

|       |     |   |               |      |         |
|-------|-----|---|---------------|------|---------|
| 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 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)       | 5G NR FR1 TDD | 5.66 | ± 9.6 % |
| 10898 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.67 | ± 9.6 % |
| 10899 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.67 | ± 9.6 % |
| 10900 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10901 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10902 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10903 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10904 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10905 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10906 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)      | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10907 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)     | 5G NR FR1 TDD | 5.78 | ± 9.6 % |
| 10908 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.93 | ± 9.6 % |
| 10909 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.96 | ± 9.6 % |
| 10910 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.83 | ± 9.6 % |
| 10911 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.93 | ± 9.6 % |
| 10912 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10913 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10914 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.85 | ± 9.6 % |
| 10915 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.83 | ± 9.6 % |
| 10916 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.87 | ± 9.6 % |
| 10917 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.94 | ± 9.6 % |
| 10918 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)    | 5G NR FR1 TDD | 5.86 | ± 9.6 % |
| 10919 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.86 | ± 9.6 % |
| 10920 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.87 | ± 9.6 % |
| 10921 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10922 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.82 | ± 9.6 % |
| 10923 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10924 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10925 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.95 | ± 9.6 % |
| 10926 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10927 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)   | 5G NR FR1 TDD | 5.94 | ± 9.6 % |
| 10928 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)       | 5G NR FR1 FDD | 5.52 | ± 9.6 % |
| 10929 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.52 | ± 9.6 % |
| 10930 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.52 | ± 9.6 % |
| 10931 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10932 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10933 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10934 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10935 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)      | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10936 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)     | 5G NR FR1 FDD | 5.90 | ± 9.6 % |
| 10937 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.77 | ± 9.6 % |
| 10938 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.90 | ± 9.6 % |
| 10939 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.82 | ± 9.6 % |
| 10940 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.89 | ± 9.6 % |
| 10941 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.83 | ± 9.6 % |
| 10942 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.85 | ± 9.6 % |
| 10943 | AAA | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.95 | ± 9.6 % |
| 10944 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)    | 5G NR FR1 FDD | 5.81 | ± 9.6 % |
| 10945 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.85 | ± 9.6 % |
| 10946 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.83 | ± 9.6 % |
| 10947 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.87 | ± 9.6 % |
| 10948 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.94 | ± 9.6 % |
| 10949 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.87 | ± 9.6 % |
| 10950 | AAA | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)   | 5G NR FR1 FDD | 5.94 | ± 9.6 % |
| 10951 | AAA | 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 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)   | 5G NR FR1 TDD | 9.32 | ± 9.6 % |
| 10961 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 TDD | 9.36 | ± 9.6 % |
| 10962 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 TDD | 9.40 | ± 9.6 % |
| 10963 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)  | 5G NR FR1 TDD | 9.55 | ± 9.6 % |
| 10964 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)   | 5G NR FR1 TDD | 9.29 | ± 9.6 % |
| 10965 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 TDD | 9.37 | ± 9.6 % |
| 10966 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 TDD | 9.55 | ± 9.6 % |
| 10967 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)  | 5G NR FR1 TDD | 9.42 | ± 9.6 % |
| 10968 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.49 | ± 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 D. Photographs of EUT and Setup

The setup photographs for SAR testing are shown as follows.

## Appendix E. Maximum Target Conducted Power

The maximum conducted average power (Unit: dBm) including tune-up tolerance is shown as below.

| GSM Tune-up Power (Full) |                               |                               |                                     |         |
|--------------------------|-------------------------------|-------------------------------|-------------------------------------|---------|
| Mode                     | GSM850                        | GSM1900                       | GSM850                              | GSM1900 |
|                          | Maximum Burst-Averaged Output | Maximum Burst-Averaged Output | Maximum Frame-Averaged Output Power |         |
|                          | Maximum Target Power          | Maximum Target Power          |                                     |         |
| GSM (GMSK, 1Tx-slot)     | 33.0                          | 30.5                          | 24.0                                | 21.5    |
| GPRS (GMSK, 1Tx-slot)    | 33.0                          | 30.5                          | 24.0                                | 21.5    |
| GPRS (GMSK, 2Tx-slot)    | 30.0                          | 28.0                          | 24.0                                | 22.0    |
| GPRS (GMSK, 3Tx-slot)    | 28.5                          | 26.0                          | 24.2                                | 21.7    |
| GPRS (GMSK, 4Tx-slot)    | 27.5                          | 24.5                          | 24.5                                | 21.5    |
| DTM (GMSK, 2Tx-slot)     | 30.0                          | 28.0                          | 24.0                                | 22.0    |
| DTM (GMSK, 3Tx-slot)     | 28.0                          | 26.0                          | 23.7                                | 21.7    |
| EDGE (8PSK, 1Tx-slot)    | 27.0                          | 26.5                          | 18.0                                | 17.5    |
| EDGE (8PSK, 2Tx-slot)    | 27.0                          | 26.5                          | 21.0                                | 20.5    |
| EDGE (8PSK, 3Tx-slot)    | 27.0                          | 26.5                          | 22.7                                | 22.2    |
| EDGE (8PSK, 4Tx-slot)    | 27.0                          | 26.5                          | 24.0                                | 23.5    |
| DTM (8PSK, 2Tx-slot)     | 27.5                          | 27.0                          | 21.5                                | 21.0    |
| DTM (8PSK, 3Tx-slot)     | 27.5                          | 26.0                          | 23.24                               | 21.74   |

## WCDMA Tune-up Power (Full)

| Mode          | RMC 12.2K               | HSDPA /<br>DC-HSDPA /<br>HSUPA |
|---------------|-------------------------|--------------------------------|
|               | Maximum<br>Target Power | Maximum<br>Target Power        |
| WCDMA Band II | 24.0                    | 23.0                           |
| WCDMA Band IV | 24.5                    | 23.5                           |
| WCDMA Band V  | 24.5                    | 23.5                           |

| LTE Tune-up Power (Full) |                      |                      |                      |
|--------------------------|----------------------|----------------------|----------------------|
| Mode                     | QPSK                 | 16QAM                | 64QAM                |
|                          | Maximum Target Power | Maximum Target Power | Maximum Target Power |
| LTE 2                    | 23.5                 | 22.5                 |                      |
| LTE 4                    | 23.5                 | 22.5                 |                      |
| LTE 5                    | 23.5                 | 22.5                 |                      |
| LTE 7                    | 22.5                 | 21.5                 |                      |
| LTE 17                   | 23.5                 | 22.5                 |                      |
| LTE 26                   | 23.5                 | 22.5                 |                      |
| LTE 38                   | 23.0                 | 22.0                 |                      |
| LTE 41                   | 23.0                 | 22.0                 |                      |

| GSM Tune-up Power (Hotspot) |                               |                               |                                     |         |
|-----------------------------|-------------------------------|-------------------------------|-------------------------------------|---------|
| Mode                        | GSM850                        | GSM1900                       | GSM850                              | GSM1900 |
|                             | Maximum Burst-Averaged Output | Maximum Burst-Averaged Output | Maximum Frame-Averaged Output Power |         |
|                             | Maximum Target Power          | Maximum Target Power          |                                     |         |
| GSM (GMSK, 1Tx-slot)        |                               | 30.5                          |                                     | 21.5    |
| GPRS (GMSK, 1Tx-slot)       |                               | 30.5                          |                                     | 21.5    |
| GPRS (GMSK, 2Tx-slot)       |                               | 27.5                          |                                     | 21.5    |
| GPRS (GMSK, 3Tx-slot)       |                               | 25.5                          |                                     | 21.2    |
| GPRS (GMSK, 4Tx-slot)       |                               | 24.0                          |                                     | 21.0    |
| DTM (GMSK, 2Tx-slot)        |                               | 27.5                          |                                     | 21.5    |
| DTM (GMSK, 3Tx-slot)        |                               | 25.5                          |                                     | 21.2    |
| EDGE (8PSK, 1Tx-slot)       |                               | 24.5                          |                                     | 15.5    |
| EDGE (8PSK, 2Tx-slot)       |                               | 24.5                          |                                     | 18.5    |
| EDGE (8PSK, 3Tx-slot)       |                               | 24.5                          |                                     | 20.2    |
| EDGE (8PSK, 4Tx-slot)       |                               | 23.5                          |                                     | 20.5    |
| DTM (8PSK, 2Tx-slot)        |                               | 24.5                          |                                     | 18.5    |
| DTM (8PSK, 3Tx-slot)        |                               | 24.5                          |                                     | 20.2    |



| WCDMA Tune-up Power (Hotspot) |                      |                          |
|-------------------------------|----------------------|--------------------------|
| Mode                          | RMC 12.2K            | HSDPA / DC-HSDPA / HSUPA |
|                               | Maximum Target Power | Maximum Target Power     |
| WCDMA Band II                 | 19.5                 | 18.5                     |
| WCDMA Band IV                 | 19.5                 | 18.5                     |
| WCDMA Band V                  |                      |                          |

| LTE Tune-up Power (Hotspot) |                      |                      |                      |
|-----------------------------|----------------------|----------------------|----------------------|
| Mode                        | QPSK                 | 16QAM                | 64QAM                |
|                             | Maximum Target Power | Maximum Target Power | Maximum Target Power |
| LTE 2                       | 19.5                 | 19.5                 |                      |
| LTE 4                       | 19.5                 | 19.5                 |                      |
| LTE 5                       |                      |                      |                      |
| LTE 7                       | 21.5                 | 21.5                 |                      |
| LTE 17                      |                      |                      |                      |
| LTE 26                      |                      |                      |                      |
| LTE 38                      |                      |                      |                      |
| LTE 41                      | 21.5                 | 21.5                 |                      |

| WLAN Tune-up Power |         |           |             |
|--------------------|---------|-----------|-------------|
| WLAN2.4GHz         |         |           | Ant 0       |
| Mode               | Channel | Frequency | Max Tune up |
| 802.11b            | 1       | 2412      | 18.0        |
|                    | 6       | 2437      | 18.0        |
|                    | 11      | 2462      | 18.0        |
| 802.11g            | 1       | 2412      | 18.0        |
|                    | 6       | 2437      | 18.0        |
|                    | 11      | 2462      | 18.0        |
| 802.11n HT20       | 1       | 2412      | 18.0        |
|                    | 6       | 2437      | 18.0        |
|                    | 11      | 2462      | 18.0        |
| 802.11n HT40       | 3       | 2422      | 17.5        |
|                    | 6       | 2437      | 17.5        |
|                    | 9       | 2452      | 17.5        |

| WLAN Tune-up Power |         |           |             |
|--------------------|---------|-----------|-------------|
| Bluetooth          |         |           | Ant 0       |
| Mode               | Channel | Frequency | Max Tune up |
| BR / EDR           | 0       | 2402      | 11.0        |
|                    | 39      | 2441      | 11.5        |
|                    | 78      | 2480      | 10.5        |
| LE                 | 0       | 2402      | 1.0         |
|                    | 19      | 2440      | 1.0         |
|                    | 39      | 2480      | 1.0         |

| WLAN Tune-up Power |         |           |             |
|--------------------|---------|-----------|-------------|
| WLAN 5.2GHz        |         |           | Ant 0       |
| Mode               | Channel | Frequency | Max Tune up |
| 802.11a            | 36      | 5180      | 19.0        |
|                    | 40      | 5200      | 19.0        |
|                    | 44      | 5220      | 19.0        |
|                    | 48      | 5240      | 19.0        |
| 802.11n HT20       | 36      | 5180      | 19.0        |
|                    | 40      | 5200      | 19.0        |
|                    | 44      | 5220      | 19.0        |
|                    | 48      | 5240      | 19.0        |
| 802.11n HT40       | 38      | 5190      | 19.0        |
|                    | 46      | 5230      | 19.0        |
| 802.11ac VHT80     | 42      | 5210      | 19.0        |

| WLAN Tune-up Power |         |           |             |
|--------------------|---------|-----------|-------------|
| WLAN 5.3GHz        |         |           | Ant 0       |
| Mode               | Channel | Frequency | Max Tune up |
| 802.11a            | 52      | 5260      | 19.0        |
|                    | 56      | 5280      | 19.0        |
|                    | 60      | 5300      | 19.0        |
|                    | 64      | 5320      | 19.0        |
| 802.11n HT20       | 52      | 5260      | 19.0        |
|                    | 56      | 5280      | 19.0        |
|                    | 60      | 5300      | 19.0        |
|                    | 64      | 5320      | 19.0        |
| 802.11n HT40       | 54      | 5270      | 19.0        |
|                    | 62      | 5310      | 19.0        |
| 802.11ac VHT80     | 58      | 5290      | 19.0        |

| WLAN Tune-up Power |         |           |             |
|--------------------|---------|-----------|-------------|
| WLAN 5.6GHz        |         |           | Ant 0       |
| Mode               | Channel | Frequency | Max Tune up |
| 802.11a            | 100     | 5500      | 19.0        |
|                    | 116     | 5580      | 19.0        |
|                    | 120     | 5600      | 19.0        |
|                    | 124     | 5620      | 19.0        |
|                    | 132     | 5660      | 19.0        |
|                    | 140     | 5700      | 19.0        |
| 802.11n HT20       | 100     | 5500      | 19.0        |
|                    | 116     | 5580      | 19.0        |
|                    | 120     | 5600      | 19.0        |
|                    | 124     | 5620      | 19.0        |
|                    | 132     | 5660      | 19.0        |
|                    | 140     | 5700      | 19.0        |
| 802.11n HT40       | 102     | 5510      | 19.0        |
|                    | 110     | 5550      | 19.0        |
|                    | 118     | 5590      | 19.0        |
|                    | 126     | 5630      | 19.0        |
|                    | 134     | 5670      | 19.0        |
| 802.11ac VHT80     | 106     | 5530      | 19.0        |
|                    | 122     | 5610      | 19.0        |
|                    | 138     | 5690      | 19.0        |

| WLAN Tune-up Power |         |           |             |
|--------------------|---------|-----------|-------------|
| WLAN 5.8GHz        |         |           | Ant 0       |
| Mode               | Channel | Frequency | Max Tune up |
| 802.11a            | 149     | 5745      | 19.0        |
|                    | 153     | 5765      | 19.0        |
|                    | 157     | 5785      | 19.0        |
|                    | 161     | 5805      | 19.0        |
|                    | 165     | 5825      | 19.0        |
| 802.11n HT20       | 149     | 5745      | 19.0        |
|                    | 153     | 5765      | 19.0        |
|                    | 157     | 5785      | 19.0        |
|                    | 161     | 5805      | 19.0        |
|                    | 165     | 5825      | 19.0        |
| 802.11n HT40       | 151     | 5755      | 19.0        |
|                    | 159     | 5795      | 19.0        |
| 802.11ac VHT80     | 155     | 5775      | 19.0        |



## Appendix F. Measured Conducted Power Result

The measuring conducted power (Unit: dBm) are shown as below.

| GSM Conducted Power (Full) |        |       |       |         |       |        |
|----------------------------|--------|-------|-------|---------|-------|--------|
| Band                       | GSM850 |       |       | GSM1900 |       |        |
| Channel                    | 128    | 189   | 251   | 512     | 661   | 810    |
| Frequency                  | 824.2  | 836.4 | 848.8 | 1850.2  | 1880  | 1909.8 |
| GSM                        | 32.91  | 32.95 | 32.93 | 30.48   | 30.42 | 30.19  |
| GPRS 1Tx Slot              | 32.89  | 32.93 | 32.90 | 30.46   | 30.41 | 30.28  |
| GPRS 2Tx Slot              | 29.93  | 29.97 | 29.94 | 27.57   | 27.52 | 27.39  |
| GPRS 3Tx Slot              | 28.01  | 28.05 | 28.02 | 25.53   | 25.48 | 25.35  |
| GPRS 4Tx Slot              | 27.11  | 27.15 | 27.12 | 24.45   | 24.40 | 24.27  |
| DTM 9 (GPRS)               | 29.83  | 29.87 | 29.84 | 27.76   | 27.71 | 27.58  |
| DTM 11 (GPRS)              | 27.91  | 27.95 | 27.92 | 25.64   | 25.59 | 25.46  |
| EDGE 1Tx Slot (MCS9)       | 26.95  | 26.99 | 26.96 | 25.90   | 25.85 | 25.72  |
| EDGE 2Tx Slot (MCS9)       | 26.84  | 26.88 | 26.85 | 25.78   | 25.73 | 25.60  |
| EDGE 3Tx Slot (MCS9)       | 26.70  | 26.74 | 26.71 | 25.67   | 25.62 | 25.49  |
| EDGE 4Tx Slot (MCS9)       | 26.56  | 26.60 | 26.57 | 25.60   | 25.55 | 25.42  |
| DTM 9 (EDGE)               | 27.40  | 27.44 | 27.41 | 26.67   | 26.62 | 26.49  |
| DTM 11 (EDGE)              | 27.23  | 27.27 | 27.24 | 25.61   | 25.56 | 25.43  |

| WCDMA Conducted Power (Full) |          |       |        |          |        |        |         |       |       |
|------------------------------|----------|-------|--------|----------|--------|--------|---------|-------|-------|
| Band                         | WCDMA II |       |        | WCDMA IV |        |        | WCDMA V |       |       |
| TX Channel                   | 9262     | 9400  | 9538   | 1312     | 1413   | 1513   | 4132    | 4182  | 4233  |
| Rx Channel                   | 9662     | 9800  | 9938   | 1537     | 1638   | 1738   | 4357    | 4407  | 4458  |
| Frequency                    | 1852.4   | 1880  | 1907.6 | 1712.4   | 1732.6 | 1752.6 | 826.4   | 836.4 | 846.6 |
| RMC 12.2K                    | 23.95    | 23.79 | 23.91  | 24.47    | 24.22  | 24.41  | 24.13   | 24.03 | 24.16 |
| HSDPA Subtest-1              | 22.92    | 22.77 | 22.84  | 23.49    | 23.26  | 23.49  | 23.15   | 23.03 | 23.21 |
| HSDPA Subtest-2              | 22.93    | 22.85 | 22.88  | 23.48    | 23.24  | 23.47  | 23.13   | 23.09 | 23.20 |
| HSDPA Subtest-3              | 22.44    | 22.31 | 22.37  | 22.91    | 22.75  | 22.07  | 22.74   | 22.58 | 22.78 |
| HSDPA Subtest-4              | 22.43    | 22.37 | 22.39  | 22.96    | 22.78  | 22.94  | 22.63   | 22.57 | 22.81 |
| DC-HSDPA Subtest-1           | 22.90    | 22.75 | 22.82  | 23.46    | 23.24  | 23.47  | 23.13   | 23.01 | 23.19 |
| DC-HSDPA Subtest-2           | 22.91    | 22.83 | 22.86  | 23.50    | 23.22  | 23.45  | 23.11   | 23.07 | 23.18 |
| DC-HSDPA Subtest-3           | 22.42    | 22.29 | 22.35  | 22.98    | 22.73  | 22.05  | 22.72   | 22.56 | 22.76 |
| DC-HSDPA Subtest-4           | 22.41    | 22.35 | 22.37  | 22.99    | 22.76  | 22.98  | 22.61   | 22.55 | 22.79 |
| HSUPA Subtest-1              | 22.90    | 22.77 | 22.87  | 23.47    | 23.23  | 23.45  | 23.20   | 23.11 | 23.26 |
| HSUPA Subtest-2              | 20.92    | 20.80 | 20.83  | 21.49    | 21.29  | 21.45  | 21.16   | 21.04 | 21.22 |
| HSUPA Subtest-3              | 21.85    | 21.76 | 21.86  | 22.45    | 22.25  | 22.43  | 22.20   | 22.03 | 22.27 |
| HSUPA Subtest-4              | 20.91    | 20.76 | 20.83  | 21.45    | 21.22  | 21.44  | 21.15   | 21.06 | 21.28 |
| HSUPA Subtest-5              | 22.90    | 22.80 | 22.80  | 23.42    | 23.20  | 23.40  | 23.10   | 23.00 | 23.20 |

| LTE Conducted Power (Full) |           |                 |           |        |       |        |               |
|----------------------------|-----------|-----------------|-----------|--------|-------|--------|---------------|
| LTE Band 2                 |           |                 |           |        |       |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   | 3GPP MPR (dB) |
|                            |           | Channel         |           | 18700  | 18900 | 19100  |               |
|                            |           | Frequency (MHz) |           | 1860   | 1880  | 1900   |               |
| 20M                        | QPSK      | 1               | 0         | 23.15  | 22.98 | 22.91  | 0             |
|                            |           | 1               | 50        | 23.06  | 22.87 | 22.65  | 0             |
|                            |           | 1               | 99        | 22.86  | 22.76 | 22.71  | 0             |
|                            |           | 50              | 0         | 22.11  | 22.03 | 21.98  | 1             |
|                            |           | 50              | 25        | 22.10  | 22.03 | 21.93  | 1             |
|                            |           | 50              | 50        | 21.98  | 21.94 | 21.86  | 1             |
|                            |           | 100             | 0         | 22.05  | 22.03 | 21.97  | 1             |
|                            | 16QAM     | 1               | 0         | 22.46  | 22.37 | 22.30  | 1             |
|                            |           | 1               | 50        | 22.37  | 22.36 | 22.29  | 1             |
|                            |           | 1               | 99        | 22.26  | 22.16 | 22.12  | 1             |
|                            |           | 50              | 0         | 21.25  | 21.21 | 21.20  | 2             |
|                            |           | 50              | 25        | 21.23  | 21.22 | 21.17  | 2             |
|                            |           | 50              | 50        | 21.12  | 21.03 | 21.01  | 2             |
|                            |           | 100             | 0         | 21.17  | 21.17 | 21.09  | 2             |
| BW                         | MCS Index | Channel         |           | 18675  | 18900 | 19125  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 1857.5 | 1880  | 1902.5 |               |
| 15M                        | QPSK      | 1               | 0         | 23.15  | 22.83 | 22.57  | 0             |
|                            |           | 1               | 37        | 22.97  | 22.95 | 22.87  | 0             |
|                            |           | 1               | 74        | 22.85  | 22.72 | 22.63  | 0             |
|                            |           | 36              | 0         | 22.11  | 22.00 | 21.92  | 1             |
|                            |           | 36              | 19        | 22.05  | 21.98 | 21.85  | 1             |
|                            |           | 36              | 39        | 21.96  | 21.91 | 21.82  | 1             |
|                            |           | 75              | 0         | 21.98  | 22.01 | 21.89  | 1             |
|                            | 16QAM     | 1               | 0         | 22.46  | 22.30 | 22.28  | 1             |
|                            |           | 1               | 37        | 22.30  | 22.31 | 22.25  | 1             |
|                            |           | 1               | 74        | 22.20  | 22.16 | 22.11  | 1             |
|                            |           | 36              | 0         | 21.24  | 21.14 | 21.18  | 2             |
|                            |           | 36              | 19        | 21.23  | 21.19 | 21.11  | 2             |
|                            |           | 36              | 39        | 21.09  | 20.98 | 20.92  | 2             |
|                            |           | 75              | 0         | 21.08  | 21.08 | 21.07  | 2             |

| LTE Conducted Power (Full) |           |                 |    |        |       |        |          |
|----------------------------|-----------|-----------------|----|--------|-------|--------|----------|
| LTE Band 2                 |           |                 |    |        |       |        |          |
| BW                         | MCS Index | Channel         |    | 18650  | 18900 | 19150  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1855   | 1880  | 1905   |          |
| 10M                        | QPSK      | 1               | 0  | 23.15  | 22.70 | 22.46  | 0        |
|                            |           | 1               | 24 | 22.95  | 22.84 | 22.79  | 0        |
|                            |           | 1               | 49 | 22.74  | 22.63 | 22.56  | 0        |
|                            |           | 25              | 0  | 21.96  | 21.96 | 21.90  | 1        |
|                            |           | 25              | 12 | 21.88  | 21.97 | 21.72  | 1        |
|                            |           | 25              | 25 | 21.94  | 21.89 | 21.77  | 1        |
|                            |           | 50              | 0  | 21.96  | 21.82 | 21.78  | 1        |
|                            | 16QAM     | 1               | 0  | 22.32  | 22.35 | 22.27  | 1        |
|                            |           | 1               | 24 | 22.26  | 22.25 | 22.18  | 1        |
|                            |           | 1               | 49 | 22.20  | 22.09 | 22.00  | 1        |
|                            |           | 25              | 0  | 21.17  | 21.05 | 21.10  | 2        |
|                            |           | 25              | 12 | 21.07  | 21.13 | 21.01  | 2        |
|                            |           | 25              | 25 | 21.00  | 20.96 | 20.82  | 2        |
|                            |           | 50              | 0  | 21.03  | 21.09 | 20.98  | 2        |
| BW                         | MCS Index | Channel         |    | 18625  | 18900 | 19175  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1852.5 | 1880  | 1907.5 |          |
| 5M                         | QPSK      | 1               | 0  | 23.10  | 22.73 | 22.43  | 0        |
|                            |           | 1               | 12 | 23.00  | 22.91 | 22.72  | 0        |
|                            |           | 1               | 24 | 22.69  | 22.74 | 22.47  | 0        |
|                            |           | 12              | 0  | 22.01  | 21.89 | 21.72  | 1        |
|                            |           | 12              | 6  | 22.04  | 21.95 | 21.73  | 1        |
|                            |           | 12              | 13 | 21.93  | 21.85 | 21.65  | 1        |
|                            |           | 25              | 0  | 21.91  | 21.91 | 21.64  | 1        |
|                            | 16QAM     | 1               | 0  | 22.23  | 22.27 | 22.06  | 1        |
|                            |           | 1               | 12 | 22.23  | 22.31 | 22.21  | 1        |
|                            |           | 1               | 24 | 22.14  | 22.06 | 22.00  | 1        |
|                            |           | 12              | 0  | 21.07  | 21.09 | 21.09  | 2        |
|                            |           | 12              | 6  | 21.03  | 21.08 | 21.09  | 2        |
|                            |           | 12              | 13 | 20.98  | 20.95 | 20.87  | 2        |
|                            |           | 25              | 0  | 20.98  | 21.00 | 21.00  | 2        |

| LTE Conducted Power (Full) |           |                 |    |        |       |        |          |
|----------------------------|-----------|-----------------|----|--------|-------|--------|----------|
| LTE Band 2                 |           |                 |    |        |       |        |          |
| BW                         | MCS Index | Channel         |    | 18615  | 18900 | 19185  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1851.5 | 1880  | 1908.5 |          |
| 3M                         | QPSK      | 1               | 0  | 22.98  | 22.64 | 22.54  | 0        |
|                            |           | 1               | 7  | 22.87  | 22.93 | 22.82  | 0        |
|                            |           | 1               | 14 | 22.80  | 22.67 | 22.58  | 0        |
|                            |           | 8               | 0  | 21.87  | 21.95 | 21.80  | 1        |
|                            |           | 8               | 3  | 21.99  | 21.84 | 21.87  | 1        |
|                            |           | 8               | 7  | 21.90  | 21.89 | 21.84  | 1        |
|                            |           | 15              | 0  | 21.97  | 21.91 | 21.87  | 1        |
|                            | 16QAM     | 1               | 0  | 22.32  | 22.30 | 22.14  | 1        |
|                            |           | 1               | 7  | 22.27  | 22.24 | 22.17  | 1        |
|                            |           | 1               | 14 | 22.09  | 22.03 | 22.01  | 1        |
|                            |           | 8               | 0  | 21.08  | 20.97 | 21.18  | 2        |
|                            |           | 8               | 3  | 21.10  | 21.09 | 21.14  | 2        |
|                            |           | 8               | 7  | 21.06  | 21.01 | 20.94  | 2        |
|                            |           | 15              | 0  | 21.00  | 20.98 | 21.01  | 2        |
| BW                         | MCS Index | Channel         |    | 18607  | 18900 | 19193  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1850.7 | 1880  | 1909.3 |          |
| 1.4M                       | QPSK      | 1               | 0  | 23.05  | 22.78 | 22.45  | 0        |
|                            |           | 1               | 2  | 22.97  | 22.84 | 22.79  | 0        |
|                            |           | 1               | 5  | 22.67  | 22.59 | 22.64  | 0        |
|                            |           | 3               | 0  | 22.95  | 22.78 | 22.88  | 0        |
|                            |           | 3               | 1  | 22.99  | 22.92 | 22.74  | 0        |
|                            |           | 3               | 3  | 22.93  | 22.79 | 22.70  | 0        |
|                            |           | 6               | 0  | 21.94  | 21.97 | 21.90  | 1        |
|                            | 16QAM     | 1               | 0  | 22.26  | 22.24 | 22.12  | 1        |
|                            |           | 1               | 2  | 22.22  | 22.27 | 22.23  | 1        |
|                            |           | 1               | 5  | 22.13  | 22.00 | 22.00  | 1        |
|                            |           | 3               | 0  | 22.07  | 22.02 | 22.06  | 1        |
|                            |           | 3               | 1  | 22.04  | 22.12 | 22.07  | 1        |
|                            |           | 3               | 3  | 21.94  | 21.94 | 21.82  | 1        |
|                            |           | 6               | 0  | 21.14  | 21.06 | 20.87  | 2        |

| LTE Conducted Power (Full) |           |                 |           |        |        |        |               |
|----------------------------|-----------|-----------------|-----------|--------|--------|--------|---------------|
| LTE Band 4                 |           |                 |           |        |        |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP MPR (dB) |
|                            |           | Channel         |           | 20050  | 20175  | 20300  |               |
|                            |           | Frequency (MHz) |           | 1720   | 1732.5 | 1745   |               |
| 20M                        | QPSK      | 1               | 0         | 22.73  | 22.66  | 22.71  | 0             |
|                            |           | 1               | 50        | 22.63  | 22.52  | 22.58  | 0             |
|                            |           | 1               | 99        | 22.48  | 22.43  | 22.45  | 0             |
|                            |           | 50              | 0         | 21.80  | 21.59  | 21.65  | 1             |
|                            |           | 50              | 25        | 21.66  | 21.57  | 21.63  | 1             |
|                            |           | 50              | 50        | 21.62  | 21.52  | 21.56  | 1             |
|                            |           | 100             | 0         | 21.69  | 21.60  | 21.64  | 1             |
|                            | 16QAM     | 1               | 0         | 21.49  | 21.40  | 21.32  | 1             |
|                            |           | 1               | 50        | 21.40  | 21.31  | 21.23  | 1             |
|                            |           | 1               | 99        | 21.30  | 21.21  | 21.13  | 1             |
|                            |           | 50              | 0         | 20.29  | 20.20  | 20.12  | 2             |
|                            |           | 50              | 25        | 20.30  | 20.21  | 20.13  | 2             |
|                            |           | 50              | 50        | 20.22  | 20.13  | 20.05  | 2             |
|                            |           | 100             | 0         | 20.24  | 20.15  | 20.07  | 2             |
| BW                         | MCS Index | Channel         |           | 20025  | 20175  | 20325  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 1717.5 | 1732.5 | 1747.5 |               |
| 15M                        | QPSK      | 1               | 0         | 22.41  | 22.34  | 22.29  | 0             |
|                            |           | 1               | 37        | 22.36  | 22.30  | 22.21  | 0             |
|                            |           | 1               | 74        | 22.24  | 22.11  | 22.05  | 0             |
|                            |           | 36              | 0         | 21.40  | 21.31  | 21.26  | 1             |
|                            |           | 36              | 19        | 21.38  | 21.31  | 21.20  | 1             |
|                            |           | 36              | 39        | 21.35  | 21.31  | 21.17  | 1             |
|                            |           | 75              | 0         | 21.42  | 21.32  | 21.32  | 1             |
|                            | 16QAM     | 1               | 0         | 21.45  | 21.32  | 21.30  | 1             |
|                            |           | 1               | 37        | 21.36  | 21.23  | 21.14  | 1             |
|                            |           | 1               | 74        | 21.28  | 21.17  | 21.05  | 1             |
|                            |           | 36              | 0         | 20.24  | 20.13  | 20.11  | 2             |
|                            |           | 36              | 19        | 20.21  | 20.18  | 20.11  | 2             |
|                            |           | 36              | 39        | 20.12  | 20.03  | 20.04  | 2             |
|                            |           | 75              | 0         | 20.14  | 20.07  | 20.00  | 2             |

| LTE Conducted Power (Full) |           |                 |    |        |        |        |          |
|----------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 4                 |           |                 |    |        |        |        |          |
| BW                         | MCS Index | Channel         |    | 20000  | 20175  | 20350  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1715   | 1732.5 | 1750   |          |
| 10M                        | QPSK      | 1               | 0  | 22.27  | 22.27  | 22.12  | 0        |
|                            |           | 1               | 24 | 22.28  | 22.12  | 22.09  | 0        |
|                            |           | 1               | 49 | 22.15  | 22.16  | 22.02  | 0        |
|                            |           | 25              | 0  | 21.40  | 21.32  | 21.13  | 1        |
|                            |           | 25              | 12 | 21.38  | 21.32  | 21.17  | 1        |
|                            |           | 25              | 25 | 21.40  | 21.23  | 21.16  | 1        |
|                            |           | 50              | 0  | 21.44  | 21.23  | 21.28  | 1        |
|                            | 16QAM     | 1               | 0  | 21.29  | 21.20  | 21.14  | 1        |
|                            |           | 1               | 24 | 21.17  | 21.14  | 21.18  | 1        |
|                            |           | 1               | 49 | 21.21  | 21.11  | 20.94  | 1        |
|                            |           | 25              | 0  | 20.26  | 20.13  | 19.94  | 2        |
|                            |           | 25              | 12 | 20.25  | 19.99  | 19.97  | 2        |
|                            |           | 25              | 25 | 20.18  | 19.95  | 19.93  | 2        |
|                            |           | 50              | 0  | 20.13  | 19.97  | 20.01  | 2        |
| BW                         | MCS Index | Channel         |    | 19975  | 20175  | 20375  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1712.5 | 1732.5 | 1752.5 |          |
| 5M                         | QPSK      | 1               | 0  | 22.23  | 22.26  | 21.99  | 0        |
|                            |           | 1               | 12 | 22.29  | 22.26  | 22.06  | 0        |
|                            |           | 1               | 24 | 22.21  | 22.10  | 21.94  | 0        |
|                            |           | 12              | 0  | 21.32  | 21.28  | 21.23  | 1        |
|                            |           | 12              | 6  | 21.34  | 21.18  | 21.13  | 1        |
|                            |           | 12              | 13 | 21.34  | 21.15  | 20.98  | 1        |
|                            |           | 25              | 0  | 21.40  | 21.28  | 21.17  | 1        |
|                            | 16QAM     | 1               | 0  | 21.34  | 21.29  | 21.16  | 1        |
|                            |           | 1               | 12 | 21.34  | 21.22  | 21.18  | 1        |
|                            |           | 1               | 24 | 21.24  | 21.20  | 21.06  | 1        |
|                            |           | 12              | 0  | 20.18  | 20.02  | 19.88  | 2        |
|                            |           | 12              | 6  | 20.15  | 20.09  | 20.03  | 2        |
|                            |           | 12              | 13 | 20.15  | 20.02  | 19.94  | 2        |
|                            |           | 25              | 0  | 20.04  | 20.00  | 19.84  | 2        |



| LTE Conducted Power (Full) |           |                 |    |        |        |        |          |
|----------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 4                 |           |                 |    |        |        |        |          |
| BW                         | MCS Index | Channel         |    | 19965  | 20175  | 20385  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1711.5 | 1732.5 | 1753.5 |          |
| 3M                         | QPSK      | 1               | 0  | 22.31  | 22.27  | 22.17  | 0        |
|                            |           | 1               | 7  | 22.35  | 22.29  | 22.10  | 0        |
|                            |           | 1               | 14 | 22.19  | 22.11  | 21.99  | 0        |
|                            |           | 8               | 0  | 21.31  | 21.24  | 21.25  | 1        |
|                            |           | 8               | 3  | 21.37  | 21.20  | 21.22  | 1        |
|                            |           | 8               | 7  | 21.24  | 21.32  | 21.05  | 1        |
|                            |           | 15              | 0  | 21.28  | 21.27  | 21.24  | 1        |
|                            | 16QAM     | 1               | 0  | 21.33  | 21.35  | 21.18  | 1        |
|                            |           | 1               | 7  | 21.19  | 21.16  | 21.13  | 1        |
|                            |           | 1               | 14 | 21.18  | 21.07  | 21.02  | 1        |
|                            |           | 8               | 0  | 20.07  | 20.05  | 20.11  | 2        |
|                            |           | 8               | 3  | 20.21  | 20.08  | 19.96  | 2        |
|                            |           | 8               | 7  | 20.16  | 19.94  | 19.99  | 2        |
|                            |           | 15              | 0  | 19.99  | 20.07  | 19.94  | 2        |
| BW                         | MCS Index | Channel         |    | 19957  | 20175  | 20393  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 1710.7 | 1732.5 | 1754.3 |          |
| 1.4M                       | QPSK      | 1               | 0  | 22.28  | 22.31  | 22.21  | 0        |
|                            |           | 1               | 2  | 22.30  | 22.17  | 22.09  | 0        |
|                            |           | 1               | 5  | 22.14  | 22.09  | 22.03  | 0        |
|                            |           | 3               | 0  | 22.32  | 22.38  | 22.15  | 0        |
|                            |           | 3               | 1  | 22.40  | 22.28  | 22.23  | 0        |
|                            |           | 3               | 3  | 22.31  | 22.18  | 22.02  | 0        |
|                            |           | 6               | 0  | 21.27  | 21.25  | 21.23  | 1        |
|                            | 16QAM     | 1               | 0  | 21.39  | 21.37  | 21.20  | 1        |
|                            |           | 1               | 2  | 21.28  | 21.27  | 21.04  | 1        |
|                            |           | 1               | 5  | 21.09  | 21.18  | 21.03  | 1        |
|                            |           | 3               | 0  | 21.04  | 21.05  | 20.92  | 1        |
|                            |           | 3               | 1  | 21.10  | 21.10  | 21.04  | 1        |
|                            |           | 3               | 3  | 21.12  | 21.05  | 21.04  | 1        |
|                            |           | 6               | 0  | 20.14  | 20.08  | 19.91  | 2        |

| LTE Conducted Power (Full) |           |                 |           |       |       |       |               |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 5                 |           |                 |           |       |       |       |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low   | Mid   | High  | 3GPP MPR (dB) |
|                            |           | Channel         |           | 20450 | 20525 | 20600 |               |
|                            |           | Frequency (MHz) |           | 829   | 836.5 | 844   |               |
| 10M                        | QPSK      | 1               | 0         | 23.03 | 23.09 | 22.87 | 0             |
|                            |           | 1               | 24        | 22.91 | 22.98 | 22.77 | 0             |
|                            |           | 1               | 49        | 22.84 | 22.91 | 22.70 | 0             |
|                            |           | 25              | 0         | 22.01 | 22.08 | 21.87 | 1             |
|                            |           | 25              | 12        | 21.99 | 22.06 | 21.85 | 1             |
|                            |           | 25              | 25        | 21.94 | 22.01 | 21.80 | 1             |
|                            |           | 50              | 0         | 21.96 | 22.03 | 21.82 | 1             |
|                            | 16QAM     | 1               | 0         | 22.30 | 22.37 | 22.16 | 1             |
|                            |           | 1               | 24        | 22.18 | 22.25 | 22.04 | 1             |
|                            |           | 1               | 49        | 22.11 | 22.18 | 21.97 | 1             |
|                            |           | 25              | 0         | 21.12 | 21.19 | 20.98 | 2             |
|                            |           | 25              | 12        | 21.05 | 21.12 | 20.91 | 2             |
|                            |           | 25              | 25        | 20.97 | 21.04 | 20.83 | 2             |
|                            |           | 50              | 0         | 21.09 | 21.16 | 20.95 | 2             |
| BW                         | MCS Index | Channel         |           | 20425 | 20525 | 20625 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 826.5 | 836.5 | 846.5 |               |
| 5M                         | QPSK      | 1               | 0         | 22.97 | 22.99 | 22.85 | 0             |
|                            |           | 1               | 12        | 22.91 | 22.94 | 22.73 | 0             |
|                            |           | 1               | 24        | 22.76 | 22.83 | 22.64 | 0             |
|                            |           | 12              | 0         | 21.99 | 22.02 | 21.83 | 1             |
|                            |           | 12              | 6         | 21.98 | 22.01 | 21.78 | 1             |
|                            |           | 12              | 13        | 21.93 | 21.94 | 21.76 | 1             |
|                            |           | 25              | 0         | 21.86 | 21.93 | 21.73 | 1             |
|                            | 16QAM     | 1               | 0         | 22.23 | 22.31 | 22.09 | 1             |
|                            |           | 1               | 12        | 22.16 | 22.22 | 22.02 | 1             |
|                            |           | 1               | 24        | 22.05 | 22.11 | 21.91 | 1             |
|                            |           | 12              | 0         | 21.07 | 21.13 | 20.95 | 2             |
|                            |           | 12              | 6         | 20.96 | 21.08 | 20.90 | 2             |
|                            |           | 12              | 13        | 20.95 | 21.00 | 20.82 | 2             |
|                            |           | 25              | 0         | 21.00 | 21.16 | 20.88 | 2             |

| LTE Conducted Power (Full) |           |                 |    |       |       |       |          |
|----------------------------|-----------|-----------------|----|-------|-------|-------|----------|
| LTE Band 5                 |           |                 |    |       |       |       |          |
| BW                         | MCS Index | Channel         |    | 20415 | 20525 | 20635 | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 825.5 | 836.5 | 847.5 |          |
| 3M                         | QPSK      | 1               | 0  | 22.98 | 23.06 | 22.86 | 0        |
|                            |           | 1               | 7  | 22.90 | 22.98 | 22.75 | 0        |
|                            |           | 1               | 14 | 22.82 | 22.89 | 22.64 | 0        |
|                            |           | 8               | 0  | 21.95 | 22.04 | 21.78 | 1        |
|                            |           | 8               | 3  | 21.98 | 22.01 | 21.85 | 1        |
|                            |           | 8               | 7  | 21.85 | 21.95 | 21.74 | 1        |
|                            |           | 15              | 0  | 21.90 | 21.98 | 21.77 | 1        |
|                            | 16QAM     | 1               | 0  | 22.30 | 22.33 | 22.09 | 1        |
|                            |           | 1               | 7  | 22.16 | 22.19 | 22.03 | 1        |
|                            |           | 1               | 14 | 22.04 | 22.12 | 21.97 | 1        |
|                            |           | 8               | 0  | 21.09 | 21.12 | 20.92 | 2        |
|                            |           | 8               | 3  | 21.04 | 21.09 | 20.82 | 2        |
|                            |           | 8               | 7  | 20.97 | 21.00 | 20.74 | 2        |
|                            |           | 15              | 0  | 21.01 | 21.06 | 20.86 | 2        |
| BW                         | MCS Index | Channel         |    | 20407 | 20525 | 20643 | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 824.7 | 836.5 | 848.3 |          |
| 1.4M                       | QPSK      | 1               | 0  | 22.99 | 22.94 | 22.80 | 0        |
|                            |           | 1               | 2  | 22.77 | 22.85 | 22.67 | 0        |
|                            |           | 1               | 5  | 22.71 | 22.80 | 22.62 | 0        |
|                            |           | 3               | 0  | 22.93 | 22.92 | 22.78 | 0        |
|                            |           | 3               | 1  | 22.83 | 22.86 | 22.73 | 0        |
|                            |           | 3               | 3  | 22.77 | 22.86 | 22.70 | 0        |
|                            |           | 6               | 0  | 21.85 | 21.90 | 21.72 | 1        |
|                            | 16QAM     | 1               | 0  | 22.13 | 22.25 | 22.11 | 1        |
|                            |           | 1               | 2  | 22.04 | 22.18 | 22.02 | 1        |
|                            |           | 1               | 5  | 22.07 | 21.98 | 21.85 | 1        |
|                            |           | 3               | 0  | 21.95 | 22.09 | 21.89 | 1        |
|                            |           | 3               | 1  | 21.94 | 22.03 | 21.81 | 1        |
|                            |           | 3               | 3  | 21.91 | 21.97 | 21.73 | 1        |
|                            |           | 6               | 0  | 20.90 | 21.02 | 20.88 | 2        |

| LTE Conducted Power (Full) |           |                 |           |        |       |        |               |
|----------------------------|-----------|-----------------|-----------|--------|-------|--------|---------------|
| LTE Band 7                 |           |                 |           |        |       |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   | 3GPP MPR (dB) |
|                            |           | Channel         |           | 20850  | 21100 | 21350  |               |
|                            |           | Frequency (MHz) |           | 2510   | 2535  | 2560   |               |
| 20M                        | QPSK      | 1               | 0         | 22.41  | 22.49 | 22.36  | 0             |
|                            |           | 1               | 50        | 22.38  | 22.46 | 22.33  | 0             |
|                            |           | 1               | 99        | 22.31  | 22.39 | 22.26  | 0             |
|                            |           | 50              | 0         | 21.48  | 21.50 | 21.43  | 1             |
|                            |           | 50              | 25        | 21.42  | 21.48 | 21.37  | 1             |
|                            |           | 50              | 50        | 21.46  | 21.47 | 21.41  | 1             |
|                            |           | 100             | 0         | 21.45  | 21.45 | 21.40  | 1             |
|                            | 16QAM     | 1               | 0         | 21.35  | 21.42 | 21.28  | 1             |
|                            |           | 1               | 50        | 21.33  | 21.44 | 21.27  | 1             |
|                            |           | 1               | 99        | 21.30  | 21.30 | 21.22  | 1             |
|                            |           | 50              | 0         | 20.42  | 20.44 | 20.36  | 2             |
|                            |           | 50              | 25        | 20.40  | 20.49 | 20.38  | 2             |
|                            |           | 50              | 50        | 20.44  | 20.50 | 20.37  | 2             |
|                            |           | 100             | 0         | 20.39  | 20.49 | 20.34  | 2             |
| BW                         | MCS Index | Channel         |           | 20825  | 21100 | 21375  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 2507.5 | 2535  | 2562.5 |               |
| 15M                        | QPSK      | 1               | 0         | 22.40  | 22.42 | 22.33  | 0             |
|                            |           | 1               | 37        | 22.30  | 22.41 | 22.25  | 0             |
|                            |           | 1               | 74        | 22.26  | 22.35 | 22.20  | 0             |
|                            |           | 36              | 0         | 21.37  | 21.47 | 21.35  | 1             |
|                            |           | 36              | 19        | 21.39  | 21.48 | 21.34  | 1             |
|                            |           | 36              | 39        | 21.45  | 21.44 | 21.40  | 1             |
|                            |           | 75              | 0         | 21.38  | 21.47 | 21.37  | 1             |
|                            | 16QAM     | 1               | 0         | 21.32  | 21.44 | 21.23  | 1             |
|                            |           | 1               | 37        | 21.27  | 21.38 | 21.28  | 1             |
|                            |           | 1               | 74        | 21.25  | 21.35 | 21.16  | 1             |
|                            |           | 36              | 0         | 20.33  | 20.47 | 20.25  | 2             |
|                            |           | 36              | 19        | 20.39  | 20.49 | 20.42  | 2             |
|                            |           | 36              | 39        | 20.34  | 20.44 | 20.40  | 2             |
|                            |           | 75              | 0         | 20.25  | 20.44 | 20.34  | 2             |

| LTE Conducted Power (Full) |           |                 |    |        |       |        |          |
|----------------------------|-----------|-----------------|----|--------|-------|--------|----------|
| LTE Band 7                 |           |                 |    |        |       |        |          |
| BW                         | MCS Index | Channel         |    | 20800  | 21100 | 21400  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 2505   | 2535  | 2565   |          |
| 10M                        | QPSK      | 1               | 0  | 22.29  | 22.34 | 22.24  | 0        |
|                            |           | 1               | 24 | 22.17  | 22.27 | 22.17  | 0        |
|                            |           | 1               | 49 | 22.29  | 22.20 | 22.06  | 0        |
|                            |           | 25              | 0  | 21.30  | 21.33 | 21.31  | 1        |
|                            |           | 25              | 12 | 21.38  | 21.47 | 21.27  | 1        |
|                            |           | 25              | 25 | 21.33  | 21.41 | 21.37  | 1        |
|                            |           | 50              | 0  | 21.25  | 21.36 | 21.28  | 1        |
|                            | 16QAM     | 1               | 0  | 21.19  | 21.29 | 21.26  | 1        |
|                            |           | 1               | 24 | 21.33  | 21.25 | 21.29  | 1        |
|                            |           | 1               | 49 | 21.13  | 21.24 | 21.08  | 1        |
|                            |           | 25              | 0  | 20.17  | 20.22 | 20.24  | 2        |
|                            |           | 25              | 12 | 20.33  | 20.40 | 20.11  | 2        |
|                            |           | 25              | 25 | 20.34  | 20.32 | 20.28  | 2        |
|                            |           | 50              | 0  | 20.27  | 20.34 | 20.09  | 2        |
| BW                         | MCS Index | Channel         |    | 20775  | 21100 | 21425  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 2502.5 | 2535  | 2567.5 |          |
| 5M                         | QPSK      | 1               | 0  | 22.20  | 22.34 | 22.18  | 0        |
|                            |           | 1               | 12 | 22.21  | 22.37 | 21.97  | 0        |
|                            |           | 1               | 24 | 22.18  | 22.32 | 21.99  | 0        |
|                            |           | 12              | 0  | 21.33  | 21.40 | 21.19  | 1        |
|                            |           | 12              | 6  | 21.32  | 21.42 | 21.18  | 1        |
|                            |           | 12              | 13 | 21.42  | 21.43 | 21.18  | 1        |
|                            |           | 25              | 0  | 21.36  | 21.33 | 21.21  | 1        |
|                            | 16QAM     | 1               | 0  | 21.23  | 21.36 | 21.09  | 1        |
|                            |           | 1               | 12 | 21.26  | 21.25 | 21.20  | 1        |
|                            |           | 1               | 24 | 21.08  | 21.25 | 21.01  | 1        |
|                            |           | 12              | 0  | 20.19  | 20.27 | 20.17  | 2        |
|                            |           | 12              | 6  | 20.30  | 20.46 | 20.20  | 2        |
|                            |           | 12              | 13 | 20.38  | 20.36 | 20.16  | 2        |
|                            |           | 25              | 0  | 20.28  | 20.29 | 20.25  | 2        |

| LTE Conducted Power (Full) |           |                 |           |       |       |       |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|
| LTE Band 17                |           |                 |           |       |       |       |
| BW                         | MCS Index | RB Size         | RB Offset | Low   | Mid   | High  |
|                            |           | Channel         |           | 23780 | 23790 | 23800 |
|                            |           | Frequency (MHz) |           | 709   | 710   | 711   |
| 10M                        | QPSK      | 1               | 0         | 22.57 | 22.64 | 22.61 |
|                            |           | 1               | 24        | 22.56 | 22.63 | 22.59 |
|                            |           | 1               | 49        | 22.53 | 22.59 | 22.55 |
|                            |           | 25              | 0         | 21.63 | 21.69 | 21.65 |
|                            |           | 25              | 12        | 21.57 | 21.63 | 21.59 |
|                            |           | 25              | 25        | 21.53 | 21.59 | 21.55 |
|                            |           | 50              | 0         | 21.55 | 21.61 | 21.57 |
|                            | 16QAM     | 1               | 0         | 21.92 | 21.98 | 21.94 |
|                            |           | 1               | 24        | 21.78 | 21.84 | 21.80 |
|                            |           | 1               | 49        | 21.76 | 21.82 | 21.78 |
|                            |           | 25              | 0         | 20.77 | 20.83 | 20.79 |
|                            |           | 25              | 12        | 20.68 | 20.74 | 20.70 |
|                            |           | 25              | 25        | 20.65 | 20.71 | 20.67 |
|                            |           | 50              | 0         | 20.68 | 20.74 | 20.70 |
| BW                         | MCS Index | Channel         |           | 23755 | 23790 | 23825 |
|                            |           | Frequency (MHz) |           | 706.5 | 710   | 713.5 |
| 5M                         | QPSK      | 1               | 0         | 22.53 | 22.54 | 22.60 |
|                            |           | 1               | 12        | 22.51 | 22.55 | 22.57 |
|                            |           | 1               | 24        | 22.45 | 22.56 | 22.51 |
|                            |           | 12              | 0         | 21.60 | 21.59 | 21.60 |
|                            |           | 12              | 6         | 21.54 | 21.61 | 21.52 |
|                            |           | 12              | 13        | 21.48 | 21.54 | 21.54 |
|                            |           | 25              | 0         | 21.45 | 21.57 | 21.52 |
|                            | 16QAM     | 1               | 0         | 21.83 | 21.98 | 21.92 |
|                            |           | 1               | 12        | 21.72 | 21.77 | 21.70 |
|                            |           | 1               | 24        | 21.72 | 21.75 | 21.77 |
|                            |           | 12              | 0         | 20.76 | 20.82 | 20.71 |
|                            |           | 12              | 6         | 20.61 | 20.64 | 20.68 |
|                            |           | 12              | 13        | 20.63 | 20.65 | 20.62 |
|                            |           | 25              | 0         | 20.58 | 20.66 | 20.61 |

| LTE Conducted Power (Full) |           |                 |           |       |       |       |               |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 26                |           |                 |           |       |       |       |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low   | Mid   | High  | 3GPP MPR (dB) |
|                            |           | Channel         |           | 26765 | 26865 | 26965 |               |
|                            |           | Frequency (MHz) |           | 821.5 | 831.5 | 841.5 |               |
| 15M                        | QPSK      | 1               | 0         | 23.02 | 23.15 | 23.01 | 0             |
|                            |           | 1               | 37        | 22.85 | 22.96 | 22.83 | 0             |
|                            |           | 1               | 74        | 22.75 | 22.86 | 22.73 | 0             |
|                            |           | 36              | 0         | 21.95 | 22.06 | 21.93 | 1             |
|                            |           | 36              | 19        | 21.90 | 22.01 | 21.88 | 1             |
|                            |           | 36              | 39        | 21.82 | 21.93 | 21.80 | 1             |
|                            |           | 75              | 0         | 21.90 | 22.01 | 21.88 | 1             |
|                            | 16QAM     | 1               | 0         | 22.32 | 22.43 | 22.30 | 1             |
|                            |           | 1               | 37        | 22.21 | 22.32 | 22.19 | 1             |
|                            |           | 1               | 74        | 21.97 | 22.08 | 21.95 | 1             |
|                            |           | 36              | 0         | 21.08 | 21.19 | 21.06 | 2             |
|                            |           | 36              | 19        | 21.05 | 21.16 | 21.03 | 2             |
|                            |           | 36              | 39        | 20.92 | 21.03 | 20.90 | 2             |
|                            |           | 75              | 0         | 20.98 | 21.09 | 20.96 | 2             |
| BW                         | MCS Index | Channel         |           | 26740 | 26865 | 26990 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 819   | 831.5 | 844   |               |
| 10M                        | QPSK      | 1               | 0         | 22.92 | 23.14 | 22.92 | 0             |
|                            |           | 1               | 24        | 22.79 | 22.91 | 22.77 | 0             |
|                            |           | 1               | 49        | 22.65 | 22.78 | 22.66 | 0             |
|                            |           | 25              | 0         | 21.85 | 21.99 | 21.87 | 1             |
|                            |           | 25              | 12        | 21.82 | 21.96 | 21.85 | 1             |
|                            |           | 25              | 25        | 21.72 | 21.86 | 21.76 | 1             |
|                            |           | 50              | 0         | 21.89 | 22.01 | 21.88 | 1             |
|                            | 16QAM     | 1               | 0         | 22.29 | 22.35 | 22.25 | 1             |
|                            |           | 1               | 24        | 22.20 | 22.22 | 22.19 | 1             |
|                            |           | 1               | 49        | 21.94 | 22.06 | 21.94 | 1             |
|                            |           | 25              | 0         | 21.06 | 21.12 | 21.05 | 2             |
|                            |           | 25              | 12        | 21.05 | 21.16 | 21.03 | 2             |
|                            |           | 25              | 25        | 20.90 | 20.99 | 20.89 | 2             |
|                            |           | 50              | 0         | 20.89 | 21.06 | 20.95 | 2             |

| LTE Conducted Power (Full) |           |                 |    |       |       |       |          |
|----------------------------|-----------|-----------------|----|-------|-------|-------|----------|
| LTE Band 26                |           |                 |    |       |       |       |          |
| BW                         | MCS Index | Channel         |    | 26715 | 26865 | 27015 | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 816.5 | 831.5 | 846.5 |          |
| 5M                         | QPSK      | 1               | 0  | 22.96 | 23.04 | 22.84 | 0        |
|                            |           | 1               | 12 | 22.62 | 22.95 | 22.78 | 0        |
|                            |           | 1               | 24 | 22.61 | 22.67 | 22.55 | 0        |
|                            |           | 12              | 0  | 21.87 | 22.03 | 21.83 | 1        |
|                            |           | 12              | 6  | 21.82 | 21.88 | 21.81 | 1        |
|                            |           | 12              | 13 | 21.60 | 21.82 | 21.65 | 1        |
|                            |           | 25              | 0  | 21.76 | 21.77 | 21.81 | 1        |
|                            | 16QAM     | 1               | 0  | 22.11 | 22.34 | 22.27 | 1        |
|                            |           | 1               | 12 | 22.15 | 22.08 | 22.02 | 1        |
|                            |           | 1               | 24 | 21.89 | 21.95 | 21.88 | 1        |
|                            |           | 12              | 0  | 20.89 | 21.03 | 20.91 | 2        |
|                            |           | 12              | 6  | 21.00 | 21.04 | 20.96 | 2        |
|                            |           | 12              | 13 | 20.72 | 20.93 | 20.74 | 2        |
|                            |           | 25              | 0  | 20.90 | 20.92 | 20.78 | 2        |
| BW                         | MCS Index | Channel         |    | 26705 | 26865 | 27025 | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 815.5 | 831.5 | 847.5 |          |
| 3M                         | QPSK      | 1               | 0  | 22.82 | 23.08 | 22.97 | 0        |
|                            |           | 1               | 7  | 22.72 | 22.76 | 22.78 | 0        |
|                            |           | 1               | 14 | 22.55 | 22.70 | 22.69 | 0        |
|                            |           | 8               | 0  | 21.92 | 21.86 | 21.77 | 1        |
|                            |           | 8               | 3  | 21.79 | 21.94 | 21.80 | 1        |
|                            |           | 8               | 7  | 21.76 | 21.81 | 21.63 | 1        |
|                            |           | 15              | 0  | 21.72 | 21.85 | 21.70 | 1        |
|                            | 16QAM     | 1               | 0  | 22.22 | 22.39 | 22.19 | 1        |
|                            |           | 1               | 7  | 22.08 | 22.14 | 22.05 | 1        |
|                            |           | 1               | 14 | 21.77 | 21.96 | 21.79 | 1        |
|                            |           | 8               | 0  | 21.02 | 21.07 | 20.87 | 2        |
|                            |           | 8               | 3  | 20.89 | 21.07 | 20.87 | 2        |
|                            |           | 8               | 7  | 20.84 | 20.93 | 20.77 | 2        |
|                            |           | 15              | 0  | 20.81 | 21.02 | 20.78 | 2        |



| LTE Conducted Power (Full) |           |                 |   |       |       |       |          |
|----------------------------|-----------|-----------------|---|-------|-------|-------|----------|
| LTE Band 26                |           |                 |   |       |       |       |          |
| BW                         | MCS Index | Channel         |   | 26697 | 26865 | 27033 | 3GPP MPR |
|                            |           | Frequency (MHz) |   | 814.7 | 831.5 | 848.3 |          |
| 1.4M                       | QPSK      | 1               | 0 | 22.93 | 23.05 | 22.95 | 0        |
|                            |           | 1               | 2 | 22.68 | 22.78 | 22.73 | 0        |
|                            |           | 1               | 5 | 22.53 | 22.79 | 22.60 | 0        |
|                            |           | 3               | 0 | 22.75 | 22.94 | 22.85 | 0        |
|                            |           | 3               | 1 | 22.70 | 22.81 | 22.71 | 0        |
|                            |           | 3               | 3 | 22.74 | 22.84 | 22.64 | 0        |
|                            |           | 6               | 0 | 21.84 | 21.86 | 21.84 | 1        |
|                            | 16QAM     | 1               | 0 | 22.20 | 22.43 | 22.08 | 1        |
|                            |           | 1               | 2 | 22.02 | 22.23 | 22.12 | 1        |
|                            |           | 1               | 5 | 21.80 | 22.02 | 21.82 | 1        |
|                            |           | 3               | 0 | 21.88 | 22.08 | 21.86 | 1        |
|                            |           | 3               | 1 | 21.95 | 22.08 | 21.88 | 1        |
|                            |           | 3               | 3 | 21.75 | 21.91 | 21.75 | 1        |
|                            |           | 6               | 0 | 20.88 | 20.91 | 20.79 | 2        |

| LTE Conducted Power (Full) |           |                 |           |        |       |        |               |
|----------------------------|-----------|-----------------|-----------|--------|-------|--------|---------------|
| LTE Band 38                |           |                 |           |        |       |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   | 3GPP MPR (dB) |
|                            |           | Channel         |           | 37850  | 38000 | 38150  |               |
|                            |           | Frequency (MHz) |           | 2580   | 2595  | 2610   |               |
| 20M                        | QPSK      | 1               | 0         | 22.73  | 22.78 | 22.85  | 0             |
|                            |           | 1               | 50        | 22.67  | 22.72 | 22.78  | 0             |
|                            |           | 1               | 99        | 22.61  | 22.66 | 22.72  | 0             |
|                            |           | 50              | 0         | 21.74  | 21.79 | 21.85  | 1             |
|                            |           | 50              | 25        | 21.71  | 21.76 | 21.82  | 1             |
|                            |           | 50              | 50        | 21.66  | 21.71 | 21.77  | 1             |
|                            |           | 100             | 0         | 21.76  | 21.81 | 21.87  | 1             |
|                            | 16QAM     | 1               | 0         | 21.79  | 21.84 | 21.90  | 1             |
|                            |           | 1               | 50        | 21.77  | 21.82 | 21.88  | 1             |
|                            |           | 1               | 99        | 21.72  | 21.77 | 21.83  | 1             |
|                            |           | 50              | 0         | 20.71  | 20.76 | 20.82  | 2             |
|                            |           | 50              | 25        | 20.77  | 20.82 | 20.88  | 2             |
|                            |           | 50              | 50        | 20.79  | 20.84 | 20.90  | 2             |
|                            |           | 100             | 0         | 20.81  | 20.86 | 20.92  | 2             |
| BW                         | MCS Index | Channel         |           | 37825  | 38000 | 38175  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 2577.5 | 2595  | 2612.5 |               |
| 15M                        | QPSK      | 1               | 0         | 22.69  | 22.77 | 22.84  | 0             |
|                            |           | 1               | 37        | 22.59  | 22.62 | 22.74  | 0             |
|                            |           | 1               | 74        | 22.58  | 22.62 | 22.66  | 0             |
|                            |           | 36              | 0         | 21.72  | 21.78 | 21.82  | 1             |
|                            |           | 36              | 19        | 21.71  | 21.73 | 21.77  | 1             |
|                            |           | 36              | 39        | 21.57  | 21.63 | 21.75  | 1             |
|                            |           | 75              | 0         | 21.71  | 21.73 | 21.83  | 1             |
|                            | 16QAM     | 1               | 0         | 21.70  | 21.78 | 21.81  | 1             |
|                            |           | 1               | 37        | 21.70  | 21.75 | 21.79  | 1             |
|                            |           | 1               | 74        | 21.69  | 21.77 | 21.74  | 1             |
|                            |           | 36              | 0         | 20.71  | 20.67 | 20.73  | 2             |
|                            |           | 36              | 19        | 20.69  | 20.77 | 20.80  | 2             |
|                            |           | 36              | 39        | 20.69  | 20.83 | 20.80  | 2             |
|                            |           | 75              | 0         | 20.73  | 20.82 | 20.88  | 2             |

| LTE Conducted Power (Full) |           |                 |    |        |       |        |          |
|----------------------------|-----------|-----------------|----|--------|-------|--------|----------|
| LTE Band 38                |           |                 |    |        |       |        |          |
| BW                         | MCS Index | Channel         |    | 37800  | 38000 | 38200  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 2575   | 2595  | 2615   |          |
| 10M                        | QPSK      | 1               | 0  | 22.65  | 22.75 | 22.73  | 0        |
|                            |           | 1               | 24 | 22.53  | 22.63 | 22.72  | 0        |
|                            |           | 1               | 49 | 22.57  | 22.54 | 22.68  | 0        |
|                            |           | 25              | 0  | 21.60  | 21.61 | 21.69  | 1        |
|                            |           | 25              | 12 | 21.70  | 21.66 | 21.79  | 1        |
|                            |           | 25              | 25 | 21.55  | 21.57 | 21.65  | 1        |
|                            |           | 50              | 0  | 21.72  | 21.72 | 21.75  | 1        |
|                            | 16QAM     | 1               | 0  | 21.65  | 21.66 | 21.67  | 1        |
|                            |           | 1               | 24 | 21.53  | 21.69 | 21.68  | 1        |
|                            |           | 1               | 49 | 21.65  | 21.71 | 21.64  | 1        |
|                            |           | 25              | 0  | 20.59  | 20.68 | 20.69  | 2        |
|                            |           | 25              | 12 | 20.69  | 20.60 | 20.66  | 2        |
|                            |           | 25              | 25 | 20.68  | 20.76 | 20.75  | 2        |
|                            |           | 50              | 0  | 20.70  | 20.77 | 20.87  | 2        |
| BW                         | MCS Index | Channel         |    | 37775  | 38000 | 38225  | 3GPP MPR |
|                            |           | Frequency (MHz) |    | 2572.5 | 2595  | 2617.5 |          |
| 5M                         | QPSK      | 1               | 0  | 22.67  | 22.66 | 22.57  | 0        |
|                            |           | 1               | 12 | 22.46  | 22.71 | 22.66  | 0        |
|                            |           | 1               | 24 | 22.54  | 22.54 | 22.54  | 0        |
|                            |           | 12              | 0  | 21.70  | 21.65 | 21.65  | 1        |
|                            |           | 12              | 6  | 21.62  | 21.61 | 21.61  | 1        |
|                            |           | 12              | 13 | 21.57  | 21.54 | 21.54  | 1        |
|                            |           | 25              | 0  | 21.51  | 21.61 | 21.78  | 1        |
|                            | 16QAM     | 1               | 0  | 21.71  | 21.62 | 21.68  | 1        |
|                            |           | 1               | 12 | 21.61  | 21.77 | 21.78  | 1        |
|                            |           | 1               | 24 | 21.64  | 21.72 | 21.67  | 1        |
|                            |           | 12              | 0  | 20.58  | 20.71 | 20.77  | 2        |
|                            |           | 12              | 6  | 20.64  | 20.77 | 20.79  | 2        |
|                            |           | 12              | 13 | 20.78  | 20.63 | 20.80  | 2        |
|                            |           | 25              | 0  | 20.68  | 20.78 | 20.75  | 2        |

LTE Conducted Power (Full)

LTE Band 41

| BW  | MCS Index | RB Size         | RB Offset | Low    | Low    | Mid    | Mid   | Mid    | High   | 3GPP MPR (dB) |
|-----|-----------|-----------------|-----------|--------|--------|--------|-------|--------|--------|---------------|
|     |           | Channel         |           | 39790  | 39750  | 40185  | 40620 | 41055  | 41490  |               |
|     |           | Frequency (MHz) |           | 2510   | 2506   | 2549.5 | 2593  | 2636.5 | 2680   |               |
| 20M | QPSK      | 1               | 0         |        | 22.08  | 22.41  | 22.44 | 22.47  | 22.50  | 0             |
|     |           | 1               | 50        |        | 22.06  | 22.39  | 22.42 | 22.45  | 22.48  | 0             |
|     |           | 1               | 99        |        | 22.02  | 22.35  | 22.38 | 22.41  | 22.44  | 0             |
|     |           | 50              | 0         |        | 21.08  | 21.41  | 21.44 | 21.47  | 21.50  | 1             |
|     |           | 50              | 25        |        | 21.06  | 21.39  | 21.42 | 21.45  | 21.48  | 1             |
|     |           | 50              | 50        |        | 21.03  | 21.36  | 21.39 | 21.42  | 21.45  | 1             |
|     |           | 100             | 0         |        | 21.05  | 21.38  | 21.41 | 21.44  | 21.47  | 1             |
|     | 16QAM     | 1               | 0         |        | 21.11  | 21.44  | 21.47 | 21.50  | 21.49  | 1             |
|     |           | 1               | 50        |        | 21.09  | 21.42  | 21.45 | 21.48  | 21.45  | 1             |
|     |           | 1               | 99        |        | 21.06  | 21.39  | 21.42 | 21.45  | 21.48  | 1             |
|     |           | 50              | 0         |        | 20.10  | 20.43  | 20.46 | 20.49  | 20.44  | 2             |
|     |           | 50              | 25        |        | 20.08  | 20.41  | 20.44 | 20.47  | 20.50  | 2             |
|     |           | 50              | 50        |        | 20.05  | 20.38  | 20.41 | 20.44  | 20.47  | 2             |
|     |           | 100             | 0         |        | 20.07  | 20.40  | 20.43 | 20.46  | 20.49  | 2             |
| BW  | MCS Index | Channel         |           | 39765  | 39725  | 40173  | 40620 | 41068  | 41515  | 3GPP MPR      |
|     |           | Frequency (MHz) |           | 2507.5 | 2503.5 | 2548.3 | 2593  | 2637.8 | 2682.5 |               |
| 15M | QPSK      | 1               | 0         |        | 22.06  | 22.38  | 22.40 | 22.39  | 22.40  | 0             |
|     |           | 1               | 37        |        | 21.97  | 22.34  | 22.40 | 22.45  | 22.44  | 0             |
|     |           | 1               | 74        |        | 21.98  | 22.35  | 22.32 | 22.31  | 22.43  | 0             |
|     |           | 36              | 0         |        | 20.99  | 21.32  | 21.41 | 21.44  | 21.50  | 1             |
|     |           | 36              | 19        |        | 20.97  | 21.31  | 21.41 | 21.37  | 21.40  | 1             |
|     |           | 36              | 39        |        | 21.00  | 21.28  | 21.32 | 21.40  | 21.43  | 1             |
|     |           | 75              | 0         |        | 20.95  | 21.36  | 21.35 | 21.35  | 21.37  | 1             |
|     | 16QAM     | 1               | 0         |        | 21.03  | 21.36  | 21.35 | 21.47  | 21.45  | 1             |
|     |           | 1               | 37        |        | 20.98  | 21.31  | 21.33 | 21.36  | 21.45  | 1             |
|     |           | 1               | 74        |        | 21.02  | 21.28  | 21.28 | 21.40  | 21.36  | 1             |
|     |           | 36              | 0         |        | 20.01  | 20.32  | 20.37 | 20.45  | 20.44  | 2             |
|     |           | 36              | 19        |        | 19.99  | 20.38  | 20.36 | 20.43  | 20.44  | 2             |
|     |           | 36              | 39        |        | 20.03  | 20.33  | 20.32 | 20.36  | 20.39  | 2             |
|     |           | 75              | 0         |        | 20.04  | 20.31  | 20.39 | 20.39  | 20.41  | 2             |

LTE Conducted Power (Full)

LTE Band 41

| BW  | MCS Index | Channel         |    | 39740  | 39700  | 40160  | 40620 | 41080  | 41540  | 3GPP MPR |
|-----|-----------|-----------------|----|--------|--------|--------|-------|--------|--------|----------|
|     |           | Frequency (MHz) |    | 2505   | 2501   | 2547   | 2593  | 2639   | 2685   |          |
| 10M | QPSK      | 1               | 0  |        | 22.08  | 22.29  | 22.28 | 22.34  | 22.42  | 0        |
|     |           | 1               | 24 |        | 21.99  | 22.29  | 22.28 | 22.28  | 22.38  | 0        |
|     |           | 1               | 49 |        | 21.92  | 22.16  | 22.31 | 22.32  | 22.32  | 0        |
|     |           | 25              | 0  |        | 20.96  | 21.40  | 21.35 | 21.31  | 21.39  | 1        |
|     |           | 25              | 12 |        | 20.94  | 21.22  | 21.33 | 21.33  | 21.37  | 1        |
|     |           | 25              | 25 |        | 20.98  | 21.26  | 21.32 | 21.24  | 21.27  | 1        |
|     |           | 50              | 0  |        | 20.94  | 21.31  | 21.32 | 21.41  | 21.47  | 1        |
|     | 16QAM     | 1               | 0  |        | 21.04  | 21.25  | 21.27 | 21.34  | 21.41  | 1        |
|     |           | 1               | 24 |        | 21.04  | 21.35  | 21.30 | 21.30  | 21.45  | 1        |
|     |           | 1               | 49 |        | 20.88  | 21.22  | 21.34 | 21.32  | 21.33  | 1        |
|     |           | 25              | 0  |        | 20.02  | 20.33  | 20.41 | 20.32  | 20.35  | 2        |
|     |           | 25              | 12 |        | 19.94  | 20.23  | 20.39 | 20.27  | 20.39  | 2        |
|     |           | 25              | 25 |        | 19.93  | 20.28  | 20.26 | 20.29  | 20.29  | 2        |
|     |           | 50              | 0  |        | 19.95  | 20.30  | 20.34 | 20.31  | 20.40  | 2        |
| BW  | MCS Index | Channel         |    | 39715  | 39675  | 40148  | 40620 | 41093  | 41565  | 3GPP MPR |
|     |           | Frequency (MHz) |    | 2502.5 | 2498.5 | 2545.8 | 2593  | 2640.3 | 2687.5 |          |
| 5M  | QPSK      | 1               | 0  |        | 21.95  | 22.32  | 22.31 | 22.29  | 22.42  | 0        |
|     |           | 1               | 12 |        | 21.98  | 22.33  | 22.41 | 22.36  | 22.42  | 0        |
|     |           | 1               | 24 |        | 21.95  | 22.34  | 22.29 | 22.30  | 22.39  | 0        |
|     |           | 12              | 0  |        | 20.96  | 21.24  | 21.36 | 21.40  | 21.37  | 1        |
|     |           | 12              | 6  |        | 21.01  | 21.22  | 21.28 | 21.32  | 21.39  | 1        |
|     |           | 12              | 13 |        | 21.03  | 21.22  | 21.32 | 21.40  | 21.41  | 1        |
|     |           | 25              | 0  |        | 20.90  | 21.32  | 21.36 | 21.26  | 21.37  | 1        |
|     | 16QAM     | 1               | 0  |        | 20.98  | 21.30  | 21.31 | 21.34  | 21.49  | 1        |
|     |           | 1               | 12 |        | 21.00  | 21.37  | 21.33 | 21.35  | 21.39  | 1        |
|     |           | 1               | 24 |        | 20.95  | 21.27  | 21.21 | 21.30  | 21.41  | 1        |
|     |           | 12              | 0  |        | 19.95  | 20.24  | 20.40 | 20.37  | 20.41  | 2        |
|     |           | 12              | 6  |        | 19.97  | 20.23  | 20.32 | 20.35  | 20.35  | 2        |
|     |           | 12              | 13 |        | 19.96  | 20.20  | 20.36 | 20.39  | 20.32  | 2        |
|     |           | 25              | 0  |        | 19.92  | 20.25  | 20.38 | 20.33  | 20.37  | 2        |

| GSM Conducted Power (Hotspot) |        |       |       |         |       |        |
|-------------------------------|--------|-------|-------|---------|-------|--------|
| Band                          | GSM850 |       |       | GSM1900 |       |        |
| Channel                       | 128    | 189   | 251   | 512     | 661   | 810    |
| Frequency                     | 824.2  | 836.4 | 848.8 | 1850.2  | 1880  | 1909.8 |
| GSM                           |        |       |       | 30.42   | 30.45 | 30.39  |
| GPRS 1Tx Slot                 |        |       |       | 30.44   | 30.48 | 30.42  |
| GPRS 2Tx Slot                 |        |       |       | 27.50   | 27.44 | 27.38  |
| GPRS 3Tx Slot                 |        |       |       | 25.45   | 25.47 | 25.41  |
| GPRS 4Tx Slot                 |        |       |       | 23.95   | 23.96 | 23.90  |
| DTM 9 (GPRS)                  |        |       |       | 27.26   | 27.39 | 27.31  |
| DTM 11 (GPRS)                 |        |       |       | 25.32   | 25.49 | 25.48  |
| EDGE 1Tx Slot (MCS9)          |        |       |       | 24.43   | 24.48 | 24.42  |
| EDGE 2Tx Slot (MCS9)          |        |       |       | 24.41   | 24.46 | 24.40  |
| EDGE 3Tx Slot (MCS9)          |        |       |       | 24.50   | 24.44 | 24.38  |
| EDGE 4Tx Slot (MCS9)          |        |       |       | 23.42   | 23.36 | 23.30  |
| DTM 9 (EDGE)                  |        |       |       | 24.48   | 24.43 | 24.35  |
| DTM 11 (EDGE)                 |        |       |       | 24.40   | 24.49 | 24.20  |

| WCDMA Conducted Power (Hotspot) |          |       |        |          |        |        |
|---------------------------------|----------|-------|--------|----------|--------|--------|
| Band                            | WCDMA II |       |        | WCDMA IV |        |        |
| TX Channel                      | 9262     | 9400  | 9538   | 1312     | 1413   | 1513   |
| Rx Channel                      | 9662     | 9800  | 9938   | 1537     | 1638   | 1738   |
| Frequency                       | 1852.4   | 1880  | 1907.6 | 1712.4   | 1732.6 | 1752.6 |
| RMC 12.2K                       | 19.48    | 19.34 | 19.30  | 18.91    | 18.80  | 18.81  |
| HSDPA Subtest-1                 | 18.48    | 18.34 | 18.30  | 18.26    | 18.15  | 18.16  |
| HSDPA Subtest-2                 | 18.45    | 18.31 | 18.27  | 18.25    | 18.14  | 18.15  |
| HSDPA Subtest-3                 | 17.93    | 17.79 | 17.75  | 17.72    | 17.61  | 17.62  |
| HSDPA Subtest-4                 | 17.95    | 17.81 | 17.77  | 17.81    | 17.70  | 17.71  |
| DC-HSDPA Subtest-1              | 18.48    | 18.34 | 18.30  | 18.24    | 18.13  | 18.14  |
| DC-HSDPA Subtest-2              | 18.43    | 18.29 | 18.25  | 18.22    | 18.11  | 18.12  |
| DC-HSDPA Subtest-3              | 17.89    | 17.75 | 17.71  | 17.69    | 17.58  | 17.59  |
| DC-HSDPA Subtest-4              | 17.95    | 17.81 | 17.77  | 17.78    | 17.67  | 17.68  |
| HSUPA Subtest-1                 | 18.49    | 18.35 | 18.31  | 18.23    | 18.12  | 18.13  |
| HSUPA Subtest-2                 | 16.46    | 16.32 | 16.28  | 16.27    | 16.16  | 16.17  |
| HSUPA Subtest-3                 | 17.47    | 17.33 | 17.29  | 17.25    | 17.14  | 17.15  |
| HSUPA Subtest-4                 | 16.45    | 16.31 | 16.27  | 16.27    | 16.16  | 16.17  |
| HSUPA Subtest-5                 | 18.46    | 18.32 | 18.28  | 18.26    | 18.15  | 18.16  |

| LTE Conducted Power (Hotspot) |           |                 |           |        |       |        |               |
|-------------------------------|-----------|-----------------|-----------|--------|-------|--------|---------------|
| LTE Band 2                    |           |                 |           |        |       |        |               |
| BW                            | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   | 3GPP MPR (dB) |
|                               |           | Channel         |           | 18700  | 18900 | 19100  |               |
|                               |           | Frequency (MHz) |           | 1860   | 1880  | 1900   |               |
| 20M                           | QPSK      | 1               | 0         | 19.49  | 19.37 | 19.23  | 0             |
|                               |           | 1               | 50        | 19.48  | 19.36 | 19.22  | 0             |
|                               |           | 1               | 99        | 19.46  | 19.34 | 19.20  | 0             |
|                               |           | 50              | 0         | 19.45  | 19.33 | 19.19  | 0             |
|                               |           | 50              | 25        | 19.43  | 19.31 | 19.17  | 0             |
|                               |           | 50              | 50        | 19.40  | 19.28 | 19.14  | 0             |
|                               |           | 100             | 0         | 19.44  | 19.32 | 19.18  | 0             |
|                               | 16QAM     | 1               | 0         | 19.47  | 19.35 | 19.21  | 0             |
|                               |           | 1               | 50        | 19.45  | 19.33 | 19.19  | 0             |
|                               |           | 1               | 99        | 19.40  | 19.28 | 19.14  | 0             |
|                               |           | 50              | 0         | 19.47  | 19.35 | 19.21  | 0             |
|                               |           | 50              | 25        | 19.44  | 19.32 | 19.18  | 0             |
|                               |           | 50              | 50        | 19.42  | 19.30 | 19.16  | 0             |
|                               |           | 100             | 0         | 19.43  | 19.31 | 19.17  | 0             |
| BW                            | MCS Index | Channel         |           | 18675  | 18900 | 19125  | 3GPP MPR      |
|                               |           | Frequency (MHz) |           | 1857.5 | 1880  | 1902.5 |               |
| 15M                           | QPSK      | 1               | 0         | 19.40  | 19.32 | 19.14  | 0             |
|                               |           | 1               | 37        | 19.47  | 19.30 | 19.22  | 0             |
|                               |           | 1               | 74        | 19.46  | 19.26 | 19.17  | 0             |
|                               |           | 36              | 0         | 19.44  | 19.25 | 19.16  | 0             |
|                               |           | 36              | 19        | 19.33  | 19.27 | 19.16  | 0             |
|                               |           | 36              | 39        | 19.34  | 19.27 | 19.10  | 0             |
|                               |           | 75              | 0         | 19.35  | 19.26 | 19.08  | 0             |
|                               | 16QAM     | 1               | 0         | 19.39  | 19.33 | 19.21  | 0             |
|                               |           | 1               | 37        | 19.37  | 19.31 | 19.15  | 0             |
|                               |           | 1               | 74        | 19.34  | 19.25 | 19.13  | 0             |
|                               |           | 36              | 0         | 19.43  | 19.35 | 19.13  | 0             |
|                               |           | 36              | 19        | 19.40  | 19.29 | 19.17  | 0             |
|                               |           | 36              | 39        | 19.42  | 19.23 | 19.11  | 0             |
|                               |           | 75              | 0         | 19.36  | 19.27 | 19.09  | 0             |



| LTE Conducted Power (Hotspot) |           |                 |    |        |       |        |          |
|-------------------------------|-----------|-----------------|----|--------|-------|--------|----------|
| LTE Band 2                    |           |                 |    |        |       |        |          |
| BW                            | MCS Index | Channel         |    | 18650  | 18900 | 19150  | 3GPP MPR |
|                               |           | Frequency (MHz) |    | 1855   | 1880  | 1905   |          |
| 10M                           | QPSK      | 1               | 0  | 19.34  | 19.27 | 19.09  | 0        |
|                               |           | 1               | 24 | 19.45  | 19.34 | 19.11  | 0        |
|                               |           | 1               | 49 | 19.30  | 19.15 | 19.04  | 0        |
|                               |           | 25              | 0  | 19.35  | 19.26 | 19.16  | 0        |
|                               |           | 25              | 12 | 19.36  | 19.26 | 19.06  | 0        |
|                               |           | 25              | 25 | 19.27  | 19.20 | 19.10  | 0        |
|                               |           | 50              | 0  | 19.31  | 19.11 | 19.05  | 0        |
|                               | 16QAM     | 1               | 0  | 19.37  | 19.16 | 19.14  | 0        |
|                               |           | 1               | 24 | 19.28  | 19.19 | 19.03  | 0        |
|                               |           | 1               | 49 | 19.40  | 19.06 | 18.92  | 0        |
|                               |           | 25              | 0  | 19.39  | 19.24 | 19.14  | 0        |
|                               |           | 25              | 12 | 19.25  | 19.09 | 19.07  | 0        |
|                               |           | 25              | 25 | 19.31  | 19.12 | 19.02  | 0        |
|                               |           | 50              | 0  | 19.21  | 19.14 | 19.04  | 0        |
| BW                            | MCS Index | Channel         |    | 18625  | 18900 | 19175  | 3GPP MPR |
|                               |           | Frequency (MHz) |    | 1852.5 | 1880  | 1907.5 |          |
| 5M                            | QPSK      | 1               | 0  | 19.33  | 19.16 | 18.95  | 0        |
|                               |           | 1               | 12 | 19.26  | 19.29 | 18.96  | 0        |
|                               |           | 1               | 24 | 19.42  | 19.26 | 19.00  | 0        |
|                               |           | 12              | 0  | 19.30  | 19.31 | 18.88  | 0        |
|                               |           | 12              | 6  | 19.29  | 19.19 | 18.99  | 0        |
|                               |           | 12              | 13 | 19.35  | 19.13 | 18.88  | 0        |
|                               |           | 25              | 0  | 19.29  | 19.27 | 19.10  | 0        |
|                               | 16QAM     | 1               | 0  | 19.23  | 19.26 | 19.16  | 0        |
|                               |           | 1               | 12 | 19.26  | 19.32 | 19.15  | 0        |
|                               |           | 1               | 24 | 19.22  | 19.22 | 18.95  | 0        |
|                               |           | 12              | 0  | 19.33  | 19.29 | 19.04  | 0        |
|                               |           | 12              | 6  | 19.33  | 19.14 | 19.06  | 0        |
|                               |           | 12              | 13 | 19.28  | 19.18 | 18.99  | 0        |
|                               |           | 25              | 0  | 19.23  | 19.29 | 19.11  | 0        |

| LTE Conducted Power (Hotspot) |           |                 |    |        |       |        |          |
|-------------------------------|-----------|-----------------|----|--------|-------|--------|----------|
| LTE Band 2                    |           |                 |    |        |       |        |          |
| BW                            | MCS Index | Channel         |    | 18615  | 18900 | 19185  | 3GPP MPR |
|                               |           | Frequency (MHz) |    | 1851.5 | 1880  | 1908.5 |          |
| 3M                            | QPSK      | 1               | 0  | 19.43  | 19.31 | 19.09  | 0        |
|                               |           | 1               | 7  | 19.37  | 19.24 | 19.06  | 0        |
|                               |           | 1               | 14 | 19.36  | 19.23 | 19.11  | 0        |
|                               |           | 8               | 0  | 19.29  | 19.25 | 18.94  | 0        |
|                               |           | 8               | 3  | 19.21  | 19.14 | 19.08  | 0        |
|                               |           | 8               | 7  | 19.36  | 19.08 | 19.02  | 0        |
|                               |           | 15              | 0  | 19.42  | 19.16 | 19.02  | 0        |
|                               | 16QAM     | 1               | 0  | 19.42  | 19.17 | 19.08  | 0        |
|                               |           | 1               | 7  | 19.27  | 19.20 | 19.10  | 0        |
|                               |           | 1               | 14 | 19.29  | 19.21 | 18.98  | 0        |
|                               |           | 8               | 0  | 19.40  | 19.18 | 19.02  | 0        |
|                               |           | 8               | 3  | 19.38  | 19.17 | 19.06  | 0        |
|                               |           | 8               | 7  | 19.20  | 19.20 | 19.08  | 0        |
|                               |           | 15              | 0  | 19.28  | 19.19 | 19.09  | 0        |
| BW                            | MCS Index | Channel         |    | 18607  | 18900 | 19193  | 3GPP MPR |
|                               |           | Frequency (MHz) |    | 1850.7 | 1880  | 1909.3 |          |
| 1.4M                          | QPSK      | 1               | 0  | 19.45  | 19.25 | 19.08  | 0        |
|                               |           | 1               | 2  | 19.44  | 19.24 | 19.07  | 0        |
|                               |           | 1               | 5  | 19.30  | 19.26 | 19.14  | 0        |
|                               |           | 3               | 0  | 19.39  | 19.19 | 19.11  | 0        |
|                               |           | 3               | 1  | 19.22  | 19.20 | 19.07  | 0        |
|                               |           | 3               | 3  | 19.25  | 19.10 | 19.00  | 0        |
|                               |           | 6               | 0  | 19.31  | 19.08 | 19.13  | 0        |
|                               | 16QAM     | 1               | 0  | 19.32  | 19.14 | 19.17  | 0        |
|                               |           | 1               | 2  | 19.27  | 19.29 | 19.14  | 0        |
|                               |           | 1               | 5  | 19.33  | 19.24 | 18.89  | 0        |
|                               |           | 3               | 0  | 19.40  | 19.31 | 19.04  | 0        |
|                               |           | 3               | 1  | 19.31  | 19.26 | 19.03  | 0        |
|                               |           | 3               | 3  | 19.21  | 19.10 | 18.96  | 0        |
|                               |           | 6               | 0  | 19.38  | 19.24 | 19.14  | 0        |

| LTE Conducted Power (Hotspot) |           |                 |           |        |        |        |               |
|-------------------------------|-----------|-----------------|-----------|--------|--------|--------|---------------|
| LTE Band 4                    |           |                 |           |        |        |        |               |
| BW                            | MCS Index | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP MPR (dB) |
|                               |           | Channel         |           | 20050  | 20175  | 20300  |               |
|                               |           | Frequency (MHz) |           | 1720   | 1732.5 | 1745   |               |
| 20M                           | QPSK      | 1               | 0         | 19.40  | 19.38  | 19.37  | 0             |
|                               |           | 1               | 50        | 19.38  | 19.36  | 19.35  | 0             |
|                               |           | 1               | 99        | 19.37  | 19.35  | 19.34  | 0             |
|                               |           | 50              | 0         | 19.38  | 19.36  | 19.35  | 0             |
|                               |           | 50              | 25        | 19.36  | 19.34  | 19.33  | 0             |
|                               |           | 50              | 50        | 19.33  | 19.31  | 19.30  | 0             |
|                               |           | 100             | 0         | 19.35  | 19.33  | 19.32  | 0             |
|                               | 16QAM     | 1               | 0         | 19.37  | 19.35  | 19.34  | 0             |
|                               |           | 1               | 50        | 19.34  | 19.32  | 19.31  | 0             |
|                               |           | 1               | 99        | 19.33  | 19.31  | 19.30  | 0             |
|                               |           | 50              | 0         | 19.39  | 19.37  | 19.36  | 0             |
|                               |           | 50              | 25        | 19.36  | 19.34  | 19.33  | 0             |
|                               |           | 50              | 50        | 19.33  | 19.31  | 19.30  | 0             |
|                               |           | 100             | 0         | 19.34  | 19.32  | 19.31  | 0             |
| BW                            | MCS Index | Channel         |           | 20025  | 20175  | 20325  | 3GPP MPR      |
|                               |           | Frequency (MHz) |           | 1717.5 | 1732.5 | 1747.5 |               |
| 15M                           | QPSK      | 1               | 0         | 19.36  | 19.28  | 19.34  | 0             |
|                               |           | 1               | 37        | 19.37  | 19.36  | 19.34  | 0             |
|                               |           | 1               | 74        | 19.33  | 19.35  | 19.31  | 0             |
|                               |           | 36              | 0         | 19.32  | 19.30  | 19.31  | 0             |
|                               |           | 36              | 19        | 19.35  | 19.34  | 19.30  | 0             |
|                               |           | 36              | 39        | 19.25  | 19.22  | 19.22  | 0             |
|                               |           | 75              | 0         | 19.27  | 19.23  | 19.31  | 0             |
|                               | 16QAM     | 1               | 0         | 19.29  | 19.32  | 19.24  | 0             |
|                               |           | 1               | 37        | 19.30  | 19.25  | 19.28  | 0             |
|                               |           | 1               | 74        | 19.27  | 19.21  | 19.27  | 0             |
|                               |           | 36              | 0         | 19.35  | 19.27  | 19.33  | 0             |
|                               |           | 36              | 19        | 19.31  | 19.28  | 19.24  | 0             |
|                               |           | 36              | 39        | 19.23  | 19.23  | 19.23  | 0             |
|                               |           | 75              | 0         | 19.32  | 19.29  | 19.25  | 0             |

| LTE Conducted Power (Hotspot) |           |                 |    |        |        |        |          |
|-------------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 4                    |           |                 |    |        |        |        |          |
| BW                            | MCS Index | Channel         |    | 20000  | 20175  | 20350  | 3GPP MPR |
|                               |           | Frequency (MHz) |    | 1715   | 1732.5 | 1750   |          |
| 10M                           | QPSK      | 1               | 0  | 19.29  | 19.21  | 19.25  | 0        |
|                               |           | 1               | 24 | 19.21  | 19.27  | 19.30  | 0        |
|                               |           | 1               | 49 | 19.20  | 19.22  | 19.23  | 0        |
|                               |           | 25              | 0  | 19.23  | 19.33  | 19.17  | 0        |
|                               |           | 25              | 12 | 19.19  | 19.19  | 19.12  | 0        |
|                               |           | 25              | 25 | 19.27  | 19.14  | 19.21  | 0        |
|                               |           | 50              | 0  | 19.29  | 19.28  | 19.18  | 0        |
|                               | 16QAM     | 1               | 0  | 19.34  | 19.15  | 19.22  | 0        |
|                               |           | 1               | 24 | 19.26  | 19.17  | 19.16  | 0        |
|                               |           | 1               | 49 | 19.27  | 19.27  | 19.19  | 0        |
|                               |           | 25              | 0  | 19.28  | 19.14  | 19.19  | 0        |
|                               |           | 25              | 12 | 19.24  | 19.27  | 19.22  | 0        |
|                               |           | 25              | 25 | 19.25  | 19.20  | 19.29  | 0        |
|                               |           | 50              | 0  | 19.17  | 19.24  | 19.28  | 0        |
| BW                            | MCS Index | Channel         |    | 19975  | 20175  | 20375  | 3GPP MPR |
|                               |           | Frequency (MHz) |    | 1712.5 | 1732.5 | 1752.5 |          |
| 5M                            | QPSK      | 1               | 0  | 19.30  | 19.30  | 19.15  | 0        |
|                               |           | 1               | 12 | 19.19  | 19.15  | 19.20  | 0        |
|                               |           | 1               | 24 | 19.25  | 19.35  | 19.13  | 0        |
|                               |           | 12              | 0  | 19.30  | 19.23  | 19.09  | 0        |
|                               |           | 12              | 6  | 19.21  | 19.19  | 19.15  | 0        |
|                               |           | 12              | 13 | 19.32  | 19.15  | 19.23  | 0        |
|                               |           | 25              | 0  | 19.27  | 19.16  | 19.20  | 0        |
|                               | 16QAM     | 1               | 0  | 19.27  | 19.15  | 19.26  | 0        |
|                               |           | 1               | 12 | 19.18  | 19.12  | 19.17  | 0        |
|                               |           | 1               | 24 | 19.16  | 19.10  | 19.08  | 0        |
|                               |           | 12              | 0  | 19.30  | 19.18  | 19.30  | 0        |
|                               |           | 12              | 6  | 19.15  | 19.12  | 19.20  | 0        |
|                               |           | 12              | 13 | 19.20  | 19.23  | 19.22  | 0        |
|                               |           | 25              | 0  | 19.18  | 19.31  | 19.28  | 0        |

| LTE Conducted Power (Hotspot) |           |                 |    |        |        |        |          |
|-------------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 4                    |           |                 |    |        |        |        |          |
| BW                            | MCS Index | Channel         |    | 19965  | 20175  | 20385  | 3GPP MPR |
|                               |           | Frequency (MHz) |    | 1711.5 | 1732.5 | 1753.5 |          |
| 3M                            | QPSK      | 1               | 0  | 19.33  | 19.23  | 19.25  | 0        |
|                               |           | 1               | 7  | 19.23  | 19.20  | 19.24  | 0        |
|                               |           | 1               | 14 | 19.26  | 19.31  | 19.11  | 0        |
|                               |           | 8               | 0  | 19.20  | 19.21  | 19.15  | 0        |
|                               |           | 8               | 3  | 19.24  | 19.24  | 19.26  | 0        |
|                               |           | 8               | 7  | 19.21  | 19.09  | 19.21  | 0        |
|                               |           | 15              | 0  | 19.18  | 19.20  | 19.12  | 0        |
|                               | 16QAM     | 1               | 0  | 19.30  | 19.19  | 19.24  | 0        |
|                               |           | 1               | 7  | 19.15  | 19.17  | 19.11  | 0        |
|                               |           | 1               | 14 | 19.21  | 19.12  | 19.12  | 0        |
|                               |           | 8               | 0  | 19.29  | 19.24  | 19.22  | 0        |
|                               |           | 8               | 3  | 19.26  | 19.14  | 19.30  | 0        |
|                               |           | 8               | 7  | 19.24  | 19.17  | 19.19  | 0        |
|                               |           | 15              | 0  | 19.25  | 19.23  | 19.24  | 0        |
| BW                            | MCS Index | Channel         |    | 19957  | 20175  | 20393  | 3GPP MPR |
|                               |           | Frequency (MHz) |    | 1710.7 | 1732.5 | 1754.3 |          |
| 1.4M                          | QPSK      | 1               | 0  | 19.22  | 19.18  | 19.27  | 0        |
|                               |           | 1               | 2  | 19.27  | 19.22  | 19.31  | 0        |
|                               |           | 1               | 5  | 19.22  | 19.26  | 19.22  | 0        |
|                               |           | 3               | 0  | 19.28  | 19.30  | 19.11  | 0        |
|                               |           | 3               | 1  | 19.30  | 19.21  | 19.15  | 0        |
|                               |           | 3               | 3  | 19.22  | 19.16  | 19.13  | 0        |
|                               |           | 6               | 0  | 19.30  | 19.20  | 19.22  | 0        |
|                               | 16QAM     | 1               | 0  | 19.27  | 19.20  | 19.22  | 0        |
|                               |           | 1               | 2  | 19.21  | 19.16  | 19.16  | 0        |
|                               |           | 1               | 5  | 19.24  | 19.21  | 19.22  | 0        |
|                               |           | 3               | 0  | 19.24  | 19.16  | 19.33  | 0        |
|                               |           | 3               | 1  | 19.22  | 19.23  | 19.21  | 0        |
|                               |           | 3               | 3  | 19.23  | 19.20  | 19.25  | 0        |
|                               |           | 6               | 0  | 19.20  | 19.28  | 19.08  | 0        |

| LTE Conducted Power (Hotspot) |           |                 |           |        |       |        |               |
|-------------------------------|-----------|-----------------|-----------|--------|-------|--------|---------------|
| LTE Band 7                    |           |                 |           |        |       |        |               |
| BW                            | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   | 3GPP MPR (dB) |
|                               |           | Channel         |           | 20850  | 21100 | 21350  |               |
|                               |           | Frequency (MHz) |           | 2510   | 2535  | 2560   |               |
| 20M                           | QPSK      | 1               | 0         | 21.48  | 21.49 | 21.31  | 0             |
|                               |           | 1               | 50        | 21.46  | 21.47 | 21.29  | 0             |
|                               |           | 1               | 99        | 21.45  | 21.46 | 21.28  | 0             |
|                               |           | 50              | 0         | 21.44  | 21.45 | 21.27  | 0             |
|                               |           | 50              | 25        | 21.41  | 21.42 | 21.24  | 0             |
|                               |           | 50              | 50        | 21.38  | 21.39 | 21.21  | 0             |
|                               |           | 100             | 0         | 21.42  | 21.43 | 21.25  | 0             |
|                               | 16QAM     | 1               | 0         | 21.44  | 21.45 | 21.27  | 0             |
|                               |           | 1               | 50        | 21.42  | 21.43 | 21.25  | 0             |
|                               |           | 1               | 99        | 21.41  | 21.42 | 21.24  | 0             |
|                               |           | 50              | 0         | 20.49  | 20.50 | 20.32  | 1             |
|                               |           | 50              | 25        | 20.46  | 20.47 | 20.29  | 1             |
|                               |           | 50              | 50        | 20.42  | 20.43 | 20.25  | 1             |
|                               |           | 100             | 0         | 20.43  | 20.44 | 20.26  | 1             |
| BW                            | MCS Index | Channel         |           | 20825  | 21100 | 21375  | 3GPP MPR      |
|                               |           | Frequency (MHz) |           | 2507.5 | 2535  | 2562.5 |               |
| 15M                           | QPSK      | 1               | 0         | 21.45  | 21.48 | 21.24  | 0             |
|                               |           | 1               | 37        | 21.36  | 21.45 | 21.29  | 0             |
|                               |           | 1               | 74        | 21.44  | 21.39 | 21.26  | 0             |
|                               |           | 36              | 0         | 21.37  | 21.36 | 21.19  | 0             |
|                               |           | 36              | 19        | 21.32  | 21.36 | 21.17  | 0             |
|                               |           | 36              | 39        | 21.29  | 21.31 | 21.20  | 0             |
|                               |           | 75              | 0         | 21.35  | 21.37 | 21.20  | 0             |
|                               | 16QAM     | 1               | 0         | 21.34  | 21.39 | 21.21  | 0             |
|                               |           | 1               | 37        | 21.34  | 21.43 | 21.20  | 0             |
|                               |           | 1               | 74        | 21.32  | 21.36 | 21.17  | 0             |
|                               |           | 36              | 0         | 20.43  | 20.45 | 20.23  | 1             |
|                               |           | 36              | 19        | 20.40  | 20.37 | 20.26  | 1             |
|                               |           | 36              | 39        | 20.33  | 20.41 | 20.20  | 1             |
|                               |           | 75              | 0         | 20.42  | 20.42 | 20.19  | 1             |

| LTE Conducted Power (Hotspot) |           |                 |    |        |       |        |          |
|-------------------------------|-----------|-----------------|----|--------|-------|--------|----------|
| LTE Band 7                    |           |                 |    |        |       |        |          |
| BW                            | MCS Index | Channel         |    | 20800  | 21100 | 21400  | 3GPP MPR |
|                               |           | Frequency (MHz) |    | 2505   | 2535  | 2565   |          |
| 10M                           | QPSK      | 1               | 0  | 21.30  | 21.42 | 21.11  | 0        |
|                               |           | 1               | 24 | 21.27  | 21.42 | 21.10  | 0        |
|                               |           | 1               | 49 | 21.43  | 21.27 | 21.21  | 0        |
|                               |           | 25              | 0  | 21.26  | 21.27 | 21.21  | 0        |
|                               |           | 25              | 12 | 21.39  | 21.27 | 21.17  | 0        |
|                               |           | 25              | 25 | 21.20  | 21.31 | 20.99  | 0        |
|                               |           | 50              | 0  | 21.29  | 21.33 | 21.07  | 0        |
|                               | 16QAM     | 1               | 0  | 21.26  | 21.31 | 21.06  | 0        |
|                               |           | 1               | 24 | 21.32  | 21.41 | 21.07  | 0        |
|                               |           | 1               | 49 | 21.27  | 21.33 | 21.11  | 0        |
|                               |           | 25              | 0  | 20.36  | 20.37 | 20.27  | 1        |
|                               |           | 25              | 12 | 20.44  | 20.38 | 20.19  | 1        |
|                               |           | 25              | 25 | 20.41  | 20.39 | 20.18  | 1        |
|                               |           | 50              | 0  | 20.31  | 20.33 | 20.05  | 1        |
| BW                            | MCS Index | Channel         |    | 20775  | 21100 | 21425  | 3GPP MPR |
|                               |           | Frequency (MHz) |    | 2502.5 | 2535  | 2567.5 |          |
| 5M                            | QPSK      | 1               | 0  | 21.29  | 21.41 | 21.09  | 0        |
|                               |           | 1               | 12 | 21.27  | 21.28 | 21.02  | 0        |
|                               |           | 1               | 24 | 21.40  | 21.28 | 21.05  | 0        |
|                               |           | 12              | 0  | 21.29  | 21.23 | 21.03  | 0        |
|                               |           | 12              | 6  | 21.31  | 21.37 | 20.99  | 0        |
|                               |           | 12              | 13 | 21.21  | 21.20 | 21.02  | 0        |
|                               |           | 25              | 0  | 21.32  | 21.28 | 20.96  | 0        |
|                               | 16QAM     | 1               | 0  | 21.30  | 21.30 | 21.05  | 0        |
|                               |           | 1               | 12 | 21.30  | 21.27 | 21.10  | 0        |
|                               |           | 1               | 24 | 21.37  | 21.24 | 21.24  | 0        |
|                               |           | 12              | 0  | 20.44  | 20.45 | 20.24  | 1        |
|                               |           | 12              | 6  | 20.38  | 20.32 | 20.07  | 1        |
|                               |           | 12              | 13 | 20.32  | 20.41 | 20.10  | 1        |
|                               |           | 25              | 0  | 20.27  | 20.37 | 20.13  | 1        |

LTE Conducted Power (Hotspot)

LTE Band 41

| BW  | MCS Index | RB Size         | RB Offset | Low    | Low    | Mid    | Mid   | Mid    | High   | 3GPP MPR (dB) |
|-----|-----------|-----------------|-----------|--------|--------|--------|-------|--------|--------|---------------|
|     |           | Channel         |           | 39790  | 39750  | 40185  | 40620 | 41055  | 41490  |               |
|     |           | Frequency (MHz) |           | 2510   | 2506   | 2549.5 | 2593  | 2636.5 | 2680   |               |
| 20M | QPSK      | 1               | 0         |        | 21.36  | 21.43  | 21.47 | 21.48  | 21.49  | 0             |
|     |           | 1               | 50        |        | 21.34  | 21.41  | 21.45 | 21.46  | 21.47  | 0             |
|     |           | 1               | 99        |        | 21.32  | 21.39  | 21.43 | 21.44  | 21.45  | 0             |
|     |           | 50              | 0         |        | 21.35  | 21.42  | 21.46 | 21.47  | 21.48  | 0             |
|     |           | 50              | 25        |        | 21.32  | 21.39  | 21.43 | 21.44  | 21.45  | 0             |
|     |           | 50              | 50        |        | 21.30  | 21.37  | 21.41 | 21.42  | 21.43  | 0             |
|     |           | 100             | 0         |        | 21.33  | 21.40  | 21.44 | 21.45  | 21.46  | 0             |
|     | 16QAM     | 1               | 0         |        | 21.32  | 21.39  | 21.43 | 21.44  | 21.45  | 0             |
|     |           | 1               | 50        |        | 21.30  | 21.37  | 21.41 | 21.42  | 21.43  | 0             |
|     |           | 1               | 99        |        | 21.27  | 21.34  | 21.38 | 21.39  | 21.40  | 0             |
|     |           | 50              | 0         |        | 20.37  | 20.44  | 20.48 | 20.49  | 20.50  | 1             |
|     |           | 50              | 25        |        | 20.35  | 20.42  | 20.46 | 20.47  | 20.48  | 1             |
|     |           | 50              | 50        |        | 20.31  | 20.38  | 20.42 | 20.43  | 20.44  | 1             |
|     |           | 100             | 0         |        | 20.32  | 20.39  | 20.43 | 20.44  | 20.45  | 1             |
| BW  | MCS Index | Channel         |           | 39765  | 39725  | 40173  | 40620 | 41068  | 41515  | 3GPP MPR      |
|     |           | Frequency (MHz) |           | 2507.5 | 2503.5 | 2548.3 | 2593  | 2637.8 | 2682.5 |               |
| 15M | QPSK      | 1               | 0         |        | 21.36  | 21.41  | 21.44 | 21.40  | 21.46  | 0             |
|     |           | 1               | 37        |        | 21.30  | 21.40  | 21.45 | 21.39  | 21.46  | 0             |
|     |           | 1               | 74        |        | 21.27  | 21.39  | 21.37 | 21.36  | 21.37  | 0             |
|     |           | 36              | 0         |        | 21.29  | 21.39  | 21.41 | 21.42  | 21.43  | 0             |
|     |           | 36              | 19        |        | 21.23  | 21.36  | 21.39 | 21.44  | 21.35  | 0             |
|     |           | 36              | 39        |        | 21.27  | 21.28  | 21.33 | 21.41  | 21.39  | 0             |
|     |           | 75              | 0         |        | 21.32  | 21.40  | 21.39 | 21.39  | 21.44  | 0             |
|     | 16QAM     | 1               | 0         |        | 21.35  | 21.35  | 21.40 | 21.47  | 21.41  | 0             |
|     |           | 1               | 37        |        | 21.34  | 21.34  | 21.42 | 21.37  | 21.47  | 0             |
|     |           | 1               | 74        |        | 21.27  | 21.30  | 21.39 | 21.37  | 21.38  | 0             |
|     |           | 36              | 0         |        | 20.32  | 20.37  | 20.44 | 20.47  | 20.39  | 1             |
|     |           | 36              | 19        |        | 20.31  | 20.39  | 20.34 | 20.35  | 20.44  | 1             |
|     |           | 36              | 39        |        | 20.25  | 20.35  | 20.31 | 20.40  | 20.34  | 1             |
|     |           | 75              | 0         |        | 20.32  | 20.31  | 20.44 | 20.42  | 20.44  | 1             |



LTE Conducted Power (Hotspot)

LTE Band 41

| BW  | MCS Index | Channel         |    | 39740  | 39700  | 40160  | 40620 | 41080  | 41540  | 3GPP MPR |
|-----|-----------|-----------------|----|--------|--------|--------|-------|--------|--------|----------|
|     |           | Frequency (MHz) |    | 2505   | 2501   | 2547   | 2593  | 2639   | 2685   |          |
| 10M | QPSK      | 1               | 0  |        | 21.29  | 21.37  | 21.41 | 21.36  | 21.32  | 0        |
|     |           | 1               | 24 |        | 21.29  | 21.36  | 21.32 | 21.29  | 21.31  | 0        |
|     |           | 1               | 49 |        | 21.30  | 21.31  | 21.30 | 21.34  | 21.36  | 0        |
|     |           | 25              | 0  |        | 21.23  | 21.36  | 21.38 | 21.36  | 21.38  | 0        |
|     |           | 25              | 12 |        | 21.22  | 21.37  | 21.35 | 21.40  | 21.33  | 0        |
|     |           | 25              | 25 |        | 21.22  | 21.27  | 21.29 | 21.32  | 21.37  | 0        |
|     |           | 50              | 0  |        | 21.24  | 21.28  | 21.36 | 21.40  | 21.37  | 0        |
|     | 16QAM     | 1               | 0  |        | 21.33  | 21.34  | 21.42 | 21.39  | 21.35  | 0        |
|     |           | 1               | 24 |        | 21.31  | 21.39  | 21.32 | 21.30  | 21.27  | 0        |
|     |           | 1               | 49 |        | 21.23  | 21.30  | 21.29 | 21.26  | 21.27  | 0        |
|     |           | 25              | 0  |        | 20.23  | 20.30  | 20.40 | 20.38  | 20.39  | 1        |
|     |           | 25              | 12 |        | 20.20  | 20.34  | 20.40 | 20.43  | 20.32  | 1        |
|     |           | 25              | 25 |        | 20.19  | 20.34  | 20.28 | 20.40  | 20.30  | 1        |
|     |           | 50              | 0  |        | 20.32  | 20.30  | 20.31 | 20.33  | 20.34  | 1        |
| BW  | MCS Index | Channel         |    | 39715  | 39675  | 40148  | 40620 | 41093  | 41565  | 3GPP MPR |
|     |           | Frequency (MHz) |    | 2502.5 | 2498.5 | 2545.8 | 2593  | 2640.3 | 2687.5 |          |
| 5M  | QPSK      | 1               | 0  |        | 21.24  | 21.29  | 21.36 | 21.43  | 21.29  | 0        |
|     |           | 1               | 12 |        | 21.25  | 21.25  | 21.37 | 21.34  | 21.29  | 0        |
|     |           | 1               | 24 |        | 21.17  | 21.25  | 21.25 | 21.33  | 21.39  | 0        |
|     |           | 12              | 0  |        | 21.29  | 21.34  | 21.40 | 21.44  | 21.37  | 0        |
|     |           | 12              | 6  |        | 21.26  | 21.30  | 21.35 | 21.33  | 21.34  | 0        |
|     |           | 12              | 13 |        | 21.19  | 21.20  | 21.33 | 21.34  | 21.27  | 0        |
|     |           | 25              | 0  |        | 21.28  | 21.34  | 21.32 | 21.33  | 21.39  | 0        |
|     | 16QAM     | 1               | 0  |        | 21.21  | 21.36  | 21.40 | 21.35  | 21.35  | 0        |
|     |           | 1               | 12 |        | 21.28  | 21.27  | 21.38 | 21.38  | 21.30  | 0        |
|     |           | 1               | 24 |        | 21.25  | 21.28  | 21.31 | 21.34  | 21.34  | 0        |
|     |           | 12              | 0  |        | 20.30  | 20.38  | 20.41 | 20.46  | 20.41  | 1        |
|     |           | 12              | 6  |        | 20.27  | 20.22  | 20.35 | 20.37  | 20.39  | 1        |
|     |           | 12              | 13 |        | 20.25  | 20.26  | 20.35 | 20.37  | 20.27  | 1        |
|     |           | 25              | 0  |        | 20.19  | 20.34  | 20.28 | 20.37  | 20.33  | 1        |

| WLAN Conducted Power |         |           |            |
|----------------------|---------|-----------|------------|
| WLAN2.4GHz Ant 0     |         |           |            |
| Mode                 | Channel | Frequency | Avg. Power |
| 802.11b              | 1       | 2412      | 17.98      |
|                      | 6       | 2437      | 17.70      |
|                      | 11      | 2462      | 17.91      |

| Bluetooth Ant 0 |         |           |            |
|-----------------|---------|-----------|------------|
| Mode            | Channel | Frequency | Avg. Power |
| BR / EDR        | 0       | 2402      | 10.75      |
|                 | 39      | 2441      | 11.15      |
|                 | 78      | 2480      | 10.08      |
| LE              | 0       | 2402      | 0.15       |
|                 | 19      | 2440      | 0.61       |
|                 | 39      | 2480      | 0.35       |

| WLAN 5.2GHz Ant 0 |         |           |            |
|-------------------|---------|-----------|------------|
| Mode              | Channel | Frequency | Avg. Power |
| 802.11ac VHT80    | 42      | 5210      | 18.80      |

| WLAN 5.3GHz Ant 0 |         |           |            |
|-------------------|---------|-----------|------------|
| Mode              | Channel | Frequency | Avg. Power |
| 802.11ac VHT80    | 58      | 5290      | 18.82      |

| WLAN 5.6GHz Ant 0 |         |           |            |
|-------------------|---------|-----------|------------|
| Mode              | Channel | Frequency | Avg. Power |
| 802.11ac VHT80    | 106     | 5530      | 18.80      |
|                   | 122     | 5610      | 18.78      |

| WLAN 5.8GHz Ant 0 |         |           |            |
|-------------------|---------|-----------|------------|
| Mode              | Channel | Frequency | Avg. Power |
| 802.11ac VHT80    | 155     | 5775      | 18.76      |

### Appendix G. Analysis of Simultaneous Transmission SAR.

The analysis of simultaneous transmission SAR are shown as below.

| Simultaneous Transmission SAR Evaluation |              |               |             |                 |                   |                   |                   |                   |               |             |                            |                            |                            |
|--|--------------|---------------|-------------|-----------------|-------------------|-------------------|-------------------|-------------------|---------------|-------------|----------------------------|----------------------------|----------------------------|
| Band                                     | Position     | WWAN Gap (mm) | A           | B               | 8                 | 8                 | 8                 | 8                 | C             | 11          | A+B                        | A+C                        | A+11                       |
|  |              |               | Max WWAN    | Max WLAN 2.4GHz | WLAN 5.2GHz Ant 0 | WLAN 5.3GHz Ant 0 | WLAN 5.6GHz Ant 0 | WLAN 5.8GHz Ant 0 | Max WLAN 5GHz | BT Ant 0    | Summimg result 1g SAR W/kg | Summimg result 1g SAR W/kg | Summimg result 1g SAR W/kg |
|  |              |               | 1g SAR W/kg | 1g SAR W/kg     | 1g SAR W/kg       | 1g SAR W/kg       | 1g SAR W/kg       | 1g SAR W/kg       | 1g SAR W/kg   | 1g SAR W/kg | 1g SAR W/kg                | 1g SAR W/kg                | 1g SAR W/kg                |
| GSM850                                   | Right Cheek  | -             | 0.38        | 0.13            | -                 | 0.32              | 0.27              | 0.49              | 0.49          | 0.00        | 0.51                       | 0.87                       | 0.38                       |
|  | Right Tilted |               | 0.24        | 0.08            |                   | 0.13              | 0.17              | 0.34              | 0.34          | 0.00        | 0.32                       | 0.58                       | 0.24                       |
|  | Left Cheek   |               | 0.28        | 0.59            |                   | 0.57              | 0.60              | 0.91              | 0.91          | 0.07        | 0.87                       | 1.19                       | 0.35                       |
|  | Left Tilted  |               | 0.23        | 0.25            |                   | 0.35              | 0.30              | 0.65              | 0.65          | 0.00        | 0.48                       | 0.88                       | 0.23                       |
| GSM1900                                  | Right Cheek  | -             | 0.46        | 0.13            | -                 | 0.32              | 0.27              | 0.49              | 0.49          | 0.00        | 0.59                       | 0.95                       | 0.46                       |
|  | Right Tilted |               | 0.24        | 0.08            |                   | 0.13              | 0.17              | 0.34              | 0.34          | 0.00        | 0.32                       | 0.58                       | 0.24                       |
|  | Left Cheek   |               | 0.97        | 0.59            |                   | 0.57              | 0.60              | 0.91              | 0.91          | 0.07        | 1.56                       | 1.88                       | 1.04                       |
|  | Left Tilted  |               | 0.27        | 0.25            |                   | 0.35              | 0.30              | 0.65              | 0.65          | 0.00        | 0.52                       | 0.92                       | 0.27                       |
| WCDMA II                                 | Right Cheek  | -             | 0.51        | 0.13            | -                 | 0.32              | 0.27              | 0.49              | 0.49          | 0.00        | 0.64                       | 1.00                       | 0.51                       |
|  | Right Tilted |               | 0.31        | 0.08            |                   | 0.13              | 0.17              | 0.34              | 0.34          | 0.00        | 0.39                       | 0.65                       | 0.31                       |
|  | Left Cheek   |               | 1.18        | 0.59            |                   | 0.57              | 0.60              | 0.91              | 0.91          | 0.07        | 1.77                       | 2.09                       | 1.25                       |
|  | Left Tilted  |               | 0.33        | 0.25            |                   | 0.35              | 0.30              | 0.65              | 0.65          | 0.00        | 0.58                       | 0.98                       | 0.33                       |
| WCDMA IV                                 | Right Cheek  | -             | 0.35        | 0.13            | -                 | 0.32              | 0.27              | 0.49              | 0.49          | 0.00        | 0.48                       | 0.84                       | 0.35                       |
|  | Right Tilted |               | 0.26        | 0.08            |                   | 0.13              | 0.17              | 0.34              | 0.34          | 0.00        | 0.34                       | 0.60                       | 0.26                       |
|  | Left Cheek   |               | 0.96        | 0.59            |                   | 0.57              | 0.60              | 0.91              | 0.91          | 0.07        | 1.55                       | 1.87                       | 1.03                       |
|  | Left Tilted  |               | 0.25        | 0.25            |                   | 0.35              | 0.30              | 0.65              | 0.65          | 0.00        | 0.50                       | 0.90                       | 0.25                       |
| WCDMA V                                  | Right Cheek  | -             | 0.52        | 0.13            | -                 | 0.32              | 0.27              | 0.49              | 0.49          | 0.00        | 0.65                       | 1.01                       | 0.52                       |
|  | Right Tilted |               | 0.32        | 0.08            |                   | 0.13              | 0.17              | 0.34              | 0.34          | 0.00        | 0.40                       | 0.66                       | 0.32                       |
|  | Left Cheek   |               | 0.40        | 0.59            |                   | 0.57              | 0.60              | 0.91              | 0.91          | 0.07        | 0.99                       | 1.31                       | 0.47                       |
|  | Left Tilted  |               | 0.32        | 0.25            |                   | 0.35              | 0.30              | 0.65              | 0.65          | 0.00        | 0.57                       | 0.97                       | 0.32                       |
| LTE 2                                    | Right Cheek  | -             | 0.41        | 0.13            | -                 | 0.32              | 0.27              | 0.49              | 0.49          | 0.00        | 0.54                       | 0.90                       | 0.41                       |
|  | Right Tilted |               | 0.26        | 0.08            |                   | 0.13              | 0.17              | 0.34              | 0.34          | 0.00        | 0.34                       | 0.60                       | 0.26                       |
|  | Left Cheek   |               | 1.06        | 0.59            |                   | 0.57              | 0.60              | 0.91              | 0.91          | 0.07        | 1.65                       | 1.97                       | 1.13                       |
|  | Left Tilted  |               | 0.31        | 0.25            |                   | 0.35              | 0.30              | 0.65              | 0.65          | 0.00        | 0.56                       | 0.96                       | 0.31                       |
| LTE 4                                    | Right Cheek  | -             | 0.30        | 0.13            | -                 | 0.32              | 0.27              | 0.49              | 0.49          | 0.00        | 0.43                       | 0.79                       | 0.30                       |
|  | Right Tilted |               | 0.19        | 0.08            |                   | 0.13              | 0.17              | 0.34              | 0.34          | 0.00        | 0.27                       | 0.53                       | 0.19                       |
|  | Left Cheek   |               | 0.85        | 0.59            |                   | 0.57              | 0.60              | 0.91              | 0.91          | 0.07        | 1.44                       | 1.76                       | 0.92                       |
|  | Left Tilted  |               | 0.25        | 0.25            |                   | 0.35              | 0.30              | 0.65              | 0.65          | 0.00        | 0.50                       | 0.90                       | 0.25                       |
| LTE 5                                    | Right Cheek  | -             | 0.41        | 0.13            | -                 | 0.32              | 0.27              | 0.49              | 0.49          | 0.00        | 0.54                       | 0.90                       | 0.41                       |
|  | Right Tilted |               | 0.19        | 0.08            |                   | 0.13              | 0.17              | 0.34              | 0.34          | 0.00        | 0.27                       | 0.53                       | 0.19                       |
|  | Left Cheek   |               | 0.27        | 0.59            |                   | 0.57              | 0.60              | 0.91              | 0.91          | 0.07        | 0.86                       | 1.18                       | 0.34                       |
|  | Left Tilted  |               | 0.21        | 0.25            |                   | 0.35              | 0.30              | 0.65              | 0.65          | 0.00        | 0.46                       | 0.86                       | 0.21                       |
| LTE 7                                    | Right Cheek  | -             | 0.34        | 0.13            | -                 | 0.32              | 0.27              | 0.49              | 0.49          | 0.00        | 0.47                       | 0.83                       | 0.34                       |
|  | Right Tilted |               | 0.21        | 0.08            |                   | 0.13              | 0.17              | 0.34              | 0.34          | 0.00        | 0.29                       | 0.55                       | 0.21                       |
|  | Left Cheek   |               | 0.91        | 0.59            |                   | 0.57              | 0.60              | 0.91              | 0.91          | 0.07        | 1.50                       | 1.82                       | 0.98                       |
|  | Left Tilted  |               | 0.15        | 0.25            |                   | 0.35              | 0.30              | 0.65              | 0.65          | 0.00        | 0.40                       | 0.80                       | 0.15                       |
| LTE 17                                   | Right Cheek  | -             | 0.21        | 0.13            | -                 | 0.32              | 0.27              | 0.49              | 0.49          | 0.00        | 0.34                       | 0.70                       | 0.21                       |
|  | Right Tilted |               | 0.11        | 0.08            |                   | 0.13              | 0.17              | 0.34              | 0.34          | 0.00        | 0.19                       | 0.45                       | 0.11                       |
|  | Left Cheek   |               | 0.17        | 0.59            |                   | 0.57              | 0.60              | 0.91              | 0.91          | 0.07        | 0.76                       | 1.08                       | 0.24                       |
|  | Left Tilted  |               | 0.14        | 0.25            |                   | 0.35              | 0.30              | 0.65              | 0.65          | 0.00        | 0.39                       | 0.79                       | 0.14                       |
| LTE 26                                   | Right Cheek  | -             | 0.40        | 0.13            | -                 | 0.32              | 0.27              | 0.49              | 0.49          | 0.00        | 0.53                       | 0.89                       | 0.40                       |
|  | Right Tilted |               | 0.21        | 0.08            |                   | 0.13              | 0.17              | 0.34              | 0.34          | 0.00        | 0.29                       | 0.55                       | 0.21                       |
|  | Left Cheek   |               | 0.29        | 0.59            |                   | 0.57              | 0.60              | 0.91              | 0.91          | 0.07        | 0.88                       | 1.20                       | 0.36                       |
|  | Left Tilted  |               | 0.23        | 0.25            |                   | 0.35              | 0.30              | 0.65              | 0.65          | 0.00        | 0.48                       | 0.88                       | 0.23                       |
| LTE 38                                   | Right Cheek  | -             | 0.24        | 0.13            | -                 | 0.32              | 0.27              | 0.49              | 0.49          | 0.00        | 0.37                       | 0.73                       | 0.24                       |
|  | Right Tilted |               | 0.16        | 0.08            |                   | 0.13              | 0.17              | 0.34              | 0.34          | 0.00        | 0.24                       | 0.50                       | 0.16                       |
|  | Left Cheek   |               | 0.64        | 0.59            |                   | 0.57              | 0.60              | 0.91              | 0.91          | 0.07        | 1.23                       | 1.55                       | 0.71                       |
|  | Left Tilted  |               | 0.11        | 0.25            |                   | 0.35              | 0.30              | 0.65              | 0.65          | 0.00        | 0.36                       | 0.76                       | 0.11                       |
| LTE 41                                   | Right Cheek  | -             | 0.24        | 0.13            | -                 | 0.32              | 0.27              | 0.49              | 0.49          | 0.00        | 0.37                       | 0.73                       | 0.24                       |
|  | Right Tilted |               | 0.19        | 0.08            |                   | 0.13              | 0.17              | 0.34              | 0.34          | 0.00        | 0.27                       | 0.53                       | 0.19                       |
|  | Left Cheek   |               | 0.77        | 0.59            |                   | 0.57              | 0.60              | 0.91              | 0.91          | 0.07        | 1.36                       | 1.68                       | 0.84                       |
|  | Left Tilted  |               | 0.12        | 0.25            |                   | 0.35              | 0.30              | 0.65              | 0.65          | 0.00        | 0.37                       | 0.77                       | 0.12                       |

Simultaneous Transmission SAR Evaluation

| Band     | Position    | WWAN Gap (mm) | A           | B               | 8                 | 8                 | 8                 | 8                 | C             | 11          | A+B                        | A+C                        | A+11                       |      |
|----------|-------------|---------------|-------------|-----------------|-------------------|-------------------|-------------------|-------------------|---------------|-------------|----------------------------|----------------------------|----------------------------|------|
|          |             |               | Max WWAN    | Max WLAN 2.4GHz | WLAN 5.2GHz Ant 0 | WLAN 5.3GHz Ant 0 | WLAN 5.6GHz Ant 0 | WLAN 5.8GHz Ant 0 | Max WLAN 5GHz | BT Ant 0    | Summing result 1g SAR W/kg | Summing result 1g SAR W/kg | Summing result 1g SAR W/kg |      |
|          |             |               | 1g SAR W/kg | 1g SAR W/kg     | 1g SAR W/kg       | 1g SAR W/kg       | 1g SAR W/kg       | 1g SAR W/kg       | 1g SAR W/kg   | 1g SAR W/kg |                            |                            |                            |      |
| GSM850   | Front Face  | 10            | 0.30        | 0.13            | 0.24              |                   |                   |                   | 0.28          | 0.28        | 0.00                       | 0.43                       | 0.58                       | 0.30 |
|          | Rear Face   | 10            | 0.38        | 0.21            | 1.00              |                   |                   |                   | 0.77          | 1.00        | 0.00                       | 0.59                       | 1.38                       | 0.38 |
|          | Left Side   | 10            | 0.06        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.06                       | 0.06                       | 0.06 |
|          | Right Side  | 10            | 0.25        | 0.24            | 0.60              |                   |                   |                   | 0.60          | 0.60        | 0.00                       | 0.49                       | 0.85                       | 0.25 |
|          | Top Side    | 10            | 0.00        | 0.07            | 0.29              |                   |                   |                   | 0.11          | 0.29        | 0.00                       | 0.07                       | 0.29                       | 0.00 |
|          | Bottom Side | 10            | 0.11        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.11                       | 0.11                       | 0.11 |
|          | Front Face  | 15            | 0.29        | 0.07            |                   | 0.09              | 0.13              |                   | 0.20          | 0.20        | 0.00                       | 0.36                       | 0.49                       | 0.29 |
|          | Rear Face   | 15            | 0.37        | 0.13            |                   | 0.42              | 0.64              |                   | 0.50          | 0.64        | 0.00                       | 0.50                       | 1.01                       | 0.37 |
| GSM1900  | Front Face  | 10            | 0.62        | 0.13            | 0.24              |                   |                   |                   | 0.28          | 0.28        | 0.00                       | 0.75                       | 0.90                       | 0.62 |
|          | Rear Face   | 10            | 1.08        | 0.21            | 1.00              |                   |                   |                   | 0.77          | 1.00        | 0.00                       | 1.29                       | 2.08                       | 1.08 |
|          | Left Side   | 10            | 0.44        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.44                       | 0.44                       | 0.44 |
|          | Right Side  | 10            | 0.07        | 0.24            | 0.60              |                   |                   |                   | 0.60          | 0.60        | 0.00                       | 0.31                       | 0.67                       | 0.07 |
|          | Top Side    | 10            | 0.00        | 0.07            | 0.29              |                   |                   |                   | 0.11          | 0.29        | 0.00                       | 0.07                       | 0.29                       | 0.00 |
|          | Bottom Side | 10            | 0.23        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.23                       | 0.23                       | 0.23 |
|          | Front Face  | 15            | 0.39        | 0.07            |                   | 0.09              | 0.13              |                   | 0.20          | 0.20        | 0.00                       | 0.46                       | 0.59                       | 0.39 |
|          | Rear Face   | 15            | 1.16        | 0.13            |                   | 0.42              | 0.64              |                   | 0.50          | 0.64        | 0.00                       | 1.29                       | 1.80                       | 1.16 |
| WCDMA II | Front Face  | 10            | 0.83        | 0.13            | 0.24              |                   |                   |                   | 0.28          | 0.28        | 0.00                       | 0.96                       | 1.11                       | 0.83 |
|          | Rear Face   | 10            | 1.09        | 0.21            | 1.00              |                   |                   |                   | 0.77          | 1.00        | 0.00                       | 1.30                       | 2.09                       | 1.09 |
|          | Left Side   | 10            | 0.84        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.84                       | 0.84                       | 0.84 |
|          | Right Side  | 10            | 0.14        | 0.24            | 0.60              |                   |                   |                   | 0.60          | 0.60        | 0.00                       | 0.38                       | 0.74                       | 0.14 |
|          | Top Side    | 10            | 0.00        | 0.07            | 0.29              |                   |                   |                   | 0.11          | 0.29        | 0.00                       | 0.07                       | 0.29                       | 0.00 |
|          | Bottom Side | 10            | 0.42        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.42                       | 0.42                       | 0.42 |
|          | Front Face  | 15            | 0.43        | 0.07            |                   | 0.09              | 0.13              |                   | 0.20          | 0.20        | 0.00                       | 0.50                       | 0.63                       | 0.43 |
|          | Rear Face   | 15            | 1.18        | 0.13            |                   | 0.42              | 0.64              |                   | 0.50          | 0.64        | 0.00                       | 1.31                       | 1.82                       | 1.18 |
| WCDMA IV | Front Face  | 10            | 0.30        | 0.13            | 0.24              |                   |                   |                   | 0.28          | 0.28        | 0.00                       | 0.43                       | 0.58                       | 0.30 |
|          | Rear Face   | 10            | 1.15        | 0.21            | 1.00              |                   |                   |                   | 0.77          | 1.00        | 0.00                       | 1.36                       | 2.15                       | 1.15 |
|          | Left Side   | 10            | 0.29        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.29                       | 0.29                       | 0.29 |
|          | Right Side  | 10            | 0.12        | 0.24            | 0.60              |                   |                   |                   | 0.60          | 0.60        | 0.00                       | 0.36                       | 0.72                       | 0.12 |
|          | Top Side    | 10            | 0.00        | 0.07            | 0.29              |                   |                   |                   | 0.11          | 0.29        | 0.00                       | 0.07                       | 0.29                       | 0.00 |
|          | Bottom Side | 10            | 0.46        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.46                       | 0.46                       | 0.46 |
|          | Front Face  | 15            | 0.27        | 0.07            |                   | 0.09              | 0.13              |                   | 0.20          | 0.20        | 0.00                       | 0.34                       | 0.47                       | 0.27 |
|          | Rear Face   | 15            | 1.17        | 0.13            |                   | 0.42              | 0.64              |                   | 0.50          | 0.64        | 0.00                       | 1.30                       | 1.81                       | 1.17 |
| WCDMA V  | Front Face  | 10            | 0.50        | 0.13            | 0.24              |                   |                   |                   | 0.28          | 0.28        | 0.00                       | 0.63                       | 0.78                       | 0.50 |
|          | Rear Face   | 10            | 0.65        | 0.21            | 1.00              |                   |                   |                   | 0.77          | 1.00        | 0.00                       | 0.86                       | 1.65                       | 0.65 |
|          | Left Side   | 10            | 0.12        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.12                       | 0.12                       | 0.12 |
|          | Right Side  | 10            | 0.38        | 0.24            | 0.60              |                   |                   |                   | 0.60          | 0.60        | 0.00                       | 0.62                       | 0.98                       | 0.38 |
|          | Top Side    | 10            | 0.00        | 0.07            | 0.29              |                   |                   |                   | 0.11          | 0.29        | 0.00                       | 0.07                       | 0.29                       | 0.00 |
|          | Bottom Side | 10            | 0.19        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.19                       | 0.19                       | 0.19 |
|          | Front Face  | 15            | 0.41        | 0.07            |                   | 0.09              | 0.13              |                   | 0.20          | 0.20        | 0.00                       | 0.48                       | 0.61                       | 0.41 |
|          | Rear Face   | 15            | 0.46        | 0.13            |                   | 0.42              | 0.64              |                   | 0.50          | 0.64        | 0.00                       | 0.59                       | 1.10                       | 0.46 |
| LTE 2    | Front Face  | 10            | 0.79        | 0.13            | 0.24              |                   |                   |                   | 0.28          | 0.28        | 0.00                       | 0.92                       | 1.07                       | 0.79 |
|          | Rear Face   | 10            | 1.09        | 0.21            | 1.00              |                   |                   |                   | 0.77          | 1.00        | 0.00                       | 1.30                       | 2.09                       | 1.09 |
|          | Left Side   | 10            | 0.79        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.79                       | 0.79                       | 0.79 |
|          | Right Side  | 10            | 0.11        | 0.24            | 0.60              |                   |                   |                   | 0.60          | 0.60        | 0.00                       | 0.35                       | 0.71                       | 0.11 |
|          | Top Side    | 10            | 0.00        | 0.07            | 0.29              |                   |                   |                   | 0.11          | 0.29        | 0.00                       | 0.07                       | 0.29                       | 0.00 |
|          | Bottom Side | 10            | 0.47        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.47                       | 0.47                       | 0.47 |
|          | Front Face  | 15            | 0.40        | 0.07            |                   | 0.09              | 0.13              |                   | 0.20          | 0.20        | 0.00                       | 0.47                       | 0.60                       | 0.40 |
|          | Rear Face   | 15            | 1.10        | 0.13            |                   | 0.42              | 0.64              |                   | 0.50          | 0.64        | 0.00                       | 1.23                       | 1.74                       | 1.10 |
| LTE 4    | Front Face  | 10            | 0.29        | 0.13            | 0.24              |                   |                   |                   | 0.28          | 0.28        | 0.00                       | 0.42                       | 0.57                       | 0.29 |
|          | Rear Face   | 10            | 1.10        | 0.21            | 1.00              |                   |                   |                   | 0.77          | 1.00        | 0.00                       | 1.31                       | 2.10                       | 1.10 |
|          | Left Side   | 10            | 0.28        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.28                       | 0.28                       | 0.28 |
|          | Right Side  | 10            | 0.12        | 0.24            | 0.60              |                   |                   |                   | 0.60          | 0.60        | 0.00                       | 0.36                       | 0.72                       | 0.12 |
|          | Top Side    | 10            | 0.00        | 0.07            | 0.29              |                   |                   |                   | 0.11          | 0.29        | 0.00                       | 0.07                       | 0.29                       | 0.00 |
|          | Bottom Side | 10            | 0.43        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.43                       | 0.43                       | 0.43 |
|          | Front Face  | 15            | 0.28        | 0.07            |                   | 0.09              | 0.13              |                   | 0.20          | 0.20        | 0.00                       | 0.35                       | 0.48                       | 0.28 |
|          | Rear Face   | 15            | 1.12        | 0.13            |                   | 0.42              | 0.64              |                   | 0.50          | 0.64        | 0.00                       | 1.25                       | 1.76                       | 1.12 |
| LTE 5    | Front Face  | 10            | 0.35        | 0.13            | 0.24              |                   |                   |                   | 0.28          | 0.28        | 0.00                       | 0.48                       | 0.63                       | 0.35 |
|          | Rear Face   | 10            | 0.49        | 0.21            | 1.00              |                   |                   |                   | 0.77          | 1.00        | 0.00                       | 0.70                       | 1.49                       | 0.49 |
|          | Left Side   | 10            | 0.28        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.28                       | 0.28                       | 0.28 |
|          | Right Side  | 10            | 0.09        | 0.24            | 0.60              |                   |                   |                   | 0.60          | 0.60        | 0.00                       | 0.33                       | 0.69                       | 0.09 |
|          | Top Side    | 10            | 0.00        | 0.07            | 0.29              |                   |                   |                   | 0.11          | 0.29        | 0.00                       | 0.07                       | 0.29                       | 0.00 |
|          | Bottom Side | 10            | 0.13        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.13                       | 0.13                       | 0.13 |
|          | Front Face  | 15            | 0.27        | 0.07            |                   | 0.09              | 0.13              |                   | 0.20          | 0.20        | 0.00                       | 0.34                       | 0.47                       | 0.27 |
|          | Rear Face   | 15            | 0.33        | 0.13            |                   | 0.42              | 0.64              |                   | 0.50          | 0.64        | 0.00                       | 0.46                       | 0.97                       | 0.33 |
| LTE 7    | Front Face  | 10            | 0.51        | 0.13            | 0.24              |                   |                   |                   | 0.28          | 0.28        | 0.00                       | 0.64                       | 0.79                       | 0.51 |
|          | Rear Face   | 10            | 1.00        | 0.21            | 1.00              |                   |                   |                   | 0.77          | 1.00        | 0.00                       | 1.21                       | 2.00                       | 1.00 |
|          | Left Side   | 10            | 0.60        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.60                       | 0.60                       | 0.60 |
|          | Right Side  | 10            | 0.03        | 0.24            | 0.60              |                   |                   |                   | 0.60          | 0.60        | 0.00                       | 0.27                       | 0.63                       | 0.03 |
|          | Top Side    | 10            | 0.00        | 0.07            | 0.29              |                   |                   |                   | 0.11          | 0.29        | 0.00                       | 0.07                       | 0.29                       | 0.00 |
|          | Bottom Side | 10            | 0.87        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.87                       | 0.87                       | 0.87 |
|          | Front Face  | 15            | 0.40        | 0.07            |                   | 0.09              | 0.13              |                   | 0.20          | 0.20        | 0.00                       | 0.47                       | 0.60                       | 0.40 |
|          | Rear Face   | 15            | 0.57        | 0.13            |                   | 0.42              | 0.64              |                   | 0.50          | 0.64        | 0.00                       | 0.70                       | 1.21                       | 0.57 |

**Simultaneous Transmission SAR Evaluation**

| Band   | Position    | WWAN Gap (mm) | A           | B               | 8                 | 8                 | 8                 | 8                 | C             | 11          | A+B                        | A+C                        | A+11                       |      |
|--------|-------------|---------------|-------------|-----------------|-------------------|-------------------|-------------------|-------------------|---------------|-------------|----------------------------|----------------------------|----------------------------|------|
|        |             |               | Max WWAN    | Max WLAN 2.4GHz | WLAN 5.2GHz Ant 0 | WLAN 5.3GHz Ant 0 | WLAN 5.6GHz Ant 0 | WLAN 5.8GHz Ant 0 | Max WLAN 5GHz | BT Ant 0    | Summimg result 1g SAR W/kg | Summimg result 1g SAR W/kg | Summimg result 1g SAR W/kg |      |
|        |             |               | 1g SAR W/kg | 1g SAR W/kg     | 1g SAR W/kg       | 1g SAR W/kg       | 1g SAR W/kg       | 1g SAR W/kg       | 1g SAR W/kg   | 1g SAR W/kg |                            |                            |                            |      |
| LTE 17 | Front Face  | 10            | 0.17        | 0.13            | 0.24              |                   |                   |                   | 0.28          | 0.28        | 0.00                       | 0.30                       | 0.45                       | 0.17 |
|        | Rear Face   | 10            | 0.31        | 0.21            | 1.00              |                   |                   |                   | 0.77          | 1.00        | 0.00                       | 0.52                       | 1.31                       | 0.31 |
|        | Left Side   | 10            | 0.12        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.12                       | 0.12                       | 0.12 |
|        | Right Side  | 10            | 0.18        | 0.24            | 0.60              |                   |                   |                   | 0.60          | 0.60        | 0.00                       | 0.42                       | 0.78                       | 0.18 |
|        | Top Side    | 10            | 0.00        | 0.07            | 0.29              |                   |                   |                   | 0.11          | 0.29        | 0.00                       | 0.07                       | 0.29                       | 0.00 |
|        | Bottom Side | 10            | 0.05        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.05                       | 0.05                       | 0.05 |
|        | Front Face  | 15            | 0.18        | 0.07            |                   | 0.09              | 0.13              |                   | 0.20          | 0.20        | 0.00                       | 0.25                       | 0.38                       | 0.18 |
|        | Rear Face   | 15            | 0.23        | 0.13            |                   | 0.42              | 0.64              |                   | 0.50          | 0.64        | 0.00                       | 0.36                       | 0.87                       | 0.23 |
| LTE 26 | Front Face  | 10            | 0.37        | 0.13            | 0.24              |                   |                   |                   | 0.28          | 0.28        | 0.00                       | 0.50                       | 0.65                       | 0.37 |
|        | Rear Face   | 10            | 0.52        | 0.21            | 1.00              |                   |                   |                   | 0.77          | 1.00        | 0.00                       | 0.73                       | 1.52                       | 0.52 |
|        | Left Side   | 10            | 0.10        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.10                       | 0.10                       | 0.10 |
|        | Right Side  | 10            | 0.29        | 0.24            | 0.60              |                   |                   |                   | 0.60          | 0.60        | 0.00                       | 0.53                       | 0.89                       | 0.29 |
|        | Top Side    | 10            | 0.00        | 0.07            | 0.29              |                   |                   |                   | 0.11          | 0.29        | 0.00                       | 0.07                       | 0.29                       | 0.00 |
|        | Bottom Side | 10            | 0.14        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.14                       | 0.14                       | 0.14 |
|        | Front Face  | 15            | 0.26        | 0.07            |                   | 0.09              | 0.13              |                   | 0.20          | 0.20        | 0.00                       | 0.33                       | 0.46                       | 0.26 |
|        | Rear Face   | 15            | 0.33        | 0.13            |                   | 0.42              | 0.64              |                   | 0.50          | 0.64        | 0.00                       | 0.46                       | 0.97                       | 0.33 |
| LTE 38 | Front Face  | 10            | 0.41        | 0.13            | 0.24              |                   |                   |                   | 0.28          | 0.28        | 0.00                       | 0.54                       | 0.69                       | 0.41 |
|        | Rear Face   | 10            | 0.89        | 0.21            | 1.00              |                   |                   |                   | 0.77          | 1.00        | 0.00                       | 1.10                       | 1.89                       | 0.89 |
|        | Left Side   | 10            | 0.45        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.45                       | 0.45                       | 0.45 |
|        | Right Side  | 10            | 0.00        | 0.24            | 0.60              |                   |                   |                   | 0.60          | 0.60        | 0.00                       | 0.24                       | 0.60                       | 0.00 |
|        | Top Side    | 10            | 0.00        | 0.07            | 0.29              |                   |                   |                   | 0.11          | 0.29        | 0.00                       | 0.07                       | 0.29                       | 0.00 |
|        | Bottom Side | 10            | 0.54        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.54                       | 0.54                       | 0.54 |
|        | Front Face  | 15            | 0.24        | 0.07            |                   | 0.09              | 0.13              |                   | 0.20          | 0.20        | 0.00                       | 0.31                       | 0.44                       | 0.24 |
|        | Rear Face   | 15            | 0.32        | 0.13            |                   | 0.42              | 0.64              |                   | 0.50          | 0.64        | 0.00                       | 0.45                       | 0.96                       | 0.32 |
| LTE 41 | Front Face  | 10            | 0.34        | 0.13            | 0.24              |                   |                   |                   | 0.28          | 0.28        | 0.00                       | 0.47                       | 0.62                       | 0.34 |
|        | Rear Face   | 10            | 0.73        | 0.21            | 1.00              |                   |                   |                   | 0.77          | 1.00        | 0.00                       | 0.94                       | 1.73                       | 0.73 |
|        | Left Side   | 10            | 0.37        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.37                       | 0.37                       | 0.37 |
|        | Right Side  | 10            | 0.03        | 0.24            | 0.60              |                   |                   |                   | 0.60          | 0.60        | 0.00                       | 0.27                       | 0.63                       | 0.03 |
|        | Top Side    | 10            | 0.00        | 0.07            | 0.29              |                   |                   |                   | 0.11          | 0.29        | 0.00                       | 0.07                       | 0.29                       | 0.00 |
|        | Bottom Side | 10            | 0.28        | 0.00            | 0.00              |                   |                   |                   | 0.00          | 0.00        | 0.00                       | 0.28                       | 0.28                       | 0.28 |
|        | Front Face  | 15            | 0.31        | 0.07            |                   | 0.09              | 0.13              |                   | 0.20          | 0.20        | 0.00                       | 0.38                       | 0.51                       | 0.31 |
|        | Rear Face   | 15            | 0.42        | 0.13            |                   | 0.42              | 0.64              |                   | 0.50          | 0.64        | 0.00                       | 0.55                       | 1.06                       | 0.42 |

**Simultaneous Transmission SAR Evaluation**

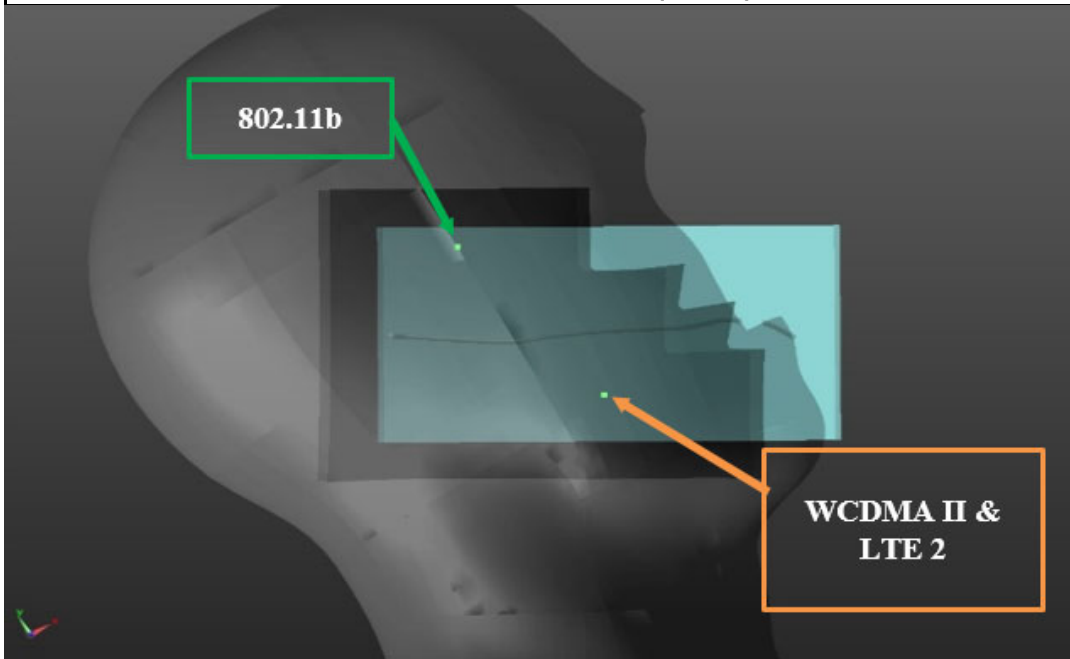
| Band     | Position    | WWAN Gap (mm) | A            | 8                 | 8                 | 8               | C             | 11           | A+C                         | A+11                        |
|----------|-------------|---------------|--------------|-------------------|-------------------|-----------------|---------------|--------------|-----------------------------|-----------------------------|
|          |             |               | Max WWAN     | WLAN 5.3GHz Ant 0 | WLAN 5.6GHz Ant 0 | WLAN 5GHz Ant 0 | Max WLAN 5GHz | BT Ant 0     | Summimg result 10g SAR W/kg | Summimg result 10g SAR W/kg |
|          |             |               | 10g SAR W/kg | 10g SAR W/kg      | 10g SAR W/kg      | 10g SAR W/kg    | 10g SAR W/kg  | 10g SAR W/kg | 10g SAR W/kg                | 10g SAR W/kg                |
| GSM1900  | Front Face  | 0             | 1.44         | 0.34              | 0.40              | 0.40            | 0.40          | 0.05         | 1.84                        | 1.49                        |
|          | Rear Face   | 0             | 1.76         | 0.74              | 0.86              | 0.86            | 0.86          | 0.05         | 2.62                        | 1.81                        |
|          | Left Side   | 0             | 0.96         | 0.00              | 0.00              | 0.00            | 0.00          | 0.00         | 0.96                        | 0.96                        |
|          | Right Side  | 0             | 0.14         | 0.83              | 0.81              | 0.83            | 0.83          | 0.06         | 0.97                        | 0.20                        |
|          | Top Side    | 0             | 0.00         | 0.20              | 0.19              | 0.20            | 0.20          | 0.00         | 0.20                        | 0.00                        |
|          | Bottom Side | 0             | 0.49         | 0.00              | 0.00              | 0.00            | 0.00          | 0.00         | 0.49                        | 0.49                        |
| WCDMA II | Front Face  | 0             | 2.48         | 0.34              | 0.40              | 0.40            | 0.40          | 0.05         | 2.88                        | 2.53                        |
|          | Rear Face   | 0             | 2.94         | 0.74              | 0.86              | 0.86            | 0.86          | 0.05         | 3.80                        | 2.99                        |
|          | Left Side   | 0             | 1.75         | 0.00              | 0.00              | 0.00            | 0.00          | 0.00         | 1.75                        | 1.75                        |
|          | Right Side  | 0             | 0.24         | 0.83              | 0.81              | 0.83            | 0.83          | 0.06         | 1.07                        | 0.30                        |
|          | Top Side    | 0             | 0.00         | 0.20              | 0.19              | 0.20            | 0.20          | 0.00         | 0.20                        | 0.00                        |
|          | Bottom Side | 0             | 0.90         | 0.00              | 0.00              | 0.00            | 0.00          | 0.00         | 0.90                        | 0.90                        |
| WCDMA IV | Front Face  | 0             | 1.31         | 0.34              | 0.40              | 0.40            | 0.40          | 0.05         | 1.71                        | 1.36                        |
|          | Rear Face   | 0             | 2.35         | 0.74              | 0.86              | 0.86            | 0.86          | 0.05         | 3.21                        | 2.40                        |
|          | Left Side   | 0             | 1.24         | 0.00              | 0.00              | 0.00            | 0.00          | 0.00         | 1.24                        | 1.24                        |
|          | Right Side  | 0             | 0.16         | 0.83              | 0.81              | 0.83            | 0.83          | 0.06         | 0.99                        | 0.22                        |
|          | Top Side    | 0             | 0.00         | 0.20              | 0.19              | 0.20            | 0.20          | 0.00         | 0.20                        | 0.00                        |
|          | Bottom Side | 0             | 1.15         | 0.00              | 0.00              | 0.00            | 0.00          | 0.00         | 1.15                        | 1.15                        |
| LTE 2    | Front Face  | 0             | 1.76         | 0.34              | 0.40              | 0.40            | 0.40          | 0.05         | 2.16                        | 1.81                        |
|          | Rear Face   | 0             | 2.19         | 0.74              | 0.86              | 0.86            | 0.86          | 0.05         | 3.05                        | 2.24                        |
|          | Left Side   | 0             | 1.33         | 0.00              | 0.00              | 0.00            | 0.00          | 0.00         | 1.33                        | 1.33                        |
|          | Right Side  | 0             | 0.20         | 0.83              | 0.81              | 0.83            | 0.83          | 0.06         | 1.03                        | 0.26                        |
|          | Top Side    | 0             | 0.00         | 0.20              | 0.19              | 0.20            | 0.20          | 0.00         | 0.20                        | 0.00                        |
|          | Bottom Side | 0             | 0.66         | 0.00              | 0.00              | 0.00            | 0.00          | 0.00         | 0.66                        | 0.66                        |
| LTE 4    | Front Face  | 0             | 1.30         | 0.34              | 0.40              | 0.40            | 0.40          | 0.05         | 1.70                        | 1.35                        |
|          | Rear Face   | 0             | 2.40         | 0.74              | 0.86              | 0.86            | 0.86          | 0.05         | 3.26                        | 2.45                        |
|          | Left Side   | 0             | 1.27         | 0.00              | 0.00              | 0.00            | 0.00          | 0.00         | 1.27                        | 1.27                        |
|          | Right Side  | 0             | 0.17         | 0.83              | 0.81              | 0.83            | 0.83          | 0.06         | 1.00                        | 0.23                        |
|          | Top Side    | 0             | 0.00         | 0.20              | 0.19              | 0.20            | 0.20          | 0.00         | 0.20                        | 0.00                        |
|          | Bottom Side | 0             | 1.11         | 0.00              | 0.00              | 0.00            | 0.00          | 0.00         | 1.11                        | 1.11                        |
| LTE 7    | Front Face  | 0             | 1.17         | 0.34              | 0.40              | 0.40            | 0.40          | 0.05         | 1.57                        | 1.22                        |
|          | Rear Face   | 0             | 3.59         | 0.74              | 0.86              | 0.86            | 0.86          | 0.05         | 4.45                        | 3.64                        |
|          | Left Side   | 0             | 1.01         | 0.00              | 0.00              | 0.00            | 0.00          | 0.00         | 1.01                        | 1.01                        |
|          | Right Side  | 0             | 0.04         | 0.83              | 0.81              | 0.83            | 0.83          | 0.06         | 0.87                        | 0.10                        |
|          | Top Side    | 0             | 0.00         | 0.20              | 0.19              | 0.20            | 0.20          | 0.00         | 0.20                        | 0.00                        |
|          | Bottom Side | 0             | 1.08         | 0.00              | 0.00              | 0.00            | 0.00          | 0.00         | 1.08                        | 1.08                        |

## Appendix H. SAR to Peak Location Separation Ratio Analysis

The results are shown as below.

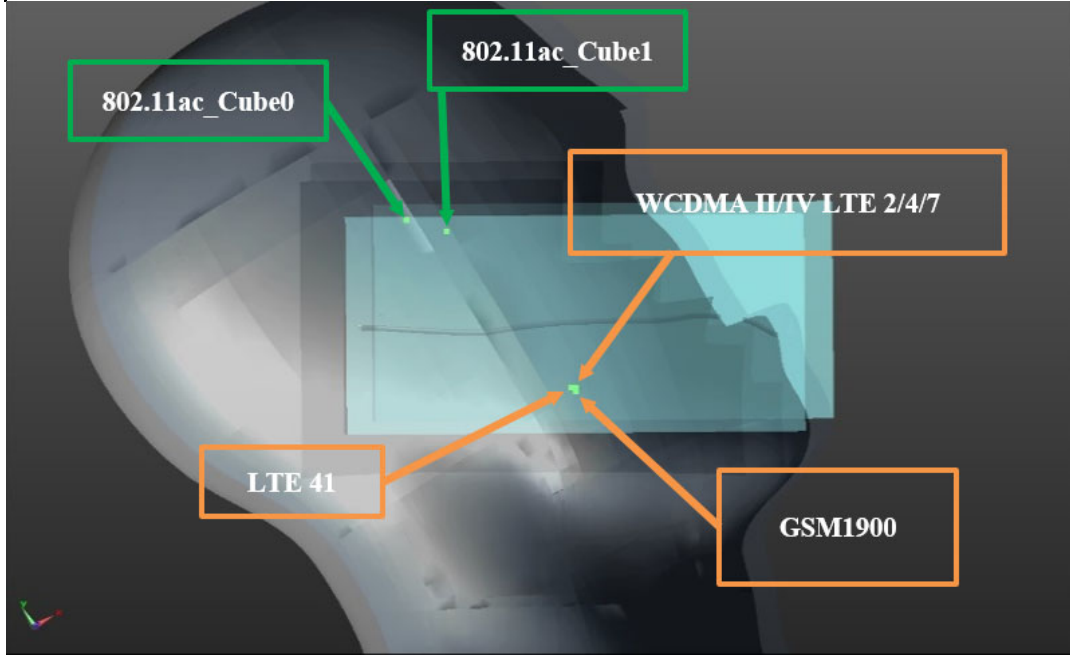


## WWAN + WLAN2.4G (Head)



| Conditions                     | Exposure Condition | Test Position | SAR Value (W/Kg) | Coordinates |        |       | Peak Location Separation Distance (Ri, mm) | SPLSR |
|--------------------------------|--------------------|---------------|------------------|-------------|--------|-------|--|-------|
|                                |                    |               |                  | x           | y      | z     |  |       |
| WCDMA II<br>RMC12.2K<br>Ch9262 | Head               | Left Cheek    | 1.18             | 51.15       | -59.23 | -1.81 | 76.8                                       | 0.03  |
| 802.11b<br>Ch6                 |                    |               | 0.59             | 37.13       | 16.3   | -2.52 |  |       |
| LTE 2<br>QPSK20M<br>Ch18700    | Head               | Left Cheek    | 1.06             | 52.81       | -56.45 | -1.81 | 74.4                                       | 0.03  |
| 802.11b<br>Ch6                 |                    |               | 0.59             | 37.13       | 16.3   | -2.52 |  |       |

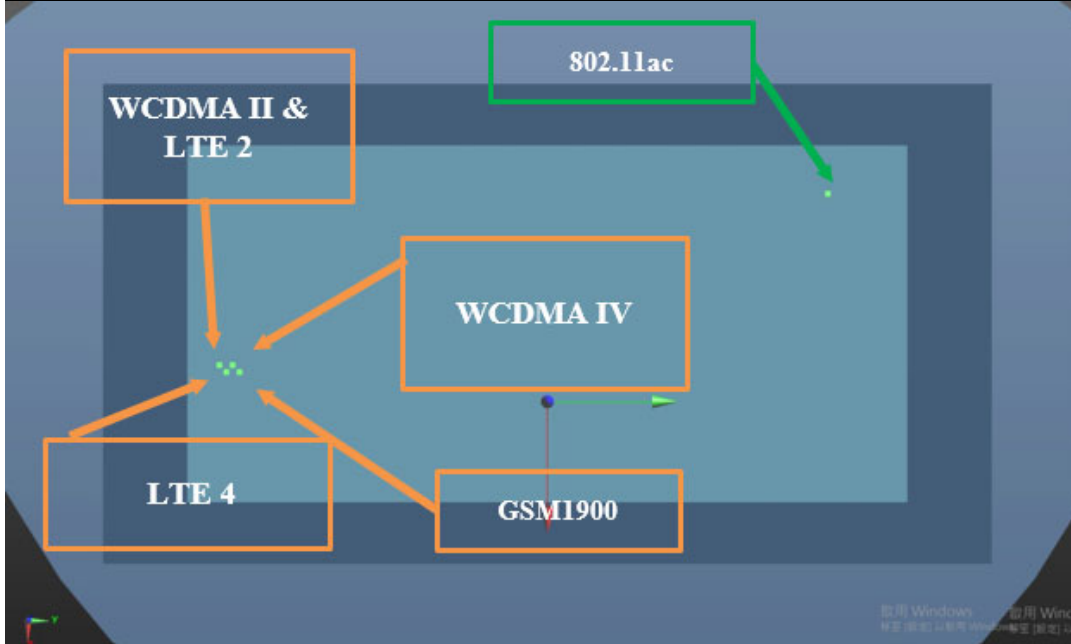
## WWAN + WLAN5G (Head)



| Conditions                       | Exposure Condition | Test Position | SAR Value (W/Kg) | Coordinates |        |       | Peak Location Separation Distance (Ri, mm) | SPLSR |
|----------------------------------|--------------------|---------------|------------------|-------------|--------|-------|--|-------|
|                                  |                    |               |                  | x           | y      | z     |  |       |
| GSM1900<br>EDGE12<br>Ch512       | Head               | Left Cheek    | 0.97             | 51.23       | -59.15 | -1.77 | 88.9                                       | 0.03  |
| 802.11ac VHT80<br>Ch155<br>Cube0 |                    |               | 0.91             | 23.88       | 25.47  | -1.38 |  |       |
| GSM1900<br>EDGE12<br>Ch512       | Head               | Left Cheek    | 0.97             | 51.23       | -59.15 | -1.77 | 87.4                                       | 0.03  |
| 802.11ac VHT80<br>Ch155<br>Cube1 |                    |               | 0.78             | 25.63       | 24.44  | -1.55 |  |       |
| WCDMA II<br>RMC12.2K<br>Ch9262   | Head               | Left Cheek    | 1.18             | 51.15       | -59.23 | -1.81 | 89   | 0.03  |
| 802.11ac VHT80<br>Ch155<br>Cube0 |                    |               | 0.91             | 23.88       | 25.47  | -1.38 |  |       |
| WCDMA II<br>RMC12.2K<br>Ch9262   | Head               | Left Cheek    | 1.18             | 51.15       | -59.23 | -1.81 | 87.5                                       | 0.03  |
| 802.11ac VHT80<br>Ch155<br>Cube1 |                    |               | 0.78             | 25.63       | 24.44  | -1.55 |  |       |
| WCDMA IV<br>RMC12.2K<br>Ch1513   | Head               | Left Cheek    | 0.96             | 52.52       | -60.02 | -1.34 | 90.2                                       | 0.03  |
| 802.11ac VHT80<br>Ch155<br>Cube0 |                    |               | 0.91             | 23.88       | 25.47  | -1.38 |  |       |
| WCDMA IV<br>RMC12.2K<br>Ch1513   | Head               | Left Cheek    | 0.96             | 52.52       | -60.02 | -1.34 | 88.6                                       | 0.03  |
| 802.11ac VHT80<br>Ch155<br>Cube1 |                    |               | 0.78             | 25.63       | 24.44  | -1.55 |  |       |

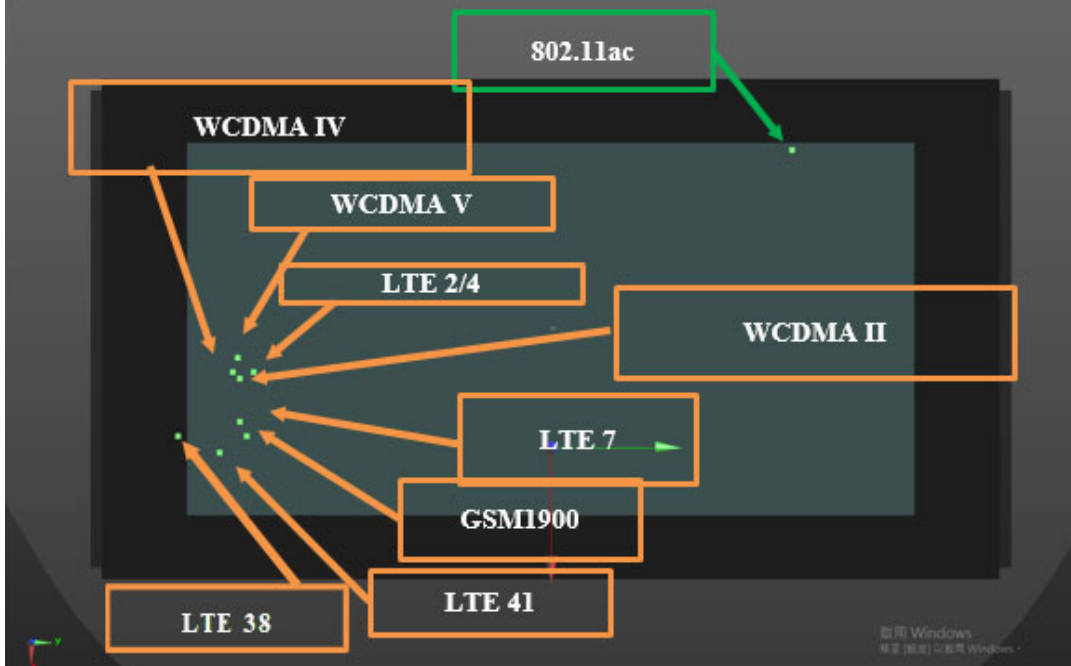
|                                  |      |            |      |       |        |       |      |      |
|----------------------------------|------|------------|------|-------|--------|-------|------|------|
| LTE 2 QPSK20M<br>Ch18700         | Head | Left Cheek | 1.06 | 52.81 | -56.45 | -1.81 | 86.9 | 0.03 |
| 802.11ac VHT80<br>Ch155<br>Cube0 |      |            | 0.91 | 23.88 | 25.47  | -1.38 |      |      |
| LTE 2 QPSK20M<br>Ch18700         | Head | Left Cheek | 1.06 | 52.81 | -56.45 | -1.81 | 85.3 | 0.03 |
| 802.11ac VHT80<br>Ch155<br>Cube1 |      |            | 0.78 | 25.63 | 24.44  | -1.55 |      |      |
| LTE 4 QPSK20M<br>Ch20300         | Head | Left Cheek | 0.85 | 54.66 | -59.5  | -0.9  | 90.4 | 0.03 |
| 802.11ac VHT80<br>Ch155<br>Cube0 |      |            | 0.91 | 23.88 | 25.47  | -1.38 |      |      |
| LTE 4 QPSK20M<br>Ch20300         | Head | Left Cheek | 0.85 | 54.66 | -59.5  | -0.9  | 88.8 | 0.02 |
| 802.11ac VHT80<br>Ch155<br>Cube1 |      |            | 0.78 | 25.63 | 24.44  | -1.55 |      |      |
| LTE 7 QPSK20M<br>Ch20850         | Head | Left Cheek | 0.91 | 51.26 | -59.07 | -1.78 | 88.9 | 0.03 |
| 802.11ac VHT80<br>Ch155<br>Cube0 |      |            | 0.91 | 23.88 | 25.47  | -1.38 |      |      |
| LTE 7 QPSK20M<br>Ch20850         | Head | Left Cheek | 0.91 | 51.26 | -59.07 | -1.78 | 87.4 | 0.03 |
| 802.11ac VHT80<br>Ch155<br>Cube1 |      |            | 0.78 | 25.63 | 24.44  | -1.55 |      |      |
| LTE 41 QPSK20M<br>Ch41055        | Head | Left Cheek | 0.77 | 51.26 | -57.92 | -1.94 | 87.8 | 0.02 |
| 802.11ac VHT80<br>Ch155<br>Cube0 |      |            | 0.91 | 23.88 | 25.47  | -1.38 |      |      |

## WWAN + WLAN5G (Body-Worn)



| Conditions                          | Exposure Condition | Test Position | SAR Value (W/Kg) | Coordinates |       |       | Peak Location Separation Distance (Ri, mm) | SPLSR |
|-------------------------------------|--------------------|---------------|------------------|-------------|-------|-------|--|-------|
|                                     |                    |               |                  | x           | y     | z     |  |       |
| GSM1900<br>EDGE12 Ch512             | Body               | Rear Face     | 1.16             | 10.6        | -72   | -0.9  | 139  | 0.02  |
| WLAN5.6G<br>802.11ac VHT80<br>Ch106 |                    |               | 0.64             | -30.9       | 60.7  | -1.11 |  |       |
| WCDMA II<br>RMC12.2K<br>Ch9262      | Body               | Rear Face     | 1.18             | 10.5        | -67.5 | -0.91 | 134.7                                      | 0.02  |
| WLAN5.6G<br>802.11ac VHT80<br>Ch106 |                    |               | 0.64             | -30.9       | 60.7  | -1.11 |  |       |
| WCDMA IV<br>RMC12.2K<br>Ch1513      | Body               | Rear Face     | 1.17             | 7.4         | -65.8 | -0.94 | 132.2                                      | 0.02  |
| WLAN5.6G<br>802.11ac VHT80<br>Ch106 |                    |               | 0.64             | -30.9       | 60.7  | -1.11 |  |       |
| LTE 2 QPSK20M<br>Ch18700            | Body               | Rear Face     | 1.1              | 12.1        | -70.5 | -0.89 | 138.1                                      | 0.02  |
| WLAN5.6G<br>802.11ac VHT80<br>Ch106 |                    |               | 0.64             | -30.9       | 60.7  | -1.11 |  |       |
| LTE<br>4_QPSK20M_Ch2<br>0300        | Body               | Rear Face     | 1.12             | 10.6        | -68.8 | -0.92 | 136  | 0.02  |
| WLAN5.6G<br>802.11ac VHT80<br>Ch106 |                    |               | 0.64             | -30.9       | 60.7  | -1.11 |  |       |

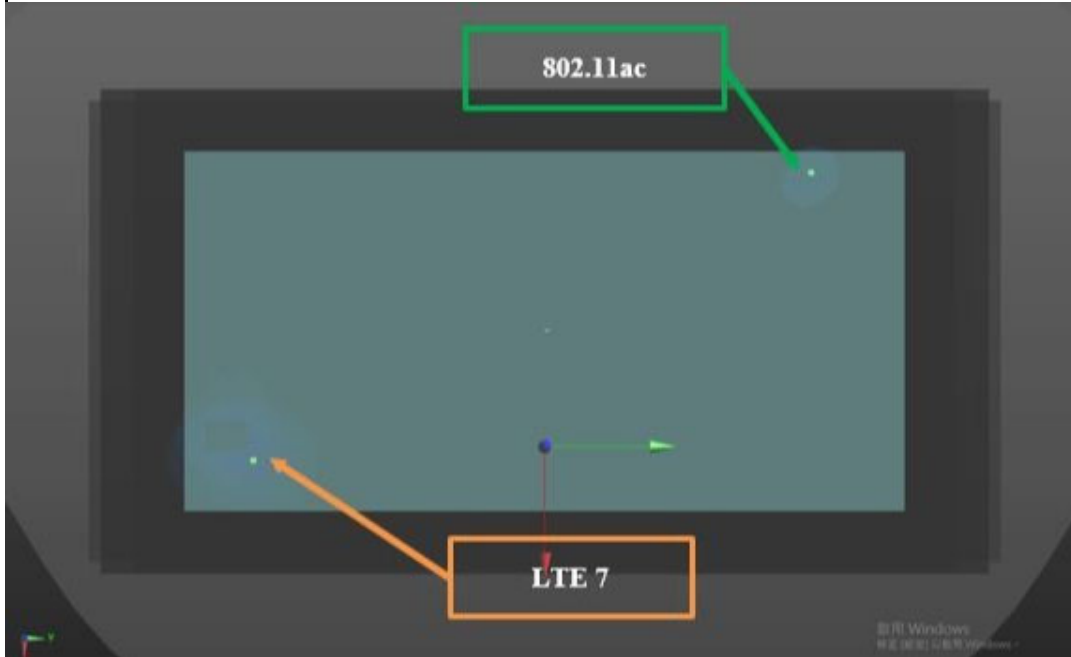
## WWAN + WLAN5G (Hotspot)



| Conditions                         | Exposure Condition | Test Position | SAR Value (W/Kg) | Coordinates |       |       | Peak Location Separation Distance (Ri, mm) | SPLSR |
|------------------------------------|--------------------|---------------|------------------|-------------|-------|-------|--|-------|
|                                    |                    |               |                  | x           | y     | z     |  |       |
| GSM1900<br>GPRS10 Ch661            | Body               | Rear Face     | 1.08             | 9.2         | -68   | -1.02 | 128.8                                      | 0.02  |
| WLAN5.2G<br>802.11ac VHT80<br>Ch42 |                    |               | 1                | -38.3       | 51.7  | -0.83 |  |       |
| WCDMA II<br>RMC12.2K<br>Ch9262     | Body               | Rear Face     | 1.09             | 12.1        | -67.5 | -0.97 | 129.4                                      | 0.02  |
| WLAN5.2G<br>802.11ac VHT80<br>Ch42 |                    |               | 1                | -38.3       | 51.7  | -0.83 |  |       |
| WCDMA IV<br>RMC12.2K<br>Ch1513     | Body               | Rear Face     | 1.15             | 10.6        | -67.4 | -0.97 | 128.7                                      | 0.02  |
| WLAN5.2G<br>802.11ac VHT80<br>Ch42 |                    |               | 1                | -38.3       | 51.7  | -0.83 |  |       |
| WCDMA V<br>RMC12.2K<br>Ch4233      | Body               | Rear Face     | 0.65             | 22.5        | -70.8 | -0.57 | 136.8                                      | 0.02  |
| WLAN5.2G<br>802.11ac VHT80<br>Ch42 |                    |               | 1                | -38.3       | 51.7  | -0.83 |  |       |
| LTE 2 QPSK20M<br>Ch18700           | Body               | Rear Face     | 1.09             | 10.6        | -64.5 | -1    | 126.1                                      | 0.02  |
| WLAN5.2G<br>802.11ac VHT80<br>Ch42 |                    |               | 1                | -38.3       | 51.7  | -0.83 |  |       |
| LTE 4 QPSK20M<br>Ch20300           | Body               | Rear Face     | 1.1              | 9           | -65.8 | -0.99 | 126.7                                      | 0.02  |
| WLAN5.2G<br>802.11ac VHT80<br>Ch42 |                    |               | 1                | -38.3       | 51.7  | -0.83 |  |       |

|                                    |      |           |      |       |       |       |       |      |
|------------------------------------|------|-----------|------|-------|-------|-------|-------|------|
| LTE 7 QPSK20M<br>Ch21100           | Body | Rear Face | 1    | 20.5  | -69.5 | -0.92 | 134.7 | 0.02 |
| WLAN5.2G<br>802.11ac VHT80<br>Ch42 |      |           | 1    | -38.3 | 51.7  | -0.83 |       |      |
| LTE 38 QPSK20M<br>Ch38000          | Body | Rear Face | 0.89 | 21.5  | -80   | -0.58 | 144.6 | 0.02 |
| WLAN5.2G<br>802.11ac VHT80<br>Ch42 |      |           | 1    | -38.3 | 51.7  | -0.83 |       |      |
| LTE 41 QPSK20M<br>Ch41490          | Body | Rear Face | 0.73 | 20    | -71   | -0.91 | 135.8 | 0.02 |
| WLAN5.2G<br>802.11ac VHT80<br>Ch42 |      |           | 1    | -38.3 | 51.7  | -0.83 |       |      |

## WWAN + WLAN5G (Phablet)



| Conditions                          | Exposure Condition | Test Position | SAR Value (W/Kg) | Coordinates |      |       | Peak Location Separation Distance (Ri, mm) | SPLSR |
|-------------------------------------|--------------------|---------------|------------------|-------------|------|-------|--|-------|
|                                     |                    |               |                  | x           | y    | z     |  |       |
| LTE 7 QPSK20M<br>Ch21100            | Body               | Rear Face     | 3.59             | 20          | -70  | -1.16 | 143  | 0.07  |
| WLAN5.6G<br>802.11ac VHT80<br>Ch106 |                    |               | 0.86             | -33.7       | 62.5 | -1.29 |  |       |