

|       |     |                                                |         |       |         |
|-------|-----|------------------------------------------------|---------|-------|---------|
| 10099 | CAC | EDGE-FDD (TDMA, 8PSK, TN 0-4)                  | GSM     | 9.55  | ± 9.6 % |
| 10100 | CAC | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)       | LTE-FDD | 5.67  | ± 9.6 % |
| 10101 | CAB | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)     | LTE-FDD | 6.42  | ± 9.6 % |
| 10102 | CAB | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)     | LTE-FDD | 6.60  | ± 9.6 % |
| 10103 | DAC | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)       | LTE-TDD | 9.29  | ± 9.6 % |
| 10104 | CAE | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)     | LTE-TDD | 9.97  | ± 9.6 % |
| 10105 | CAE | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)     | LTE-TDD | 10.01 | ± 9.6 % |
| 10108 | CAE | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)       | LTE-FDD | 5.80  | ± 9.6 % |
| 10109 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)     | LTE-FDD | 6.43  | ± 9.6 % |
| 10110 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)        | LTE-FDD | 5.75  | ± 9.6 % |
| 10111 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)      | LTE-FDD | 6.44  | ± 9.6 % |
| 10112 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)     | LTE-FDD | 6.59  | ± 9.6 % |
| 10113 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)      | LTE-FDD | 6.62  | ± 9.6 % |
| 10114 | CAG | IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)  | WLAN    | 8.10  | ± 9.6 % |
| 10115 | CAG | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)  | WLAN    | 8.46  | ± 9.6 % |
| 10116 | CAG | IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) | WLAN    | 8.15  | ± 9.6 % |
| 10117 | CAG | IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)       | WLAN    | 8.07  | ± 9.6 % |
| 10118 | CAD | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)       | WLAN    | 8.59  | ± 9.6 % |
| 10119 | CAD | IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)      | WLAN    | 8.13  | ± 9.6 % |
| 10140 | CAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)     | LTE-FDD | 6.49  | ± 9.6 % |
| 10141 | CAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)     | LTE-FDD | 6.53  | ± 9.6 % |
| 10142 | CAD | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)        | LTE-FDD | 5.73  | ± 9.6 % |
| 10143 | CAD | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)      | LTE-FDD | 6.35  | ± 9.6 % |
| 10144 | CAC | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)      | LTE-FDD | 6.65  | ± 9.6 % |
| 10145 | CAC | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)      | LTE-FDD | 5.76  | ± 9.6 % |
| 10146 | CAC | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)    | LTE-FDD | 6.41  | ± 9.6 % |
| 10147 | CAC | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)    | LTE-FDD | 6.72  | ± 9.6 % |
| 10149 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)      | LTE-FDD | 6.42  | ± 9.6 % |
| 10150 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)      | LTE-FDD | 6.60  | ± 9.6 % |
| 10151 | CAE | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)        | LTE-TDD | 9.28  | ± 9.6 % |
| 10152 | CAE | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)      | LTE-TDD | 9.92  | ± 9.6 % |
| 10153 | CAE | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)      | LTE-TDD | 10.05 | ± 9.6 % |
| 10154 | CAF | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)        | LTE-FDD | 5.75  | ± 9.6 % |
| 10155 | CAF | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)      | LTE-FDD | 6.43  | ± 9.6 % |
| 10156 | CAF | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)         | LTE-FDD | 5.79  | ± 9.6 % |
| 10157 | CAE | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)       | LTE-FDD | 6.49  | ± 9.6 % |
| 10158 | CAE | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)      | LTE-FDD | 6.62  | ± 9.6 % |
| 10159 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)       | LTE-FDD | 6.56  | ± 9.6 % |
| 10160 | CAG | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)        | LTE-FDD | 5.82  | ± 9.6 % |
| 10161 | CAG | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)      | LTE-FDD | 6.43  | ± 9.6 % |
| 10162 | CAG | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)      | LTE-FDD | 6.58  | ± 9.6 % |
| 10166 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)       | LTE-FDD | 5.46  | ± 9.6 % |
| 10167 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)     | LTE-FDD | 6.21  | ± 9.6 % |
| 10168 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)     | LTE-FDD | 6.79  | ± 9.6 % |
| 10169 | CAG | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)          | LTE-FDD | 5.73  | ± 9.6 % |
| 10170 | CAG | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)        | LTE-FDD | 6.52  | ± 9.6 % |
| 10171 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)        | LTE-FDD | 6.49  | ± 9.6 % |
| 10172 | CAE | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)          | LTE-TDD | 9.21  | ± 9.6 % |
| 10173 | CAE | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)        | LTE-TDD | 9.48  | ± 9.6 % |
| 10174 | CAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)        | LTE-TDD | 10.25 | ± 9.6 % |
| 10175 | CAF | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)          | LTE-FDD | 5.72  | ± 9.6 % |
| 10176 | CAF | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)        | LTE-FDD | 6.52  | ± 9.6 % |
| 10177 | CAE | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)           | LTE-FDD | 5.73  | ± 9.6 % |
| 10178 | CAE | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)         | LTE-FDD | 6.52  | ± 9.6 % |
| 10179 | AAE | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)        | LTE-FDD | 6.50  | ± 9.6 % |
| 10180 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)         | LTE-FDD | 6.50  | ± 9.6 % |

|       |     |                                               |         |       |         |
|-------|-----|-----------------------------------------------|---------|-------|---------|
| 10181 | CAG | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)         | LTE-FDD | 5.72  | ± 9.6 % |
| 10182 | CAG | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)       | LTE-FDD | 6.52  | ± 9.6 % |
| 10183 | CAG | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)       | LTE-FDD | 6.50  | ± 9.6 % |
| 10184 | CAG | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)          | LTE-FDD | 5.73  | ± 9.6 % |
| 10185 | CAI | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)        | LTE-FDD | 6.51  | ± 9.6 % |
| 10186 | CAG | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)        | LTE-FDD | 6.50  | ± 9.6 % |
| 10187 | CAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)        | LTE-FDD | 5.73  | ± 9.6 % |
| 10188 | CAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)      | LTE-FDD | 6.52  | ± 9.6 % |
| 10189 | CAE | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)      | LTE-FDD | 6.50  | ± 9.6 % |
| 10193 | CAE | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)  | WLAN    | 8.09  | ± 9.6 % |
| 10194 | AAD | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) | WLAN    | 8.12  | ± 9.6 % |
| 10195 | CAE | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) | WLAN    | 8.21  | ± 9.6 % |
| 10196 | CAE | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)       | WLAN    | 8.10  | ± 9.6 % |
| 10197 | AAE | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)      | WLAN    | 8.13  | ± 9.6 % |
| 10198 | CAF | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)      | WLAN    | 8.27  | ± 9.6 % |
| 10219 | CAF | IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)       | WLAN    | 8.03  | ± 9.6 % |
| 10220 | AAF | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)    | WLAN    | 8.13  | ± 9.6 % |
| 10221 | CAC | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)    | WLAN    | 8.27  | ± 9.6 % |
| 10222 | CAC | IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)        | WLAN    | 8.06  | ± 9.6 % |
| 10223 | CAD | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)      | WLAN    | 8.48  | ± 9.6 % |
| 10224 | CAD | IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)     | WLAN    | 8.08  | ± 9.6 % |
| 10225 | CAD | UMTS-FDD (HSPA+)                              | WCDMA   | 5.97  | ± 9.6 % |
| 10226 | CAD | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)      | LTE-TDD | 9.49  | ± 9.6 % |
| 10227 | CAD | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)      | LTE-TDD | 10.26 | ± 9.6 % |
| 10228 | CAD | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)        | LTE-TDD | 9.22  | ± 9.6 % |
| 10229 | DAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)        | LTE-TDD | 9.48  | ± 9.6 % |
| 10230 | CAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)        | LTE-TDD | 10.25 | ± 9.6 % |
| 10231 | CAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)          | LTE-TDD | 9.19  | ± 9.6 % |
| 10232 | CAD | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)        | LTE-TDD | 9.48  | ± 9.6 % |
| 10233 | CAD | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)        | LTE-TDD | 10.25 | ± 9.6 % |
| 10234 | CAD | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)          | LTE-TDD | 9.21  | ± 9.6 % |
| 10235 | CAD | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)       | LTE-TDD | 9.48  | ± 9.6 % |
| 10236 | CAD | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)       | LTE-TDD | 10.25 | ± 9.6 % |
| 10237 | CAD | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)         | LTE-TDD | 9.21  | ± 9.6 % |
| 10238 | CAB | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)       | LTE-TDD | 9.48  | ± 9.6 % |
| 10239 | CAB | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)       | LTE-TDD | 10.25 | ± 9.6 % |
| 10240 | CAB | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)         | LTE-TDD | 9.21  | ± 9.6 % |
| 10241 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)    | LTE-TDD | 9.82  | ± 9.6 % |
| 10242 | CAD | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)    | LTE-TDD | 9.86  | ± 9.6 % |
| 10243 | CAD | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)      | LTE-TDD | 9.46  | ± 9.6 % |
| 10244 | CAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)      | LTE-TDD | 10.06 | ± 9.6 % |
| 10245 | CAG | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)      | LTE-TDD | 10.06 | ± 9.6 % |
| 10246 | CAG | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)        | LTE-TDD | 9.30  | ± 9.6 % |
| 10247 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)      | LTE-TDD | 9.91  | ± 9.6 % |
| 10248 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)      | LTE-TDD | 10.09 | ± 9.6 % |
| 10249 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)        | LTE-TDD | 9.29  | ± 9.6 % |
| 10250 | CAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)     | LTE-TDD | 9.81  | ± 9.6 % |
| 10251 | CAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)     | LTE-TDD | 10.17 | ± 9.6 % |
| 10252 | CAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)       | LTE-TDD | 9.24  | ± 9.6 % |
| 10253 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)     | LTE-TDD | 9.90  | ± 9.6 % |
| 10254 | CAB | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)     | LTE-TDD | 10.14 | ± 9.6 % |
| 10255 | CAB | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)       | LTE-TDD | 9.20  | ± 9.6 % |
| 10256 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)   | LTE-TDD | 9.96  | ± 9.6 % |
| 10257 | CAD | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)   | LTE-TDD | 10.08 | ± 9.6 % |
| 10258 | CAD | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)     | LTE-TDD | 9.34  | ± 9.6 % |
| 10259 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)     | LTE-TDD | 9.98  | ± 9.6 % |

|       |     |                                                           |          |       |         |
|-------|-----|-----------------------------------------------------------|----------|-------|---------|
| 10260 | CAG | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)                 | LTE-TDD  | 9.97  | ± 9.6 % |
| 10261 | CAG | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)                   | LTE-TDD  | 9.24  | ± 9.6 % |
| 10262 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)                 | LTE-TDD  | 9.83  | ± 9.6 % |
| 10263 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)                 | LTE-TDD  | 10.16 | ± 9.6 % |
| 10264 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)                   | LTE-TDD  | 9.23  | ± 9.6 % |
| 10265 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)                | LTE-TDD  | 9.92  | ± 9.6 % |
| 10266 | CAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)                | LTE-TDD  | 10.07 | ± 9.6 % |
| 10267 | CAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)                  | LTE-TDD  | 9.30  | ± 9.6 % |
| 10268 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)                | LTE-TDD  | 10.06 | ± 9.6 % |
| 10269 | CAB | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)                | LTE-TDD  | 10.13 | ± 9.6 % |
| 10270 | CAB | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)                  | LTE-TDD  | 9.58  | ± 9.6 % |
| 10274 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)                 | WCDMA    | 4.87  | ± 9.6 % |
| 10275 | CAD | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)                  | WCDMA    | 3.96  | ± 9.6 % |
| 10277 | CAD | PHS (QPSK)                                                | PHS      | 11.81 | ± 9.6 % |
| 10278 | CAD | PHS (QPSK, BW 884MHz, Rolloff 0.5)                        | PHS      | 11.81 | ± 9.6 % |
| 10279 | CAG | PHS (QPSK, BW 884MHz, Rolloff 0.38)                       | PHS      | 12.18 | ± 9.6 % |
| 10290 | CAG | CDMA2000, RC1, SO55, Full Rate                            | CDMA2000 | 3.91  | ± 9.6 % |
| 10291 | CAG | CDMA2000, RC3, SO55, Full Rate                            | CDMA2000 | 3.46  | ± 9.6 % |
| 10292 | CAG | CDMA2000, RC3, SO32, Full Rate                            | CDMA2000 | 3.39  | ± 9.6 % |
| 10293 | CAG | CDMA2000, RC3, SO3, Full Rate                             | CDMA2000 | 3.50  | ± 9.6 % |
| 10295 | CAG | CDMA2000, RC1, SO3, 1/8th Rate 25 fr.                     | CDMA2000 | 12.49 | ± 9.6 % |
| 10297 | CAF | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)                   | LTE-FDD  | 5.81  | ± 9.6 % |
| 10298 | CAF | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)                    | LTE-FDD  | 5.72  | ± 9.6 % |
| 10299 | CAF | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)                  | LTE-FDD  | 6.39  | ± 9.6 % |
| 10300 | CAC | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)                  | LTE-FDD  | 6.60  | ± 9.6 % |
| 10301 | CAC | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)        | WiMAX    | 12.03 | ± 9.6 % |
| 10302 | CAB | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL) | WiMAX    | 12.57 | ± 9.6 % |
| 10303 | CAB | IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)       | WiMAX    | 12.52 | ± 9.6 % |
| 10304 | CAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)       | WiMAX    | 11.86 | ± 9.6 % |
| 10305 | CAA | IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)      | WiMAX    | 15.24 | ± 9.6 % |
| 10306 | CAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)      | WiMAX    | 14.67 | ± 9.6 % |
| 10307 | AAB | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC)       | WiMAX    | 14.49 | ± 9.6 % |
| 10308 | AAB | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)      | WiMAX    | 14.46 | ± 9.6 % |
| 10309 | AAB | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3)   | WiMAX    | 14.58 | ± 9.6 % |
| 10310 | AAB | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3)    | WiMAX    | 14.57 | ± 9.6 % |
| 10311 | AAB | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)                  | LTE-FDD  | 6.06  | ± 9.6 % |
| 10313 | AAD | iDEN 1:3                                                  | iDEN     | 10.51 | ± 9.6 % |
| 10314 | AAD | iDEN 1:6                                                  | iDEN     | 13.48 | ± 9.6 % |
| 10315 | AAD | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)         | WLAN     | 1.71  | ± 9.6 % |
| 10316 | AAD | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)     | WLAN     | 8.36  | ± 9.6 % |
| 10317 | AAA | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)           | WLAN     | 8.36  | ± 9.6 % |
| 10352 | AAA | Pulse Waveform (200Hz, 10%)                               | Generic  | 10.00 | ± 9.6 % |
| 10353 | AAA | Pulse Waveform (200Hz, 20%)                               | Generic  | 6.99  | ± 9.6 % |
| 10354 | AAA | Pulse Waveform (200Hz, 40%)                               | Generic  | 3.98  | ± 9.6 % |
| 10355 | AAA | Pulse Waveform (200Hz, 60%)                               | Generic  | 2.22  | ± 9.6 % |
| 10356 | AAA | Pulse Waveform (200Hz, 80%)                               | Generic  | 0.97  | ± 9.6 % |
| 10387 | AAA | QPSK Waveform, 1 MHz                                      | Generic  | 5.10  | ± 9.6 % |
| 10388 | AAA | QPSK Waveform, 10 MHz                                     | Generic  | 5.22  | ± 9.6 % |
| 10396 | AAA | 64-QAM Waveform, 100 kHz                                  | Generic  | 6.27  | ± 9.6 % |
| 10399 | AAA | 64-QAM Waveform, 40 MHz                                   | Generic  | 6.27  | ± 9.6 % |
| 10400 | AAD | IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)               | WLAN     | 8.37  | ± 9.6 % |
| 10401 | AAA | IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)               | WLAN     | 8.60  | ± 9.6 % |
| 10402 | AAA | IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)               | WLAN     | 8.53  | ± 9.6 % |
| 10403 | AAB | CDMA2000 (1xEV-DO, Rev. 0)                                | CDMA2000 | 3.76  | ± 9.6 % |
| 10404 | AAB | CDMA2000 (1xEV-DO, Rev. A)                                | CDMA2000 | 3.77  | ± 9.6 % |
| 10406 | AAD | CDMA2000, RC3, SO32, SCH0, Full Rate                      | CDMA2000 | 5.22  | ± 9.6 % |

|       |     |                                                            |          |       |         |
|-------|-----|------------------------------------------------------------|----------|-------|---------|
| 10410 | AAA | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)  | LTE-TDD  | 7.82  | ± 9.6 % |
| 10414 | AAA | WLAN CCDF, 64-QAM, 40MHz                                   | Generic  | 8.54  | ± 9.6 % |
| 10415 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)          | WLAN     | 1.54  | ± 9.6 % |
| 10416 | AAA | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)      | WLAN     | 8.23  | ± 9.6 % |
| 10417 | AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)          | WLAN     | 8.23  | ± 9.6 % |
| 10418 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)  | WLAN     | 8.14  | ± 9.6 % |
| 10419 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short) | WLAN     | 8.19  | ± 9.6 % |
| 10422 | AAA | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)               | WLAN     | 8.32  | ± 9.6 % |
| 10423 | AAA | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)            | WLAN     | 8.47  | ± 9.6 % |
| 10424 | AAE | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)            | WLAN     | 8.40  | ± 9.6 % |
| 10425 | AAE | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)                | WLAN     | 8.41  | ± 9.6 % |
| 10426 | AAE | IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)              | WLAN     | 8.45  | ± 9.6 % |
| 10427 | AAB | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)             | WLAN     | 8.41  | ± 9.6 % |
| 10430 | AAB | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)                           | LTE-FDD  | 8.28  | ± 9.6 % |
| 10431 | AAC | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)                          | LTE-FDD  | 8.38  | ± 9.6 % |
| 10432 | AAB | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)                          | LTE-FDD  | 8.34  | ± 9.6 % |
| 10433 | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)                          | LTE-FDD  | 8.34  | ± 9.6 % |
| 10434 | AAG | W-CDMA (BS Test Model 1, 64 DPCH)                          | WCDMA    | 8.60  | ± 9.6 % |
| 10435 | AAA | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)              | LTE-TDD  | 7.82  | ± 9.6 % |
| 10447 | AAA | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)             | LTE-FDD  | 7.56  | ± 9.6 % |
| 10448 | AAA | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)            | LTE-FDD  | 7.53  | ± 9.6 % |
| 10449 | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)            | LTE-FDD  | 7.51  | ± 9.6 % |
| 10450 | AAA | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)            | LTE-FDD  | 7.48  | ± 9.6 % |
| 10451 | AAA | W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)            | WCDMA    | 7.59  | ± 9.6 % |
| 10453 | AAC | Validation (Square, 10ms, 1ms)                             | Test     | 10.00 | ± 9.6 % |
| 10456 | AAC | IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc)               | WLAN     | 8.63  | ± 9.6 % |
| 10457 | AAC | UMTS-FDD (DC-HSDPA)                                        | WCDMA    | 6.62  | ± 9.6 % |
| 10458 | AAC | CDMA2000 (1xEV-DO, Rev. B, 2 carriers)                     | CDMA2000 | 6.55  | ± 9.6 % |
| 10459 | AAC | CDMA2000 (1xEV-DO, Rev. B, 3 carriers)                     | CDMA2000 | 8.25  | ± 9.6 % |
| 10460 | AAC | UMTS-FDD (WCDMA, AMR)                                      | WCDMA    | 2.39  | ± 9.6 % |
| 10461 | AAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)             | LTE-TDD  | 7.82  | ± 9.6 % |
| 10462 | AAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)           | LTE-TDD  | 8.30  | ± 9.6 % |
| 10463 | AAD | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)           | LTE-TDD  | 8.56  | ± 9.6 % |
| 10464 | AAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)               | LTE-TDD  | 7.82  | ± 9.6 % |
| 10465 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)             | LTE-TDD  | 8.32  | ± 9.6 % |
| 10466 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)             | LTE-TDD  | 8.57  | ± 9.6 % |
| 10467 | AAA | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)               | LTE-TDD  | 7.82  | ± 9.6 % |
| 10468 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)             | LTE-TDD  | 8.32  | ± 9.6 % |
| 10469 | AAD | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)             | LTE-TDD  | 8.56  | ± 9.6 % |
| 10470 | AAD | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)              | LTE-TDD  | 7.82  | ± 9.6 % |
| 10471 | AAC | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)            | LTE-TDD  | 8.32  | ± 9.6 % |
| 10472 | AAC | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)            | LTE-TDD  | 8.57  | ± 9.6 % |
| 10473 | AAA | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)              | LTE-TDD  | 7.82  | ± 9.6 % |
| 10474 | AAC | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)            | LTE-TDD  | 8.32  | ± 9.6 % |
| 10475 | AAD | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)            | LTE-TDD  | 8.57  | ± 9.6 % |
| 10477 | AAC | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)            | LTE-TDD  | 8.32  | ± 9.6 % |
| 10478 | AAC | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)            | LTE-TDD  | 8.57  | ± 9.6 % |
| 10479 | AAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)           | LTE-TDD  | 7.74  | ± 9.6 % |
| 10480 | AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)         | LTE-TDD  | 8.18  | ± 9.6 % |
| 10481 | AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)         | LTE-TDD  | 8.45  | ± 9.6 % |
| 10482 | AAA | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)             | LTE-TDD  | 7.71  | ± 9.6 % |
| 10483 | AAA | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)              | LTE-TDD  | 8.39  | ± 9.6 % |
| 10484 | AAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)           | LTE-TDD  | 8.47  | ± 9.6 % |
| 10485 | AAB | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)             | LTE-TDD  | 7.59  | ± 9.6 % |
| 10486 | AAB | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)           | LTE-TDD  | 8.38  | ± 9.6 % |
| 10487 | AAC | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)           | LTE-TDD  | 8.60  | ± 9.6 % |

|       |     |                                                     |         |      |         |
|-------|-----|-----------------------------------------------------|---------|------|---------|
| 10488 | AAC | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)     | LTE-TDD | 7.70 | ± 9.6 % |
| 10489 | AAC | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)   | LTE-TDD | 8.31 | ± 9.6 % |
| 10490 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)   | LTE-TDD | 8.54 | ± 9.6 % |
| 10491 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)     | LTE-TDD | 7.74 | ± 9.6 % |
| 10492 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)   | LTE-TDD | 8.41 | ± 9.6 % |
| 10493 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)   | LTE-TDD | 8.55 | ± 9.6 % |
| 10494 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)     | LTE-TDD | 7.74 | ± 9.6 % |
| 10495 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)   | LTE-TDD | 8.37 | ± 9.6 % |
| 10496 | AAE | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)   | LTE-TDD | 8.54 | ± 9.6 % |
| 10497 | AAE | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)   | LTE-TDD | 7.67 | ± 9.6 % |
| 10498 | AAE | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.40 | ± 9.6 % |
| 10499 | AAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.68 | ± 9.6 % |
| 10500 | AAF | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)     | LTE-TDD | 7.67 | ± 9.6 % |
| 10501 | AAF | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)   | LTE-TDD | 8.44 | ± 9.6 % |
| 10502 | AAB | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)   | LTE-TDD | 8.52 | ± 9.6 % |
| 10503 | AAB | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)     | LTE-TDD | 7.72 | ± 9.6 % |
| 10504 | AAB | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)   | LTE-TDD | 8.31 | ± 9.6 % |
| 10505 | AAC | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)   | LTE-TDD | 8.54 | ± 9.6 % |
| 10506 | AAC | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)    | LTE-TDD | 7.74 | ± 9.6 % |
| 10507 | AAC | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)  | LTE-TDD | 8.36 | ± 9.6 % |
| 10508 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)  | LTE-TDD | 8.55 | ± 9.6 % |
| 10509 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)    | LTE-TDD | 7.99 | ± 9.6 % |
| 10510 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)  | LTE-TDD | 8.49 | ± 9.6 % |
| 10511 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)  | LTE-TDD | 8.51 | ± 9.6 % |
| 10512 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)    | LTE-TDD | 7.74 | ± 9.6 % |
| 10513 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)  | LTE-TDD | 8.42 | ± 9.6 % |
| 10514 | AAE | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)  | LTE-TDD | 8.45 | ± 9.6 % |
| 10515 | AAE | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)   | WLAN    | 1.58 | ± 9.6 % |
| 10516 | AAE | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc) | WLAN    | 1.57 | ± 9.6 % |
| 10517 | AAF | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)  | WLAN    | 1.58 | ± 9.6 % |
| 10518 | AAF | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)   | WLAN    | 8.23 | ± 9.6 % |
| 10519 | AAF | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)  | WLAN    | 8.39 | ± 9.6 % |
| 10520 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)  | WLAN    | 8.12 | ± 9.6 % |
| 10521 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)  | WLAN    | 7.97 | ± 9.6 % |
| 10522 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)  | WLAN    | 8.45 | ± 9.6 % |
| 10523 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)  | WLAN    | 8.08 | ± 9.6 % |
| 10524 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)  | WLAN    | 8.27 | ± 9.6 % |
| 10525 | AAC | IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)           | WLAN    | 8.36 | ± 9.6 % |
| 10526 | AAF | IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)           | WLAN    | 8.42 | ± 9.6 % |
| 10527 | AAF | IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)           | WLAN    | 8.21 | ± 9.6 % |
| 10528 | AAF | IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)           | WLAN    | 8.36 | ± 9.6 % |
| 10529 | AAF | IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)           | WLAN    | 8.36 | ± 9.6 % |
| 10531 | AAF | IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)           | WLAN    | 8.43 | ± 9.6 % |
| 10532 | AAF | IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)           | WLAN    | 8.29 | ± 9.6 % |
| 10533 | AAE | IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)           | WLAN    | 8.38 | ± 9.6 % |
| 10534 | AAE | IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)           | WLAN    | 8.45 | ± 9.6 % |
| 10535 | AAE | IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)           | WLAN    | 8.45 | ± 9.6 % |
| 10536 | AAF | IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)           | WLAN    | 8.32 | ± 9.6 % |
| 10537 | AAF | IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)           | WLAN    | 8.44 | ± 9.6 % |
| 10538 | AAF | IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)           | WLAN    | 8.54 | ± 9.6 % |
| 10540 | AAA | IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)           | WLAN    | 8.39 | ± 9.6 % |
| 10541 | AAA | IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)           | WLAN    | 8.46 | ± 9.6 % |
| 10542 | AAA | IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)           | WLAN    | 8.65 | ± 9.6 % |
| 10543 | AAC | IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)           | WLAN    | 8.65 | ± 9.6 % |
| 10544 | AAC | IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)           | WLAN    | 8.47 | ± 9.6 % |
| 10545 | AAC | IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)           | WLAN    | 8.55 | ± 9.6 % |

|       |     |                                                         |      |      |         |
|-------|-----|---------------------------------------------------------|------|------|---------|
| 10546 | AAC | IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)               | WLAN | 8.35 | ± 9.6 % |
| 10547 | AAC | IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)               | WLAN | 8.49 | ± 9.6 % |
| 10548 | AAC | IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc)               | WLAN | 8.37 | ± 9.6 % |
| 10550 | AAC | IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)               | WLAN | 8.38 | ± 9.6 % |
| 10551 | AAC | IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)               | WLAN | 8.50 | ± 9.6 % |
| 10552 | AAC | IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)               | WLAN | 8.42 | ± 9.6 % |
| 10553 | AAC | IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)               | WLAN | 8.45 | ± 9.6 % |
| 10554 | AAC | IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)              | WLAN | 8.48 | ± 9.6 % |
| 10555 | AAC | IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)              | WLAN | 8.47 | ± 9.6 % |
| 10556 | AAC | IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)              | WLAN | 8.50 | ± 9.6 % |
| 10557 | AAC | IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)              | WLAN | 8.52 | ± 9.6 % |
| 10558 | AAC | IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)              | WLAN | 8.61 | ± 9.6 % |
| 10560 | AAC | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)              | WLAN | 8.73 | ± 9.6 % |
| 10561 | AAC | IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)              | WLAN | 8.56 | ± 9.6 % |
| 10562 | AAC | IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)              | WLAN | 8.69 | ± 9.6 % |
| 10563 | AAC | IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)              | WLAN | 8.77 | ± 9.6 % |
| 10564 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)  | WLAN | 8.25 | ± 9.6 % |
| 10565 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10566 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc) | WLAN | 8.13 | ± 9.6 % |
| 10567 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc) | WLAN | 8.00 | ± 9.6 % |
| 10568 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10569 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc) | WLAN | 8.10 | ± 9.6 % |
| 10570 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc) | WLAN | 8.30 | ± 9.6 % |
| 10571 | AAC | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)       | WLAN | 1.99 | ± 9.6 % |
| 10572 | AAC | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)       | WLAN | 1.99 | ± 9.6 % |
| 10573 | AAC | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)     | WLAN | 1.98 | ± 9.6 % |
| 10574 | AAC | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)      | WLAN | 1.98 | ± 9.6 % |
| 10575 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)  | WLAN | 8.59 | ± 9.6 % |
| 10576 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)  | WLAN | 8.60 | ± 9.6 % |
| 10577 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10578 | AAD | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10579 | AAD | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10580 | AAD | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10581 | AAD | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc) | WLAN | 8.35 | ± 9.6 % |
| 10582 | AAD | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10583 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)       | WLAN | 8.59 | ± 9.6 % |
| 10584 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)       | WLAN | 8.60 | ± 9.6 % |
| 10585 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)      | WLAN | 8.70 | ± 9.6 % |
| 10586 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)      | WLAN | 8.49 | ± 9.6 % |
| 10587 | AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)      | WLAN | 8.36 | ± 9.6 % |
| 10588 | AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)      | WLAN | 8.76 | ± 9.6 % |
| 10589 | AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)      | WLAN | 8.35 | ± 9.6 % |
| 10590 | AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)      | WLAN | 8.67 | ± 9.6 % |
| 10591 | AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)           | WLAN | 8.63 | ± 9.6 % |
| 10592 | AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)           | WLAN | 8.79 | ± 9.6 % |
| 10593 | AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)           | WLAN | 8.64 | ± 9.6 % |
| 10594 | AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)           | WLAN | 8.74 | ± 9.6 % |
| 10595 | AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)           | WLAN | 8.74 | ± 9.6 % |
| 10596 | AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)           | WLAN | 8.71 | ± 9.6 % |
| 10597 | AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)           | WLAN | 8.72 | ± 9.6 % |
| 10598 | AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)           | WLAN | 8.50 | ± 9.6 % |
| 10599 | AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)           | WLAN | 8.79 | ± 9.6 % |
| 10600 | AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)           | WLAN | 8.88 | ± 9.6 % |
| 10601 | AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)           | WLAN | 8.82 | ± 9.6 % |
| 10602 | AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)           | WLAN | 8.94 | ± 9.6 % |
| 10603 | AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)           | WLAN | 9.03 | ± 9.6 % |

|       |     |                                                   |           |       |         |
|-------|-----|---------------------------------------------------|-----------|-------|---------|
| 10604 | AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)     | WLAN      | 8.76  | ± 9.6 % |
| 10605 | AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)     | WLAN      | 8.97  | ± 9.6 % |
| 10606 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)     | WLAN      | 8.82  | ± 9.6 % |
| 10607 | AAC | IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)         | WLAN      | 8.64  | ± 9.6 % |
| 10608 | AAC | IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)         | WLAN      | 8.77  | ± 9.6 % |
| 10609 | AAC | IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)         | WLAN      | 8.57  | ± 9.6 % |
| 10610 | AAC | IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)         | WLAN      | 8.78  | ± 9.6 % |
| 10611 | AAC | IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)         | WLAN      | 8.70  | ± 9.6 % |
| 10612 | AAC | IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)         | WLAN      | 8.77  | ± 9.6 % |
| 10613 | AAC | IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)         | WLAN      | 8.94  | ± 9.6 % |
| 10614 | AAC | IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)         | WLAN      | 8.59  | ± 9.6 % |
| 10615 | AAC | IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)         | WLAN      | 8.82  | ± 9.6 % |
| 10616 | AAC | IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)         | WLAN      | 8.82  | ± 9.6 % |
| 10617 | AAC | IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)         | WLAN      | 8.81  | ± 9.6 % |
| 10618 | AAC | IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)         | WLAN      | 8.58  | ± 9.6 % |
| 10619 | AAC | IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)         | WLAN      | 8.86  | ± 9.6 % |
| 10620 | AAC | IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)         | WLAN      | 8.87  | ± 9.6 % |
| 10621 | AAC | IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)         | WLAN      | 8.77  | ± 9.6 % |
| 10622 | AAC | IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)         | WLAN      | 8.68  | ± 9.6 % |
| 10623 | AAC | IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)         | WLAN      | 8.82  | ± 9.6 % |
| 10624 | AAC | IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)         | WLAN      | 8.96  | ± 9.6 % |
| 10625 | AAC | IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)         | WLAN      | 8.96  | ± 9.6 % |
| 10626 | AAC | IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)         | WLAN      | 8.83  | ± 9.6 % |
| 10627 | AAC | IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)         | WLAN      | 8.88  | ± 9.6 % |
| 10628 | AAC | IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)         | WLAN      | 8.71  | ± 9.6 % |
| 10629 | AAC | IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)         | WLAN      | 8.85  | ± 9.6 % |
| 10630 | AAC | IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)         | WLAN      | 8.72  | ± 9.6 % |
| 10631 | AAC | IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)         | WLAN      | 8.81  | ± 9.6 % |
| 10632 | AAC | IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)         | WLAN      | 8.74  | ± 9.6 % |
| 10633 | AAC | IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)         | WLAN      | 8.83  | ± 9.6 % |
| 10634 | AAC | IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)         | WLAN      | 8.80  | ± 9.6 % |
| 10635 | AAC | IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)         | WLAN      | 8.81  | ± 9.6 % |
| 10636 | AAC | IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)        | WLAN      | 8.83  | ± 9.6 % |
| 10637 | AAC | IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)        | WLAN      | 8.79  | ± 9.6 % |
| 10638 | AAC | IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)        | WLAN      | 8.86  | ± 9.6 % |
| 10639 | AAC | IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)        | WLAN      | 8.85  | ± 9.6 % |
| 10640 | AAC | IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)        | WLAN      | 8.98  | ± 9.6 % |
| 10641 | AAC | IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)        | WLAN      | 9.06  | ± 9.6 % |
| 10642 | AAC | IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)        | WLAN      | 9.06  | ± 9.6 % |
| 10643 | AAC | IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)        | WLAN      | 8.89  | ± 9.6 % |
| 10644 | AAC | IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)        | WLAN      | 9.05  | ± 9.6 % |
| 10645 | AAC | IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)        | WLAN      | 9.11  | ± 9.6 % |
| 10646 | AAC | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)  | LTE-TDD   | 11.96 | ± 9.6 % |
| 10647 | AAC | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7) | LTE-TDD   | 11.96 | ± 9.6 % |
| 10648 | AAC | CDMA2000 (1x Advanced)                            | CDMA2000  | 3.45  | ± 9.6 % |
| 10652 | AAC | LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)    | LTE-TDD   | 6.91  | ± 9.6 % |
| 10653 | AAC | LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)   | LTE-TDD   | 7.42  | ± 9.6 % |
| 10654 | AAC | LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)   | LTE-TDD   | 6.96  | ± 9.6 % |
| 10655 | AAC | LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)   | LTE-TDD   | 7.21  | ± 9.6 % |
| 10658 | AAC | Pulse Waveform (200Hz, 10%)                       | Test      | 10.00 | ± 9.6 % |
| 10659 | AAC | Pulse Waveform (200Hz, 20%)                       | Test      | 6.99  | ± 9.6 % |
| 10660 | AAC | Pulse Waveform (200Hz, 40%)                       | Test      | 3.98  | ± 9.6 % |
| 10661 | AAC | Pulse Waveform (200Hz, 60%)                       | Test      | 2.22  | ± 9.6 % |
| 10662 | AAC | Pulse Waveform (200Hz, 80%)                       | Test      | 0.97  | ± 9.6 % |
| 10670 | AAC | Bluetooth Low Energy                              | Bluetooth | 2.19  | ± 9.6 % |
| 10671 | AAD | IEEE 802.11ax (20MHz, MCS0, 90pc dc)              | WLAN      | 9.09  | ± 9.6 % |

|       |     |                                       |      |      |         |
|-------|-----|---------------------------------------|------|------|---------|
| 10672 | AAD | IEEE 802.11ax (20MHz, MCS1, 90pc dc)  | WLAN | 8.57 | ± 9.6 % |
| 10673 | AAD | IEEE 802.11ax (20MHz, MCS2, 90pc dc)  | WLAN | 8.78 | ± 9.6 % |
| 10674 | AAD | IEEE 802.11ax (20MHz, MCS3, 90pc dc)  | WLAN | 8.74 | ± 9.6 % |
| 10675 | AAD | IEEE 802.11ax (20MHz, MCS4, 90pc dc)  | WLAN | 8.90 | ± 9.6 % |
| 10676 | AAD | IEEE 802.11ax (20MHz, MCS5, 90pc dc)  | WLAN | 8.77 | ± 9.6 % |
| 10677 | AAD | IEEE 802.11ax (20MHz, MCS6, 90pc dc)  | WLAN | 8.73 | ± 9.6 % |
| 10678 | AAD | IEEE 802.11ax (20MHz, MCS7, 90pc dc)  | WLAN | 8.78 | ± 9.6 % |
| 10679 | AAD | IEEE 802.11ax (20MHz, MCS8, 90pc dc)  | WLAN | 8.89 | ± 9.6 % |
| 10680 | AAD | IEEE 802.11ax (20MHz, MCS9, 90pc dc)  | WLAN | 8.80 | ± 9.6 % |
| 10681 | AAG | IEEE 802.11ax (20MHz, MCS10, 90pc dc) | WLAN | 8.62 | ± 9.6 % |
| 10682 | AAF | IEEE 802.11ax (20MHz, MCS11, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10683 | AAA | IEEE 802.11ax (20MHz, MCS0, 99pc dc)  | WLAN | 8.42 | ± 9.6 % |
| 10684 | AAC | IEEE 802.11ax (20MHz, MCS1, 99pc dc)  | WLAN | 8.26 | ± 9.6 % |
| 10685 | AAC | IEEE 802.11ax (20MHz, MCS2, 99pc dc)  | WLAN | 8.33 | ± 9.6 % |
| 10686 | AAC | IEEE 802.11ax (20MHz, MCS3, 99pc dc)  | WLAN | 8.28 | ± 9.6 % |
| 10687 | AAE | IEEE 802.11ax (20MHz, MCS4, 99pc dc)  | WLAN | 8.45 | ± 9.6 % |
| 10688 | AAE | IEEE 802.11ax (20MHz, MCS5, 99pc dc)  | WLAN | 8.29 | ± 9.6 % |
| 10689 | AAD | IEEE 802.11ax (20MHz, MCS6, 99pc dc)  | WLAN | 8.55 | ± 9.6 % |
| 10690 | AAE | IEEE 802.11ax (20MHz, MCS7, 99pc dc)  | WLAN | 8.29 | ± 9.6 % |
| 10691 | AAB | IEEE 802.11ax (20MHz, MCS8, 99pc dc)  | WLAN | 8.25 | ± 9.6 % |
| 10692 | AAA | IEEE 802.11ax (20MHz, MCS9, 99pc dc)  | WLAN | 8.29 | ± 9.6 % |
| 10693 | AAA | IEEE 802.11ax (20MHz, MCS10, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10694 | AAA | IEEE 802.11ax (20MHz, MCS11, 99pc dc) | WLAN | 8.57 | ± 9.6 % |
| 10695 | AAA | IEEE 802.11ax (40MHz, MCS0, 90pc dc)  | WLAN | 8.78 | ± 9.6 % |
| 10696 | AAA | IEEE 802.11ax (40MHz, MCS1, 90pc dc)  | WLAN | 8.91 | ± 9.6 % |
| 10697 | AAA | IEEE 802.11ax (40MHz, MCS2, 90pc dc)  | WLAN | 8.61 | ± 9.6 % |
| 10698 | AAA | IEEE 802.11ax (40MHz, MCS3, 90pc dc)  | WLAN | 8.89 | ± 9.6 % |
| 10699 | AAA | IEEE 802.11ax (40MHz, MCS4, 90pc dc)  | WLAN | 8.82 | ± 9.6 % |
| 10700 | AAA | IEEE 802.11ax (40MHz, MCS5, 90pc dc)  | WLAN | 8.73 | ± 9.6 % |
| 10701 | AAA | IEEE 802.11ax (40MHz, MCS6, 90pc dc)  | WLAN | 8.86 | ± 9.6 % |
| 10702 | AAA | IEEE 802.11ax (40MHz, MCS7, 90pc dc)  | WLAN | 8.70 | ± 9.6 % |
| 10703 | AAA | IEEE 802.11ax (40MHz, MCS8, 90pc dc)  | WLAN | 8.82 | ± 9.6 % |
| 10704 | AAA | IEEE 802.11ax (40MHz, MCS9, 90pc dc)  | WLAN | 8.56 | ± 9.6 % |
| 10705 | AAA | IEEE 802.11ax (40MHz, MCS10, 90pc dc) | WLAN | 8.69 | ± 9.6 % |
| 10706 | AAC | IEEE 802.11ax (40MHz, MCS11, 90pc dc) | WLAN | 8.66 | ± 9.6 % |
| 10707 | AAC | IEEE 802.11ax (40MHz, MCS0, 99pc dc)  | WLAN | 8.32 | ± 9.6 % |
| 10708 | AAC | IEEE 802.11ax (40MHz, MCS1, 99pc dc)  | WLAN | 8.55 | ± 9.6 % |
| 10709 | AAC | IEEE 802.11ax (40MHz, MCS2, 99pc dc)  | WLAN | 8.33 | ± 9.6 % |
| 10710 | AAC | IEEE 802.11ax (40MHz, MCS3, 99pc dc)  | WLAN | 8.29 | ± 9.6 % |
| 10711 | AAC | IEEE 802.11ax (40MHz, MCS4, 99pc dc)  | WLAN | 8.39 | ± 9.6 % |
| 10712 | AAC | IEEE 802.11ax (40MHz, MCS5, 99pc dc)  | WLAN | 8.67 | ± 9.6 % |
| 10713 | AAC | IEEE 802.11ax (40MHz, MCS6, 99pc dc)  | WLAN | 8.33 | ± 9.6 % |
| 10714 | AAC | IEEE 802.11ax (40MHz, MCS7, 99pc dc)  | WLAN | 8.26 | ± 9.6 % |
| 10715 | AAC | IEEE 802.11ax (40MHz, MCS8, 99pc dc)  | WLAN | 8.45 | ± 9.6 % |
| 10716 | AAC | IEEE 802.11ax (40MHz, MCS9, 99pc dc)  | WLAN | 8.30 | ± 9.6 % |
| 10717 | AAC | IEEE 802.11ax (40MHz, MCS10, 99pc dc) | WLAN | 8.48 | ± 9.6 % |
| 10718 | AAC | IEEE 802.11ax (40MHz, MCS11, 99pc dc) | WLAN | 8.24 | ± 9.6 % |
| 10719 | AAC | IEEE 802.11ax (80MHz, MCS0, 90pc dc)  | WLAN | 8.81 | ± 9.6 % |
| 10720 | AAC | IEEE 802.11ax (80MHz, MCS1, 90pc dc)  | WLAN | 8.87 | ± 9.6 % |
| 10721 | AAC | IEEE 802.11ax (80MHz, MCS2, 90pc dc)  | WLAN | 8.76 | ± 9.6 % |
| 10722 | AAC | IEEE 802.11ax (80MHz, MCS3, 90pc dc)  | WLAN | 8.55 | ± 9.6 % |
| 10723 | AAC | IEEE 802.11ax (80MHz, MCS4, 90pc dc)  | WLAN | 8.70 | ± 9.6 % |
| 10724 | AAC | IEEE 802.11ax (80MHz, MCS5, 90pc dc)  | WLAN | 8.90 | ± 9.6 % |
| 10725 | AAC | IEEE 802.11ax (80MHz, MCS6, 90pc dc)  | WLAN | 8.74 | ± 9.6 % |
| 10726 | AAC | IEEE 802.11ax (80MHz, MCS7, 90pc dc)  | WLAN | 8.72 | ± 9.6 % |
| 10727 | AAC | IEEE 802.11ax (80MHz, MCS8, 90pc dc)  | WLAN | 8.66 | ± 9.6 % |

|       |     |                                               |               |      |         |
|-------|-----|-----------------------------------------------|---------------|------|---------|
| 10728 | AAC | IEEE 802.11ax (80MHz, MCS9, 90pc dc)          | WLAN          | 8.65 | ± 9.6 % |
| 10729 | AAC | IEEE 802.11ax (80MHz, MCS10, 90pc dc)         | WLAN          | 8.64 | ± 9.6 % |
| 10730 | AAC | IEEE 802.11ax (80MHz, MCS11, 90pc dc)         | WLAN          | 8.67 | ± 9.6 % |
| 10731 | AAC | IEEE 802.11ax (80MHz, MCS0, 99pc dc)          | WLAN          | 8.42 | ± 9.6 % |
| 10732 | AAC | IEEE 802.11ax (80MHz, MCS1, 99pc dc)          | WLAN          | 8.46 | ± 9.6 % |
| 10733 | AAC | IEEE 802.11ax (80MHz, MCS2, 99pc dc)          | WLAN          | 8.40 | ± 9.6 % |
| 10734 | AAC | IEEE 802.11ax (80MHz, MCS3, 99pc dc)          | WLAN          | 8.25 | ± 9.6 % |
| 10735 | AAC | IEEE 802.11ax (80MHz, MCS4, 99pc dc)          | WLAN          | 8.33 | ± 9.6 % |
| 10736 | AAC | IEEE 802.11ax (80MHz, MCS5, 99pc dc)          | WLAN          | 8.27 | ± 9.6 % |
| 10737 | AAC | IEEE 802.11ax (80MHz, MCS6, 99pc dc)          | WLAN          | 8.36 | ± 9.6 % |
| 10738 | AAC | IEEE 802.11ax (80MHz, MCS7, 99pc dc)          | WLAN          | 8.42 | ± 9.6 % |
| 10739 | AAC | IEEE 802.11ax (80MHz, MCS8, 99pc dc)          | WLAN          | 8.29 | ± 9.6 % |
| 10740 | AAC | IEEE 802.11ax (80MHz, MCS9, 99pc dc)          | WLAN          | 8.48 | ± 9.6 % |
| 10741 | AAC | IEEE 802.11ax (80MHz, MCS10, 99pc dc)         | WLAN          | 8.40 | ± 9.6 % |
| 10742 | AAC | IEEE 802.11ax (80MHz, MCS11, 99pc dc)         | WLAN          | 8.43 | ± 9.6 % |
| 10743 | AAC | IEEE 802.11ax (160MHz, MCS0, 90pc dc)         | WLAN          | 8.94 | ± 9.6 % |
| 10744 | AAC | IEEE 802.11ax (160MHz, MCS1, 90pc dc)         | WLAN          | 9.16 | ± 9.6 % |
| 10745 | AAC | IEEE 802.11ax (160MHz, MCS2, 90pc dc)         | WLAN          | 8.93 | ± 9.6 % |
| 10746 | AAC | IEEE 802.11ax (160MHz, MCS3, 90pc dc)         | WLAN          | 9.11 | ± 9.6 % |
| 10747 | AAC | IEEE 802.11ax (160MHz, MCS4, 90pc dc)         | WLAN          | 9.04 | ± 9.6 % |
| 10748 | AAC | IEEE 802.11ax (160MHz, MCS5, 90pc dc)         | WLAN          | 8.93 | ± 9.6 % |
| 10749 | AAC | IEEE 802.11ax (160MHz, MCS6, 90pc dc)         | WLAN          | 8.90 | ± 9.6 % |
| 10750 | AAC | IEEE 802.11ax (160MHz, MCS7, 90pc dc)         | WLAN          | 8.79 | ± 9.6 % |
| 10751 | AAC | IEEE 802.11ax (160MHz, MCS8, 90pc dc)         | WLAN          | 8.82 | ± 9.6 % |
| 10752 | AAC | IEEE 802.11ax (160MHz, MCS9, 90pc dc)         | WLAN          | 8.81 | ± 9.6 % |
| 10753 | AAC | IEEE 802.11ax (160MHz, MCS10, 90pc dc)        | WLAN          | 9.00 | ± 9.6 % |
| 10754 | AAC | IEEE 802.11ax (160MHz, MCS11, 90pc dc)        | WLAN          | 8.94 | ± 9.6 % |
| 10755 | AAC | IEEE 802.11ax (160MHz, MCS0, 99pc dc)         | WLAN          | 8.64 | ± 9.6 % |
| 10756 | AAC | IEEE 802.11ax (160MHz, MCS1, 99pc dc)         | WLAN          | 8.77 | ± 9.6 % |
| 10757 | AAC | IEEE 802.11ax (160MHz, MCS2, 99pc dc)         | WLAN          | 8.77 | ± 9.6 % |
| 10758 | AAC | IEEE 802.11ax (160MHz, MCS3, 99pc dc)         | WLAN          | 8.69 | ± 9.6 % |
| 10759 | AAC | IEEE 802.11ax (160MHz, MCS4, 99pc dc)         | WLAN          | 8.58 | ± 9.6 % |
| 10760 | AAC | IEEE 802.11ax (160MHz, MCS5, 99pc dc)         | WLAN          | 8.49 | ± 9.6 % |
| 10761 | AAC | IEEE 802.11ax (160MHz, MCS6, 99pc dc)         | WLAN          | 8.58 | ± 9.6 % |
| 10762 | AAC | IEEE 802.11ax (160MHz, MCS7, 99pc dc)         | WLAN          | 8.49 | ± 9.6 % |
| 10763 | AAC | IEEE 802.11ax (160MHz, MCS8, 99pc dc)         | WLAN          | 8.53 | ± 9.6 % |
| 10764 | AAC | IEEE 802.11ax (160MHz, MCS9, 99pc dc)         | WLAN          | 8.54 | ± 9.6 % |
| 10765 | AAC | IEEE 802.11ax (160MHz, MCS10, 99pc dc)        | WLAN          | 8.54 | ± 9.6 % |
| 10766 | AAC | IEEE 802.11ax (160MHz, MCS11, 99pc dc)        | WLAN          | 8.51 | ± 9.6 % |
| 10767 | AAC | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 7.99 | ± 9.6 % |
| 10768 | AAC | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10769 | AAC | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10770 | AAC | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10771 | AAC | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10772 | AAC | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.23 | ± 9.6 % |
| 10773 | AAC | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.03 | ± 9.6 % |
| 10774 | AAC | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10775 | AAC | 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.31 | ± 9.6 % |
| 10776 | AAC | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.30 | ± 9.6 % |
| 10777 | AAC | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.30 | ± 9.6 % |
| 10778 | AAC | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10779 | AAC | 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.42 | ± 9.6 % |
| 10780 | AAC | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.38 | ± 9.6 % |
| 10781 | AAC | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.38 | ± 9.6 % |
| 10782 | AAC | 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.43 | ± 9.6 % |
| 10783 | AAC | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.31 | ± 9.6 % |

|       |     |                                                 |               |      |         |
|-------|-----|-------------------------------------------------|---------------|------|---------|
| 10784 | AAC | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.29 | ± 9.6 % |
| 10785 | AAC | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.40 | ± 9.6 % |
| 10786 | AAC | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10787 | AAC | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.44 | ± 9.6 % |
| 10788 | AAC | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10789 | AAC | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10790 | AAC | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10791 | AAC | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 7.83 | ± 9.6 % |
| 10792 | AAC | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.92 | ± 9.6 % |
| 10793 | AAC | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.95 | ± 9.6 % |
| 10794 | AAC | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.82 | ± 9.6 % |
| 10795 | AAC | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.84 | ± 9.6 % |
| 10796 | AAC | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.82 | ± 9.6 % |
| 10797 | AAC | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10798 | AAC | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.89 | ± 9.6 % |
| 10799 | AAC | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.93 | ± 9.6 % |
| 10801 | AAC | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.89 | ± 9.6 % |
| 10802 | AAC | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.87 | ± 9.6 % |
| 10803 | AAE | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 7.93 | ± 9.6 % |
| 10805 | AAD | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10806 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10809 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10810 | AAD | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10812 | AAD | 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10817 | AAD | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10818 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10819 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.33 | ± 9.6 % |
| 10820 | AAD | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.30 | ± 9.6 % |
| 10821 | AAC | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10822 | AAD | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10823 | AAC | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.36 | ± 9.6 % |
| 10824 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10825 | AAD | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10827 | AAD | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.42 | ± 9.6 % |
| 10828 | AAE | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)  | 5G NR FR1 TDD | 8.43 | ± 9.6 % |
| 10829 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.40 | ± 9.6 % |
| 10830 | AAD | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)     | 5G NR FR1 TDD | 7.63 | ± 9.6 % |
| 10831 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)     | 5G NR FR1 TDD | 7.73 | ± 9.6 % |
| 10832 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)     | 5G NR FR1 TDD | 7.74 | ± 9.6 % |
| 10833 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)     | 5G NR FR1 TDD | 7.70 | ± 9.6 % |
| 10834 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)     | 5G NR FR1 TDD | 7.75 | ± 9.6 % |
| 10835 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)     | 5G NR FR1 TDD | 7.70 | ± 9.6 % |
| 10836 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)     | 5G NR FR1 TDD | 7.66 | ± 9.6 % |
| 10837 | AAD | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)     | 5G NR FR1 TDD | 7.68 | ± 9.6 % |
| 10839 | AAD | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)     | 5G NR FR1 TDD | 7.70 | ± 9.6 % |
| 10840 | AAD | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)     | 5G NR FR1 TDD | 7.67 | ± 9.6 % |
| 10841 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)    | 5G NR FR1 TDD | 7.71 | ± 9.6 % |
| 10843 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)   | 5G NR FR1 TDD | 8.49 | ± 9.6 % |
| 10844 | AAD | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)   | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10846 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)   | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10854 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)  | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10855 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)  | 5G NR FR1 TDD | 8.36 | ± 9.6 % |
| 10856 | AAD | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)  | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10857 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)  | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10858 | AAD | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)  | 5G NR FR1 TDD | 8.36 | ± 9.6 % |
| 10859 | AAD | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)  | 5G NR FR1 TDD | 8.34 | ± 9.6 % |

|       |     |                                                      |               |      |         |
|-------|-----|------------------------------------------------------|---------------|------|---------|
| 10860 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10861 | AAD | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.40 | ± 9.6 % |
| 10863 | AAD | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10864 | AAE | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)       | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10865 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)      | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10866 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10868 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.89 | ± 9.6 % |
| 10869 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)     | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10870 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)  | 5G NR FR2 TDD | 5.86 | ± 9.6 % |
| 10871 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)    | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10872 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.52 | ± 9.6 % |
| 10873 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)    | 5G NR FR2 TDD | 6.61 | ± 9.6 % |
| 10874 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65 | ± 9.6 % |
| 10875 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)        | 5G NR FR2 TDD | 7.78 | ± 9.6 % |
| 10876 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)     | 5G NR FR2 TDD | 8.39 | ± 9.6 % |
| 10877 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)       | 5G NR FR2 TDD | 7.95 | ± 9.6 % |
| 10878 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)    | 5G NR FR2 TDD | 8.41 | ± 9.6 % |
| 10879 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)       | 5G NR FR2 TDD | 8.12 | ± 9.6 % |
| 10880 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)    | 5G NR FR2 TDD | 8.38 | ± 9.6 % |
| 10881 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)      | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10882 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)   | 5G NR FR2 TDD | 5.96 | ± 9.6 % |
| 10883 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)     | 5G NR FR2 TDD | 6.57 | ± 9.6 % |
| 10884 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)  | 5G NR FR2 TDD | 6.53 | ± 9.6 % |
| 10885 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)     | 5G NR FR2 TDD | 6.61 | ± 9.6 % |
| 10886 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)  | 5G NR FR2 TDD | 6.65 | ± 9.6 % |
| 10887 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)         | 5G NR FR2 TDD | 7.78 | ± 9.6 % |
| 10888 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)      | 5G NR FR2 TDD | 8.35 | ± 9.6 % |
| 10889 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)        | 5G NR FR2 TDD | 8.02 | ± 9.6 % |
| 10890 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)     | 5G NR FR2 TDD | 8.40 | ± 9.6 % |
| 10891 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)        | 5G NR FR2 TDD | 8.13 | ± 9.6 % |
| 10892 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)     | 5G NR FR2 TDD | 8.41 | ± 9.6 % |
| 10897 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)        | 5G NR FR1 TDD | 5.66 | ± 9.6 % |
| 10898 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.67 | ± 9.6 % |
| 10899 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.67 | ± 9.6 % |
| 10900 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10901 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10902 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10903 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10904 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10905 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10906 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10907 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.78 | ± 9.6 % |
| 10908 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.93 | ± 9.6 % |
| 10909 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.96 | ± 9.6 % |
| 10910 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.83 | ± 9.6 % |
| 10911 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.93 | ± 9.6 % |
| 10912 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10913 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10914 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.85 | ± 9.6 % |
| 10915 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.83 | ± 9.6 % |
| 10916 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.87 | ± 9.6 % |
| 10917 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.94 | ± 9.6 % |
| 10918 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.86 | ± 9.6 % |
| 10919 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.86 | ± 9.6 % |
| 10920 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.87 | ± 9.6 % |
| 10921 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.84 | ± 9.6 % |

|       |     |                                                     |               |       |         |
|-------|-----|-----------------------------------------------------|---------------|-------|---------|
| 10922 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.82  | ± 9.6 % |
| 10923 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84  | ± 9.6 % |
| 10924 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84  | ± 9.6 % |
| 10925 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.95  | ± 9.6 % |
| 10926 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84  | ± 9.6 % |
| 10927 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.94  | ± 9.6 % |
| 10928 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)       | 5G NR FR1 FDD | 5.52  | ± 9.6 % |
| 10929 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.52  | ± 9.6 % |
| 10930 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.52  | ± 9.6 % |
| 10931 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51  | ± 9.6 % |
| 10932 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51  | ± 9.6 % |
| 10933 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51  | ± 9.6 % |
| 10934 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51  | ± 9.6 % |
| 10935 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51  | ± 9.6 % |
| 10936 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)     | 5G NR FR1 FDD | 5.90  | ± 9.6 % |
| 10937 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.77  | ± 9.6 % |
| 10938 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.90  | ± 9.6 % |
| 10939 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.82  | ± 9.6 % |
| 10940 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.89  | ± 9.6 % |
| 10941 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.83  | ± 9.6 % |
| 10942 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.85  | ± 9.6 % |
| 10943 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.95  | ± 9.6 % |
| 10944 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.81  | ± 9.6 % |
| 10945 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.85  | ± 9.6 % |
| 10946 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.83  | ± 9.6 % |
| 10947 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.87  | ± 9.6 % |
| 10948 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.94  | ± 9.6 % |
| 10949 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.87  | ± 9.6 % |
| 10950 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.94  | ± 9.6 % |
| 10951 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.92  | ± 9.6 % |
| 10952 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)   | 5G NR FR1 FDD | 8.25  | ± 9.6 % |
| 10953 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 FDD | 8.15  | ± 9.6 % |
| 10954 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 FDD | 8.23  | ± 9.6 % |
| 10955 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 FDD | 8.42  | ± 9.6 % |
| 10956 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   | 5G NR FR1 FDD | 8.14  | ± 9.6 % |
| 10957 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 FDD | 8.31  | ± 9.6 % |
| 10958 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 FDD | 8.61  | ± 9.6 % |
| 10959 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 FDD | 8.33  | ± 9.6 % |
| 10960 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)   | 5G NR FR1 TDD | 9.32  | ± 9.6 % |
| 10961 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 TDD | 9.36  | ± 9.6 % |
| 10962 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 TDD | 9.40  | ± 9.6 % |
| 10963 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 TDD | 9.55  | ± 9.6 % |
| 10964 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   | 5G NR FR1 TDD | 9.29  | ± 9.6 % |
| 10965 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 TDD | 9.37  | ± 9.6 % |
| 10966 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 TDD | 9.55  | ± 9.6 % |
| 10967 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 TDD | 9.42  | ± 9.6 % |
| 10968 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.49  | ± 9.6 % |
| 10972 | AAB | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         | 5G NR FR1 TDD | 11.59 | ± 9.6 % |
| 10973 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 9.06  | ± 9.6 % |
| 10974 | AAB | 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)  | 5G NR FR1 TDD | 10.28 | ± 9.6 % |

<sup>E</sup> Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.



---

## ***Appendix E. Conducted RF Output Power Table***

The detailed power table are shown as follows.

## Full Power Mode

| GSM850          | Burst Average Power (dBm) |       |       | Tune-up Limit (dBm) | Frame Average Power (dBm) |       |       | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
|                 | 128                       | 189   | 251   |                     | 128                       | 189   | 251   |                     |
| TX Channel      | 824.2                     | 836.4 | 848.8 |                     | 824.2                     | 836.4 | 848.8 |                     |
| Frequency (MHz) |                           |       |       |                     |                           |       |       |                     |
| GSM 1 Tx slot   | 32.43                     | 32.14 | 32.27 | 33.50               | 23.43                     | 23.14 | 23.27 | 24.50               |
| GPRS 1 Tx slot  | 32.42                     | 32.13 | 32.26 | 33.50               | 23.42                     | 23.13 | 23.26 | 24.50               |
| GPRS 2 Tx slots | 30.92                     | 30.97 | 30.88 | 32.00               | 24.92                     | 24.97 | 24.88 | 26.00               |
| GPRS 3 Tx slots | 29.03                     | 28.90 | 28.85 | 30.00               | 24.77                     | 24.84 | 24.59 | 25.74               |
| GPRS 4 Tx slots | 28.91                     | 28.74 | 28.73 | 28.00               | 23.91                     | 23.74 | 23.73 | 25.00               |
| EDGE 1 Tx slot  | 27.01                     | 26.85 | 26.80 | 28.00               | 18.01                     | 17.85 | 17.80 | 19.00               |
| EDGE 2 Tx slots | 25.43                     | 25.21 | 25.20 | 26.00               | 19.43                     | 19.21 | 19.20 | 20.00               |
| EDGE 3 Tx slots | 23.77                     | 23.51 | 23.54 | 25.00               | 19.51                     | 19.25 | 19.28 | 20.74               |
| EDGE 4 Tx slots | 21.96                     | 21.79 | 21.77 | 23.00               | 18.96                     | 18.79 | 18.77 | 20.00               |

| GSM1900         | Burst Average Power (dBm) |       |        | Tune-up Limit (dBm) | Frame Average Power (dBm) |       |        | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
|                 | 512                       | 661   | 810    |                     | 512                       | 661   | 810    |                     |
| TX Channel      | 1850.2                    | 1980  | 1909.8 |                     | 1850.2                    | 1980  | 1909.8 |                     |
| Frequency (MHz) |                           |       |        |                     |                           |       |        |                     |
| GSM 1 Tx slot   | 29.24                     | 29.16 | 29.09  | 30.50               | 20.24                     | 20.16 | 20.09  | 21.50               |
| GPRS 1 Tx slot  | 29.25                     | 29.36 | 29.30  | 30.50               | 20.25                     | 20.36 | 20.30  | 21.50               |
| GPRS 2 Tx slots | 27.45                     | 27.52 | 27.45  | 29.00               | 21.45                     | 21.52 | 21.45  | 23.00               |
| GPRS 3 Tx slots | 25.97                     | 26.05 | 26.04  | 27.00               | 21.71                     | 21.79 | 21.78  | 22.74               |
| GPRS 4 Tx slots | 24.38                     | 24.46 | 24.47  | 25.00               | 21.38                     | 21.46 | 21.47  | 22.00               |
| EDGE 1 Tx slot  | 25.81                     | 25.75 | 25.71  | 27.00               | 16.81                     | 16.75 | 16.71  | 18.00               |
| EDGE 2 Tx slots | 24.08                     | 24.04 | 24.02  | 25.50               | 18.08                     | 18.04 | 18.02  | 19.50               |
| EDGE 3 Tx slots | 22.37                     | 22.34 | 22.33  | 23.50               | 18.11                     | 18.08 | 18.07  | 19.24               |
| EDGE 4 Tx slots | 20.67                     | 20.73 | 20.66  | 21.50               | 17.67                     | 17.73 | 17.66  | 18.50               |

| Band            |                         | WCDMA II |       |        | Tune-up Limit (dBm) | WCDMA IV |        |        | Tune-up Limit (dBm) | WCDMA V |       |       | Tune-up Limit (dBm) |
|-----------------|-------------------------|----------|-------|--------|---------------------|----------|--------|--------|---------------------|---------|-------|-------|---------------------|
| TX Channel      |                         | 9262     | 9400  | 9538   |                     | 1312     | 1413   | 1513   |                     | 4132    | 4182  | 4233  |                     |
| Rx Channel      |                         | 9662     | 9800  | 9938   |                     | 1537     | 1638   | 1738   |                     | 4357    | 4407  | 4468  |                     |
| Frequency (MHz) |                         | 1852.4   | 1880  | 1907.6 |                     | 1712.4   | 1732.6 | 1752.6 |                     | 826.4   | 836.4 | 846.6 |                     |
| 3GPP Rel 99     | AMR 12.2Kbps            | 22.29    | 22.33 | 22.27  | 24.00               | 22.17    | 22.24  | 22.11  | 24.00               | 22.22   | 22.33 | 22.16 | 24.00               |
| 3GPP Rel 99     | RMC 12.2Kbps            | 22.30    | 22.35 | 22.28  | 24.00               | 22.18    | 22.25  | 22.12  | 24.00               | 22.23   | 22.44 | 22.27 | 24.00               |
| 3GPP Rel 6      | HSDPA Subtest-1         | 21.47    | 21.47 | 21.42  | 23.00               | 21.49    | 21.57  | 21.52  | 23.00               | 21.74   | 21.77 | 21.80 | 23.00               |
| 3GPP Rel 6      | HSDPA Subtest-2         | 21.34    | 21.37 | 21.34  | 23.00               | 21.46    | 21.44  | 21.44  | 23.00               | 21.66   | 21.56 | 21.77 | 23.00               |
| 3GPP Rel 6      | HSDPA Subtest-3         | 20.82    | 20.87 | 20.85  | 22.50               | 20.97    | 20.96  | 20.98  | 22.50               | 21.21   | 21.19 | 21.27 | 22.50               |
| 3GPP Rel 6      | HSDPA Subtest-4         | 20.89    | 20.87 | 20.85  | 22.50               | 20.96    | 20.92  | 20.93  | 22.50               | 21.10   | 21.16 | 21.17 | 22.50               |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 21.36    | 21.34 | 21.30  | 23.00               | 21.38    | 21.46  | 21.39  | 23.00               | 21.62   | 21.64 | 21.65 | 23.00               |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 21.21    | 21.26 | 21.24  | 23.00               | 21.36    | 21.31  | 21.30  | 23.00               | 21.51   | 21.43 | 21.65 | 23.00               |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 20.68    | 20.76 | 20.72  | 22.50               | 20.83    | 20.85  | 20.85  | 22.50               | 21.07   | 21.08 | 21.15 | 22.50               |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 20.77    | 20.74 | 20.75  | 22.50               | 20.83    | 20.78  | 20.82  | 22.50               | 20.96   | 21.02 | 21.05 | 22.50               |
| 3GPP Rel 6      | HSUPA Subtest-1         | 21.35    | 21.31 | 21.35  | 23.00               | 21.53    | 21.54  | 21.52  | 23.00               | 21.47   | 21.54 | 21.48 | 23.00               |
| 3GPP Rel 6      | HSUPA Subtest-2         | 19.51    | 19.49 | 19.46  | 21.00               | 19.48    | 19.55  | 19.55  | 21.00               | 19.76   | 19.75 | 19.77 | 21.00               |
| 3GPP Rel 6      | HSUPA Subtest-3         | 20.51    | 20.45 | 20.45  | 22.00               | 20.52    | 20.49  | 20.55  | 22.00               | 20.75   | 20.75 | 20.76 | 22.00               |
| 3GPP Rel 6      | HSUPA Subtest-4         | 19.49    | 19.33 | 19.34  | 21.00               | 19.46    | 19.59  | 19.48  | 21.00               | 19.31   | 19.20 | 19.32 | 21.00               |
| 3GPP Rel 6      | HSUPA Subtest-5         | 21.40    | 21.42 | 21.38  | 23.00               | 21.50    | 21.42  | 21.50  | 23.00               | 21.59   | 21.56 | 21.51 | 23.00               |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 18.92    | 19.08 | 19.11  | 20.50               | 19.11    | 19.05  | 18.92  | 20.50               | 19.01   | 19.12 | 19.06 | 20.50               |

| Band 2 (1900MHz Band)<br>Part 24E |            |         |           |                             |                                |                              |                     |          |  |
|-----------------------------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|---------------------|----------|--|
| BW [MHz]                          | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 18700 | Power Middle Ch. / Freq. 18900 | Power High Ch. / Freq. 19100 | Tune-up limit (dBm) | MPR (dB) |  |
| Channel                           |            |         |           |                             |                                |                              |                     |          |  |
| Frequency (MHz)                   |            |         |           |                             |                                |                              |                     |          |  |
| 20                                | QPSK       | 1       | 0         | 22.30                       | 22.40                          | 22.31                        |                     |          |  |
| 20                                | QPSK       | 1       | 49        | 22.25                       | 22.34                          | 22.29                        | 24                  | 0        |  |
| 20                                | QPSK       | 1       | 99        | 22.32                       | 22.39                          | 22.31                        |                     |          |  |
| 20                                | QPSK       | 50      | 0         | 21.55                       | 21.61                          | 21.56                        |                     |          |  |
| 20                                | QPSK       | 50      | 24        | 21.58                       | 21.44                          | 21.43                        | 23                  | 1        |  |
| 20                                | QPSK       | 50      | 50        | 21.51                       | 21.56                          | 21.53                        |                     |          |  |
| 20                                | QPSK       | 100     | 0         | 21.48                       | 21.59                          | 21.52                        |                     |          |  |
| 20                                | 16QAM      | 1       | 0         | 21.57                       | 21.67                          | 21.49                        |                     |          |  |
| 20                                | 16QAM      | 1       | 49        | 21.61                       | 21.46                          | 21.47                        | 23                  | 1        |  |
| 20                                | 16QAM      | 1       | 99        | 21.66                       | 21.49                          | 21.46                        |                     |          |  |
| 20                                | 16QAM      | 50      | 0         | 20.55                       | 20.64                          | 20.43                        |                     |          |  |
| 20                                | 16QAM      | 50      | 24        | 20.52                       | 20.30                          | 20.41                        |                     |          |  |
| 20                                | 16QAM      | 50      | 50        | 20.61                       | 20.57                          | 20.41                        | 22                  | 2        |  |
| 20                                | 16QAM      | 100     | 0         | 20.43                       | 20.61                          | 20.56                        |                     |          |  |
| 20                                | 64QAM      | 1       | 0         | 20.58                       | 20.55                          | 20.38                        |                     |          |  |
| 20                                | 64QAM      | 1       | 49        | 20.48                       | 20.39                          | 20.46                        | 22                  | 2        |  |
| 20                                | 64QAM      | 1       | 99        | 20.52                       | 20.71                          | 20.33                        |                     |          |  |
| 20                                | 64QAM      | 50      | 0         | 19.63                       | 19.60                          | 19.40                        |                     |          |  |
| 20                                | 64QAM      | 50      | 24        | 19.53                       | 19.42                          | 19.51                        |                     |          |  |
| 20                                | 64QAM      | 50      | 50        | 19.67                       | 19.71                          | 19.35                        | 21                  | 3        |  |
| 20                                | 64QAM      | 100     | 0         | 19.45                       | 19.53                          | 19.65                        |                     |          |  |
| Channel                           |            |         |           |                             |                                |                              |                     |          |  |
| Frequency (MHz)                   |            |         |           |                             |                                |                              |                     |          |  |
| 15                                | QPSK       | 1       | 0         | 22.35                       | 22.31                          | 22.29                        |                     |          |  |
| 15                                | QPSK       | 1       | 37        | 22.29                       | 22.28                          | 22.40                        | 24                  | 0        |  |
| 15                                | QPSK       | 1       | 74        | 22.37                       | 22.36                          | 22.33                        |                     |          |  |
| 15                                | QPSK       | 36      | 0         | 21.67                       | 21.63                          | 21.68                        |                     |          |  |
| 15                                | QPSK       | 36      | 20        | 21.54                       | 21.52                          | 21.51                        | 23                  | 1        |  |
| 15                                | QPSK       | 36      | 39        | 21.48                       | 21.65                          | 21.43                        |                     |          |  |
| 15                                | QPSK       | 75      | 0         | 21.35                       | 21.45                          | 21.49                        |                     |          |  |
| 15                                | 16QAM      | 1       | 0         | 21.67                       | 21.79                          | 21.37                        |                     |          |  |
| 15                                | 16QAM      | 1       | 37        | 21.47                       | 21.46                          | 21.43                        | 23                  | 1        |  |
| 15                                | 16QAM      | 1       | 74        | 21.74                       | 21.40                          | 21.33                        |                     |          |  |
| 15                                | 16QAM      | 36      | 0         | 20.49                       | 20.53                          | 20.53                        |                     |          |  |
| 15                                | 16QAM      | 36      | 20        | 20.37                       | 20.53                          | 20.50                        | 22                  | 2        |  |
| 15                                | 16QAM      | 36      | 39        | 20.50                       | 20.71                          | 20.47                        |                     |          |  |
| 15                                | 16QAM      | 75      | 0         | 20.38                       | 20.63                          | 20.62                        |                     |          |  |
| 15                                | 64QAM      | 1       | 0         | 20.51                       | 20.58                          | 20.28                        |                     |          |  |
| 15                                | 64QAM      | 1       | 37        | 20.48                       | 20.29                          | 20.59                        | 22                  | 2        |  |
| 15                                | 64QAM      | 1       | 74        | 20.55                       | 20.72                          | 20.26                        |                     |          |  |
| 15                                | 64QAM      | 36      | 0         | 19.50                       | 19.49                          | 19.48                        |                     |          |  |
| 15                                | 64QAM      | 36      | 20        | 19.61                       | 19.55                          | 19.43                        | 21                  | 3        |  |
| 15                                | 64QAM      | 36      | 39        | 19.62                       | 19.77                          | 19.46                        |                     |          |  |
| 15                                | 64QAM      | 75      | 0         | 19.41                       | 19.49                          | 19.54                        |                     |          |  |
| Channel                           |            |         |           |                             |                                |                              |                     |          |  |
| Frequency (MHz)                   |            |         |           |                             |                                |                              |                     |          |  |
| 10                                | QPSK       | 1       | 0         | 22.32                       | 22.17                          | 22.10                        |                     |          |  |
| 10                                | QPSK       | 1       | 25        | 22.34                       | 22.32                          | 22.11                        | 24                  | 0        |  |
| 10                                | QPSK       | 1       | 49        | 22.19                       | 22.10                          | 22.15                        |                     |          |  |
| 10                                | QPSK       | 25      | 0         | 21.35                       | 21.22                          | 21.30                        |                     |          |  |
| 10                                | QPSK       | 25      | 12        | 21.17                       | 21.27                          | 21.18                        | 23                  | 1        |  |
| 10                                | QPSK       | 25      | 25        | 21.21                       | 21.25                          | 21.16                        |                     |          |  |
| 10                                | QPSK       | 50      | 0         | 21.26                       | 21.22                          | 21.24                        |                     |          |  |
| 10                                | 16QAM      | 1       | 0         | 21.55                       | 21.49                          | 21.63                        |                     |          |  |
| 10                                | 16QAM      | 1       | 25        | 21.53                       | 21.85                          | 21.80                        | 23                  | 1        |  |
| 10                                | 16QAM      | 1       | 49        | 21.52                       | 21.43                          | 21.74                        |                     |          |  |
| 10                                | 16QAM      | 25      | 0         | 20.27                       | 20.38                          | 20.28                        |                     |          |  |
| 10                                | 16QAM      | 25      | 12        | 20.29                       | 20.31                          | 20.21                        | 22                  | 2        |  |
| 10                                | 16QAM      | 25      | 25        | 20.34                       | 20.20                          | 20.16                        |                     |          |  |
| 10                                | 16QAM      | 50      | 0         | 20.31                       | 20.23                          | 20.22                        |                     |          |  |
| 10                                | 64QAM      | 1       | 0         | 20.47                       | 20.37                          | 20.26                        | 22                  | 2        |  |
| 10                                | 64QAM      | 1       | 25        | 20.18                       | 20.44                          | 20.14                        |                     |          |  |
| 10                                | 64QAM      | 1       | 49        | 20.45                       | 20.63                          | 20.25                        |                     |          |  |
| 10                                | 64QAM      | 25      | 0         | 19.32                       | 19.30                          | 19.31                        |                     |          |  |
| 10                                | 64QAM      | 25      | 12        | 19.23                       | 19.24                          | 19.28                        | 21                  | 3        |  |
| 10                                | 64QAM      | 25      | 25        | 19.37                       | 19.36                          | 19.20                        |                     |          |  |
| 10                                | 64QAM      | 50      | 0         | 19.28                       | 19.23                          | 19.16                        |                     |          |  |
| Channel                           |            |         |           |                             |                                |                              |                     |          |  |
| Frequency (MHz)                   |            |         |           |                             |                                |                              |                     |          |  |
| 5                                 | QPSK       | 1       | 0         | 22.04                       | 22.22                          | 22.07                        |                     |          |  |
| 5                                 | QPSK       | 1       | 12        | 22.22                       | 22.20                          | 22.24                        | 24                  | 0        |  |
| 5                                 | QPSK       | 1       | 24        | 22.25                       | 22.09                          | 22.03                        |                     |          |  |
| 5                                 | QPSK       | 12      | 0         | 21.15                       | 21.24                          | 21.22                        |                     |          |  |
| 5                                 | QPSK       | 12      | 7         | 21.30                       | 21.22                          | 21.25                        | 23                  | 1        |  |
| 5                                 | QPSK       | 12      | 13        | 21.29                       | 21.25                          | 21.17                        |                     |          |  |
| 5                                 | QPSK       | 25      | 0         | 21.27                       | 21.22                          | 21.17                        |                     |          |  |
| 5                                 | 16QAM      | 1       | 0         | 21.29                       | 21.39                          | 21.58                        |                     |          |  |
| 5                                 | 16QAM      | 1       | 12        | 21.53                       | 21.75                          | 21.53                        | 23                  | 1        |  |
| 5                                 | 16QAM      | 1       | 24        | 21.32                       | 21.56                          | 21.58                        |                     |          |  |
| 5                                 | 16QAM      | 12      | 0         | 20.15                       | 20.15                          | 20.31                        |                     |          |  |
| 5                                 | 16QAM      | 12      | 7         | 20.37                       | 20.33                          | 20.19                        | 22                  | 2        |  |
| 5                                 | 16QAM      | 12      | 13        | 20.19                       | 20.10                          | 20.12                        |                     |          |  |
| 5                                 | 16QAM      | 25      | 0         | 20.20                       | 20.20                          | 20.19                        |                     |          |  |
| 5                                 | 64QAM      | 1       | 0         | 20.26                       | 20.29                          | 20.26                        |                     |          |  |
| 5                                 | 64QAM      | 1       | 12        | 20.49                       | 20.49                          | 20.22                        | 22                  | 2        |  |
| 5                                 | 64QAM      | 1       | 24        | 20.28                       | 20.55                          | 20.21                        |                     |          |  |
| 5                                 | 64QAM      | 12      | 0         | 19.14                       | 19.15                          | 19.14                        |                     |          |  |
| 5                                 | 64QAM      | 12      | 7         | 19.13                       | 19.29                          | 19.06                        | 21                  | 3        |  |
| 5                                 | 64QAM      | 12      | 13        | 19.14                       | 19.24                          | 19.08                        |                     |          |  |
| 5                                 | 64QAM      | 25      | 0         | 19.22                       | 19.25                          | 19.25                        |                     |          |  |
| Channel                           |            |         |           |                             |                                |                              |                     |          |  |
| Frequency (MHz)                   |            |         |           |                             |                                |                              |                     |          |  |
| 3                                 | QPSK       | 1       | 0         | 22.18                       | 22.20                          | 22.09                        | 24                  | 0        |  |
| 3                                 | QPSK       | 1       | 8         | 22.21                       | 22.16                          | 22.22                        |                     |          |  |
| 3                                 | QPSK       | 1       | 14        | 22.18                       | 22.21                          | 22.18                        |                     |          |  |
| 3                                 | QPSK       | 8       | 0         | 21.28                       | 21.19                          | 21.13                        |                     |          |  |
| 3                                 | QPSK       | 8       | 4         | 21.29                       | 21.23                          | 21.33                        | 23                  | 1        |  |
| 3                                 | QPSK       | 8       | 7         | 21.31                       | 21.18                          | 21.08                        |                     |          |  |
| 3                                 | QPSK       | 15      | 0         | 21.22                       | 21.23                          | 21.18                        |                     |          |  |
| 3                                 | 16QAM      | 1       | 0         | 21.36                       | 21.50                          | 21.21                        |                     |          |  |
| 3                                 | 16QAM      | 1       | 8         | 21.24                       | 21.26                          | 21.35                        | 23                  | 1        |  |
| 3                                 | 16QAM      | 1       | 14        | 21.22                       | 21.65                          | 21.63                        |                     |          |  |
| 3                                 | 16QAM      | 8       | 0         | 20.17                       | 20.34                          | 20.34                        |                     |          |  |
| 3                                 | 16QAM      | 8       | 4         | 20.46                       | 20.38                          | 20.23                        | 22                  | 2        |  |
| 3                                 | 16QAM      | 8       | 7         | 20.17                       | 20.34                          | 20.22                        |                     |          |  |
| 3                                 | 16QAM      | 15      | 0         | 20.45                       | 20.29                          | 20.13                        |                     |          |  |
| 3                                 | 64QAM      | 1       | 0         | 20.37                       | 20.35                          | 20.56                        |                     |          |  |
| 3                                 | 64QAM      | 1       | 8         | 20.29                       | 20.74                          | 20.72                        | 22                  | 2        |  |
| 3                                 | 64QAM      | 1       | 14        | 20.29                       | 20.45                          | 20.29                        |                     |          |  |
| 3                                 | 64QAM      | 8       | 0         | 19.51                       | 19.31                          | 19.12                        |                     |          |  |
| 3                                 | 64QAM      | 8       | 4         | 19.28                       | 19.28                          | 19.25                        | 21                  | 3        |  |
| 3                                 | 64QAM      | 8       | 7         | 19.49                       | 19.16                          | 19.10                        |                     |          |  |
| 3                                 | 64QAM      | 15      | 0         | 19.35                       | 19.13                          | 19.10                        |                     |          |  |
| Channel                           |            |         |           |                             |                                |                              |                     |          |  |
| Frequency (MHz)                   |            |         |           |                             |                                |                              |                     |          |  |
| 1.4                               | QPSK       | 1       | 0         | 22.13                       | 22.22                          | 22.08                        | 24                  | 0        |  |
| 1.4                               | QPSK       | 1       | 3         | 22.20                       | 22.21                          | 22.18                        |                     |          |  |
| 1.4                               | QPSK       | 1       | 5         | 22.16                       | 22.20                          | 22.07                        |                     |          |  |
| 1.4                               | QPSK       | 3       | 0         | 22.24                       | 22.20                          | 22.17                        |                     |          |  |
| 1.4                               | QPSK       | 3       | 1         | 22.23                       | 22.22                          | 22.22                        | 23                  | 1        |  |
| 1.4                               | QPSK       | 3       | 3         | 22.29                       | 22.34                          | 22.12                        |                     |          |  |
| 1.4                               | QPSK       | 6       | 0         | 21.24                       | 21.19                          | 21.25                        |                     |          |  |
| 1.4                               | 16QAM      | 1       | 0         | 21.26                       | 21.60                          | 21.11                        | 23                  | 1        |  |
| 1.4                               | 16QAM      | 1       | 3         | 21.43                       | 21.60                          | 21.53                        |                     |          |  |
| 1.4                               | 16QAM      | 1       | 5         | 21.58                       | 21.60                          | 21.26                        |                     |          |  |
| 1.4                               | 16QAM      | 3       | 0         | 21.23                       | 21.11                          | 21.11                        |                     |          |  |
| 1.4                               | 16QAM      | 3       | 1         | 21.42                       | 21.38                          | 21.24                        | 22                  | 2        |  |
| 1.4                               | 16QAM      | 3       | 3         | 21.34                       | 21.15                          | 21.38                        |                     |          |  |
| 1.4                               | 16QAM      | 6       | 0         | 20.35                       | 20.19                          | 20.21                        |                     |          |  |
| 1.4                               | 64QAM      | 1       | 0         | 20.36                       | 20.12                          | 20.35                        |                     |          |  |
| 1.4                               | 64QAM      | 1       | 3         | 20.53                       | 20.54                          | 20.28                        | 22                  | 2        |  |
| 1.4                               | 64QAM      | 1       | 5         | 20.34                       | 20.52                          | 20.05                        |                     |          |  |
| 1.4                               | 64QAM      | 3       | 0         | 20.31                       | 20.13                          | 20.55                        |                     |          |  |
| 1.4                               | 64QAM      | 3       | 1         | 20.59                       | 20.38                          | 20.27                        |                     |          |  |
| 1.4                               | 64QAM      | 3       | 3         | 20.21                       | 20.19                          | 20.30                        | 21                  | 3        |  |
| 1.4                               | 64QAM      | 6       | 0         | 19.37                       | 19.34                          | 19.18                        |                     |          |  |

| Band 4 (AWS Band)<br>Part 27L (only on channel required) |            |         |           |                                                                                              |                                                                               |                                                                |                     |          |  |
|----------------------------------------------------------|------------|---------|-----------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------|----------|--|
| BW (MHz)                                                 | Modulation | RB Size | RB Offset | Power Low Ch. / Freq.                                                                        | Power Middle Ch. / Freq.                                                      | Power High Ch. / Freq.                                         | Tune-up limit (dBm) | MPR (dB) |  |
| Channel                                                  |            |         |           |                                                                                              |                                                                               |                                                                |                     |          |  |
| Frequency (MHz)                                          |            |         |           | 20050                                                                                        | 20175                                                                         | 20300                                                          |                     |          |  |
| 20                                                       | QPSK       | 1       | 0         | 22.41                                                                                        | 22.48                                                                         | 22.45                                                          |                     |          |  |
| 20                                                       | QPSK       | 1       | 49        | 22.39                                                                                        | 22.47                                                                         | 22.39                                                          | 24                  | 0        |  |
| 20                                                       | QPSK       | 1       | 99        | 22.47                                                                                        | 22.35                                                                         | 22.36                                                          |                     |          |  |
| 20                                                       | QPSK       | 50      | 0         | 21.57                                                                                        | 21.59                                                                         | 21.55                                                          |                     |          |  |
| 20                                                       | QPSK       | 50      | 24        | 21.46                                                                                        | 21.43                                                                         | 21.58                                                          | 23                  | 1        |  |
| 20                                                       | QPSK       | 50      | 50        | 21.48                                                                                        | 21.55                                                                         | 21.46                                                          |                     |          |  |
| 20                                                       | QPSK       | 100     | 0         | 21.55                                                                                        | 21.60                                                                         | 21.49                                                          |                     |          |  |
| 20                                                       | 16QAM      | 1       | 0         | 21.66                                                                                        | 21.70                                                                         | 21.50                                                          |                     |          |  |
| 20                                                       | 16QAM      | 1       | 49        | 21.47                                                                                        | 21.32                                                                         | 21.67                                                          | 23                  | 1        |  |
| 20                                                       | 16QAM      | 1       | 99        | 21.54                                                                                        | 21.68                                                                         | 21.55                                                          |                     |          |  |
| 20                                                       | 16QAM      | 50      | 0         | 20.50                                                                                        | 20.59                                                                         | 20.41                                                          |                     |          |  |
| 20                                                       | 16QAM      | 50      | 24        | 20.43                                                                                        | 20.56                                                                         | 20.64                                                          | 22                  | 2        |  |
| 20                                                       | 16QAM      | 50      | 50        | 20.37                                                                                        | 20.51                                                                         | 20.35                                                          |                     |          |  |
| 20                                                       | 16QAM      | 100     | 0         | 20.44                                                                                        | 20.58                                                                         | 20.47                                                          |                     |          |  |
| 20                                                       | 64QAM      | 1       | 0         | 20.61                                                                                        | 20.64                                                                         | 20.54                                                          |                     |          |  |
| 20                                                       | 64QAM      | 1       | 49        | 20.40                                                                                        | 20.63                                                                         | 20.60                                                          | 22                  | 2        |  |
| 20                                                       | 64QAM      | 1       | 99        | 20.24                                                                                        | 20.47                                                                         | 20.48                                                          |                     |          |  |
| 20                                                       | 64QAM      | 50      | 0         | 19.42                                                                                        | 19.56                                                                         | 19.35                                                          |                     |          |  |
| 20                                                       | 64QAM      | 50      | 24        | 19.56                                                                                        | 19.69                                                                         | 19.67                                                          | 21                  | 3        |  |
| 20                                                       | 64QAM      | 50      | 50        | 19.47                                                                                        | 19.46                                                                         | 19.33                                                          |                     |          |  |
| 20                                                       | 64QAM      | 100     | 0         | 19.47                                                                                        | 19.57                                                                         | 19.42                                                          |                     |          |  |
| Channel                                                  |            |         |           |                                                                                              |                                                                               |                                                                |                     |          |  |
| Frequency (MHz)                                          |            |         |           | 20025                                                                                        | 20175                                                                         | 20325                                                          | Tune-up limit (dBm) | MPR (dB) |  |
| 15                                                       | QPSK       | 1       | 0         | 22.35                                                                                        | 22.38                                                                         | 22.41                                                          |                     |          |  |
| 15                                                       | QPSK       | 1       | 37        | 22.28                                                                                        | 22.42                                                                         | 22.32                                                          | 24                  | 0        |  |
| 15                                                       | QPSK       | 1       | 74        | 22.44                                                                                        | 22.23                                                                         | 22.36                                                          |                     |          |  |
| 15                                                       | QPSK       | 36      | 0         | 21.56                                                                                        | 21.66                                                                         | 21.45                                                          |                     |          |  |
| 15                                                       | QPSK       | 36      | 20        | 21.37                                                                                        | 21.44                                                                         | 21.57                                                          | 23                  | 1        |  |
| 15                                                       | QPSK       | 36      | 39        | 21.38                                                                                        | 21.59                                                                         | 21.56                                                          |                     |          |  |
| 15                                                       | QPSK       | 75      | 0         | 21.60                                                                                        | 21.66                                                                         | 21.64                                                          |                     |          |  |
| 15                                                       | 16QAM      | 1       | 0         | 21.47                                                                                        | 21.46                                                                         | 21.47                                                          |                     |          |  |
| 15                                                       | 16QAM      | 1       | 37        | 21.69                                                                                        | 21.61                                                                         | 21.66                                                          | 23                  | 1        |  |
| 15                                                       | 16QAM      | 1       | 74        | 21.37                                                                                        | 21.41                                                                         | 21.37                                                          |                     |          |  |
| 15                                                       | 16QAM      | 36      | 0         | 20.19                                                                                        | 20.26                                                                         | 20.23                                                          |                     |          |  |
| 15                                                       | 16QAM      | 36      | 20        | 20.27                                                                                        | 20.25                                                                         | 20.23                                                          | 22                  | 2        |  |
| 15                                                       | 16QAM      | 36      | 39        | 20.20                                                                                        | 20.20                                                                         | 20.17                                                          |                     |          |  |
| 15                                                       | 16QAM      | 75      | 0         | 20.22                                                                                        | 20.25                                                                         | 20.20                                                          |                     |          |  |
| 15                                                       | 64QAM      | 1       | 0         | 20.36                                                                                        | 20.32                                                                         | 20.33                                                          | 22                  | 2        |  |
| 15                                                       | 64QAM      | 1       | 37        | 20.41                                                                                        | 20.51                                                                         | 20.51                                                          |                     |          |  |
| 15                                                       | 64QAM      | 1       | 74        | 20.26                                                                                        | 20.22                                                                         | 20.20                                                          |                     |          |  |
| 15                                                       | 64QAM      | 36      | 0         | 19.51                                                                                        | 19.60                                                                         | 19.52                                                          |                     |          |  |
| 15                                                       | 64QAM      | 36      | 20        | 19.62                                                                                        | 19.80                                                                         | 19.70                                                          | 21                  | 3        |  |
| 15                                                       | 64QAM      | 36      | 39        | 19.50                                                                                        | 19.34                                                                         | 19.39                                                          |                     |          |  |
| 15                                                       | 64QAM      | 75      | 0         | 19.46                                                                                        | 19.54                                                                         | 19.39                                                          |                     |          |  |
| Channel                                                  |            |         |           |                                                                                              |                                                                               |                                                                |                     |          |  |
| Frequency (MHz)                                          |            |         |           | 20000 <th>20175</th> <th>20350<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>    | 20175                                                                         | 20350 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th> | Tune-up limit (dBm) | MPR (dB) |  |
| 10                                                       | QPSK       | 1       | 0         | 22.47                                                                                        | 22.41                                                                         | 22.40                                                          |                     |          |  |
| 10                                                       | QPSK       | 1       | 25        | 22.24                                                                                        | 22.35                                                                         | 22.42                                                          | 24                  | 0        |  |
| 10                                                       | QPSK       | 1       | 49        | 22.41                                                                                        | 22.34                                                                         | 22.24                                                          |                     |          |  |
| 10                                                       | QPSK       | 25      | 0         | 21.46                                                                                        | 21.47                                                                         | 21.43                                                          | 23                  | 1        |  |
| 10                                                       | QPSK       | 25      | 12        | 21.43                                                                                        | 21.44                                                                         | 21.42                                                          |                     |          |  |
| 10                                                       | QPSK       | 25      | 25        | 21.48                                                                                        | 21.44                                                                         | 21.38                                                          |                     |          |  |
| 10                                                       | QPSK       | 50      | 0         | 21.48                                                                                        | 21.46                                                                         | 21.41                                                          |                     |          |  |
| 10                                                       | 16QAM      | 1       | 0         | 21.56                                                                                        | 21.55                                                                         | 21.49                                                          | 23                  | 1        |  |
| 10                                                       | 16QAM      | 1       | 25        | 21.62                                                                                        | 21.61                                                                         | 21.59                                                          |                     |          |  |
| 10                                                       | 16QAM      | 1       | 49        | 21.50                                                                                        | 21.52                                                                         | 21.44                                                          |                     |          |  |
| 10                                                       | 16QAM      | 25      | 0         | 20.29                                                                                        | 20.30                                                                         | 20.26                                                          |                     |          |  |
| 10                                                       | 16QAM      | 25      | 12        | 20.26                                                                                        | 20.25                                                                         | 20.29                                                          | 22                  | 2        |  |
| 10                                                       | 16QAM      | 25      | 25        | 20.29                                                                                        | 20.27                                                                         | 20.22                                                          |                     |          |  |
| 10                                                       | 16QAM      | 50      | 0         | 20.27                                                                                        | 20.29                                                                         | 20.22                                                          |                     |          |  |
| 10                                                       | 64QAM      | 1       | 0         | 20.41                                                                                        | 20.45                                                                         | 20.37                                                          |                     |          |  |
| 10                                                       | 64QAM      | 1       | 25        | 20.50                                                                                        | 20.44                                                                         | 20.43                                                          | 22                  | 2        |  |
| 10                                                       | 64QAM      | 1       | 49        | 20.40                                                                                        | 20.33                                                                         | 20.31                                                          |                     |          |  |
| 10                                                       | 64QAM      | 25      | 0         | 19.43                                                                                        | 19.60                                                                         | 19.58                                                          |                     |          |  |
| 10                                                       | 64QAM      | 25      | 12        | 19.70                                                                                        | 19.74                                                                         | 19.79                                                          | 21                  | 3        |  |
| 10                                                       | 64QAM      | 25      | 25        | 19.46                                                                                        | 19.46                                                                         | 19.31                                                          |                     |          |  |
| 10                                                       | 64QAM      | 50      | 0         | 19.31                                                                                        | 19.40                                                                         | 19.31                                                          |                     |          |  |
| Channel                                                  |            |         |           |                                                                                              |                                                                               |                                                                |                     |          |  |
| Frequency (MHz)                                          |            |         |           | 19975 <th>20175</th> <th>20375</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th> | 20175                                                                         | 20375                                                          | Tune-up limit (dBm) | MPR (dB) |  |
| 5                                                        | QPSK       | 1       | 0         | 22.38                                                                                        | 22.47                                                                         | 22.37                                                          |                     |          |  |
| 5                                                        | QPSK       | 1       | 12        | 22.26                                                                                        | 22.20                                                                         | 22.45                                                          | 24                  | 0        |  |
| 5                                                        | QPSK       | 1       | 24        | 22.43                                                                                        | 22.15                                                                         | 22.38                                                          |                     |          |  |
| 5                                                        | QPSK       | 12      | 0         | 21.05                                                                                        | 21.02                                                                         | 21.15                                                          |                     |          |  |
| 5                                                        | QPSK       | 12      | 7         | 21.13                                                                                        | 21.10                                                                         | 21.07                                                          | 23                  | 1        |  |
| 5                                                        | QPSK       | 12      | 13        | 21.03                                                                                        | 21.05                                                                         | 21.00                                                          |                     |          |  |
| 5                                                        | QPSK       | 25      | 0         | 21.04                                                                                        | 21.04                                                                         | 21.00                                                          |                     |          |  |
| 5                                                        | 16QAM      | 1       | 0         | 21.50                                                                                        | 21.47                                                                         | 21.54                                                          | 23                  | 1        |  |
| 5                                                        | 16QAM      | 1       | 12        | 21.70                                                                                        | 21.70                                                                         | 21.65                                                          |                     |          |  |
| 5                                                        | 16QAM      | 1       | 24        | 21.45                                                                                        | 21.43                                                                         | 21.40                                                          |                     |          |  |
| 5                                                        | 16QAM      | 12      | 0         | 20.25                                                                                        | 20.23                                                                         | 20.18                                                          |                     |          |  |
| 5                                                        | 16QAM      | 12      | 7         | 20.35                                                                                        | 20.35                                                                         | 20.27                                                          | 22                  | 2        |  |
| 5                                                        | 16QAM      | 12      | 13        | 20.27                                                                                        | 20.23                                                                         | 20.20                                                          |                     |          |  |
| 5                                                        | 16QAM      | 25      | 0         | 20.29                                                                                        | 20.26                                                                         | 20.22                                                          |                     |          |  |
| 5                                                        | 64QAM      | 1       | 0         | 20.32                                                                                        | 20.32                                                                         | 20.23                                                          | 22                  | 2        |  |
| 5                                                        | 64QAM      | 1       | 1         | 20.34                                                                                        | 20.38                                                                         | 20.53                                                          |                     |          |  |
| 5                                                        | 64QAM      | 1       | 24        | 20.27                                                                                        | 20.30                                                                         | 20.26                                                          |                     |          |  |
| 5                                                        | 64QAM      | 12      | 0         | 19.55                                                                                        | 19.63                                                                         | 19.57                                                          |                     |          |  |
| 5                                                        | 64QAM      | 12      | 7         | 19.77                                                                                        | 19.66                                                                         | 19.86                                                          | 21                  | 3        |  |
| 5                                                        | 64QAM      | 12      | 13        | 19.52                                                                                        | 19.40                                                                         | 19.42                                                          |                     |          |  |
| 5                                                        | 64QAM      | 25      | 0         | 19.19                                                                                        | 19.43                                                                         | 19.39                                                          |                     |          |  |
| Channel                                                  |            |         |           |                                                                                              |                                                                               |                                                                |                     |          |  |
| Frequency (MHz)                                          |            |         |           | 19965 <th>20175</th> <th>20385</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th> | 20175                                                                         | 20385                                                          | Tune-up limit (dBm) | MPR (dB) |  |
| 3                                                        | QPSK       | 1       | 0         | 22.34                                                                                        | 22.42                                                                         | 22.30                                                          |                     |          |  |
| 3                                                        | QPSK       | 1       | 8         | 22.32                                                                                        | 22.20                                                                         | 22.44                                                          | 24                  | 0        |  |
| 3                                                        | QPSK       | 1       | 14        | 22.38                                                                                        | 22.26                                                                         | 22.31                                                          |                     |          |  |
| 3                                                        | QPSK       | 8       | 0         | 21.25                                                                                        | 21.21                                                                         | 21.56                                                          | 23                  | 1        |  |
| 3                                                        | QPSK       | 8       | 4         | 21.41                                                                                        | 21.26                                                                         | 21.25                                                          |                     |          |  |
| 3                                                        | QPSK       | 8       | 7         | 21.52                                                                                        | 21.22                                                                         | 21.39                                                          |                     |          |  |
| 3                                                        | QPSK       | 15      | 0         | 21.71                                                                                        | 21.56                                                                         | 21.74                                                          |                     |          |  |
| 3                                                        | 16QAM      | 1       | 0         | 21.59                                                                                        | 21.52                                                                         | 21.46                                                          |                     |          |  |
| 3                                                        | 16QAM      | 1       | 8         | 21.60                                                                                        | 21.51                                                                         | 21.52                                                          | 23                  | 1        |  |
| 3                                                        | 16QAM      | 1       | 14        | 21.54                                                                                        | 21.54                                                                         | 21.49                                                          |                     |          |  |
| 3                                                        | 16QAM      | 8       | 0         | 20.37                                                                                        | 20.31                                                                         | 20.27                                                          |                     |          |  |
| 3                                                        | 16QAM      | 8       | 4         | 20.42                                                                                        | 20.34                                                                         | 20.31                                                          | 22                  | 2        |  |
| 3                                                        | 16QAM      | 8       | 7         | 20.35                                                                                        | 20.33                                                                         | 20.27                                                          |                     |          |  |
| 3                                                        | 16QAM      | 15      | 0         | 20.29                                                                                        | 20.23                                                                         | 20.20                                                          |                     |          |  |
| 3                                                        | 64QAM      | 1       | 0         | 20.40                                                                                        | 20.40                                                                         | 20.31                                                          |                     |          |  |
| 3                                                        | 64QAM      | 1       | 8         | 20.46                                                                                        | 20.46                                                                         | 20.37                                                          | 22                  | 2        |  |
| 3                                                        | 64QAM      | 1       | 14        | 20.40                                                                                        | 20.34                                                                         | 20.29                                                          |                     |          |  |
| 3                                                        | 64QAM      | 8       | 0         | 19.92                                                                                        | 19.77                                                                         | 19.89                                                          |                     |          |  |
| 3                                                        | 64QAM      | 8       | 4         | 19.96                                                                                        | 19.65                                                                         | 19.56                                                          | 21                  | 3        |  |
| 3                                                        | 64QAM      | 8       | 7         | 19.89                                                                                        | 19.62                                                                         | 19.68                                                          |                     |          |  |
| 3                                                        | 64QAM      | 15      | 0         | 19.52                                                                                        | 19.50                                                                         | 19.61                                                          |                     |          |  |
| Channel                                                  |            |         |           |                                                                                              |                                                                               |                                                                |                     |          |  |
| Frequency (MHz)                                          |            |         |           | 19957 <th>20175<th>20393</th><th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>     | 20175 <th>20393</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th> | 20393                                                          | Tune-up limit (dBm) | MPR (dB) |  |
| 1.4                                                      | QPSK       | 1       | 0         | 22.43                                                                                        | 22.45                                                                         | 22.54                                                          |                     |          |  |
| 1.4                                                      | QPSK       | 1       | 3         | 22.30                                                                                        | 22.46                                                                         | 22.47                                                          | 24                  | 0        |  |
| 1.4                                                      | QPSK       | 1       | 5         | 22.41                                                                                        | 22.32                                                                         | 22.42                                                          |                     |          |  |
| 1.4                                                      | QPSK       | 3       | 0         | 22.09                                                                                        | 22.04                                                                         | 22.03                                                          |                     |          |  |
| 1.4                                                      | QPSK       | 3       | 1         | 22.26                                                                                        | 22.10                                                                         | 22.08                                                          |                     |          |  |
| 1.4                                                      | QPSK       | 3       | 3         | 22.20                                                                                        | 22.04                                                                         | 22.05                                                          |                     |          |  |
| 1.4                                                      | QPSK       | 6       | 0         | 21.08                                                                                        | 21.04                                                                         | 21.05                                                          | 23                  | 1        |  |
| 1.4                                                      | 16QAM      | 1       | 0         | 21.11                                                                                        | 21.49                                                                         | 21.48                                                          |                     |          |  |
| 1.4                                                      | 16QAM      | 1       | 3         | 21.67                                                                                        | 21.61                                                                         | 21.62                                                          |                     |          |  |
| 1.4                                                      | 16QAM      | 1       | 5         | 21.52                                                                                        | 21.53                                                                         | 21.49                                                          | 23                  | 1        |  |
| 1.4                                                      | 16QAM      | 3       | 0         | 21.32                                                                                        | 21.28                                                                         | 21.26                                                          |                     |          |  |
| 1.4                                                      | 16QAM      | 3       | 1         | 21.35                                                                                        | 21.33                                                                         | 21.35                                                          |                     |          |  |
| 1.4                                                      | 16QAM      | 3       | 3         | 21.29                                                                                        | 21.30                                                                         | 21.27                                                          |                     |          |  |
| 1.4                                                      | 16QAM      | 6       | 0         | 20.36                                                                                        | 20.35                                                                         | 20.33                                                          | 22                  | 2        |  |
| 1.4                                                      | 64QAM      | 1       | 0         | 20.45                                                                                        | 20.40                                                                         | 20.31                                                          |                     |          |  |
| 1.4                                                      | 64QAM      | 1       | 3         | 20.47                                                                                        | 20.33                                                                         | 20.46                                                          |                     |          |  |
| 1.4                                                      | 64QAM      | 1       | 5         | 20.35                                                                                        | 20.33                                                                         | 20.38                                                          | 22                  | 2        |  |
| 1.4                                                      | 64QAM      | 3       | 0         | 20.38                                                                                        | 20.29                                                                         | 20.30                                                          |                     |          |  |
| 1.4                                                      | 64QAM      | 3       | 1         | 20.41                                                                                        | 20.37                                                                         | 20.36                                                          |                     |          |  |
| 1.4                                                      | 64QAM      | 3       | 3         | 20.36                                                                                        | 20.29                                                                         | 20.29                                                          |                     |          |  |
| 1.4                                                      | 64QAM      | 6       | 0         | 19.80                                                                                        | 19.87                                                                         | 19.68                                                          | 21                  | 3        |  |

| Band 7 (2600MHz Band)<br>Part 27 |            |         |           |                          |                             |                           |                           |             |  |
|----------------------------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|---------------------------|-------------|--|
| BW (MHz)                         | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up<br>limit<br>(dBm) | MPR<br>(dB) |  |
| Channel                          |            |         |           | 20850                    | 21100                       | 21350                     |                           |             |  |
| Frequency (MHz)                  |            |         |           | 2510                     | 2535                        | 2560                      |                           |             |  |
| 20                               | QPSK       | 1       | 0         | 22.38                    | 22.45                       | 22.36                     | 24                        | 0           |  |
| 20                               | QPSK       | 1       | 49        | 22.29                    | 22.35                       | 22.31                     |                           |             |  |
| 20                               | QPSK       | 1       | 99        | 22.36                    | 22.38                       | 22.23                     |                           |             |  |
| 20                               | QPSK       | 50      | 0         | 21.34                    | 21.56                       | 21.53                     |                           |             |  |
| 20                               | QPSK       | 50      | 24        | 21.23                    | 21.50                       | 21.46                     | 23                        | 1           |  |
| 20                               | QPSK       | 50      | 50        | 21.44                    | 21.36                       | 21.54                     |                           |             |  |
| 20                               | QPSK       | 100     | 0         | 21.28                    | 21.31                       | 21.30                     |                           |             |  |
| 20                               | 16QAM      | 1       | 0         | 21.33                    | 21.58                       | 21.67                     |                           |             |  |
| 20                               | 16QAM      | 1       | 49        | 21.25                    | 21.53                       | 21.56                     | 23                        | 1           |  |
| 20                               | 16QAM      | 1       | 99        | 21.44                    | 21.24                       | 21.42                     |                           |             |  |
| 20                               | 16QAM      | 50      | 0         | 20.41                    | 20.35                       | 20.55                     |                           |             |  |
| 20                               | 16QAM      | 50      | 24        | 20.11                    | 20.47                       | 20.52                     |                           |             |  |
| 20                               | 16QAM      | 50      | 50        | 20.42                    | 20.39                       | 20.55                     | 22                        | 2           |  |
| 20                               | 16QAM      | 100     | 0         | 20.18                    | 20.31                       | 20.35                     |                           |             |  |
| 20                               | 64QAM      | 1       | 0         | 20.48                    | 20.49                       | 20.40                     |                           |             |  |
| 20                               | 64QAM      | 1       | 49        | 20.17                    | 20.45                       | 20.64                     |                           |             |  |
| 20                               | 64QAM      | 1       | 99        | 20.35                    | 20.25                       | 20.59                     | 22                        | 2           |  |
| 20                               | 64QAM      | 50      | 0         | 19.30                    | 19.38                       | 19.46                     |                           |             |  |
| 20                               | 64QAM      | 50      | 24        | 19.18                    | 19.58                       | 19.53                     |                           |             |  |
| 20                               | 64QAM      | 50      | 50        | 19.28                    | 19.48                       | 19.42                     |                           |             |  |
| 20                               | 64QAM      | 100     | 0         | 19.21                    | 19.35                       | 19.39                     | 21                        | 3           |  |
| Channel                          |            |         |           | 20825                    | 21100                       | 21375                     |                           |             |  |
| Frequency (MHz)                  |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                           |             |  |
| 15                               | QPSK       | 1       | 0         | 22.42                    | 22.37                       | 22.29                     | 24                        | 0           |  |
| 15                               | QPSK       | 1       | 37        | 22.28                    | 22.39                       | 22.22                     |                           |             |  |
| 15                               | QPSK       | 1       | 74        | 22.39                    | 22.37                       | 22.22                     |                           |             |  |
| 15                               | QPSK       | 36      | 0         | 21.37                    | 21.68                       | 21.66                     |                           |             |  |
| 15                               | QPSK       | 36      | 20        | 21.39                    | 21.62                       | 21.35                     | 23                        | 1           |  |
| 15                               | QPSK       | 36      | 39        | 21.51                    | 21.37                       | 21.41                     |                           |             |  |
| 15                               | QPSK       | 75      | 0         | 21.22                    | 21.40                       | 21.41                     |                           |             |  |
| 15                               | 16QAM      | 1       | 0         | 21.35                    | 21.65                       | 21.68                     |                           |             |  |
| 15                               | 16QAM      | 1       | 37        | 21.23                    | 21.49                       | 21.56                     | 23                        | 1           |  |
| 15                               | 16QAM      | 1       | 74        | 21.55                    | 21.38                       | 21.40                     |                           |             |  |
| 15                               | 16QAM      | 36      | 0         | 20.47                    | 20.32                       | 20.50                     |                           |             |  |
| 15                               | 16QAM      | 36      | 20        | 20.23                    | 20.60                       | 20.54                     |                           |             |  |
| 15                               | 16QAM      | 36      | 39        | 20.39                    | 20.29                       | 20.42                     | 22                        | 2           |  |
| 15                               | 16QAM      | 75      | 0         | 20.25                    | 20.30                       | 20.36                     |                           |             |  |
| 15                               | 64QAM      | 1       | 0         | 20.34                    | 20.44                       | 20.32                     |                           |             |  |
| 15                               | 64QAM      | 1       | 37        | 20.33                    | 20.36                       | 20.73                     |                           |             |  |
| 15                               | 64QAM      | 1       | 74        | 20.42                    | 20.31                       | 20.73                     | 22                        | 2           |  |
| 15                               | 64QAM      | 36      | 0         | 19.27                    | 19.44                       | 19.33                     |                           |             |  |
| 15                               | 64QAM      | 36      | 20        | 19.15                    | 19.60                       | 19.40                     |                           |             |  |
| 15                               | 64QAM      | 36      | 39        | 19.41                    | 19.50                       | 19.27                     |                           |             |  |
| 15                               | 64QAM      | 75      | 0         | 19.33                    | 19.38                       | 19.34                     | 21                        | 3           |  |
| Channel                          |            |         |           | 20800                    | 21100                       | 21400                     |                           |             |  |
| Frequency (MHz)                  |            |         |           | 2505                     | 2535                        | 2565                      |                           |             |  |
| 10                               | QPSK       | 1       | 0         | 22.28                    | 22.40                       | 22.21                     | 24                        | 0           |  |
| 10                               | QPSK       | 1       | 25        | 22.42                    | 22.27                       | 22.24                     |                           |             |  |
| 10                               | QPSK       | 1       | 49        | 22.30                    | 22.33                       | 22.31                     |                           |             |  |
| 10                               | QPSK       | 25      | 0         | 21.23                    | 21.70                       | 21.52                     |                           |             |  |
| 10                               | QPSK       | 25      | 12        | 21.51                    | 21.64                       | 21.44                     | 23                        | 1           |  |
| 10                               | QPSK       | 25      | 25        | 21.64                    | 21.48                       | 21.41                     |                           |             |  |
| 10                               | QPSK       | 50      | 0         | 21.13                    | 21.46                       | 21.53                     |                           |             |  |
| 10                               | 16QAM      | 1       | 0         | 21.32                    | 21.67                       | 21.58                     |                           |             |  |
| 10                               | 16QAM      | 1       | 25        | 21.24                    | 21.36                       | 21.53                     | 23                        | 1           |  |
| 10                               | 16QAM      | 1       | 49        | 21.67                    | 21.45                       | 21.52                     |                           |             |  |
| 10                               | 16QAM      | 25      | 0         | 20.56                    | 20.43                       | 20.59                     |                           |             |  |
| 10                               | 16QAM      | 25      | 12        | 20.34                    | 20.65                       | 20.68                     |                           |             |  |
| 10                               | 16QAM      | 25      | 25        | 20.49                    | 20.51                       | 20.45                     | 22                        | 2           |  |
| 10                               | 16QAM      | 50      | 0         | 20.31                    | 20.22                       | 20.38                     |                           |             |  |
| 10                               | 64QAM      | 1       | 0         | 20.26                    | 20.35                       | 20.39                     |                           |             |  |
| 10                               | 64QAM      | 1       | 25        | 20.28                    | 20.22                       | 20.52                     |                           |             |  |
| 10                               | 64QAM      | 1       | 49        | 20.51                    | 20.32                       | 20.45                     | 22                        | 2           |  |
| 10                               | 64QAM      | 25      | 0         | 19.27                    | 19.58                       | 19.45                     |                           |             |  |
| 10                               | 64QAM      | 25      | 12        | 19.29                    | 19.69                       | 19.52                     |                           |             |  |
| 10                               | 64QAM      | 25      | 25        | 19.56                    | 19.54                       | 19.31                     |                           |             |  |
| 10                               | 64QAM      | 50      | 0         | 19.29                    | 19.32                       | 19.24                     | 21                        | 3           |  |
| Channel                          |            |         |           | 20775                    | 21100                       | 21425                     |                           |             |  |
| Frequency (MHz)                  |            |         |           | 2502.5                   | 2535                        | 2567.5                    |                           |             |  |
| 5                                | QPSK       | 1       | 0         | 22.15                    | 22.34                       | 22.12                     | 24                        | 0           |  |
| 5                                | QPSK       | 1       | 12        | 22.42                    | 22.17                       | 22.30                     |                           |             |  |
| 5                                | QPSK       | 1       | 24        | 22.37                    | 22.19                       | 22.42                     |                           |             |  |
| 5                                | QPSK       | 12      | 0         | 21.44                    | 21.58                       | 21.64                     |                           |             |  |
| 5                                | QPSK       | 12      | 7         | 21.53                    | 21.52                       | 21.40                     | 23                        | 1           |  |
| 5                                | QPSK       | 12      | 13        | 21.53                    | 21.54                       | 21.37                     |                           |             |  |
| 5                                | QPSK       | 25      | 0         | 21.22                    | 21.59                       | 21.44                     |                           |             |  |
| 5                                | 16QAM      | 1       | 0         | 21.20                    | 21.62                       | 21.69                     |                           |             |  |
| 5                                | 16QAM      | 1       | 12        | 21.23                    | 21.49                       | 21.46                     | 23                        | 1           |  |
| 5                                | 16QAM      | 1       | 24        | 21.58                    | 21.54                       | 21.40                     |                           |             |  |
| 5                                | 16QAM      | 12      | 0         | 20.47                    | 20.34                       | 20.68                     |                           |             |  |
| 5                                | 16QAM      | 12      | 7         | 20.29                    | 20.73                       | 20.72                     |                           |             |  |
| 5                                | 16QAM      | 12      | 13        | 20.57                    | 20.53                       | 20.58                     | 22                        | 2           |  |
| 5                                | 16QAM      | 25      | 0         | 20.28                    | 20.35                       | 20.29                     |                           |             |  |
| 5                                | 64QAM      | 1       | 0         | 20.32                    | 20.27                       | 20.39                     |                           |             |  |
| 5                                | 64QAM      | 1       | 12        | 20.43                    | 20.31                       | 20.60                     |                           |             |  |
| 5                                | 64QAM      | 1       | 24        | 20.64                    | 20.41                       | 20.50                     | 22                        | 2           |  |
| 5                                | 64QAM      | 12      | 0         | 19.41                    | 19.48                       | 19.41                     |                           |             |  |
| 5                                | 64QAM      | 12      | 7         | 19.38                    | 19.61                       | 19.40                     |                           |             |  |
| 5                                | 64QAM      | 12      | 13        | 19.43                    | 19.47                       | 19.16                     |                           |             |  |
| 5                                | 64QAM      | 25      | 0         | 19.36                    | 19.21                       | 19.35                     | 21                        | 3           |  |

| Band 66         |            |         |           |                          |                             |                           |                           |             |  |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|---------------------------|-------------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up<br>limit<br>(dBm) | MPR<br>(dB) |  |
| Channel         |            |         |           | 130702                   | 132322                      | 132572                    |                           |             |  |
| Frequency (MHz) |            |         |           | 1720                     | 1745                        | 1770                      |                           |             |  |
| 20              | QPSK       | 1       | 0         | 22.51                    | 22.57                       | 22.47                     | 24                        | 0           |  |
| 20              | QPSK       | 1       | 49        | 22.37                    | 22.35                       | 22.36                     |                           |             |  |
| 20              | QPSK       | 1       | 99        | 22.53                    | 22.41                       | 22.27                     |                           |             |  |
| 20              | QPSK       | 50      | 0         | 21.63                    | 21.79                       | 21.64                     |                           |             |  |
| 20              | QPSK       | 50      | 24        | 21.54                    | 21.59                       | 21.57                     | 23                        | 1           |  |
| 20              | QPSK       | 50      | 50        | 21.56                    | 21.55                       | 21.46                     |                           |             |  |
| 20              | QPSK       | 100     | 0         | 21.52                    | 21.63                       | 21.59                     |                           |             |  |
| 20              | 16QAM      | 1       | 0         | 21.48                    | 21.81                       | 21.74                     |                           |             |  |
| 20              | 16QAM      | 1       | 49        | 21.69                    | 21.47                       | 21.66                     | 23                        | 1           |  |
| 20              | 16QAM      | 1       | 99        | 21.48                    | 21.59                       | 21.40                     |                           |             |  |
| 20              | 16QAM      | 50      | 0         | 20.50                    | 20.62                       | 20.73                     |                           |             |  |
| 20              | 16QAM      | 50      | 24        | 20.45                    | 20.60                       | 20.55                     |                           |             |  |
| 20              | 16QAM      | 50      | 50        | 20.66                    | 20.53                       | 20.41                     | 22                        | 2           |  |
| 20              | 16QAM      | 100     | 0         | 20.41                    | 20.61                       | 20.52                     |                           |             |  |
| 20              | 64QAM      | 1       | 0         | 20.40                    | 20.58                       | 20.70                     |                           |             |  |
| 20              | 64QAM      | 1       | 49        | 20.57                    | 20.47                       | 20.70                     |                           |             |  |
| 20              | 64QAM      | 1       | 99        | 20.75                    | 20.66                       | 20.35                     | 22                        | 2           |  |
| 20              | 64QAM      | 50      | 0         | 19.44                    | 19.59                       | 19.84                     |                           |             |  |
| 20              | 64QAM      | 50      | 24        | 19.42                    | 19.55                       | 19.61                     |                           |             |  |
| 20              | 64QAM      | 50      | 50        | 19.57                    | 19.64                       | 19.53                     |                           |             |  |
| 20              | 64QAM      | 100     | 0         | 19.29                    | 19.62                       | 19.48                     | 21                        | 3           |  |
| Channel         |            |         |           | 130407                   | 132322                      | 132597                    |                           |             |  |
| Frequency (MHz) |            |         |           | 1717.5                   | 1745                        | 1772.5                    |                           |             |  |
| 15              | QPSK       | 1       | 0         | 22.53                    | 22.48                       | 22.36                     | 24                        | 0           |  |
| 15              | QPSK       | 1       | 37        | 22.48                    | 22.34                       | 22.39                     |                           |             |  |
| 15              | QPSK       | 1       | 74        | 22.54                    | 22.45                       | 22.27                     |                           |             |  |
| 15              | QPSK       | 36      | 0         | 21.76                    | 21.52                       | 21.63                     |                           |             |  |
| 15              | QPSK       | 36      | 20        | 21.58                    | 21.69                       | 21.60                     | 23                        | 1           |  |
| 15              | QPSK       | 36      | 39        | 21.64                    | 21.53                       | 21.32                     |                           |             |  |
| 15              | QPSK       | 75      | 0         | 21.59                    | 21.54                       | 21.46                     |                           |             |  |
| 15              | 16QAM      | 1       | 0         | 21.60                    | 21.59                       | 21.82                     |                           |             |  |
| 15              | 16QAM      | 1       | 37        | 21.71                    | 21.54                       | 21.67                     | 23                        | 1           |  |
| 15              | 16QAM      | 1       | 74        | 21.34                    | 21.49                       | 21.48                     |                           |             |  |
| 15              | 16QAM      | 36      | 0         | 20.36                    | 20.68                       | 20.58                     |                           |             |  |
| 15              | 16QAM      | 36      | 20        | 20.43                    | 20.46                       | 20.54                     |                           |             |  |
| 15              | 16QAM      | 36      | 39        | 20.76                    | 20.55                       | 20.46                     | 22                        | 2           |  |
| 15              | 16QAM      | 75      | 0         | 20.37                    | 20.56                       | 20.60                     |                           |             |  |
| 15              | 64QAM      | 1       | 0         | 20.43                    | 20.71                       | 20.62                     |                           |             |  |
| 15              | 64QAM      | 1       | 37        | 20.63                    | 20.57                       | 20.57                     |                           |             |  |
| 15              | 64QAM      | 1       | 74        | 20.78                    | 20.74                       | 20.43                     | 22                        | 2           |  |
| 15              | 64QAM      | 36      | 0         | 19.33                    | 19.58                       | 19.77                     |                           |             |  |
| 15              | 64QAM      | 36      | 20        | 19.49                    | 19.65                       | 19.67                     |                           |             |  |
| 15              | 64QAM      | 36      | 39        | 19.69                    | 19.77                       | 19.42                     |                           |             |  |
| 15              | 64QAM      | 75      | 0         | 19.40                    | 19.69                       | 19.53                     | 21                        | 3           |  |
| Channel         |            |         |           | 130202                   | 132322                      | 132622                    |                           |             |  |
| Frequency (MHz) |            |         |           | 1715                     | 1745                        | 1775                      |                           |             |  |
| 10              | QPSK       | 1       | 0         | 22.04                    | 22.14                       | 22.16                     | 24                        | 0           |  |
| 10              | QPSK       | 1       | 25        | 22.07                    | 22.24                       | 22.30                     |                           |             |  |
| 10              | QPSK       | 1       | 49        | 22.15                    | 22.32                       | 22.28                     |                           |             |  |
| 10              | QPSK       | 25      | 0         | 21.34                    | 21.45                       | 21.43                     |                           |             |  |
| 10              | QPSK       | 25      | 12        | 21.30                    | 21.30                       | 21.43                     | 23                        | 1           |  |
| 10              | QPSK       | 25      | 25        | 21.24                    | 21.16                       | 21.09                     |                           |             |  |
| 10              | QPSK       | 50      | 0         | 21.39                    | 21.28                       | 21.30                     |                           |             |  |
| 10              | 16QAM      | 1       | 0         | 21.33                    | 21.64                       | 21.54                     |                           |             |  |
| 10              | 16QAM      | 1       | 25        | 21.61                    | 21.38                       | 21.49                     | 23                        | 1           |  |
| 10              | 16QAM      | 1       | 49        | 21.45                    | 21.32                       | 21.18                     |                           |             |  |
| 10              | 16QAM      | 25      | 0         | 20.48                    | 20.16                       | 20.31                     |                           |             |  |
| 10              | 16QAM      | 25      | 12        | 20.36                    | 20.31                       | 20.28                     |                           |             |  |
| 10              | 16QAM      | 25      | 25        | 20.46                    | 20.45                       | 20.25                     | 22                        | 2           |  |
| 10              | 16QAM      | 50      | 0         | 20.12                    | 20.07                       | 20.01                     |                           |             |  |
| 10              | 64QAM      | 1       | 0         | 20.49                    | 20.42                       | 20.25                     |                           |             |  |
| 10              | 64QAM      | 1       | 25        | 20.50                    | 20.44                       | 20.31                     |                           |             |  |
| 10              | 64QAM      | 1       | 49        | 20.34                    | 20.31                       | 20.19                     | 22                        | 2           |  |
| 10              | 64QAM      | 25      | 0         | 19.32                    | 19.55                       | 19.66                     |                           |             |  |
| 10              | 64QAM      | 25      | 12        | 19.40                    | 19.71                       | 19.54                     |                           |             |  |
| 10              | 64QAM      | 25      | 25        | 19.77                    | 19.73                       | 19.56                     |                           |             |  |
| 10              | 64QAM      | 50      | 0         | 19.30                    | 19.62                       | 19.47                     | 21                        | 3           |  |
| Channel         |            |         |           | 130507                   | 132322                      | 132627                    |                           |             |  |
| Frequency (MHz) |            |         |           | 1712.5                   | 1745                        | 1777.5                    |                           |             |  |
| 5               | QPSK       | 1       | 0         | 22.13                    | 22.21                       | 22.10                     | 24                        | 0           |  |
| 5               | QPSK       | 1       | 12        | 22.17                    | 22.19                       | 22.13                     |                           |             |  |
| 5               | QPSK       | 1       | 24        | 22.26                    | 22.09                       | 22.04                     |                           |             |  |
| 5               | QPSK       | 12      | 0         | 21.49                    | 21.29                       | 21.26                     |                           |             |  |
| 5               | QPSK       | 12      | 7         | 21.39                    | 21.28                       | 21.19                     | 23                        | 1           |  |
| 5               | QPSK       | 12      | 13        | 21.13                    | 21.14                       | 21.10                     |                           |             |  |
| 5               | QPSK       | 25      | 0         | 21.29                    | 21.38                       | 21.25                     |                           |             |  |
| 5               | 16QAM      | 1       | 0         | 21.30                    | 21.51                       | 21.55                     |                           |             |  |
| 5               | 16QAM      | 1       | 12        | 21.56                    | 21.35                       | 21.25                     | 23                        | 1           |  |
| 5               | 16QAM      | 1       | 24        | 21.31                    | 21.43                       | 21.13                     |                           |             |  |
| 5               | 16QAM      | 12      | 0         | 20.34                    | 20.09                       | 20.44                     |                           |             |  |
| 5               | 16QAM      | 12      | 7         | 20.50                    | 20.45                       | 20.25                     |                           |             |  |
| 5               | 16QAM      | 12      | 13        | 20.33                    | 20.39                       | 20.13                     | 22                        | 2           |  |
| 5               | 16QAM      | 25      | 0         | 20.21                    | 20.13                       | 20.13                     |                           |             |  |
| 5               | 64QAM      | 1       | 0         | 20.39                    | 20.55                       | 20.33                     |                           |             |  |
| 5               | 64QAM      | 1       | 12        | 20.44                    | 20.49                       | 20.17                     |                           |             |  |
| 5               | 64QAM      | 1       | 24        | 20.38                    | 20.25                       | 20.22                     | 22                        | 2           |  |
| 5               | 64QAM      | 12      | 0         | 19.42                    | 19.45                       | 19.63                     |                           |             |  |
| 5               | 64QAM      | 12      | 7         | 19.38                    | 19.59                       | 19.66                     |                           |             |  |
| 5               | 64QAM      | 12      | 13        | 19.73                    | 19.84                       | 19.65                     |                           |             |  |
| 5               | 64QAM      | 25      | 0         | 19.26                    | 19.62                       | 19.54                     | 21                        | 3           |  |
| Channel         |            |         |           | 131987                   | 132322                      | 132657                    |                           |             |  |
| Frequency (MHz) |            |         |           | 1711.5                   | 1745                        | 1778.5                    |                           |             |  |
| 3               | QPSK       | 1       | 0         | 22.18                    | 22.32                       | 22.18                     | 24                        | 0           |  |
| 3               | QPSK       | 1       | 8         | 22.25                    | 22.26                       | 22.27                     |                           |             |  |
| 3               | QPSK       | 1       | 14        | 22.13                    | 22.22                       | 22.13                     |                           |             |  |
| 3               | QPSK       | 8       | 0         | 21.29                    | 21.11                       | 21.52                     |                           |             |  |
| 3               | QPSK       | 8       | 7         | 21.33                    | 21.26                       | 21.38                     | 23                        | 1           |  |
| 3               | QPSK       | 8       | 7         | 21.23                    | 21.21                       | 21.51                     |                           |             |  |
| 3               | QPSK       | 15      | 0         | 21.33                    | 21.34                       | 21.42                     |                           |             |  |
| 3               | 16QAM      | 1       | 0         | 21.22                    | 21.63                       | 21.29                     |                           |             |  |
| 3               | 16QAM      | 1       | 8         | 21.50                    | 21.59                       | 21.53                     | 23                        | 1           |  |
| 3               | 16QAM      | 1       | 14        | 21.65                    | 21.51                       | 21.46                     |                           |             |  |
| 3               | 16QAM      | 8       | 0         | 20.38                    | 20.19                       | 20.44                     |                           |             |  |
| 3               | 16QAM      | 8       | 4         | 20.41                    | 20.24                       | 20.17                     |                           |             |  |
| 3               | 16QAM      | 8       | 7         | 20.28                    | 20.07                       | 20.00                     | 22                        | 2           |  |
| 3               | 16QAM      | 15      | 0         | 20.18                    | 20.16                       | 20.26                     |                           |             |  |
| 3               | 64QAM      | 1       | 0         | 20.62                    | 20.37                       | 20.27                     |                           |             |  |
| 3               | 64QAM      | 1       | 8         | 20.54                    | 20.57                       | 20.32                     |                           |             |  |
| 3               | 64QAM      | 1       | 14        | 20.23                    | 20.30                       | 20.38                     | 22                        | 2           |  |
| 3               | 64QAM      | 8       | 0         | 19.28                    | 19.47                       | 19.52                     |                           |             |  |
| 3               | 64QAM      | 8       | 4         | 19.25                    | 19.53                       | 19.62                     |                           |             |  |
| 3               | 64QAM      | 8       | 7         | 19.67                    | 19.74                       | 19.58                     |                           |             |  |
| 3               | 64QAM      | 15      | 0         | 19.25                    | 19.56                       | 19.44                     | 21                        | 3           |  |
| Channel         |            |         |           | 131979                   | 132322                      | 132685                    |                           |             |  |
| Frequency (MHz) |            |         |           | 1719.7                   | 1745                        | 1779.3                    |                           |             |  |
| 1.4             | QPSK       | 1       | 0         | 22.08                    | 22.23                       | 22.13                     | 24                        | 0           |  |
| 1.4             | QPSK       | 1       | 3         | 22.07                    | 22.33                       | 22.24                     |                           |             |  |
| 1.4             | QPSK       | 3       | 5         | 22.06                    | 22.46                       | 21.44                     |                           |             |  |
| 1.4             | QPSK       | 3       | 0         | 22.14                    | 22.21                       | 22.20                     |                           |             |  |
| 1.4             | QPSK       | 3       | 1         | 22.13                    | 22.29                       | 22.35                     | 24                        | 0           |  |
| 1.4             | QPSK       | 3       | 3         | 22.17                    | 22.49                       | 22.25                     |                           |             |  |
| 1.4             | QPSK       | 6       | 0         | 21.28                    | 21.16                       | 21.31                     |                           |             |  |
| 1.4             | 16QAM      | 1       | 0         | 21.32                    | 21.60                       | 21.68                     |                           |             |  |
| 1.4             | 16QAM      | 1       | 3         | 21.51                    | 21.43                       | 21.39                     | 23                        | 1           |  |
| 1.4             | 16QAM      | 1       | 3         | 21.56                    | 21.34                       | 21.51                     |                           |             |  |
| 1.4             | 16QAM      | 3       | 0         | 21.24                    | 21.62                       | 21.53                     |                           |             |  |
| 1.4             | 16QAM      | 3       | 1         | 21.56                    | 21.34                       | 21.25                     |                           |             |  |
| 1.4             | 16QAM      | 3       | 3         | 21.43                    | 21.44                       | 21.31                     | 22                        | 2           |  |
| 1.4             | 16QAM      | 6       | 0         | 20.25                    | 20.41                       | 20.22                     |                           |             |  |
| 1.4             | 64QAM      | 1       | 0         | 20.40                    | 20.37                       | 20.37                     |                           |             |  |
| 1.4             | 64QAM      | 1       | 3         | 20.38                    | 20.44                       | 20.17                     |                           |             |  |
| 1.4             | 64QAM      | 1       | 5         | 20.34                    | 20.36                       | 20.22                     | 22                        | 2           |  |
| 1.4             | 64QAM      | 3       | 0         | 20.25                    | 20.48                       | 20.32                     |                           |             |  |
| 1.4             | 64QAM      | 3       | 2         | 20.48                    | 20.46                       | 20.28                     |                           |             |  |
| 1.4             | 64QAM      | 3       | 3         | 20.38                    | 20.42                       | 20.15                     |                           |             |  |
| 1.4             | 64QAM      | 6       | 0         | 19.25                    | 19.54                       | 19.35                     | 21                        | 3           |  |

## Reduced Power Mode for Sensor on

| GSM1900         | Burst Average Power (dBm) |       |        | Tune-up<br>Limit<br>(dBm) | Frame-Average Power (dBm) |       |        | Tune-up<br>Limit<br>(dBm) |
|-----------------|---------------------------|-------|--------|---------------------------|---------------------------|-------|--------|---------------------------|
|                 | 512                       | 661   | 810    |                           | 512                       | 661   | 810    |                           |
| TX Channel      | 1850.2                    | 1880  | 1909.8 |                           | 1850.2                    | 1880  | 1909.8 |                           |
| Frequency (MHz) | 1850.2                    | 1880  | 1909.8 |                           | 1850.2                    | 1880  | 1909.8 |                           |
| GSM 1 Tx slot   | 25.04                     | 24.95 | 24.88  | 26.50                     | 16.04                     | 15.95 | 15.88  | 17.50                     |
| GPRS 1 Tx slot  | 25.36                     | 25.33 | 25.26  | 26.50                     | 16.36                     | 16.33 | 16.26  | 17.50                     |
| GPRS 2 Tx slots | 24.02                     | 24.03 | 23.97  | 25.00                     | 18.02                     | 18.03 | 17.97  | 19.00                     |
| GPRS 3 Tx slots | 22.40                     | 22.41 | 22.39  | 23.00                     | 18.14                     | 18.15 | 18.13  | 18.74                     |
| GPRS 4 Tx slots | 20.81                     | 20.93 | 20.87  | 21.00                     | 17.81                     | 17.93 | 17.87  | 18.00                     |
| EDGE 1 Tx slot  | 21.24                     | 21.33 | 21.31  | 23.00                     | 12.24                     | 12.33 | 12.31  | 14.00                     |
| EDGE 2 Tx slots | 19.51                     | 19.51 | 19.54  | 21.50                     | 13.51                     | 13.51 | 13.54  | 15.50                     |
| EDGE 3 Tx slots | 17.76                     | 17.77 | 17.81  | 19.50                     | 13.50                     | 13.51 | 13.55  | 15.24                     |
| EDGE 4 Tx slots | 15.97                     | 16.01 | 16.00  | 17.50                     | 12.97                     | 13.01 | 13.00  | 14.50                     |

| Band            |                         | WCDMA II |       |        | Tune-up<br>Limit<br>(dBm) | WCDMA IV |        |        | Tune-up<br>Limit<br>(dBm) |
|-----------------|-------------------------|----------|-------|--------|---------------------------|----------|--------|--------|---------------------------|
|                 |                         | 9282     | 9400  | 9538   |                           | 1312     | 1413   | 1513   |                           |
| TX Channel      |                         | 9592     | 9600  | 9938   |                           | 1537     | 1638   | 1738   |                           |
| Rx Channel      |                         | 1852.4   | 1880  | 1907.6 |                           | 1712.4   | 1732.6 | 1752.6 |                           |
| Frequency (MHz) |                         | 1852.4   | 1880  | 1907.6 |                           | 1712.4   | 1732.6 | 1752.6 |                           |
| 3GPP Rel 99     | AMR 12.2Kbps            | 15.41    | 15.41 | 15.31  | 17.00                     | 15.62    | 15.91  | 15.82  | 17.50                     |
| 3GPP Rel 99     | RMC 12.2Kbps            | 15.51    | 15.53 | 15.42  | 17.00                     | 15.89    | 15.92  | 15.91  | 17.50                     |
| 3GPP Rel 6      | HSDPA Subtest-1         | 14.59    | 14.64 | 14.52  | 16.00                     | 14.81    | 14.93  | 14.81  | 16.50                     |
| 3GPP Rel 6      | HSDPA Subtest-2         | 14.60    | 14.56 | 14.47  | 16.00                     | 14.88    | 14.90  | 14.82  | 16.50                     |
| 3GPP Rel 6      | HSDPA Subtest-3         | 14.05    | 14.09 | 14.01  | 15.50                     | 14.37    | 14.52  | 14.41  | 16.00                     |
| 3GPP Rel 6      | HSDPA Subtest-4         | 14.09    | 14.11 | 13.96  | 15.50                     | 14.37    | 14.51  | 14.43  | 16.00                     |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 14.53    | 14.58 | 14.44  | 16.00                     | 14.77    | 14.91  | 14.84  | 16.50                     |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 14.52    | 14.56 | 14.46  | 16.00                     | 14.77    | 14.93  | 14.81  | 16.50                     |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 14.02    | 14.06 | 13.92  | 15.50                     | 14.40    | 14.50  | 14.42  | 16.00                     |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 14.02    | 14.05 | 13.93  | 15.50                     | 14.38    | 14.50  | 14.42  | 16.00                     |
| 3GPP Rel 6      | HSUPA Subtest-1         | 14.55    | 14.55 | 14.43  | 16.00                     | 14.77    | 14.84  | 14.88  | 16.50                     |
| 3GPP Rel 6      | HSUPA Subtest-2         | 12.50    | 12.53 | 12.39  | 14.00                     | 12.85    | 12.89  | 12.86  | 14.50                     |
| 3GPP Rel 6      | HSUPA Subtest-3         | 13.50    | 13.54 | 13.42  | 15.00                     | 13.88    | 13.87  | 13.87  | 15.50                     |
| 3GPP Rel 6      | HSUPA Subtest-4         | 12.52    | 12.52 | 12.40  | 14.00                     | 12.87    | 12.90  | 12.87  | 14.50                     |
| 3GPP Rel 6      | HSUPA Subtest-5         | 14.50    | 14.54 | 14.42  | 16.00                     | 14.79    | 14.92  | 14.83  | 16.50                     |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 11.98    | 12.03 | 11.90  | 13.50                     | 12.40    | 12.41  | 12.38  | 14.00                     |



| Band 2 Sensor on |            |         |           |                       |                        |                        |                    |          |  |  |  |  |
|------------------|------------|---------|-----------|-----------------------|------------------------|------------------------|--------------------|----------|--|--|--|--|
| BW (MHz)         | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power High Ch. / Freq. | Power Avg. Ch. / Freq. | Turn-on Int. (dBm) | MPR (dB) |  |  |  |  |
| Channel          |            |         |           |                       |                        |                        |                    |          |  |  |  |  |
| Frequency (MHz)  |            |         |           |                       |                        |                        |                    |          |  |  |  |  |
| 20               | QPSK       | 1       | 0         | 15.98                 | 15.92                  | 15.90                  | 17                 | 0        |  |  |  |  |
| 20               | QPSK       | 1       | 49        | 15.47                 | 15.38                  | 15.43                  |                    |          |  |  |  |  |
| 20               | QPSK       | 1       | 99        | 15.51                 | 15.43                  | 15.47                  | 16                 | 1        |  |  |  |  |
| 20               | QPSK       | 50      | 0         | 14.98                 | 14.92                  | 14.96                  |                    |          |  |  |  |  |
| 20               | QPSK       | 50      | 24        | 14.81                 | 14.73                  | 14.78                  | 16                 | 1        |  |  |  |  |
| 20               | QPSK       | 50      | 50        | 14.76                 | 14.62                  | 14.47                  |                    |          |  |  |  |  |
| 20               | QPSK       | 100     | 0         | 14.71                 | 14.63                  | 14.56                  | 16                 | 1        |  |  |  |  |
| 20               | 16QAM      | 1       | 0         | 14.73                 | 14.78                  | 14.75                  |                    |          |  |  |  |  |
| 20               | 16QAM      | 1       | 49        | 14.65                 | 14.63                  | 14.69                  | 15                 | 2        |  |  |  |  |
| 20               | 16QAM      | 1       | 99        | 14.65                 | 14.73                  | 14.79                  |                    |          |  |  |  |  |
| 20               | 16QAM      | 50      | 0         | 13.85                 | 13.79                  | 13.87                  | 15                 | 2        |  |  |  |  |
| 20               | 16QAM      | 50      | 24        | 13.85                 | 13.72                  | 13.65                  |                    |          |  |  |  |  |
| 20               | 16QAM      | 50      | 50        | 13.77                 | 13.61                  | 13.45                  | 15                 | 2        |  |  |  |  |
| 20               | 16QAM      | 100     | 0         | 13.80                 | 13.69                  | 13.55                  |                    |          |  |  |  |  |
| 20               | 16QAM      | 1       | 0         | 13.83                 | 13.76                  | 13.81                  | 15                 | 2        |  |  |  |  |
| 20               | 16QAM      | 1       | 49        | 13.74                 | 13.66                  | 13.78                  |                    |          |  |  |  |  |
| 20               | 16QAM      | 1       | 99        | 13.70                 | 13.61                  | 13.63                  | 14                 | 3        |  |  |  |  |
| 20               | 16QAM      | 50      | 0         | 12.81                 | 12.77                  | 12.82                  |                    |          |  |  |  |  |
| 20               | 16QAM      | 50      | 24        | 12.86                 | 12.71                  | 12.62                  | 14                 | 3        |  |  |  |  |
| 20               | 16QAM      | 50      | 50        | 12.75                 | 12.58                  | 12.44                  |                    |          |  |  |  |  |
| 20               | 16QAM      | 100     | 0         | 12.82                 | 12.68                  | 12.54                  | 14                 | 3        |  |  |  |  |
| 20               | 16QAM      | 1       | 0         | 12.65                 | 12.59                  | 12.65                  |                    |          |  |  |  |  |
| Channel          |            |         |           |                       |                        |                        |                    |          |  |  |  |  |
| Frequency (MHz)  |            |         |           |                       |                        |                        |                    |          |  |  |  |  |
| 15               | QPSK       | 1       | 0         | 15.46                 | 15.49                  | 15.38                  | 17                 | 0        |  |  |  |  |
| 15               | QPSK       | 1       | 97        | 15.38                 | 15.55                  | 15.61                  |                    |          |  |  |  |  |
| 15               | QPSK       | 1       | 97        | 15.62                 | 15.62                  | 15.63                  | 16                 | 1        |  |  |  |  |
| 15               | QPSK       | 36      | 0         | 14.91                 | 14.75                  | 14.68                  |                    |          |  |  |  |  |
| 15               | QPSK       | 36      | 36        | 14.84                 | 14.70                  | 14.63                  | 16                 | 1        |  |  |  |  |
| 15               | QPSK       | 75      | 0         | 14.74                 | 14.64                  | 14.64                  |                    |          |  |  |  |  |
| 15               | 16QAM      | 1       | 0         | 14.88                 | 14.71                  | 14.60                  | 16                 | 1        |  |  |  |  |
| 15               | 16QAM      | 1       | 97        | 14.73                 | 14.60                  | 14.67                  |                    |          |  |  |  |  |
| 15               | 16QAM      | 1       | 14        | 14.96                 | 14.84                  | 14.83                  | 15                 | 2        |  |  |  |  |
| 15               | 16QAM      | 36      | 0         | 13.87                 | 13.78                  | 13.68                  |                    |          |  |  |  |  |
| 15               | 16QAM      | 36      | 20        | 13.88                 | 13.76                  | 13.64                  | 15                 | 2        |  |  |  |  |
| 15               | 16QAM      | 36      | 36        | 13.82                 | 13.68                  | 13.55                  |                    |          |  |  |  |  |
| 15               | 16QAM      | 75      | 0         | 13.94                 | 13.73                  | 13.62                  | 15                 | 2        |  |  |  |  |
| 15               | 16QAM      | 1       | 0         | 13.78                 | 13.61                  | 13.73                  |                    |          |  |  |  |  |
| 15               | 16QAM      | 1       | 97        | 13.62                 | 14.07                  | 13.92                  | 15                 | 2        |  |  |  |  |
| 15               | 16QAM      | 1       | 14        | 13.76                 | 13.71                  | 13.70                  |                    |          |  |  |  |  |
| 15               | 16QAM      | 36      | 0         | 12.90                 | 12.75                  | 12.69                  | 14                 | 3        |  |  |  |  |
| 15               | 16QAM      | 36      | 20        | 12.88                 | 12.69                  | 12.65                  |                    |          |  |  |  |  |
| 15               | 16QAM      | 36      | 36        | 12.86                 | 12.80                  | 12.82                  | 14                 | 3        |  |  |  |  |
| 15               | 16QAM      | 75      | 0         | 12.96                 | 12.72                  | 12.64                  |                    |          |  |  |  |  |
| 15               | 16QAM      | 1       | 0         | 12.65                 | 12.59                  | 12.65                  |                    |          |  |  |  |  |
| Channel          |            |         |           |                       |                        |                        |                    |          |  |  |  |  |
| Frequency (MHz)  |            |         |           |                       |                        |                        |                    |          |  |  |  |  |
| 10               | QPSK       | 1       | 0         | 15.98                 | 15.92                  | 15.90                  | 17                 | 0        |  |  |  |  |
| 10               | QPSK       | 1       | 25        | 15.46                 | 15.38                  | 15.43                  |                    |          |  |  |  |  |
| 10               | QPSK       | 1       | 49        | 15.51                 | 15.36                  | 15.38                  | 16                 | 1        |  |  |  |  |
| 10               | QPSK       | 25      | 0         | 14.94                 | 14.86                  | 14.77                  |                    |          |  |  |  |  |
| 10               | QPSK       | 25      | 12        | 14.96                 | 14.75                  | 14.63                  | 16                 | 1        |  |  |  |  |
| 10               | QPSK       | 25      | 25        | 14.91                 | 14.74                  | 14.63                  |                    |          |  |  |  |  |
| 10               | QPSK       | 50      | 0         | 14.92                 | 14.75                  | 14.70                  | 16                 | 1        |  |  |  |  |
| 10               | 16QAM      | 1       | 0         | 14.93                 | 14.76                  | 14.80                  |                    |          |  |  |  |  |
| 10               | 16QAM      | 1       | 25        | 15.02                 | 15.11                  | 15.13                  | 16                 | 1        |  |  |  |  |
| 10               | 16QAM      | 1       | 49        | 15.12                 | 14.96                  | 14.99                  |                    |          |  |  |  |  |
| 10               | 16QAM      | 25      | 0         | 13.95                 | 13.81                  | 13.75                  | 15                 | 2        |  |  |  |  |
| 10               | 16QAM      | 25      | 12        | 13.95                 | 13.78                  | 13.65                  |                    |          |  |  |  |  |
| 10               | 16QAM      | 25      | 25        | 13.92                 | 13.72                  | 13.62                  | 15                 | 2        |  |  |  |  |
| 10               | 16QAM      | 50      | 0         | 13.92                 | 13.78                  | 13.69                  |                    |          |  |  |  |  |
| 10               | 16QAM      | 1       | 0         | 13.86                 | 13.86                  | 13.80                  | 15                 | 2        |  |  |  |  |
| 10               | 16QAM      | 1       | 12        | 13.86                 | 13.83                  | 13.86                  |                    |          |  |  |  |  |
| 10               | 16QAM      | 25      | 0         | 12.96                 | 12.82                  | 12.74                  | 14                 | 3        |  |  |  |  |
| 10               | 16QAM      | 25      | 12        | 12.91                 | 12.75                  | 12.69                  |                    |          |  |  |  |  |
| 10               | 16QAM      | 25      | 25        | 12.90                 | 12.72                  | 12.64                  | 14                 | 3        |  |  |  |  |
| 10               | 16QAM      | 50      | 0         | 12.90                 | 12.74                  | 12.67                  |                    |          |  |  |  |  |
| Channel          |            |         |           |                       |                        |                        |                    |          |  |  |  |  |
| Frequency (MHz)  |            |         |           |                       |                        |                        |                    |          |  |  |  |  |
| 5                | QPSK       | 1       | 0         | 15.38                 | 15.19                  | 15.11                  | 17                 | 0        |  |  |  |  |
| 5                | QPSK       | 1       | 12        | 15.53                 | 15.61                  | 15.36                  |                    |          |  |  |  |  |
| 5                | QPSK       | 1       | 24        | 15.52                 | 15.16                  | 15.14                  | 16                 | 1        |  |  |  |  |
| 5                | QPSK       | 12      | 0         | 14.92                 | 14.75                  | 14.70                  |                    |          |  |  |  |  |
| 5                | QPSK       | 12      | 7         | 14.97                 | 14.76                  | 14.72                  | 16                 | 1        |  |  |  |  |
| 5                | QPSK       | 12      | 13        | 14.86                 | 14.69                  | 14.67                  |                    |          |  |  |  |  |
| 5                | QPSK       | 25      | 0         | 14.91                 | 14.73                  | 14.67                  | 16                 | 1        |  |  |  |  |
| 5                | 16QAM      | 1       | 0         | 14.92                 | 14.82                  | 14.80                  |                    |          |  |  |  |  |
| 5                | 16QAM      | 1       | 12        | 14.78                 | 14.64                  | 14.74                  | 16                 | 1        |  |  |  |  |
| 5                | 16QAM      | 1       | 24        | 15.06                 | 14.89                  | 14.89                  |                    |          |  |  |  |  |
| 5                | 16QAM      | 12      | 0         | 13.95                 | 13.75                  | 13.71                  | 15                 | 2        |  |  |  |  |
| 5                | 16QAM      | 12      | 13        | 13.85                 | 13.66                  | 13.65                  |                    |          |  |  |  |  |
| 5                | 16QAM      | 25      | 0         | 13.97                 | 13.75                  | 13.68                  | 15                 | 2        |  |  |  |  |
| 5                | 16QAM      | 25      | 0         | 13.97                 | 13.75                  | 13.68                  |                    |          |  |  |  |  |
| 5                | 16QAM      | 1       | 12        | 13.78                 | 13.84                  | 13.81                  | 15                 | 2        |  |  |  |  |
| 5                | 16QAM      | 1       | 24        | 13.86                 | 13.73                  | 13.77                  |                    |          |  |  |  |  |
| 5                | 16QAM      | 12      | 7         | 12.93                 | 12.71                  | 12.68                  | 14                 | 3        |  |  |  |  |
| 5                | 16QAM      | 12      | 13        | 12.85                 | 12.68                  | 12.64                  |                    |          |  |  |  |  |
| 5                | 16QAM      | 25      | 0         | 12.98                 | 12.71                  | 12.66                  | 14                 | 3        |  |  |  |  |
| 5                | 16QAM      | 25      | 0         | 12.98                 | 12.71                  | 12.66                  |                    |          |  |  |  |  |
| Channel          |            |         |           |                       |                        |                        |                    |          |  |  |  |  |
| Frequency (MHz)  |            |         |           |                       |                        |                        |                    |          |  |  |  |  |
| 3                | QPSK       | 1       | 0         | 15.61                 | 15.42                  | 15.31                  | 17                 | 0        |  |  |  |  |
| 3                | QPSK       | 1       | 8         | 15.44                 | 15.44                  | 15.42                  |                    |          |  |  |  |  |
| 3                | QPSK       | 1       | 14        | 15.57                 | 15.40                  | 15.30                  | 16                 | 1        |  |  |  |  |
| 3                | QPSK       | 8       | 0         | 14.95                 | 14.75                  | 14.68                  |                    |          |  |  |  |  |
| 3                | QPSK       | 8       | 4         | 14.96                 | 14.77                  | 14.77                  | 16                 | 1        |  |  |  |  |
| 3                | QPSK       | 8       | 7         | 14.94                 | 14.73                  | 14.71                  |                    |          |  |  |  |  |
| 3                | QPSK       | 15      | 0         | 14.90                 | 14.71                  | 14.65                  | 16                 | 1        |  |  |  |  |
| 3                | 16QAM      | 1       | 0         | 14.89                 | 14.73                  | 14.67                  |                    |          |  |  |  |  |
| 3                | 16QAM      | 1       | 8         | 14.96                 | 14.76                  | 14.75                  | 16                 | 1        |  |  |  |  |
| 3                | 16QAM      | 1       | 14        | 14.91                 | 14.74                  | 14.71                  |                    |          |  |  |  |  |
| 3                | 16QAM      | 8       | 0         | 13.70                 | 13.49                  | 13.46                  | 15                 | 2        |  |  |  |  |
| 3                | 16QAM      | 8       | 4         | 13.73                 | 13.52                  | 13.52                  |                    |          |  |  |  |  |
| 3                | 16QAM      | 8       | 7         | 13.69                 | 13.47                  | 13.45                  | 15                 | 2        |  |  |  |  |
| 3                | 16QAM      | 15      | 0         | 13.94                 | 13.81                  | 13.80                  |                    |          |  |  |  |  |
| 3                | 16QAM      | 1       | 0         | 13.81                 | 13.61                  | 13.59                  | 15                 | 2        |  |  |  |  |
| 3                | 16QAM      | 1       | 14        | 13.71                 | 13.58                  | 13.62                  |                    |          |  |  |  |  |
| 3                | 16QAM      | 8       | 0         | 12.91                 | 12.72                  | 12.69                  | 14                 | 3        |  |  |  |  |
| 3                | 16QAM      | 8       | 4         | 12.96                 | 12.77                  | 12.78                  |                    |          |  |  |  |  |
| 3                | 16QAM      | 8       | 7         | 12.92                 | 12.74                  | 12.69                  | 14                 | 3        |  |  |  |  |
| 3                | 16QAM      | 35      | 0         | 12.87                 | 12.68                  | 12.65                  |                    |          |  |  |  |  |
| Channel          |            |         |           |                       |                        |                        |                    |          |  |  |  |  |
| Frequency (MHz)  |            |         |           |                       |                        |                        |                    |          |  |  |  |  |
| 1.4              | QPSK       | 1       | 0         | 15.46                 | 15.53                  | 15.50                  | 17                 | 0        |  |  |  |  |
| 1.4              | QPSK       | 1       | 5         | 15.56                 | 15.52                  | 15.51                  |                    |          |  |  |  |  |
| 1.4              | QPSK       | 3       | 0         | 15.48                 | 15.57                  | 15.58                  | 16                 | 1        |  |  |  |  |
| 1.4              | QPSK       | 3       | 1         | 15.49                 | 15.63                  | 15.61                  |                    |          |  |  |  |  |
| 1.4              | QPSK       | 3       | 3         | 15.38                 | 15.36                  | 15.60                  | 16                 | 1        |  |  |  |  |
| 1.4              | QPSK       | 6       | 0         | 14.77                 | 14.60                  | 14.55                  |                    |          |  |  |  |  |
| 1.4              | 16QAM      | 1       | 0         | 14.77                 | 14.67                  | 14.67                  | 16                 | 1        |  |  |  |  |
| 1.4              | 16QAM      | 1       | 14        | 14.91                 | 14.83                  | 14.84                  |                    |          |  |  |  |  |
| 1.4              | 16QAM      | 1       | 5         | 14.79                 | 14.84                  | 14.82                  | 16                 | 1        |  |  |  |  |
| 1.4              | 16QAM      | 3       | 0         | 14.83                 | 14.61                  | 14.60                  |                    |          |  |  |  |  |
| 1.4              | 16QAM      | 3       | 1         | 14.87                 | 14.67                  | 14.67                  | 15                 | 2        |  |  |  |  |
| 1.4              | 16QAM      | 3       | 3         | 14.80                 | 14.68                  | 14.68                  |                    |          |  |  |  |  |
| 1.4              | 16QAM      | 6       | 0         | 13.94                 | 13.68                  | 13.64                  | 15                 | 2        |  |  |  |  |
| 1.4              | 16QAM      | 1       | 0         | 13.94                 | 13.70                  | 13.69                  |                    |          |  |  |  |  |
| 1.4              | 16QAM      | 1       | 3         | 14.03                 | 13.74                  | 13.83                  | 15                 | 2        |  |  |  |  |
| 1.4              | 16QAM      | 3       | 1         | 13.97                 | 13.67                  | 13.67                  |                    |          |  |  |  |  |
| 1.4              | 16QAM      | 3       | 3         | 13.87                 | 13.65                  | 13.63                  | 15                 | 2        |  |  |  |  |
| 1.4              | 16QAM      | 3       | 3         | 13.91                 | 13.71                  | 13.70                  |                    |          |  |  |  |  |
| 1.4              | 16QAM      | 3       | 3         | 13.87                 | 13.69                  | 13.69                  | 14                 | 3        |  |  |  |  |
| 1.4              | 16QAM      | 3       | 3         | 13.92                 | 13.72                  | 13.72                  |                    |          |  |  |  |  |

## Reduced Power Mode for Hotspot on

| GSM1900         |  | Burst Average Power (dBm) |       |        | Tune-up Limit (dBm) | Frame-Average Power (dBm) |       |        | Tune-up Limit (dBm) |
|-----------------|--|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
| TX Channel      |  | 512                       | 661   | 810    |                     | 512                       | 661   | 810    |                     |
| Frequency (MHz) |  | 1850.2                    | 1880  | 1909.8 | 25.00               | 1850.2                    | 1880  | 1909.8 | 16.00               |
| GSM 1 Tx slot   |  | 23.70                     | 23.61 | 23.54  | 25.00               | 14.70                     | 14.61 | 14.54  | 16.00               |
| GPRS 1 Tx slot  |  | 24.02                     | 23.99 | 23.92  | 25.00               | 15.02                     | 14.99 | 14.92  | 16.00               |
| GPRS 2 Tx slots |  | 22.68                     | 22.69 | 22.63  | 23.50               | 16.68                     | 16.69 | 16.63  | 17.50               |
| GPRS 3 Tx slots |  | 21.06                     | 21.07 | 21.05  | 21.50               | 16.80                     | 16.81 | 16.79  | 17.24               |
| GPRS 4 Tx slots |  | 19.47                     | 19.59 | 19.53  | 19.50               | 16.47                     | 16.59 | 16.53  | 16.50               |
| EDGE 1 Tx slot  |  | 19.90                     | 19.99 | 19.97  | 21.50               | 10.90                     | 10.99 | 10.97  | 12.50               |
| EDGE 2 Tx slots |  | 18.17                     | 18.17 | 18.20  | 20.00               | 12.17                     | 12.17 | 12.20  | 14.00               |
| EDGE 3 Tx slots |  | 16.42                     | 16.43 | 16.47  | 18.00               | 12.16                     | 12.17 | 12.21  | 13.74               |
| EDGE 4 Tx slots |  | 14.63                     | 14.67 | 14.66  | 16.00               | 11.63                     | 11.67 | 11.66  | 13.00               |

| Band            |                         | WCDMA II |       |        | Tune-up Limit (dBm) | WCDMA IV |        |        | Tune-up Limit (dBm) |
|-----------------|-------------------------|----------|-------|--------|---------------------|----------|--------|--------|---------------------|
| TX Channel      |                         | 9262     | 9400  | 9538   |                     | 1312     | 1413   | 1513   |                     |
| Rx Channel      |                         | 9662     | 9800  | 9938   | 15.00               | 1537     | 1638   | 1738   | 16.00               |
| Frequency (MHz) |                         | 1852.4   | 1880  | 1907.6 | 15.00               | 1712.4   | 1732.6 | 1752.6 | 16.00               |
| 3GPP Rel 99     | AMR 12.2Kbps            | 13.24    | 13.29 | 13.26  | 15.00               | 14.34    | 14.42  | 14.39  | 16.00               |
| 3GPP Rel 99     | RMC 12.2Kbps            | 13.28    | 13.35 | 13.27  | 15.00               | 14.37    | 14.44  | 14.41  | 16.00               |
| 3GPP Rel 6      | HSDPA Subtest-1         | 12.26    | 12.33 | 12.21  | 14.00               | 13.31    | 13.38  | 13.38  | 15.00               |
| 3GPP Rel 6      | HSDPA Subtest-2         | 12.27    | 12.33 | 12.25  | 14.00               | 13.34    | 13.41  | 13.37  | 15.00               |
| 3GPP Rel 6      | HSDPA Subtest-3         | 11.85    | 11.92 | 11.81  | 13.50               | 12.93    | 12.99  | 12.95  | 14.50               |
| 3GPP Rel 6      | HSDPA Subtest-4         | 11.87    | 11.94 | 11.81  | 13.50               | 12.94    | 13.00  | 12.96  | 14.50               |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 12.27    | 12.33 | 12.26  | 14.00               | 13.35    | 13.38  | 13.35  | 15.00               |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 12.25    | 12.31 | 12.24  | 14.00               | 13.33    | 13.39  | 13.34  | 15.00               |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 11.82    | 11.94 | 11.85  | 13.50               | 12.91    | 12.99  | 12.98  | 14.50               |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 11.83    | 11.89 | 11.83  | 13.50               | 12.93    | 13.00  | 12.96  | 14.50               |
| 3GPP Rel 6      | HSUPA Subtest-1         | 12.24    | 12.35 | 12.24  | 14.00               | 13.32    | 13.40  | 13.36  | 15.00               |
| 3GPP Rel 6      | HSUPA Subtest-2         | 10.25    | 10.30 | 10.27  | 12.00               | 11.46    | 11.57  | 11.53  | 13.00               |
| 3GPP Rel 6      | HSUPA Subtest-3         | 11.24    | 11.31 | 11.22  | 13.00               | 12.36    | 12.46  | 12.43  | 14.00               |
| 3GPP Rel 6      | HSUPA Subtest-4         | 10.25    | 10.34 | 10.22  | 12.00               | 11.49    | 11.57  | 11.50  | 13.00               |
| 3GPP Rel 6      | HSUPA Subtest-5         | 12.22    | 12.32 | 12.25  | 14.00               | 13.36    | 13.40  | 13.38  | 15.00               |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 9.83     | 9.94  | 9.86   | 11.50               | 10.92    | 10.99  | 10.99  | 12.50               |

| Band 2 Hotspot on |            |         |           |                               |                               |                               |                           |             |  |  |  |  |
|-------------------|------------|---------|-----------|-------------------------------|-------------------------------|-------------------------------|---------------------------|-------------|--|--|--|--|
| BW (MHz)          | Modulation | RB Size | RB Offset | Power<br>Ch./F/Freq.<br>18750 | Power<br>Ch./F/Freq.<br>18850 | Power<br>Ch./F/Freq.<br>19150 | Turn-on<br>time<br>(s/Hz) | MPR<br>(dB) |  |  |  |  |
| Channel           |            |         |           |                               |                               |                               |                           |             |  |  |  |  |
| Frequency (MHz)   |            |         |           |                               |                               |                               |                           |             |  |  |  |  |
| 20                | QPSK       | 1       | 0         | 13.48                         | 13.53                         | 13.37                         | 15                        | 0           |  |  |  |  |
| 20                | QPSK       | 1       | 49        | 13.59                         | 13.64                         | 13.61                         |                           |             |  |  |  |  |
| 20                | QPSK       | 1       | 99        | 13.42                         | 13.44                         | 13.33                         |                           |             |  |  |  |  |
| 20                | QPSK       | 50      | 0         | 12.81                         | 12.85                         | 12.81                         | 14                        | 1           |  |  |  |  |
| 20                | QPSK       | 50      | 24        | 12.75                         | 12.68                         | 12.60                         |                           |             |  |  |  |  |
| 20                | QPSK       | 50      | 50        | 12.75                         | 12.57                         | 12.41                         |                           |             |  |  |  |  |
| 20                | QPSK       | 100     | 0         | 12.67                         | 12.69                         | 12.59                         | 14                        | 1           |  |  |  |  |
| 20                | 16QAM      | 1       | 0         | 13.07                         | 12.85                         | 12.73                         |                           |             |  |  |  |  |
| 20                | 16QAM      | 1       | 49        | 12.50                         | 12.52                         | 12.55                         |                           |             |  |  |  |  |
| 20                | 16QAM      | 1       | 99        | 12.60                         | 12.70                         | 12.71                         | 13                        | 2           |  |  |  |  |
| 20                | 16QAM      | 50      | 0         | 11.90                         | 11.75                         | 11.58                         |                           |             |  |  |  |  |
| 20                | 16QAM      | 50      | 24        | 11.60                         | 11.66                         | 11.58                         |                           |             |  |  |  |  |
| 20                | 16QAM      | 50      | 50        | 11.71                         | 11.59                         | 11.38                         | 13                        | 2           |  |  |  |  |
| 20                | 16QAM      | 100     | 0         | 11.79                         | 11.64                         | 11.58                         |                           |             |  |  |  |  |
| 20                | 16QAM      | 1       | 0         | 11.98                         | 11.73                         | 11.58                         |                           |             |  |  |  |  |
| 20                | 16QAM      | 1       | 49        | 11.64                         | 11.90                         | 11.82                         | 12                        | 3           |  |  |  |  |
| 20                | 16QAM      | 1       | 99        | 11.63                         | 11.53                         | 11.52                         |                           |             |  |  |  |  |
| 20                | 16QAM      | 50      | 0         | 10.77                         | 10.74                         | 10.56                         |                           |             |  |  |  |  |
| 20                | 16QAM      | 50      | 24        | 10.82                         | 10.74                         | 10.58                         | 12                        | 3           |  |  |  |  |
| 20                | 16QAM      | 50      | 50        | 10.72                         | 10.54                         | 10.37                         |                           |             |  |  |  |  |
| 20                | 16QAM      | 100     | 0         | 10.70                         | 10.66                         | 10.49                         |                           |             |  |  |  |  |
| Channel           |            |         |           |                               |                               |                               |                           |             |  |  |  |  |
| Frequency (MHz)   |            |         |           |                               |                               |                               |                           |             |  |  |  |  |
| 15                | QPSK       | 1       | 0         | 13.47                         | 13.55                         | 13.44                         | 15                        | 0           |  |  |  |  |
| 15                | QPSK       | 1       | 37        | 13.45                         | 13.58                         | 13.57                         |                           |             |  |  |  |  |
| 15                | QPSK       | 1       | 74        | 13.50                         | 13.42                         | 13.44                         |                           |             |  |  |  |  |
| 15                | QPSK       | 36      | 0         | 12.67                         | 12.81                         | 12.46                         | 14                        | 1           |  |  |  |  |
| 15                | QPSK       | 36      | 20        | 12.65                         | 12.47                         | 12.41                         |                           |             |  |  |  |  |
| 15                | QPSK       | 36      | 40        | 12.67                         | 12.63                         | 12.52                         |                           |             |  |  |  |  |
| 15                | QPSK       | 75      | 0         | 12.61                         | 12.47                         | 12.37                         | 14                        | 1           |  |  |  |  |
| 15                | 16QAM      | 1       | 0         | 12.68                         | 12.59                         | 12.63                         |                           |             |  |  |  |  |
| 15                | 16QAM      | 1       | 37        | 12.50                         | 12.59                         | 12.61                         |                           |             |  |  |  |  |
| 15                | 16QAM      | 1       | 74        | 12.74                         | 12.56                         | 12.63                         | 14                        | 1           |  |  |  |  |
| 15                | 16QAM      | 36      | 0         | 11.61                         | 11.46                         | 11.40                         |                           |             |  |  |  |  |
| 15                | 16QAM      | 36      | 20        | 11.59                         | 11.45                         | 11.38                         |                           |             |  |  |  |  |
| 15                | 16QAM      | 36      | 40        | 11.56                         | 11.40                         | 11.28                         | 13                        | 2           |  |  |  |  |
| 15                | 16QAM      | 75      | 0         | 11.60                         | 11.43                         | 11.37                         |                           |             |  |  |  |  |
| 15                | 16QAM      | 1       | 0         | 11.48                         | 11.56                         | 11.48                         |                           |             |  |  |  |  |
| 15                | 16QAM      | 1       | 37        | 11.52                         | 11.73                         | 11.66                         | 13                        | 2           |  |  |  |  |
| 15                | 16QAM      | 1       | 74        | 11.50                         | 11.62                         | 11.45                         |                           |             |  |  |  |  |
| 15                | 16QAM      | 36      | 0         | 10.50                         | 10.86                         | 10.58                         |                           |             |  |  |  |  |
| 15                | 16QAM      | 36      | 20        | 10.79                         | 10.85                         | 10.55                         | 12                        | 3           |  |  |  |  |
| 15                | 16QAM      | 36      | 40        | 10.79                         | 10.85                         | 10.55                         |                           |             |  |  |  |  |
| 15                | 16QAM      | 75      | 0         | 10.78                         | 10.85                         | 10.55                         |                           |             |  |  |  |  |
| Channel           |            |         |           |                               |                               |                               |                           |             |  |  |  |  |
| Frequency (MHz)   |            |         |           |                               |                               |                               |                           |             |  |  |  |  |
| 10                | QPSK       | 1       | 0         | 13.58                         | 13.55                         | 13.43                         | 15                        | 0           |  |  |  |  |
| 10                | QPSK       | 1       | 25        | 13.59                         | 13.64                         | 13.64                         |                           |             |  |  |  |  |
| 10                | QPSK       | 1       | 49        | 13.60                         | 13.46                         | 13.47                         |                           |             |  |  |  |  |
| 10                | QPSK       | 25      | 0         | 12.65                         | 12.69                         | 12.67                         | 14                        | 1           |  |  |  |  |
| 10                | QPSK       | 25      | 12        | 12.62                         | 12.63                         | 12.53                         |                           |             |  |  |  |  |
| 10                | QPSK       | 25      | 25        | 12.62                         | 12.63                         | 12.51                         |                           |             |  |  |  |  |
| 10                | QPSK       | 50      | 0         | 12.80                         | 12.86                         | 12.58                         | 14                        | 1           |  |  |  |  |
| 10                | 16QAM      | 1       | 0         | 13.14                         | 12.91                         | 12.81                         |                           |             |  |  |  |  |
| 10                | 16QAM      | 1       | 25        | 13.15                         | 12.91                         | 12.83                         |                           |             |  |  |  |  |
| 10                | 16QAM      | 1       | 49        | 13.01                         | 12.87                         | 12.87                         | 13                        | 2           |  |  |  |  |
| 10                | 16QAM      | 25      | 0         | 11.84                         | 11.67                         | 11.65                         |                           |             |  |  |  |  |
| 10                | 16QAM      | 25      | 12        | 11.79                         | 11.64                         | 11.55                         |                           |             |  |  |  |  |
| 10                | 16QAM      | 25      | 25        | 11.79                         | 11.62                         | 11.49                         | 13                        | 2           |  |  |  |  |
| 10                | 16QAM      | 50      | 0         | 11.80                         | 11.65                         | 11.57                         |                           |             |  |  |  |  |
| 10                | 16QAM      | 1       | 0         | 11.66                         | 11.49                         | 11.34                         |                           |             |  |  |  |  |
| 10                | 16QAM      | 1       | 49        | 11.67                         | 11.57                         | 11.48                         | 12                        | 3           |  |  |  |  |
| 10                | 16QAM      | 1       | 49        | 11.61                         | 11.42                         | 11.42                         |                           |             |  |  |  |  |
| 10                | 16QAM      | 25      | 0         | 10.81                         | 10.68                         | 10.64                         |                           |             |  |  |  |  |
| 10                | 16QAM      | 25      | 12        | 10.81                         | 10.64                         | 10.55                         | 12                        | 3           |  |  |  |  |
| 10                | 16QAM      | 25      | 25        | 10.80                         | 10.60                         | 10.50                         |                           |             |  |  |  |  |
| 10                | 16QAM      | 50      | 0         | 10.78                         | 10.64                         | 10.57                         |                           |             |  |  |  |  |
| Channel           |            |         |           |                               |                               |                               |                           |             |  |  |  |  |
| Frequency (MHz)   |            |         |           |                               |                               |                               |                           |             |  |  |  |  |
| 5                 | QPSK       | 1       | 0         | 13.63                         | 13.50                         | 13.39                         | 15                        | 0           |  |  |  |  |
| 5                 | QPSK       | 1       | 12        | 13.62                         | 13.76                         | 13.66                         |                           |             |  |  |  |  |
| 5                 | QPSK       | 1       | 24        | 13.58                         | 13.44                         | 13.41                         |                           |             |  |  |  |  |
| 5                 | QPSK       | 12      | 0         | 12.52                         | 12.65                         | 12.58                         | 14                        | 1           |  |  |  |  |
| 5                 | QPSK       | 12      | 7         | 12.52                         | 12.59                         | 12.54                         |                           |             |  |  |  |  |
| 5                 | QPSK       | 12      | 13        | 12.78                         | 12.63                         | 12.59                         |                           |             |  |  |  |  |
| 5                 | QPSK       | 25      | 0         | 12.61                         | 12.65                         | 12.59                         | 14                        | 1           |  |  |  |  |
| 5                 | 16QAM      | 1       | 0         | 12.76                         | 12.81                         | 12.81                         |                           |             |  |  |  |  |
| 5                 | 16QAM      | 1       | 12        | 12.56                         | 12.86                         | 12.86                         |                           |             |  |  |  |  |
| 5                 | 16QAM      | 1       | 24        | 12.76                         | 12.59                         | 12.57                         | 14                        | 1           |  |  |  |  |
| 5                 | 16QAM      | 1       | 49        | 11.80                         | 11.67                         | 11.60                         |                           |             |  |  |  |  |
| 5                 | 16QAM      | 12      | 7         | 11.80                         | 11.67                         | 11.60                         |                           |             |  |  |  |  |
| 5                 | 16QAM      | 12      | 13        | 11.77                         | 11.58                         | 11.56                         | 13                        | 2           |  |  |  |  |
| 5                 | 16QAM      | 25      | 0         | 11.82                         | 11.64                         | 11.59                         |                           |             |  |  |  |  |
| 5                 | 16QAM      | 25      | 12        | 11.87                         | 11.66                         | 11.62                         |                           |             |  |  |  |  |
| 5                 | 16QAM      | 1       | 0         | 11.68                         | 11.59                         | 11.50                         | 13                        | 2           |  |  |  |  |
| 5                 | 16QAM      | 1       | 24        | 11.84                         | 11.64                         | 11.63                         |                           |             |  |  |  |  |
| 5                 | 16QAM      | 1       | 49        | 11.65                         | 11.59                         | 11.56                         |                           |             |  |  |  |  |
| 5                 | 16QAM      | 12      | 7         | 10.82                         | 10.84                         | 10.59                         | 12                        | 3           |  |  |  |  |
| 5                 | 16QAM      | 12      | 13        | 10.78                         | 10.67                         | 10.53                         |                           |             |  |  |  |  |
| 5                 | 16QAM      | 25      | 0         | 10.81                         | 10.62                         | 10.58                         |                           |             |  |  |  |  |
| Channel           |            |         |           |                               |                               |                               |                           |             |  |  |  |  |
| Frequency (MHz)   |            |         |           |                               |                               |                               |                           |             |  |  |  |  |
| 3                 | QPSK       | 1       | 0         | 13.65                         | 13.50                         | 13.48                         | 15                        | 0           |  |  |  |  |
| 3                 | QPSK       | 1       | 8         | 13.75                         | 13.55                         | 13.54                         |                           |             |  |  |  |  |
| 3                 | QPSK       | 1       | 14        | 13.68                         | 13.54                         | 13.48                         |                           |             |  |  |  |  |
| 3                 | QPSK       | 8       | 0         | 12.81                         | 12.83                         | 12.57                         | 14                        | 1           |  |  |  |  |
| 3                 | QPSK       | 8       | 4         | 12.83                         | 12.89                         | 12.85                         |                           |             |  |  |  |  |
| 3                 | QPSK       | 8       | 7         | 12.79                         | 12.83                         | 12.59                         |                           |             |  |  |  |  |
| 3                 | QPSK       | 15      | 0         | 12.79                         | 12.81                         | 12.66                         | 14                        | 1           |  |  |  |  |
| 3                 | 16QAM      | 1       | 0         | 12.77                         | 12.89                         | 12.87                         |                           |             |  |  |  |  |
| 3                 | 16QAM      | 1       | 8         | 13.10                         | 12.93                         | 12.95                         |                           |             |  |  |  |  |
| 3                 | 16QAM      | 1       | 14        | 11.96                         | 11.80                         | 11.62                         | 13                        | 2           |  |  |  |  |
| 3                 | 16QAM      | 8       | 0         | 11.68                         | 11.66                         | 11.62                         |                           |             |  |  |  |  |
| 3                 | 16QAM      | 8       | 4         | 11.90                         | 11.49                         | 11.68                         |                           |             |  |  |  |  |
| 3                 | 16QAM      | 8       | 7         | 11.66                         | 11.66                         | 11.66                         | 13                        | 2           |  |  |  |  |
| 3                 | 16QAM      | 15      | 0         | 11.80                         | 11.80                         | 11.55                         |                           |             |  |  |  |  |
| 3                 | 16QAM      | 1       | 0         | 11.64                         | 11.74                         | 11.65                         |                           |             |  |  |  |  |
| 3                 | 16QAM      | 1       | 8         | 11.85                         | 11.78                         | 11.78                         | 13                        | 2           |  |  |  |  |
| 3                 | 16QAM      | 1       | 14        | 11.59                         | 11.73                         | 11.74                         |                           |             |  |  |  |  |
| 3                 | 16QAM      | 8       | 0         | 10.81                         | 10.84                         | 10.58                         |                           |             |  |  |  |  |
| 3                 | 16QAM      | 8       | 4         | 10.85                         | 10.87                         | 10.84                         | 12                        | 3           |  |  |  |  |
| 3                 | 16QAM      | 8       | 7         | 10.81                         | 10.82                         | 10.60                         |                           |             |  |  |  |  |
| 3                 | 16QAM      | 15      | 0         | 10.76                         | 10.59                         | 10.50                         |                           |             |  |  |  |  |
| Channel           |            |         |           |                               |                               |                               |                           |             |  |  |  |  |
| Frequency (MHz)   |            |         |           |                               |                               |                               |                           |             |  |  |  |  |
| 1.4               | QPSK       | 1       | 0         | 13.65                         | 13.50                         | 13.48                         | 15                        | 0           |  |  |  |  |
| 1.4               | QPSK       | 1       | 5         | 13.65                         | 13.65                         | 13.60                         |                           |             |  |  |  |  |
| 1.4               | QPSK       | 1       | 5         | 13.71                         | 13.51                         | 13.48                         |                           |             |  |  |  |  |
| 1.4               | QPSK       | 3       | 0         | 13.62                         | 13.59                         | 13.57                         | 14                        | 1           |  |  |  |  |
| 1.4               | QPSK       | 3       | 1         | 13.64                         | 13.68                         | 13.62                         |                           |             |  |  |  |  |
| 1.4               | QPSK       | 3       | 3         | 13.79                         | 13.61                         | 13.59                         |                           |             |  |  |  |  |
| 1.4               | QPSK       | 6       | 0         | 12.83                         | 12.86                         | 12.59                         | 14                        | 1           |  |  |  |  |
| 1.4               | 16QAM      | 1       | 0         | 13.03                         | 12.88                         | 12.84                         |                           |             |  |  |  |  |
| 1.4               | 16QAM      | 1       | 14        | 13.06                         | 12.93                         | 12.94                         |                           |             |  |  |  |  |
| 1.4               | 16QAM      | 1       | 5         | 13.07                         | 12.86                         | 12.87                         | 14                        | 1           |  |  |  |  |
| 1.4               | 16QAM      | 3       | 0         | 12.84                         | 12.85                         | 12.84                         |                           |             |  |  |  |  |
| 1.4               | 16QAM      | 3       | 12        | 12.84                         | 12.76                         | 12.78                         |                           |             |  |  |  |  |
| 1.4               | 16QAM      | 3       | 13        | 12.84                         | 12.76                         | 12.78                         | 14                        | 1           |  |  |  |  |
| 1.4               | 16QAM      | 6       | 0         | 12.84                         | 12.85                         | 12.84                         |                           |             |  |  |  |  |
| 1.4               | 16QAM      | 6       | 0         | 12.94                         | 12.74                         | 12.68                         |                           |             |  |  |  |  |
| 1.4               | 16QAM      | 6       | 0         | 12.97                         | 12.74                         | 12.68                         | 14                        | 1           |  |  |  |  |
| 1.4               | 16QAM      | 6       | 0         | 11.90                         | 11.72                         | 11.68                         |                           |             |  |  |  |  |
| 1.4               | 16QAM      | 1       | 0         | 11.85                         | 11.73                         | 11.66                         |                           |             |  |  |  |  |
| 1.4               | 16QAM      | 1       | 3         | 11.56                         | 11.68                         | 11.78                         | 13                        | 2           |  |  |  |  |
| 1.4               | 16QAM      | 1       | 3         | 11.52                         | 11.68                         | 11.78                         |                           |             |  |  |  |  |
| 1.4               | 16QAM      | 3       | 1         | 11.89                         | 11.65                         | 11.63                         |                           |             |  |  |  |  |
| 1.4               | 16QAM      | 3       | 1         | 11.98                         | 11.71                         | 11.71                         | 13                        | 2           |  |  |  |  |
| 1.4               | 16QAM      | 3       | 1         | 11.90                         | 11.68                         | 11.68                         |                           |             |  |  |  |  |
| 1.4               | 16QAM      | 3       | 1         | 11.90                         | 11.68                         | 11.68                         |                           |             |  |  |  |  |
| 1.4               | 16QAM      | 3       | 1         | 11.90                         | 11.68                         | 11.68                         | 12                        | 3           |  |  |  |  |
| 1.4               | 16QAM      | 3       | 1         | 11.90                         | 11.68                         | 11.68                         |                           |             |  |  |  |  |
| 1.4               | 16QAM      | 3       | 1         | 11.90                         | 11.68                         | 11.68                         |                           |             |  |  |  |  |

## Reduced Power Mode for Handheld on

| Band            |                         | WCDMA II |       |        | Tune-up<br>Limit<br>(dBm) | WCDMA IV |        |        | Tune-up<br>Limit<br>(dBm) |
|-----------------|-------------------------|----------|-------|--------|---------------------------|----------|--------|--------|---------------------------|
| TX Channel      |                         | 9262     | 9400  | 9538   |                           | 1312     | 1413   | 1513   |                           |
| Rx Channel      |                         | 9662     | 9800  | 9938   |                           | 1537     | 1638   | 1738   |                           |
| Frequency (MHz) |                         | 1852.4   | 1880  | 1907.5 |                           | 1712.4   | 1732.6 | 1752.6 |                           |
| 3GPP Rel 99     | AMR 12.2Kbps            | 18.61    | 18.81 | 18.67  | 20.50                     | 19.77    | 19.86  | 19.83  | 21.50                     |
| 3GPP Rel 99     | RMC 12.2Kbps            | 18.63    | 18.83 | 18.66  | 20.50                     | 19.81    | 19.93  | 19.86  | 21.50                     |
| 3GPP Rel 6      | HSDPA Subtest-1         | 17.65    | 17.83 | 17.66  | 19.50                     | 18.77    | 18.89  | 18.81  | 20.50                     |
| 3GPP Rel 6      | HSDPA Subtest-2         | 17.65    | 17.85 | 17.67  | 19.50                     | 18.80    | 18.91  | 18.79  | 20.50                     |
| 3GPP Rel 6      | HSDPA Subtest-3         | 17.16    | 17.35 | 17.18  | 19.00                     | 18.35    | 18.51  | 18.39  | 20.00                     |
| 3GPP Rel 6      | HSDPA Subtest-4         | 17.18    | 17.39 | 17.18  | 19.00                     | 18.36    | 18.50  | 18.43  | 20.00                     |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 17.63    | 17.86 | 17.69  | 19.50                     | 18.79    | 18.86  | 18.82  | 20.50                     |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 17.64    | 17.84 | 17.68  | 19.50                     | 18.74    | 18.89  | 18.83  | 20.50                     |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 17.14    | 17.39 | 17.17  | 19.00                     | 18.39    | 18.46  | 18.44  | 20.00                     |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 17.13    | 17.38 | 17.17  | 19.00                     | 18.36    | 18.50  | 18.41  | 20.00                     |
| 3GPP Rel 6      | HSUPA Subtest-1         | 17.66    | 17.86 | 17.70  | 19.50                     | 18.76    | 18.90  | 18.82  | 20.50                     |
| 3GPP Rel 6      | HSUPA Subtest-2         | 15.63    | 15.84 | 15.63  | 17.50                     | 16.80    | 16.95  | 16.86  | 18.50                     |
| 3GPP Rel 6      | HSUPA Subtest-3         | 16.65    | 16.81 | 16.64  | 18.50                     | 17.83    | 17.91  | 17.88  | 19.50                     |
| 3GPP Rel 6      | HSUPA Subtest-4         | 15.62    | 15.82 | 15.67  | 17.50                     | 16.79    | 16.94  | 16.85  | 18.50                     |
| 3GPP Rel 6      | HSUPA Subtest-5         | 17.64    | 17.88 | 17.71  | 19.50                     | 18.76    | 18.88  | 18.79  | 20.50                     |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 15.20    | 15.45 | 15.27  | 17.00                     | 16.40    | 16.56  | 16.44  | 18.00                     |



| Band 2 Handheld on |            |         |           |                                   |                                   |                                   |                            |             |  |  |  |  |  |  |  |  |
|--------------------|------------|---------|-----------|-----------------------------------|-----------------------------------|-----------------------------------|----------------------------|-------------|--|--|--|--|--|--|--|--|
| BW (MHz)           | Modulation | RB Slot | RB Offset | Power Level<br>Ch / Freq<br>18700 | Power Level<br>Ch / Freq<br>18800 | Power Level<br>Ch / Freq<br>19100 | Turn-on<br>time<br>(s/min) | MPR<br>(dB) |  |  |  |  |  |  |  |  |
| Channel            |            |         |           |                                   |                                   |                                   |                            |             |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 1       | 0         | 19.71                             | 19.79                             | 19.87                             | 21                         | 0           |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 1       | 49        | 19.98                             | 19.98                             | 19.94                             |                            |             |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 1       | 99        | 19.91                             | 19.92                             | 19.98                             |                            |             |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 50      | 0         | 18.84                             | 18.75                             | 18.84                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 50      | 24        | 18.54                             | 18.66                             | 18.62                             |                            |             |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 50      | 50        | 18.89                             | 18.57                             | 18.44                             |                            |             |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 100     | 0         | 18.91                             | 18.91                             | 18.91                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 100     | 0         | 19.00                             | 19.91                             | 18.83                             |                            |             |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 100     | 0         | 19.04                             | 19.10                             | 19.03                             |                            |             |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 1       | 49        | 19.98                             | 19.77                             | 19.82                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 50      | 0         | 17.87                             | 17.27                             | 17.64                             |                            |             |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 50      | 24        | 17.54                             | 17.89                             | 17.65                             |                            |             |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 50      | 50        | 17.78                             | 17.59                             | 17.48                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 100     | 0         | 17.99                             | 17.88                             | 17.53                             |                            |             |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 1       | 0         | 17.90                             | 17.79                             | 17.88                             |                            |             |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 1       | 49        | 17.85                             | 17.78                             | 17.90                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 1       | 99        | 17.86                             | 17.62                             | 17.85                             |                            |             |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 50      | 0         | 16.21                             | 16.33                             | 16.21                             |                            |             |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 50      | 24        | 16.03                             | 16.59                             | 16.36                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 50      | 50        | 16.24                             | 16.57                             | 16.44                             |                            |             |  |  |  |  |  |  |  |  |
| 20                 | QPSK       | 100     | 0         | 16.55                             | 16.68                             | 16.55                             |                            |             |  |  |  |  |  |  |  |  |
| Channel            |            |         |           |                                   |                                   |                                   |                            |             |  |  |  |  |  |  |  |  |
| Frequency (MHz)    |            |         |           |                                   |                                   |                                   |                            |             |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 1       | 0         | 19.64                             | 19.73                             | 19.80                             | 21                         | 0           |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 1       | 97        | 19.52                             | 19.62                             | 19.59                             |                            |             |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 1       | 99        | 19.29                             | 19.31                             | 19.37                             |                            |             |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 36      | 20        | 18.40                             | 18.58                             | 18.57                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 36      | 39        | 18.63                             | 18.51                             | 18.39                             |                            |             |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 36      | 39        | 18.63                             | 18.40                             | 18.34                             |                            |             |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 75      | 0         | 18.90                             | 18.82                             | 18.48                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 75      | 0         | 19.00                             | 18.86                             | 18.78                             |                            |             |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 75      | 0         | 19.01                             | 19.03                             | 19.08                             |                            |             |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 1       | 97        | 19.51                             | 19.63                             | 19.58                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 1       | 74        | 18.94                             | 18.72                             | 18.78                             |                            |             |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 36      | 20        | 17.83                             | 17.73                             | 17.59                             |                            |             |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 36      | 20        | 17.47                             | 17.62                             | 17.61                             | 18                         | 3           |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 75      | 0         | 16.94                             | 16.72                             | 16.78                             |                            |             |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 75      | 0         | 17.08                             | 17.62                             | 17.47                             |                            |             |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 1       | 0         | 17.85                             | 17.72                             | 17.61                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 1       | 97        | 17.78                             | 17.66                             | 17.86                             |                            |             |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 36      | 20        | 16.18                             | 16.26                             | 16.17                             |                            |             |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 36      | 20        | 16.27                             | 16.84                             | 16.61                             | 20                         | 2           |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 75      | 0         | 15.98                             | 16.00                             | 16.50                             |                            |             |  |  |  |  |  |  |  |  |
| 15                 | QPSK       | 75      | 0         | 16.01                             | 16.84                             | 16.50                             |                            |             |  |  |  |  |  |  |  |  |
| Channel            |            |         |           |                                   |                                   |                                   |                            |             |  |  |  |  |  |  |  |  |
| Frequency (MHz)    |            |         |           |                                   |                                   |                                   |                            |             |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 1       | 0         | 19.86                             | 19.73                             | 19.63                             | 21                         | 0           |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 1       | 25        | 19.83                             | 19.82                             | 19.80                             |                            |             |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 1       | 49        | 19.67                             | 19.36                             | 19.30                             |                            |             |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 25      | 0         | 18.84                             | 18.70                             | 18.58                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 25      | 0         | 18.89                             | 18.80                             | 18.56                             |                            |             |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 25      | 25        | 18.64                             | 18.50                             | 18.38                             |                            |             |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 50      | 0         | 18.48                             | 18.61                             | 18.49                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 50      | 0         | 18.58                             | 18.61                             | 18.78                             |                            |             |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 50      | 25        | 18.90                             | 18.89                             | 18.87                             |                            |             |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 1       | 49        | 18.94                             | 18.73                             | 18.78                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 25      | 0         | 17.83                             | 17.73                             | 17.68                             |                            |             |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 25      | 25        | 17.73                             | 17.66                             | 17.43                             |                            |             |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 50      | 0         | 17.61                             | 17.65                             | 17.48                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 1       | 0         | 17.86                             | 17.74                             | 17.60                             |                            |             |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 1       | 49        | 17.80                             | 17.69                             | 17.69                             |                            |             |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 25      | 0         | 16.18                             | 16.30                             | 16.14                             | 18                         | 3           |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 25      | 25        | 16.20                             | 16.52                             | 16.39                             |                            |             |  |  |  |  |  |  |  |  |
| 10                 | QPSK       | 50      | 0         | 16.11                             | 16.62                             | 16.48                             |                            |             |  |  |  |  |  |  |  |  |
| Channel            |            |         |           |                                   |                                   |                                   |                            |             |  |  |  |  |  |  |  |  |
| Frequency (MHz)    |            |         |           |                                   |                                   |                                   |                            |             |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 1       | 0         | 19.86                             | 19.73                             | 19.63                             | 21                         | 0           |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 1       | 12        | 19.53                             | 19.64                             | 19.58                             |                            |             |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 1       | 24        | 19.56                             | 19.27                             | 19.31                             |                            |             |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 12      | 0         | 18.83                             | 18.71                             | 18.52                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 12      | 7         | 18.50                             | 18.62                             | 18.58                             |                            |             |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 12      | 13        | 18.66                             | 18.52                             | 18.40                             |                            |             |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 25      | 0         | 18.46                             | 18.62                             | 18.48                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 25      | 0         | 18.90                             | 18.80                             | 18.80                             |                            |             |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 25      | 25        | 18.68                             | 18.56                             | 18.36                             |                            |             |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 1       | 12        | 18.98                             | 18.76                             | 18.76                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 1       | 24        | 18.91                             | 18.91                             | 18.96                             |                            |             |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 1       | 49        | 18.90                             | 18.70                             | 17.86                             |                            |             |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 12      | 7         | 17.50                             | 17.66                             | 17.61                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 12      | 13        | 17.74                             | 17.55                             | 17.40                             |                            |             |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 25      | 0         | 17.87                             | 17.84                             | 17.47                             |                            |             |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 1       | 12        | 17.80                             | 17.72                             | 17.60                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 1       | 24        | 17.83                             | 17.58                             | 17.61                             |                            |             |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 1       | 49        | 17.86                             | 17.69                             | 17.67                             |                            |             |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 12      | 7         | 16.14                             | 16.29                             | 16.17                             | 18                         | 3           |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 12      | 13        | 16.16                             | 16.47                             | 16.34                             |                            |             |  |  |  |  |  |  |  |  |
| 5                  | QPSK       | 25      | 0         | 16.11                             | 16.62                             | 16.48                             |                            |             |  |  |  |  |  |  |  |  |
| Channel            |            |         |           |                                   |                                   |                                   |                            |             |  |  |  |  |  |  |  |  |
| Frequency (MHz)    |            |         |           |                                   |                                   |                                   |                            |             |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 1       | 0         | 19.87                             | 19.71                             | 19.62                             | 21                         | 0           |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 1       | 8         | 19.52                             | 19.63                             | 19.59                             |                            |             |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 1       | 14        | 19.98                             | 19.25                             | 19.30                             |                            |             |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 8       | 0         | 18.63                             | 18.71                             | 18.60                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 8       | 4         | 18.48                             | 18.61                             | 18.56                             |                            |             |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 8       | 7         | 18.93                             | 18.83                             | 18.57                             |                            |             |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 15      | 0         | 18.47                             | 18.59                             | 18.48                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 1       | 0         | 18.90                             | 18.86                             | 18.81                             |                            |             |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 1       | 8         | 18.90                             | 19.07                             | 18.99                             |                            |             |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 1       | 14        | 18.93                             | 18.71                             | 18.78                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 8       | 0         | 17.83                             | 17.70                             | 17.60                             |                            |             |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 8       | 4         | 17.48                             | 17.64                             | 17.60                             |                            |             |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 8       | 7         | 17.74                             | 17.58                             | 17.41                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 15      | 0         | 17.60                             | 17.82                             | 17.48                             |                            |             |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 1       | 0         | 17.86                             | 17.74                             | 17.60                             |                            |             |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 1       | 8         | 17.80                             | 17.60                             | 17.85                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 1       | 14        | 17.82                             | 17.56                             | 17.58                             |                            |             |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 8       | 0         | 16.29                             | 16.52                             | 16.38                             |                            |             |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 8       | 7         | 16.15                             | 16.54                             | 16.41                             | 20                         | 2           |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 15      | 0         | 16.21                             | 16.53                             | 16.40                             |                            |             |  |  |  |  |  |  |  |  |
| 3                  | QPSK       | 25      | 0         | 16.11                             | 16.64                             | 16.48                             |                            |             |  |  |  |  |  |  |  |  |
| Channel            |            |         |           |                                   |                                   |                                   |                            |             |  |  |  |  |  |  |  |  |
| Frequency (MHz)    |            |         |           |                                   |                                   |                                   |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 0         | 19.86                             | 19.73                             | 19.63                             | 21                         | 0           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 3         | 19.54                             | 19.64                             | 19.60                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 6         | 19.58                             | 19.27                             | 19.30                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 3       | 0         | 18.83                             | 18.71                             | 18.58                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 3       | 3         | 18.51                             | 18.60                             | 18.56                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 3       | 6         | 18.60                             | 18.50                             | 18.49                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 0         | 18.96                             | 18.86                             | 18.79                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 3         | 19.00                             | 19.03                             | 19.06                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 6         | 18.73                             | 18.79                             | 18.81                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 3         | 18.90                             | 18.65                             | 18.80                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 6         | 18.93                             | 18.72                             | 18.72                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 9         | 18.96                             | 18.72                             | 18.62                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 3         | 17.82                             | 17.82                             | 17.84                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 6         | 17.86                             | 17.82                             | 17.84                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 9         | 17.89                             | 17.82                             | 17.84                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 3       | 0         | 17.15                             | 17.25                             | 17.17                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 3       | 3         | 17.30                             | 17.30                             | 17.33                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 3       | 6         | 17.19                             | 17.52                             | 17.37                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 0         | 18.96                             | 18.86                             | 18.79                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 3         | 19.00                             | 19.03                             | 19.06                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 6         | 18.73                             | 18.79                             | 18.81                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 3         | 18.90                             | 18.65                             | 18.80                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 6         | 18.93                             | 18.72                             | 18.72                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 9         | 18.96                             | 18.72                             | 18.62                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 3         | 17.82                             | 17.82                             | 17.84                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 6         | 17.86                             | 17.82                             | 17.84                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 9         | 17.89                             | 17.82                             | 17.84                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 3       | 0         | 17.15                             | 17.25                             | 17.17                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 3       | 3         | 17.30                             | 17.30                             | 17.33                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 3       | 6         | 17.19                             | 17.52                             | 17.37                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 0         | 18.96                             | 18.86                             | 18.79                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 3         | 19.00                             | 19.03                             | 19.06                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 6         | 18.73                             | 18.79                             | 18.81                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 3         | 18.90                             | 18.65                             | 18.80                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 6         | 18.93                             | 18.72                             | 18.72                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 9         | 18.96                             | 18.72                             | 18.62                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 3         | 17.82                             | 17.82                             | 17.84                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 6         | 17.86                             | 17.82                             | 17.84                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 9         | 17.89                             | 17.82                             | 17.84                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 3       | 0         | 17.15                             | 17.25                             | 17.17                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 3       | 3         | 17.30                             | 17.30                             | 17.33                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 3       | 6         | 17.19                             | 17.52                             | 17.37                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 0         | 18.96                             | 18.86                             | 18.79                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 3         | 19.00                             | 19.03                             | 19.06                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 6         | 18.73                             | 18.79                             | 18.81                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 3         | 18.90                             | 18.65                             | 18.80                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 6         | 18.93                             | 18.72                             | 18.72                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 9         | 18.96                             | 18.72                             | 18.62                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 3         | 17.82                             | 17.82                             | 17.84                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 6         | 17.86                             | 17.82                             | 17.84                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 9         | 17.89                             | 17.82                             | 17.84                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 3       | 0         | 17.15                             | 17.25                             | 17.17                             | 19                         | 2           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 3       | 3         | 17.30                             | 17.30                             | 17.33                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 3       | 6         | 17.19                             | 17.52                             | 17.37                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 0         | 18.96                             | 18.86                             | 18.79                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 3         | 19.00                             | 19.03                             | 19.06                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 6         | 18.73                             | 18.79                             | 18.81                             |                            |             |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 3         | 18.90                             | 18.65                             | 18.80                             | 20                         | 1           |  |  |  |  |  |  |  |  |
| 1.4                | QPSK       | 1       | 6         | 18                                |                                   |                                   |                            |             |  |  |  |  |  |  |  |  |

## WLAN/Bluetooth Power

| 2.4GHz WLAN | Ant 3 Full Power<br>For Head<br>For Body-worn<br>For Hotspot |         |                 |                     |               |              |
|-------------|--------------------------------------------------------------|---------|-----------------|---------------------|---------------|--------------|
|             | Mode                                                         | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
|             | 802.11b 1Mbps                                                | 1       | 2412            | 18.80               | 20.00         | 100.00       |
|             |                                                              | 6       | 2437            | 18.50               | 20.00         |              |
|             |                                                              | 11      | 2462            | 18.60               | 20.00         |              |
|             | 802.11g 6Mbps                                                | 1       | 2412            | 15.90               | 17.50         | 96.68        |
|             |                                                              | 6       | 2437            | 18.50               | 20.00         |              |
|             |                                                              | 11      | 2462            | 16.60               | 18.00         |              |
|             | 802.11n-HT20 MCS0                                            | 1       | 2412            | 15.30               | 16.50         | 96.45        |
|             |                                                              | 6       | 2437            | 17.90               | 19.00         |              |
|             |                                                              | 11      | 2462            | 15.90               | 17.50         |              |

| 5.2GHz WLAN | Ant 3 Full Power    |         |                 |                     |               | Ant 3 For Head      |               | Ant 3 For Hotspot   |               | Ant 3 For Body-worn |               | Duty Cycle % |
|-------------|---------------------|---------|-----------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit |              |
|             | 802.11a 6Mbps       | 36      | 5180            | 16.62               | 18.00         | Not Required        | 15.50         | Not Required        | 17.00         | Not Required        | 18.00         | 96.88        |
|             |                     | 44      | 5220            | 17.63               | 19.00         |                     | 15.50         |                     | 17.00         |                     | 18.00         |              |
|             |                     | 48      | 5240            | 17.66               | 19.00         |                     | 15.50         |                     | 17.00         |                     | 18.00         |              |
|             |                     | 36      | 5180            | 16.55               | 18.00         |                     | 15.50         |                     | 17.00         |                     | 18.00         | 96.68        |
|             |                     | 44      | 5220            | 17.50               | 19.00         |                     | 15.50         |                     | 17.00         |                     | 18.00         |              |
|             |                     | 48      | 5240            | 17.58               | 19.00         |                     | 15.50         |                     | 17.00         |                     | 18.00         |              |
|             | 802.11n-HT20 MCS0   | 38      | 5190            | 13.90               | 15.50         | Not Required        | 15.50         | 13.90               | 15.50         | 13.90               | 15.50         | 93.52        |
|             |                     | 46      | 5230            | 17.53               | 19.00         |                     | 15.50         |                     | 17.00         |                     | 18.00         |              |
|             | 802.11ac-VHT20 MCS0 | 36      | 5180            | 16.50               | 18.00         | Not Required        | 15.50         | Not Required        | 17.00         | Not Required        | 18.00         | 96.70        |
|             |                     | 44      | 5220            | 17.46               | 19.00         |                     | 15.50         |                     | 17.00         |                     | 18.00         |              |
|             |                     | 48      | 5240            | 17.54               | 19.00         |                     | 15.50         |                     | 17.00         |                     | 18.00         |              |
|             | 802.11ac-VHT40 MCS0 | 38      | 5190            | 13.82               | 15.50         | Not Required        | 15.50         | Not Required        | 15.50         | Not Required        | 15.50         | 93.36        |
|             |                     | 46      | 5230            | 17.47               | 19.00         |                     | 15.50         |                     | 17.00         |                     | 18.00         |              |
|             | 802.11ac-VHT80 MCS0 | 42      | 5210            | 13.99               | 15.50         | 13.99               | 15.50         |                     | 15.50         |                     | 15.50         | 87.79        |

| 5.3GHz WLAN | Ant 3 Full Power For Handheld |         |                 |                     |               | Ant 3 For Head      |               | Ant 3 For Body-worn |               |              |
|-------------|-------------------------------|---------|-----------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                          | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
|             | 802.11a 6Mbps                 | 52      | 5260            | 17.60               | 19.00         | Not Required        | 15.50         | Not Required        | 17.00         | 96.88        |
|             |                               | 60      | 5300            | 17.58               | 19.00         |                     | 15.50         |                     | 17.00         |              |
|             |                               | 64      | 5320            | 14.78               | 16.00         |                     | 15.50         |                     | 16.00         |              |
|             | 802.11n-HT20 MCS0             | 52      | 5260            | 17.48               | 19.00         |                     | 15.50         |                     | 17.00         | 96.68        |
|             |                               | 60      | 5300            | 17.57               | 19.00         |                     | 15.50         |                     | 17.00         |              |
|             |                               | 64      | 5320            | 15.52               | 17.00         |                     | 15.50         |                     | 17.00         |              |
|             | 802.11n-HT40 MCS0             | 54      | 5270            | 17.55               | 19.00         | Not Required        | 15.50         | 15.75               | 17.00         | 93.52        |
|             |                               | 62      | 5310            | 14.33               | 16.00         |                     | 15.50         |                     | 16.00         |              |
|             | 802.11ac-VHT20 MCS0           | 52      | 5260            | 17.43               | 19.00         | Not Required        | 15.50         | Not Required        | 17.00         | 96.70        |
|             |                               | 60      | 5300            | 17.52               | 19.00         |                     | 15.50         |                     | 17.00         |              |
|             |                               | 64      | 5320            | 15.42               | 17.00         |                     | 15.50         |                     | 17.00         |              |
|             | 802.11ac-VHT40 MCS0           | 54      | 5270            | 17.49               | 19.00         | Not Required        | 15.50         | Not Required        | 17.00         | 93.36        |
|             |                               | 62      | 5310            | 14.30               | 16.00         |                     | 15.50         |                     | 16.00         |              |
|             | 802.11ac-VHT80 MCS0           | 58      | 5290            | 14.03               | 15.50         | 14.03               | 15.50         |                     | 15.50         | 87.79        |

| 5.5GHz WLAN | Ant 3 Full Power For Handheld |         |                 |                     |               | Ant 3 For Head      |               | Ant 3 For Body-worn |               |              |
|-------------|-------------------------------|---------|-----------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                          | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
|             | 802.11a 6Mbps                 | 100     | 5500            | 17.28               | 18.50         | Not Required        | 16.50         | Not Required        | 16.00         | 96.88        |
|             |                               | 116     | 5580            | 17.66               | 19.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 124     | 5620            | 17.53               | 19.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 132     | 5660            | 17.58               | 19.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 140     | 5700            | 16.21               | 17.50         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 144     | 5720            | 17.70               | 19.00         |                     | 16.50         |                     | 16.00         |              |
|             | 802.11n-HT20 MCS0             | 100     | 5500            | 15.55               | 17.00         |                     | 16.50         |                     | 16.00         | 96.68        |
|             |                               | 116     | 5580            | 17.53               | 19.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 124     | 5620            | 17.47               | 19.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 132     | 5660            | 17.52               | 19.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 140     | 5700            | 15.44               | 17.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 144     | 5720            | 17.51               | 19.00         |                     | 16.50         |                     | 16.00         |              |
|             | 802.11n-HT40 MCS0             | 102     | 5510            | 14.96               | 16.50         |                     | 16.50         |                     | 16.00         | 93.52        |
|             |                               | 110     | 5550            | 17.61               | 19.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 126     | 5630            | 17.52               | 19.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 134     | 5670            | 16.68               | 18.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 142     | 5710            | 17.60               | 19.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 100     | 5500            | 15.45               | 17.00         |                     | 16.50         |                     | 16.00         |              |
|             | 802.11ac-VHT20 MCS0           | 116     | 5580            | 17.47               | 19.00         |                     | 16.50         |                     | 16.00         | 96.70        |
|             |                               | 124     | 5620            | 17.43               | 19.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 132     | 5660            | 17.49               | 19.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 140     | 5700            | 15.25               | 17.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 144     | 5720            | 17.45               | 19.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 102     | 5510            | 14.92               | 16.50         |                     | 16.50         |                     | 16.00         |              |
|             | 802.11ac-VHT40 MCS0           | 110     | 5550            | 17.55               | 19.00         |                     | 16.50         |                     | 16.00         | 93.36        |
|             |                               | 126     | 5630            | 17.49               | 19.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 134     | 5670            | 16.65               | 18.00         |                     | 16.50         |                     | 16.00         |              |
|             |                               | 142     | 5710            | 17.54               | 19.00         |                     | 16.50         |                     | 16.00         |              |
|             | 802.11ac-VHT80 MCS0           | 106     | 5530            | 14.47               | 16.00         | 14.47               | 16.00         | 14.47               | 16.00         | 87.79        |
|             |                               | 122     | 5610            | 17.43               | 19.00         | 14.80               | 16.50         | 14.13               | 16.00         |              |
|             |                               | 138     | 5690            | 17.54               | 19.00         | 14.92               | 16.50         | 14.51               | 16.00         |              |

| 5.8GHz WLAN | Ant 3 Full Power For Body-worn |         |                 |                     |               | Ant 3 For Head      |               | Ant 3 For Hotspot   |               | Duty Cycle % |
|-------------|--------------------------------|---------|-----------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                           | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit |              |
|             | 802.11a 6Mbps                  | 149     | 5745            | 17.76               | 19.00         | Not Required        | 16.50         | Not Required        | 18.00         | 96.88        |
|             |                                | 157     | 5785            | 17.71               | 19.00         |                     | 16.50         |                     | 18.00         |              |
|             |                                | 165     | 5825            | 17.77               | 19.00         |                     | 16.50         |                     | 18.00         |              |
|             | 802.11n-HT20 MCS0              | 149     | 5745            | 17.67               | 19.00         |                     | 16.50         |                     | 18.00         | 96.68        |
|             |                                | 157     | 5785            | 17.63               | 19.00         |                     | 16.50         |                     | 18.00         |              |
|             |                                | 165     | 5825            | 17.70               | 19.00         |                     | 16.50         |                     | 18.00         |              |
|             | 802.11n-HT40 MCS0              | 151     | 5755            | 17.66               | 19.00         |                     | 16.50         |                     | 18.00         | 93.52        |
|             |                                | 159     | 5795            | 17.68               | 19.00         |                     | 16.50         |                     | 18.00         |              |
|             |                                | 149     | 5745            | 17.64               | 19.00         |                     | 16.50         |                     | 18.00         |              |
|             | 802.11ac-VHT20 MCS0            | 157     | 5785            | 17.58               | 19.00         |                     | 16.50         |                     | 18.00         | 96.70        |
|             |                                | 165     | 5825            | 17.66               | 19.00         |                     | 16.50         |                     | 18.00         |              |
|             |                                | 151     | 5755            | 17.62               | 19.00         |                     | 16.50         |                     | 18.00         |              |
|             | 802.11ac-VHT40 MCS0            | 159     | 5795            | 17.66               | 19.00         |                     | 16.50         |                     | 18.00         | 93.36        |
|             |                                | 155     | 5775            | 17.66               | 19.00         | 15.50               | 16.50         | 17.34               | 18.00         |              |
|             | 802.11ac-VHT80 MCS0            | 155     | 5775            | 17.66               | 19.00         | 15.50               | 16.50         | 17.34               | 18.00         | 87.79        |

#### BT BR/EDR

| Mode          | Channel | Frequency (MHz) | Average power (dBm) |       |       |
|---------------|---------|-----------------|---------------------|-------|-------|
|               |         |                 | 1Mbps               | 2Mbps | 3Mbps |
| BR / EDR      | CH 00   | 2402            | 9.80                | 7.40  | 7.40  |
|               | CH 39   | 2441            | 10.00               | 7.50  | 7.50  |
|               | CH 78   | 2480            | 10.00               | 7.80  | 7.80  |
| Tune-up Limit |         |                 | 11                  | 8.5   | 8.5   |

#### BT LE

| Mode          | Channel | Frequency (MHz) | Average power (dBm) |
|---------------|---------|-----------------|---------------------|
|               |         |                 | GFSK                |
| LE            | CH 00   | 2402            | -2.90               |
|               | CH 19   | 2440            | -2.20               |
|               | CH 39   | 2480            | -3.20               |
| Tune-up Limit |         |                 | 0                   |

#### BT LE v5.0

| Mode          | Channel | Frequency (MHz) | Average power (dBm) |
|---------------|---------|-----------------|---------------------|
|               |         |                 | 1Mbps               |
| LE            | CH 00   | 2402            | -3.00               |
|               | CH 19   | 2440            | -2.30               |
|               | CH 39   | 2480            | -3.30               |
| Tune-up Limit |         |                 | 0                   |