

| UID   | Rev | Communication System Name                  | Group     | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|--------------------------------------------|-----------|----------|--------------------------|
| 10620 | AAD | VHT40, MCS4 (81.0 Mbps), 89.2% DC          | WLAN      | 8.87     | ±9.6                     |
| 10621 | AAD | VHT40, MCS5 (108.0 Mbps), 88.9% DC         | WLAN      | 8.77     | ±9.6                     |
| 10622 | AAD | VHT40, MCS6 (121.5 Mbps), 88.8% DC         | WLAN      | 8.68     | ±9.6                     |
| 10623 | AAD | VHT40, MCS7 (135.0 Mbps), 88.6% DC         | WLAN      | 8.82     | ±9.6                     |
| 10624 | AAD | VHT40, MCS8 (162.0 Mbps), 88.4% DC         | WLAN      | 8.96     | ±9.6                     |
| 10625 | AAD | VHT40, MCS9 (180.0 Mbps), 88.2% DC         | WLAN      | 8.96     | ±9.6                     |
| 10626 | AAD | VHT80, MCS0 (29.3 Mbps), 90.0% DC          | WLAN      | 8.83     | ±9.6                     |
| 10627 | AAD | VHT80, MCS1 (58.5 Mbps), 90.0% DC          | WLAN      | 8.88     | ±9.6                     |
| 10628 | AAD | VHT80, MCS2 (87.8 Mbps), 90.0% DC          | WLAN      | 8.71     | ±9.6                     |
| 10629 | AAD | VHT80, MCS3 (117.0 Mbps), 90.0% DC         | WLAN      | 8.85     | ±9.6                     |
| 10630 | AAD | VHT80, MCS4 (175.5 Mbps), 90.0% DC         | WLAN      | 8.72     | ±9.6                     |
| 10631 | AAD | VHT80, MCS5 (234.0 Mbps), 90.0% DC         | WLAN      | 8.81     | ±9.6                     |
| 10632 | AAD | VHT80, MCS6 (263.3 Mbps), 90.0% DC         | WLAN      | 8.74     | ±9.6                     |
| 10633 | AAD | VHT80, MCS7 (292.5 Mbps), 90.0% DC         | WLAN      | 8.83     | ±9.6                     |
| 10634 | AAD | VHT80, MCS8 (351.0 Mbps), 90.0% DC         | WLAN      | 8.80     | ±9.6                     |
| 10635 | AAD | VHT80, MCS9 (390.0 Mbps), 90.0% DC         | WLAN      | 8.81     | ±9.6                     |
| 10636 | AAE | VHT160, MCS0 (58.5 Mbps), 90.0% DC         | WLAN      | 8.83     | ±9.6                     |
| 10637 | AAE | VHT160, MCS1 (117.0 Mbps), 90.0% DC        | WLAN      | 8.79     | ±9.6                     |
| 10638 | AAE | VHT160, MCS2 (175.5 Mbps), 90.0% DC        | WLAN      | 8.86     | ±9.6                     |
| 10639 | AAE | VHT160, MCS3 (234.0 Mbps), 90.0% DC        | WLAN      | 8.85     | ±9.6                     |
| 10640 | AAE | VHT160, MCS4 (351.0 Mbps), 90.0% DC        | WLAN      | 8.98     | ±9.6                     |
| 10641 | AAE | VHT160, MCS5 (468.0 Mbps), 90.0% DC        | WLAN      | 9.06     | ±9.6                     |
| 10642 | AAE | VHT160, MCS6 (526.5 Mbps), 90.0% DC        | WLAN      | 9.06     | ±9.6                     |
| 10643 | AAE | VHT160, MCS7 (585.0 Mbps), 90.0% DC        | WLAN      | 8.89     | ±9.6                     |
| 10644 | AAE | VHT160, MCS8 (702.0 Mbps), 90.0% DC        | WLAN      | 9.05     | ±9.6                     |
| 10645 | AAE | VHT160, MCS9 (780.0 Mbps), 90.0% DC        | WLAN      | 9.11     | ±9.6                     |
| 10646 | AAH | 5.0 MHz, QPSK, UL/DL CFG: 2, SSC: 4, 1 RB  | LTE-TDD   | 11.96    | ±9.6                     |
| 10647 | AAG | 20.0 MHz, QPSK, UL/DL CFG: 2, SSC: 7, 1 RB | LTE-TDD   | 11.96    | ±9.6                     |
| 10648 | AAA | RC8, SO75, 1xAdvanced                      | CDMA2000  | 3.45     | ±9.6                     |
| 10670 | AAA | LE, Test, GFSK                             | Bluetooth | 2.19     | ±9.6                     |
| 10671 | AAC | ET20, MCS0 (8.6 Mbps), 90.0% DC            | WLAN      | 9.09     | ±9.6                     |
| 10672 | AAC | ET20, MCS1 (17.0 Mbps), 90.0% DC           | WLAN      | 8.57     | ±9.6                     |
| 10673 | AAC | ET20, MCS2 (26.0 Mbps), 90.0% DC           | WLAN      | 8.78     | ±9.6                     |
| 10674 | AAC | ET20, MCS3 (34.0 Mbps), 90.0% DC           | WLAN      | 8.74     | ±9.6                     |
| 10675 | AAC | ET20, MCS4 (52.0 Mbps), 90.0% DC           | WLAN      | 8.90     | ±9.6                     |
| 10676 | AAC | ET20, MCS5 (69.0 Mbps), 90.0% DC           | WLAN      | 8.77     | ±9.6                     |
| 10677 | AAC | ET20, MCS6 (77.0 Mbps), 90.0% DC           | WLAN      | 8.73     | ±9.6                     |
| 10678 | AAC | ET20, MCS7 (86.0 Mbps), 90.0% DC           | WLAN      | 8.78     | ±9.6                     |
| 10679 | AAC | ET20, MCS8 (103.0 Mbps), 90.0% DC          | WLAN      | 8.89     | ±9.6                     |
| 10680 | AAC | ET20, MCS9 (115.0 Mbps), 90.0% DC          | WLAN      | 8.80     | ±9.6                     |
| 10681 | AAC | ET20, MCS10 (122.0 Mbps), 90.0% DC         | WLAN      | 8.62     | ±9.6                     |
| 10682 | AAC | ET20, MCS11 (135.0 Mbps), 90.0% DC         | WLAN      | 8.83     | ±9.6                     |
| 10683 | AAC | ET20, MCS0 (8.6 Mbps), 100.0% DC           | WLAN      | 8.42     | ±9.6                     |
| 10684 | AAC | ET20, MCS1 (17.0 Mbps), 100.0% DC          | WLAN      | 8.26     | ±9.6                     |
| 10685 | AAC | ET20, MCS2 (26.0 Mbps), 100.0% DC          | WLAN      | 8.33     | ±9.6                     |
| 10686 | AAC | ET20, MCS3 (34.0 Mbps), 100.0% DC          | WLAN      | 8.28     | ±9.6                     |
| 10687 | AAC | ET20, MCS4 (52.0 Mbps), 100.0% DC          | WLAN      | 8.45     | ±9.6                     |
| 10688 | AAC | ET20, MCS5 (69.0 Mbps), 100.0% DC          | WLAN      | 8.29     | ±9.6                     |
| 10689 | AAC | ET20, MCS6 (77.0 Mbps), 100.0% DC          | WLAN      | 8.55     | ±9.6                     |
| 10690 | AAC | ET20, MCS7 (86.0 Mbps), 100.0% DC          | WLAN      | 8.29     | ±9.6                     |
| 10691 | AAC | ET20, MCS8 (103.0 Mbps), 100.0% DC         | WLAN      | 8.25     | ±9.6                     |
| 10692 | AAC | ET20, MCS9 (115.0 Mbps), 100.0% DC         | WLAN      | 8.29     | ±9.6                     |
| 10693 | AAC | ET20, MCS10 (122.0 Mbps), 100.0% DC        | WLAN      | 8.25     | ±9.6                     |
| 10694 | AAC | ET20, MCS11 (135.0 Mbps), 100.0% DC        | WLAN      | 8.57     | ±9.6                     |
| 10695 | AAC | ET40, MCS0 (17.2 Mbps), 89.8% DC           | WLAN      | 8.78     | ±9.6                     |
| 10696 | AAC | ET40, MCS1 (34.0 Mbps), 89.8% DC           | WLAN      | 8.91     | ±9.6                     |
| 10697 | AAC | ET40, MCS2 (52.0 Mbps), 89.7% DC           | WLAN      | 8.61     | ±9.6                     |
| 10698 | AAC | ET40, MCS3 (69.0 Mbps), 89.7% DC           | WLAN      | 8.89     | ±9.6                     |
| 10699 | AAC | ET40, MCS4 (103.0 Mbps), 89.9% DC          | WLAN      | 8.82     | ±9.6                     |
| 10700 | AAC | ET40, MCS5 (138.0 Mbps), 89.8% DC          | WLAN      | 8.73     | ±9.6                     |
| 10701 | AAC | ET40, MCS6 (155.0 Mbps), 89.8% DC          | WLAN      | 8.86     | ±9.6                     |
| 10702 | AAC | ET40, MCS7 (172.0 Mbps), 89.8% DC          | WLAN      | 8.70     | ±9.6                     |
| 10703 | AAC | ET40, MCS8 (207.0 Mbps), 89.8% DC          | WLAN      | 8.82     | ±9.6                     |
| 10704 | AAC | ET40, MCS9 (229.0 Mbps), 89.8% DC          | WLAN      | 8.56     | ±9.6                     |
| 10705 | AAC | ET40, MCS10 (258.0 Mbps), 89.8% DC         | WLAN      | 8.69     | ±9.6                     |
| 10706 | AAC | ET40, MCS11 (267.0 Mbps), 89.8% DC         | WLAN      | 8.66     | ±9.6                     |

| UID   | Rev | Communication System Name                        | Group         | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|--------------------------------------------------|---------------|----------|--------------------------|
| 10707 | AAC | ET40, MCS0 (17.2 Mbps), 99.8% DC                 | WLAN          | 8.32     | ±9.6                     |
| 10708 | AAC | ET40, MCS1 (34.0 Mbps), 99.7% DC                 | WLAN          | 8.55     | ±9.6                     |
| 10709 | AAC | ET40, MCS2 (52.0 Mbps), 99.7% DC                 | WLAN          | 8.33     | ±9.6                     |
| 10710 | AAC | ET40, MCS3 (69.0 Mbps), 99.7% DC                 | WLAN          | 8.29     | ±9.6                     |
| 10711 | AAC | ET40, MCS4 (103.0 Mbps), 99.8% DC                | WLAN          | 8.39     | ±9.6                     |
| 10712 | AAC | ET40, MCS5 (138.0 Mbps), 99.8% DC                | WLAN          | 8.67     | ±9.6                     |
| 10713 | AAC | ET40, MCS6 (155.0 Mbps), 99.8% DC                | WLAN          | 8.33     | ±9.6                     |
| 10714 | AAC | ET40, MCS7 (172.0 Mbps), 99.8% DC                | WLAN          | 8.26     | ±9.6                     |
| 10715 | AAC | ET40, MCS8 (207.0 Mbps), 99.8% DC                | WLAN          | 8.45     | ±9.6                     |
| 10716 | AAC | ET40, MCS9 (229.0 Mbps), 99.8% DC                | WLAN          | 8.30     | ±9.6                     |
| 10717 | AAC | ET40, MCS10 (258.0 Mbps), 99.8% DC               | WLAN          | 8.48     | ±9.6                     |
| 10718 | AAC | ET40, MCS11 (267.0 Mbps), 99.8% DC               | WLAN          | 8.24     | ±9.6                     |
| 10719 | AAC | ET80, MCS0 (36.0 Mbps), 90.0% DC                 | WLAN          | 8.81     | ±9.6                     |
| 10720 | AAC | ET80, MCS1 (72.1 Mbps), 90.0% DC                 | WLAN          | 8.87     | ±9.6                     |
| 10721 | AAC | ET80, MCS2 (108.1 Mbps), 90.0% DC                | WLAN          | 8.76     | ±9.6                     |
| 10722 | AAC | ET80, MCS3 (144.1 Mbps), 90.0% DC                | WLAN          | 8.55     | ±9.6                     |
| 10723 | AAC | ET80, MCS4 (216.2 Mbps), 90.0% DC                | WLAN          | 8.70     | ±9.6                     |
| 10724 | AAC | ET80, MCS5 (288.2 Mbps), 90.0% DC                | WLAN          | 8.90     | ±9.6                     |
| 10725 | AAC | ET80, MCS6 (324.4 Mbps), 90.0% DC                | WLAN          | 8.74     | ±9.6                     |
| 10726 | AAC | ET80, MCS7 (360.3 Mbps), 90.0% DC                | WLAN          | 8.72     | ±9.6                     |
| 10727 | AAC | ET80, MCS8 (432.4 Mbps), 90.0% DC                | WLAN          | 8.66     | ±9.6                     |
| 10728 | AAC | ET80, MCS9 (480.4 Mbps), 90.0% DC                | WLAN          | 8.65     | ±9.6                     |
| 10729 | AAC | ET80, MCS10 (540.4 Mbps), 90.0% DC               | WLAN          | 8.64     | ±9.6                     |
| 10730 | AAC | ET80, MCS11 (72.0 Mbps), 90.0% DC                | WLAN          | 8.67     | ±9.6                     |
| 10731 | AAC | ET80, MCS0 (36.0 Mbps), 100.0% DC                | WLAN          | 8.42     | ±9.6                     |
| 10732 | AAC | ET80, MCS1 (72.1 Mbps), 100.0% DC                | WLAN          | 8.46     | ±9.6                     |
| 10733 | AAC | ET80, MCS2 (108.1 Mbps), 100.0% DC               | WLAN          | 8.40     | ±9.6                     |
| 10734 | AAC | ET80, MCS3 (144.1 Mbps), 100.0% DC               | WLAN          | 8.25     | ±9.6                     |
| 10735 | AAC | ET80, MCS4 (216.2 Mbps), 100.0% DC               | WLAN          | 8.33     | ±9.6                     |
| 10736 | AAC | ET80, MCS5 (288.2 Mbps), 100.0% DC               | WLAN          | 8.27     | ±9.6                     |
| 10737 | AAC | ET80, MCS6 (324.4 Mbps), 100.0% DC               | WLAN          | 8.36     | ±9.6                     |
| 10738 | AAC | ET80, MCS7 (360.3 Mbps), 100.0% DC               | WLAN          | 8.42     | ±9.6                     |
| 10739 | AAC | ET80, MCS8 (432.4 Mbps), 100.0% DC               | WLAN          | 8.29     | ±9.6                     |
| 10740 | AAC | ET80, MCS9 (480.4 Mbps), 100.0% DC               | WLAN          | 8.48     | ±9.6                     |
| 10741 | AAC | ET80, MCS10 (540.4 Mbps), 100.0% DC              | WLAN          | 8.40     | ±9.6                     |
| 10742 | AAC | ET80, MCS11 (600.5 Mbps), 100.0% DC              | WLAN          | 8.43     | ±9.6                     |
| 10743 | AAC | ET160, MCS0 (72.0 Mbps), 88.2% DC                | WLAN          | 8.94     | ±9.6                     |
| 10744 | AAC | ET160, MCS1 (144.0 Mbps), 87.1% DC               | WLAN          | 9.16     | ±9.6                     |
| 10745 | AAC | ET160, MCS2 (216.0 Mbps), 87.4% DC               | WLAN          | 8.93     | ±9.6                     |
| 10746 | AAC | ET160, MCS3 (282.0 Mbps), 87.1% DC               | WLAN          | 9.11     | ±9.6                     |
| 10747 | AAC | ET160, MCS4 (432.0 Mbps), 87.4% DC               | WLAN          | 9.04     | ±9.6                     |
| 10748 | AAC | ET160, MCS5 (576.0 Mbps), 86.8% DC               | WLAN          | 8.93     | ±9.6                     |
| 10749 | AAC | ET160, MCS6 (649.0 Mbps), 86.7% DC               | WLAN          | 8.90     | ±9.6                     |
| 10750 | AAC | ET160, MCS7 (721.0 Mbps), 86.7% DC               | WLAN          | 8.79     | ±9.6                     |
| 10751 | AAC | ET160, MCS8 (865.0 Mbps), 86.3% DC               | WLAN          | 8.82     | ±9.6                     |
| 10752 | AAC | ET160, MCS9 (961.0 Mbps), 86.3% DC               | WLAN          | 8.81     | ±9.6                     |
| 10753 | AAC | ET160, MCS10 (1081.0 Mbps), 86.7% DC             | WLAN          | 9.00     | ±9.6                     |
| 10754 | AAC | ET160, MCS11 (1201.0 Mbps), 86.7% DC             | WLAN          | 8.94     | ±9.6                     |
| 10755 | AAC | ET160, MCS0 (72.0 Mbps), 98.0% DC                | WLAN          | 8.64     | ±9.6                     |
| 10756 | AAC | ET160, MCS1 (144.0 Mbps), 96.8% DC               | WLAN          | 8.77     | ±9.6                     |
| 10757 | AAC | ET160, MCS2 (216.0 Mbps), 97.1% DC               | WLAN          | 8.77     | ±9.6                     |
| 10758 | AAC | ET160, MCS3 (282.0 Mbps), 96.8% DC               | WLAN          | 8.69     | ±9.6                     |
| 10759 | AAC | ET160, MCS4 (432.0 Mbps), 97.1% DC               | WLAN          | 8.58     | ±9.6                     |
| 10760 | AAC | ET160, MCS5 (576.0 Mbps), 96.5% DC               | WLAN          | 8.49     | ±9.6                     |
| 10761 | AAC | ET160, MCS6 (649.0 Mbps), 96.3% DC               | WLAN          | 8.58     | ±9.6                     |
| 10762 | AAC | ET160, MCS7 (721.0 Mbps), 96.3% DC               | WLAN          | 8.49     | ±9.6                     |
| 10763 | AAC | ET160, MCS8 (865.0 Mbps), 95.9% DC               | WLAN          | 8.53     | ±9.6                     |
| 10764 | AAC | ET160, MCS9 (961.0 Mbps), 95.9% DC               | WLAN          | 8.54     | ±9.6                     |
| 10765 | AAC | ET160, MCS10 (1081.0 Mbps), 96.3% DC             | WLAN          | 8.54     | ±9.6                     |
| 10766 | AAC | ET160, MCS11 (1201.0 Mbps), 96.3% DC             | WLAN          | 8.51     | ±9.6                     |
| 10767 | AAG | CP-OFDM, 5.0 MHz, QPSK, 15 kHz, 99.9% DC, 1 RB   | 5G NR FR1 TDD | 7.99     | ±9.6                     |
| 10768 | AAE | CP-OFDM, 10.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB | 5G NR FR1 TDD | 8.01     | ±9.6                     |
| 10769 | AAD | CP-OFDM, 15.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB | 5G NR FR1 TDD | 8.01     | ±9.6                     |
| 10770 | AAE | CP-OFDM, 20.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB | 5G NR FR1 TDD | 8.02     | ±9.6                     |
| 10771 | AAD | CP-OFDM, 25.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB | 5G NR FR1 TDD | 8.02     | ±9.6                     |
| 10772 | AAE | CP-OFDM, 30.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB | 5G NR FR1 TDD | 8.23     | ±9.6                     |

| UID   | Rev | Communication System Name                            | Group         | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|------------------------------------------------------|---------------|----------|--------------------------|
| 10773 | AAF | CP-OFDM, 40.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 8.03     | ±9.6                     |
| 10774 | AAE | CP-OFDM, 50.0 MHz, QPSK, 15 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 8.02     | ±9.6                     |
| 10775 | AAF | CP-OFDM, 5.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB    | 5G NR FR1 TDD | 8.31     | ±9.6                     |
| 10776 | AAE | CP-OFDM, 10.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.30     | ±9.6                     |
| 10777 | AAC | CP-OFDM, 15.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.30     | ±9.6                     |
| 10778 | AAE | CP-OFDM, 20.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10779 | AAC | CP-OFDM, 25.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.42     | ±9.6                     |
| 10780 | AAE | CP-OFDM, 30.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.38     | ±9.6                     |
| 10781 | AAF | CP-OFDM, 40.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.38     | ±9.6                     |
| 10782 | AAE | CP-OFDM, 50.0 MHz, QPSK, 15 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.43     | ±9.6                     |
| 10783 | AAG | CP-OFDM, 5.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB   | 5G NR FR1 TDD | 8.31     | ±9.6                     |
| 10784 | AAE | CP-OFDM, 10.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.29     | ±9.6                     |
| 10785 | AAD | CP-OFDM, 15.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.40     | ±9.6                     |
| 10786 | AAE | CP-OFDM, 20.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.35     | ±9.6                     |
| 10787 | AAD | CP-OFDM, 25.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.44     | ±9.6                     |
| 10788 | AAE | CP-OFDM, 30.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.39     | ±9.6                     |
| 10789 | AAF | CP-OFDM, 40.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.37     | ±9.6                     |
| 10790 | AAE | CP-OFDM, 50.0 MHz, QPSK, 15 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.39     | ±9.6                     |
| 10791 | AAG | CP-OFDM, 5.0 MHz, QPSK, 30 kHz, 99.9% DC, 1 RB       | 5G NR FR1 TDD | 7.83     | ±9.6                     |
| 10792 | AAE | CP-OFDM, 10.0 MHz, QPSK, 30 kHz, 99.9% DC, 1 RB      | 5G NR FR1 TDD | 7.92     | ±9.6                     |
| 10793 | AAD | CP-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.95     | ±9.6                     |
| 10794 | AAE | CP-OFDM, 20.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.82     | ±9.6                     |
| 10795 | AAD | CP-OFDM, 25.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.84     | ±9.6                     |
| 10796 | AAE | CP-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.82     | ±9.6                     |
| 10797 | AAF | CP-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 8.01     | ±9.6                     |
| 10798 | AAE | CP-OFDM, 50.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.89     | ±9.6                     |
| 10799 | AAF | CP-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.93     | ±9.6                     |
| 10801 | AAF | CP-OFDM, 80.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.89     | ±9.6                     |
| 10802 | AAE | CP-OFDM, 90.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.87     | ±9.6                     |
| 10803 | AAF | CP-OFDM, 100.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB    | 5G NR FR1 TDD | 7.93     | ±9.6                     |
| 10805 | AAE | CP-OFDM, 10.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10806 | AAD | CP-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.37     | ±9.6                     |
| 10809 | AAE | CP-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10810 | AAF | CP-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10812 | AAF | CP-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.35     | ±9.6                     |
| 10817 | AAG | CP-OFDM, 5.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB   | 5G NR FR1 TDD | 8.35     | ±9.6                     |
| 10818 | AAE | CP-OFDM, 10.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10819 | AAD | CP-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.33     | ±9.6                     |
| 10820 | AAE | CP-OFDM, 20.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.30     | ±9.6                     |
| 10821 | AAD | CP-OFDM, 25.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10822 | AAE | CP-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10823 | AAF | CP-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.36     | ±9.6                     |
| 10824 | AAE | CP-OFDM, 50.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.39     | ±9.6                     |
| 10825 | AAF | CP-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10827 | AAF | CP-OFDM, 80.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.42     | ±9.6                     |
| 10828 | AAE | CP-OFDM, 90.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.43     | ±9.6                     |
| 10829 | AAF | CP-OFDM, 100.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB | 5G NR FR1 TDD | 8.40     | ±9.6                     |
| 10830 | AAE | CP-OFDM, 10.0 MHz, QPSK, 60 kHz, 99.9% DC, 1 RB      | 5G NR FR1 TDD | 7.63     | ±9.6                     |
| 10831 | AAD | CP-OFDM, 15.0 MHz, QPSK, 60 kHz, 99.9% DC, 1 RB      | 5G NR FR1 TDD | 7.73     | ±9.6                     |
| 10832 | AAE | CP-OFDM, 20.0 MHz, QPSK, 60 kHz, 99.9% DC, 1 RB      | 5G NR FR1 TDD | 7.74     | ±9.6                     |
| 10833 | AAD | CP-OFDM, 25.0 MHz, QPSK, 60 kHz, 99.9% DC, 1 RB      | 5G NR FR1 TDD | 7.70     | ±9.6                     |
| 10834 | AAE | CP-OFDM, 30.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.75     | ±9.6                     |
| 10835 | AAF | CP-OFDM, 40.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.70     | ±9.6                     |
| 10836 | AAE | CP-OFDM, 50.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.66     | ±9.6                     |
| 10837 | AAF | CP-OFDM, 60.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.68     | ±9.6                     |
| 10839 | AAF | CP-OFDM, 80.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.70     | ±9.6                     |
| 10840 | AAE | CP-OFDM, 90.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB     | 5G NR FR1 TDD | 7.67     | ±9.6                     |
| 10841 | AAF | CP-OFDM, 100.0 MHz, QPSK, 60 kHz, 100.0% DC, 1 RB    | 5G NR FR1 TDD | 7.71     | ±9.6                     |
| 10843 | AAD | CP-OFDM, 15.0 MHz, QPSK, 60 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.49     | ±9.6                     |
| 10844 | AAE | CP-OFDM, 20.0 MHz, QPSK, 60 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10846 | AAE | CP-OFDM, 30.0 MHz, QPSK, 60 kHz, 100.0% DC, 50% RB   | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10854 | AAE | CP-OFDM, 10.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10855 | AAD | CP-OFDM, 15.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.36     | ±9.6                     |
| 10856 | AAE | CP-OFDM, 20.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.37     | ±9.6                     |
| 10857 | AAD | CP-OFDM, 25.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.35     | ±9.6                     |
| 10858 | AAE | CP-OFDM, 30.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB  | 5G NR FR1 TDD | 8.36     | ±9.6                     |

| UID   | Rev | Communication System Name                                 | Group         | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|-----------------------------------------------------------|---------------|----------|--------------------------|
| 10859 | AAF | CP-OFDM, 40.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB       | 5G NR FR1 TDD | 8.34     | ±9.6                     |
| 10860 | AAE | CP-OFDM, 50.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB       | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10861 | AAF | CP-OFDM, 60.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB       | 5G NR FR1 TDD | 8.40     | ±9.6                     |
| 10863 | AAF | CP-OFDM, 80.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB       | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10864 | AAE | CP-OFDM, 90.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB       | 5G NR FR1 TDD | 8.37     | ±9.6                     |
| 10865 | AAF | CP-OFDM, 100.0 MHz, QPSK, 60 kHz, 100.0% DC, 100% RB      | 5G NR FR1 TDD | 8.41     | ±9.6                     |
| 10866 | AAF | DFT-s-OFDM, 100.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB      | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10868 | AAF | DFT-s-OFDM, 100.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB   | 5G NR FR1 TDD | 5.89     | ±9.6                     |
| 10869 | AAE | DFT-s-OFDM, 100.0 MHz, QPSK, 120 kHz, 100.0% DC, 1 RB     | 5G NR FR2 TDD | 5.75     | ±9.6                     |
| 10870 | AAE | DFT-s-OFDM, 100.0 MHz, QPSK, 120 kHz, 100.0% DC, 100% RB  | 5G NR FR2 TDD | 5.86     | ±9.6                     |
| 10871 | AAE | DFT-s-OFDM, 100.0 MHz, 16QAM, 120 kHz, 100.0% DC, 1 RB    | 5G NR FR2 TDD | 5.75     | ±9.6                     |
| 10872 | AAE | DFT-s-OFDM, 100.0 MHz, 16QAM, 120 kHz, 100.0% DC, 100% RB | 5G NR FR2 TDD | 6.52     | ±9.6                     |
| 10873 | AAE | DFT-s-OFDM, 100.0 MHz, 64QAM, 120 kHz, 100.0% DC, 1 RB    | 5G NR FR2 TDD | 6.61     | ±9.6                     |
| 10874 | AAE | DFT-s-OFDM, 100.0 MHz, 64QAM, 120 kHz, 100.0% DC, 100% RB | 5G NR FR2 TDD | 6.65     | ±9.6                     |
| 10875 | AAE | CP-OFDM, 100.0 MHz, QPSK, 120 kHz, 100.0% DC, 1 RB        | 5G NR FR2 TDD | 7.78     | ±9.6                     |
| 10876 | AAE | CP-OFDM, 100.0 MHz, QPSK, 120 kHz, 100.0% DC, 100% RB     | 5G NR FR2 TDD | 8.39     | ±9.6                     |
| 10877 | AAE | CP-OFDM, 100.0 MHz, 16QAM, 120 kHz, 100.0% DC, 1 RB       | 5G NR FR2 TDD | 7.95     | ±9.6                     |
| 10878 | AAE | CP-OFDM, 100.0 MHz, 16QAM, 120 kHz, 100.0% DC, 100% RB    | 5G NR FR2 TDD | 8.41     | ±9.6                     |
| 10879 | AAE | CP-OFDM, 100.0 MHz, 64QAM, 120 kHz, 100.0% DC, 1 RB       | 5G NR FR2 TDD | 8.12     | ±9.6                     |
| 10880 | AAE | CP-OFDM, 100.0 MHz, 64QAM, 120 kHz, 100.0% DC, 100% RB    | 5G NR FR2 TDD | 8.38     | ±9.6                     |
| 10881 | AAE | DFT-s-OFDM, 50.0 MHz, QPSK, 120 kHz, 100.0% DC, 1 RB      | 5G NR FR2 TDD | 5.75     | ±9.6                     |
| 10882 | AAE | DFT-s-OFDM, 50.0 MHz, QPSK, 120 kHz, 100.0% DC, 100% RB   | 5G NR FR2 TDD | 5.96     | ±9.6                     |
| 10883 | AAE | DFT-s-OFDM, 50.0 MHz, 16QAM, 120 kHz, 100.0% DC, 1 RB     | 5G NR FR2 TDD | 6.57     | ±9.6                     |
| 10884 | AAE | DFT-s-OFDM, 50.0 MHz, 16QAM, 120 kHz, 100.0% DC, 100% RB  | 5G NR FR2 TDD | 6.53     | ±9.6                     |
| 10885 | AAE | DFT-s-OFDM, 50.0 MHz, 64QAM, 120 kHz, 100.0% DC, 1 RB     | 5G NR FR2 TDD | 6.61     | ±9.6                     |
| 10886 | AAE | DFT-s-OFDM, 50.0 MHz, 64QAM, 120 kHz, 100.0% DC, 100% RB  | 5G NR FR2 TDD | 6.65     | ±9.6                     |
| 10887 | AAE | CP-OFDM, 50.0 MHz, QPSK, 120 kHz, 99.9% DC, 1 RB          | 5G NR FR2 TDD | 7.78     | ±9.6                     |
| 10888 | AAE | CP-OFDM, 50.0 MHz, QPSK, 120 kHz, 100.0% DC, 100% RB      | 5G NR FR2 TDD | 8.35     | ±9.6                     |
| 10889 | AAE | CP-OFDM, 50.0 MHz, 16QAM, 120 kHz, 100.0% DC, 1 RB        | 5G NR FR2 TDD | 8.02     | ±9.6                     |
| 10890 | AAE | CP-OFDM, 50.0 MHz, 16QAM, 120 kHz, 100.0% DC, 100% RB     | 5G NR FR2 TDD | 8.40     | ±9.6                     |
| 10891 | AAE | CP-OFDM, 50.0 MHz, 64QAM, 120 kHz, 100.0% DC, 1 RB        | 5G NR FR2 TDD | 8.13     | ±9.6                     |
| 10892 | AAE | CP-OFDM, 50.0 MHz, 64QAM, 120 kHz, 100.0% DC, 100% RB     | 5G NR FR2 TDD | 8.41     | ±9.6                     |
| 10897 | AAE | DFT-s-OFDM, 5.0 MHz, QPSK, 30 kHz, 99.9% DC, 1 RB         | 5G NR FR1 TDD | 5.66     | ±9.6                     |
| 10898 | AAC | DFT-s-OFDM, 10.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.67     | ±9.6                     |
| 10899 | AAB | DFT-s-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.67     | ±9.6                     |
| 10900 | AAC | DFT-s-OFDM, 20.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10901 | AAB | DFT-s-OFDM, 25.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10902 | AAC | DFT-s-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10903 | AAD | DFT-s-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10904 | AAC | DFT-s-OFDM, 50.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10905 | AAD | DFT-s-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10906 | AAD | DFT-s-OFDM, 80.0 MHz, QPSK, 30 kHz, 100.0% DC, 1 RB       | 5G NR FR1 TDD | 5.68     | ±9.6                     |
| 10907 | AAE | DFT-s-OFDM, 5.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB      | 5G NR FR1 TDD | 5.78     | ±9.6                     |
| 10908 | AAC | DFT-s-OFDM, 10.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.93     | ±9.6                     |
| 10909 | AAB | DFT-s-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.96     | ±9.6                     |
| 10910 | AAC | DFT-s-OFDM, 20.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.83     | ±9.6                     |
| 10911 | AAB | DFT-s-OFDM, 25.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.93     | ±9.6                     |
| 10912 | AAC | DFT-s-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10913 | AAD | DFT-s-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10914 | AAC | DFT-s-OFDM, 50.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.85     | ±9.6                     |
| 10915 | AAD | DFT-s-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.83     | ±9.6                     |
| 10916 | AAD | DFT-s-OFDM, 80.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB     | 5G NR FR1 TDD | 5.87     | ±9.6                     |
| 10917 | AAD | DFT-s-OFDM, 100.0 MHz, QPSK, 30 kHz, 100.0% DC, 50% RB    | 5G NR FR1 TDD | 5.94     | ±9.6                     |
| 10918 | AAE | DFT-s-OFDM, 5.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB     | 5G NR FR1 TDD | 5.86     | ±9.6                     |
| 10919 | AAC | DFT-s-OFDM, 10.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.86     | ±9.6                     |
| 10920 | AAB | DFT-s-OFDM, 15.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.87     | ±9.6                     |
| 10921 | AAC | DFT-s-OFDM, 20.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10922 | AAB | DFT-s-OFDM, 25.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.82     | ±9.6                     |
| 10923 | AAC | DFT-s-OFDM, 30.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10924 | AAD | DFT-s-OFDM, 40.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10925 | AAC | DFT-s-OFDM, 50.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.95     | ±9.6                     |
| 10926 | AAD | DFT-s-OFDM, 60.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.84     | ±9.6                     |
| 10927 | AAD | DFT-s-OFDM, 80.0 MHz, QPSK, 30 kHz, 100.0% DC, 100% RB    | 5G NR FR1 TDD | 5.94     | ±9.6                     |
| 10928 | AAD | DFT-s-OFDM, 5.0 MHz, QPSK, 15 kHz, 1 RB                   | 5G NR FR1 FDD | 5.52     | ±9.6                     |
| 10929 | AAD | DFT-s-OFDM, 10.0 MHz, QPSK, 15 kHz, 1 RB                  | 5G NR FR1 FDD | 5.52     | ±9.6                     |
| 10930 | AAC | DFT-s-OFDM, 15.0 MHz, QPSK, 15 kHz, 1 RB                  | 5G NR FR1 FDD | 5.52     | ±9.6                     |

| UID   | Rev | Communication System Name                   | Group         | PAR (dB) | Unc <sup>E</sup> $k = 2$ |
|-------|-----|---------------------------------------------|---------------|----------|--------------------------|
| 10931 | AAC | DFT-s-OFDM, 20.0 MHz, QPSK, 15 kHz, 1 RB    | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10932 | AAC | DFT-s-OFDM, 25.0 MHz, QPSK, 15 kHz, 1 RB    | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10933 | AAC | DFT-s-OFDM, 30.0 MHz, QPSK, 15 kHz, 1 RB    | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10934 | AAC | DFT-s-OFDM, 40.0 MHz, QPSK, 15 kHz, 1 RB    | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10935 | AAD | DFT-s-OFDM, 50.0 MHz, QPSK, 15 kHz, 1 RB    | 5G NR FR1 FDD | 5.51     | ±9.6                     |
| 10936 | AAD | DFT-s-OFDM, 5.0 MHz, QPSK, 15 kHz, 50% RB   | 5G NR FR1 FDD | 5.90     | ±9.6                     |
| 10937 | AAD | DFT-s-OFDM, 10.0 MHz, QPSK, 15 kHz, 50% RB  | 5G NR FR1 FDD | 5.77     | ±9.6                     |
| 10938 | AAC | DFT-s-OFDM, 15.0 MHz, QPSK, 15 kHz, 50% RB  | 5G NR FR1 FDD | 5.90     | ±9.6                     |
| 10939 | AAC | DFT-s-OFDM, 20.0 MHz, QPSK, 15 kHz, 50% RB  | 5G NR FR1 FDD | 5.82     | ±9.6                     |
| 10940 | AAC | DFT-s-OFDM, 25.0 MHz, QPSK, 15 kHz, 50% RB  | 5G NR FR1 FDD | 5.89     | ±9.6                     |
| 10941 | AAC | DFT-s-OFDM, 30.0 MHz, QPSK, 15 kHz, 50% RB  | 5G NR FR1 FDD | 5.83     | ±9.6                     |
| 10942 | AAC | DFT-s-OFDM, 40.0 MHz, QPSK, 15 kHz, 50% RB  | 5G NR FR1 FDD | 5.85     | ±9.6                     |
| 10943 | AAD | DFT-s-OFDM, 50.0 MHz, QPSK, 15 kHz, 50% RB  | 5G NR FR1 FDD | 5.95     | ±9.6                     |
| 10944 | AAD | DFT-s-OFDM, 5.0 MHz, QPSK, 15 kHz, 100% RB  | 5G NR FR1 FDD | 5.81     | ±9.6                     |
| 10945 | AAD | DFT-s-OFDM, 10.0 MHz, QPSK, 15 kHz, 100% RB | 5G NR FR1 FDD | 5.85     | ±9.6                     |
| 10946 | AAC | DFT-s-OFDM, 15.0 MHz, QPSK, 15 kHz, 100% RB | 5G NR FR1 FDD | 5.83     | ±9.6                     |
| 10947 | AAC | DFT-s-OFDM, 20.0 MHz, QPSK, 15 kHz, 100% RB | 5G NR FR1 FDD | 5.87     | ±9.6                     |
| 10948 | AAC | DFT-s-OFDM, 25.0 MHz, QPSK, 15 kHz, 100% RB | 5G NR FR1 FDD | 5.94     | ±9.6                     |
| 10949 | AAC | DFT-s-OFDM, 30.0 MHz, QPSK, 15 kHz, 100% RB | 5G NR FR1 FDD | 5.87     | ±9.6                     |
| 10950 | AAC | DFT-s-OFDM, 40.0 MHz, QPSK, 15 kHz, 100% RB | 5G NR FR1 FDD | 5.94     | ±9.6                     |
| 10951 | AAD | DFT-s-OFDM, 50.0 MHz, QPSK, 15 kHz, 100% RB | 5G NR FR1 FDD | 5.92     | ±9.6                     |
| 10978 | AAA | BDR, 1.0 MHz, 76.7% DC                      | ULLA          | 1.16     | ±9.6                     |
| 10979 | AAA | HDR4, 2.0 MHz, 25.1% DC                     | ULLA          | 8.58     | ±9.6                     |
| 10980 | AAA | HDR8, 4.0 MHz, 16.5% DC                     | ULLA          | 10.32    | ±9.6                     |
| 10981 | AAA | HDRp4, 2.0 MHz, 89.0% DC                    | ULLA          | 3.19     | ±9.6                     |
| 10982 | AAA | HDRp8, 4.0 MHz, 90.3% DC                    | ULLA          | 3.43     | ±9.6                     |
| 11013 | AAB | EHT320, MCS1 (272.0 Mbps), 100.0% DC        | WLAN          | 8.47     | ±9.6                     |
| 11014 | AAB | EHT320, MCS2 (408.0 Mbps), 100.0% DC        | WLAN          | 8.45     | ±9.6                     |
| 11015 | AAB | EHT320, MCS3 (544.0 Mbps), 100.0% DC        | WLAN          | 8.44     | ±9.6                     |
| 11016 | AAB | EHT320, MCS4 (817.0 Mbps), 100.0% DC        | WLAN          | 8.44     | ±9.6                     |
| 11017 | AAB | EHT320, MCS5 (1089.0 Mbps), 100.0% DC       | WLAN          | 8.41     | ±9.6                     |
| 11018 | AAB | EHT320, MCS6 (1225.0 Mbps), 100.0% DC       | WLAN          | 8.40     | ±9.6                     |
| 11019 | AAB | EHT320, MCS7 (1361.0 Mbps), 100.0% DC       | WLAN          | 8.29     | ±9.6                     |
| 11020 | AAB | EHT320, MCS8 (1633.0 Mbps), 100.0% DC       | WLAN          | 8.27     | ±9.6                     |
| 11021 | AAB | EHT320, MCS9 (1815.0 Mbps), 100.0% DC       | WLAN          | 8.46     | ±9.6                     |
| 11022 | AAB | EHT320, MCS10 (2042.0 Mbps), 100.0% DC      | WLAN          | 8.36     | ±9.6                     |
| 11023 | AAB | EHT320, MCS11 (2269.0 Mbps), 100.0% DC      | WLAN          | 8.09     | ±9.6                     |
| 11024 | AAB | EHT320, MCS12 (2450.0 Mbps), 100.0% DC      | WLAN          | 8.42     | ±9.6                     |
| 11025 | AAB | EHT320, MCS13 (2722.0 Mbps), 100.0% DC      | WLAN          | 8.37     | ±9.6                     |
| 11026 | AAB | EHT320, MCS0 (136.0 Mbps), 100.0% DC        | WLAN          | 8.39     | ±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.



Accredited by the Swiss Accreditation Service (SAS)  
The Swiss Accreditation Service is one of the signatories to the EA  
Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client

BTL Inc.  
Guangdong

Certificate No.

D750V3-1095\_Sep24

## CALIBRATION CERTIFICATE

Object D750V3 - SN: 1095

Calibration procedure(s) QA CAL-05.v12  
Calibration Procedure for SAR Validation Sources between 0.7 - 3 GHz

Calibration date September 16, 2024

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).  
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature  $(22 \pm 3)^{\circ}\text{C}$  and humidity  $< 70\%$ .

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards                          | ID         | Cal Date (Certificate No.)            | Scheduled Cal |
|--------------------------------------------|------------|---------------------------------------|---------------|
| Power Sensor R&S NRP-33T                   | SN: 100967 | 28-Mar-24 (No. 217-04038)             | Mar-25        |
| Power Sensor R&S NRP18A                    | SN: 101859 | 22-Jul-24 (No. 4030A315008547)        | Jul-25        |
| Spectrum Analyzer R&S FSV40                | SN: 101832 | 25-Jan-24 (No. 4030-315007551)        | Jan-25        |
| Mismatch; Short [S4188] Attenuator [S4423] | SN: 1152   | 28-Mar-24 (No. 217-04050)             | Mar-25        |
| OCP DAK-12                                 | SN: 1016   | 05-Oct-23 (No. OCP-DAK12-1016_Oct23)  | Oct-24        |
| OCP DAK-3.5                                | SN: 1249   | 05-Oct-23 (No. OCP-DAK3.5-1249_Oct23) | Oct-24        |
| Reference Probe EX3DV4                     | SN: 7349   | 03-Jun-24 (No. EX3-7349_Jun24)        | Jun-25        |
| DAE4ip                                     | SN: 1836   | 10-Jan-24 (No. DAE4ip-1836_Jan24)     | Jan-25        |

| Secondary Standards          | ID         | Check Date (in house)                      | Scheduled Check |
|------------------------------|------------|--------------------------------------------|-----------------|
| ACAD Source Box              | SN: 1000   | 28-May-24 (No. 675-ACAD_Source_Box-240528) | May-25          |
| Signal Generator R&S SMB100A | SN: 182081 | 28-May-24 (No. 675-CAL16-S4588-240528)     | May-25          |
| Mismatch; SMA                | SN: 1102   | 22-May-24 (No. 675-Mismatch_SMA-240522)    | May-25          |

|               | Name       | Function              | Signature                                                                             |
|---------------|------------|-----------------------|---------------------------------------------------------------------------------------|
| Calibrated by | Paulo Pina | Laboratory Technician |  |
| Approved by   | Sven Kühn  | Technical Manager     |  |

Issued: September 16, 2024

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.



Accredited by the Swiss Accreditation Service (SAS)  
**The Swiss Accreditation Service is one of the signatories to the EA  
Multilateral Agreement for the recognition of calibration certificates**

**Accreditation No.: SCS 0108**

## Glossary

|       |                                 |
|-------|---------------------------------|
| TSL   | tissue simulating liquid        |
| ConvF | sensitivity in TSL / NORM x,y,z |
| N/A   | not applicable or not measured  |

## Calibration is Performed According to the Following Standards

- IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

## Additional Documentation

- DASY System Handbook

## Methods Applied and Interpretation of Parameters

- *Measurement Conditions*: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL*: The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss*: These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay*: One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured*: SAR measured at the stated antenna input power.
- *SAR normalized*: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters*: The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor  $k=2$ , which for a normal distribution corresponds to a coverage probability of approximately 95%.

Measurement Conditions

DASY system configuration, as far as not given on page 1.

|                              |                          |                                     |
|------------------------------|--------------------------|-------------------------------------|
| DASY Version                 | DASY8 Module SAR         | 16.4.0                              |
| Extrapolation                | Advanced Extrapolation   |                                     |
| Phantom                      | Modular Flat Phantom     |                                     |
| Distance Dipole Center - TSL | 15 mm                    | with spacer                         |
| Zoom Scan Resolution         | dx, dy = 6mm, dz = 1.5mm | Graded Ratio = 1.5 mm (Z direction) |
| Frequency                    | 750MHz ±1MHz             |                                     |

Head TSL parameters at 750 MHz

The following parameters and calculations were applied.

|                                         |               |              |                 |
|-----------------------------------------|---------------|--------------|-----------------|
|                                         | Temperature   | Permittivity | Conductivity    |
| Nominal Head TSL parameters             | 22.0 °C       | 41.9         | 0.890 mho/m     |
| Measured Head TSL parameters            | (22.0 ±0.2)°C | 43.2 ±6%     | 0.880 mho/m ±6% |
| Head TSL temperature change during test | < 0.5 °C      |              |                 |

SAR result with Head TSL at 750 MHz

|                                                       |                    |                          |
|-------------------------------------------------------|--------------------|--------------------------|
| SAR averaged over 1 cm <sup>3</sup> (1 g) of Head TSL | Condition          |                          |
| SAR for nominal Head TSL parameters                   | 24 dBm input power | 2.13 W/kg                |
| SAR for nominal Head TSL parameters                   | normalized to 1W   | 8.48 W/kg ±17.0% (k = 2) |

|                                                         |                    |                          |
|---------------------------------------------------------|--------------------|--------------------------|
| SAR averaged over 10 cm <sup>3</sup> (10 g) of Head TSL | Condition          |                          |
| SAR for nominal Head TSL parameters                     | 24 dBm input power | 1.38 W/kg                |
| SAR for nominal Head TSL parameters                     | normalized to 1W   | 5.49 W/kg ±16.5% (k = 2) |

**Appendix (Additional assessments outside the scope of SCS 0108)**

**Antenna Parameters with Head TSL at 750 MHz**

|             |                                |
|-------------|--------------------------------|
| Impedance   | 51.5 $\Omega$ – 3.3 j $\Omega$ |
| Return Loss | -29.0 dB                       |

**General Antenna Parameters and Design**

|                                  |          |
|----------------------------------|----------|
| Electrical Delay (one direction) | 1.033 ns |
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured. The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

**Additional EUT Data**

|                 |       |
|-----------------|-------|
| Manufactured by | SPEAG |
|-----------------|-------|