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|-------|-----|--|----------|-------|---------|
| 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 | AAC | 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 | AAC | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)               | WLAN     | 8.32  | ± 9.6 % |
| 10423 | AAC | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)            | WLAN     | 8.47  | ± 9.6 % |
| 10424 | AAC | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)            | WLAN     | 8.40  | ± 9.6 % |
| 10425 | AAC | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)                | WLAN     | 8.41  | ± 9.6 % |
| 10426 | AAC | IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)              | WLAN     | 8.45  | ± 9.6 % |
| 10427 | AAC | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)             | WLAN     | 8.41  | ± 9.6 % |
| 10430 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)                           | LTE-FDD  | 8.28  | ± 9.6 % |
| 10431 | AAD | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)                          | LTE-FDD  | 8.38  | ± 9.6 % |
| 10432 | AAC | 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 | AAA | W-CDMA (BS Test Model 1, 64 DPCH)                          | WCDMA    | 8.60  | ± 9.6 % |
| 10435 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)              | LTE-TDD  | 7.82  | ± 9.6 % |
| 10447 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)             | LTE-FDD  | 7.56  | ± 9.6 % |
| 10448 | AAD | 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 | AAC | 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 | AAD | 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 | AAA | UMTS-FDD (DC-HSDPA)  | WCDMA    | 6.62  | ± 9.6 % |
| 10458 | AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers)                     | CDMA2000 | 6.55  | ± 9.6 % |
| 10459 | AAA | CDMA2000 (1xEV-DO, Rev. B, 3 carriers)                     | CDMA2000 | 8.25  | ± 9.6 % |
| 10460 | AAA | UMTS-FDD (WCDMA, AMR)                                      | WCDMA    | 2.39  | ± 9.6 % |
| 10461 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)             | LTE-TDD  | 7.82  | ± 9.6 % |
| 10462 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)           | LTE-TDD  | 8.30  | ± 9.6 % |
| 10463 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)           | LTE-TDD  | 8.56  | ± 9.6 % |
| 10464 | AAC | 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 | AAF | 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 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)             | LTE-TDD  | 8.56  | ± 9.6 % |
| 10470 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)              | LTE-TDD  | 7.82  | ± 9.6 % |
| 10471 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)            | LTE-TDD  | 8.32  | ± 9.6 % |
| 10472 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)            | LTE-TDD  | 8.57  | ± 9.6 % |
| 10473 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)              | LTE-TDD  | 7.82  | ± 9.6 % |
| 10474 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)            | LTE-TDD  | 8.32  | ± 9.6 % |
| 10475 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)            | LTE-TDD  | 8.57  | ± 9.6 % |
| 10477 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)            | LTE-TDD  | 8.32  | ± 9.6 % |
| 10478 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)            | LTE-TDD  | 8.57  | ± 9.6 % |
| 10479 | AAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)           | LTE-TDD  | 7.74  | ± 9.6 % |
| 10480 | AAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)         | LTE-TDD  | 8.18  | ± 9.6 % |
| 10481 | AAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)         | LTE-TDD  | 8.45  | ± 9.6 % |
| 10482 | AAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)             | LTE-TDD  | 7.71  | ± 9.6 % |
| 10483 | AAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)              | LTE-TDD  | 8.39  | ± 9.6 % |
| 10484 | AAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)           | LTE-TDD  | 8.47  | ± 9.6 % |
| 10485 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)             | LTE-TDD  | 7.59  | ± 9.6 % |
| 10486 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)           | LTE-TDD  | 8.38  | ± 9.6 % |
| 10487 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)           | LTE-TDD  | 8.60  | ± 9.6 % |
| 10488 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)            | LTE-TDD  | 7.70  | ± 9.6 % |

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

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|-------|-----|---|------|------|---------|
| 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 | 8.39 | ± 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 | AAD | IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)              | WLAN | 8.48 | ± 9.6 % |
| 10555 | AAD | IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)              | WLAN | 8.47 | ± 9.6 % |
| 10556 | AAD | IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)              | WLAN | 8.50 | ± 9.6 % |
| 10557 | AAD | IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)              | WLAN | 8.52 | ± 9.6 % |
| 10558 | AAD | IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)              | WLAN | 8.61 | ± 9.6 % |
| 10560 | AAD | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)              | WLAN | 8.73 | ± 9.6 % |
| 10561 | AAD | IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)              | WLAN | 8.56 | ± 9.6 % |
| 10562 | AAD | IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)              | WLAN | 8.69 | ± 9.6 % |
| 10563 | AAD | IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)              | WLAN | 8.77 | ± 9.6 % |
| 10564 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)  | WLAN | 8.25 | ± 9.6 % |
| 10565 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10566 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc) | WLAN | 8.13 | ± 9.6 % |
| 10567 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc) | WLAN | 8.00 | ± 9.6 % |
| 10568 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10569 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc) | WLAN | 8.10 | ± 9.6 % |
| 10570 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc) | WLAN | 8.30 | ± 9.6 % |
| 10571 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)       | WLAN | 1.99 | ± 9.6 % |
| 10572 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)       | WLAN | 1.99 | ± 9.6 % |
| 10573 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)     | WLAN | 1.98 | ± 9.6 % |
| 10574 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)      | WLAN | 1.98 | ± 9.6 % |
| 10575 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)  | WLAN | 8.59 | ± 9.6 % |
| 10576 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)  | WLAN | 8.60 | ± 9.6 % |
| 10577 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10578 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10579 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10580 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10581 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc) | WLAN | 8.35 | ± 9.6 % |
| 10582 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10583 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)       | WLAN | 8.59 | ± 9.6 % |
| 10584 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)       | WLAN | 8.60 | ± 9.6 % |
| 10585 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)      | WLAN | 8.70 | ± 9.6 % |
| 10586 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)      | WLAN | 8.49 | ± 9.6 % |
| 10587 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)      | WLAN | 8.36 | ± 9.6 % |
| 10588 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)      | WLAN | 8.76 | ± 9.6 % |
| 10589 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)      | WLAN | 8.35 | ± 9.6 % |
| 10590 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)      | WLAN | 8.67 | ± 9.6 % |
| 10591 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)           | WLAN | 8.63 | ± 9.6 % |
| 10592 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)           | WLAN | 8.79 | ± 9.6 % |
| 10593 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)           | WLAN | 8.64 | ± 9.6 % |
| 10594 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)           | WLAN | 8.74 | ± 9.6 % |
| 10595 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)           | WLAN | 8.74 | ± 9.6 % |
| 10596 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)           | WLAN | 8.71 | ± 9.6 % |
| 10597 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)           | WLAN | 8.72 | ± 9.6 % |
| 10598 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)           | WLAN | 8.50 | ± 9.6 % |
| 10599 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)           | WLAN | 8.79 | ± 9.6 % |
| 10600 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)           | WLAN | 8.88 | ± 9.6 % |
| 10601 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)           | WLAN | 8.82 | ± 9.6 % |
| 10602 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)           | WLAN | 8.94 | ± 9.6 % |
| 10603 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)           | WLAN | 9.03 | ± 9.6 % |
| 10604 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)           | WLAN | 8.76 | ± 9.6 % |

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|-------|-----|---|-----------|-------|---------|
| 10605 | AAC | 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 | AAD | IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)        | WLAN      | 8.83  | ± 9.6 % |
| 10637 | AAD | IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)        | WLAN      | 8.79  | ± 9.6 % |
| 10638 | AAD | IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)        | WLAN      | 8.86  | ± 9.6 % |
| 10639 | AAD | IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)        | WLAN      | 8.85  | ± 9.6 % |
| 10640 | AAD | IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)        | WLAN      | 8.98  | ± 9.6 % |
| 10641 | AAD | IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)        | WLAN      | 9.06  | ± 9.6 % |
| 10642 | AAD | IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)        | WLAN      | 9.06  | ± 9.6 % |
| 10643 | AAD | IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)        | WLAN      | 8.89  | ± 9.6 % |
| 10644 | AAD | IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)        | WLAN      | 9.05  | ± 9.6 % |
| 10645 | AAD | IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)        | WLAN      | 9.11  | ± 9.6 % |
| 10646 | AAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)  | LTE-TDD   | 11.96 | ± 9.6 % |
| 10647 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7) | LTE-TDD   | 11.96 | ± 9.6 % |
| 10648 | AAA | CDMA2000 (1x Advanced)                            | CDMA2000  | 3.45  | ± 9.6 % |
| 10652 | AAE | LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)    | LTE-TDD   | 6.91  | ± 9.6 % |
| 10653 | AAE | LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)   | LTE-TDD   | 7.42  | ± 9.6 % |
| 10654 | AAD | LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)   | LTE-TDD   | 6.96  | ± 9.6 % |
| 10655 | AAE | LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)   | LTE-TDD   | 7.21  | ± 9.6 % |
| 10658 | AAA | Pulse Waveform (200Hz, 10%)                       | Test      | 10.00 | ± 9.6 % |
| 10659 | AAA | Pulse Waveform (200Hz, 20%)                       | Test      | 6.99  | ± 9.6 % |
| 10660 | AAA | Pulse Waveform (200Hz, 40%)                       | Test      | 3.98  | ± 9.6 % |
| 10661 | AAA | Pulse Waveform (200Hz, 60%)                       | Test      | 2.22  | ± 9.6 % |
| 10662 | AAA | Pulse Waveform (200Hz, 80%)                       | Test      | 0.97  | ± 9.6 % |
| 10670 | AAA | Bluetooth Low Energy                              | Bluetooth | 2.19  | ± 9.6 % |
| 10671 | AAC | IEEE 802.11ax (20MHz, MCS0, 90pc dc)              | WLAN      | 9.09  | ± 9.6 % |
| 10672 | AAC | IEEE 802.11ax (20MHz, MCS1, 90pc dc)              | WLAN      | 8.57  | ± 9.6 % |

|       |     |                                       |      |      |         |
|-------|-----|---------------------------------------|------|------|---------|
| 10673 | AAC | IEEE 802.11ax (20MHz, MCS2, 90pc dc)  | WLAN | 8.78 | ± 9.6 % |
| 10674 | AAC | IEEE 802.11ax (20MHz, MCS3, 90pc dc)  | WLAN | 8.74 | ± 9.6 % |
| 10675 | AAC | IEEE 802.11ax (20MHz, MCS4, 90pc dc)  | WLAN | 8.90 | ± 9.6 % |
| 10676 | AAC | IEEE 802.11ax (20MHz, MCS5, 90pc dc)  | WLAN | 8.77 | ± 9.6 % |
| 10677 | AAC | IEEE 802.11ax (20MHz, MCS6, 90pc dc)  | WLAN | 8.73 | ± 9.6 % |
| 10678 | AAC | IEEE 802.11ax (20MHz, MCS7, 90pc dc)  | WLAN | 8.78 | ± 9.6 % |
| 10679 | AAC | IEEE 802.11ax (20MHz, MCS8, 90pc dc)  | WLAN | 8.89 | ± 9.6 % |
| 10680 | AAC | IEEE 802.11ax (20MHz, MCS9, 90pc dc)  | WLAN | 8.80 | ± 9.6 % |
| 10681 | AAC | IEEE 802.11ax (20MHz, MCS10, 90pc dc) | WLAN | 8.62 | ± 9.6 % |
| 10682 | AAC | IEEE 802.11ax (20MHz, MCS11, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10683 | AAC | 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 | AAC | IEEE 802.11ax (20MHz, MCS4, 99pc dc)  | WLAN | 8.45 | ± 9.6 % |
| 10688 | AAC | IEEE 802.11ax (20MHz, MCS5, 99pc dc)  | WLAN | 8.29 | ± 9.6 % |
| 10689 | AAC | IEEE 802.11ax (20MHz, MCS6, 99pc dc)  | WLAN | 8.55 | ± 9.6 % |
| 10690 | AAC | IEEE 802.11ax (20MHz, MCS7, 99pc dc)  | WLAN | 8.29 | ± 9.6 % |
| 10691 | AAC | IEEE 802.11ax (20MHz, MCS8, 99pc dc)  | WLAN | 8.25 | ± 9.6 % |
| 10692 | AAC | IEEE 802.11ax (20MHz, MCS9, 99pc dc)  | WLAN | 8.29 | ± 9.6 % |
| 10693 | AAC | IEEE 802.11ax (20MHz, MCS10, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10694 | AAC | IEEE 802.11ax (20MHz, MCS11, 99pc dc) | WLAN | 8.57 | ± 9.6 % |
| 10695 | AAC | IEEE 802.11ax (40MHz, MCS0, 90pc dc)  | WLAN | 8.78 | ± 9.6 % |
| 10696 | AAC | IEEE 802.11ax (40MHz, MCS1, 90pc dc)  | WLAN | 8.91 | ± 9.6 % |
| 10697 | AAC | IEEE 802.11ax (40MHz, MCS2, 90pc dc)  | WLAN | 8.61 | ± 9.6 % |
| 10698 | AAC | IEEE 802.11ax (40MHz, MCS3, 90pc dc)  | WLAN | 8.89 | ± 9.6 % |
| 10699 | AAC | IEEE 802.11ax (40MHz, MCS4, 90pc dc)  | WLAN | 8.82 | ± 9.6 % |
| 10700 | AAC | IEEE 802.11ax (40MHz, MCS5, 90pc dc)  | WLAN | 8.73 | ± 9.6 % |
| 10701 | AAC | IEEE 802.11ax (40MHz, MCS6, 90pc dc)  | WLAN | 8.86 | ± 9.6 % |
| 10702 | AAC | IEEE 802.11ax (40MHz, MCS7, 90pc dc)  | WLAN | 8.70 | ± 9.6 % |
| 10703 | AAC | IEEE 802.11ax (40MHz, MCS8, 90pc dc)  | WLAN | 8.82 | ± 9.6 % |
| 10704 | AAC | IEEE 802.11ax (40MHz, MCS9, 90pc dc)  | WLAN | 8.56 | ± 9.6 % |
| 10705 | AAC | 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 | AAE | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)     | 5G NR FR1 TDD | 7.99 | ± 9.6 % |
| 10768 | AAD | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10769 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10770 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10771 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10772 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.23 | ± 9.6 % |
| 10773 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.03 | ± 9.6 % |
| 10774 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)    | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10775 | AAD | 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)   | 5G NR FR1 TDD | 8.31 | ± 9.6 % |
| 10776 | AAD | 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 | AAD | 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 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.38 | ± 9.6 % |
| 10781 | AAD | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.38 | ± 9.6 % |
| 10782 | AAD | 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.43 | ± 9.6 % |
| 10783 | AAE | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.31 | ± 9.6 % |
| 10784 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.29 | ± 9.6 % |

|       |     |   |               |      |         |
|-------|-----|---|---------------|------|---------|
| 10785 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.40 | ± 9.6 % |
| 10786 | AAD | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10787 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.44 | ± 9.6 % |
| 10788 | AAD | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10789 | AAD | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10790 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)  | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10791 | AAE | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 7.83 | ± 9.6 % |
| 10792 | AAD | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.92 | ± 9.6 % |
| 10793 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.95 | ± 9.6 % |
| 10794 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.82 | ± 9.6 % |
| 10795 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.84 | ± 9.6 % |
| 10796 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.82 | ± 9.6 % |
| 10797 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10798 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.89 | ± 9.6 % |
| 10799 | AAD | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.93 | ± 9.6 % |
| 10801 | AAD | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.89 | ± 9.6 % |
| 10802 | AAD | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 7.87 | ± 9.6 % |
| 10803 | AAD | 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 | AAE | 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 | AAD | 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 | AAD | 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 | AAD | 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 | AAD | 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 | AAD | 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 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)        | 5G NR FR1 TDD | 5.66 | ± 9.6 % |
| 10898 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.67 | ± 9.6 % |
| 10899 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.67 | ± 9.6 % |
| 10900 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10901 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10902 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10903 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10904 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10905 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10906 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10907 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.78 | ± 9.6 % |
| 10908 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.93 | ± 9.6 % |
| 10909 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.96 | ± 9.6 % |
| 10910 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.83 | ± 9.6 % |
| 10911 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.93 | ± 9.6 % |
| 10912 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10913 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10914 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.85 | ± 9.6 % |
| 10915 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.83 | ± 9.6 % |
| 10916 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.87 | ± 9.6 % |
| 10917 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.94 | ± 9.6 % |
| 10918 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.86 | ± 9.6 % |
| 10919 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.86 | ± 9.6 % |
| 10920 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.87 | ± 9.6 % |
| 10921 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10922 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.82 | ± 9.6 % |



|       |     |   |               |       |         |
|-------|-----|---|---------------|-------|---------|
| 10923 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84  | ± 9.6 % |
| 10924 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84  | ± 9.6 % |
| 10925 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.95  | ± 9.6 % |
| 10926 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84  | ± 9.6 % |
| 10927 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.94  | ± 9.6 % |
| 10928 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)       | 5G NR FR1 FDD | 5.52  | ± 9.6 % |
| 10929 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.52  | ± 9.6 % |
| 10930 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.52  | ± 9.6 % |
| 10931 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51  | ± 9.6 % |
| 10932 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51  | ± 9.6 % |
| 10933 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51  | ± 9.6 % |
| 10934 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51  | ± 9.6 % |
| 10935 | AAD | 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 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.77  | ± 9.6 % |
| 10938 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.90  | ± 9.6 % |
| 10939 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.82  | ± 9.6 % |
| 10940 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.89  | ± 9.6 % |
| 10941 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.83  | ± 9.6 % |
| 10942 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.85  | ± 9.6 % |
| 10943 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.95  | ± 9.6 % |
| 10944 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.81  | ± 9.6 % |
| 10945 | AAC | 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 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.87  | ± 9.6 % |
| 10948 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.94  | ± 9.6 % |
| 10949 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.87  | ± 9.6 % |
| 10950 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.94  | ± 9.6 % |
| 10951 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.92  | ± 9.6 % |
| 10952 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)   | 5G NR FR1 FDD | 8.25  | ± 9.6 % |
| 10953 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 FDD | 8.15  | ± 9.6 % |
| 10954 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 FDD | 8.23  | ± 9.6 % |
| 10955 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 FDD | 8.42  | ± 9.6 % |
| 10956 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   | 5G NR FR1 FDD | 8.14  | ± 9.6 % |
| 10957 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 FDD | 8.31  | ± 9.6 % |
| 10958 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 FDD | 8.61  | ± 9.6 % |
| 10959 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 FDD | 8.33  | ± 9.6 % |
| 10960 | AAC | 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 | AAC | 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 % |
| 10978 | AAA | ULLA BDR  | ULLA          | 2.23  | ± 9.6 % |
| 10979 | AAA | ULLA HDR4   | ULLA          | 7.02  | ± 9.6 % |
| 10980 | AAA | ULLA HDR8   | ULLA          | 8.82  | ± 9.6 % |
| 10981 | AAA | ULLA HDRp4  | ULLA          | 1.50  | ± 9.6 % |
| 10982 | AAA | ULLA HDRp8  | ULLA          | 1.44  | ± 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.



Conducted Full Power for WWAN

| GSM850<br>TX Channel<br>Frequency (MHz) | Burst Average Power (dBm) |       |       | Tune-up<br>Limit<br>(dBm) | Frame-Average Power (dBm) |       |       | Tune-up<br>Limit<br>(dBm) |
|---|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|
|   | 128                       | 189   | 251   |                           | 128                       | 189   | 251   |                           |
|   | 824.2                     | 836.4 | 848.8 |                           | 824.2                     | 836.4 | 848.8 |                           |
| GSM 1 Tx slot                           | 32.21                     | 32.27 | 32.17 | 33.00                     | 23.21                     | 23.27 | 23.17 | 24.00                     |
| GPRS 1 Tx slot                          | 32.09                     | 32.08 | 32.02 | 33.00                     | 23.09                     | 23.08 | 23.02 | 24.00                     |
| GPRS 2 Tx slots                         | 31.19                     | 31.30 | 31.29 | 32.00                     | 25.19                     | 25.30 | 25.29 | 26.00                     |
| GPRS 3 Tx slots                         | 29.57                     | 29.80 | 29.66 | 30.50                     | 25.31                     | 25.54 | 25.40 | 26.24                     |
| GPRS 4 Tx slots                         | 28.54                     | 28.65 | 28.63 | 29.50                     | 25.54                     | 25.65 | 25.63 | 26.50                     |
| EDGE 1 Tx slot                          | 25.67                     | 25.80 | 26.00 | 27.00                     | 16.67                     | 16.80 | 17.00 | 18.00                     |
| EDGE 2 Tx slots                         | 24.14                     | 24.35 | 24.23 | 25.50                     | 18.14                     | 18.35 | 18.23 | 19.50                     |
| EDGE 3 Tx slots                         | 21.83                     | 22.02 | 21.90 | 23.00                     | 17.57                     | 17.76 | 17.64 | 18.74                     |
| EDGE 4 Tx slots                         | 20.57                     | 20.77 | 20.81 | 22.00                     | 17.57                     | 17.77 | 17.81 | 19.00                     |

| Band<br>TX Channel<br>Rx Channel<br>Frequency (MHz) | WCDMA V |       |       | Tune-up<br>Limit<br>(dBm) |
|---|---------|-------|-------|---------------------------|
|   | 4132    | 4182  | 4233  |                           |
|   | 4357    | 4407  | 4458  |                           |
|   | 826.4   | 836.4 | 846.6 |                           |
| 3GPP Rel 99 AMR 12.2Kbps                            | 23.30   | 23.38 | 23.20 | 24.00                     |
| 3GPP Rel 99 RMC 12.2Kbps                            | 23.42   | 23.45 | 23.32 | 24.00                     |
| 3GPP Rel 6 HSDPA Subtest-1                          | 22.24   | 22.39 | 22.22 | 23.00                     |
| 3GPP Rel 6 HSDPA Subtest-2                          | 22.62   | 22.54 | 22.28 | 23.00                     |
| 3GPP Rel 6 HSDPA Subtest-3                          | 21.94   | 22.27 | 21.89 | 22.50                     |
| 3GPP Rel 6 HSDPA Subtest-4                          | 21.74   | 22.07 | 21.79 | 22.50                     |
| 3GPP Rel 8 DC-HSDPA Subtest-1                       | 22.40   | 22.42 | 22.43 | 23.00                     |
| 3GPP Rel 8 DC-HSDPA Subtest-2                       | 22.08   | 22.32 | 22.42 | 23.00                     |
| 3GPP Rel 8 DC-HSDPA Subtest-3                       | 21.91   | 22.07 | 21.96 | 22.50                     |
| 3GPP Rel 8 DC-HSDPA Subtest-4                       | 21.70   | 22.05 | 22.07 | 22.50                     |
| 3GPP Rel 6 HSUPA Subtest-1                          | 22.16   | 22.54 | 22.31 | 23.00                     |
| 3GPP Rel 6 HSUPA Subtest-2                          | 20.54   | 20.36 | 20.19 | 21.00                     |
| 3GPP Rel 6 HSUPA Subtest-3                          | 21.42   | 21.63 | 21.62 | 22.00                     |
| 3GPP Rel 6 HSUPA Subtest-4                          | 20.43   | 20.53 | 20.39 | 21.00                     |
| 3GPP Rel 6 HSUPA Subtest-5                          | 22.54   | 22.60 | 22.37 | 23.00                     |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1                  | 19.95   | 20.02 | 19.97 | 20.50                     |

**Band 5**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power                  |                           |                         | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------|---------------------------|-------------------------|---------------------|----------|
|                 |            |         |           | Low Ch. / Freq. 2045.0 | Middle Ch. / Freq. 2052.5 | High Ch. / Freq. 2060.0 |                     |          |
| Channel         |            |         |           | 829                    | 838.5                     | 844                     |                     |          |
| Frequency (MHz) |            |         |           |                        |                           |                         |                     |          |
| 10              | QPSK       | 1       | 0         | 22.78                  | 22.82                     | 22.87                   | 24                  | 0        |
| 10              | QPSK       | 1       | 25        | 22.81                  | 22.74                     | 22.69                   |                     |          |
| 10              | QPSK       | 1       | 49        | 22.60                  | 22.68                     | 22.53                   |                     |          |
| 10              | QPSK       | 25      | 0         | 21.85                  | 21.90                     | 21.90                   | 23                  | 1        |
| 10              | QPSK       | 25      | 12        | 21.69                  | 21.82                     | 21.72                   |                     |          |
| 10              | QPSK       | 25      | 25        | 21.63                  | 21.74                     | 21.66                   |                     |          |
| 10              | QPSK       | 50      | 0         | 21.72                  | 21.86                     | 21.78                   | 23                  | 1        |
| 10              | 16QAM      | 1       | 0         | 21.86                  | 21.96                     | 21.81                   |                     |          |
| 10              | 16QAM      | 1       | 25        | 21.72                  | 21.82                     | 21.72                   |                     |          |
| 10              | 16QAM      | 1       | 49        | 20.81                  | 20.81                     | 20.82                   | 22                  | 2        |
| 10              | 16QAM      | 25      | 0         | 20.84                  | 20.92                     | 20.80                   |                     |          |
| 10              | 16QAM      | 25      | 12        | 20.78                  | 20.70                     | 20.71                   |                     |          |
| 10              | 16QAM      | 25      | 25        | 20.81                  | 20.72                     | 20.80                   | 22                  | 2        |
| 10              | 16QAM      | 50      | 0         | 20.80                  | 20.84                     | 20.74                   |                     |          |
| 10              | 64QAM      | 1       | 0         | 20.79                  | 20.94                     | 20.85                   |                     |          |
| 10              | 64QAM      | 1       | 25        | 20.81                  | 20.81                     | 20.82                   | 22                  | 2        |
| 10              | 64QAM      | 1       | 49        | 20.67                  | 20.68                     | 20.76                   |                     |          |
| 10              | 64QAM      | 25      | 0         | 19.78                  | 19.89                     | 19.85                   |                     |          |
| 10              | 64QAM      | 25      | 12        | 19.77                  | 19.73                     | 19.67                   | 21                  | 3        |
| 10              | 64QAM      | 25      | 25        | 19.76                  | 19.72                     | 19.75                   |                     |          |
| 10              | 64QAM      | 50      | 0         | 19.76                  | 19.83                     | 19.73                   |                     |          |
| Channel         |            |         |           | 20425                  | 20525                     | 20525                   | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           | 829.5                  | 838.5                     | 846.5                   |                     |          |
| 5               | QPSK       | 1       | 0         | 22.66                  | 22.78                     | 22.64                   | 24                  | 0        |
| 5               | QPSK       | 1       | 12        | 22.48                  | 22.69                     | 22.58                   |                     |          |
| 5               | QPSK       | 1       | 24        | 22.47                  | 22.54                     | 22.40                   |                     |          |
| 5               | QPSK       | 12      | 0         | 21.76                  | 21.81                     | 21.72                   | 23                  | 1        |
| 5               | QPSK       | 12      | 7         | 21.57                  | 21.79                     | 21.59                   |                     |          |
| 5               | QPSK       | 12      | 13        | 21.55                  | 21.67                     | 21.58                   |                     |          |
| 5               | QPSK       | 25      | 0         | 21.81                  | 21.71                     | 21.71                   | 23                  | 1        |
| 5               | 16QAM      | 1       | 0         | 21.73                  | 21.88                     | 21.70                   |                     |          |
| 5               | 16QAM      | 1       | 12        | 21.68                  | 21.72                     | 21.66                   |                     |          |
| 5               | 16QAM      | 1       | 24        | 21.73                  | 21.59                     | 21.63                   | 22                  | 2        |
| 5               | 16QAM      | 12      | 0         | 20.74                  | 20.82                     | 20.69                   |                     |          |
| 5               | 16QAM      | 12      | 7         | 20.67                  | 20.56                     | 20.63                   |                     |          |
| 5               | 16QAM      | 12      | 13        | 20.86                  | 20.57                     | 20.66                   | 22                  | 2        |
| 5               | 16QAM      | 25      | 0         | 20.68                  | 20.75                     | 20.62                   |                     |          |
| 5               | 64QAM      | 1       | 0         | 20.65                  | 20.89                     | 20.77                   |                     |          |
| 5               | 64QAM      | 1       | 12        | 20.69                  | 20.66                     | 20.79                   | 22                  | 2        |
| 5               | 64QAM      | 1       | 24        | 20.84                  | 20.59                     | 20.61                   |                     |          |
| 5               | 64QAM      | 12      | 0         | 19.74                  | 19.65                     | 19.71                   |                     |          |
| 5               | 64QAM      | 12      | 7         | 19.62                  | 19.59                     | 19.55                   | 21                  | 3        |
| 5               | 64QAM      | 12      | 13        | 19.65                  | 19.67                     | 19.62                   |                     |          |
| 5               | 64QAM      | 25      | 0         | 19.68                  | 19.77                     | 19.65                   |                     |          |
| Channel         |            |         |           | 20415                  | 20525                     | 20635                   | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           | 825.5                  | 838.5                     | 847.5                   |                     |          |
| 3               | QPSK       | 1       | 0         | 22.73                  | 22.68                     | 22.53                   | 24                  | 0        |
| 3               | QPSK       | 1       | 8         | 22.51                  | 22.67                     | 22.63                   |                     |          |
| 3               | QPSK       | 1       | 14        | 22.57                  | 22.62                     | 22.41                   |                     |          |
| 3               | QPSK       | 8       | 0         | 21.77                  | 21.67                     | 21.76                   | 23                  | 1        |
| 3               | QPSK       | 8       | 4         | 21.60                  | 21.73                     | 21.63                   |                     |          |
| 3               | QPSK       | 8       | 7         | 21.49                  | 21.70                     | 21.51                   |                     |          |
| 3               | QPSK       | 15      | 0         | 21.63                  | 21.75                     | 21.66                   | 23                  | 1        |
| 3               | 16QAM      | 1       | 0         | 21.82                  | 21.89                     | 21.72                   |                     |          |
| 3               | 16QAM      | 1       | 8         | 21.66                  | 21.70                     | 21.62                   |                     |          |
| 3               | 16QAM      | 1       | 14        | 21.72                  | 21.58                     | 21.80                   | 22                  | 2        |
| 3               | 16QAM      | 8       | 0         | 20.79                  | 20.87                     | 20.72                   |                     |          |
| 3               | 16QAM      | 8       | 4         | 20.71                  | 20.61                     | 20.61                   |                     |          |
| 3               | 16QAM      | 8       | 7         | 20.77                  | 20.63                     | 20.68                   | 22                  | 2        |
| 3               | 16QAM      | 15      | 0         | 20.77                  | 20.80                     | 20.63                   |                     |          |
| 3               | 64QAM      | 1       | 0         | 20.69                  | 20.79                     | 20.73                   |                     |          |
| 3               | 64QAM      | 1       | 8         | 20.75                  | 20.74                     | 20.75                   | 22                  | 2        |
| 3               | 64QAM      | 1       | 14        | 20.61                  | 20.54                     | 20.71                   |                     |          |
| 3               | 64QAM      | 8       | 0         | 19.64                  | 19.76                     | 19.72                   |                     |          |
| 3               | 64QAM      | 8       | 4         | 19.71                  | 19.67                     | 19.61                   | 21                  | 3        |
| 3               | 64QAM      | 8       | 7         | 19.87                  | 19.61                     | 19.70                   |                     |          |
| 3               | 64QAM      | 15      | 0         | 19.63                  | 19.78                     | 19.67                   |                     |          |
| Channel         |            |         |           | 20497                  | 20525                     | 20523                   | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           | 824.7                  | 838.5                     | 846.3                   |                     |          |
| 1.4             | QPSK       | 1       | 0         | 22.70                  | 22.71                     | 22.53                   | 24                  | 0        |
| 1.4             | QPSK       | 1       | 3         | 22.52                  | 22.64                     | 22.55                   |                     |          |
| 1.4             | QPSK       | 1       | 5         | 22.55                  | 22.58                     | 22.49                   |                     |          |
| 1.4             | QPSK       | 3       | 0         | 22.68                  | 22.77                     | 22.71                   | 23                  | 1        |
| 1.4             | QPSK       | 3       | 1         | 22.50                  | 22.63                     | 22.57                   |                     |          |
| 1.4             | QPSK       | 3       | 3         | 22.53                  | 22.54                     | 22.52                   |                     |          |
| 1.4             | QPSK       | 6       | 0         | 21.63                  | 21.62                     | 21.73                   | 23                  | 1        |
| 1.4             | 16QAM      | 1       | 0         | 21.75                  | 21.91                     | 21.73                   |                     |          |
| 1.4             | 16QAM      | 1       | 3         | 21.59                  | 21.68                     | 21.62                   |                     |          |
| 1.4             | 16QAM      | 1       | 5         | 21.69                  | 21.60                     | 21.61                   | 23                  | 1        |
| 1.4             | 16QAM      | 3       | 0         | 21.72                  | 21.84                     | 21.61                   |                     |          |
| 1.4             | 16QAM      | 3       | 1         | 21.60                  | 21.58                     | 21.59                   |                     |          |
| 1.4             | 16QAM      | 3       | 3         | 21.61                  | 21.54                     | 21.72                   | 22                  | 2        |
| 1.4             | 16QAM      | 6       | 0         | 20.75                  | 20.69                     | 20.71                   |                     |          |
| 1.4             | 64QAM      | 1       | 0         | 20.69                  | 20.67                     | 20.72                   |                     |          |
| 1.4             | 64QAM      | 1       | 3         | 20.74                  | 20.73                     | 20.79                   | 22                  | 2        |
| 1.4             | 64QAM      | 1       | 5         | 20.52                  | 20.62                     | 20.70                   |                     |          |
| 1.4             | 64QAM      | 3       | 0         | 20.67                  | 20.60                     | 20.69                   |                     |          |
| 1.4             | 64QAM      | 3       | 1         | 20.64                  | 20.56                     | 20.54                   | 21                  | 3        |
| 1.4             | 64QAM      | 3       | 3         | 20.56                  | 20.62                     | 20.64                   |                     |          |
| 1.4             | 64QAM      | 6       | 0         | 19.64                  | 19.75                     | 19.63                   |                     |          |

**Band 7**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power                  |                           |                         | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------|---------------------------|-------------------------|---------------------|----------|
|                 |            |         |           | Low Ch. / Freq. 2055.0 | Middle Ch. / Freq. 2100.0 | High Ch. / Freq. 2135.0 |                     |          |
| Channel         |            |         |           | 2059                   | 2100                      | 2135                    |                     |          |
| Frequency (MHz) |            |         |           | 2510                   | 2535                      | 2560                    |                     |          |
| 20              | QPSK       | 1       | 0         | 22.65                  | 22.84                     | 22.79                   | 24                  | 0        |
| 20              | QPSK       | 1       | 49        | 22.65                  | 22.72                     | 22.72                   |                     |          |
| 20              | QPSK       | 1       | 99        | 22.61                  | 22.60                     | 22.60                   |                     |          |
| 20              | QPSK       | 50      | 0         | 21.88                  | 21.83                     | 21.69                   | 23                  | 1        |
| 20              | QPSK       | 50      | 24        | 21.73                  | 21.79                     | 21.83                   |                     |          |
| 20              | QPSK       | 50      | 50        | 21.66                  | 21.80                     | 21.67                   |                     |          |
| 20              | QPSK       | 100     | 0         | 21.74                  | 21.77                     | 21.70                   | 23                  | 1        |
| 20              | 16QAM      | 1       | 0         | 21.63                  | 21.79                     | 21.71                   |                     |          |
| 20              | 16QAM      | 1       | 49        | 21.63                  | 21.60                     | 21.61                   |                     |          |
| 20              | 16QAM      | 1       | 99        | 21.63                  | 21.63                     | 21.63                   | 22                  | 2        |
| 20              | 16QAM      | 50      | 0         | 20.73                  | 20.77                     | 20.62                   |                     |          |
| 20              | 16QAM      | 50      | 24        | 20.60                  | 20.58                     | 20.52                   |                     |          |
| 20              | 16QAM      | 50      | 50        | 20.64                  | 20.72                     | 20.64                   | 22                  | 2        |
| 20              | 16QAM      | 100     | 0         | 20.65                  | 20.76                     | 20.70                   |                     |          |
| 20              | 64QAM      | 1       | 0         | 20.53                  | 20.63                     | 20.62                   |                     |          |
| 20              | 64QAM      | 1       | 49        | 20.46                  | 20.47                     | 20.38                   | 22                  | 2        |
| 20              | 64QAM      | 1       | 99        | 20.49                  | 20.48                     | 20.53                   |                     |          |
| 20              | 64QAM      | 50      | 0         | 19.85                  | 19.85                     | 19.71                   |                     |          |
| 20              | 64QAM      | 50      | 24        | 19.57                  | 19.60                     | 19.69                   | 21                  | 3        |
| 20              | 64QAM      | 50      | 50        | 19.73                  | 19.69                     | 19.66                   |                     |          |
| 20              | 64QAM      | 100     | 0         | 19.70                  | 19.78                     | 19.67                   |                     |          |
| Channel         |            |         |           | 20625                  | 21100                     | 21375                   | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           | 2507.5                 | 2535                      | 2562.5                  |                     |          |
| 15              | QPSK       | 1       | 0         | 22.54                  | 22.69                     | 22.67                   | 24                  | 0        |
| 15              | QPSK       | 1       | 37        | 22.57                  | 22.64                     | 22.58                   |                     |          |
| 15              | QPSK       | 1       | 74        | 22.56                  | 22.51                     | 22.46                   |                     |          |
| 15              | QPSK       | 36      | 0         | 21.58                  | 21.78                     | 21.63                   | 23                  | 1        |
| 15              | QPSK       | 36      | 20        | 21.63                  | 21.67                     | 21.55                   |                     |          |
| 15              | QPSK       | 36      | 39        | 21.61                  | 21.69                     | 21.53                   |                     |          |
| 15              | 16QAM      | 75      | 0         | 21.59                  | 21.72                     | 21.59                   | 23                  | 1        |
| 15              | 16QAM      | 1       | 0         | 21.57                  | 21.75                     | 21.59                   |                     |          |
| 15              | 16QAM      | 1       | 37        | 21.57                  | 21.51                     | 21.54                   |                     |          |
| 15              | 16QAM      | 1       | 74        | 21.51                  | 21.52                     | 21.57                   | 22                  | 2        |
| 15              | 16QAM      | 36      | 0         | 20.59                  | 20.71                     | 20.54                   |                     |          |
| 15              | 16QAM      | 36      | 20        | 20.50                  | 20.47                     | 20.38                   |                     |          |
| 15              | 16QAM      | 36      | 39        | 20.50                  | 20.59                     | 20.45                   | 22                  | 2        |
| 15              | 16QAM      | 75      | 0         | 20.51                  | 20.72                     | 20.55                   |                     |          |
| 15              | 64QAM      | 1       | 0         | 20.42                  | 20.55                     | 20.53                   |                     |          |
| 15              | 64QAM      | 1       | 37        | 20.34                  | 20.42                     | 20.43                   | 22                  | 2        |
| 15              | 64QAM      | 1       | 74        | 20.36                  | 20.41                     | 20.45                   |                     |          |
| 15              | 64QAM      | 36      | 0         | 19.57                  | 19.76                     | 19.69                   |                     |          |
| 15              | 64QAM      | 36      | 20        | 19.48                  | 19.56                     | 19.58                   | 21                  | 3        |
| 15              | 64QAM      | 36      | 39        | 19.63                  | 19.54                     | 19.60                   |                     |          |
| 15              | 64QAM      | 75      | 0         | 19.61                  | 19.73                     | 19.53                   |                     |          |
| Channel         |            |         |           | 20800                  | 21100                     | 21400                   | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           | 2505                   | 2535                      | 2565                    |                     |          |
| 10              | QPSK       | 1       | 0         | 22.54                  | 22.69                     | 22.64                   | 24                  | 0        |
| 10              | QPSK       | 1       | 25        | 22.53                  | 22.62                     | 22.66                   |                     |          |
| 10              | QPSK       | 1       | 49        | 22.51                  | 22.52                     | 22.45                   |                     |          |
| 10              | QPSK       | 25      | 0         | 21.60                  | 21.68                     | 21.59                   | 23                  | 1        |
| 10              | QPSK       | 25      | 12        | 21.67                  | 21.68                     | 21.54                   |                     |          |
| 10              | QPSK       | 25      | 25        | 21.54                  | 21.71                     | 21.66                   |                     |          |
| 10              | QPSK       | 50      | 0         | 21.84                  | 21.71                     | 21.65                   | 23                  | 1        |
| 10              | 16QAM      | 1       | 0         | 21.51                  | 21.72                     | 21.57                   |                     |          |
| 10              | 16QAM      | 1       | 25        | 21.53                  | 21.50                     | 21.53                   |                     |          |
| 10              | 16QAM      | 1       | 49        | 21.55                  | 21.49                     | 21.57                   | 22                  | 2        |
| 10              | 16QAM      | 25      | 0         | 20.58                  | 20.68                     | 20.56                   |                     |          |
| 10              | 16QAM      | 25      | 12        | 20.55                  | 20.52                     | 20.41                   |                     |          |
| 10              | 16QAM      | 25      | 25        | 20.50                  |                           |                         |                     |          |



| Band 38  |            |         |           |                            |                             |                                | Power<br>Low<br>Ch. / Freq.  | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |
|----------|------------|---------|-----------|----------------------------|-----------------------------|--------------------------------|------------------------------|--------------------------------|------------------------------|------------------------|-------------|
| BW [MHz] | Modulation | RB Size | RB Offset | Channel<br>Frequency (MHz) | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm)         | MPR<br>(dB)                  |                        |             |
|          |            |         |           | Channel                    | 37850                       | 38000                          | 38150                        |                                |                              |                        |             |
|          |            |         |           | Frequency (MHz)            | 2530                        | 2595                           | 2610                         |                                |                              |                        |             |
| 20       | QPSK       | 1       | 0         | 23.84                      | 23.76                       | 23.71                          |                              | 24                             | 0                            |                        |             |
| 20       | QPSK       | 1       | 49        | 23.57                      | 23.66                       | 23.66                          |                              | 23                             | 1                            |                        |             |
| 20       | QPSK       | 1       | 99        | 23.54                      | 23.58                       | 23.55                          |                              | 22                             | 2                            |                        |             |
| 20       | QPSK       | 50      | 0         | 22.65                      | 22.75                       | 22.64                          |                              | 21                             | 3                            |                        |             |
| 20       | QPSK       | 50      | 24        | 22.67                      | 22.74                       | 22.67                          |                              | 23                             | 1                            |                        |             |
| 20       | QPSK       | 50      | 50        | 22.57                      | 22.62                       | 22.53                          |                              | 23                             | 1                            |                        |             |
| 20       | QPSK       | 100     | 0         | 22.61                      | 22.70                       | 22.65                          |                              | 22                             | 2                            |                        |             |
| 20       | 16QAM      | 1       | 0         | 22.57                      | 22.54                       | 22.41                          |                              | 23                             | 1                            |                        |             |
| 20       | 16QAM      | 1       | 49        | 22.47                      | 22.33                       | 22.47                          |                              | 22                             | 2                            |                        |             |
| 20       | 16QAM      | 1       | 99        | 22.43                      | 22.45                       | 22.36                          |                              | 21                             | 3                            |                        |             |
| 20       | 16QAM      | 50      | 0         | 21.55                      | 21.63                       | 21.62                          |                              | 22                             | 2                            |                        |             |
| 20       | 16QAM      | 50      | 24        | 21.45                      | 21.43                       | 21.46                          |                              | 21                             | 3                            |                        |             |
| 20       | 16QAM      | 50      | 50        | 21.52                      | 21.53                       | 21.57                          |                              | 22                             | 2                            |                        |             |
| 20       | 16QAM      | 100     | 0         | 21.65                      | 21.75                       | 21.72                          |                              | 21                             | 3                            |                        |             |
| 20       | 64QAM      | 1       | 0         | 21.42                      | 21.49                       | 21.46                          |                              | 22                             | 2                            |                        |             |
| 20       | 64QAM      | 1       | 49        | 21.26                      | 21.33                       | 21.41                          |                              | 21                             | 3                            |                        |             |
| 20       | 64QAM      | 1       | 99        | 21.38                      | 21.35                       | 21.34                          |                              | 22                             | 2                            |                        |             |
| 20       | 64QAM      | 50      | 0         | 20.49                      | 20.66                       | 20.59                          |                              | 21                             | 3                            |                        |             |
| 20       | 64QAM      | 50      | 24        | 20.39                      | 20.50                       | 20.48                          |                              | 22                             | 2                            |                        |             |
| 20       | 64QAM      | 50      | 50        | 20.50                      | 20.46                       | 20.55                          |                              | 21                             | 3                            |                        |             |
| 20       | 64QAM      | 100     | 0         | 20.55                      | 20.76                       | 20.53                          |                              | 22                             | 2                            |                        |             |
|          |            |         |           | Channel                    | 37825                       | 38000                          | 38175                        |                                |                              |                        |             |
|          |            |         |           | Frequency (MHz)            | 2577.5                      | 2595                           | 2617.5                       |                                |                              |                        |             |
| 15       | QPSK       | 1       | 0         | 23.55                      | 23.73                       | 23.58                          |                              | 24                             | 0                            |                        |             |
| 15       | QPSK       | 1       | 37        | 23.49                      | 23.57                       | 23.52                          |                              | 23                             | 1                            |                        |             |
| 15       | QPSK       | 1       | 74        | 23.39                      | 23.51                       | 23.45                          |                              | 23                             | 1                            |                        |             |
| 15       | QPSK       | 36      | 0         | 22.50                      | 22.63                       | 22.60                          |                              | 23                             | 1                            |                        |             |
| 15       | QPSK       | 36      | 20        | 22.56                      | 22.64                       | 22.57                          |                              | 23                             | 1                            |                        |             |
| 15       | QPSK       | 36      | 39        | 22.47                      | 22.55                       | 22.47                          |                              | 23                             | 1                            |                        |             |
| 15       | QPSK       | 75      | 0         | 22.53                      | 22.61                       | 22.51                          |                              | 23                             | 1                            |                        |             |
| 15       | 16QAM      | 1       | 0         | 22.52                      | 22.48                       | 22.33                          |                              | 23                             | 1                            |                        |             |
| 15       | 16QAM      | 1       | 37        | 22.42                      | 22.25                       | 22.34                          |                              | 22                             | 2                            |                        |             |
| 15       | 16QAM      | 1       | 74        | 22.28                      | 22.34                       | 22.30                          |                              | 21                             | 3                            |                        |             |
| 15       | 16QAM      | 36      | 0         | 21.44                      | 21.52                       | 21.55                          |                              | 22                             | 2                            |                        |             |
| 15       | 16QAM      | 36      | 20        | 21.32                      | 21.36                       | 21.42                          |                              | 21                             | 3                            |                        |             |
| 15       | 16QAM      | 36      | 39        | 21.42                      | 21.40                       | 21.43                          |                              | 22                             | 2                            |                        |             |
| 15       | 16QAM      | 75      | 0         | 21.56                      | 21.64                       | 21.61                          |                              | 21                             | 3                            |                        |             |
| 15       | 64QAM      | 1       | 0         | 21.38                      | 21.36                       | 21.35                          |                              | 22                             | 2                            |                        |             |
| 15       | 64QAM      | 1       | 37        | 21.20                      | 21.21                       | 21.31                          |                              | 21                             | 3                            |                        |             |
| 15       | 64QAM      | 1       | 74        | 21.28                      | 21.32                       | 21.23                          |                              | 22                             | 2                            |                        |             |
| 15       | 64QAM      | 36      | 0         | 20.38                      | 20.60                       | 20.49                          |                              | 21                             | 3                            |                        |             |
| 15       | 64QAM      | 36      | 20        | 20.29                      | 20.43                       | 20.44                          |                              | 22                             | 2                            |                        |             |
| 15       | 64QAM      | 36      | 39        | 20.42                      | 20.39                       | 20.51                          |                              | 21                             | 3                            |                        |             |
| 15       | 64QAM      | 75      | 0         | 20.46                      | 20.73                       | 20.38                          |                              | 22                             | 2                            |                        |             |
|          |            |         |           | Channel                    | 37800                       | 38000                          | 38200                        |                                |                              |                        |             |
|          |            |         |           | Frequency (MHz)            | 25900                       | 2595                           | 2615                         |                                |                              |                        |             |
| 10       | QPSK       | 1       | 0         | 23.59                      | 23.75                       | 23.59                          |                              | 24                             | 0                            |                        |             |
| 10       | QPSK       | 1       | 25        | 23.51                      | 23.53                       | 23.63                          |                              | 23                             | 1                            |                        |             |
| 10       | QPSK       | 1       | 49        | 23.48                      | 23.54                       | 23.43                          |                              | 23                             | 1                            |                        |             |
| 10       | QPSK       | 25      | 0         | 22.53                      | 22.61                       | 22.60                          |                              | 23                             | 1                            |                        |             |
| 10       | QPSK       | 25      | 12        | 22.61                      | 22.65                       | 22.60                          |                              | 23                             | 1                            |                        |             |
| 10       | QPSK       | 25      | 25        | 22.48                      | 22.59                       | 22.49                          |                              | 23                             | 1                            |                        |             |
| 10       | QPSK       | 50      | 0         | 22.56                      | 22.65                       | 22.53                          |                              | 23                             | 1                            |                        |             |
| 10       | 16QAM      | 1       | 0         | 22.50                      | 22.47                       | 22.35                          |                              | 23                             | 1                            |                        |             |
| 10       | 16QAM      | 1       | 25        | 22.41                      | 22.28                       | 22.38                          |                              | 23                             | 1                            |                        |             |
| 10       | 16QAM      | 1       | 49        | 22.28                      | 22.33                       | 22.31                          |                              | 22                             | 2                            |                        |             |
| 10       | 16QAM      | 25      | 0         | 21.50                      | 21.59                       | 21.53                          |                              | 21                             | 3                            |                        |             |
| 10       | 16QAM      | 25      | 12        | 21.37                      | 21.29                       | 21.31                          |                              | 22                             | 2                            |                        |             |
| 10       | 16QAM      | 25      | 25        | 21.47                      | 21.40                       | 21.47                          |                              | 21                             | 3                            |                        |             |
| 10       | 16QAM      | 50      | 0         | 21.55                      | 21.61                       | 21.58                          |                              | 22                             | 2                            |                        |             |
| 10       | 64QAM      | 1       | 0         | 21.32                      | 21.38                       | 21.40                          |                              | 21                             | 3                            |                        |             |
| 10       | 64QAM      | 1       | 25        | 21.13                      | 21.21                       | 21.29                          |                              | 22                             | 2                            |                        |             |
| 10       | 64QAM      | 1       | 49        | 21.31                      | 21.25                       | 21.27                          |                              | 21                             | 3                            |                        |             |
| 10       | 64QAM      | 25      | 0         | 20.41                      | 20.62                       | 20.44                          |                              | 22                             | 2                            |                        |             |
| 10       | 64QAM      | 25      | 12        | 20.34                      | 20.39                       | 20.44                          |                              | 21                             | 3                            |                        |             |
| 10       | 64QAM      | 25      | 25        | 20.35                      | 20.39                       | 20.50                          |                              | 22                             | 2                            |                        |             |
| 10       | 64QAM      | 50      | 0         | 20.44                      | 20.61                       | 20.46                          |                              | 21                             | 3                            |                        |             |
|          |            |         |           | Channel                    | 37775                       | 38000                          | 38225                        |                                |                              |                        |             |
|          |            |         |           | Frequency (MHz)            | 2572.5                      | 2595                           | 2617.5                       |                                |                              |                        |             |
| 5        | QPSK       | 1       | 0         | 23.57                      | 23.71                       | 23.60                          |                              | 24                             | 0                            |                        |             |
| 5        | QPSK       | 1       | 12        | 23.52                      | 23.56                       | 23.54                          |                              | 23                             | 1                            |                        |             |
| 5        | QPSK       | 1       | 24        | 23.44                      | 23.46                       | 23.45                          |                              | 23                             | 1                            |                        |             |
| 5        | QPSK       | 12      | 0         | 22.61                      | 22.61                       | 22.54                          |                              | 22                             | 2                            |                        |             |
| 5        | QPSK       | 12      | 7         | 22.64                      | 22.72                       | 22.60                          |                              | 23                             | 1                            |                        |             |
| 5        | QPSK       | 12      | 13        | 22.42                      | 22.58                       | 22.43                          |                              | 23                             | 1                            |                        |             |
| 5        | QPSK       | 25      | 0         | 22.48                      | 22.66                       | 22.52                          |                              | 23                             | 1                            |                        |             |
| 5        | 16QAM      | 1       | 0         | 22.45                      | 22.44                       | 22.31                          |                              | 23                             | 1                            |                        |             |
| 5        | 16QAM      | 1       | 12        | 22.44                      | 22.20                       | 22.43                          |                              | 22                             | 2                            |                        |             |
| 5        | 16QAM      | 1       | 24        | 22.32                      | 22.41                       | 22.24                          |                              | 22                             | 2                            |                        |             |
| 5        | 16QAM      | 12      | 0         | 21.48                      | 21.60                       | 21.48                          |                              | 21                             | 3                            |                        |             |
| 5        | 16QAM      | 12      | 7         | 21.39                      | 21.29                       | 21.33                          |                              | 22                             | 2                            |                        |             |
| 5        | 16QAM      | 12      | 13        | 21.38                      | 21.45                       | 21.42                          |                              | 22                             | 2                            |                        |             |
| 5        | 16QAM      | 25      | 0         | 21.62                      | 21.65                       | 21.57                          |                              | 21                             | 3                            |                        |             |
| 5        | 64QAM      | 1       | 0         | 21.33                      | 21.36                       | 21.33                          |                              | 22                             | 2                            |                        |             |
| 5        | 64QAM      | 1       | 12        | 21.15                      | 21.24                       | 21.30                          |                              | 21                             | 3                            |                        |             |
| 5        | 64QAM      | 1       | 24        | 21.31                      | 21.24                       | 21.29                          |                              | 22                             | 2                            |                        |             |
| 5        | 64QAM      | 12      | 0         | 20.36                      | 20.52                       | 20.53                          |                              | 21                             | 3                            |                        |             |
| 5        | 64QAM      | 12      | 7         | 20.26                      | 20.37                       | 20.44                          |                              | 22                             | 2                            |                        |             |
| 5        | 64QAM      | 12      | 13        | 20.40                      | 20.42                       | 20.46                          |                              | 21                             | 3                            |                        |             |
| 5        | 64QAM      | 25      | 0         | 20.45                      | 20.65                       | 20.40                          |                              | 22                             | 2                            |                        |             |

| Band 41 (2.6G Band) |            |         |           |                            |                             |                                    |                                     |                              |                        |             |
|---------------------|------------|---------|-----------|----------------------------|-----------------------------|------------------------------------|-------------------------------------|------------------------------|------------------------|-------------|
| BW [MHz]            | Modulation | RB Size | RB Offset | Channel<br>Frequency (MHz) | Power<br>Low<br>Ch. / Freq. | Power<br>Middle Low<br>Ch. / Freq. | Power<br>Middle High<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |
|                     |            |         |           | Channel                    | 40140                       | 40400                              | 40670                               | 41140                        |                        |             |
|                     |            |         |           | Frequency (MHz)            | 2545                        | 2571                               | 2598                                | 2645                         |                        |             |
| 20                  | QPSK       | 1       | 0         | 23.65                      | 23.67                       | 23.61                              | 23.69                               |                              | 24                     | 0           |
| 20                  | QPSK       | 1       | 49        | 23.59                      | 23.62                       | 23.72                              | 23.67                               |                              | 23                     | 1           |
| 20                  | QPSK       | 1       | 99        | 23.54                      | 23.52                       | 23.62                              | 23.52                               |                              | 23                     | 1           |
| 20                  | QPSK       | 50      | 0         | 22.68                      | 22.70                       | 22.83                              | 22.74                               |                              | 23                     | 1           |
| 20                  | QPSK       | 50      | 24        | 22.77                      | 22.75                       | 22.82                              | 22.78                               |                              | 22                     | 2           |
| 20                  | QPSK       | 50      | 50        | 22.63                      | 22.63                       | 22.71                              | 22.64                               |                              | 23                     | 1           |
| 20                  | 16QAM      | 1       | 0         | 22.76                      | 22.71                       | 22.85                              | 22.79                               |                              | 22                     | 2           |
| 20                  | 16QAM      | 1       | 49        | 22.71                      | 22.66                       | 22.79                              | 22.69                               |                              | 22                     | 2           |
| 20                  | 16QAM      | 1       | 99        | 22.53                      | 22.58                       | 22.66                              | 22.53                               |                              | 21                     | 3           |
| 20                  | 16QAM      | 50      | 0         | 21.80                      | 21.77                       | 21.89                              | 21.86                               |                              | 22                     | 2           |
| 20                  | 16QAM      | 50      | 24        | 21.76                      | 21.76                       | 21.86                              | 21.81                               |                              | 21                     | 3           |
| 20                  | 16QAM      | 50      | 50        | 21.64                      | 21.71                       | 21.78                              | 21.68                               |                              | 22                     | 2           |
| 20                  | 16QAM      | 100     | 0         | 21.78                      | 21.77                       | 21.86                              | 21.72                               |                              | 21                     | 3           |
| 20                  | 64QAM      | 1       | 0         | 21.66                      | 21.69                       | 21.74                              | 21.64                               |                              | 22                     | 2           |
| 20                  | 64QAM      | 1       | 49        | 21.52                      | 21.59                       | 21.65                              | 21.58                               |                              | 21                     | 3           |
| 20                  | 64QAM      | 1       | 99        | 21.46                      | 21.46                       | 21.60                              | 21.54                               |                              | 22                     | 2           |
| 20                  | 64QAM      | 50      | 0         | 20.79                      | 20.83                       | 20.87                              | 20.77                               |                              | 21                     | 3           |
| 20                  | 64QAM      | 50      | 24        | 20.79                      | 20.78                       | 20.87                              | 20.72                               |                              | 22                     | 2           |
| 20                  | 64QAM      | 50      | 50        | 20.63                      | 20.68                       | 20.76                              | 20.72                               |                              | 21                     | 3           |
| 20                  | 64QAM      | 100     | 0         | 20.67                      | 20.74                       | 20.82                              | 20.69                               |                              | 22                     | 2           |
|                     |            |         |           | Channel                    | 40115                       | 40395                              | 40685                               | 41165                        |                        |             |
|                     |            |         |           | Frequency (MHz)            | 2530.5                      | 2531.5                             | 2532.5                              | 2647.5                       |                        |             |
| 15                  | QPSK       | 1       | 0         | 23.51                      | 23.61                       | 23.68                              | 23.62                               |                              | 24                     | 0           |
| 15                  | QPSK       | 1       | 37        | 23.44                      | 23.57                       | 23.52                              | 23.56                               |                              | 23                     | 1           |
| 15                  | QPSK       | 1       | 74        | 23.40                      | 23.44                       | 23.57                              | 23.44                               |                              | 23                     | 1           |
| 15                  | QPSK       | 36      | 0         | 22.54                      | 22.65                       | 22.72                              | 22.59                               |                              | 23                     | 1           |
| 15                  | QPSK       | 36      | 20        | 22.64                      | 22.61                       | 22.79                              | 22.69                               |                              | 23                     | 1           |
| 15                  | QPSK       | 36      | 39        | 22.51                      | 22.49                       | 22.59                              | 22.54                               |                              | 23                     | 1           |
| 15                  | QPSK       | 75      | 0         | 22.63                      | 22.60                       | 22.80                              | 22.73                               |                              | 23                     | 1           |
| 15                  | 16QAM      | 1       | 0         | 22.59                      | 22.54                       | 22.64                              | 22.54                               |                              | 23                     | 1           |
| 15                  | 16QAM      | 1       | 37        | 22.57                      | 22.54                       | 22.69                              | 22.57                               |                              | 22                     | 2           |
| 15                  | 16QAM      | 1       | 74        | 22.42                      | 22.55                       | 22.52                              | 22.39                               |                              | 21                     | 3           |
| 15                  | 16QAM      | 36      | 0         | 21.75                      | 21.67                       | 21.74                              | 21.75                               |                              | 22                     | 2           |
| 15                  | 16QAM      |         |           |                            |                             |                                    |                                     |                              |                        |             |

### Reduced Power for Receiver Off

| GSM850          | Burst-Average Power (dBm) |       |       | Tune-up Limit (dBm) | Frame-Average Power (dBm) |       |       | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
|                 | 188                       | 189   | 251   |                     | 188                       | 189   | 251   |                     |
| TX Channel      | 824.2                     | 836.4 | 848.8 |                     | 824.2                     | 836.4 | 848.8 |                     |
| Frequency (MHz) | 824.2                     | 836.4 | 848.8 | 33.00               | 23.21                     | 23.27 | 23.17 | 24.00               |
| GSM 1 Tx slot   | 32.21                     | 32.27 | 32.17 | 33.00               | 23.09                     | 23.08 | 23.02 | 24.00               |
| GPRS 1 Tx slot  | 32.09                     | 32.08 | 32.02 | 33.00               | 23.09                     | 23.08 | 23.02 | 24.00               |
| GPRS 2 Tx slots | 31.19                     | 31.30 | 31.29 | 32.00               | 25.19                     | 25.30 | 25.29 | 26.00               |
| GPRS 3 Tx slots | 29.57                     | 29.80 | 29.66 | 30.50               | 25.31                     | 25.54 | 25.40 | 26.24               |
| GPRS 4 Tx slots | 28.54                     | 28.65 | 28.63 | 29.50               | 25.54                     | 25.65 | 25.63 | 26.50               |
| EDGE 1 Tx slot  | 25.67                     | 25.80 | 26.00 | 27.00               | 16.67                     | 16.80 | 17.00 | 18.00               |
| EDGE 2 Tx slots | 24.14                     | 24.35 | 24.23 | 25.50               | 18.14                     | 18.35 | 18.23 | 19.50               |
| EDGE 3 Tx slots | 21.83                     | 22.02 | 21.80 | 23.00               | 17.57                     | 17.76 | 17.64 | 18.74               |
| EDGE 4 Tx slots | 20.57                     | 20.77 | 20.81 | 22.00               | 17.57                     | 17.77 | 17.81 | 19.00               |

| Band            | WCDMA V                 |       |       | Tune-up Limit (dBm) |       |
|-----------------|-------------------------|-------|-------|---------------------|-------|
|                 | 4132                    | 4182  | 4233  |                     |       |
| TX Channel      | 4357                    | 4407  | 4458  |                     |       |
| Rx Channel      | 826.4                   | 836.4 | 846.6 |                     |       |
| Frequency (MHz) | 826.4                   | 836.4 | 846.6 |                     |       |
| 3GPP Rel 99     | AMR 12.2Kbps            | 23.30 | 23.38 | 23.20               | 24.00 |
| 3GPP Rel 99     | RMC 12.2Kbps            | 23.42 | 23.45 | 23.32               | 24.00 |
| 3GPP Rel 6      | HSDPA Subtest-1         | 22.24 | 22.39 | 22.22               | 23.00 |
| 3GPP Rel 6      | HSDPA Subtest-2         | 22.62 | 22.54 | 22.28               | 23.00 |
| 3GPP Rel 6      | HSDPA Subtest-3         | 21.94 | 22.27 | 21.89               | 22.50 |
| 3GPP Rel 6      | HSDPA Subtest-4         | 21.74 | 22.07 | 21.79               | 22.50 |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 22.40 | 22.42 | 22.43               | 23.00 |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 22.08 | 22.32 | 22.42               | 23.00 |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 21.91 | 22.07 | 21.96               | 22.50 |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 21.70 | 22.05 | 22.07               | 22.50 |
| 3GPP Rel 6      | HSUPA Subtest-1         | 22.16 | 22.54 | 22.31               | 23.00 |
| 3GPP Rel 6      | HSUPA Subtest-2         | 20.54 | 20.36 | 20.19               | 21.00 |
| 3GPP Rel 6      | HSUPA Subtest-3         | 21.42 | 21.63 | 21.62               | 22.00 |
| 3GPP Rel 6      | HSUPA Subtest-4         | 20.43 | 20.53 | 20.39               | 21.00 |
| 3GPP Rel 6      | HSUPA Subtest-5         | 22.54 | 22.60 | 22.37               | 23.00 |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 19.95 | 20.02 | 19.97               | 20.50 |



| Band 5          |            |         |           |            |              |            |                     |          |  |
|-----------------|------------|---------|-----------|------------|--------------|------------|---------------------|----------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low  | Power Middle | Power High | Tune-up limit (dBm) | MPR (dB) |  |
|                 |            |         |           | Ch. 1 Freq | Ch. 2 Freq   | Ch. 3 Freq |                     |          |  |
| Channel         |            |         |           | 20450      | 20525        | 20500      |                     |          |  |
| Frequency (MHz) |            |         |           | 829        | 838.5        | 844        |                     |          |  |
| 10              | QPSK       | 1       | 0         | 22.78      | 22.82        | 22.67      | 24                  | 0        |  |
| 10              | QPSK       | 1       | 25        | 22.81      | 22.74        | 22.69      |                     |          |  |
| 10              | QPSK       | 1       | 49        | 22.50      | 22.68        | 22.53      |                     |          |  |
| 10              | QPSK       | 25      | 0         | 21.85      | 21.90        | 21.90      | 23                  | 1        |  |
| 10              | QPSK       | 25      | 12        | 21.69      | 21.82        | 21.72      |                     |          |  |
| 10              | QPSK       | 25      | 25        | 21.63      | 21.74        | 21.66      |                     |          |  |
| 10              | QPSK       | 50      | 0         | 21.72      | 21.86        | 21.78      | 23                  | 1        |  |
| 10              | 16QAM      | 1       | 0         | 21.86      | 21.96        | 21.81      |                     |          |  |
| 10              | 16QAM      | 1       | 25        | 21.72      | 21.82        | 21.72      |                     |          |  |
| 10              | 16QAM      | 1       | 49        | 20.84      | 20.92        | 20.80      | 22                  | 2        |  |
| 10              | 16QAM      | 25      | 12        | 20.78      | 20.70        | 20.71      |                     |          |  |
| 10              | 16QAM      | 25      | 25        | 20.81      | 20.72        | 20.80      |                     |          |  |
| 10              | 16QAM      | 50      | 0         | 20.80      | 20.84        | 20.74      | 22                  | 2        |  |
| 10              | 64QAM      | 1       | 0         | 20.79      | 20.94        | 20.85      |                     |          |  |
| 10              | 64QAM      | 1       | 25        | 20.81      | 20.81        | 20.82      |                     |          |  |
| 10              | 64QAM      | 1       | 49        | 20.67      | 20.68        | 20.76      | 21                  | 3        |  |
| 10              | 64QAM      | 25      | 0         | 19.78      | 19.89        | 19.85      |                     |          |  |
| 10              | 64QAM      | 25      | 12        | 19.77      | 19.73        | 19.67      |                     |          |  |
| 10              | 64QAM      | 25      | 25        | 19.76      | 19.72        | 19.75      | 21                  | 3        |  |
| 10              | 64QAM      | 25      | 50        | 19.76      | 19.72        | 19.75      |                     |          |  |
| 10              | 64QAM      | 50      | 0         | 19.76      | 19.83        | 19.73      |                     |          |  |
| Channel         |            |         |           | 20425      | 20525        | 20525      | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 829.5      | 838.5        | 845.5      |                     |          |  |
| 5               | QPSK       | 1       | 0         | 22.60      | 22.78        | 22.64      | 24                  | 0        |  |
| 5               | QPSK       | 1       | 12        | 22.48      | 22.69        | 22.58      |                     |          |  |
| 5               | QPSK       | 1       | 24        | 22.47      | 22.54        | 22.40      |                     |          |  |
| 5               | QPSK       | 12      | 0         | 21.76      | 21.81        | 21.72      | 23                  | 1        |  |
| 5               | QPSK       | 12      | 7         | 21.57      | 21.79        | 21.59      |                     |          |  |
| 5               | QPSK       | 12      | 13        | 21.55      | 21.67        | 21.58      |                     |          |  |
| 5               | QPSK       | 25      | 0         | 21.61      | 21.71        | 21.71      | 23                  | 1        |  |
| 5               | 16QAM      | 1       | 0         | 21.73      | 21.88        | 21.70      |                     |          |  |
| 5               | 16QAM      | 1       | 12        | 21.68      | 21.72        | 21.66      |                     |          |  |
| 5               | 16QAM      | 1       | 24        | 21.75      | 21.59        | 21.63      | 22                  | 2        |  |
| 5               | 16QAM      | 12      | 0         | 20.74      | 20.82        | 20.69      |                     |          |  |
| 5               | 16QAM      | 12      | 7         | 20.67      | 20.56        | 20.63      |                     |          |  |
| 5               | 16QAM      | 12      | 13        | 20.66      | 20.57        | 20.66      | 22                  | 2        |  |
| 5               | 16QAM      | 25      | 0         | 20.68      | 20.75        | 20.62      |                     |          |  |
| 5               | 64QAM      | 1       | 0         | 20.65      | 20.89        | 20.77      |                     |          |  |
| 5               | 64QAM      | 1       | 12        | 20.69      | 20.66        | 20.79      | 22                  | 2        |  |
| 5               | 64QAM      | 1       | 24        | 20.64      | 20.59        | 20.61      |                     |          |  |
| 5               | 64QAM      | 12      | 0         | 19.74      | 19.65        | 19.71      |                     |          |  |
| 5               | 64QAM      | 12      | 7         | 19.62      | 19.59        | 19.55      | 21                  | 3        |  |
| 5               | 64QAM      | 12      | 13        | 19.65      | 19.67        | 19.62      |                     |          |  |
| 5               | 64QAM      | 25      | 0         | 19.68      | 19.77        | 19.65      |                     |          |  |
| Channel         |            |         |           | 20415      | 20525        | 20535      | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 825.5      | 838.5        | 847.5      |                     |          |  |
| 3               | QPSK       | 1       | 0         | 22.73      | 22.68        | 22.53      | 24                  | 0        |  |
| 3               | QPSK       | 1       | 8         | 22.51      | 22.67        | 22.63      |                     |          |  |
| 3               | QPSK       | 1       | 14        | 22.57      | 22.62        | 22.41      |                     |          |  |
| 3               | QPSK       | 8       | 0         | 21.77      | 21.67        | 21.76      | 23                  | 1        |  |
| 3               | QPSK       | 8       | 4         | 21.60      | 21.73        | 21.63      |                     |          |  |
| 3               | QPSK       | 8       | 7         | 21.49      | 21.70        | 21.51      |                     |          |  |
| 3               | QPSK       | 16      | 0         | 21.63      | 21.75        | 21.66      | 23                  | 1        |  |
| 3               | 16QAM      | 1       | 0         | 21.82      | 21.89        | 21.72      |                     |          |  |
| 3               | 16QAM      | 1       | 8         | 21.66      | 21.70        | 21.62      |                     |          |  |
| 3               | 16QAM      | 1       | 14        | 21.72      | 21.58        | 21.60      | 22                  | 2        |  |
| 3               | 16QAM      | 8       | 0         | 20.79      | 20.87        | 20.72      |                     |          |  |
| 3               | 16QAM      | 8       | 4         | 20.71      | 20.61        | 20.61      |                     |          |  |
| 3               | 16QAM      | 8       | 7         | 20.77      | 20.63        | 20.68      | 22                  | 2        |  |
| 3               | 16QAM      | 15      | 0         | 20.77      | 20.80        | 20.63      |                     |          |  |
| 3               | 64QAM      | 1       | 0         | 20.69      | 20.79        | 20.73      |                     |          |  |
| 3               | 64QAM      | 1       | 8         | 20.75      | 20.74        | 20.75      | 22                  | 2        |  |
| 3               | 64QAM      | 1       | 14        | 20.61      | 20.54        | 20.71      |                     |          |  |
| 3               | 64QAM      | 8       | 0         | 19.64      | 19.76        | 19.72      |                     |          |  |
| 3               | 64QAM      | 8       | 4         | 19.71      | 19.67        | 19.61      | 21                  | 3        |  |
| 3               | 64QAM      | 8       | 7         | 19.87      | 19.61        | 19.70      |                     |          |  |
| 3               | 64QAM      | 15      | 0         | 19.63      | 19.78        | 19.67      |                     |          |  |
| Channel         |            |         |           | 20507      | 20525        | 20523      | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 824.7      | 838.5        | 846.3      |                     |          |  |
| 1.4             | QPSK       | 1       | 0         | 22.70      | 22.71        | 22.53      | 24                  | 0        |  |
| 1.4             | QPSK       | 1       | 3         | 22.52      | 22.64        | 22.55      |                     |          |  |
| 1.4             | QPSK       | 1       | 5         | 22.55      | 22.58        | 22.49      |                     |          |  |
| 1.4             | QPSK       | 3       | 0         | 22.66      | 22.77        | 22.71      | 23                  | 1        |  |
| 1.4             | QPSK       | 3       | 1         | 22.50      | 22.63        | 22.57      |                     |          |  |
| 1.4             | QPSK       | 3       | 3         | 22.53      | 22.54        | 22.52      |                     |          |  |
| 1.4             | QPSK       | 6       | 0         | 21.63      | 21.62        | 21.73      | 23                  | 1        |  |
| 1.4             | 16QAM      | 1       | 0         | 21.75      | 21.91        | 21.73      |                     |          |  |
| 1.4             | 16QAM      | 1       | 3         | 21.59      | 21.68        | 21.62      |                     |          |  |
| 1.4             | 16QAM      | 1       | 5         | 21.69      | 21.60        | 21.61      | 23                  | 1        |  |
| 1.4             | 16QAM      | 3       | 0         | 21.72      | 21.84        | 21.61      |                     |          |  |
| 1.4             | 16QAM      | 3       | 1         | 21.60      | 21.58        | 21.59      |                     |          |  |
| 1.4             | 16QAM      | 3       | 3         | 21.61      | 21.54        | 21.72      | 22                  | 2        |  |
| 1.4             | 16QAM      | 6       | 0         | 20.75      | 20.69        | 20.71      |                     |          |  |
| 1.4             | 64QAM      | 1       | 0         | 20.69      | 20.87        | 20.72      |                     |          |  |
| 1.4             | 64QAM      | 1       | 3         | 20.74      | 20.73        | 20.79      | 22                  | 2        |  |
| 1.4             | 64QAM      | 1       | 5         | 20.52      | 20.62        | 20.70      |                     |          |  |
| 1.4             | 64QAM      | 3       | 0         | 20.67      | 20.80        | 20.69      |                     |          |  |
| 1.4             | 64QAM      | 3       | 1         | 20.64      | 20.56        | 20.54      | 21                  | 3        |  |
| 1.4             | 64QAM      | 3       | 3         | 20.56      | 20.62        | 20.64      |                     |          |  |
| 1.4             | 64QAM      | 6       | 0         | 19.64      | 19.75        | 19.63      |                     |          |  |

| Band 7          |            |         |           |            |              |            |                     |          |  |
|-----------------|------------|---------|-----------|------------|--------------|------------|---------------------|----------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low  | Power Middle | Power High | Tune-up limit (dBm) | MPR (dB) |  |
|                 |            |         |           | Ch. 1 Freq | Ch. 2 Freq   | Ch. 3 Freq |                     |          |  |
| Channel         |            |         |           | 2610       | 2535         | 2560       |                     |          |  |
| Frequency (MHz) |            |         |           | 2510       | 2535         | 2560       |                     |          |  |
| 20              | QPSK       | 1       | 0         | 13.81      | 13.95        | 13.82      | 15                  | 0        |  |
| 20              | QPSK       | 1       | 49        | 13.77      | 13.88        | 13.85      |                     |          |  |
| 20              | QPSK       | 1       | 99        | 13.77      | 13.91        | 13.87      |                     |          |  |
| 20              | QPSK       | 50      | 0         | 13.77      | 13.89        | 13.81      | 15                  | 0        |  |
| 20              | QPSK       | 50      | 24        | 13.74      | 13.85        | 13.73      |                     |          |  |
| 20              | QPSK       | 50      | 50        | 13.70      | 13.82        | 13.68      |                     |          |  |
| 20              | QPSK       | 100     | 0         | 13.76      | 13.89        | 13.85      | 15                  | 0        |  |
| 20              | 16QAM      | 1       | 0         | 13.80      | 13.83        | 13.70      |                     |          |  |
| 20              | 16QAM      | 1       | 49        | 13.74      | 13.83        | 13.73      |                     |          |  |
| 20              | 16QAM      | 1       | 99        | 13.87      | 13.92        | 13.78      | 15                  | 0        |  |
| 20              | 16QAM      | 50      | 0         | 13.77      | 13.84        | 13.80      |                     |          |  |
| 20              | 16QAM      | 50      | 24        | 13.71      | 13.83        | 13.76      |                     |          |  |
| 20              | 16QAM      | 50      | 50        | 13.69      | 13.82        | 13.74      | 15                  | 0        |  |
| 20              | 16QAM      | 100     | 0         | 13.76      | 13.89        | 13.74      |                     |          |  |
| 20              | 64QAM      | 1       | 0         | 13.76      | 13.99        | 13.84      |                     |          |  |
| 20              | 64QAM      | 1       | 49        | 13.83      | 13.86        | 13.83      | 15                  | 0        |  |
| 20              | 64QAM      | 1       | 99        | 13.81      | 13.91        | 13.84      |                     |          |  |
| 20              | 64QAM      | 50      | 0         | 13.86      | 13.91        | 13.82      |                     |          |  |
| 20              | 64QAM      | 50      | 24        | 13.78      | 13.86        | 13.77      | 15                  | 0        |  |
| 20              | 64QAM      | 50      | 50        | 13.79      | 13.85        | 13.82      |                     |          |  |
| 20              | 64QAM      | 100     | 0         | 13.80      | 13.83        | 13.79      |                     |          |  |
| Channel         |            |         |           | 26025      | 21100        | 21975      | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2507.5     | 2535         | 2562.5     |                     |          |  |
| 15              | QPSK       | 1       | 0         | 13.71      | 13.82        | 13.79      | 15                  | 0        |  |
| 15              | QPSK       | 1       | 37        | 13.82      | 13.78        | 13.79      |                     |          |  |
| 15              | QPSK       | 1       | 74        | 13.83      | 13.85        | 13.82      |                     |          |  |
| 15              | QPSK       | 36      | 0         | 13.64      | 13.76        | 13.66      | 15                  | 0        |  |
| 15              | QPSK       | 36      | 20        | 13.69      | 13.72        | 13.63      |                     |          |  |
| 15              | QPSK       | 36      | 39        | 13.59      | 13.70        | 13.54      |                     |          |  |
| 15              | 16QAM      | 75      | 0         | 13.67      | 13.81        | 13.70      | 15                  | 0        |  |
| 15              | 16QAM      | 1       | 0         | 13.65      | 13.69        | 13.63      |                     |          |  |
| 15              | 16QAM      | 1       | 37        | 13.67      | 13.76        | 13.61      |                     |          |  |
| 15              | 16QAM      | 1       | 74        | 13.74      | 13.89        | 13.63      | 15                  | 0        |  |
| 15              | 16QAM      | 36      | 0         | 13.65      | 13.79        | 13.69      |                     |          |  |
| 15              | 16QAM      | 36      | 20        | 13.59      | 13.72        | 13.68      |                     |          |  |
| 15              | 16QAM      | 36      | 39        | 13.59      | 13.77        | 13.67      | 15                  | 0        |  |
| 15              | 16QAM      | 75      | 0         | 13.61      | 13.83        | 13.62      |                     |          |  |
| 15              | 64QAM      | 1       | 0         | 13.65      | 13.77        | 13.73      |                     |          |  |
| 15              | 64QAM      | 1       | 37        | 13.77      | 13.85        | 13.74      | 15                  | 0        |  |
| 15              | 64QAM      | 1       | 74        | 13.86      | 13.83        | 13.75      |                     |          |  |
| 15              | 64QAM      | 36      | 0         | 13.79      | 13.85        | 13.76      |                     |          |  |
| 15              | 64QAM      | 36      | 20        | 13.66      | 13.71        | 13.74      | 15                  | 0        |  |
| 15              | 64QAM      | 36      | 39        | 13.68      | 13.74        | 13.74      |                     |          |  |
| 15              | 64QAM      | 75      | 0         | 13.66      | 13.73        | 13.68      |                     |          |  |
| Channel         |            |         |           | 26800      | 21100        | 21400      | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2505       | 2535         | 2565       |                     |          |  |
| 10              | QPSK       | 1       | 0         | 13.75      | 13.90        | 13.82      | 15                  | 0        |  |
| 10              | QPSK       | 1       | 25        | 13.72      | 13.73        | 13.78      |                     |          |  |
| 10              | QPSK       | 1       | 49        | 13.73      | 13.83        | 13.82      |                     |          |  |
| 10              | QPSK       | 25      | 0         | 13.68      | 13.82        | 13.73      | 15                  | 0        |  |
| 10              | QPSK       | 25      | 12        | 13.68      | 13.71        | 13.68      |                     |          |  |
| 10              | QPSK       | 25      | 25        | 13.56      | 13.77        | 13.67      |                     |          |  |
| 10              | QPSK       | 50      | 0         | 13.69      | 13.85        | 13.81      | 15                  | 0        |  |



| Band 38         |            |         |           |                       |                          |                        |                     |          |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| 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         |            |         |           | 37850                 | 38000                    | 38150                  |                     |          |
| Frequency (MHz) |            |         |           | 2330                  | 2395                     | 2410                   |                     |          |
| 20              | QPSK       | 1       | 0         | 16.60                 | 16.70                    | 16.82                  |                     |          |
| 20              | QPSK       | 1       | 49        | 16.55                 | 16.87                    | 16.92                  | 17                  | 0        |
| 20              | QPSK       | 1       | 99        | 16.51                 | 16.62                    | 16.58                  |                     |          |
| 20              | QPSK       | 50      | 0         | 16.57                 | 16.63                    | 16.59                  |                     |          |
| 20              | QPSK       | 50      | 24        | 16.50                 | 16.56                    | 16.42                  | 17                  | 0        |
| 20              | QPSK       | 50      | 50        | 16.43                 | 16.54                    | 16.49                  |                     |          |
| 20              | QPSK       | 100     | 0         | 16.47                 | 16.60                    | 16.57                  |                     |          |
| 20              | 16QAM      | 1       | 0         | 16.47                 | 16.58                    | 16.54                  |                     |          |
| 20              | 16QAM      | 1       | 49        | 16.56                 | 16.61                    | 16.60                  | 17                  | 0        |
| 20              | 16QAM      | 1       | 99        | 16.49                 | 16.61                    | 16.52                  |                     |          |
| 20              | 16QAM      | 50      | 0         | 16.63                 | 16.66                    | 16.63                  |                     |          |
| 20              | 16QAM      | 50      | 24        | 16.51                 | 16.60                    | 16.54                  | 17                  | 0        |
| 20              | 16QAM      | 50      | 50        | 16.50                 | 16.65                    | 16.54                  |                     |          |
| 20              | 16QAM      | 100     | 0         | 16.50                 | 16.59                    | 16.47                  |                     |          |
| 20              | 64QAM      | 1       | 0         | 16.47                 | 16.56                    | 16.45                  |                     |          |
| 20              | 64QAM      | 1       | 49        | 16.50                 | 16.58                    | 16.53                  | 17                  | 0        |
| 20              | 64QAM      | 1       | 99        | 16.52                 | 16.62                    | 16.51                  |                     |          |
| 20              | 64QAM      | 50      | 0         | 16.43                 | 16.56                    | 16.49                  |                     |          |
| 20              | 64QAM      | 50      | 24        | 16.55                 | 16.66                    | 16.61                  |                     |          |
| 20              | 64QAM      | 50      | 50        | 16.53                 | 16.62                    | 16.48                  | 17                  | 0        |
| 20              | 64QAM      | 100     | 0         | 16.53                 | 16.58                    | 16.53                  |                     |          |
| Channel         |            |         |           | 37825                 | 38000                    | 38175                  |                     |          |
| Frequency (MHz) |            |         |           | 2377.5                | 2395                     | 2412.5                 |                     |          |
| 15              | QPSK       | 1       | 0         | 16.46                 | 16.64                    | 16.52                  |                     |          |
| 15              | QPSK       | 1       | 37        | 16.49                 | 16.59                    | 16.45                  | 17                  | 0        |
| 15              | QPSK       | 1       | 74        | 16.38                 | 16.59                    | 16.50                  |                     |          |
| 15              | QPSK       | 36      | 0         | 16.43                 | 16.54                    | 16.50                  |                     |          |
| 15              | QPSK       | 36      | 20        | 16.44                 | 16.44                    | 16.39                  | 17                  | 0        |
| 15              | QPSK       | 36      | 39        | 16.28                 | 16.45                    | 16.45                  |                     |          |
| 15              | QPSK       | 75      | 0         | 16.36                 | 16.50                    | 16.43                  |                     |          |
| 15              | 16QAM      | 1       | 0         | 16.38                 | 16.55                    | 16.47                  |                     |          |
| 15              | 16QAM      | 1       | 37        | 16.42                 | 16.57                    | 16.43                  | 17                  | 0        |
| 15              | 16QAM      | 1       | 74        | 16.39                 | 16.57                    | 16.47                  |                     |          |
| 15              | 16QAM      | 36      | 0         | 16.57                 | 16.60                    | 16.54                  |                     |          |
| 15              | 16QAM      | 36      | 20        | 16.47                 | 16.48                    | 16.47                  | 17                  | 0        |
| 15              | 16QAM      | 36      | 39        | 16.39                 | 16.60                    | 16.40                  |                     |          |
| 15              | 16QAM      | 75      | 0         | 16.41                 | 16.45                    | 16.34                  |                     |          |
| 15              | 64QAM      | 1       | 0         | 16.37                 | 16.46                    | 16.40                  |                     |          |
| 15              | 64QAM      | 1       | 37        | 16.44                 | 16.53                    | 16.49                  | 17                  | 0        |
| 15              | 64QAM      | 1       | 74        | 16.42                 | 16.52                    | 16.41                  |                     |          |
| 15              | 64QAM      | 36      | 0         | 16.34                 | 16.48                    | 16.45                  |                     |          |
| 15              | 64QAM      | 36      | 20        | 16.51                 | 16.53                    | 16.46                  | 17                  | 0        |
| 15              | 64QAM      | 36      | 39        | 16.39                 | 16.55                    | 16.42                  |                     |          |
| 15              | 64QAM      | 75      | 0         | 16.49                 | 16.52                    | 16.44                  |                     |          |
| Channel         |            |         |           | 37800                 | 38000                    | 38200                  |                     |          |
| Frequency (MHz) |            |         |           | 2372.5                | 2395                     | 2417.5                 |                     |          |
| 10              | QPSK       | 1       | 0         | 16.47                 | 16.60                    | 16.58                  |                     |          |
| 10              | QPSK       | 1       | 25        | 16.47                 | 16.56                    | 16.42                  | 17                  | 0        |
| 10              | QPSK       | 1       | 49        | 16.38                 | 16.49                    | 16.54                  |                     |          |
| 10              | QPSK       | 25      | 0         | 16.47                 | 16.59                    | 16.44                  |                     |          |
| 10              | QPSK       | 25      | 12        | 16.46                 | 16.41                    | 16.30                  | 17                  | 0        |
| 10              | QPSK       | 25      | 25        | 16.33                 | 16.46                    | 16.36                  |                     |          |
| 10              | QPSK       | 50      | 0         | 16.35                 | 16.49                    | 16.45                  |                     |          |
| 10              | 16QAM      | 1       | 0         | 16.38                 | 16.43                    | 16.45                  |                     |          |
| 10              | 16QAM      | 1       | 25        | 16.43                 | 16.47                    | 16.43                  | 17                  | 0        |
| 10              | 16QAM      | 1       | 49        | 16.43                 | 16.50                    | 16.43                  |                     |          |
| 10              | 16QAM      | 25      | 0         | 16.52                 | 16.60                    | 16.56                  |                     |          |
| 10              | 16QAM      | 25      | 12        | 16.37                 | 16.50                    | 16.40                  | 17                  | 0        |
| 10              | 16QAM      | 25      | 25        | 16.37                 | 16.59                    | 16.41                  |                     |          |
| 10              | 16QAM      | 50      | 0         | 16.43                 | 16.51                    | 16.43                  |                     |          |
| 10              | 64QAM      | 1       | 0         | 16.38                 | 16.51                    | 16.41                  | 17                  | 0        |
| 10              | 64QAM      | 1       | 25        | 16.37                 | 16.43                    | 16.49                  |                     |          |
| 10              | 64QAM      | 1       | 49        | 16.46                 | 16.56                    | 16.45                  |                     |          |
| 10              | 64QAM      | 25      | 0         | 16.30                 | 16.42                    | 16.43                  |                     |          |
| 10              | 64QAM      | 25      | 12        | 16.42                 | 16.52                    | 16.54                  | 17                  | 0        |
| 10              | 64QAM      | 25      | 25        | 16.50                 | 16.59                    | 16.42                  |                     |          |
| 10              | 64QAM      | 50      | 0         | 16.47                 | 16.52                    | 16.41                  |                     |          |
| Channel         |            |         |           | 37775                 | 38000                    | 38225                  |                     |          |
| Frequency (MHz) |            |         |           | 2372.5                | 2395                     | 2417.5                 |                     |          |
| 5               | QPSK       | 1       | 0         | 16.55                 | 16.57                    | 16.54                  |                     |          |
| 5               | QPSK       | 1       | 12        | 16.46                 | 16.53                    | 16.48                  | 17                  | 0        |
| 5               | QPSK       | 1       | 24        | 16.39                 | 16.56                    | 16.44                  |                     |          |
| 5               | QPSK       | 12      | 0         | 16.47                 | 16.54                    | 16.55                  |                     |          |
| 5               | QPSK       | 12      | 7         | 16.45                 | 16.47                    | 16.30                  | 17                  | 0        |
| 5               | QPSK       | 12      | 13        | 16.29                 | 16.43                    | 16.42                  |                     |          |
| 5               | QPSK       | 25      | 0         | 16.34                 | 16.52                    | 16.52                  |                     |          |
| 5               | 16QAM      | 1       | 0         | 16.42                 | 16.49                    | 16.40                  | 17                  | 0        |
| 5               | 16QAM      | 1       | 12        | 16.45                 | 16.48                    | 16.42                  |                     |          |
| 5               | 16QAM      | 1       | 24        | 16.35                 | 16.50                    | 16.38                  |                     |          |
| 5               | 16QAM      | 12      | 0         | 16.58                 | 16.57                    | 16.48                  |                     |          |
| 5               | 16QAM      | 12      | 7         | 16.36                 | 16.46                    | 16.51                  | 17                  | 0        |
| 5               | 16QAM      | 12      | 13        | 16.46                 | 16.61                    | 16.46                  |                     |          |
| 5               | 16QAM      | 25      | 0         | 16.38                 | 16.44                    | 16.36                  |                     |          |
| 5               | 64QAM      | 1       | 0         | 16.40                 | 16.52                    | 16.35                  |                     |          |
| 5               | 64QAM      | 1       | 12        | 16.43                 | 16.47                    | 16.47                  | 17                  | 0        |
| 5               | 64QAM      | 1       | 24        | 16.42                 | 16.58                    | 16.47                  |                     |          |
| 5               | 64QAM      | 12      | 0         | 16.40                 | 16.42                    | 16.39                  |                     |          |
| 5               | 64QAM      | 12      | 7         | 16.51                 | 16.60                    | 16.51                  | 17                  | 0        |
| 5               | 64QAM      | 12      | 13        | 16.47                 | 16.48                    | 16.34                  |                     |          |
| 5               | 64QAM      | 25      | 0         | 16.39                 | 16.54                    | 16.39                  |                     |          |

| Band 41 (2.6G Band) |            |         |           |                       |                              |                               |                        |                     |          |
|---------------------|------------|---------|-----------|-----------------------|------------------------------|-------------------------------|------------------------|---------------------|----------|
| BW [MHz]            | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Low Ch. / Freq. | Power Middle High Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel             |            |         |           | 40140                 | 40400                        | 40670                         | 41140                  |                     |          |
| Frequency (MHz)     |            |         |           | 2545                  | 2571                         | 2598                          | 2645                   |                     |          |
| 20                  | QPSK       | 1       | 0         | 16.64                 | 16.68                        | 16.76                         | 16.82                  |                     |          |
| 20                  | QPSK       | 1       | 49        | 16.61                 | 16.67                        | 16.71                         | 16.81                  | 17                  | 0        |
| 20                  | QPSK       | 1       | 99        | 16.58                 | 16.51                        | 16.62                         | 16.56                  |                     |          |
| 20                  | QPSK       | 50      | 0         | 16.65                 | 16.64                        | 16.70                         | 16.63                  |                     |          |
| 20                  | QPSK       | 50      | 24        | 16.52                 | 16.51                        | 16.65                         | 16.52                  | 17                  | 0        |
| 20                  | QPSK       | 50      | 50        | 16.53                 | 16.58                        | 16.62                         | 16.48                  |                     |          |
| 20                  | QPSK       | 100     | 0         | 16.65                 | 16.67                        | 16.72                         | 16.58                  |                     |          |
| 20                  | 16QAM      | 1       | 0         | 16.61                 | 16.62                        | 16.67                         | 16.57                  |                     |          |
| 20                  | 16QAM      | 1       | 49        | 16.65                 | 16.63                        | 16.72                         | 16.65                  | 17                  | 0        |
| 20                  | 16QAM      | 1       | 99        | 16.58                 | 16.60                        | 16.69                         | 16.59                  |                     |          |
| 20                  | 16QAM      | 50      | 0         | 16.51                 | 16.54                        | 16.63                         | 16.49                  |                     |          |
| 20                  | 16QAM      | 50      | 24        | 16.59                 | 16.53                        | 16.53                         | 16.53                  | 17                  | 0        |
| 20                  | 16QAM      | 50      | 50        | 16.56                 | 16.62                        | 16.66                         | 16.53                  |                     |          |
| 20                  | 16QAM      | 100     | 0         | 16.53                 | 16.54                        | 16.65                         | 16.59                  |                     |          |
| 20                  | 64QAM      | 1       | 0         | 16.53                 | 16.53                        | 16.62                         | 16.48                  |                     |          |
| 20                  | 64QAM      | 1       | 49        | 16.60                 | 16.60                        | 16.65                         | 16.52                  | 17                  | 0        |
| 20                  | 64QAM      | 1       | 99        | 16.58                 | 16.61                        | 16.65                         | 16.51                  |                     |          |
| 20                  | 64QAM      | 50      | 0         | 16.61                 | 16.55                        | 16.66                         | 16.61                  |                     |          |
| 20                  | 64QAM      | 50      | 24        | 16.53                 | 16.56                        | 16.61                         | 16.47                  | 17                  | 0        |
| 20                  | 64QAM      | 50      | 50        | 16.54                 | 16.52                        | 16.62                         | 16.58                  |                     |          |
| 20                  | 64QAM      | 100     | 0         | 16.56                 | 16.57                        | 16.69                         | 16.60                  |                     |          |
| Channel             |            |         |           | 40115                 | 40395                        | 40665                         | 41165                  |                     |          |
| Frequency (MHz)     |            |         |           | 2542.5                | 2570.5                       | 2597.5                        | 2647.5                 |                     |          |
| 15                  | QPSK       | 1       | 0         | 16.57                 | 16.57                        | 16.68                         | 16.52                  |                     |          |
| 15                  | QPSK       | 1       | 37        | 16.49                 | 16.61                        | 16.60                         | 16.52                  | 17                  | 0        |
| 15                  | QPSK       | 1       | 74        | 16.48                 | 16.44                        | 16.55                         | 16.51                  |                     |          |
| 15                  | QPSK       | 36      | 0         | 16.54                 | 16.50                        | 16.64                         | 16.49                  |                     |          |
| 15                  | QPSK       | 36      | 20        | 16.42                 | 16.40                        | 16.51                         | 16.46                  | 17                  | 0        |
| 15                  | QPSK       | 36      | 39        | 16.41                 | 16.50                        | 16.55                         | 16.39                  |                     |          |
| 15                  | QPSK       | 75      | 0         | 16.54                 | 16.60                        | 16.66                         | 16.49                  |                     |          |
| 15                  | 16QAM      | 1       | 0         | 16.51                 | 16.53                        | 16.59                         | 16.47                  |                     |          |
| 15                  | 16QAM      | 1       | 37        | 16.54                 | 16.51                        | 16.66                         | 16.56                  | 17                  | 0        |
| 15                  | 16QAM      | 1       | 74        | 16.55                 | 16.50                        | 16.63                         | 16.45                  |                     |          |
| 15                  | 16QAM      | 36      | 0         | 16.47                 | 16.46                        | 16.58                         | 16.40                  |                     |          |
| 15                  | 16QAM      | 36      | 20        | 16.54                 | 16.48                        | 16.58                         | 16.50                  | 17                  | 0        |
| 15                  | 16QAM      | 36      | 39        | 16.42                 | 16.49                        | 16.53                         | 16.44                  |                     |          |
| 15                  | 16QAM      | 75      | 0         | 16.47                 | 16.42                        | 16.60                         | 16.49                  |                     |          |
| 15                  | 64QAM      | 1       | 0         | 16.47                 | 16.43                        | 16.49                         | 16.39                  |                     |          |
| 15                  | 64QAM      | 1       | 37        | 16.56                 | 16.49                        | 16.52                         | 16.42                  | 17                  | 0        |
| 15                  | 64QAM      | 1       | 74        | 16.47                 | 16.49                        | 16.52                         | 16.42                  |                     |          |
| 15                  | 64QAM      | 36      | 0         | 16.52                 | 16.41                        | 16.60                         | 16.47                  |                     |          |
| 15                  | 64QAM      | 36      | 20        | 16.39                 | 16.51                        | 16.47                         | 16.41                  | 17                  | 0        |
| 15                  | 64QAM      | 36      | 39        | 16.48                 | 16.41                        | 16.50                         | 16.49                  |                     |          |
| 15                  | 64QAM      | 75      | 0         | 16.46                 | 16.47                        | 16.55                         | 16.49                  |                     |          |
| Channel             |            |         |           | 40090                 | 40390                        | 40690                         | 41190                  |                     |          |
| Frequency (MHz)     |            |         |           | 2540                  | 2570                         | 2599.5                        | 2650                   |                     |          |
| 10                  |            |         |           |                       |                              |                               |                        |                     |          |





Reduced Power for Hotspot On

| 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      | 128                       | 189   | 251   |                     | 128                       | 189   | 251   |                     |
| Frequency (MHz) | 324.2                     | 436.4 | 448.8 |                     | 324.2                     | 436.4 | 448.8 |                     |
| GSM 1 Tx slot   | 32.21                     | 32.27 | 32.17 | 33.00               | 23.21                     | 23.27 | 23.17 | 24.00               |
| GPRS 1 Tx slot  | 32.09                     | 32.08 | 32.02 | 33.00               | 23.09                     | 23.08 | 23.02 | 24.00               |
| GPRS 2 Tx slots | 31.19                     | 31.30 | 31.29 | 32.00               | 25.19                     | 25.30 | 25.29 | 26.00               |
| GPRS 3 Tx slots | 29.57                     | 29.80 | 29.66 | 30.50               | 25.31                     | 25.54 | 25.40 | 26.24               |
| GPRS 4 Tx slots | 28.54                     | 28.65 | 28.63 | 29.50               | 25.54                     | 25.65 | 25.63 | 26.50               |
| EDGE 1 Tx slot  | 25.67                     | 25.80 | 26.00 | 27.00               | 16.67                     | 16.80 | 17.00 | 18.00               |
| EDGE 2 Tx slots | 24.14                     | 24.35 | 24.23 | 25.50               | 18.14                     | 18.35 | 18.23 | 19.50               |
| EDGE 3 Tx slots | 21.83                     | 22.02 | 21.90 | 23.00               | 17.57                     | 17.76 | 17.64 | 18.74               |
| EDGE 4 Tx slots | 20.57                     | 20.77 | 20.81 | 22.00               | 17.57                     | 17.77 | 17.81 | 19.00               |

| Band                               | WCDMA V |       |       | Tune-up Limit (dBm) |
|------------------------------------|---------|-------|-------|---------------------|
|                                    | 4132    | 4182  | 4233  |                     |
| TX Channel                         | 4132    | 4182  | 4233  |                     |
| Rx Channel                         | 4357    | 4407  | 4458  |                     |
| Frequency (MHz)                    | 826.4   | 836.4 | 846.6 |                     |
| 3GPP Rel 99 AMR 12.2Kbps           | 23.30   | 23.38 | 23.20 | 24.00               |
| 3GPP Rel 99 RMC 12.2Kbps           | 23.42   | 23.45 | 23.32 | 24.00               |
| 3GPP Rel 6 HSDPA Subtest-1         | 22.24   | 22.39 | 22.22 | 23.00               |
| 3GPP Rel 6 HSDPA Subtest-2         | 22.62   | 22.54 | 22.28 | 23.00               |
| 3GPP Rel 6 HSDPA Subtest-3         | 21.94   | 22.27 | 21.89 | 22.50               |
| 3GPP Rel 6 HSDPA Subtest-4         | 21.74   | 22.07 | 21.79 | 22.50               |
| 3GPP Rel 8 DC-HSDPA Subtest-1      | 22.40   | 22.42 | 22.43 | 23.00               |
| 3GPP Rel 8 DC-HSDPA Subtest-2      | 22.08   | 22.32 | 22.42 | 23.00               |
| 3GPP Rel 8 DC-HSDPA Subtest-3      | 21.91   | 22.07 | 21.96 | 22.50               |
| 3GPP Rel 8 DC-HSDPA Subtest-4      | 21.70   | 22.05 | 22.07 | 22.50               |
| 3GPP Rel 6 HSUPA Subtest-1         | 22.16   | 22.54 | 22.31 | 23.00               |
| 3GPP Rel 6 HSUPA Subtest-2         | 20.54   | 20.36 | 20.19 | 21.00               |
| 3GPP Rel 6 HSUPA Subtest-3         | 21.42   | 21.63 | 21.62 | 22.00               |
| 3GPP Rel 6 HSUPA Subtest-4         | 20.43   | 20.53 | 20.39 | 21.00               |
| 3GPP Rel 6 HSUPA Subtest-5         | 22.54   | 22.60 | 22.37 | 23.00               |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | 19.95   | 20.02 | 19.97 | 20.50               |



| Band 5          |            |         |           |                             |                                |                              |          |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|----------|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 20450 | Power Middle Ch. / Freq. 20525 | Power High Ch. / Freq. 20600 | MPR (dB) |
| Channel         |            |         |           | 829                         | 838.5                          | 844                          |          |
| Frequency (MHz) |            |         |           |                             |                                |                              |          |
| 10              | QPSK       | 1       | 0         | 22.78                       | 22.82                          | 22.87                        | 24       |
| 10              | QPSK       | 1       | 25        | 22.81                       | 22.74                          | 22.69                        |          |
| 10              | QPSK       | 1       | 49        | 22.69                       | 22.68                          | 22.53                        |          |
| 10              | QPSK       | 25      | 0         | 21.85                       | 21.80                          | 21.80                        | 23       |
| 10              | QPSK       | 25      | 12        | 21.69                       | 21.82                          | 21.72                        |          |
| 10              | QPSK       | 25      | 25        | 21.63                       | 21.74                          | 21.66                        |          |
| 10              | QPSK       | 50      | 0         | 21.72                       | 21.86                          | 21.78                        | 23       |
| 10              | QPSK       | 1       | 0         | 21.86                       | 21.96                          | 21.81                        |          |
| 10              | QPSK       | 1       | 25        | 21.72                       | 21.82                          | 21.72                        |          |
| 10              | 16QAM      | 1       | 49        | 21.85                       | 20.81                          | 20.82                        | 22       |
| 10              | 16QAM      | 25      | 0         | 20.84                       | 20.92                          | 20.80                        |          |
| 10              | 16QAM      | 25      | 12        | 20.78                       | 20.70                          | 20.71                        |          |
| 10              | 16QAM      | 25      | 25        | 20.81                       | 20.72                          | 20.80                        | 22       |
| 10              | 16QAM      | 50      | 0         | 20.80                       | 20.84                          | 20.74                        |          |
| 10              | 16QAM      | 1       | 0         | 20.79                       | 20.84                          | 20.85                        |          |
| 10              | 64QAM      | 1       | 25        | 20.81                       | 20.81                          | 20.82                        | 22       |
| 10              | 64QAM      | 1       | 49        | 20.67                       | 20.68                          | 20.76                        |          |
| 10              | 64QAM      | 25      | 0         | 19.78                       | 19.89                          | 19.85                        |          |
| 10              | 64QAM      | 25      | 12        | 19.77                       | 19.73                          | 19.67                        | 21       |
| 10              | 64QAM      | 25      | 25        | 19.76                       | 19.72                          | 19.75                        |          |
| 10              | 64QAM      | 50      | 0         | 19.76                       | 19.83                          | 19.73                        |          |
| Channel         |            |         |           | 20425                       | 20525                          | 20625                        |          |
| Frequency (MHz) |            |         |           | 829.5                       | 838.5                          | 846.5                        |          |
| 5               | QPSK       | 1       | 0         | 22.66                       | 22.78                          | 22.64                        | 24       |
| 5               | QPSK       | 1       | 12        | 22.48                       | 22.69                          | 22.58                        |          |
| 5               | QPSK       | 1       | 24        | 22.47                       | 22.54                          | 22.40                        |          |
| 5               | QPSK       | 12      | 0         | 21.76                       | 21.81                          | 21.72                        | 23       |
| 5               | QPSK       | 12      | 7         | 21.57                       | 21.79                          | 21.59                        |          |
| 5               | QPSK       | 12      | 13        | 21.55                       | 21.67                          | 21.58                        |          |
| 5               | QPSK       | 25      | 0         | 21.61                       | 21.71                          | 21.71                        | 23       |
| 5               | 16QAM      | 1       | 0         | 21.73                       | 21.88                          | 21.70                        |          |
| 5               | 16QAM      | 1       | 12        | 21.68                       | 21.72                          | 21.66                        |          |
| 5               | 16QAM      | 1       | 24        | 21.73                       | 21.59                          | 21.63                        | 22       |
| 5               | 16QAM      | 12      | 0         | 20.74                       | 20.82                          | 20.69                        |          |
| 5               | 16QAM      | 12      | 7         | 20.67                       | 20.56                          | 20.63                        |          |
| 5               | 16QAM      | 13      | 0         | 20.88                       | 20.57                          | 20.66                        | 22       |
| 5               | 16QAM      | 25      | 0         | 20.68                       | 20.75                          | 20.62                        |          |
| 5               | 64QAM      | 1       | 0         | 20.65                       | 20.89                          | 20.77                        |          |
| 5               | 64QAM      | 1       | 12        | 20.69                       | 20.66                          | 20.79                        | 22       |
| 5               | 64QAM      | 1       | 24        | 20.64                       | 20.59                          | 20.61                        |          |
| 5               | 64QAM      | 12      | 0         | 19.74                       | 19.65                          | 19.71                        |          |
| 5               | 64QAM      | 12      | 7         | 19.62                       | 19.59                          | 19.55                        | 21       |
| 5               | 64QAM      | 12      | 13        | 19.65                       | 19.67                          | 19.62                        |          |
| 5               | 64QAM      | 25      | 0         | 19.68                       | 19.77                          | 19.65                        |          |
| Channel         |            |         |           | 20415                       | 20525                          | 20635                        |          |
| Frequency (MHz) |            |         |           | 825.5                       | 838.5                          | 847.5                        |          |
| 3               | QPSK       | 1       | 0         | 22.73                       | 22.68                          | 22.53                        | 24       |
| 3               | QPSK       | 1       | 8         | 22.51                       | 22.67                          | 22.63                        |          |
| 3               | QPSK       | 1       | 14        | 22.57                       | 22.62                          | 22.41                        |          |
| 3               | QPSK       | 8       | 0         | 21.77                       | 21.67                          | 21.76                        | 23       |
| 3               | QPSK       | 8       | 4         | 21.60                       | 21.73                          | 21.63                        |          |
| 3               | QPSK       | 8       | 7         | 21.49                       | 21.70                          | 21.51                        |          |
| 3               | QPSK       | 15      | 0         | 21.63                       | 21.75                          | 21.66                        | 23       |
| 3               | 16QAM      | 1       | 0         | 21.82                       | 21.89                          | 21.72                        |          |
| 3               | 16QAM      | 1       | 8         | 21.66                       | 21.70                          | 21.62                        |          |
| 3               | 16QAM      | 1       | 14        | 21.72                       | 21.58                          | 21.60                        | 22       |
| 3               | 16QAM      | 8       | 0         | 20.79                       | 20.87                          | 20.72                        |          |
| 3               | 16QAM      | 8       | 4         | 20.71                       | 20.61                          | 20.61                        |          |
| 3               | 16QAM      | 8       | 7         | 20.77                       | 20.63                          | 20.68                        | 22       |
| 3               | 16QAM      | 15      | 0         | 20.77                       | 20.80                          | 20.63                        |          |
| 3               | 64QAM      | 1       | 0         | 20.69                       | 20.79                          | 20.73                        |          |
| 3               | 64QAM      | 1       | 8         | 20.75                       | 20.74                          | 20.75                        | 22       |
| 3               | 64QAM      | 1       | 14        | 20.61                       | 20.54                          | 20.71                        |          |
| 3               | 64QAM      | 8       | 0         | 19.64                       | 19.76                          | 19.72                        |          |
| 3               | 64QAM      | 8       | 4         | 19.71                       | 19.67                          | 19.61                        | 21       |
| 3               | 64QAM      | 8       | 7         | 19.67                       | 19.61                          | 19.70                        |          |
| 3               | 64QAM      | 15      | 0         | 19.63                       | 19.78                          | 19.67                        |          |
| Channel         |            |         |           | 20407                       | 20525                          | 20633                        |          |
| Frequency (MHz) |            |         |           | 824.7                       | 838.5                          | 846.3                        |          |
| 1.4             | QPSK       | 1       | 0         | 22.70                       | 22.71                          | 22.53                        | 24       |
| 1.4             | QPSK       | 1       | 3         | 22.52                       | 22.64                          | 22.55                        |          |
| 1.4             | QPSK       | 1       | 5         | 22.55                       | 22.58                          | 22.49                        |          |
| 1.4             | QPSK       | 3       | 0         | 22.68                       | 22.77                          | 22.71                        | 23       |
| 1.4             | QPSK       | 3       | 1         | 22.50                       | 22.63                          | 22.57                        |          |
| 1.4             | QPSK       | 3       | 3         | 22.53                       | 22.54                          | 22.52                        |          |
| 1.4             | QPSK       | 6       | 0         | 21.63                       | 21.62                          | 21.73                        | 23       |
| 1.4             | 16QAM      | 1       | 0         | 21.75                       | 21.91                          | 21.73                        |          |
| 1.4             | 16QAM      | 1       | 3         | 21.59                       | 21.68                          | 21.62                        |          |
| 1.4             | 16QAM      | 1       | 5         | 21.69                       | 21.60                          | 21.61                        | 23       |
| 1.4             | 16QAM      | 3       | 0         | 21.72                       | 21.84                          | 21.61                        |          |
| 1.4             | 16QAM      | 3       | 1         | 21.60                       | 21.58                          | 21.59                        |          |
| 1.4             | 16QAM      | 3       | 3         | 21.61                       | 21.54                          | 21.72                        | 22       |
| 1.4             | 16QAM      | 6       | 0         | 20.75                       | 20.69                          | 20.71                        |          |
| 1.4             | 64QAM      | 1       | 0         | 20.69                       | 20.67                          | 20.72                        |          |
| 1.4             | 64QAM      | 1       | 3         | 20.74                       | 20.73                          | 20.79                        | 22       |
| 1.4             | 64QAM      | 1       | 5         | 20.52                       | 20.62                          | 20.70                        |          |
| 1.4             | 64QAM      | 3       | 0         | 20.67                       | 20.60                          | 20.69                        |          |
| 1.4             | 64QAM      | 3       | 1         | 20.64                       | 20.56                          | 20.54                        | 22       |
| 1.4             | 64QAM      | 3       | 3         | 20.56                       | 20.62                          | 20.64                        |          |
| 1.4             | 64QAM      | 6       | 0         | 19.64                       | 19.75                          | 19.63                        |          |

| Band 7          |            |         |           |                             |                                |                              |          |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|----------|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 20559 | Power Middle Ch. / Freq. 21100 | Power High Ch. / Freq. 21350 | MPR (dB) |
| Channel         |            |         |           | 2510                        | 2535                           | 2560                         |          |
| Frequency (MHz) |            |         |           |                             |                                |                              |          |
| 20              | QPSK       | 1       | 0         | 12.81                       | 12.89                          | 12.81                        | 14       |
| 20              | QPSK       | 1       | 49        | 12.70                       | 12.79                          | 12.71                        |          |
| 20              | QPSK       | 1       | 99        | 12.88                       | 12.89                          | 12.73                        |          |
| 20              | QPSK       | 50      | 0         | 12.71                       | 12.83                          | 12.74                        | 14       |
| 20              | QPSK       | 50      | 24        | 12.69                       | 12.76                          | 12.64                        |          |
| 20              | QPSK       | 50      | 50        | 12.76                       | 12.80                          | 12.77                        |          |
| 20              | QPSK       | 100     | 0         | 12.70                       | 12.79                          | 12.73                        | 14       |
| 20              | 16QAM      | 1       | 0         | 12.81                       | 12.85                          | 12.74                        |          |
| 20              | 16QAM      | 1       | 49        | 12.66                       | 12.82                          | 12.75                        |          |
| 20              | 16QAM      | 1       | 99        | 12.55                       | 12.77                          | 12.71                        | 14       |
| 20              | 16QAM      | 50      | 0         | 12.76                       | 12.83                          | 12.78                        |          |
| 20              | 16QAM      | 50      | 24        | 12.74                       | 12.79                          | 12.69                        |          |
| 20              | 16QAM      | 50      | 50        | 12.66                       | 12.78                          | 12.67                        | 14       |
| 20              | 16QAM      | 100     | 0         | 12.67                       | 12.79                          | 12.75                        |          |
| 20              | 64QAM      | 1       | 0         | 12.69                       | 12.81                          | 12.72                        |          |
| 20              | 64QAM      | 1       | 49        | 12.73                       | 12.82                          | 12.72                        | 14       |
| 20              | 64QAM      | 1       | 99        | 12.81                       | 12.76                          | 12.62                        |          |
| 20              | 64QAM      | 50      | 0         | 12.71                       | 12.83                          | 12.70                        |          |
| 20              | 64QAM      | 50      | 24        | 12.74                       | 12.78                          | 12.74                        | 14       |
| 20              | 64QAM      | 50      | 50        | 12.70                       | 12.74                          | 12.67                        |          |
| 20              | 64QAM      | 100     | 0         | 12.78                       | 12.84                          | 12.75                        |          |
| Channel         |            |         |           | 20625                       | 21100                          | 21375                        |          |
| Frequency (MHz) |            |         |           | 2507.5                      | 2535                           | 2562.5                       |          |
| 15              | QPSK       | 1       | 0         | 12.68                       | 12.79                          | 12.68                        | 14       |
| 15              | QPSK       | 1       | 27        | 12.64                       | 12.68                          | 12.58                        |          |
| 15              | QPSK       | 1       | 74        | 12.58                       | 12.77                          | 12.59                        |          |
| 15              | QPSK       | 36      | 0         | 12.68                       | 12.68                          | 12.68                        | 14       |
| 15              | QPSK       | 36      | 20        | 12.65                       | 12.66                          | 12.51                        |          |
| 15              | QPSK       | 36      | 39        | 12.70                       | 12.74                          | 12.70                        |          |
| 15              | QPSK       | 75      | 0         | 12.56                       | 12.74                          | 12.62                        | 14       |
| 15              | 16QAM      | 1       | 0         | 12.67                       | 12.72                          | 12.61                        |          |
| 15              | 16QAM      | 1       | 37        | 12.55                       | 12.76                          | 12.62                        |          |
| 15              | 16QAM      | 1       | 74        | 12.55                       | 12.65                          | 12.63                        | 14       |
| 15              | 16QAM      | 36      | 0         | 12.64                       | 12.70                          | 12.64                        |          |
| 15              | 16QAM      | 36      | 20        | 12.68                       | 12.71                          | 12.55                        |          |
| 15              | 16QAM      | 36      | 39        | 12.63                       | 12.72                          | 12.61                        | 14       |
| 15              | 16QAM      | 75      | 0         | 12.62                       | 12.70                          | 12.65                        |          |
| 15              | 64QAM      | 1       | 0         | 12.56                       | 12.67                          | 12.64                        |          |
| 15              | 64QAM      | 1       | 37        | 12.66                       | 12.73                          | 12.60                        | 14       |
| 15              | 64QAM      | 1       | 74        | 12.56                       | 12.68                          | 12.56                        |          |
| 15              | 64QAM      | 36      | 0         | 12.61                       | 12.74                          | 12.60                        |          |
| 15              | 64QAM      | 36      | 20        | 12.52                       | 12.67                          | 12.65                        | 14       |
| 15              | 64QAM      | 36      | 39        | 12.58                       | 12.63                          | 12.60                        |          |
| 15              | 64QAM      | 75      | 0         | 12.75                       | 12.71                          | 12.65                        |          |
| Channel         |            |         |           | 20800                       | 21100                          | 21400                        |          |
| Frequency (MHz) |            |         |           | 2505                        | 2535                           | 2565                         |          |
| 10              | QPSK       | 1       | 0         | 12.71                       | 12.78                          | 12.72                        | 14       |
| 10              | QPSK       | 1       | 25        | 12.57                       | 12.71                          | 12.57                        |          |
| 10              | QPSK       | 1       | 49        | 12.64                       | 12.75                          | 12.67                        |          |
| 10              | QPSK       | 25      | 0         | 12.67                       | 12.70                          | 12.69                        | 14       |
| 10              | QPSK       | 25      | 12        | 12.58                       | 12.69                          | 12.59                        |          |
| 10              | QPSK       | 25      | 25        | 12.65                       | 12.76                          | 12.71                        |          |
| 10              | QPSK       | 50      | 0         | 12.61                       | 12.71                          | 12.67                        | 14       |
| 10              | 16QAM      | 1       | 0         | 12.75                       | 12.75                          | 12.59                        |          |
| 10              | 16QAM      | 1       | 25        | 12.54                       | 12.69                          | 12.64                        |          |
| 10              | 16QAM      | 1       | 49        | 12.59                       | 12.66                          | 12.64                        | 14       |
| 10              | 16QAM      | 25      | 0         | 12.65                       | 12.77                          | 12.64                        |          |
| 10              | 16QAM      | 25      | 12        | 12.70                       | 12.67                          | 12.60                        |          |
| 10              | 16QAM      | 25      | 25        | 12.53                       | 12.71                          | 12.56                        | 14       |
| 10              | 16QAM      | 50      | 0         | 12.57                       | 12.65                          | 12.66                        |          |
| 10              | 64QAM      | 1       | 0         | 12.57                       | 12.74                          | 12.59                        |          |
| 10              | 64QAM      | 1       | 25        | 12.60                       | 12.68                          | 12.62                        | 14       |
| 10              | 64QAM      | 1       | 49        | 12.54                       | 12.69                          | 12.55                        |          |
| 10              | 64QAM      | 25      | 0         | 12.60                       | 12.77                          | 12.64                        |          |
| 10              | 64QAM      | 25      | 12        | 12.70                       | 12.75                          | 12.66                        | 14       |
| 10              | 64QAM      | 25      | 25        | 12.64                       | 12.64                          | 12.54                        |          |
| 10              | 64QAM      | 50      | 0         | 12.75                       | 12.71                          | 12.70                        |          |
| Channel         |            |         |           | 20775                       | 21100                          | 21405                        |          |
| Frequency (MHz) |            |         |           | 2502.5                      | 2535                           | 2567.5                       |          |
| 5               | QPSK       | 1       | 0         | 12.74                       | 12.82                          | 12.69                        | 14       |
| 5               | QPSK       | 1       | 12        | 12.60                       | 12.67                          | 12.63                        |          |
| 5               | QPSK       | 1       | 24        | 12.62                       | 12.73                          | 12.60                        |          |
| 5               | QPSK       | 12      | 0         | 12.57                       | 12.72                          | 12.68                        | 14       |
| 5               | QPSK       | 12      | 7         | 12.63                       | 12.61                          | 12.59                        |          |
| 5               | QPSK       | 12      | 13        | 12.66                       | 12.71                          | 12.62                        |          |
| 5               | QPSK       | 25      | 0         | 12.55                       | 12.66                          | 12.61                        | 14       |
| 5               | 16QAM      | 1       | 0         | 12.72                       | 12.81                          | 12.71                        |          |
| 5               | 16QAM      | 1       | 12        | 12.64                       | 12.69                          | 12.65                        |          |
| 5               | 16QAM      | 1       | 24        | 12.53                       | 12.66                          | 12.61                        | 14       |
| 5               | 16QAM      | 12      | 0         | 12.64                       | 12.72                          | 12.65                        |          |
| 5               | 16QAM      | 12      | 7         | 12.64                       | 12.64                          | 12.58                        |          |
| 5               | 16QAM      | 12      | 13        | 12.61                       | 12.75                          | 12.62                        | 14       |
| 5               | 16QAM      | 25      | 0         | 12.60                       | 12.65                          | 12.65                        |          |
| 5               | 64QAM      | 1       | 0         | 12.57                       | 12.68                          | 12.58                        |          |
| 5               | 64QAM      | 1       | 12        | 12.68                       | 12.75                          | 12.58                        | 14       |
| 5               | 64QAM      | 1       | 24        | 12.53                       | 12.71                          | 12.49                        |          |
| 5               | 64QAM      | 12      | 0         | 12.66                       | 12.71                          | 12.61                        |          |
| 5               | 64QAM      | 12      | 7         | 12.67                       | 12.64                          | 12.68                        | 14       |
| 5               | 64QAM      | 12      | 13        | 12.59                       | 12.64                          | 12.63                        |          |
| 5               |            |         |           |                             |                                |                              |          |



| Band 38         |                 |         |           |                       |                          |                        |                     |          |  |    |   |  |
|-----------------|-----------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|----|---|--|
| 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         |                 |         |           | 37850                 | 38000                    | 38150                  |                     |          |  |    |   |  |
| Frequency (MHz) |                 |         |           | 2930                  | 2995                     | 2910                   |                     |          |  |    |   |  |
| 20              | QPSK            | 1       | 0         | 15.56                 | 15.80                    | 15.39                  | 16                  | 0        |  |    |   |  |
| 20              | QPSK            | 1       | 49        | 15.50                 | 15.80                    | 15.46                  |                     |          |  |    |   |  |
| 20              | QPSK            | 1       | 99        | 15.48                 | 15.58                    | 15.43                  |                     |          |  |    |   |  |
| 20              | QPSK            | 50      | 0         | 15.47                 | 15.63                    | 15.54                  |                     |          |  |    |   |  |
| 20              | QPSK            | 50      | 24        | 15.47                 | 15.54                    | 15.43                  | 16                  | 0        |  |    |   |  |
| 20              | QPSK            | 50      | 50        | 15.54                 | 15.50                    | 15.58                  |                     |          |  |    |   |  |
| 20              | QPSK            | 100     | 0         | 15.48                 | 15.33                    | 15.42                  |                     |          |  |    |   |  |
| 20              | 16QAM           | 1       | 0         | 15.41                 | 15.54                    | 15.40                  |                     |          |  |    |   |  |
| 20              | 16QAM           | 1       | 49        | 15.60                 | 15.65                    | 15.59                  | 16                  | 0        |  |    |   |  |
| 20              | 16QAM           | 1       | 99        | 15.55                 | 15.61                    | 15.47                  |                     |          |  |    |   |  |
| 20              | 16QAM           | 50      | 0         | 15.58                 | 15.63                    | 15.52                  |                     |          |  |    |   |  |
| 20              | 16QAM           | 50      | 24        | 15.41                 | 15.56                    | 15.30                  |                     |          |  |    |   |  |
| 20              | 16QAM           | 50      | 50        | 15.58                 | 15.61                    | 15.52                  | 16                  | 0        |  |    |   |  |
| 20              | 16QAM           | 50      | 100       | 15.53                 | 15.63                    | 15.53                  |                     |          |  |    |   |  |
| 20              | 16QAM           | 100     | 0         | 15.57                 | 15.62                    | 15.50                  |                     |          |  |    |   |  |
| 20              | 16QAM           | 100     | 49        | 15.46                 | 15.54                    | 15.44                  |                     |          |  |    |   |  |
| 20              | 16QAM           | 1       | 99        | 15.48                 | 15.45                    | 15.45                  | 16                  | 0        |  |    |   |  |
| 20              | 16QAM           | 1       | 49        | 15.55                 | 15.61                    | 15.52                  |                     |          |  |    |   |  |
| 20              | 16QAM           | 50      | 0         | 15.47                 | 15.55                    | 15.46                  |                     |          |  |    |   |  |
| 20              | 16QAM           | 50      | 24        | 15.59                 | 15.63                    | 15.52                  |                     |          |  |    |   |  |
| 20              | 16QAM           | 50      | 50        | 15.55                 | 15.60                    | 15.54                  | 16                  | 0        |  |    |   |  |
| 20              | 16QAM           | 50      | 100       | 15.55                 | 15.62                    | 15.50                  |                     |          |  |    |   |  |
| 20              | 16QAM           | 100     | 0         | 15.55                 | 15.62                    | 15.50                  |                     |          |  |    |   |  |
| 20              | 16QAM           | 100     | 49        | 15.45                 | 15.47                    | 15.40                  |                     |          |  |    |   |  |
| 15              | QPSK            | 1       | 0         | 15.48                 | 15.59                    | 15.46                  | 16                  | 0        |  |    |   |  |
| 15              | QPSK            | 1       | 37        | 15.44                 | 15.47                    | 15.40                  |                     |          |  |    |   |  |
| 15              | QPSK            | 1       | 74        | 15.39                 | 15.45                    | 15.35                  |                     |          |  |    |   |  |
| 15              | QPSK            | 36      | 0         | 15.41                 | 15.57                    | 15.51                  |                     |          |  |    |   |  |
| 15              | QPSK            | 36      | 20        | 15.33                 | 15.43                    | 15.30                  | 16                  | 0        |  |    |   |  |
| 15              | QPSK            | 36      | 39        | 15.41                 | 15.44                    | 15.52                  |                     |          |  |    |   |  |
| 15              | QPSK            | 75      | 0         | 15.36                 | 15.48                    | 15.38                  |                     |          |  |    |   |  |
| 15              | 16QAM           | 1       | 0         | 15.30                 | 15.43                    | 15.25                  |                     |          |  |    |   |  |
| 15              | 16QAM           | 1       | 37        | 15.55                 | 15.55                    | 15.52                  | 16                  | 0        |  |    |   |  |
| 15              | 16QAM           | 1       | 74        | 15.44                 | 15.50                    | 15.41                  |                     |          |  |    |   |  |
| 15              | 16QAM           | 36      | 0         | 15.46                 | 15.57                    | 15.39                  |                     |          |  |    |   |  |
| 15              | 16QAM           | 36      | 20        | 15.32                 | 15.47                    | 15.36                  |                     |          |  |    |   |  |
| 15              | 16QAM           | 36      | 39        | 15.55                 | 15.48                    | 15.40                  | 16                  | 0        |  |    |   |  |
| 15              | 16QAM           | 75      | 0         | 15.46                 | 15.51                    | 15.43                  |                     |          |  |    |   |  |
| 15              | 16QAM           | 1       | 0         | 15.53                 | 15.59                    | 15.38                  |                     |          |  |    |   |  |
| 15              | 16QAM           | 1       | 37        | 15.35                 | 15.47                    | 15.41                  |                     |          |  |    |   |  |
| 15              | 16QAM           | 1       | 74        | 15.42                 | 15.58                    | 15.47                  | 16                  | 0        |  |    |   |  |
| 15              | 16QAM           | 36      | 0         | 15.38                 | 15.52                    | 15.35                  |                     |          |  |    |   |  |
| 15              | 16QAM           | 36      | 20        | 15.53                 | 15.53                    | 15.45                  |                     |          |  |    |   |  |
| 15              | 16QAM           | 36      | 39        | 15.43                 | 15.52                    | 15.42                  |                     |          |  |    |   |  |
| 15              | 16QAM           | 75      | 0         | 15.45                 | 15.58                    | 15.41                  | 16                  | 0        |  |    |   |  |
| Channel         | 37850           | 38000   | 38175     |                       |                          |                        |                     |          |  |    |   |  |
| Channel         | Frequency (MHz) | 2977.5  | 2995      | 2912.5                |                          |                        |                     |          |  |    |   |  |
| 10              | QPSK            | 1       | 0         | 15.50                 | 15.63                    | 15.47                  |                     |          |  | 16 | 0 |  |
| 10              | QPSK            | 1       | 25        | 15.39                 | 15.48                    | 15.35                  |                     |          |  |    |   |  |
| 10              | QPSK            | 1       | 49        | 15.43                 | 15.43                    | 15.38                  |                     |          |  |    |   |  |
| 10              | QPSK            | 25      | 0         | 15.39                 | 15.52                    | 15.44                  |                     |          |  |    |   |  |
| 10              | QPSK            | 25      | 0         | 15.38                 | 15.44                    | 15.40                  | 16                  | 0        |  |    |   |  |
| 10              | QPSK            | 25      | 12        | 15.42                 | 15.44                    | 15.44                  |                     |          |  |    |   |  |
| 10              | QPSK            | 25      | 25        | 15.42                 | 15.39                    | 15.44                  |                     |          |  |    |   |  |
| 10              | QPSK            | 50      | 0         | 15.33                 | 15.42                    | 15.30                  |                     |          |  |    |   |  |
| 10              | 16QAM           | 1       | 0         | 15.28                 | 15.46                    | 15.34                  | 16                  | 0        |  |    |   |  |
| 10              | 16QAM           | 1       | 25        | 15.56                 | 15.55                    | 15.52                  |                     |          |  |    |   |  |
| 10              | 16QAM           | 1       | 49        | 15.51                 | 15.50                    | 15.44                  |                     |          |  |    |   |  |
| 10              | 16QAM           | 25      | 0         | 15.49                 | 15.53                    | 15.39                  |                     |          |  |    |   |  |
| 10              | 16QAM           | 25      | 12        | 15.32                 | 15.44                    | 15.44                  | 16                  | 0        |  |    |   |  |
| 10              | 16QAM           | 25      | 25        | 15.47                 | 15.49                    | 15.48                  |                     |          |  |    |   |  |
| 10              | 16QAM           | 50      | 0         | 15.47                 | 15.55                    | 15.42                  |                     |          |  |    |   |  |
| 10              | 16QAM           | 50      | 0         | 15.47                 | 15.57                    | 15.44                  |                     |          |  |    |   |  |
| 10              | 16QAM           | 1       | 25        | 15.41                 | 15.41                    | 15.33                  | 16                  | 0        |  |    |   |  |
| 10              | 16QAM           | 1       | 49        | 15.47                 | 15.54                    | 15.51                  |                     |          |  |    |   |  |
| 10              | 16QAM           | 25      | 0         | 15.41                 | 15.51                    | 15.35                  |                     |          |  |    |   |  |
| 10              | 16QAM           | 25      | 12        | 15.55                 | 15.52                    | 15.49                  |                     |          |  |    |   |  |
| 10              | 16QAM           | 25      | 25        | 15.47                 | 15.51                    | 15.45                  | 16                  | 0        |  |    |   |  |
| 10              | 16QAM           | 25      | 25        | 15.49                 | 15.51                    | 15.37                  |                     |          |  |    |   |  |
| 10              | 16QAM           | 50      | 0         | 15.49                 | 15.51                    | 15.37                  |                     |          |  |    |   |  |
| Channel         | 3777.5          | 38010   | 38225     |                       |                          |                        |                     |          |  |    |   |  |
| Channel         | Frequency (MHz) | 2972.5  | 2995      | 2897.5                |                          |                        |                     |          |  |    |   |  |
| 5               | QPSK            | 1       | 0         | 15.52                 | 15.63                    | 15.52                  | 16                  | 0        |  |    |   |  |
| 5               | QPSK            | 1       | 12        | 15.44                 | 15.50                    | 15.37                  |                     |          |  |    |   |  |
| 5               | QPSK            | 1       | 24        | 15.38                 | 15.45                    | 15.37                  |                     |          |  |    |   |  |
| 5               | QPSK            | 12      | 0         | 15.43                 | 15.59                    | 15.42                  |                     |          |  |    |   |  |
| 5               | QPSK            | 12      | 7         | 15.33                 | 15.40                    | 15.34                  | 16                  | 0        |  |    |   |  |
| 5               | QPSK            | 12      | 13        | 15.50                 | 15.43                    | 15.64                  |                     |          |  |    |   |  |
| 5               | QPSK            | 25      | 0         | 15.42                 | 15.44                    | 15.27                  |                     |          |  |    |   |  |
| 5               | 16QAM           | 1       | 0         | 15.36                 | 15.50                    | 15.32                  |                     |          |  |    |   |  |
| 5               | 16QAM           | 1       | 12        | 15.48                 | 15.56                    | 15.51                  | 16                  | 0        |  |    |   |  |
| 5               | 16QAM           | 1       | 24        | 15.50                 | 15.54                    | 15.41                  |                     |          |  |    |   |  |
| 5               | 16QAM           | 12      | 0         | 15.52                 | 15.57                    | 15.44                  |                     |          |  |    |   |  |
| 5               | 16QAM           | 12      | 7         | 15.27                 | 15.49                    | 15.44                  |                     |          |  |    |   |  |
| 5               | 16QAM           | 12      | 13        | 15.53                 | 15.52                    | 15.37                  | 16                  | 0        |  |    |   |  |
| 5               | 16QAM           | 25      | 0         | 15.43                 | 15.54                    | 15.43                  |                     |          |  |    |   |  |
| 5               | 16QAM           | 1       | 0         | 15.44                 | 15.51                    | 15.41                  |                     |          |  |    |   |  |
| 5               | 16QAM           | 1       | 12        | 15.40                 | 15.50                    | 15.37                  |                     |          |  |    |   |  |
| 5               | 16QAM           | 1       | 24        | 15.47                 | 15.48                    | 15.44                  | 16                  | 0        |  |    |   |  |
| 5               | 16QAM           | 12      | 0         | 15.34                 | 15.48                    | 15.40                  |                     |          |  |    |   |  |
| 5               | 16QAM           | 12      | 7         | 15.45                 | 15.52                    | 15.43                  |                     |          |  |    |   |  |
| 5               | 16QAM           | 12      | 13        | 15.45                 | 15.55                    | 15.51                  |                     |          |  |    |   |  |
| 5               | 16QAM           | 25      | 0         | 15.50                 | 15.51                    | 15.38                  | 16                  | 0        |  |    |   |  |

| Band 41 (2.6G Band) |                 |         |           |                       |                              |                               |                        |                     |          |    |   |
|---------------------|-----------------|---------|-----------|-----------------------|------------------------------|-------------------------------|------------------------|---------------------|----------|----|---|
| BW [MHz]            | Modulation      | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Low Ch. / Freq. | Power Middle High Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |    |   |
| Channel             |                 |         |           | 40140                 | 40400                        | 40670                         | 41140                  |                     |          |    |   |
| Frequency (MHz)     |                 |         |           | 2945                  | 2971                         | 2998                          | 2945                   |                     |          |    |   |
| 20                  | QPSK            | 1       | 0         | 15.61                 | 15.64                        | 15.71                         | 15.57                  | 16                  | 0        |    |   |
| 20                  | QPSK            | 1       | 49        | 15.46                 | 15.52                        | 15.57                         | 15.48                  |                     |          |    |   |
| 20                  | QPSK            | 1       | 99        | 15.57                 | 15.59                        | 15.67                         | 15.61                  |                     |          |    |   |
| 20                  | QPSK            | 50      | 0         | 15.48                 | 15.46                        | 15.65                         | 15.46                  |                     |          |    |   |
| 20                  | QPSK            | 50      | 24        | 15.57                 | 15.48                        | 15.62                         | 15.50                  | 16                  | 0        |    |   |
| 20                  | QPSK            | 50      | 50        | 15.52                 | 15.50                        | 15.59                         | 15.52                  |                     |          |    |   |
| 20                  | QPSK            | 100     | 0         | 15.61                 | 15.57                        | 15.66                         | 15.60                  |                     |          |    |   |
| 20                  | 16QAM           | 1       | 0         | 15.53                 | 15.55                        | 15.62                         | 15.50                  |                     |          |    |   |
| 20                  | 16QAM           | 1       | 49        | 15.45                 | 15.44                        | 15.57                         | 15.48                  | 16                  | 0        |    |   |
| 20                  | 16QAM           | 1       | 99        | 15.50                 | 15.51                        | 15.57                         | 15.51                  |                     |          |    |   |
| 20                  | 16QAM           | 50      | 0         | 15.44                 | 15.49                        | 15.59                         | 15.52                  |                     |          |    |   |
| 20                  | 16QAM           | 50      | 24        | 15.61                 | 15.53                        | 15.67                         | 15.54                  |                     |          |    |   |
| 20                  | 16QAM           | 50      | 50        | 15.56                 | 15.52                        | 15.62                         | 15.52                  | 16                  | 0        |    |   |
| 20                  | 16QAM           | 100     | 0         | 15.53                 | 15.56                        | 15.59                         | 15.46                  |                     |          |    |   |
| 20                  | 16QAM           | 100     | 0         | 15.53                 | 15.62                        | 15.57                         | 15.50                  |                     |          |    |   |
| 20                  | 16QAM           | 1       | 49        | 15.52                 | 15.47                        | 15.58                         | 15.48                  |                     |          |    |   |
| 20                  | 16QAM           | 1       | 99        | 15.46                 | 15.42                        | 15.56                         | 15.48                  | 16                  | 0        |    |   |
| 20                  | 16QAM           | 50      | 0         | 15.65                 | 15.55                        | 15.62                         | 15.54                  |                     |          |    |   |
| 20                  | 16QAM           | 50      | 24        | 15.57                 | 15.55                        | 15.65                         | 15.50                  |                     |          |    |   |
| 20                  | 16QAM           | 50      | 50        | 15.64                 | 15.63                        | 15.67                         | 15.64                  |                     |          |    |   |
| 20                  | 16QAM           | 100     | 0         | 15.52                 | 15.46                        | 15.57                         | 15.47                  | 16                  | 0        |    |   |
| Channel             | 40115           | 40395   | 40685     | 41165                 |                              |                               |                        |                     |          |    |   |
| Channel             | Frequency (MHz) | 2910.5  | 2938.5    | 2967.5                | 2910.5                       |                               |                        |                     |          |    |   |
| 15                  | QPSK            | 1       | 0         | 15.48                 | 15.53                        | 15.58                         | 15.42                  |                     |          | 16 | 0 |
| 15                  | QPSK            | 1       | 37        | 15.32                 | 15.48                        | 15.50                         | 15.39                  |                     |          |    |   |
| 15                  | QPSK            | 1       | 74        | 15.53                 | 15.52                        | 15.63                         | 15.47                  |                     |          |    |   |
| 15                  | QPSK            | 36      | 0         | 15.44                 | 15.34                        | 15.61                         | 15.43                  |                     |          |    |   |
| 15                  | QPSK            | 36      | 20        | 15.44                 | 15.38                        | 15.59                         | 15.46                  | 16                  | 0        |    |   |
| 15                  | QPSK            | 36      | 39        | 15.41                 | 15.46                        | 15.48                         | 15.39                  |                     |          |    |   |
| 15                  | QPSK            | 75      | 0         | 15.37                 | 15.49                        | 15.51                         | 15.47                  |                     |          |    |   |
| 15                  | 16QAM           | 1       | 0         | 15.45                 | 15.43                        | 15.59                         | 15.37                  |                     |          |    |   |
| 15                  | 16QAM           | 1       | 37        | 15.35                 | 15.29                        | 15.51                         | 15.36                  | 16                  | 0        |    |   |
| 15                  | 16QAM           | 1       | 74        | 15.44                 | 15.39                        | 15.48                         | 15.44                  |                     |          |    |   |
| 15                  | 16QAM           | 36      | 0         | 15.33                 | 15.35                        | 15.56                         | 15.47                  |                     |          |    |   |
| 15                  | 16QAM           | 36      | 20        | 15.51                 | 15.43                        | 15.52                         | 15.46                  |                     |          |    |   |
| 15                  | 16QAM           | 36      | 39        | 15.48                 | 15.42                        | 15.50                         | 15.45                  | 16                  | 0        |    |   |
| 15                  | 16QAM           | 75      | 0         | 15.38                 | 15.45                        | 15.52                         | 15.40                  |                     |          |    |   |
| 15                  | 16QAM           | 1       | 0         | 15.49                 | 15.33                        | 15.43                         | 15.43                  |                     |          |    |   |
| 15                  | 16QAM           | 1       | 37        | 15.48                 | 15.33                        | 15.50                         | 15.37                  |                     |          |    |   |
| 15                  | 16QAM           | 1       | 74        | 15.41                 | 15.36                        | 15.50                         | 15.44                  | 16                  | 0        |    |   |
| 15                  | 16QAM           | 36      | 0         | 15.49                 | 15.52                        | 15.58                         | 15.44                  |                     |          |    |   |
| 15                  | 16QAM           | 36      | 20        | 15.60                 | 15.45                        | 15.58                         | 15.42                  |                     |          |    |   |
| 15                  | 16QAM           | 36      | 39        | 15.55                 | 15.56                        | 15.57                         | 15.58                  |                     |          |    |   |
| 15                  | 16QAM           | 75      | 0         | 15.46                 | 15.35                        | 15.53                         | 15.34                  | 16                  | 0        |    |   |
| Channel             | 40090           | 40360   | 40650     | 41130                 |                              |                               |                        |                     |          |    |   |
| Channel             | Frequency (MHz) | 2940    | 2970      | 2960                  | 2950                         |                               |                        |                     |          |    |   |
| 10                  | QPSK            | 1       | 0         | 15.47                 | 15.60                        | 15.66                         | 15.50                  |                     |          | 16 | 0 |



### Conducted Power for WLAN/BT

| Ant 1       |                   | Full Power<br>For Head SAR<br>For Body-worn SAR<br>For Extremity SAR<br>For Hotspot SAR |                     |               |              |       |
|-------------|-------------------|---|---------------------|---------------|--------------|-------|
| Mode        | Channel           | Frequency (MHz)   | Average power (dBm) | Tune-Up Limit | Duty Cycle % |       |
| 2.4GHz WLAN | 802.11b 1Mbps     | 1   | 2412                | 17.84         | 19.50        | 99.31 |
|             |                   | 6   | 2437                | 17.76         | 19.50        |       |
|             |                   | 11  | 2462                | 18.02         | 19.50        |       |
|             | 802.11g 6Mbps     | 1   | 2412                | 15.78         | 17.50        | 96.98 |
|             |                   | 6   | 2437                | 17.14         | 18.50        |       |
|             |                   | 11  | 2462                | 18.36         | 18.00        |       |
|             | 802.11n-HT20 MCS0 | 1   | 2412                | 14.59         | 16.50        | 96.76 |
|             |                   | 6   | 2437                | 16.67         | 18.50        |       |
|             |                   | 11  | 2462                | 15.10         | 17.00        |       |
|             | 802.11n-HT40 MCS0 | 3   | 2422                | 12.70         | 14.50        | 93.74 |
|             |                   | 6   | 2437                | 16.04         | 17.50        |       |
|             |                   | 9   | 2452                | 13.44         | 15.00        |       |

| Ant 1       |                     | Full Power      |                     | For Head SAR  |                     | For Body-worn SAR<br>For Extremity SAR<br>For Hotspot SAR |                     |               |              |       |
|-------------|---------------------|-----------------|---------------------|---------------|---------------------|---|---------------------|---------------|--------------|-------|
| Mode        | Channel             | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit   | Average power (dBm) | Tune-Up Limit | Duty Cycle % |       |
| 5.2GHz WLAN | 802.11a 6Mbps       | 36              | 5180                | 14.45         | 16.00               | Not Required  | 16.00               | Not Required  | 16.00        | 96.97 |
|             |                     | 40              | 5200                | 17.95         | 19.50               |   | 16.00               |               |              |       |
|             |                     | 44              | 5220                | 17.72         | 19.50               |   | 16.00               |               |              |       |
|             |                     | 48              | 5240                | 17.70         | 19.50               |   | 16.00               |               |              |       |
|             | 802.11n-HT20 MCS0   | 36              | 5180                | 14.67         | 16.50               | Not Required  | 16.50               | Not Required  | 16.00        | 96.77 |
|             |                     | 40              | 5200                | 17.30         | 19.00               |   | 16.50               |               |              |       |
|             |                     | 44              | 5220                | 17.11         | 19.00               |   | 16.50               |               |              |       |
|             |                     | 48              | 5240                | 17.06         | 19.00               |   | 16.50               |               |              |       |
|             | 802.11n-HT40 MCS0   | 38              | 5190                | 10.13         | 12.00               | Not Required  | 12.00               | 10.13         | 12.00        | 93.73 |
|             |                     | 46              | 5230                | 16.01         | 17.50               |   | 17.50               | 14.11         | 16.00        |       |
|             | 802.11ac-VHT20 MCS0 | 36              | 5180                | 14.69         | 16.50               | Not Required  | 16.50               | Not Required  | 16.00        | 96.79 |
|             |                     | 40              | 5200                | 17.35         | 19.00               |   | 18.50               |               |              |       |
|             |                     | 44              | 5220                | 17.24         | 19.00               |   | 18.50               |               |              |       |
|             |                     | 48              | 5240                | 17.09         | 19.00               |   | 18.50               |               |              |       |
|             | 802.11ac-VHT40 MCS0 | 38              | 5190                | 10.07         | 12.00               | Not Required  | 10.07               | 12.00         | 16.00        | 92.96 |
|             |                     | 46              | 5230                | 16.67         | 18.50               |   | 16.67               | 18.50         |              |       |
|             | 802.11ac-VHT80 MCS0 | 42              | 5210                | 13.52         | 15.00               | Not Required  | 15.00               | 15.00         | 15.00        | 87.16 |

| Ant 1       |                     | Full Power      |                     | For Head SAR  |                     | For Body-worn SAR<br>For Extremity SAR |                     |               |              |       |       |
|-------------|---------------------|-----------------|---------------------|---------------|---------------------|--|---------------------|---------------|--------------|-------|-------|
| Mode        | Channel             | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit                          | Average power (dBm) | Tune-Up Limit | Duty Cycle % |       |       |
| 5.3GHz WLAN | 802.11a 6Mbps       | 52              | 5290                | 17.75         | 19.50               | Not Required                           | 19.50               | Not Required  | 16.00        | 96.97 |       |
|             |                     | 56              | 5290                | 17.71         | 19.50               |  | 19.50               |               |              |       |       |
|             |                     | 60              | 5300                | 17.77         | 19.50               |  | 19.50               |               |              |       |       |
|             |                     | 64              | 5320                | 15.16         | 17.00               |  | 17.00               |               |              |       |       |
|             | 802.11n-HT20 MCS0   | 52              | 5290                | 17.29         | 19.00               | Not Required                           | 19.00               | Not Required  | 16.00        | 96.77 |       |
|             |                     | 56              | 5290                | 17.18         | 19.00               |  | 19.50               |               |              |       |       |
|             |                     | 60              | 5300                | 17.15         | 19.00               |  | 19.50               |               |              |       |       |
|             |                     | 64              | 5320                | 14.66         | 16.50               |  | 16.50               |               |              |       |       |
|             | 802.11n-HT40 MCS0   | 54              | 5270                | 17.13         | 19.00               | Not Required                           | 16.68               | 18.50         | 14.01        | 16.00 | 93.73 |
|             |                     | 62              | 5310                | 14.36         | 16.00               |  | 14.36               | 16.00         | 13.85        | 15.50 |       |
|             | 802.11ac-VHT20 MCS0 | 52              | 5260                | 17.31         | 19.00               | Not Required                           | 18.50               | Not Required  | 16.00        | 96.79 |       |
|             |                     | 56              | 5280                | 17.20         | 19.00               |  | 18.50               |               |              |       |       |
|             |                     | 60              | 5300                | 17.23         | 19.00               |  | 18.50               |               |              |       |       |
|             |                     | 64              | 5320                | 14.73         | 16.50               |  | 16.50               |               |              |       |       |
|             | 802.11ac-VHT40 MCS0 | 54              | 5270                | 16.82         | 18.50               | Not Required                           | 18.50               | Not Required  | 16.00        | 92.96 |       |
|             |                     | 62              | 5310                | 14.35         | 16.00               |  | 16.00               |               |              |       | 16.00 |
|             | 802.11ac-VHT80 MCS0 | 58              | 5290                | 12.18         | 14.00               | Not Required                           | 14.00               | 14.00         | 14.00        | 87.16 |       |

| Ant 1       |                     | Full Power      |                     | For Head SAR  |                     | For Body-worn SAR<br>For Extremity SAR |                     |               |              |       |       |
|-------------|---------------------|-----------------|---------------------|---------------|---------------------|--|---------------------|---------------|--------------|-------|-------|
| Mode        | Channel             | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit                          | Average power (dBm) | Tune-Up Limit | Duty Cycle % |       |       |
| 5.5GHz WLAN | 802.11a 6Mbps       | 100             | 5500                | 15.62         | 17.00               | Not Required                           | 17.00               | Not Required  | 17.00        | 96.97 |       |
|             |                     | 116             | 5580                | 17.54         | 19.00               |  | 18.00               |               |              |       |       |
|             |                     | 132             | 5660                | 17.41         | 19.00               |  | 18.00               |               |              |       |       |
|             |                     | 140             | 5700                | 14.02         | 15.50               |  | 15.50               |               |              |       |       |
|             | 802.11n-HT20 MCS0   | 100             | 5500                | 15.03         | 16.50               | Not Required                           | 16.50               | Not Required  | 16.50        | 96.77 |       |
|             |                     | 116             | 5580                | 17.09         | 19.00               |  | 18.00               |               |              |       |       |
|             |                     | 132             | 5660                | 16.86         | 18.50               |  | 18.00               |               |              |       |       |
|             |                     | 140             | 5700                | 14.13         | 16.00               |  | 16.00               |               |              |       |       |
|             | 802.11n-HT40 MCS0   | 102             | 5510                | 12.23         | 14.00               | Not Required                           | 12.23               | 14.00         | 12.23        | 14.00 | 93.73 |
|             |                     | 110             | 5550                | 17.07         | 18.50               |  | 16.70               | 18.00         | 15.33        | 17.00 |       |
|             |                     | 134             | 5670                | 16.82         | 18.50               |  | 16.30               | 18.00         | 15.24        | 17.00 |       |
|             |                     | 100             | 5500                | 15.06         | 16.50               |  | 16.50               | Not Required  | Not Required | 16.50 |       |
|             | 116                 | 5580            | 17.11               | 19.00         | 18.00               |  |                     |               |              |       |       |
|             | 132                 | 5660            | 16.81               | 18.50         | 18.00               |  |                     |               |              |       |       |
|             | 140                 | 5700            | 14.15               | 16.00         | 16.00               |  |                     |               |              |       |       |
|             | 802.11ac-VHT20 MCS0 | 102             | 5510                | 12.21         | 14.00               | Not Required                           | 14.00               | Not Required  | 14.00        | 92.96 |       |
|             |                     | 110             | 5550                | 16.74         | 18.00               |  | 18.00               |               |              |       | 17.00 |
|             | 802.11ac-VHT40 MCS0 | 134             | 5670                | 16.39         | 18.00               | Not Required                           | 18.00               | Not Required  | 17.00        | 92.96 |       |
|             |                     | 106             | 5530                | 13.67         | 15.50               |  | 15.50               |               |              |       | 15.50 |
|             | 802.11ac-VHT80 MCS0 | 106             | 5530                | 13.67         | 15.50               | Not Required                           | 15.50               | 14.71         | 16.00        | 87.16 |       |

| Ant 1       |                     | Full Power      |                     | For Head SAR  |                     | For Body-worn SAR<br>For Extremity SAR<br>For Hotspot SAR |                     |               |              |       |
|-------------|---------------------|-----------------|---------------------|---------------|---------------------|---|---------------------|---------------|--------------|-------|
| Mode        | Channel             | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit   | Average power (dBm) | Tune-Up Limit | Duty Cycle % |       |
| 5.8GHz WLAN | 802.11a 6Mbps       | 149             | 5745                | 17.24         | 19.00               | Not Required  | 18.00               | Not Required  | 16.00        | 96.97 |
|             |                     | 157             | 5785                | 17.52         | 19.00               |   | 18.00               |               |              |       |
|             |                     | 165             | 5825                | 17.35         | 19.00               |   | 18.00               |               |              |       |
|             | 802.11n-HT20 MCS0   | 149             | 5745                | 16.80         | 18.50               | Not Required  | 18.00               | Not Required  | 16.00        | 96.77 |
|             |                     | 157             | 5785                | 17.01         | 18.50               |   | 18.00               |               |              |       |
|             |                     | 165             | 5825                | 16.76         | 18.50               |   | 18.00               |               |              |       |
|             | 802.11n-HT40 MCS0   | 151             | 5755                | 16.93         | 18.50               | Not Required  | 16.48               | 18.00         | 16.00        | 93.73 |
|             |                     | 159             | 5795                | 16.85         | 18.50               |   | 16.25               | 18.00         | 16.00        |       |
|             | 802.11ac-VHT20 MCS0 | 149             | 5745                | 16.82         | 18.50               | Not Required  | 18.00               | Not Required  | 16.00        | 96.79 |
|             |                     | 157             | 5785                | 17.07         | 18.50               |   | 18.00               |               |              |       |
|             |                     | 165             | 5825                | 16.86         | 18.50               |   | 18.00               |               |              |       |
|             | 802.11ac-VHT40 MCS0 | 151             | 5755                | 16.30         | 18.00               | Not Required  | 18.00               | Not Required  | 16.00        | 92.96 |
|             |                     | 159             | 5795                | 16.39         | 18.00               |   | 16.00               |               |              |       |
|             | 802.11ac-VHT80 MCS0 | 155             | 5775                | 16.02         | 17.50               | Not Required  | 17.50               | 14.71         | 16.00        | 87.16 |

**BT BR/EDR**

| Mode     | Channel | Frequency (MHz) | Average power (dBm) |       |       | Tune-up Limit |
|----------|---------|-----------------|---------------------|-------|-------|---------------|
|          |         |                 | 1Mbps               | 2Mbps | 3Mbps |               |
| BR / EDR | CH 00   | 2402            | 10.42               | 7.87  | 8.17  | 12.00         |
|          | CH 39   | 2441            | 10.01               | 7.94  | 7.97  | 11.50         |
|          | CH 78   | 2480            | 9.65                | 7.85  | 8.06  | 11.50         |

**BLE 1M**

| Mode          | Channel | Frequency (MHz) | Average power (dBm) |
|---------------|---------|-----------------|---------------------|
| LE            | CH 00   | 2402            | 5.32                |
|               | CH 19   | 2440            | 6.28                |
|               | CH 39   | 2480            | 4.97                |
| Tune-up Limit |         |                 | 7                   |

**BLE 2M**

| Mode          | Channel | Frequency (MHz) | Average power (dBm) |
|---------------|---------|-----------------|---------------------|
| LE            | CH 00   | 2402            | 5.43                |
|               | CH 19   | 2440            | 6.23                |
|               | CH 39   | 2480            | 5.37                |
| Tune-up Limit |         |                 | 7.00                |