                 |
|      |                | Inner | 1       | 1         | 24.96             | 24.81             | 24.73             | 24                 |
|      |                |       | 1       | 271       | 24.18             | 24.14             | 24.09             | 24                 |
|      |                |       | 137     | 68        | 24.58             | 24.44             | 24.42             | 24                 |
|      | CP-OFDM 64QAM  | Outer | 1       | 0         | 24.23             | 24.14             | 24.00             | 23                 |
|      |                |       | 1       | 272       | 23.58             | 23.39             | 23.42             | 23                 |
|      |                |       | 2       | 0         | 24.02             | 23.87             | 23.78             | 23                 |
|      |                |       | 2       | 271       | 23.27             | 23.19             | 23.10             | 23                 |
|      |                |       | 273     | 0         | 23.66             | 23.46             | 23.41             | 23                 |
|      |                | Inner | 1       | 1         | 24.74             | 24.60             | 24.49             | 23                 |
|      |                |       | 1       | 271       | 24.59             | 24.43             | 24.36             | 23                 |
|      |                |       | 137     | 68        | 24.44             | 24.32             | 24.22             | 23                 |
|      | CP-OFDM 256QAM | Outer | 1       | 0         | 22.47             | 22.29             | 22.29             | 20                 |
|      |                |       | 1       | 272       | 22.43             | 22.28             | 22.19             | 20                 |
|      |                |       | 2       | 0         | 22.41             | 22.27             | 22.28             | 20                 |
|      |                |       | 2       | 271       | 22.38             | 22.13             | 22.16             | 20                 |
|      |                |       | 273     | 0         | 22.56             | 22.44             | 22.37             | 20                 |
|      |                | Inner | 1       | 1         | 23.58             | 23.33             | 23.33             | 20                 |
|      |                |       | 1       | 271       | 23.38             | 23.16             | 23.20             | 20                 |
|      |                |       | 137     | 68        | 23.61             | 23.48             | 23.32             | 20                 |

| BW  | MCS Index            | RB    | RB Size | RB Offset | Low CH 647334     | Mid CH 656000     | High CH 664666    | Max. Tune-up (dBm) |
|-----|----------------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                      |       |         |           | Frequency 3710MHz | Frequency 3840MHz | Frequency 3970MHz |                    |
| 20M | DFT-s-OFDM Pi/2 BPSK | Outer | 1       | 0         | 23.57             | 23.28             | 23.26             | 23                 |
|     |                      |       | 1       | 50        | 22.91             | 22.62             | 22.52             | 23                 |
|     |                      |       | 2       | 0         | 23.60             | 23.45             | 23.34             | 23                 |
|     |                      |       | 2       | 49        | 22.96             | 22.75             | 22.58             | 23                 |
|     |                      |       | 50      | 0         | 23.56             | 23.39             | 23.27             | 24                 |
|     |                      | Inner | 1       | 1         | 26.67             | 26.35             | 26.28             | 24                 |
|     |                      |       | 1       | 49        | 25.92             | 25.68             | 25.59             | 24                 |
|     |                      |       | 25      | 12        | 26.09             | 25.79             | 25.73             | 24                 |
|     | DFT-s-OFDM QPSK      | Outer | 1       | 0         | 23.55             | 23.31             | 23.32             | 23                 |
|     |                      |       | 1       | 50        | 22.87             | 22.68             | 22.56             | 23                 |
|     |                      |       | 2       | 0         | 23.68             | 23.32             | 23.40             | 23                 |
|     |                      |       | 2       | 49        | 22.92             | 22.77             | 22.57             | 23                 |
|     |                      |       | 50      | 0         | 23.63             | 23.32             | 23.30             | 24                 |
|     |                      | Inner | 1       | 1         | 26.67             | 26.39             | 26.29             | 24                 |
|     |                      |       | 1       | 49        | 25.94             | 25.70             | 25.69             | 24                 |
|     |                      |       | 25      | 12        | 26.05             | 25.82             | 25.70             | 24                 |
|     | DFT-s-OFDM 16QAM     | Outer | 1       | 0         | 23.66             | 23.48             | 23.32             | 23                 |
|     |                      |       | 1       | 50        | 22.98             | 22.68             | 22.71             | 23                 |
|     |                      |       | 2       | 0         | 23.63             | 23.35             | 23.24             | 23                 |
|     |                      |       | 2       | 49        | 22.97             | 22.79             | 22.64             | 23                 |
|     |                      |       | 50      | 0         | 23.63             | 23.29             | 23.27             | 24                 |
|     |                      | Inner | 2       | 49        | 26.38             | 26.20             | 26.04             | 24                 |
|     |                      |       | 25      | 12        | 25.83             | 25.53             | 25.49             | 24                 |
|     |                      |       | 50      | 0         | 26.03             | 25.87             | 25.72             | 24                 |
|     | DFT-s-OFDM 64QAM     | Outer | 1       | 0         | 23.83             | 23.54             | 23.54             | 23                 |
|     |                      |       | 1       | 50        | 23.19             | 22.91             | 22.80             | 23                 |
|     |                      |       | 2       | 0         | 23.41             | 23.17             | 23.20             | 23                 |
|     |                      |       | 2       | 49        | 22.96             | 22.62             | 22.55             | 23                 |
|     |                      |       | 50      | 0         | 23.60             | 23.37             | 23.22             | 24                 |
|     |                      | Inner | 1       | 1         | 26.33             | 26.01             | 25.94             | 24                 |
|     |                      |       | 1       | 49        | 25.69             | 25.40             | 25.37             | 24                 |
|     |                      |       | 25      | 12        | 26.09             | 25.89             | 25.73             | 24                 |
|     | DFT-s-OFDM 256QAM    | Outer | 1       | 0         | 23.17             | 23.04             | 22.81             | 23                 |
|     |                      |       | 1       | 50        | 22.45             | 22.24             | 22.21             | 23                 |
|     |                      |       | 2       | 0         | 23.72             | 23.40             | 23.28             | 23                 |
|     |                      |       | 2       | 49        | 23.02             | 22.79             | 22.68             | 23                 |
|     |                      |       | 50      | 0         | 23.56             | 23.32             | 23.18             | 24                 |
|     |                      | Inner | 1       | 1         | 26.13             | 25.98             | 25.82             | 24                 |
|     |                      |       | 1       | 49        | 25.49             | 25.15             | 25.15             | 24                 |
|     |                      |       | 25      | 12        | 26.07             | 25.94             | 25.77             | 24                 |

| BW  | MCS Index            | RB    | RB Size | RB Offset | Low CH 647668     | Mid CH 656000     | High CH 664332    | Max. Tune-up (dBm) |
|-----|----------------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                      |       |         |           | Frequency 3715MHz | Frequency 3840MHz | Frequency 3965MHz |                    |
| 30M | DFT-s-OFDM Pi/2 BPSK | Outer | 1       | 0         | 23.54             | 23.32             | 23.22             | 23                 |
|     |                      |       | 1       | 77        | 22.85             | 22.62             | 22.58             | 23                 |
|     |                      |       | 2       | 0         | 23.62             | 23.43             | 23.33             | 23                 |
|     |                      |       | 2       | 76        | 22.90             | 22.81             | 22.58             | 23                 |
|     |                      |       | 75      | 0         | 23.58             | 23.42             | 23.28             | 24                 |
|     |                      | Inner | 1       | 1         | 26.62             | 26.35             | 26.31             | 24                 |
|     |                      |       | 1       | 76        | 25.92             | 25.71             | 25.63             | 24                 |
|     |                      |       | 36      | 18        | 26.03             | 25.78             | 25.72             | 24                 |
|     | DFT-s-OFDM QPSK      | Outer | 1       | 0         | 23.55             | 23.31             | 23.31             | 23                 |
|     |                      |       | 1       | 77        | 22.87             | 22.66             | 22.53             | 23                 |
|     |                      |       | 2       | 0         | 23.64             | 23.38             | 23.35             | 23                 |
|     |                      |       | 2       | 76        | 22.95             | 22.73             | 22.61             | 23                 |
|     |                      |       | 75      | 0         | 23.62             | 23.33             | 23.27             | 24                 |
|     |                      | Inner | 1       | 1         | 26.63             | 26.38             | 26.32             | 24                 |
|     |                      |       | 1       | 76        | 25.99             | 25.76             | 25.63             | 24                 |
|     |                      |       | 36      | 18        | 26.01             | 25.76             | 25.72             | 24                 |
|     | DFT-s-OFDM 16QAM     | Outer | 1       | 0         | 23.72             | 23.50             | 23.36             | 23                 |
|     |                      |       | 1       | 77        | 22.96             | 22.67             | 22.68             | 23                 |
|     |                      |       | 2       | 0         | 23.63             | 23.34             | 23.27             | 23                 |
|     |                      |       | 2       | 76        | 22.98             | 22.79             | 22.65             | 23                 |
|     |                      |       | 75      | 0         | 23.57             | 23.33             | 23.23             | 24                 |
|     |                      | Inner | 1       | 1         | 26.43             | 26.18             | 26.07             | 24                 |
|     |                      |       | 1       | 76        | 25.83             | 25.54             | 25.45             | 24                 |
|     |                      |       | 36      | 18        | 26.03             | 25.90             | 25.75             | 24                 |
|     | DFT-s-OFDM 64QAM     | Outer | 1       | 0         | 23.82             | 23.55             | 23.48             | 23                 |
|     |                      |       | 1       | 77        | 23.13             | 22.97             | 22.83             | 23                 |
|     |                      |       | 2       | 0         | 23.42             | 23.20             | 23.18             | 23                 |
|     |                      |       | 2       | 76        | 22.95             | 22.56             | 22.62             | 23                 |
|     |                      |       | 75      | 0         | 23.60             | 23.37             | 23.22             | 24                 |
|     |                      | Inner | 1       | 1         | 26.33             | 26.01             | 25.94             | 24                 |
|     |                      |       | 1       | 76        | 25.69             | 25.40             | 25.37             | 24                 |
|     |                      |       | 36      | 18        | 26.09             | 25.89             | 25.73             | 24                 |
|     | DFT-s-OFDM 256QAM    | Outer | 1       | 0         | 23.17             | 23.04             | 22.81             | 23                 |
|     |                      |       | 1       | 77        | 22.45             | 22.24             | 22.21             | 23                 |
|     |                      |       | 2       | 0         | 23.72             | 23.40             | 23.28             | 23                 |
|     |                      |       | 2       | 76        | 23.02             | 22.79             | 22.68             | 23                 |
|     |                      |       | 75      | 0         | 23.56             | 23.32             | 23.18             | 24                 |
|     |                      | Inner | 1       | 1         | 26.13             | 25.98             | 25.82             | 24                 |
|     |                      |       | 1       | 76        | 25.48             | 25.17             | 25.14             | 24                 |
|     |                      |       | 36      | 18        | 26.14             | 25.93             | 25.74             | 24                 |

| BW  | MCS Index            | RB    | RB Size | RB Offset | Low CH 648000     | Mid CH 656000     | High CH 664000    | Max. Tune-up (dBm) |
|-----|----------------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                      |       |         |           | Frequency 3720MHz | Frequency 3840MHz | Frequency 3960MHz |                    |
| 40M | DFT-s-OFDM Pi/2 BPSK | Outer | 1       | 0         | 23.56             | 23.26             | 23.27             | 23                 |
|     |                      |       | 1       | 105       | 22.89             | 22.61             | 22.56             | 23                 |
|     |                      |       | 2       | 0         | 23.65             | 23.44             | 23.36             | 23                 |
|     |                      |       | 2       | 104       | 22.93             | 22.81             | 22.57             | 23                 |
|     |                      |       | 100     | 0         | 23.60             | 23.42             | 23.28             | 24                 |
|     |                      | Inner | 1       | 1         | 26.61             | 26.35             | 26.28             | 24                 |
|     |                      |       | 1       | 104       | 25.95             | 25.73             | 25.64             | 24                 |
|     |                      |       | 50      | 25        | 26.10             | 25.74             | 25.74             | 24                 |
|     | DFT-s-OFDM QPSK      | Outer | 1       | 0         | 23.52             | 23.37             | 23.29             | 23                 |
|     |                      |       | 1       | 105       | 22.93             | 22.69             | 22.55             | 23                 |
|     |                      |       | 2       | 0         | 23.62             | 23.39             | 23.39             | 23                 |
|     |                      |       | 2       | 104       | 22.96             | 22.76             | 22.54             | 23                 |
|     |                      |       | 100     | 0         | 23.60             | 23.36             | 23.29             | 24                 |
|     |                      | Inner | 1       | 1         | 26.64             | 26.38             | 26.33             | 24                 |
|     |                      |       | 1       | 104       | 25.97             | 25.74             | 25.65             | 24                 |
|     |                      |       | 50      | 25        | 25.99             | 25.79             | 25.76             | 24                 |
|     | DFT-s-OFDM 16QAM     | Outer | 1       | 0         | 23.65             | 23.54             | 23.32             | 23                 |
|     |                      |       | 1       | 105       | 22.99             | 22.66             | 22.72             | 23                 |
|     |                      |       | 2       | 0         | 23.57             | 23.36             | 23.22             | 23                 |
|     |                      |       | 2       | 104       | 23.02             | 22.83             | 22.64             | 23                 |
|     |                      |       | 100     | 0         | 23.57             | 23.36             | 23.26             | 24                 |
|     |                      | Inner | 1       | 1         | 26.44             | 26.18             | 26.01             | 24                 |
|     |                      |       | 1       | 104       | 25.84             | 25.59             | 25.42             | 24                 |
|     |                      |       | 50      | 25        | 26.06             | 25.83             | 25.73             | 24                 |
|     | DFT-s-OFDM 64QAM     | Outer | 1       | 0         | 23.85             | 23.58             | 23.48             | 23                 |
|     |                      |       | 1       | 105       | 23.16             | 22.90             | 22.81             | 23                 |
|     |                      |       | 2       | 0         | 23.45             | 23.22             | 23.16             | 23                 |
|     |                      |       | 2       | 104       | 22.92             | 22.62             | 22.56             | 23                 |
|     |                      |       | 100     | 0         | 23.54             | 23.36             | 23.28             | 24                 |
|     |                      | Inner | 1       | 1         | 26.31             | 25.97             | 25.95             | 24                 |
|     |                      |       | 1       | 104       | 25.64             | 25.36             | 25.39             | 24                 |
|     |                      |       | 50      | 25        | 26.07             | 25.92             | 25.68             | 24                 |
|     | DFT-s-OFDM 256QAM    | Outer | 1       | 0         | 23.10             | 23.05             | 22.84             | 23                 |
|     |                      |       | 1       | 105       | 22.49             | 22.26             | 22.15             | 23                 |
|     |                      |       | 2       | 0         | 23.65             | 23.43             | 23.29             | 23                 |
|     |                      |       | 2       | 104       | 23.01             | 22.75             | 22.66             | 23                 |
|     |                      |       | 100     | 0         | 23.56             | 23.32             | 23.19             | 24                 |
|     |                      | Inner | 1       | 1         | 26.13             | 25.98             | 25.80             | 24                 |
|     |                      |       | 1       | 104       | 25.44             | 25.18             | 25.14             | 24                 |
|     |                      |       | 50      | 25        | 26.07             | 25.96             | 25.77             | 24                 |

| BW  | MCS Index            | RB    | RB Size | RB Offset | Low CH 648334     | Mid CH 656000     | High CH 663666    | Max. Tune-up (dBm) |
|-----|----------------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                      |       |         |           | Frequency 3725MHz | Frequency 3840MHz | Frequency 3955MHz |                    |
| 50M | DFT-s-OFDM Pi/2 BPSK | Outer | 1       | 0         | 23.55             | 23.27             | 23.23             | 23                 |
|     |                      |       | 1       | 132       | 22.90             | 22.59             | 22.58             | 23                 |
|     |                      |       | 2       | 0         | 23.61             | 23.40             | 23.37             | 23                 |
|     |                      |       | 2       | 131       | 22.94             | 22.77             | 22.58             | 23                 |
|     |                      | Inner | 128     | 0         | 23.54             | 23.46             | 23.24             | 24                 |
|     |                      |       | 1       | 1         | 26.64             | 26.32             | 26.35             | 24                 |
|     |                      |       | 1       | 131       | 25.93             | 25.74             | 25.60             | 24                 |
|     |                      |       | 64      | 32        | 26.04             | 25.75             | 25.75             | 24                 |
|     | DFT-s-OFDM QPSK      | Outer | 1       | 0         | 23.49             | 23.37             | 23.28             | 23                 |
|     |                      |       | 1       | 132       | 22.93             | 22.64             | 22.59             | 23                 |
|     |                      |       | 2       | 0         | 23.62             | 23.34             | 23.33             | 23                 |
|     |                      |       | 2       | 131       | 22.94             | 22.79             | 22.56             | 23                 |
|     |                      | Inner | 128     | 0         | 23.59             | 23.33             | 23.30             | 24                 |
|     |                      |       | 1       | 1         | 26.67             | 26.41             | 26.30             | 24                 |
|     |                      |       | 1       | 131       | 25.95             | 25.76             | 25.63             | 24                 |
|     |                      |       | 64      | 32        | 26.04             | 25.79             | 25.74             | 24                 |
|     | DFT-s-OFDM 16QAM     | Outer | 1       | 0         | 23.65             | 23.54             | 23.32             | 23                 |
|     |                      |       | 1       | 132       | 22.95             | 22.66             | 22.66             | 23                 |
|     |                      |       | 2       | 0         | 23.63             | 23.36             | 23.21             | 23                 |
|     |                      |       | 2       | 131       | 22.98             | 22.85             | 22.64             | 23                 |
|     |                      | Inner | 128     | 0         | 23.63             | 23.32             | 23.20             | 24                 |
|     |                      |       | 1       | 1         | 26.40             | 26.17             | 26.03             | 24                 |
|     |                      |       | 1       | 131       | 25.83             | 25.56             | 25.43             | 24                 |
|     |                      |       | 64      | 32        | 26.03             | 25.89             | 25.71             | 24                 |
|     | DFT-s-OFDM 64QAM     | Outer | 1       | 0         | 23.84             | 23.59             | 23.49             | 23                 |
|     |                      |       | 1       | 132       | 23.13             | 22.93             | 22.77             | 23                 |
|     |                      |       | 2       | 0         | 23.44             | 23.24             | 23.14             | 23                 |
|     |                      |       | 2       | 131       | 22.92             | 22.57             | 22.58             | 23                 |
|     |                      | Inner | 128     | 0         | 23.59             | 23.33             | 23.28             | 24                 |
|     |                      |       | 1       | 1         | 26.32             | 25.96             | 25.99             | 24                 |
|     |                      |       | 1       | 131       | 25.70             | 25.39             | 25.33             | 24                 |
|     |                      |       | 64      | 32        | 26.08             | 25.86             | 25.68             | 24                 |
|     | DFT-s-OFDM 256QAM    | Outer | 1       | 0         | 23.15             | 23.00             | 22.84             | 23                 |
|     |                      |       | 1       | 132       | 22.51             | 22.24             | 22.18             | 23                 |
|     |                      |       | 2       | 0         | 23.67             | 23.36             | 23.29             | 23                 |
|     |                      |       | 2       | 131       | 23.03             | 22.72             | 22.73             | 23                 |
|     |                      | Inner | 128     | 0         | 23.52             | 23.33             | 23.15             | 24                 |
|     |                      |       | 1       | 1         | 26.17             | 25.93             | 25.80             | 24                 |
|     |                      |       | 1       | 131       | 25.45             | 25.15             | 25.14             | 24                 |
|     |                      |       | 64      | 32        | 26.14             | 25.96             | 25.74             | 24                 |

| BW  | MCS Index            | RB    | RB Size | RB Offset | Low CH 648668     | Mid CH 656000     | High CH 663332    | Max. Tune-up (dBm) |
|-----|----------------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                      |       |         |           | Frequency 3730MHz | Frequency 3840MHz | Frequency 3950MHz |                    |
| 60M | DFT-s-OFDM Pi/2 BPSK | Outer | 1       | 0         | 23.54             | 23.32             | 23.22             | 23                 |
|     |                      |       | 1       | 161       | 22.85             | 22.62             | 22.58             | 23                 |
|     |                      |       | 2       | 0         | 23.62             | 23.43             | 23.33             | 23                 |
|     |                      |       | 2       | 160       | 22.90             | 22.81             | 22.58             | 23                 |
|     |                      |       | 162     | 0         | 23.58             | 23.42             | 23.28             | 24                 |
|     |                      | Inner | 1       | 1         | 26.62             | 26.35             | 26.31             | 24                 |
|     |                      |       | 1       | 160       | 25.92             | 25.71             | 25.63             | 24                 |
|     |                      |       | 81      | 40        | 26.03             | 25.78             | 25.72             | 24                 |
|     | DFT-s-OFDM QPSK      | Outer | 1       | 0         | 23.55             | 23.31             | 23.31             | 23                 |
|     |                      |       | 1       | 161       | 22.87             | 22.66             | 22.53             | 23                 |
|     |                      |       | 2       | 0         | 23.64             | 23.38             | 23.35             | 23                 |
|     |                      |       | 2       | 160       | 22.95             | 22.73             | 22.61             | 23                 |
|     |                      |       | 162     | 0         | 23.62             | 23.33             | 23.27             | 24                 |
|     |                      | Inner | 1       | 1         | 26.63             | 26.38             | 26.32             | 24                 |
|     |                      |       | 1       | 160       | 25.99             | 25.76             | 25.63             | 24                 |
|     |                      |       | 81      | 40        | 26.01             | 25.76             | 25.72             | 24                 |
|     | DFT-s-OFDM 16QAM     | Outer | 1       | 0         | 23.72             | 23.50             | 23.36             | 23                 |
|     |                      |       | 1       | 161       | 22.96             | 22.67             | 22.68             | 23                 |
|     |                      |       | 2       | 0         | 23.63             | 23.34             | 23.27             | 23                 |
|     |                      |       | 2       | 160       | 22.98             | 22.79             | 22.65             | 23                 |
|     |                      |       | 162     | 0         | 23.57             | 23.33             | 23.23             | 24                 |
|     |                      | Inner | 1       | 1         | 26.43             | 26.18             | 26.07             | 24                 |
|     |                      |       | 1       | 160       | 25.83             | 25.54             | 25.45             | 24                 |
|     |                      |       | 81      | 40        | 26.03             | 25.90             | 25.75             | 24                 |
|     | DFT-s-OFDM 64QAM     | Outer | 1       | 0         | 23.82             | 23.55             | 23.48             | 23                 |
|     |                      |       | 1       | 161       | 23.13             | 22.97             | 22.83             | 23                 |
|     |                      |       | 2       | 0         | 23.42             | 23.20             | 23.18             | 23                 |
|     |                      |       | 2       | 160       | 22.95             | 22.56             | 22.62             | 23                 |
|     |                      |       | 162     | 0         | 23.60             | 23.37             | 23.22             | 24                 |
|     |                      | Inner | 1       | 1         | 26.33             | 26.01             | 25.94             | 24                 |
|     |                      |       | 1       | 160       | 25.69             | 25.40             | 25.37             | 24                 |
|     |                      |       | 81      | 40        | 26.09             | 25.89             | 25.73             | 24                 |
|     | DFT-s-OFDM 256QAM    | Outer | 1       | 0         | 23.17             | 23.04             | 22.81             | 23                 |
|     |                      |       | 1       | 161       | 22.45             | 22.24             | 22.21             | 23                 |
|     |                      |       | 2       | 0         | 23.72             | 23.40             | 23.28             | 23                 |
|     |                      |       | 2       | 160       | 23.02             | 22.79             | 22.68             | 23                 |
|     |                      |       | 162     | 0         | 23.56             | 23.32             | 23.18             | 24                 |
|     |                      | Inner | 1       | 1         | 26.13             | 25.98             | 25.82             | 24                 |
|     |                      |       | 1       | 160       | 25.48             | 25.17             | 25.14             | 24                 |
|     |                      |       | 81      | 40        | 26.14             | 25.93             | 25.74             | 24                 |

| BW  | MCS Index            | RB    | RB Size | RB Offset | Low CH 649000     | Mid CH 656000     | High CH 663000    | Max. Tune-up (dBm) |
|-----|----------------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                      |       |         |           | Frequency 3735MHz | Frequency 3840MHz | Frequency 3945MHz |                    |
| 70M | DFT-s-OFDM Pi/2 BPSK | Outer | 1       | 0         | 23.57             | 23.28             | 23.26             | 23                 |
|     |                      |       | 1       | 188       | 22.91             | 22.62             | 22.52             | 23                 |
|     |                      |       | 2       | 0         | 23.60             | 23.45             | 23.34             | 23                 |
|     |                      |       | 2       | 187       | 22.96             | 22.75             | 22.58             | 23                 |
|     |                      |       | 180     | 0         | 23.56             | 23.39             | 23.27             | 24                 |
|     |                      | Inner | 1       | 1         | 26.67             | 26.35             | 26.28             | 24                 |
|     |                      |       | 1       | 187       | 25.92             | 25.68             | 25.59             | 24                 |
|     |                      |       | 90      | 45        | 26.09             | 25.79             | 25.73             | 24                 |
|     | DFT-s-OFDM QPSK      | Outer | 1       | 0         | 23.55             | 23.31             | 23.32             | 23                 |
|     |                      |       | 1       | 188       | 22.87             | 22.68             | 22.56             | 23                 |
|     |                      |       | 2       | 0         | 23.68             | 23.32             | 23.40             | 23                 |
|     |                      |       | 2       | 187       | 22.92             | 22.77             | 22.57             | 23                 |
|     |                      |       | 180     | 0         | 23.63             | 23.32             | 23.30             | 24                 |
|     |                      | Inner | 1       | 1         | 26.67             | 26.39             | 26.29             | 24                 |
|     |                      |       | 1       | 187       | 25.94             | 25.70             | 25.69             | 24                 |
|     |                      |       | 90      | 45        | 26.05             | 25.82             | 25.70             | 24                 |
|     | DFT-s-OFDM 16QAM     | Outer | 1       | 0         | 23.66             | 23.48             | 23.32             | 23                 |
|     |                      |       | 1       | 188       | 22.98             | 22.68             | 22.71             | 23                 |
|     |                      |       | 2       | 0         | 23.63             | 23.35             | 23.24             | 23                 |
|     |                      |       | 2       | 187       | 22.97             | 22.79             | 22.64             | 23                 |
|     |                      |       | 180     | 0         | 23.63             | 23.36             | 23.24             | 24                 |
|     |                      | Inner | 1       | 1         | 26.40             | 26.19             | 26.08             | 24                 |
|     |                      |       | 1       | 187       | 25.84             | 25.59             | 25.45             | 24                 |
|     |                      |       | 90      | 45        | 26.03             | 25.84             | 25.75             | 24                 |
|     | DFT-s-OFDM 64QAM     | Outer | 1       | 0         | 23.85             | 23.56             | 23.53             | 23                 |
|     |                      |       | 1       | 188       | 23.18             | 22.97             | 22.79             | 23                 |
|     |                      |       | 2       | 0         | 23.40             | 23.17             | 23.16             | 23                 |
|     |                      |       | 2       | 187       | 22.94             | 22.58             | 22.61             | 23                 |
|     |                      |       | 180     | 0         | 23.59             | 23.34             | 23.25             | 24                 |
|     |                      | Inner | 1       | 1         | 26.31             | 25.96             | 25.98             | 24                 |
|     |                      |       | 1       | 187       | 25.69             | 25.33             | 25.40             | 24                 |
|     |                      |       | 90      | 45        | 26.07             | 25.90             | 25.69             | 24                 |
|     | DFT-s-OFDM 256QAM    | Outer | 1       | 0         | 23.16             | 22.99             | 22.81             | 23                 |
|     |                      |       | 1       | 188       | 22.47             | 22.23             | 22.21             | 23                 |
|     |                      |       | 2       | 0         | 23.72             | 23.42             | 23.23             | 23                 |
|     |                      |       | 2       | 187       | 23.03             | 22.72             | 22.72             | 23                 |
|     |                      |       | 180     | 0         | 23.52             | 23.31             | 23.12             | 24                 |
|     |                      | Inner | 1       | 1         | 26.13             | 25.98             | 25.79             | 24                 |
|     |                      |       | 1       | 187       | 25.44             | 25.18             | 25.14             | 24                 |
|     |                      |       | 90      | 45        | 26.13             | 25.93             | 25.78             | 24                 |

| BW  | MCS Index            | RB    | RB Size | RB Offset | Low CH 649334     | Mid CH 656000     | High CH 662666    | Max. Tune-up (dBm) |
|-----|----------------------|-------|---------|-----------|-------------------|-------------------|-------------------|--------------------|
|     |                      |       |         |           | Frequency 3740MHz | Frequency 3840MHz | Frequency 3940MHz |                    |
| 80M | DFT-s-OFDM Pi/2 BPSK | Outer | 1       | 0         | 23.55             | 23.27             | 23.23             | 23                 |
|     |                      |       | 1       | 216       | 22.90             | 22.59             | 22.58             | 23                 |
|     |                      |       | 2       | 0         | 23.61             | 23.40             | 23.37             | 23                 |
|     |                      |       | 2       | 215       | 22.94             | 22.77             | 22.58             | 23                 |
|     |                      | Inner | 216     | 0         | 23.54             | 23.46             | 23.24             | 24                 |
|     |                      |       | 1       | 1         | 26.64             | 26.32             | 26.35             | 24                 |
|     |                      |       | 1       | 215       | 25.93             | 25.74             | 25.60             | 24                 |
|     |                      |       | 108     | 54        | 26.04             | 25.75             | 25.75             | 24                 |
|     | DFT-s-OFDM QPSK      | Outer | 1       | 0         | 23.49             | 23.37             | 23.28             | 23                 |
|     |                      |       | 1       | 216       | 22.93             | 22.64             | 22.59             | 23                 |
|     |                      |       | 2       | 0         | 23.62             | 23.34             | 23.33             | 23                 |
|     |                      |       | 2       | 215       | 22.94             | 22.79             | 22.56             | 23                 |
|     |                      | Inner | 216     | 0         | 23.59             | 23.33             | 23.30             | 24                 |
|     |                      |       | 1       | 1         | 26.63             | 26.39             | 26.29             | 24                 |
|     |                      |       | 1       | 215       | 25.93             | 25.73             | 25.69             | 24                 |
|     |                      |       | 108     | 54        | 25.98             | 25.82             | 25.72             | 24                 |
|     | DFT-s-OFDM 16QAM     | Outer | 1       | 0         | 23.65             | 23.55             | 23.36             | 23                 |
|     |                      |       | 1       | 216       | 22.97             | 22.69             | 22.65             | 23                 |
|     |                      |       | 2       | 0         | 23.57             | 23.41             | 23.27             | 23                 |
|     |                      |       | 2       | 215       | 22.99             | 22.82             | 22.58             | 23                 |
|     |                      | Inner | 216     | 0         | 23.59             | 23.35             | 23.25             | 24                 |
|     |                      |       | 1       | 1         | 26.40             | 26.17             | 26.04             | 24                 |
|     |                      |       | 1       | 215       | 25.78             | 25.56             | 25.48             | 24                 |
|     |                      |       | 108     | 54        | 26.03             | 25.89             | 25.71             | 24                 |
|     | DFT-s-OFDM 64QAM     | Outer | 1       | 0         | 23.78             | 23.59             | 23.54             | 23                 |
|     |                      |       | 1       | 216       | 23.17             | 22.93             | 22.77             | 23                 |
|     |                      |       | 2       | 0         | 23.39             | 23.24             | 23.20             | 23                 |
|     |                      |       | 2       | 215       | 22.92             | 22.59             | 22.59             | 23                 |
|     |                      | Inner | 216     | 0         | 23.59             | 23.33             | 23.29             | 24                 |
|     |                      |       | 1       | 1         | 26.29             | 26.00             | 25.95             | 24                 |
|     |                      |       | 1       | 215       | 25.68             | 25.35             | 25.39             | 24                 |
|     |                      |       | 108     | 54        | 26.13             | 25.87             | 25.69             | 24                 |
|     | DFT-s-OFDM 256QAM    | Outer | 1       | 0         | 23.12             | 22.98             | 22.84             | 23                 |
|     |                      |       | 1       | 216       | 22.52             | 22.29             | 22.15             | 23                 |
|     |                      |       | 2       | 0         | 23.68             | 23.36             | 23.25             | 23                 |
|     |                      |       | 2       | 215       | 23.04             | 22.74             | 22.72             | 23                 |
|     |                      | Inner | 216     | 0         | 23.55             | 23.35             | 23.13             | 24                 |
|     |                      |       | 1       | 1         | 26.17             | 25.92             | 25.84             | 24                 |
|     |                      |       | 1       | 215       | 25.43             | 25.19             | 25.11             | 24                 |
|     |                      |       | 108     | 54        | 26.13             | 25.90             | 25.81             | 24                 |