

# TEST REPORT

FCC SAR Part 0 Test for SM-F766U  
Certification

**APPLICANT**  
SAMSUNG Electronics Co., Ltd.

**REPORT NO.**  
HCT-SR-2504-FC006-R1

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**TEST  
REPORT**PART 0 SAR Test  
for certification**REPORT NO.****HCT-SR-2504-FC006-R1****DATE OF ISSUE****May. 22, 2025****FCC ID****A3LSMF766U****Applicant****SAMSUNG Electronics Co., Ltd****129, Samsung-ro, Yeongtong-gu, Suwon-Si, Gyeonggi-do, 16677, Korea****Product Name****Mobile Phone****Model Name****SM-F766U****Additional Model Name****SM-F766U1****Date of Test****Feb. 24, 2025 ~ Apr. 23, 2025, May.15,2025****Location of Test**☒ **Permanent Testing Lab** ☐ **On Site Testing Lab****(Address: 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si,  
Gyeonggi-do, 17383 KOREA)****FCC Rule Part(s)****CFR § 2.1093**

## REVISION HISTORY

The revision history for this test report is shown in table.

| Revision No. | Date of Issue | Description                   |
|--------------|---------------|-------------------------------|
| 0            | Apr. 29, 2025 | Initial Release               |
| 1            | May.22, 2025  | Revised Table 4-5 and Page 53 |

## Notice

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### Content

The results shown in this test report only apply to the sample(s), as received, provided by the applicant, unless otherwise stated.

The test results have only been applied with the test methods required by the standard(s).

The laboratory is not accredited for the test results marked \*.

Information provided by the applicant is marked \*\*.

Test results provided by external providers are marked \*\*\*.

When confirmation of authenticity of this test report is required, please contact [www.hct.co.kr](http://www.hct.co.kr)

The test results in this test report are not associated with the ((KS Q) ISO/IEC 17025) accreditation by KOLAS (Korea Laboratory Accreditation Scheme) / A2LA (American Association for Laboratory Accreditation) that are under the ILAC (International Laboratory Accreditation Cooperation) Mutual Recognition Agreement (MRA).

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## 1. Test Location

### 1.1 Test Laboratory

|              |                                                                                 |
|--------------|---------------------------------------------------------------------------------|
| Company Name | HCT Co., Ltd.                                                                   |
| Address      | 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, 17383 KOREA |
| Telephone    | 031-645-6300                                                                    |
| Fax.         | 031-645-6401                                                                    |

### 1.2 Test Facilities

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

|       |                                                         |
|-------|---------------------------------------------------------|
| Korea | National Radio Research Agency (Designation No. KR0032) |
|       | KOLAS (Testing No. KT197)                               |

### 1.3 General Information of the EUT

|                       |                               |
|-----------------------|-------------------------------|
| Model Name            | SM-F766U                      |
| Additional Model Name | SM-F766U1                     |
| Equipment Type        | Mobile Phone                  |
| FCC ID                | A3LSMF766U                    |
| Application Type      | Certification                 |
| Applicant             | SAMSUNG Electronics Co., Ltd. |

## 2. DEVICE UNDER TEST DESCRIPTION

| Device Wireless specification overview     |                |                                                  |
|--------------------------------------------|----------------|--------------------------------------------------|
| Band & Mode                                | Operating Mode | Tx Frequency                                     |
| GSM850                                     | Voice / Data   | 824.2 MHz ~ 848.8 MHz                            |
| GSM1900                                    | Voice / Data   | 1 850.2 MHz ~ 1 909.8 MHz                        |
| UMTS Band 2                                | Voice / Data   | 1 852.4 MHz ~ 1 907.6 MHz                        |
| UMTS Band 4                                | Voice / Data   | 1 712.4 MHz ~ 1 752.6 MHz                        |
| UMTS Band 5                                | Voice / Data   | 826.4 MHz ~ 846.6 MHz                            |
| LTE FDD Band 2 (PCS)                       | Voice / Data   | 1 850.7 MHz ~ 1 909.3 MHz                        |
| LTE FDD Band 4 (AWS)                       | Voice / Data   | 1 710.7 MHz ~ 1 754.3 MHz                        |
| LTE FDD Band 5 (Cell)                      | Voice / Data   | 824.7 MHz ~ 848.3 MHz                            |
| LTE FDD Band 7                             | Voice / Data   | 2 502.5 MHz ~ 2 567.5 MHz                        |
| LTE FDD Band 12                            | Voice / Data   | 699.7 MHz ~ 715.3 MHz                            |
| LTE FDD Band 13                            | Voice / Data   | 779.5 MHz ~ 784.5 MHz                            |
| LTE FDD Band 14                            | Voice / Data   | 790.5 MHz ~ 795.5 MHz                            |
| LTE FDD Band 25                            | Voice / Data   | 1 850.7 MHz ~ 1 914.3 MHz                        |
| LTE FDD Band 26                            | Voice / Data   | 814.7 MHz ~ 848.3 MHz                            |
| LTE FDD Band 30                            | Voice / Data   | 2 307.5 MHz ~ 2 312.5 MHz                        |
| LTE TDD Band 38                            | Voice / Data   | 2 572.5 MHz ~ 2 617.5 MHz                        |
| LTE TDD Band 41                            | Voice / Data   | 2 498.5 MHz ~ 2 687.5 MHz                        |
| LTE TDD Band 48                            | Voice / Data   | 3 552.5 MHz ~ 3 697.5 MHz                        |
| LTE FDD Band 66 (AWS)                      | Voice / Data   | 1 710.7 MHz ~ 1 779.3 MHz                        |
| LTE FDD Band 71                            | Voice / Data   | 665.5 MHz ~ 695.5 MHz                            |
| NR FDD Band n2 (PCS)                       | Voice / Data   | 1 852.5 MHz ~ 1 907.5 MHz                        |
| NR FDD Band n5                             | Voice / Data   | 826.5 MHz ~ 846.5 MHz                            |
| NR FDD Band n7                             | Voice / Data   | 2 502.5 MHz ~ 2 567.5 MHz                        |
| NR FDD Band n12                            | Voice / Data   | 701.5 MHz ~ 713.5 MHz                            |
| NR FDD Band n14                            | Voice / Data   | 790.5 MHz ~ 795.5 MHz                            |
| NR FDD Band n25 (PCS)                      | Voice / Data   | 1 852.5 MHz ~ 1 912.5 MHz                        |
| NR FDD Band n26                            | Voice / Data   | 816.5 MHz ~ 846.5 MHz                            |
| NR FDD Band n30                            | Voice / Data   | 2 307.5 MHz ~ 2 312.5 MHz                        |
| NR TDD Band n38                            | Voice / Data   | 2 575 MHz ~ 2 615 MHz                            |
| NR TDD Band n41                            | Voice / Data   | 2 501.01 MHz ~ 2 685 MHz                         |
| NR TDD Band n48                            | Voice / Data   | 3 555 MHz ~ 3 695.01 MHz                         |
| NR FDD Band n66                            | Voice / Data   | 1 712.5 MHz ~ 1 777.5 MHz                        |
| NR FDD Band n70                            | Voice / Data   | 1 697.5 MHz ~ 1 707.5 MHz                        |
| NR FDD Band n71                            | Voice / Data   | 665.5 MHz ~ 695.5 MHz                            |
| NR TDD Band n77                            | Voice / Data   | 3 705 MHz ~ 3 975 MHz                            |
| NR TDD Band n77 DoD                        | Voice / Data   | 3 445.01 MHz ~ 3 544.98 MHz                      |
| NR TDD Band n78                            | Voice / Data   | 3 705 MHz ~ 3 795 MHz                            |
| NR TDD Band n78 DoD                        | Voice / Data   | 3 455.01 MHz ~ 3 544.98 MHz                      |
| NR Band n258                               | Data           | 24 250 MHz ~ 24 450 MHz; 24 750 MHz ~ 25 250 MHz |
| NR Band n260                               | Data           | 37 000 MHz ~ 40 000 MHz                          |
| NR Band n261                               | Data           | 27 500 MHz ~ 28 350 MHz                          |
| U-NII-1                                    | Voice / Data   | 5 180 MHz ~ 5 240 MHz                            |
| U-NII-2A                                   | Voice / Data   | 5 260 MHz ~ 5 320 MHz                            |
| U-NII-2C                                   | Voice / Data   | 5 500 MHz ~ 5 720 MHz                            |
| U-NII-3                                    | Voice / Data   | 5 745 MHz ~ 5 825 MHz                            |
| U-NII-4                                    | Voice / Data   | 5 845 MHz ~ 5 885 MHz                            |
| U-NII-5                                    | Voice / Data   | 5 925 MHz ~ 6 425 MHz                            |
| U-NII-6                                    | Voice / Data   | 6 425 MHz ~ 6 525 MHz                            |
| U-NII-7                                    | Voice / Data   | 6 525 MHz ~ 6 865 MHz                            |
| U-NII-8                                    | Voice / Data   | 6 865 MHz ~ 7 115 MHz                            |
| 2.4 GHz WLAN                               | Voice / Data   | 2 412 MHz ~ 2 462 MHz                            |
| Bluetooth / LE 5.4                         | Data           | 2 402 MHz ~ 2 480 MHz                            |
| NFC                                        | Data           | 13.56 MHz                                        |
| WPC                                        | Data           | 110 kHz ~ 148 kHz                                |
| NTN Band 255<br>(Non terrestrial Networks) | Data           | 1 626.5 MHz ~ 1 660.5 MHz                        |

## 2.1 Time-Averaging for SAR

This WWAN Mode of DUT is equipped with an S.LSI chipset to which the Samsung S.LSI proprietary TAS (Time Average SAR) algorithm is applied. and also This equipment contains the Qualcomm modem supporting WLAN Fast connect TAS operations.

The Samsung S.LSI proprietary TAS algorithm maintains the time-averaged transmit power, in turn, time-averaged RF exposure of SAR\_design\_target or PD\_design\_target, below the predefined time-averaged power limit (i.e., Plimit for sub-6 radio and WLAN, and input.power.limit for 5G mmW NR), for each characterized technology and band (see SAR Part 0 Test Report for sub 6GHz, PD Part 0 Test Report for 5G mmW NR).

This DUT is enabled with the Samsung S.LSI proprietary TAS (Time Average SAR) algorithm for WWAN Mode and also Qualcomm Fast connect TAS feature for WLAN Mode to control and manage transmitting power in real time and to ensure at all times the time-averaged RF exposure is in compliance with the FCC requirement.

FCC RF exposure limit is based on time averaged RF exposure. The SAR regulatory specification is defined over certain measurement duration allowing for time-averaging. The Samsung S.LSI proprietary TAS (Time Average SAR) algorithm has been designed to meet the compliance limits over the required duration, while still allowing dynamic control of transmit power to satisfy the performance of the system.

This feature performs time averaging SAR algorithm in real time to control and manage transmitting power and ensure the time-averaged RF exposure is in compliance with FCC requirements all the time.

Only the BT, NFC mode of the device did not apply the time averaged SAR algorithm.

The Samsung S.LSI TAS algorithm and Qualcomm Fast connect TAS algorithm allow the device to transmit at higher power instantaneously, as high as Pmax, when needed, but enforces power limiting to maintain time-averaged transmit power to Plimit. Below table shows Plimit NV settings and maximum tune up output power Pmax configured for this DUT for various transmit conditions (Radio SAR indicator RSI for Head / Body SAR of WWAN Mode, Device State Index DSI for WLAN mode).

The purpose of this report is to demonstrate that the DUT meets FCC SAR limits when transmitting in static transmission configurations at Plimit specified by manufacturer.

SAR Characterization confirms that Plimit in the 4G/5G/WLAN communication mode declared by the manufacturer satisfies SAR\_target.

The compliance test under the static transmission scenario and simultaneous transmission analysis are reported in SAR report for WWAN.

The validation of The Samsung S.LSI proprietary TAS (Time Average SAR) algorithm and compliance under the time-varying transmission scenario for WWAN technologies are reported in TAS Validation report.

The validation of The Qualcomm Fast connect TAS algorithm and compliance under the time-varying transmission scenario for WLAN technologies are reported in A3LSMF766U\_SAR Part 2 Report\_WLAN report.

## 2.3 Nomenclature for Part 0 Report

| Technology                     | Term              | Description                                                                                                                                 |
|--------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 2G/3G/4G/5G<br>Sub6NR/<br>WLAN | Plimit            | Power level that corresponds to the exposure design target (SAR_design_target) after accounting for all device design related uncertainties |
|                                | Pmax              | Maximum tune up output power                                                                                                                |
|                                | SAR_design_target | Target SAR level < FCC SAR limit after accounting for all device design related uncertainties.                                              |
|                                | SAR Char          | Table containing Plimit for all technologies and bands                                                                                      |

### 3. SAR MEASUREMENTS

#### 3.1 SAR Definition

Specific Absorption Rate (SAR) is defined as the time derivative of the incremental electromagnetic energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dV) of a given density ( $\rho$ ). It is also defined as the rate of RF energy absorption per unit mass at a point in an absorbing body

$$SAR = \frac{d}{dt} \left( \frac{dU}{dm} \right)$$

SAR Mathematical Equation

SAR is expressed in units of Watts per Kilogram (W/kg).

$$SAR = \sigma E^2 / \rho$$

Where:

$\sigma$  = conductivity of the tissue-simulant material (S/m)

$\rho$  = mass density of the tissue-simulant material (kg/m<sup>3</sup>)

$E$  = Total RMS electric field strength (V/m)

NOTE: The primary factors that control rate of energy absorption were found to be the wavelength of the incident field in relations to the dimensions and geometry of the irradiated organism, the orientation of the organism in relation to the polarity of field vectors, the presence of reflecting surfaces, and whether conductive contact is made by the organism with a ground plane.

### 3.2 SAR Measurement Procedure

The evaluation was performed using the following procedure compliant to FCC KDB Publication 865664 D01v01r04 and IEEE 1528-2013:

1. The SAR distribution at the exposed side of the head or body was measured at a distance no more than 5.0 mm from the inner surface of the shell. The area covered the entire dimension of the DUT's head and body area and the horizontal grid resolution was depending on the FCC KDB 865664 D01v01r04 (see table 3-1) & IEEE 1528-2013.
2. Based on step, the area of the maximum absorption was determined by sophisticated interpolations routines implemented in DASY software. When an Area Scan has measured all reachable point. DASY system computes the field maximal found in the scanned are, within a range of the maximum. SAR at this fixed point was measured and used as a reference value.
3. Around this point, a volume was assessed according to the measurement resolution and volume size requirements of FCC KDB 865664 D01v01r04 table 4-1 and IEEE 1528-2013. On the basis of this data set, the spatial peak SAR value was evaluated with the following procedure (reference from the DASY manual.)
  - a. The data at the surface were extrapolated, since the center of the dipoles is no more than 2.7 mm away from the tip of the probe (it is different from the probe type) and the distance between the surface and the lowest measuring point is 1.2 mm. The extrapolation was based on a least square algorithm. A polynomial of the fourth order was calculated through the points in z-axes. This polynomial was then used to evaluate the points between the surface and the probe tip.
  - b. The maximum interpolated value was searched with a straight-forward algorithm. Around this maximum the SAR values averaged over the spatial volumes (1 g or 10 g) were computed using the 3D-Spline interpolation algorithm. The 3D-spline is composed of three one-dimensional splines with the "Not a knot" condition (in x, y, and z directions. The volume was integrated with the trapezoidal algorithm. One thousand points (10 x 10 x 10) were interpolated to calculate the average.
  - c. All neighboring volumes were evaluated until no neighboring volume with a higher average value was found.
4. The SAR reference value, at the same location as step 2, was re-measured after the zoom scan. If the value changed by more than 5 %, the SAR evaluation and drift measurements were repeated.

| Frequency | Maximum Area Scan Resolution(mm)<br>(Δxarea, Δyarea) | Maximum Zoom Scan Resolution (mm)<br>(Δxzoom, Δyzoom) | Maximum Zoom Scan Spatial |             |                   | Minimum Zoom Scan Volume (mm)<br>(x,y,z) |
|-----------|------------------------------------------------------|-------------------------------------------------------|---------------------------|-------------|-------------------|------------------------------------------|
|           |                                                      |                                                       | Uniform Grid              | Graded Grid |                   |                                          |
|           |                                                      |                                                       |                           | Δzzoom(n)   | Δzzoom(1)*        |                                          |
| ≤2 GHz    | ≤15                                                  | ≤8                                                    | ≤5                        | ≤4          | ≤1.5* Δzzoom(n-1) | ≥30                                      |
| 2-3 GHz   | ≤12                                                  | ≤5                                                    | ≤5                        | ≤4          | ≤1.5* Δzzoom(n-1) | ≥30                                      |
| 3-4 GHz   | ≤12                                                  | ≤5                                                    | ≤4                        | ≤3          | ≤1.5* Δzzoom(n-1) | ≥28                                      |
| 4-5 GHz   | ≤10                                                  | ≤4                                                    | ≤3                        | ≤2.5        | ≤1.5* Δzzoom(n-1) | ≥25                                      |
| 5-6 GHz   | ≤10                                                  | ≤4                                                    | ≤2                        | ≤2          | ≤1.5* Δzzoom(n-1) | ≥22                                      |

**Table 3-1**  
**Area and Zoom Scan Resolutions per FCC KDB Publication 865664 D01v01r04\***

## 4. SAR CHARACTERIZATION

### 4.1 Exposure Index and SAR Determination

This device uses different Radio State indicator (RSI) to configure different time averaged power levels based on certain exposure scenarios. Depending on the detection scheme implemented in the smartphone, the worst-case SAR was determined by measurements for the relevant exposure conditions for that RSI. Detailed descriptions of the detection mechanisms are included in the operational description.

When 1g SAR and 10g SAR exposure comparison is needed, the worst-case was determined from SAR normalized to 1g or 10g SAR limit.

The Radio State indicator (RSI) conditions used in Table 4-1 represent different exposure scenarios.

**Table 4-1 RSI and Corresponding Exposure Scenarios for WWAN Mode**

| Scenario                     | Description                                                                     | SAR Test Cases                                                                           |
|------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Head<br>(RSI = 1)            | Device positioned next to head                                                  | Head SAR per KDB Publication 648474 D04                                                  |
| Flip Open Body<br>(RSI = 0)  | Device Flip open<br>Device being used with a body-worn accessory                | Body-worn SAR per KDB Publication 648474D04                                              |
| Flip Open Body<br>(RSI = 2)  | Device Flip open<br>Device transmits in hotspot mode near body<br>Extremity SAR | Hotspot SAR per KDB Publication 941225 D06<br>Phablet SAR per KDB Publication 648474 D04 |
| Flip Close Body<br>(RSI = 3) | Device Flip close<br>Device being used with a body-worn accessory               | Body-worn SAR per KDB Publication 648474D04                                              |
| Flip Close Body<br>(RSI = 4) | Device Flip close<br>Device transmits in hotspot mode near body                 | Hotspot SAR per KDB Publication 941225 D06                                               |

**Table 4-2 DSI and Corresponding Exposure Scenarios for WLAN Mode**

| Device State Index (DSI)         | Description                                                            | SAR Test Cases                                                                           |
|----------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Head (DSI = 1)                   | Device positioned next to head                                         | Head SAR per KDB Publication 648474 D04                                                  |
| Flip Open & Close Body (DSI = 0) | Device transmits in hotspot mode near body<br>Device is held with hand | Hotspot SAR per KDB Publication 941225 D06<br>Phablet SAR per KDB Publication 648474 D04 |

## 4.2 SAR Design Target

SAR\_design\_target is determined by ensuring that it is less than FCC SAR limit after accounting for total device designed related uncertainties specified by the manufacturer (see Table 4-2).

| <i>SAR_design_target</i>                                                               |          |                             |          |
|----------------------------------------------------------------------------------------|----------|-----------------------------|----------|
| <i>SAR_design_target &lt; SAR_regulatory_limit x 10<sup>Total Uncertainty/10</sup></i> |          |                             |          |
| Body 1g SAR (W/kg)                                                                     |          | 10g SAR (W/kg)              |          |
| <i>Total Uncertainty</i>                                                               | 1.0 dB   | <i>Total Uncertainty</i>    | 1.0 dB   |
| <i>SAR_regulatory_limit</i>                                                            | 1.6 W/kg | <i>SAR_regulatory_limit</i> | 4.0 W/kg |
| <i>SAR_design_target</i>                                                               | 1.0 W/kg | <i>SAR_design_target</i>    | 2.5 W/kg |

Table 4-3 *WWAN SAR\_design\_target* Calculations

| <i>SAR_design_target</i>                                                               |          |                             |          |
|----------------------------------------------------------------------------------------|----------|-----------------------------|----------|
| <i>SAR_design_target &lt; SAR_regulatory_limit x 10<sup>Total Uncertainty/10</sup></i> |          |                             |          |
| WLAN 1g SAR (W/kg)                                                                     |          | 10g SAR (W/kg)              |          |
| <i>Total Uncertainty</i>                                                               | 1.0 dB   | <i>Total Uncertainty</i>    | 1.0 dB   |
| <i>SAR_regulatory_limit</i>                                                            | 1.6 W/kg | <i>SAR_regulatory_limit</i> | 4.0 W/kg |
| <i>SAR_design_target</i>                                                               | 0.8 W/kg | <i>SAR_design_target</i>    | 2.0 W/kg |

Table 4-4 *WLAN SAR\_design\_target* Calculations

### 4.3 SAR Characterization

SAR test results corresponding to Pmax for each antenna/technology/band/RSI can be found in Appendix A. Plimit is calculated by linearly scaling with the measured SAR at the Pmax to correspond to the SAR\_design\_target. Plimit determination for each exposure scenario corresponding to SAR\_design\_target are shown in Table 4-5

| Plim values in green indicate Plimit < Pmax                        |           |         | Plim values in grey indicate Plim > Pmax |                               |                                 |                                                           |
|--------------------------------------------------------------------|-----------|---------|------------------------------------------|-------------------------------|---------------------------------|-----------------------------------------------------------|
| Plimit corresponding to 1 W/kg (1g) 2.5W/kg(10g) SAR Design_target |           |         |                                          |                               |                                 | Pmax                                                      |
| SAR Exposure Position                                              |           |         | Head (RCV ON)                            | Open Body (BodyWorn/ Hotspot) | Closed Body (BodyWorn/ Hotspot) | Maximum Tune-up Output Power (Frame Averaged Power) [dBm] |
| Averaging volume                                                   |           |         | 1g                                       | 1g                            | 1g                              |                                                           |
| separation Distance                                                |           |         | 0 mm                                     | 5 mm                          | 5 mm                            |                                                           |
| Mode                                                               | Band      | Antenna | RSI=1                                    | RSI=0,2                       | RSI=3,4                         |                                                           |
| GSM/GPRS/EDGE                                                      | 850       | A       | 32.1                                     | 21.5                          | 21.5                            | 25.4                                                      |
| GSM/GPRS/EDGE                                                      | 850       | E       | 18.5                                     | 19.5                          | 19.5                            | 24.4                                                      |
| GSM/GPRS/EDGE                                                      | 1900      | B       | 35.3                                     | 19.0                          | 19.0                            | 24.6                                                      |
| UMTS                                                               | 2         | B       | 23.9                                     | 19.0                          | 19.0                            | 25.0                                                      |
| UMTS                                                               | 2         | I       | 17.0                                     | 18.5                          | 18.5                            | 23.0                                                      |
| UMTS                                                               | 4         | B       | 23.9                                     | 19.0                          | 19.0                            | 24.5                                                      |
| UMTS                                                               | 4         | I       | 17.5                                     | 19.5                          | 19.5                            | 23.0                                                      |
| UMTS                                                               | 5         | A       | 23.9                                     | 23.0                          | 23.0                            | 25.0                                                      |
| UMTS                                                               | 5         | E       | 18.5                                     | 19.0                          | 19.0                            | 21.0                                                      |
| LTE FDD                                                            | 25(2)     | B       | 36.2                                     | 19.5                          | 19.5                            | 25.2                                                      |
| LTE FDD                                                            | 25(2)     | I       | 17.0                                     | 18.5                          | 18.5                            | 24.5                                                      |
| LTE FDD                                                            | 66(4)     | B       | 38.1                                     | 19.5                          | 19.5                            | 25.2                                                      |
| LTE FDD                                                            | 66(4)     | I       | 17.5                                     | 19.5                          | 19.5                            | 25.0                                                      |
| LTE FDD                                                            | 7         | B       | 38.3                                     | 19.5                          | 19.5                            | 25.2                                                      |
| LTE FDD                                                            | 7         | I       | 16.0                                     | 17.5                          | 17.5                            | 24.5                                                      |
| LTE FDD                                                            | 12        | A       | 32.0                                     | 23.0                          | 23.0                            | 25.0                                                      |
| LTE FDD                                                            | 12        | E       | 19.0                                     | 19.0                          | 19.0                            | 24.0                                                      |
| LTE FDD                                                            | 13        | A       | 30.3                                     | 23.0                          | 23.0                            | 24.5                                                      |
| LTE FDD                                                            | 13        | E       | 18.5                                     | 18.5                          | 18.5                            | 23.5                                                      |
| LTE FDD                                                            | 14        | A       | 30.2                                     | 23.0                          | 23.0                            | 24.5                                                      |
| LTE FDD                                                            | 14        | E       | 18.5                                     | 18.5                          | 18.5                            | 23.5                                                      |
| LTE FDD                                                            | 26(5)     | A       | 30.6                                     | 22.5                          | 22.5                            | 25.0                                                      |
| LTE FDD                                                            | 26(5)     | E       | 19.5                                     | 20.0                          | 20.0                            | 24.0                                                      |
| LTE FDD                                                            | 30        | B       | 37.9                                     | 19.5                          | 19.5                            | 25.0                                                      |
| LTE FDD                                                            | 30        | I       | 15.5                                     | 16.5                          | 16.5                            | 25.0                                                      |
| LTE TDD PC3                                                        | 41(38)    | B       | 33.1                                     | 19.5                          | 19.5                            | 22.5                                                      |
| LTE TDD PC3                                                        | 41        | I       | 14.8                                     | 17.5                          | 17.5                            | 22.5                                                      |
| LTE TDD PC3                                                        | 48        | F       | 13.0                                     | 16.0                          | 16.0                            | 19.5                                                      |
| LTE FDD                                                            | 71        | A       | 31.1                                     | 26.1                          | 26.3                            | 25.0                                                      |
| LTE FDD                                                            | 71        | E       | 19.0                                     | 19.5                          | 19.5                            | 24.0                                                      |
| NTN 255                                                            | 255       | G       | N/A                                      | 19.0                          | N/A                             | 24.0                                                      |
| NR FDD                                                             | 25(2)     | B       | 34.6                                     | 19.5                          | 19.5                            | 25.2                                                      |
| NR FDD                                                             | 25(2)     | I       | 17.0                                     | 18.5                          | 18.5                            | 24.5                                                      |
| NR FDD                                                             | 7         | B       | 37.9                                     | 19.5                          | 19.5                            | 25.2                                                      |
| NR FDD                                                             | 7         | I       | 15.5                                     | 17.5                          | 17.5                            | 24.5                                                      |
| NR FDD                                                             | 12        | A       | 32.2                                     | 23.0                          | 23.0                            | 24.5                                                      |
| NR FDD                                                             | 12        | E       | 19.0                                     | 19.0                          | 19.0                            | 23.5                                                      |
| NR FDD                                                             | 14        | A       | 30.9                                     | 23.0                          | 23.0                            | 24.5                                                      |
| NR FDD                                                             | 14        | E       | 18.5                                     | 18.5                          | 18.5                            | 23.5                                                      |
| NR FDD                                                             | 26(5)     | A       | 30.5                                     | 22.5                          | 22.5                            | 25.0                                                      |
| NR FDD                                                             | 26(5)     | E       | 19.5                                     | 20.0                          | 20.0                            | 24.0                                                      |
| NR FDD                                                             | 30        | B       | 38.5                                     | 19.5                          | 19.5                            | 24.5                                                      |
| NR FDD                                                             | 30        | I       | 15.5                                     | 16.5                          | 16.5                            | 24.5                                                      |
| NR TDD SRS 0                                                       | 41(38)    | B       | 23.5                                     | 19.5                          | 19.5                            | 27.0                                                      |
| NR TDD SRS 1                                                       | 41        | I       | 15.0                                     | 17.0                          | 17.0                            | 17.0                                                      |
| NR TDD SRS 2                                                       | 41        | C       | 23.5                                     | 19.5                          | 19.5                            | 27.0                                                      |
| NR TDD SRS 3                                                       | 41        | G       | 17.5                                     | 16.0                          | 16.0                            | 19.0                                                      |
| NR TDD                                                             | 38        | I       | 14.8                                     | 17.0                          | 17.0                            | 25.0                                                      |
| NR TDD SRS 0                                                       | 41        | I       | NA                                       | 17.0                          | 17.0                            | 27.0                                                      |
| NR TDD SRS 1                                                       | 41        | B       | NA                                       | 17.0                          | 17.0                            | 27.0                                                      |
| NR TDD SRS 2                                                       | 41        | C       | NA                                       | 16.0                          | 16.0                            | 27.0                                                      |
| NR TDD SRS 3                                                       | 41        | G       | NA                                       | 17.0                          | 17.0                            | 24.0                                                      |
| NR TDD SRS 0                                                       | 48        | F       | 13.0                                     | 16.0                          | 16.0                            | 22.5                                                      |
| NR TDD SRS 1                                                       | 48        | I       | 13.0                                     | 16.0                          | 16.0                            | 22.5                                                      |
| NR TDD SRS 2                                                       | 48        | E       | 13.0                                     | 16.0                          | 16.0                            | 22.5                                                      |
| NR TDD SRS 3                                                       | 48        | C       | 13.0                                     | 16.0                          | 16.0                            | 21.5                                                      |
| NR FDD                                                             | 66        | B       | 37.1                                     | 19.5                          | 19.5                            | 25.2                                                      |
| NR FDD                                                             | 66        | I       | 17.5                                     | 19.5                          | 19.5                            | 25.0                                                      |
| NR FDD                                                             | 70        | B       | 35.0                                     | 19.5                          | 19.5                            | 25.2                                                      |
| NR FDD                                                             | 70        | I       | 17.5                                     | 19.5                          | 19.5                            | 25.0                                                      |
| NR FDD                                                             | 71        | A       | 32.9                                     | 26.1                          | 26.1                            | 25.0                                                      |
| NR FDD                                                             | 71        | E       | 18.0                                     | 19.5                          | 19.5                            | 24.0                                                      |
| NR TDD SRS 0                                                       | 77/78     | F       | 13.5                                     | 16.5                          | 16.5                            | 26.5                                                      |
| NR TDD SRS 1                                                       | 77/78     | I       | 13.5                                     | 16.5                          | 16.5                            | 26.5                                                      |
| NR TDD SRS 2                                                       | 77/78     | E       | 13.5                                     | 16.5                          | 16.5                            | 26.5                                                      |
| NR TDD SRS 3                                                       | 77/78     | C       | 13.5                                     | 16.5                          | 16.5                            | 26.5                                                      |
| NR TDD SRS 0                                                       | 77/78 DoD | F       | 13.5                                     | 16.5                          | 16.5                            | 23.5                                                      |
| NR TDD SRS 1                                                       | 77/78 DoD | I       | 13.5                                     | 16.5                          | 16.5                            | 26.5                                                      |
| NR TDD SRS 2                                                       | 77/78 DoD | E       | 13.5                                     | 16.5                          | 16.5                            | 26.5                                                      |
| NR TDD SRS 3                                                       | 77/78 DoD | C       | 13.5                                     | 16.5                          | 16.5                            | 23.5                                                      |

| Plim values in green indicate Plimit < Pmax                          |      |         | Plimit values in grey indicate Plimit > Pmax |                           |                                                          |
|----------------------------------------------------------------------|------|---------|----------------------------------------------|---------------------------|----------------------------------------------------------|
| Plimit corresponding to 0.8 W/kg (1g) 2.0W/kg(10g) SAR_Design_target |      |         |                                              |                           | Pmax                                                     |
| SAR Exposure Position                                                |      |         | Head (RCV ON)                                | Body (Body-Worn Hotspot ) | Maximum Tune-up Output Power (Burst Average Power) [dBm] |
| Averaging volume                                                     |      |         | 1g                                           | 1g                        |                                                          |
| separation Distance                                                  |      |         | 0 mm                                         | 5 mm                      |                                                          |
| Mode                                                                 | Band | Antenna | DSI=1                                        | DSI=0                     |                                                          |
| WLAN                                                                 | 2.4  | G       | 13.5                                         | 14.5                      | 19.0                                                     |
| WLAN                                                                 | 2.4  | H       | 13.5                                         | 14.5                      | 19.0                                                     |
| WLAN                                                                 | 2.4  | G+H     | 13.5                                         | 14.5                      | 19.0                                                     |
| WLAN                                                                 | 5    | F       | 10.5                                         | 15.0                      | 17.0                                                     |
| WLAN                                                                 | 5    | H       | 10.5                                         | 15.0                      | 17.0                                                     |
| WLAN                                                                 | 5    | F+H     | 10.5                                         | 15.0                      | 17.0                                                     |
| WLAN                                                                 | 6    | F       | 10.0                                         | 10.0                      | 16.0                                                     |
| WLAN                                                                 | 6    | H       | 10.0                                         | 10.0                      | 16.0                                                     |
| WLAN                                                                 | 6    | F+H     | 10.0                                         | 10.0                      | 16.0                                                     |
| BT                                                                   | 2.4  | G       | 14.5                                         | 19.7                      | 18.5                                                     |
| BT                                                                   | 2.4  | H       | 14.5                                         | 23.7                      | 18.5                                                     |
| BT                                                                   | 2.4  | G+H     | 12.0                                         | 15.2                      | 14.0                                                     |

Table 4-5 SAR Characterization

#### Note

1. all Plimit and maximum tune up output power Pmax levels entered in above Table correspond to average power levels after accounting for duty cycle in the case of TDD modulation schemes (for e.g., GSM, LTE TDD).
2. The maximum time-averaged output power (dBm) for any 2G/3G/4G/5G WWAN and WLAN technology, band, and SAR Exposure condition=minimum of “Plimit” and “Maximum tune up output power: “Pmax” + 1dB device uncertainty.
3. The maximum time averaged output power means Plimit for each modes SAR values in this report were scaled to the maximum allowed output power to determine compliance per KDB Publication 447498 D01v06.
4. The NR TDD n41 band of Ant I is switching to the bottom side ant B in a voice call situation.
5. Bluetooth operate on the peak power mode.

## 5. Equipment List

| Manufacturer | Type / Model             | S/N                | Calib. Date | Calib.Interval | Calib.Due  |
|--------------|--------------------------|--------------------|-------------|----------------|------------|
| SPEAG        | SAM Phantom              | -                  | N/A         | N/A            | N/A        |
| SPEAG        | ELI Phantom              | -                  | N/A         | N/A            | N/A        |
| HP           | SAR System Control PC    | -                  | N/A         | N/A            | N/A        |
| Staubli      | CS8Cspeag-TX90           | F11/ 5K3RA1/ C/ 01 | N/A         | N/A            | N/A        |
| Staubli      | CS8Cspeag-TX90           | F12/ 5K9GA1/ C/ 01 | N/A         | N/A            | N/A        |
| Staubli      | CS8Cspeag-TX90           | F13/ 5R4XF1/ C/ 01 | N/A         | N/A            | N/A        |
| Staubli      | CS9spe-TX2-90            | F/24/0058554/C/001 | N/A         | N/A            | N/A        |
| Staubli      | CS8Cspeag-TX90           | F17/ 59CHA1/ C/ 01 | N/A         | N/A            | N/A        |
| Staubli      | CS8Cspeag-TX90           | F17/ 59RAA1/ C/ 01 | N/A         | N/A            | N/A        |
| Staubli      | CS9spe-TX2-90            | F/24/0058554/C/002 | N/A         | N/A            | N/A        |
| Staubli      | CS8Cspeag-TX90           | F08/5AJ0A1/C/01    | N/A         | N/A            | N/A        |
| Staubli      | CS8Cspeag-TX60           | F/20/0018446/C/001 | N/A         | N/A            | N/A        |
| Staubli      | CS8Cspeag-TX60L          | F10/5D1CA1/C/01    | N/A         | N/A            | N/A        |
| Staubli      | TX90 Lspeag              | F11/ 5K3RA1/ A/ 01 | N/A         | N/A            | N/A        |
| Staubli      | TX90 XLspeag             | F12/ 5K9GA1/ A/ 01 | N/A         | N/A            | N/A        |
| Staubli      | TX90 XLspeag             | F13/ 5R4XF1/ A/ 01 | N/A         | N/A            | N/A        |
| Staubli      | TX2-90XL speag           | F/24/0058554/A/001 | N/A         | N/A            | N/A        |
| Staubli      | TX90 XLspeag             | F17/ 59CHA1/ A/ 01 | N/A         | N/A            | N/A        |
| Staubli      | TX90 XLspeag             | F17/ 59RAA1/ A/ 01 | N/A         | N/A            | N/A        |
| Staubli      | TX2-90XL speag           | F/24/0058554/A/002 | N/A         | N/A            | N/A        |
| Staubli      | TX90 XLspeag             | F08/5AJ0A1/A/01    | N/A         | N/A            | N/A        |
| Staubli      | TX60 Lspeag              | F/20/0018446/A/001 | N/A         | N/A            | N/A        |
| Staubli      | TX60 XLspeag             | F10/5D1CA1/A/01    | N/A         | N/A            | N/A        |
| Staubli      | Teach Pendant (Joystick) | S-1203 0309        | N/A         | N/A            | N/A        |
| Staubli      | Teach Pendant (Joystick) | S-1206 0513        | N/A         | N/A            | N/A        |
| Staubli      | Teach Pendant (Joystick) | S-1338 1332        | N/A         | N/A            | N/A        |
| Staubli      | Teach Pendant (Joystick) | D21144508          | N/A         | N/A            | N/A        |
| Staubli      | Teach Pendant (Joystick) | 010963             | N/A         | N/A            | N/A        |
| Staubli      | Teach Pendant (Joystick) | 011578             | N/A         | N/A            | N/A        |
| Staubli      | Teach Pendant (Joystick) | D21144508          | N/A         | N/A            | N/A        |
| Staubli      | Teach Pendant (Joystick) | S-0008             | N/A         | N/A            | N/A        |
| Staubli      | Teach Pendant (Joystick) | 001729             | N/A         | N/A            | N/A        |
| Staubli      | Teach Pendant (Joystick) | S-0123             | N/A         | N/A            | N/A        |
| TESTO        | 175-H1/Thermometer       | 40331936309        | 12/26/2024  | Annual         | 12/26/2025 |
| TESTO        | 175-H1/Thermometer       | 40331936309        | 12/26/2024  | Annual         | 12/26/2025 |
| TESTO        | 175-H1/Thermometer       | 40331953309        | 01/16/2025  | Annual         | 01/16/2026 |
| TESTO        | 175-H1/Thermometer       | 40331939309        | 12/26/2024  | Annual         | 12/26/2025 |
| TESTO        | 175-H1/Thermometer       | 40331915309        | 12/26/2024  | Annual         | 12/26/2025 |
| TESTO        | 175-H1/Thermometer       | 40331922309        | 12/26/2025  | Annual         | 12/26/2026 |
| TESTO        | 175-H1/Thermometer       | 40331949309        | 12/26/2025  | Annual         | 12/26/2026 |
| TESTO        | 175-H1/Thermometer       | 40331949309        | 12/26/2025  | Annual         | 12/26/2026 |
| TESTO        | 175-H1/Thermometer       | 44606611906        | 03/20/2025  | Annual         | 03/20/2026 |
| TESTO        | 175-H1/Thermometer       | 44606559906        | 03/20/2025  | Annual         | 03/20/2026 |
| SPEAG        | DAE4                     | 1686               | 06/19/2024  | Annual         | 06/19/2025 |
| SPEAG        | DAE4                     | 780                | 06/19/2024  | Annual         | 06/19/2025 |
| SPEAG        | DAE4ip                   | 1867               | 05/02/2024  | Annual         | 05/02/2025 |
| SPEAG        | DAE4                     | 1687               | 07/12/2024  | Annual         | 07/12/2025 |
| SPEAG        | DAE4                     | 504                | 01/17/2025  | Annual         | 01/17/2026 |
| SPEAG        | DAE4                     | 1254               | 05/16/2024  | Annual         | 05/16/2025 |
| SPEAG        | DAE4                     | 1750               | 09/13/2024  | Annual         | 09/13/2025 |
| SPEAG        | DAE4                     | 869                | 03/19/2025  | Annual         | 03/19/2026 |
| SPEAG        | DAE4                     | 652                | 01/16/2025  | Annual         | 01/16/2026 |
| SPEAG        | DAE4                     | 868                | 09/19/2024  | Annual         | 09/19/2025 |
| SPEAG        | E-Field Probe EX3DV4     | 7370               | 08/22/2024  | Annual         | 08/22/2025 |
| SPEAG        | E-Field Probe EX3DV4     | 7702               | 01/21/2025  | Annual         | 01/21/2026 |

| Manufacturer | Type / Model                       | S/N        | Calib. Date | Calib.Interval | Calib.Due  |
|--------------|------------------------------------|------------|-------------|----------------|------------|
| SPEAG        | E-Field Probe EX3DV4               | 3768       | 10/07/2024  | Annual         | 10/07/2025 |
| SPEAG        | E-Field Probe EX3DV4               | 7679       | 08/22/2024  | Annual         | 08/22/2025 |
| SPEAG        | E-Field Probe EX3DV4               | 7907       | 12/27/2024  | Annual         | 12/27/2025 |
| SPEAG        | E-Field Probe EX3DV4               | 7732       | 06/19/2024  | Annual         | 06/19/2025 |
| SPEAG        | E-Field Probe ES3DV3               | 3076       | 07/17/2024  | Annual         | 07/17/2025 |
| SPEAG        | E-Field Probe EX3DV4               | 7622       | 11/22/2024  | Annual         | 11/22/2025 |
| SPEAG        | E-Field Probe EX3DV4               | 3968       | 10/29/2024  | Annual         | 10/29/2025 |
| SPEAG        | E-Field Probe EUmmWV4              | 9528       | 05/17/2024  | Annual         | 05/17/2025 |
| SPEAG        | CLA13                              | 1016       | 11/19/2024  | Annual         | 11/19/2025 |
| SPEAG        | Dipole D750V3                      | 1014       | 05/20/2024  | Annual         | 05/20/2025 |
| SPEAG        | Dipole D835V2                      | 441        | 04/18/2024  | Biennial       | 04/18/2026 |
| SPEAG        | Dipole D1640V2                     | 345        | 07/12/2023  | Biennial       | 07/12/2025 |
| SPEAG        | Dipole D1800V2                     | 2d007      | 04/15/2024  | Biennial       | 04/15/2026 |
| SPEAG        | Dipole D1900V2                     | 5d061      | 01/20/2025  | Annual         | 01/20/2026 |
| SPEAG        | Dipole D2300V2                     | 1010       | 07/19/2023  | Biennial       | 07/19/2025 |
| SPEAG        | Dipole D2450V2                     | 1049       | 03/13/2025  | Annual         | 03/13/2026 |
| SPEAG        | Dipole D2600V2                     | 1015       | 04/22/2024  | Biennial       | 04/22/2026 |
| SPEAG        | Dipole D3500V2                     | 1040       | 01/16/2025  | Annual         | 01/16/2026 |
| SPEAG        | Dipole D3700V2                     | 1105       | 09/18/2024  | Annual         | 09/18/2025 |
| SPEAG        | Dipole D3900V2                     | 1086       | 05/21/2024  | Annual         | 05/21/2025 |
| SPEAG        | Dipole D5GHzV2                     | 1107       | 04/19/2024  | Biennial       | 04/19/2026 |
| SPEAG        | Dipole D6.5GHzV2                   | 1012       | 09/17/2024  | Annual         | 09/17/2025 |
| SPEAG        | 5G Power Verification Source 10GHz | 1018       | 04/17/2024  | Annual         | 04/17/2025 |
| Agilent      | Power Meter E4419B                 | MY41291386 | 09/11/2024  | Annual         | 09/11/2025 |
| Agilent      | Power Meter N1911A                 | MY45101406 | 05/21/2024  | Annual         | 05/21/2025 |
| Agilent      | Power Sensor 8481A                 | SG1091286  | 09/12/2024  | Annual         | 09/12/2025 |
| H.P          | Power Sensor 8481A                 | MY41090675 | 09/12/2024  | Annual         | 09/12/2025 |
| Agilent      | Power Meter E4419B                 | MY41291386 | 09/11/2024  | Annual         | 09/11/2025 |
| Agilent      | Wideband Power Sensor N1921A       | MY55220026 | 07/30/2024  | Annual         | 07/30/2025 |

| Manufacturer  | Type / Model                             | S/N         | Calib. Date | Calib.Interval | Calib.Due  |
|---------------|------------------------------------------|-------------|-------------|----------------|------------|
| Agilent       | 11636B/Power Divider                     | 58698       | 01/13/2025  | Annual         | 01/13/2026 |
| SPEAG         | DAKS 3.5                                 | 1038        | 01/20/2025  | Annual         | 01/20/2026 |
| SPEAG         | Vector Reflectometer                     | 0141013     | 01/13/2025  | Annual         | 01/13/2026 |
| SPEAG         | MXA Signal Analyzer                      | MY49100108  | 01/07/2025  | Annual         | 01/07/2026 |
| H.P           | Network Analyzer /8753E                  | JP38451384  | 08/20/2024  | Annual         | 08/20/2025 |
| Protek        | NETWORK ANALYZER                         | X11-15305   | 02/10/2025  | Annual         | 02/10/2026 |
| Agilent       | WIRELESS COMMUNICATION E5515C            | MY48361100  | 09/11/2024  | Annual         | 09/11/2025 |
| Agilent       | WIRELESS COMMUNICATION E5515C            | MY48360252  | 07/29/2024  | Annual         | 07/29/2025 |
| R&S           | Wireless Communication Test Set CMW500   | 115733      | 03/20/2025  | Annual         | 03/20/2026 |
| R&S           | Wireless Communication Test Set CMW500   | 139333      | 12/09/2024  | Annual         | 12/09/2025 |
| Agilent       | SIGNAL GENERATOR N5182A                  | MY47070230  | 03/19/2024  | Annual         | 03/19/2025 |
| Agilent       | SIGNAL GENERATOR N5182A                  | MY47070230  | 03/18/2025  | Annual         | 03/18/2026 |
| Keysight      | PSG Vector Signal Generator              | MY50350097  | 03/05/2025  | Annual         | 03/05/2026 |
| EMPOWER       | RF Power Amplifier                       | 1084        | 05/21/2024  | Annual         | 05/21/2025 |
| EMPOWER       | RF Power Amplifier                       | 1041D/C0508 | 05/21/2024  | Annual         | 05/21/2025 |
| EMPOWER       | RF Power Amplifier                       | 1011        | 09/11/2024  | Annual         | 09/11/2025 |
| MICRO LAB     | LP Filter / LA-15N                       | 10453       | 09/11/2024  | Annual         | 09/11/2025 |
| MICRO LAB     | LP Filter / LA-30N                       | -           | 09/11/2024  | Annual         | 09/11/2025 |
| MICRO LAB     | LP Filter / LA-60N                       | 32011       | 09/11/2024  | Annual         | 09/11/2025 |
| Agilent       | Attenuator (3dB) 8693B                   | MY39260298  | 08/20/2024  | Annual         | 08/20/2025 |
| HP            | Attenuator (20dB) 8493C                  | 09271       | 08/21/2024  | Annual         | 08/21/2025 |
| Agilent       | Directional Bridge 86205A                | 3140A04581  | 04/22/2024  | Annual         | 04/22/2025 |
| Agilent       | Directional Bridge 86205A                | 3140A04581  | 04/18/2025  | Annual         | 04/18/2026 |
| OSI           | Power Divider                            | #1          | 05/21/2024  | Annual         | 05/21/2025 |
| OSI           | Power Divider                            | #2          | 05/21/2024  | Annual         | 05/21/2025 |
| OSI           | Power Divider                            | #3          | 05/21/2024  | Annual         | 05/21/2025 |
| OSI           | Power Divider                            | #4          | 05/21/2024  | Annual         | 05/21/2025 |
| Agilent       | MXA Signal Analyzer N9020A               | MY50510407  | 06/04/2024  | Annual         | 06/04/2025 |
| HP            | Dual Directional Coupler                 | 16072       | 09/11/2024  | Annual         | 09/11/2025 |
| Anritsu       | Radio Communication Test Station MT8000A | 6262036812  | 11/27/2024  | Annual         | 11/27/2025 |
| Anritsu       | Radio Communication Test Station MT8000A | 6262148305  | 12/23/2024  | Annual         | 12/23/2025 |
| Anritsu       | Radio Communication Test Station MT8000A | 6261967108  | 04/22/2024  | Annual         | 04/22/2025 |
| Anritsu       | Radio Communication Test Station MT8000A | 6261967108  | 04/21/2025  | Annual         | 04/21/2026 |
| Anritsu       | Radio Communication Tester MT8820C       | 6201074225  | 01/13/2025  | Annual         | 01/13/2026 |
| Anritsu       | Radio Communication Tester MT8820C       | 6200695605  | 03/21/2025  | Annual         | 03/21/2026 |
| Anritsu       | Radio Communication Tester MT8821C       | 6201502997  | 05/21/2024  | Annual         | 05/21/2025 |
| Anritsu       | Radio Communication Tester MT8821C       | 6262044720  | 11/27/2024  | Annual         | 11/27/2025 |
| Anritsu       | Radio Communication Tester MT8821C       | 6201664725  | 01/13/2025  | Annual         | 01/13/2026 |
| Agilent       | WIRELESS COMMUNICATION E5515C            | MY50260992  | 05/22/2024  | Annual         | 05/22/2025 |
| ROHDE&SCHWARZ | BLUETOOTH TESTER CBT                     | 100272      | 01/13/2025  | Annual         | 01/13/2026 |

\* The E-field probe was calibrated by SPEAG, by the waveguide technique procedure. Dipole Verification measurement is performed by HCT Lab. before each test. The brain/body simulating material is calibrated by HCT using the DAKS 3.5 to determine the conductivity and permittivity (dielectric constant) of the brain/body-equivalent material.

## 6. Measurement Uncertainty

The measured SAR was  $<1.5$  W/Kg for 1g SAR and  $<3.75$  W/Kg For 10g SAR for all frequency bands. Therefore, per KDB Publication 865664 D01v01r04, the extended measurement uncertainty analysis per IEEE1528-2013 was not required.

## Appendix A: SAR Test Results For P limit CALCULATIONS

Table A-1 RSI = 1 *PLimit* Calculations – 2G/3G Head SAR

| MEASUREMENT RESULTS |      |             |          |       |                 |               |            |        |        |         |
|---------------------|------|-------------|----------|-------|-----------------|---------------|------------|--------|--------|---------|
| Frequency           |      | Mode/ Band  |          | Ant.  | Frame Averaged  | Test Position | Duty Cycle | Meas.  | Plimit | Minimum |
| MHz                 | Ch.  |             |          |       | Conducted Power |               |            | (W/kg) | (dBm)  | (dBm)   |
|                     |      |             |          |       | (dBm)           |               |            |        |        |         |
| 836.6               | 190  | GSM 850     | GPRS 4Tx | A     | 24.67           | Left Cheek    | 1:2.07     | 0.113  | 34.1   | 32.1    |
| 836.6               | 190  | GSM 850     |          | A     | 24.67           | Left Tilt     | 1:2.07     | 0.075  | 35.9   |         |
| 836.6               | 190  | GSM 850     |          | A     | 24.67           | Right Cheek   | 1:2.07     | 0.179  | 32.1   |         |
| 836.6               | 190  | GSM 850     |          | A     | 24.67           | Right Tilt    | 1:2.07     | 0.093  | 35.0   |         |
| 836.6               | 190  | GSM 850     |          | E     | 18.97           | Left Cheek    | 1:2.07     | 0.274  | 24.6   |         |
| 836.6               | 190  | GSM 850     | GPRS 4Tx | E     | 18.97           | Left Tilt     | 1:2.07     | 0.085  | 29.7   | 22.3    |
| 836.6               | 190  | GSM 850     |          | E     | 18.97           | Right Cheek   | 1:2.07     | 0.466  | 22.3   |         |
| 836.6               | 190  | GSM 850     |          | E     | 18.97           | Right Tilt    | 1:2.07     | 0.148  | 27.3   |         |
| 1 850               | 512  | GSM 1900    |          | B     | 21.79           | Left Cheek    | 1:2.07     | 0.045  | 35.3   |         |
| 1 850               | 512  | GSM 1900    | B        | 21.79 | Left Tilt       | 1:2.07        | 0.027      | 37.5   |        |         |
| 1 850               | 512  | GSM 1900    | B        | 21.79 | Right Cheek     | 1:2.07        | 0.036      | 36.2   |        |         |
| 1 850               | 512  | GSM 1900    | B        | 21.79 | Right Tilt      | 1:2.07        | 0.014      | 40.3   |        |         |
| 836.6               | 4183 | UMTS Band 5 | RMC      | A     | 23.23           | Left Cheek    | 1:1        | 0.062  | 35.3   | 32.5    |
| 836.6               | 4183 | UMTS Band 5 | RMC      | A     | 23.23           | Left Tilt     | 1:1        | 0.036  | 37.7   |         |
| 836.6               | 4183 | UMTS Band 5 | RMC      | A     | 23.23           | Right Cheek   | 1:1        | 0.117  | 32.5   |         |
| 836.6               | 4183 | UMTS Band 5 | RMC      | A     | 23.23           | Right Tilt    | 1:1        | 0.044  | 36.8   |         |
| 836.6               | 4183 | UMTS Band 5 | RMC      | E     | 18.58           | Left Cheek    | 1:1        | 0.242  | 24.7   | 21.6    |
| 836.6               | 4183 | UMTS Band 5 | RMC      | E     | 18.58           | Left Tilt     | 1:1        | 0.092  | 28.9   |         |
| 836.6               | 4183 | UMTS Band 5 | RMC      | E     | 18.58           | Right Cheek   | 1:1        | 0.5    | 21.6   |         |
| 836.6               | 4183 | UMTS Band 5 | RMC      | E     | 18.58           | Right Tilt    | 1:1        | 0.167  | 26.4   |         |
| 1 732.4             | 1412 | UMTS Band 4 | RMC      | B     | 23.06           | Left Cheek    | 1:1        | 0.035  | 37.6   | 37.6    |
| 1 732.4             | 1412 | UMTS Band 4 | RMC      | B     | 23.06           | Left Tilt     | 1:1        | 0.011  | 42.6   |         |
| 1 732.4             | 1412 | UMTS Band 4 | RMC      | B     | 23.06           | Right Cheek   | 1:1        | 0.015  | 41.3   |         |
| 1 732.4             | 1412 | UMTS Band 4 | RMC      | B     | 23.06           | Right Tilt    | 1:1        | 0      | -      |         |
| 1 732.4             | 1412 | UMTS Band 4 | RMC      | I     | 18.44           | Left Cheek    | 1:1        | 0.45   | 21.9   | 21.9    |
| 1 732.4             | 1412 | UMTS Band 4 | RMC      | I     | 18.44           | Left Tilt     | 1:1        | 0.107  | 28.1   |         |
| 1 732.4             | 1412 | UMTS Band 4 | RMC      | I     | 18.44           | Right Cheek   | 1:1        | 0.105  | 28.2   |         |
| 1 732.4             | 1412 | UMTS Band 4 | RMC      | I     | 18.44           | Right Tilt    | 1:1        | 0.034  | 33.1   |         |
| 1 880               | 9400 | UMTS Band 2 | RMC      | B     | 23.22           | Left Cheek    | 1:1        | 0.072  | 34.6   | 34.6    |
| 1 880               | 9400 | UMTS Band 2 | RMC      | B     | 23.22           | Left Tilt     | 1:1        | 0.042  | 37.0   |         |
| 1 880               | 9400 | UMTS Band 2 | RMC      | B     | 23.22           | Right Cheek   | 1:1        | 0.048  | 36.4   |         |
| 1 880               | 9400 | UMTS Band 2 | RMC      | B     | 23.22           | Right Tilt    | 1:1        | 0.021  | 40.0   |         |
| 1 880               | 9400 | UMTS Band 2 | RMC      | I     | 17.76           | Left Cheek    | 1:1        | 0.266  | 23.5   | 23.5    |
| 1 880               | 9400 | UMTS Band 2 | RMC      | I     | 17.76           | Left Tilt     | 1:1        | 0.059  | 30.1   |         |
| 1 880               | 9400 | UMTS Band 2 | RMC      | I     | 17.76           | Right Cheek   | 1:1        | 0.063  | 29.8   |         |
| 1 880               | 9400 | UMTS Band 2 | RMC      | I     | 17.76           | Right Tilt    | 1:1        | 0.031  | 32.8   |         |

Table A-2 RSI = 1 *PLimit* Calculations – 4G Head SAR

| MEASUREMENT RESULTS |       |             |      |            |                                 |               |      |         |           |            |               |             |                |
|---------------------|-------|-------------|------|------------|---------------------------------|---------------|------|---------|-----------|------------|---------------|-------------|----------------|
| Frequency           |       | Mode        | Ant. | Band width | Frame Averaged Conducte d Power | Test Position | MPR  | RB Size | RB offset | Duty Cycle | Meas. SAR(1g) | Plimit      | Minimum Plimit |
|                     |       |             |      | (dBm)      | (dBm)                           |               | (dB) |         |           |            | (W/kg)        | (dBm)       | (dBm)          |
| MHz                 | Ch.   |             |      |            |                                 |               |      |         |           |            |               |             |                |
| 2 535               | 21100 | LTE Band 7  | B    | 20         | 25.16                           | Left Cheek    | 0    | 1       | 0         | 1:1        | 0.048         | <b>38.3</b> | 38.3           |
| 2 535               | 21100 | LTE Band 7  | B    | 20         | 25.16                           | Left Tilt     | 0    | 1       | 0         | 1:1        | 0.018         | 42.6        |                |
| 2 535               | 21100 | LTE Band 7  | B    | 20         | 25.16                           | Right Cheek   | 0    | 1       | 0         | 1:1        | 0.041         | 39.0        |                |
| 2 535               | 21100 | LTE Band 7  | B    | 20         | 25.16                           | Right Tilt    | 0    | 1       | 0         | 1:1        | 0.024         | 41.4        |                |
| 2 535               | 21100 | LTE Band 7  | I    | 20         | 16.71                           | Left Cheek    | 0    | 1       | 49        | 1:1        | 0.654         | <b>18.6</b> | 18.6           |
| 2 535               | 21100 | LTE Band 7  | I    | 20         | 16.71                           | Left Tilt     | 0    | 1       | 49        | 1:1        | 0.153         | 24.9        |                |
| 2 535               | 21100 | LTE Band 7  | I    | 20         | 16.71                           | Right Cheek   | 0    | 1       | 49        | 1:1        | 0.192         | 23.9        |                |
| 2 535               | 21100 | LTE Band 7  | I    | 20         | 16.71                           | Right Tilt    | 0    | 1       | 49        | 1:1        | 0.060         | 28.9        |                |
| 707.5               | 23095 | LTE Band 12 | A    | 10         | 24.84                           | Left Cheek    | 0    | 1       | 24        | 1:1        | 0.15          | 33.1        | 32.0           |
| 707.5               | 23095 | LTE Band 12 | A    | 10         | 24.84                           | Left Tilt     | 0    | 1       | 24        | 1:1        | 0.093         | 35.2        |                |
| 707.5               | 23095 | LTE Band 12 | A    | 10         | 24.84                           | Right Cheek   | 0    | 1       | 24        | 1:1        | 0.192         | <b>32.0</b> |                |
| 707.5               | 23095 | LTE Band 12 | A    | 10         | 24.84                           | Right Tilt    | 0    | 1       | 24        | 1:1        | 0.103         | 34.7        |                |
| 707.5               | 23095 | LTE Band 12 | E    | 10         | 18.45                           | Left Cheek    | 0    | 1       | 0         | 1:1        | 0.063         | 30.5        | 26.7           |
| 707.5               | 23095 | LTE Band 12 | E    | 10         | 18.45                           | Left Tilt     | 0    | 1       | 0         | 1:1        | 0.065         | 30.3        |                |
| 707.5               | 23095 | LTE Band 12 | E    | 10         | 18.45                           | Right Cheek   | 0    | 1       | 0         | 1:1        | 0.149         | <b>26.7</b> |                |
| 707.5               | 23095 | LTE Band 12 | E    | 10         | 18.45                           | Right Tilt    | 0    | 1       | 0         | 1:1        | 0.041         | 32.3        |                |
| 782                 | 23230 | LTE Band 13 | A    | 10         | 24.48                           | Left Cheek    | 0    | 1       | 24        | 1:1        | 0.167         | 32.3        | 30.3           |
| 782                 | 23230 | LTE Band 13 | A    | 10         | 24.48                           | Left Tilt     | 0    | 1       | 24        | 1:1        | 0.113         | 33.9        |                |
| 782                 | 23230 | LTE Band 13 | A    | 10         | 24.48                           | Right Cheek   | 0    | 1       | 24        | 1:1        | 0.262         | <b>30.3</b> |                |
| 782                 | 23230 | LTE Band 13 | A    | 10         | 24.48                           | Right Tilt    | 0    | 1       | 24        | 1:1        | 0.133         | 33.2        |                |
| 782                 | 23230 | LTE Band 13 | E    | 10         | 17.82                           | Left Cheek    | 0    | 1       | 24        | 1:1        | 0.154         | 25.9        | 21.8           |
| 782                 | 23230 | LTE Band 13 | E    | 10         | 17.82                           | Left Tilt     | 0    | 1       | 24        | 1:1        | 0.069         | 29.4        |                |
| 782                 | 23230 | LTE Band 13 | E    | 10         | 17.82                           | Right Cheek   | 0    | 1       | 24        | 1:1        | 0.397         | <b>21.8</b> |                |
| 782                 | 23230 | LTE Band 13 | E    | 10         | 17.82                           | Right Tilt    | 0    | 1       | 24        | 1:1        | 0.138         | 26.4        |                |
| 793                 | 23330 | LTE Band 14 | A    | 10         | 24.48                           | Left Cheek    | 0    | 1       | 0         | 1:1        | 0.159         | 32.5        | 30.2           |
| 793                 | 23330 | LTE Band 14 | A    | 10         | 24.48                           | Left Tilt     | 0    | 1       | 0         | 1:1        | 0.111         | 34.0        |                |
| 793                 | 23330 | LTE Band 14 | A    | 10         | 24.48                           | Right Cheek   | 0    | 1       | 0         | 1:1        | 0.265         | <b>30.2</b> |                |
| 793                 | 23330 | LTE Band 14 | A    | 10         | 24.48                           | Right Tilt    | 0    | 1       | 0         | 1:1        | 0.090         | 34.9        |                |
| 793                 | 23330 | LTE Band 14 | E    | 10         | 17.68                           | Left Cheek    | 0    | 1       | 0         | 1:1        | 0.138         | 26.3        | 22.5           |
| 793                 | 23330 | LTE Band 14 | E    | 10         | 17.68                           | Left Tilt     | 0    | 1       | 0         | 1:1        | 0.052         | 30.5        |                |
| 793                 | 23330 | LTE Band 14 | E    | 10         | 17.68                           | Right Cheek   | 0    | 1       | 0         | 1:1        | 0.331         | <b>22.5</b> |                |
| 793                 | 23330 | LTE Band 14 | E    | 10         | 17.68                           | Right Tilt    | 0    | 1       | 0         | 1:1        | 0.103         | 27.6        |                |
| 1 882.5             | 26365 | LTE Band 25 | B    | 20         | 25.57                           | Left Cheek    | 0    | 1       | 99        | 1:1        | 0.087         | <b>36.2</b> | 36.2           |
| 1 882.5             | 26365 | LTE Band 25 | B    | 20         | 25.57                           | Left Tilt     | 0    | 1       | 99        | 1:1        | 0.054         | 38.2        |                |
| 1 882.5             | 26365 | LTE Band 25 | B    | 20         | 25.57                           | Right Cheek   | 0    | 1       | 99        | 1:1        | 0.064         | 37.5        |                |
| 1 882.5             | 26365 | LTE Band 25 | B    | 20         | 25.57                           | Right Tilt    | 0    | 1       | 99        | 1:1        | 0.042         | 39.3        |                |
| 1 860               | 26140 | LTE Band 25 | I    | 20         | 17.83                           | Left Cheek    | 0    | 1       | 99        | 1:1        | 0.224         | <b>24.3</b> | 24.3           |
| 1 860               | 26140 | LTE Band 25 | I    | 20         | 17.83                           | Left Tilt     | 0    | 1       | 99        | 1:1        | 0.025         | 33.9        |                |
| 1 860               | 26140 | LTE Band 25 | I    | 20         | 17.83                           | Right Cheek   | 0    | 1       | 99        | 1:1        | 0.055         | 30.4        |                |
| 1 860               | 26140 | LTE Band 25 | I    | 20         | 17.83                           | Right Tilt    | 0    | 1       | 99        | 1:1        | 0.029         | 33.2        |                |

| MEASUREMENT RESULTS |       |             |      |            |                                |               |      |         |           |            |               |             |                |
|---------------------|-------|-------------|------|------------|--------------------------------|---------------|------|---------|-----------|------------|---------------|-------------|----------------|
| Frequency           |       | Mode        | Ant. | Band width | Frame Averaged Conducted Power | Test Position | MPR  | RB Size | RB offset | Duty Cycle | Meas. SAR(1g) | Plimit      | Minimum Plimit |
| MHz                 | Ch.   |             |      | (dBm)      | (dBm)                          |               | (dB) |         |           |            | (W/kg)        | (dBm)       | (dBm)          |
| 831.5               | 26865 | LTE Band 26 | A    | 15         | 24.60                          | Left Cheek    | 0    | 1       | 0         | 1:1        | 0.175         | 32.2        | 30.6           |
| 831.5               | 26865 | LTE Band 26 | A    | 15         | 24.60                          | Left Tilt     | 0    | 1       | 0         | 1:1        | 0.114         | 34.0        |                |
| 831.5               | 26865 | LTE Band 26 | A    | 15         | 24.60                          | Right Cheek   | 0    | 1       | 0         | 1:1        | 0.254         | <b>30.6</b> |                |
| 831.5               | 26865 | LTE Band 26 | A    | 15         | 24.60                          | Right Tilt    | 0    | 1       | 0         | 1:1        | 0.051         | 37.5        |                |
| 831.5               | 26865 | LTE Band 26 | E    | 15         | 18.85                          | Left Cheek    | 0    | 1       | 0         | 1:1        | 0.161         | 26.8        | 23.6           |
| 831.5               | 26865 | LTE Band 26 | E    | 15         | 18.85                          | Left Tilt     | 0    | 1       | 0         | 1:1        | 0.69          | 30.5        |                |
| 831.5               | 26865 | LTE Band 26 | E    | 15         | 18.85                          | Right Cheek   | 0    | 1       | 0         | 1:1        | 0.335         | 23.6        |                |
| 831.5               | 26865 | LTE Band 26 | E    | 15         | 18.85                          | Right Tilt    | 0    | 1       | 0         | 1:1        | 0.111         | 28.4        |                |
| 2 310               | 27710 | LTE Band 30 | B    | 10         | 24.98                          | Left Cheek    | 0    | 1       | 0         | 1:1        | 0.038         | 39.2        | 37.9           |
| 2 310               | 27710 | LTE Band 30 | B    | 10         | 24.98                          | Left Tilt     | 0    | 1       | 0         | 1:1        | 0.008         | 45.9        |                |
| 2 310               | 27710 | LTE Band 30 | B    | 10         | 24.98                          | Right Cheek   | 0    | 1       | 0         | 1:1        | 0.051         | <b>37.9</b> |                |
| 2 310               | 27710 | LTE Band 30 | B    | 10         | 24.98                          | Right Tilt    | 0    | 1       | 0         | 1:1        | 0.025         | 41.0        |                |
| 2 310               | 27710 | LTE Band 30 | I    | 10         | 16.12                          | Left Cheek    | 0    | 1       | 0         | 1:1        | 0.783         | <b>17.2</b> | 17.2           |
| 2 310               | 27710 | LTE Band 30 | I    | 10         | 16.12                          | Left Tilt     | 0    | 1       | 0         | 1:1        | 0.128         | 25.0        |                |
| 2 310               | 27710 | LTE Band 30 | I    | 10         | 16.12                          | Right Cheek   | 0    | 1       | 0         | 1:1        | 0.174         | 23.7        |                |
| 2 310               | 27710 | LTE Band 30 | I    | 10         | 16.12                          | Right Tilt    | 0    | 1       | 0         | 1:1        | 0.046         | 29.5        |                |

| MEASUREMENT RESULTS |        |                 |      |            |                                |               |      |         |           |            |               |        |                |
|---------------------|--------|-----------------|------|------------|--------------------------------|---------------|------|---------|-----------|------------|---------------|--------|----------------|
| Frequency           |        | Mode            | Ant. | Band width | Frame Averaged Conducted Power | Test Position | MPR  | RB Size | RB offset | Duty Cycle | Meas. SAR(1g) | Plimit | Minimum Plimit |
| MHz                 | Ch.    |                 |      | (dBm)      | (dBm)                          |               | (dB) |         |           |            | (W/kg)        | (dBm)  | (dBm)          |
| 2 506               | 39750  | LTE Band41(PC3) | B    | 20         | 22.14                          | Left Cheek    | 0    | 1       | 99        | 1:1.58     | 0.000         | -      | 33.1           |
| 2 506               | 39750  | LTE Band41(PC3) | B    | 20         | 22.14                          | Left Tilt     | 0    | 1       | 99        | 1:1.58     | 0.001         | 52.1   |                |
| 2 506               | 39750  | LTE Band41(PC3) | B    | 20         | 22.14                          | Right Cheek   | 0    | 1       | 99        | 1:1.58     | 0.019         | 39.4   |                |
| 2 506               | 39750  | LTE Band41(PC3) | B    | 20         | 22.14                          | Right Tilt    | 0    | 1       | 99        | 1:1.58     | 0.080         | 33.1   |                |
| 2 549.5             | 40185  | LTE Band41(PC3) | I    | 20         | 15.52                          | Left Cheek    | 0    | 1       | 0         | 1:1.58     | 0.483         | 18.7   | 18.7           |
| 2 549.5             | 40185  | LTE Band41(PC3) | I    | 20         | 15.52                          | Left Tilt     | 0    | 1       | 0         | 1:1.58     | 0.096         | 25.7   |                |
| 2 549.5             | 40185  | LTE Band41(PC3) | I    | 20         | 15.52                          | Right Cheek   | 0    | 1       | 0         | 1:1.58     | 0.121         | 24.7   |                |
| 2 549.5             | 40185  | LTE Band41(PC3) | I    | 20         | 15.52                          | Right Tilt    | 0    | 1       | 0         | 1:1.58     | 0.035         | 30.1   |                |
| 3 690               | 56640  | LTE Band 48     | F    | 20         | 13.09                          | Left Cheek    | 0    | 1       | 0         | 1:1.58     | 0.086         | 23.7   | 17.6           |
| 3 690               | 56640  | LTE Band 48     | F    | 20         | 13.09                          | Left Tilt     | 0    | 1       | 0         | 1:1.58     | 0.088         | 23.6   |                |
| 3 690               | 56640  | LTE Band 48     | F    | 20         | 13.09                          | Right Cheek   | 0    | 1       | 0         | 1:1.58     | 0.353         | 17.6   |                |
| 3 690               | 56640  | LTE Band 48     | F    | 20         | 13.09                          | Right Tilt    | 0    | 1       | 0         | 1:1.58     | 0.273         | 18.7   |                |
| 1 720               | 132072 | LTE Band 66     | B    | 20         | 25.19                          | Left Cheek    | 0    | 1       | 99        | 1:1        | 0.028         | 40.7   | 38.1           |
| 1 720               | 132072 | LTE Band 66     | B    | 20         | 25.19                          | Left Tilt     | 0    | 1       | 99        | 1:1        | 0.020         | 42.2   |                |
| 1 720               | 132072 | LTE Band 66     | B    | 20         | 25.19                          | Right Cheek   | 0    | 1       | 99        | 1:1        | 0.051         | 38.1   |                |
| 1 720               | 132072 | LTE Band 66     | B    | 20         | 25.19                          | Right Tilt    | 0    | 1       | 99        | 1:1        | 0.040         | 39.2   |                |
| 1 770               | 132572 | LTE Band 66     | I    | 20         | 18.45                          | Left Cheek    | 0    | 1       | 99        | 1:1        | 0.294         | 23.8   | 23.8           |
| 1 770               | 132572 | LTE Band 66     | I    | 20         | 18.45                          | Left Tilt     | 0    | 1       | 99        | 1:1        | 0.063         | 30.5   |                |
| 1 770               | 132572 | LTE Band 66     | I    | 20         | 18.45                          | Right Cheek   | 0    | 1       | 99        | 1:1        | 0.051         | 31.4   |                |
| 1 770               | 132572 | LTE Band 66     | I    | 20         | 18.45                          | Right Tilt    | 0    | 1       | 99        | 1:1        | 0.058         | 30.8   |                |
| 680.5               | 133297 | LTE Band 71     | A    | 20         | 24.78                          | Left Cheek    | 0    | 1       | 0         | 1:1        | 0.173         | 32.4   | 31.1           |
| 680.5               | 133297 | LTE Band 71     | A    | 20         | 24.78                          | Left Tilt     | 0    | 1       | 0         | 1:1        | 0.093         | 35.1   |                |
| 680.5               | 133297 | LTE Band 71     | A    | 20         | 24.78                          | Right Cheek   | 0    | 1       | 0         | 1:1        | 0.233         | 31.1   |                |
| 680.5               | 133297 | LTE Band 71     | A    | 20         | 24.78                          | Right Tilt    | 0    | 1       | 0         | 1:1        | 0.109         | 34.4   |                |
| 680.5               | 133297 | LTE Band 71     | E    | 20         | 18.88                          | Left Cheek    | 0    | 1       | 49        | 1:1        | 0.159         | 26.9   | 23.0           |
| 680.5               | 133297 | LTE Band 71     | E    | 20         | 18.88                          | Left Tilt     | 0    | 1       | 49        | 1:1        | 0.077         | 30.0   |                |
| 680.5               | 133297 | LTE Band 71     | E    | 20         | 18.88                          | Right Cheek   | 0    | 1       | 49        | 1:1        | 0.384         | 23.0   |                |
| 680.5               | 133297 | LTE Band 71     | E    | 20         | 18.88                          | Right Tilt    | 0    | 1       | 49        | 1:1        | 0.133         | 27.6   |                |

**Table A.3 P<sub>SI</sub> = 1 P<sub>Limit</sub> Calculations – NR Head SAR**

For some Bands/modes, a lower *P<sub>Limit</sub>* was selected as a more conservative evaluation.

NR TDD Bands: In the case of the NR TDD bands, the *P<sub>Limit</sub>* were calculated as the Frame average power to which the duty factor was applied to the burst power.

SAR measurements of all NR bands were measured in FTM Mode.

| MEASUREMENT RESULTS |        |             |      |            |                                |                     |                 |      |         |           |            |                |        |                |
|---------------------|--------|-------------|------|------------|--------------------------------|---------------------|-----------------|------|---------|-----------|------------|----------------|--------|----------------|
| Frequency           |        | Mode        | Ant. | Band width | Frame Averaged Conducted Power | Test Configurations |                 | MPR  | RB Size | RB offset | Duty Cycle | Meas. SAR (1g) | Plimit | Minimum Plimit |
| MHz                 | Ch.    |             |      | (dBm)      | (dBm)                          |                     |                 | (dB) | (W/kg)  | (dBm)     | (dBm)      |                |        |                |
| 2 535               | 507000 | NR Band n7  | B    | 40         | 24.91                          | Left Cheek          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.050          | 37.9   | 37.9           |
| 2 535               | 507000 | NR Band n7  | B    | 40         | 24.91                          | Left Tilt           | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.015          | 43.1   |                |
| 2 535               | 507000 | NR Band n7  | B    | 40         | 24.91                          | Right Cheek         | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.044          | 38.5   |                |
| 2 535               | 507000 | NR Band n7  | B    | 40         | 24.91                          | Right Tilt          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.026          | 40.8   |                |
| 2 535               | 507000 | NR Band n7  | I    | 40         | 18.01                          | Left Cheek          | DFT-s-OFDM QPSK | 0    | 1       | 108       | 1:1        | 0.314          | 23.0   | 18.6           |
| 2 535               | 507000 | NR Band n7  | I    | 40         | 18.01                          | Left Tilt           | DFT-s-OFDM QPSK | 0    | 1       | 108       | 1:1        | 0.317          | 23.0   |                |
| 2 535               | 507000 | NR Band n7  | I    | 40         | 18.01                          | Right Cheek         | DFT-s-OFDM QPSK | 0    | 1       | 108       | 1:1        | 0.883          | 18.6   |                |
| 2 535               | 507000 | NR Band n7  | I    | 40         | 18.01                          | Right Tilt          | DFT-s-OFDM QPSK | 0    | 1       | 108       | 1:1        | 0.087          | 28.6   |                |
| 707.5               | 141500 | NR Band n12 | A    | 15         | 24.12                          | Left Cheek          | DFT-s-OFDM QPSK | 0    | 1       | 77        | 1:1        | 0.152          | 32.3   | 32.9           |
| 707.5               | 141500 | NR Band n12 | A    | 15         | 24.12                          | Left Tilt           | DFT-s-OFDM QPSK | 0    | 1       | 77        | 1:1        | 0.117          | 33.5   |                |
| 707.5               | 141500 | NR Band n12 | A    | 15         | 24.12                          | Right Cheek         | DFT-s-OFDM QPSK | 0    | 1       | 77        | 1:1        | 0.158          | 32.2   |                |
| 707.5               | 141500 | NR Band n12 | A    | 15         | 24.12                          | Right Tilt          | DFT-s-OFDM QPSK | 0    | 1       | 77        | 1:1        | 0.087          | 34.7   |                |
| 707.5               | 141500 | NR Band n12 | E    | 15         | 18.54                          | Left Cheek          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.04           | 32.5   | 28.0           |
| 707.5               | 141500 | NR Band n12 | E    | 15         | 18.54                          | Left Tilt           | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.017          | 36.2   |                |
| 707.5               | 141500 | NR Band n12 | E    | 15         | 18.54                          | Right Cheek         | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.114          | 28.0   |                |
| 707.5               | 141500 | NR Band n12 | E    | 15         | 18.54                          | Right Tilt          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.032          | 33.5   |                |
| 7 93                | 158600 | NR Band n14 | A    | 10         | 24.37                          | Left Cheek          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.139          | 32.9   | 30.9           |
| 7 93                | 158600 | NR Band n14 | A    | 10         | 24.37                          | Left Tilt           | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.111          | 33.9   |                |
| 7 93                | 158600 | NR Band n14 | A    | 10         | 24.37                          | Right Cheek         | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.224          | 30.9   |                |
| 7 93                | 158600 | NR Band n14 | A    | 10         | 24.37                          | Right Tilt          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.122          | 33.5   |                |
| 7 93                | 158600 | NR Band n14 | E    | 10         | 17.98                          | Left Cheek          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.166          | 25.8   | 22.6           |
| 7 93                | 158600 | NR Band n14 | E    | 10         | 17.98                          | Left Tilt           | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.072          | 29.4   |                |
| 7 93                | 158600 | NR Band n14 | E    | 10         | 17.98                          | Right Cheek         | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.342          | 22.6   |                |
| 7 93                | 158600 | NR Band n14 | E    | 10         | 17.98                          | Right Tilt          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.132          | 26.8   |                |
| 1 882.5             | 376500 | NR Band n25 | B    | 40         | 25.21                          | Left Cheek          | DFT-s-OFDM QPSK | 0    | 1       | 108       | 1:1        | 0.114          | 34.6   | 34.6           |
| 1 882.5             | 376500 | NR Band n25 | B    | 40         | 25.21                          | Left Tilt           | DFT-s-OFDM QPSK | 0    | 1       | 108       | 1:1        | 0.059          | 37.5   |                |
| 1 882.5             | 376500 | NR Band n25 | B    | 40         | 25.21                          | Right Cheek         | DFT-s-OFDM QPSK | 0    | 1       | 108       | 1:1        | 0.091          | 35.6   |                |
| 1 882.5             | 376500 | NR Band n25 | B    | 40         | 25.21                          | Right Tilt          | DFT-s-OFDM QPSK | 0    | 1       | 108       | 1:1        | 0.060          | 37.4   |                |
| 1 882.5             | 376500 | NR Band n25 | I    | 40         | 17.49                          | Left Cheek          | DFT-s-OFDM QPSK | 0    | 1       | 108       | 1:1        | 0.211          | 24.2   | 24.2           |
| 1 882.5             | 376500 | NR Band n25 | I    | 40         | 17.49                          | Left Tilt           | DFT-s-OFDM QPSK | 0    | 1       | 108       | 1:1        | 0.028          | 33.0   |                |
| 1 882.5             | 376500 | NR Band n25 | I    | 40         | 17.49                          | Right Cheek         | DFT-s-OFDM QPSK | 0    | 1       | 108       | 1:1        | 0.060          | 29.7   |                |
| 1 882.5             | 376500 | NR Band n25 | I    | 40         | 17.49                          | Right Tilt          | DFT-s-OFDM QPSK | 0    | 1       | 108       | 1:1        | 0.030          | 32.7   |                |
| 831.5               | 166300 | NR Band n26 | A    | 20         | 24.61                          | Left Cheek          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.168          | 32.4   | 30.5           |
| 831.5               | 166300 | NR Band n26 | A    | 20         | 24.61                          | Left Tilt           | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.031          | 39.7   |                |
| 831.5               | 166300 | NR Band n26 | A    | 20         | 24.61                          | Right Cheek         | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.257          | 30.5   |                |
| 831.5               | 166300 | NR Band n26 | A    | 20         | 24.61                          | Right Tilt          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.057          | 37.1   |                |

### MEASUREMENT RESULTS

| Frequency |        | Mode        | Ant. | Band width | Frame Averaged Conducted Power | Test Configurations |                 | MPR  | RB Size | RB offset | Duty Cycle | Meas. SAR (1g) | Plimit | Minimum Plimit |
|-----------|--------|-------------|------|------------|--------------------------------|---------------------|-----------------|------|---------|-----------|------------|----------------|--------|----------------|
| MHz       | Ch.    |             |      | (dBm)      | (dBm)                          |                     |                 | (dB) |         |           |            | (W/kg)         | (dBm)  | (dBm)          |
| 831.5     | 166300 | NR Band n26 | E    | 20         | 18.99                          | Left Cheek          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.213          | 25.7   | 22.7           |
| 831.5     | 166300 | NR Band n26 | E    | 20         | 18.99                          | Left Tilt           | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.082          | 29.9   |                |
| 831.5     | 166300 | NR Band n26 | E    | 20         | 18.99                          | Right Cheek         | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.426          | 22.7   |                |
| 831.5     | 166300 | NR Band n26 | E    | 20         | 18.99                          | Right Tilt          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.107          | 28.7   |                |
| 2 310     | 462000 | NR Band n30 | B    | 10         | 23.93                          | Left Cheek          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.035          | 38.5   | 38.5           |
| 2 310     | 462000 | NR Band n30 | B    | 10         | 23.93                          | Left Tilt           | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.011          | 43.5   |                |
| 2 310     | 462000 | NR Band n30 | B    | 10         | 23.93                          | Right Cheek         | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.025          | 40.0   |                |
| 2 310     | 462000 | NR Band n30 | B    | 10         | 23.93                          | Right Tilt          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.026          | 39.8   |                |
| 2 310     | 462000 | NR Band n30 | I    | 10         | 16.16                          | Left Cheek          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.609          | 18.3   | 18.3           |
| 2 310     | 462000 | NR Band n30 | I    | 10         | 16.16                          | Left Tilt           | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.141          | 24.7   |                |
| 2 310     | 462000 | NR Band n30 | I    | 10         | 16.16                          | Right Cheek         | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.153          | 24.3   |                |
| 2 310     | 462000 | NR Band n30 | I    | 10         | 16.16                          | Right Tilt          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.044          | 29.7   |                |

| MEASUREMENT RESULTS |        |                  |      |            |                                |                     |                 |      |         |           |            |                |        |                |
|---------------------|--------|------------------|------|------------|--------------------------------|---------------------|-----------------|------|---------|-----------|------------|----------------|--------|----------------|
| Frequency           |        | Mode             | Ant. | Band width | Frame Averaged Conducted Power | Test Configurations |                 | MPR  | RB Size | RB offset | Duty Cycle | Meas. SAR (1g) | Plimit | Minimum Plimit |
| Mhz                 | Ch.    |                  |      | (dBm)      | (dBm)                          |                     |                 | (dB) |         |           |            | (W/kg)         | (dBm)  | (dBm)          |
| 2 595               | 519000 | NR Band n38      | I    | 40         | 15.08                          | Left Cheek          | DFT-s-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.677          | 16.8   | 16.8           |
| 2 595               | 519000 | NR Band n38      | I    | 40         | 15.08                          | Left Tilt           | DFT-s-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.149          | 23.3   |                |
| 2 595               | 519000 | NR Band n38      | I    | 40         | 15.08                          | Right Cheek         | DFT-s-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.140          | 23.6   |                |
| 2 595               | 519000 | NR Band n38      | I    | 40         | 15.08                          | Right Tilt          | DFT-s-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.049          | 28.2   |                |
| 2 592.99            | 518598 | NR Band n41      | B    | 100        | 23.86                          | Left Cheek          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.040          | 37.8   | 37.8           |
| 2 592.99            | 518598 | NR Band n41      | B    | 100        | 23.86                          | Left Tilt           | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.015          | 42.1   |                |
| 2 592.99            | 518598 | NR Band n41      | B    | 100        | 23.86                          | Right Cheek         | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.025          | 39.9   |                |
| 2 592.99            | 518598 | NR Band n41      | B    | 100        | 23.86                          | Right Tilt          | DFT-s-OFDM QPSK | 0    | 1       | 1         | 1:1        | 0.025          | 39.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | I    | 100        | 14.97                          | Left Cheek          | DFT-S-OFDM QPSK | 0    | 1       | 137       | 1:1        | 0.639          | 16.9   | 16.9           |
| 2 592.99            | 518598 | NR Band n41 SRS1 | I    | 100        | 14.97                          | Left Tilt           | DFT-S-OFDM QPSK | 0    | 1       | 137       | 1:1        | 0.094          | 25.2   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | I    | 100        | 14.97                          | Right Cheek         | DFT-S-OFDM QPSK | 0    | 1       | 137       | 1:1        | 0.178          | 22.5   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | I    | 100        | 14.97                          | Right Tilt          | DFT-S-OFDM QPSK | 0    | 1       | 137       | 1:1        | 0.041          | 28.8   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | C    | 100        | 24.43                          | Left Cheek          | DFT-S-OFDM QPSK | 0    | 1       | 137       | 1:1        | 0.202          | 31.4   | 31.4           |
| 2 592.99            | 518598 | NR Band n41 SRS2 | C    | 100        | 24.43                          | Left Tilt           | DFT-S-OFDM QPSK | 0    | 1       | 137       | 1:1        | 0.056          | 36.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | C    | 100        | 24.43                          | Right Cheek         | DFT-S-OFDM QPSK | 0    | 1       | 137       | 1:1        | 0.056          | 36.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | C    | 100        | 24.43                          | Right Tilt          | DFT-S-OFDM QPSK | 0    | 1       | 137       | 1:1        | 0.116          | 33.8   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | G    | 100        | 18.49                          | Left Cheek          | DFT-S-OFDM QPSK | 0    | 1       | 137       | 1:1        | 0.257          | 24.4   | 20.6           |
| 2 592.99            | 518598 | NR Band n41 SRS3 | G    | 100        | 18.49                          | Left Tilt           | DFT-S-OFDM QPSK | 0    | 1       | 137       | 1:1        | 0.046          | 31.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | G    | 100        | 18.49                          | Right Cheek         | DFT-S-OFDM QPSK | 0    | 1       | 137       | 1:1        | 0.511          | 21.4   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | G    | 100        | 18.49                          | Right Tilt          | DFT-S-OFDM QPSK | 0    | 1       | 137       | 1:1        | 0.613          | 20.6   |                |
| 3 679.98            | 645332 | NR Band 48       | F    | 40         | 13.47                          | Left Cheek          | DFT-s-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.059          | 25.8   | 18.7           |
| 3 679.98            | 645332 | NR Band 48       | F    | 40         | 13.47                          | Left Tilt           | DFT-s-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.069          | 25.1   |                |
| 3 679.98            | 645332 | NR Band 48       | F    | 40         | 13.47                          | Right Cheek         | DFT-s-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.298          | 18.7   |                |
| 3 679.98            | 645332 | NR Band 48       | F    | 40         | 13.47                          | Right Tilt          | DFT-s-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.235          | 19.8   |                |
| 3 569.99            | 638000 | NR Band 48 SRS2  | I    | 40         | 13.90                          | Left Cheek          | DFT-S-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.361          | 18.3   | 18.3           |
| 3 569.99            | 638000 | NR Band 48 SRS2  | I    | 40         | 13.90                          | Left Tilt           | DFT-S-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.033          | 28.7   |                |
| 3 569.99            | 638000 | NR Band 48 SRS2  | I    | 40         | 13.90                          | Right Cheek         | DFT-S-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.309          | 19.0   |                |
| 3 569.99            | 638000 | NR Band 48 SRS2  | I    | 40         | 13.90                          | Right Tilt          | DFT-S-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.008          | 34.9   |                |
| 3 569.99            | 638000 | NR Band 48 SRS3  | E    | 40         | 13.99                          | Left Cheek          | DFT-S-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.275          | 19.6   | 19.6           |
| 3 569.99            | 638000 | NR Band 48 SRS3  | E    | 40         | 13.99                          | Left Tilt           | DFT-S-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.014          | 32.5   |                |
| 3 569.99            | 638000 | NR Band 48 SRS3  | E    | 40         | 13.99                          | Right Cheek         | DFT-S-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.254          | 19.9   |                |
| 3 569.99            | 638000 | NR Band 48 SRS3  | E    | 40         | 13.99                          | Right Tilt          | DFT-S-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.035          | 28.5   |                |
| 3 569.99            | 638000 | NR Band 48 SRS4  | C    | 40         | 13.78                          | Left Cheek          | DFT-S-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.056          | 26.3   | 26.3           |
| 3 569.99            | 638000 | NR Band 48 SRS4  | C    | 40         | 13.78                          | Left Tilt           | DFT-S-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.000          | -      |                |
| 3 569.99            | 638000 | NR Band 48 SRS4  | C    | 40         | 13.78                          | Right Cheek         | DFT-S-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.025          | 29.8   |                |
| 3 569.99            | 638000 | NR Band 48 SRS4  | C    | 40         | 13.78                          | Right Tilt          | DFT-S-OFDM QPSK | 0    | 1       | 53        | 1:1        | 0.000          | -      |                |
| 1 745               | 349000 | NR Band 66       | B    | 40         | 24.95                          | Left Cheek          | DFT-s-OFDM QPSK | 0    | 1       | 108       | 1:1        | 0.058          | 37.3   | 37.1           |
| 1 745               | 349000 | NR Band 66       | B    | 40         | 24.95                          | Left Tilt           | DFT-s-OFDM QPSK | 0    | 1       | 108       | 1:1        | 0.03           | 40.2   |                |
| 1 745               | 349000 | NR Band 66       | B    | 40         | 24.95                          | Right Cheek         | DFT-s-OFDM QPSK | 0    | 1       | 108       | 1:1        | 0.061          | 37.1   |                |
| 1 745               | 349000 | NR Band 66       | B    | 40         | 24.95                          | Right Tilt          | DFT-s-OFDM QPSK | 0    | 1       | 108       | 1:1        | 0.028          | 40.5   |                |

| MEASUREMENT RESULTS |        |                    |      |            |                                 |                     |                 |       |         |           |            |                |        |                |
|---------------------|--------|--------------------|------|------------|---------------------------------|---------------------|-----------------|-------|---------|-----------|------------|----------------|--------|----------------|
| Frequency           |        | Mode               | Ant. | Band width | Frame Averaged Conducte d Power | Test Configurations |                 | MP R  | RB Size | RB offset | Duty Cycle | Meas. SAR (1g) | Plimit | Minimum Plimit |
|                     |        |                    |      | (dBm)      | (dBm)                           |                     |                 | (dB ) |         |           |            | (W/kg)         | (dBm)  | (dBm)          |
| 1 745               | 349000 | NR Band 66         | I    | 40         | 18.33                           | Left Cheek          | DFT-s-OFDM QPSK | 0     | 1       | 214       | 1:1        | 0.196          | 25.4   | 25.4           |
| 1 745               | 349000 | NR Band 66         | I    | 40         | 18.33                           | Left Tilt           | DFT-s-OFDM QPSK | 0     | 1       | 214       | 1:1        | 0.073          | 29.7   |                |
| 1 745               | 349000 | NR Band 66         | I    | 40         | 18.33                           | Right Cheek         | DFT-s-OFDM QPSK | 0     | 1       | 214       | 1:1        | 0.044          | 31.9   |                |
| 1 745               | 349000 | NR Band 66         | I    | 40         | 18.33                           | Right Tilt          | DFT-s-OFDM QPSK | 0     | 1       | 214       | 1:1        | 0.059          | 30.6   |                |
| 1 702.5             | 340500 | NR Band 70         | B    | 15         | 24.97                           | Left Cheek          | DFT-s-OFDM QPSK | 0     | 1       | 77        | 1:1        | 0.055          | 37.6   | 35.0           |
| 1 702.5             | 340500 | NR Band 70         | B    | 15         | 24.97                           | Left Tilt           | DFT-s-OFDM QPSK | 0     | 1       | 77        | 1:1        | 0.056          | 37.5   |                |
| 1 702.5             | 340500 | NR Band 70         | B    | 15         | 24.97                           | Right Cheek         | DFT-s-OFDM QPSK | 0     | 1       | 77        | 1:1        | 0.099          | 35.0   |                |
| 1 702.5             | 340500 | NR Band 70         | B    | 15         | 24.97                           | Right Tilt          | DFT-s-OFDM QPSK | 0     | 1       | 77        | 1:1        | 0.074          | 36.3   |                |
| 1 702.5             | 340500 | NR Band 70         | I    | 15         | 18.09                           | Left Cheek          | DFT-s-OFDM QPSK | 0     | 1       | 1         | 1:1        | 0.277          | 23.7   | 23.7           |
| 1 702.5             | 340500 | NR Band 70         | I    | 15         | 18.09                           | Left Tilt           | DFT-s-OFDM QPSK | 0     | 1       | 1         | 1:1        | 0.071          | 29.6   |                |
| 1 702.5             | 340500 | NR Band 70         | I    | 15         | 18.09                           | Right Cheek         | DFT-s-OFDM QPSK | 0     | 1       | 1         | 1:1        | 0.099          | 28.1   |                |
| 1 702.5             | 340500 | NR Band 70         | I    | 15         | 18.09                           | Right Tilt          | CP OFDM QPSK    | 0     | 1       | 1         | 1:1        | 0.04           | 32.1   |                |
| 680.5               | 136100 | NR Band 71         | A    | 20         | 25.27                           | Left Cheek          | DFT-s-OFDM QPSK | 0     | 1       | 53        | 1:1        | 0.141          | 33.8   | 32.9           |
| 680.5               | 136100 | NR Band 71         | A    | 20         | 25.27                           | Left Tilt           | DFT-s-OFDM QPSK | 0     | 1       | 53        | 1:1        | 0.092          | 35.6   |                |
| 680.5               | 136100 | NR Band 71         | A    | 20         | 25.27                           | Right Cheek         | DFT-s-OFDM QPSK | 0     | 1       | 53        | 1:1        | 0.171          | 32.9   |                |
| 680.5               | 136100 | NR Band 71         | A    | 20         | 25.27                           | Right Tilt          | DFT-s-OFDM QPSK | 0     | 1       | 53        | 1:1        | 0.094          | 35.5   |                |
| 680.5               | 136100 | NR Band 71         | E    | 20         | 18.44                           | Left Cheek          | DFT-s-OFDM QPSK | 0     | 1       | 1         | 1:1        | 0.191          | 25.6   | 21.8           |
| 680.5               | 136100 | NR Band 71         | E    | 20         | 18.44                           | Left Tilt           | DFT-s-OFDM QPSK | 0     | 1       | 1         | 1:1        | 0.094          | 28.7   |                |
| 680.5               | 136100 | NR Band 71         | E    | 20         | 18.44                           | Right Cheek         | DFT-s-OFDM QPSK | 0     | 1       | 1         | 1:1        | 0.466          | 21.8   |                |
| 680.5               | 136100 | NR Band 71         | E    | 20         | 18.44                           | Right Tilt          | DFT-s-OFDM QPSK | 0     | 1       | 1         | 1:1        | 0.156          | 26.5   |                |
| 3 750               | 650000 | NR Band 77         | F    | 100        | 14.46                           | Left Cheek          | DFT-s-OFDM QPSK | 0     | 1       | 1         | 1:1        | 0.169          | 22.2   | 17.3           |
| 3 750               | 650000 | NR Band 77         | F    | 100        | 14.46                           | Left Tilt           | DFT-s-OFDM QPSK | 0     | 1       | 1         | 1:1        | 0.132          | 23.3   |                |
| 3 750               | 650000 | NR Band 77         | F    | 100        | 14.46                           | Right Cheek         | DFT-s-OFDM QPSK | 0     | 1       | 1         | 1:1        | 0.523          | 17.3   |                |
| 3 750               | 650000 | NR Band 77         | F    | 100        | 14.46                           | Right Tilt          | DFT-s-OFDM QPSK | 0     | 1       | 1         | 1:1        | 0.413          | 18.3   |                |
| 3 500.01            | 633334 | NR Band 77 DoD     | F    | 100        | 14.38                           | Right Cheek         | DFT-s-OFDM QPSK | 0     | 1       | 1         | 1:1        | 0.548          | 17.0   | 17.0           |
| 3 750               | 650000 | NR Band 77 SRS2    | I    | 100        | 14.45                           | Left Cheek          | DFT-S-OFDM QPSK | 0     | 1       | 137       | 1:1        | 0.213          | 21.2   | 21.2           |
| 3 750               | 650000 | NR Band 77 SRS2    | I    | 100        | 14.45                           | Left Tilt           | DFT-S-OFDM QPSK | 0     | 1       | 137       | 1:1        | 0.022          | 31.0   |                |
| 3 750               | 650000 | NR Band 77 SRS2    | I    | 100        | 14.45                           | Right Cheek         | DFT-S-OFDM QPSK | 0     | 1       | 137       | 1:1        | 0.147          | 22.8   |                |
| 3 750               | 650000 | NR Band 77 SRS2    | I    | 100        | 14.45                           | Right Tilt          | DFT-S-OFDM QPSK | 0     | 1       | 137       | 1:1        | 0.002          | 41.4   |                |
| 3 500.01            | 633334 | NR Band 77DoD SRS2 | I    | 100        | 13.68                           | Left Cheek          | DFT-S-OFDM QPSK | 0     | 1       | 137       | 1:1        | 0.446          | 17.2   | 17.2           |
| 3 930               | 662000 | NR Band 77 SRS3    | E    | 100        | 14.44                           | Left Cheek          | DFT-S-OFDM QPSK | 0     | 1       | 137       | 1:1        | 0.115          | 23.8   | 21.2           |
| 3 930               | 662000 | NR Band 77 SRS3    | E    | 100        | 14.44                           | Left Tilt           | DFT-S-OFDM QPSK | 0     | 1       | 137       | 1:1        | 0.007          | 36.0   |                |
| 3 930               | 662000 | NR Band 77 SRS3    | E    | 100        | 14.44                           | Right Cheek         | DFT-S-OFDM QPSK | 0     | 1       | 137       | 1:1        | 0.210          | 21.2   |                |
| 3 930               | 662000 | NR Band 77 SRS3    | E    | 100        | 14.44                           | Right Tilt          | DFT-S-OFDM QPSK | 0     | 1       | 137       | 1:1        | 0.035          | 29.0   |                |
| 3 500.01            | 633334 | NR Band 77DoD SRS3 | E    | 100        | 14.01                           | Left Cheek          | DFT-S-OFDM QPSK | 0     | 1       | 137       | 1:1        | 0.183          | 21.4   | 21.4           |
| 3 750               | 650000 | NR Band 77 SRS4    | C    | 100        | 14.48                           | Left Cheek          | DFT-S-OFDM QPSK | 0     | 1       | 137       | 1:1        | 0.020          | 31.5   | 31.5           |
| 3 750               | 650000 | NR Band 77 SRS4    | C    | 100        | 14.48                           | Left Tilt           | DFT-S-OFDM QPSK | 0     | 1       | 137       | 1:1        | 0.000          | -      |                |
| 3 750               | 650000 | NR Band 77 SRS4    | C    | 100        | 14.48                           | Right Cheek         | DFT-S-OFDM QPSK | 0     | 1       | 137       | 1:1        | 0.003          | 39.7   |                |
| 3 750               | 650000 | NR Band 77 SRS4    | C    | 100        | 14.48                           | Right Tilt          | DFT-S-OFDM QPSK | 0     | 1       | 137       | 1:1        | 0.000          | -      |                |
| 3 500.01            | 633334 | NR Band 77DoD SRS4 | C    | 100        | 14.49                           | Left Cheek          | DFT-S-OFDM QPSK | 0     | 1       | 137       | 1:1        | 0.026          | 30.3   | 30.3           |

Table A-4 DSI = 1 *PLimit* Calculations – WLAN Head SAR

| MEASUREMENT RESULTS |     |               |               |             |              |                    |               |                 |               |         |         |        |                |
|---------------------|-----|---------------|---------------|-------------|--------------|--------------------|---------------|-----------------|---------------|---------|---------|--------|----------------|
| Frequency           |     | Mode/<br>Band | Band<br>width | Ant.<br>No. | Data<br>Rate | Frame Averaged     | Test Position | Ant.<br>Config. | Duty<br>Cycle | Meas.   | Scaling | Plimit | Minimum Plimit |
| MHz                 | Ch. |               |               |             | (Mbps)       | Conducted<br>Power |               |                 |               | SAR(1g) | Factor  |        |                |
|                     |     |               | (MHz)         |             |              | (dBm)              |               |                 |               | (W/kg)  | (Duty)  | (dBm)  | (dBm)          |
| 2 462               | 11  | 802.11b       | 20            | G           | 1            | 14.49              | Left Cheek    | WIFI1           | 98.8          | 0.150   | 1.012   | 21.8   | 18.7           |
| 2 462               | 11  | 802.11b       | 20            | G           | 1            | 14.49              | Left Tilt     | WIFI1           | 98.8          | 0.198   | 1.012   | 20.5   |                |
| 2 462               | 11  | 802.11b       | 20            | G           | 1            | 14.49              | Right Cheek   | WIFI1           | 98.8          | 0.296   | 1.012   | 18.8   |                |
| 2 462               | 11  | 802.11b       | 20            | G           | 1            | 14.49              | Right Tilt    | WIFI1           | 98.8          | 0.305   | 1.012   | 18.7   |                |
| 2 462               | 11  | 802.11b       | 20            | H           | 1            | 13.61              | Left Cheek    | WIFI2           | 98.8          | 0.238   | 1.012   | 18.6   | 18.9           |
| 2 462               | 11  | 802.11b       | 20            | H           | 1            | 13.61              | Left Tilt     | WIFI2           | 98.8          | 0.151   | 1.012   | 20.9   |                |
| 2 462               | 11  | 802.11b       | 20            | H           | 1            | 13.61              | Right Cheek   | WIFI2           | 98.8          | 0.120   | 1.012   | 21.8   |                |
| 2 462               | 11  | 802.11b       | 20            | H           | 1            | 13.61              | Right Tilt    | WIFI2           | 98.8          | 0.109   | 1.012   | 16.8   |                |
| 2 462               | 11  | 802.11b       | 20            | G+H         | 1            | 13.61              | Left Cheek    | MIMO            | 98.8          | 0.379   | 1.012   | 16.9   | 16.0           |
| 2 462               | 11  | 802.11b       | 20            | G+H         | 1            | 13.61              | Left Tilt     | MIMO            | 98.8          | 0.462   | 1.012   | 16.0   |                |
| 2 462               | 11  | 802.11b       | 20            | G+H         | 1            | 13.61              | Right Cheek   | MIMO            | 98.8          | 0.332   | 1.012   | 17.4   |                |
| 2 462               | 11  | 802.11b       | 20            | G+H         | 1            | 13.61              | Right Tilt    | MIMO            | 98.8          | 0.383   | 1.012   | 16.8   |                |
| 5 290               | 58  | 802.11ac      | 80            | F           | MCS0         | 10.98              | Left Cheek    | WIFI1           | 85.9          | 0.098   | 1.164   | 20.1   | 15.7           |
| 5 290               | 58  | 802.11ac      | 80            | F           | MCS0         | 10.98              | Left Tilt     | WIFI1           | 85.9          | 0.105   | 1.164   | 19.8   |                |
| 5 290               | 58  | 802.11ac      | 80            | F           | MCS0         | 10.98              | Right Cheek   | WIFI1           | 85.9          | 0.248   | 1.164   | 16.1   |                |
| 5 290               | 58  | 802.11ac      | 80            | F           | MCS0         | 10.98              | Right Tilt    | WIFI1           | 85.9          | 0.268   | 1.164   | 15.7   |                |
| 5 610               | 122 | 802.11ac      | 80            | F           | MCS0         | 11.27              | Left Cheek    | WIFI1           | 85.9          | 0.071   | 1.164   | 21.8   | 15.8           |
| 5 610               | 122 | 802.11ac      | 80            | F           | MCS0         | 11.27              | Left Tilt     | WIFI1           | 85.9          | 0.087   | 1.164   | 20.9   |                |
| 5 610               | 122 | 802.11ac      | 80            | F           | MCS0         | 11.27              | Right Cheek   | WIFI1           | 85.9          | 0.280   | 1.164   | 15.8   |                |
| 5 610               | 122 | 802.11ac      | 80            | F           | MCS0         | 11.27              | Right Tilt    | WIFI1           | 85.9          | 0.244   | 1.164   | 16.4   |                |
| 5 775               | 155 | 802.11ac      | 80            | F           | MCS0         | 11.14              | Left Cheek    | WIFI1           | 85.9          | 0.041   | 1.164   | 24.0   | 17.4           |
| 5 775               | 155 | 802.11ac      | 80            | F           | MCS0         | 11.14              | Left Tilt     | WIFI1           | 85.9          | 0.038   | 1.164   | 24.4   |                |
| 5 775               | 155 | 802.11ac      | 80            | F           | MCS0         | 11.14              | Right Cheek   | WIFI1           | 85.9          | 0.189   | 1.164   | 17.4   |                |
| 5 775               | 155 | 802.11ac      | 80            | F           | MCS0         | 11.14              | Right Tilt    | WIFI1           | 85.9          | 0.117   | 1.164   | 19.5   |                |
| 5 855               | 171 | 802.11ac      | 80            | F           | MCS0         | 11.43              | Left Cheek    | WIFI1           | 85.9          | 0.039   | 1.164   | 24.6   | 19.1           |
| 5 855               | 171 | 802.11ac      | 80            | F           | MCS0         | 11.43              | Left Tilt     | WIFI1           | 85.9          | 0.037   | 1.164   | 24.8   |                |
| 5 855               | 171 | 802.11ac      | 80            | F           | MCS0         | 11.43              | Right Cheek   | WIFI1           | 85.9          | 0.136   | 1.164   | 19.1   |                |
| 5 855               | 171 | 802.11ac      | 80            | F           | MCS0         | 11.43              | Right Tilt    | WIFI1           | 85.9          | 0.089   | 1.164   | 21.0   |                |
| 5 290               | 58  | 802.11ac      | 80            | H           | MCS0         | 10.60              | Left Cheek    | WIFI2           | 85.9          | 0.094   | 1.164   | 19.9   | 19.9           |
| 5 290               | 58  | 802.11ac      | 80            | H           | MCS0         | 10.60              | Left Tilt     | WIFI2           | 85.9          | 0.057   | 1.164   | 22.1   |                |
| 5 290               | 58  | 802.11ac      | 80            | H           | MCS0         | 10.60              | Right Cheek   | WIFI2           | 85.9          | 0.027   | 1.164   | 25.3   |                |
| 5 290               | 58  | 802.11ac      | 80            | H           | MCS0         | 10.60              | Right Tilt    | WIFI2           | 85.9          | 0.036   | 1.164   | 24.1   |                |
| 5 610               | 122 | 802.11ac      | 80            | H           | MCS0         | 11.35              | Left Cheek    | WIFI2           | 85.9          | 0.100   | 1.164   | 20.4   | 20.4           |
| 5 610               | 122 | 802.11ac      | 80            | H           | MCS0         | 11.35              | Left Tilt     | WIFI2           | 85.9          | 0.084   | 1.164   | 21.1   |                |
| 5 610               | 122 | 802.11ac      | 80            | H           | MCS0         | 11.35              | Right Cheek   | WIFI2           | 85.9          | 0.037   | 1.164   | 24.7   |                |
| 5 610               | 122 | 802.11ac      | 80            | H           | MCS0         | 11.35              | Right Tilt    | WIFI2           | 85.9          | 0.032   | 1.164   | 25.3   |                |
| 5 775               | 155 | 802.11ac      | 80            | H           | MCS0         | 10.49              | Left Cheek    | WIFI2           | 85.9          | 0.139   | 1.164   | 18.1   | 18.1           |
| 5 775               | 155 | 802.11ac      | 80            | H           | MCS0         | 10.49              | Left Tilt     | WIFI2           | 85.9          | 0.111   | 1.164   | 19.1   |                |
| 5 775               | 155 | 802.11ac      | 80            | H           | MCS0         | 10.49              | Right Cheek   | WIFI2           | 85.9          | 0.075   | 1.164   | 21.5   |                |
| 5 775               | 155 | 802.11ac      | 80            | H           | MCS0         | 10.49              | Right Tilt    | WIFI2           | 85.9          | 0.082   | 1.164   | 21.8   |                |

| MEASUREMENT RESULTS |     |               |               |             |              |                    |               |                 |               |        |         |        |                |
|---------------------|-----|---------------|---------------|-------------|--------------|--------------------|---------------|-----------------|---------------|--------|---------|--------|----------------|
| Frequency           |     | Mode/<br>Band | Band<br>width | Ant.<br>No. | Data<br>Rate | Frame Averaged     | Test Position | Ant.<br>Config. | Duty<br>Cycle | Meas.  | Scaling | Plimit | Minimum Plimit |
| MHz                 | Ch. |               |               |             | (Mbps)       | Conducted<br>Power |               |                 |               | (W/kg) | (Duty)  |        |                |
|                     |     | (MHz)         |               |             |              | (dBm)              |               |                 |               |        |         | (dBm)  | (dBm)          |
| 5 855               | 171 | 802.11ac      | 80            | H           | MCS0         | 11.40              | Left Cheek    | WIFI2           | 85.9          | 0.150  | 1.164   | 18.7   | 18.7           |
| 5 855               | 171 | 802.11ac      | 80            | H           | MCS0         | 11.40              | Left Tilt     | WIFI2           | 85.9          | 0.135  | 1.164   | 19.1   |                |
| 5 855               | 171 | 802.11ac      | 80            | H           | MCS0         | 11.40              | Right Cheek   | WIFI2           | 85.9          | 0.075  | 1.164   | 21.7   |                |
| 5 855               | 171 | 802.11ac      | 80            | H           | MCS0         | 11.40              | Right Tilt    | WIFI2           | 85.9          | 0.082  | 1.164   | 21.3   |                |
| 5 290               | 58  | 802.11ac      | 80            | F+H         | MCS0         | 10.60              | Left Cheek    | MIMO            | 85.9          | 0.090  | 1.164   | 20.1   | 15.4           |
| 5 290               | 58  | 802.11ac      | 80            | F+H         | MCS0         | 10.60              | Left Tilt     | MIMO            | 85.9          | 0.099  | 1.164   | 19.7   |                |
| 5 290               | 58  | 802.11ac      | 80            | F+H         | MCS0         | 10.60              | Right Cheek   | MIMO            | 85.9          | 0.245  | 1.164   | 15.7   |                |
| 5 290               | 58  | 802.11ac      | 80            | F+H         | MCS0         | 10.60              | Right Tilt    | MIMO            | 85.9          | 0.262  | 1.164   | 15.4   |                |
| 5 610               | 122 | 802.11ac      | 80            | F+H         | MCS0         | 11.35              | Left Cheek    | MIMO            | 85.9          | 0.081  | 1.164   | 21.3   | 15.2           |
| 5 610               | 122 | 802.11ac      | 80            | F+H         | MCS0         | 11.35              | Left Tilt     | MIMO            | 85.9          | 0.079  | 1.164   | 21.4   |                |
| 5 610               | 122 | 802.11ac      | 80            | F+H         | MCS0         | 11.35              | Right Cheek   | MIMO            | 85.9          | 0.307  | 1.164   | 15.5   |                |
| 5 610               | 122 | 802.11ac      | 80            | F+H         | MCS0         | 11.35              | Right Tilt    | MIMO            | 85.9          | 0.327  | 1.164   | 15.2   |                |
| 5 775               | 155 | 802.11ac      | 80            | F+H         | MCS0         | 10.49              | Left Cheek    | MIMO            | 85.9          | 0.135  | 1.164   | 18.2   | 16.7           |
| 5 775               | 155 | 802.11ac      | 80            | F+H         | MCS0         | 10.49              | Left Tilt     | MIMO            | 85.9          | 0.122  | 1.164   | 18.7   |                |
| 5 775               | 155 | 802.11ac      | 80            | F+H         | MCS0         | 10.49              | Right Cheek   | MIMO            | 85.9          | 0.192  | 1.164   | 16.7   |                |
| 5 775               | 155 | 802.11ac      | 80            | F+H         | MCS0         | 10.49              | Right Tilt    | MIMO            | 85.9          | 0.133  | 1.164   | 18.3   |                |
| 5 855               | 171 | 802.11ac      | 80            | F+H         | MCS0         | 11.40              | Left Cheek    | MIMO            | 85.9          | 0.153  | 1.164   | 18.6   | 18.5           |
| 5 855               | 171 | 802.11ac      | 80            | F+H         | MCS0         | 11.40              | Left Tilt     | MIMO            | 85.9          | 0.135  | 1.164   | 19.1   |                |
| 5 855               | 171 | 802.11ac      | 80            | F+H         | MCS0         | 11.40              | Right Cheek   | MIMO            | 85.9          | 0.157  | 1.164   | 18.5   |                |
| 5 855               | 171 | 802.11ac      | 80            | F+H         | MCS0         | 11.40              | Right Tilt    | MIMO            | 85.9          | 0.101  | 1.164   | 20.4   |                |
| 6 165               | 43  | 802.11ax      | 40            | F           | MCS0         | 10.91              | Left Cheek    | WIFI1           | 99.6          | 0.032  | 1.004   | 24.9   | 21.0           |
| 6 165               | 43  | 802.11ax      | 40            | F           | MCS0         | 10.91              | Left Tilt     | WIFI1           | 99.6          | 0.037  | 1.004   | 24.3   |                |
| 6 165               | 43  | 802.11ax      | 40            | F           | MCS0         | 10.91              | Right Cheek   | WIFI1           | 99.6          | 0.078  | 1.004   | 21.0   |                |
| 6 165               | 43  | 802.11ax      | 40            | F           | MCS0         | 10.91              | Right Tilt    | WIFI1           | 99.6          | 0.070  | 1.004   | 21.5   |                |
| 6 165               | 43  | 802.11ax      | 40            | H           | MCS0         | 9.94               | Left Cheek    | WIFI2           | 99.6          | 0.045  | 1.004   | 22.4   | 22.4           |
| 6 165               | 43  | 802.11ax      | 40            | H           | MCS0         | 9.94               | Left Tilt     | WIFI2           | 99.6          | 0.002  | 1.004   | 36.0   |                |
| 6 165               | 43  | 802.11ax      | 40            | H           | MCS0         | 9.94               | Right Cheek   | WIFI2           | 99.6          | 0.000  | 1.004   | -      |                |
| 6 165               | 43  | 802.11ax      | 40            | H           | MCS0         | 9.94               | Right Tilt    | WIFI2           | 99.6          | 0.000  | 1.004   | -      |                |
| 6 165               | 43  | 802.11ax      | 40            | F+H         | MCS0         | 9.94               | Left Cheek    | MIMO            | 99.6          | 0.141  | 1.004   | 17.3   | 17.3           |
| 6 165               | 43  | 802.11ax      | 40            | F+H         | MCS0         | 9.94               | Left Tilt     | MIMO            | 99.6          | 0.039  | 1.004   | 23.1   |                |
| 6 165               | 43  | 802.11ax      | 40            | F+H         | MCS0         | 9.94               | Right Cheek   | MIMO            | 99.6          | 0.78   | 1.004   | 20.1   |                |
| 6 165               | 43  | 802.11ax      | 40            | F+H         | MCS0         | 9.94               | Right Tilt    | MIMO            | 99.6          | 0.070  | 1.004   | 20.5   |                |

| MEASUREMENT RESULTS |     |            |          |                                |               |              |               |                |        |                |
|---------------------|-----|------------|----------|--------------------------------|---------------|--------------|---------------|----------------|--------|----------------|
| Frequency           |     | Mode/ Band | Ant. No. | Frame Averaged Conducted Power | Test Position | Ant. Config. | Meas. SAR(1g) | Scaling Factor | Plimit | Minimum Plimit |
| MHz                 | Ch. |            |          | (dBm)                          |               |              | (W/kg)        | (Duty)         | (dBm)  | (dBm)          |
| 2 441               | 39  | DH5        | G        | 15.12                          | Left Cheek    | Bluetooth1   | 0.128         | 1.013          | 23.1   | 20.9           |
| 2 441               | 39  | DH5        | G        | 15.12                          | Left Tilt     | Bluetooth1   | 0.167         | 1.013          | 21.9   |                |
| 2 441               | 39  | DH5        | G        | 15.12                          | Right Cheek   | Bluetooth1   | 0.211         | 1.013          | 20.9   |                |
| 2 441               | 39  | DH5        | G        | 15.12                          | Right Tilt    | Bluetooth1   | 0.207         | 1.013          | 21.5   |                |
| 2 441               | 39  | DH5        | H        | 14.14                          | Left Cheek    | Bluetooth2   | 0.208         | 1.013          | 20.0   | 20.0           |
| 2 441               | 39  | DH5        | H        | 14.14                          | Left Tilt     | Bluetooth2   | 0.142         | 1.013          | 21.6   |                |
| 2 441               | 39  | DH5        | H        | 14.14                          | Right Cheek   | Bluetooth2   | 0.055         | 1.013          | 25.8   |                |
| 2 441               | 39  | DH5        | H        | 14.14                          | Right Tilt    | Bluetooth2   | 0.049         | 1.013          | 26.3   |                |
| 2 480               | 78  | DH5        | G+H      | 12.39                          | Left Cheek    | Dual         | 0.139         | 1.013          | 20.0   | 18.0           |
| 2 480               | 78  | DH5        | G+H      | 12.39                          | Left Tilt     | Dual         | 0.178         | 1.013          | 18.9   |                |
| 2 480               | 78  | DH5        | G+H      | 12.39                          | Right Cheek   | Dual         | 0.219         | 1.013          | 18.0   |                |
| 2 480               | 78  | DH5        | G+H      | 12.39                          | Right Tilt    | Dual         | 0.175         | 1.013          | 19.0   |                |

**Table A-5 RSI = 0,3  $P_{Limit}$  Calculations – 2G/3G Body-Worn SAR**

For some bands/modes, a lower  $P_{Limit}$  was selected as a more conservative evaluation.

| MEASUREMENT RESULTS |      |             |         |             |          |                                      |               |              |            |                      |              |                      |
|---------------------|------|-------------|---------|-------------|----------|--------------------------------------|---------------|--------------|------------|----------------------|--------------|----------------------|
| Frequency           |      | Mode/ Band  |         | Form Factor | Ant. No. | Frame Averaged Conducted Power (dBm) | Test Position | Spacing (mm) | Duty Cycle | Meas. SAR(1g) (W/kg) | Plimit (dBm) | Minimum Plimit (dBm) |
| MHz                 | Ch.  |             |         |             |          |                                      |               |              |            |                      |              |                      |
| 836.6               | 190  | GSM 850     | GPRS4Tx | Open        | A        | 21.28                                | Rear          | 5            | 1:2.07     | 0.515                | 24.2         | 24.2                 |
| 836.6               | 190  | GSM 850     | GPRS4Tx | Open        | A        | 21.28                                | Front         | 5            | 1:2.07     | 0.369                | 25.6         |                      |
| 836.6               | 190  | GSM 850     | GPRS4Tx | Close       | A        | 21.28                                | Rear          | 5            | 1:2.07     | 0.309                | 26.4         |                      |
| 836.6               | 190  | GSM 850     | GPRS4Tx | Close       | A        | 21.28                                | Front         | 5            | 1:2.07     | 0.058                | 33.6         |                      |
| 836.6               | 190  | GSM 850     | GPRS4Tx | Open        | E        | 20.02                                | Rear          | 5            | 1:2.07     | 0.381                | 24.2         | 23.8                 |
| 836.6               | 190  | GSM 850     | GPRS4Tx | Open        | E        | 20.02                                | Front         | 5            | 1:2.07     | 0.417                | 23.8         |                      |
| 836.6               | 190  | GSM 850     | GPRS4Tx | Close       | E        | 20.02                                | Rear          | 5            | 1:2.07     | 0.089                | 30.5         |                      |
| 836.6               | 190  | GSM 850     | GPRS4Tx | Close       | E        | 20.02                                | Front         | 5            | 1:2.07     | 0.285                | 25.5         |                      |
| 1 850               | 512  | GSM 1900    | GPRS4Tx | Open        | B        | 19.26                                | Rear          | 5            | 1:2.07     | 0.486                | 22.4         | 22.4                 |
| 1 850               | 512  | GSM 1900    | GPRS4Tx | Open        | B        | 19.26                                | Front         | 5            | 1:2.07     | 0.287                | 24.7         |                      |
| 1 850               | 512  | GSM 1900    | GPRS4Tx | Close       | B        | 19.26                                | Rear          | 5            | 1:2.07     | 0.369                | 23.6         |                      |
| 1 850               | 512  | GSM 1900    | GPRS4Tx | Close       | B        | 19.26                                | Front         | 5            | 1:2.07     | 0.056                | 31.8         |                      |
| 836.6               | 4183 | UMTS Band 5 | RMC     | Open        | A        | 22.17                                | Rear          | 5            | 1:1        | 0.646                | 24.1         | 24.1                 |
| 836.6               | 4183 | UMTS Band 5 | RMC     | Open        | A        | 22.17                                | Front         | 5            | 1:1        | 0.462                | 25.5         |                      |
| 836.6               | 4183 | UMTS Band 5 | RMC     | Close       | A        | 22.17                                | Rear          | 5            | 1:1        | 0.292                | 27.5         |                      |
| 836.6               | 4183 | UMTS Band 5 | RMC     | Close       | A        | 22.17                                | Front         | 5            | 1:1        | 0.059                | 34.5         |                      |
| 836.6               | 4183 | UMTS Band 5 | RMC     | Open        | E        | 18.94                                | Rear          | 5            | 1:1        | 0.419                | 22.7         | 22.7                 |
| 836.6               | 4183 | UMTS Band 5 | RMC     | Open        | E        | 18.94                                | Front         | 5            | 1:1        | 0.329                | 23.8         |                      |
| 836.6               | 4183 | UMTS Band 5 | RMC     | Close       | E        | 18.94                                | Rear          | 5            | 1:1        | 0.091                | 29.3         |                      |
| 836.6               | 4183 | UMTS Band 5 | RMC     | Close       | E        | 18.94                                | Front         | 5            | 1:1        | 0.257                | 24.8         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC     | Open        | B        | 18.25                                | Rear          | 5            | 1:1        | 0.543                | 20.9         | 20.9                 |
| 1 732.4             | 1412 | UMTS Band 4 | RMC     | Open        | B        | 18.25                                | Front         | 5            | 1:1        | 0.252                | 24.2         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC     | Close       | B        | 18.25                                | Rear          | 5            | 1:1        | 0.329                | 23.1         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC     | Close       | B        | 18.25                                | Front         | 5            | 1:1        | 0.026                | 34.1         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC     | Open        | I        | 19.46                                | Rear          | 5            | 1:1        | 0.249                | 25.5         | 25.5                 |
| 1 732.4             | 1412 | UMTS Band 4 | RMC     | Open        | I        | 19.46                                | Front         | 5            | 1:1        | 0.102                | 29.4         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC     | Close       | I        | 19.46                                | Rear          | 5            | 1:1        | 0.011                | 39.0         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC     | Close       | I        | 19.46                                | Front         | 5            | 1:1        | 0.111                | 29.0         |                      |
| 1 880               | 9400 | UMTS Band 2 | RMC     | Open        | B        | 18.23                                | Rear          | 5            | 1:1        | 0.421                | 22.0         | 22.0                 |
| 1 880               | 9400 | UMTS Band 2 | RMC     | Open        | B        | 18.23                                | Front         | 5            | 1:1        | 0.195                | 25.3         |                      |
| 1 880               | 9400 | UMTS Band 2 | RMC     | Close       | B        | 18.23                                | Rear          | 5            | 1:1        | 0.356                | 22.7         |                      |
| 1 880               | 9400 | UMTS Band 2 | RMC     | Close       | B        | 18.23                                | Front         | 5            | 1:1        | 0.029                | 33.6         |                      |
| 1 880               | 9400 | UMTS Band 2 | RMC     | Open        | I        | 19.12                                | Rear          | 5            | 1:1        | 0.399                | 23.1         | 23.1                 |
| 1 880               | 9400 | UMTS Band 2 | RMC     | Open        | I        | 19.12                                | Front         | 5            | 1:1        | 0.283                | 24.6         |                      |
| 1 880               | 9400 | UMTS Band 2 | RMC     | Close       | I        | 19.12                                | Rear          | 5            | 1:1        | 0.027                | 34.8         |                      |
| 1 880               | 9400 | UMTS Band 2 | RMC     | Close       | I        | 19.12                                | Front         | 5            | 1:1        | 0.197                | 26.2         |                      |

**Table A-6 RSI = 0,2  $P_{Limit}$  Calculations – 4G Body-Worn SAR**

For some bands/modes, a lower  $P_{Limit}$  was selected as a more conservative evaluation.

| MEASUREMENT RESULTS |       |             |             |          |            |                                |               |              |      |         |           |            |                |        |                |
|---------------------|-------|-------------|-------------|----------|------------|--------------------------------|---------------|--------------|------|---------|-----------|------------|----------------|--------|----------------|
| Frequency           |       | Mode        | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position | Spacing (mm) | MPR  | RB Size | RB offset | Duty Cycle | Meas. SAR (1g) | Plimit | Minimum Plimit |
|                     |       |             |             |          | MHz        | (dBm)                          |               |              | (dB) | (W/kg)  |           |            | (dBm)          | (dBm)  |                |
| 2 535               | 21100 | LTE Band 7  | Open        | B        | 20         | 19.63                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.810          | 20.5   | 20.5           |
| 2 535               | 21100 | LTE Band 7  | Open        | B        | 20         | 19.63                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.255          | 25.6   |                |
| 2 535               | 21100 | LTE Band 7  | Close       | B        | 20         | 19.63                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.626          | 21.7   |                |
| 2 535               | 21100 | LTE Band 7  | Close       | B        | 20         | 19.63                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.066          | 31.4   |                |
| 2 510               | 20850 | LTE Band 7  | Open        | I        | 20         | 18.21                          | Rear          | 5            | 0    | 1       | 49        | 1:1        | 0.644          | 20.1   | 20.1           |
| 2 510               | 20850 | LTE Band 7  | Open        | I        | 20         | 18.21                          | Front         | 5            | 0    | 1       | 49        | 1:1        | 0.520          | 21.0   |                |
| 2 510               | 20850 | LTE Band 7  | Close       | I        | 20         | 18.21                          | Rear          | 5            | 0    | 1       | 49        | 1:1        | 0.186          | 25.5   |                |
| 2 510               | 20850 | LTE Band 7  | Close       | I        | 20         | 18.21                          | Front         | 5            | 0    | 1       | 49        | 1:1        | 0.492          | 21.3   |                |
| 707.5               | 23095 | LTE Band 12 | Open        | A        | 10         | 23.07                          | Rear          | 5            | 0    | 1       | 24        | 1:1        | 0.699          | 24.6   | 24.6           |
| 707.5               | 23095 | LTE Band 12 | Open        | A        | 10         | 23.07                          | Front         | 5            | 0    | 1       | 24        | 1:1        | 0.415          | 26.9   |                |
| 707.5               | 23095 | LTE Band 12 | Close       | A        | 10         | 23.07                          | Rear          | 5            | 0    | 1       | 24        | 1:1        | 0.593          | 25.3   |                |
| 707.5               | 23095 | LTE Band 12 | Close       | A        | 10         | 23.07                          | Front         | 5            | 0    | 1       | 24        | 1:1        | 0.087          | 33.7   |                |
| 707.5               | 23095 | LTE Band 12 | Open        | E        | 10         | 18.45                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.128          | 27.4   | 27.4           |
| 707.5               | 23095 | LTE Band 12 | Open        | E        | 10         | 18.45                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.114          | 27.9   |                |
| 707.5               | 23095 | LTE Band 12 | Close       | E        | 10         | 18.45                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.018          | 35.9   |                |
| 707.5               | 23095 | LTE Band 12 | Close       | E        | 10         | 18.45                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.057          | 30.9   |                |
| 782                 | 23230 | LTE Band 13 | Open        | A        | 10         | 23.27                          | Rear          | 5            | 0    | 1       | 24        | 1:1        | 0.811          | 24.2   | 24.2           |
| 782                 | 23230 | LTE Band 13 | Open        | A        | 10         | 23.27                          | Front         | 5            | 0    | 1       | 24        | 1:1        | 0.615          | 25.4   |                |
| 782                 | 23230 | LTE Band 13 | Close       | A        | 10         | 23.27                          | Rear          | 5            | 0    | 1       | 24        | 1:1        | 0.783          | 24.3   |                |
| 782                 | 23230 | LTE Band 13 | Close       | A        | 10         | 23.27                          | Front         | 5            | 0    | 1       | 24        | 1:1        | 0.169          | 31.0   |                |
| 782                 | 23230 | LTE Band 13 | Open        | E        | 10         | 17.82                          | Rear          | 5            | 0    | 1       | 24        | 1:1        | 0.211          | 24.6   | 23.8           |
| 782                 | 23230 | LTE Band 13 | Open        | E        | 10         | 17.82                          | Front         | 5            | 0    | 1       | 24        | 1:1        | 0.253          | 23.8   |                |
| 782                 | 23230 | LTE Band 13 | Close       | E        | 10         | 17.82                          | Rear          | 5            | 0    | 1       | 24        | 1:1        | 0.062          | 29.9   |                |
| 782                 | 23230 | LTE Band 13 | Close       | E        | 10         | 17.82                          | Front         | 5            | 0    | 1       | 24        | 1:1        | 0.181          | 25.2   |                |
| 793                 | 23330 | LTE Band 14 | Open        | A        | 10         | 23.30                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.804          | 24.2   | 24.2           |
| 793                 | 23330 | LTE Band 14 | Open        | A        | 10         | 23.30                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.665          | 25.1   |                |
| 793                 | 23330 | LTE Band 14 | Close       | A        | 10         | 23.30                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.818          | 24.2   |                |
| 793                 | 23330 | LTE Band 14 | Close       | A        | 10         | 23.30                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.171          | 31.0   |                |
| 793                 | 23330 | LTE Band 14 | Open        | E        | 10         | 17.68                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.199          | 24.7   | 24.4           |
| 793                 | 23330 | LTE Band 14 | Open        | E        | 10         | 17.68                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.215          | 24.4   |                |
| 793                 | 23330 | LTE Band 14 | Close       | E        | 10         | 17.68                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.0038         | 41.7   |                |
| 793                 | 23330 | LTE Band 14 | Close       | E        | 10         | 17.68                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.139          | 26.2   |                |
| 1 882.5             | 26365 | LTE Band 25 | Open        | B        | 20         | 19.59                          | Rear          | 5            | 0    | 1       | 49        | 1:1        | 0.535          | 22.3   | 22.3           |
| 1 882.5             | 26365 | LTE Band 25 | Open        | B        | 20         | 19.59                          | Front         | 5            | 0    | 1       | 49        | 1:1        | 0.370          | 23.9   |                |
| 1 882.5             | 26365 | LTE Band 25 | Close       | B        | 20         | 19.59                          | Rear          | 5            | 0    | 1       | 49        | 1:1        | 0.378          | 23.8   |                |
| 1 882.5             | 26365 | LTE Band 25 | Close       | B        | 20         | 19.59                          | Front         | 5            | 0    | 1       | 49        | 1:1        | 0.074          | 30.9   |                |
| 1 905               | 26590 | LTE Band 25 | Open        | I        | 20         | 19.43                          | Rear          | 5            | 0    | 1       | 49        | 1:1        | 0.327          | 24.3   | 24.3           |
| 1 905               | 26590 | LTE Band 25 | Open        | I        | 20         | 19.43                          | Front         | 5            | 0    | 1       | 49        | 1:1        | 0.174          | 27.0   |                |
| 1 905               | 26590 | LTE Band 25 | Close       | I        | 20         | 19.43                          | Rear          | 5            | 0    | 1       | 49        | 1:1        | 0.022          | 36.0   |                |
| 1 905               | 26590 | LTE Band 25 | Close       | I        | 20         | 19.43                          | Front         | 5            | 0    | 1       | 49        | 1:1        | 0.237          | 25.7   |                |

### MEASUREMENT RESULTS

| Frequency |       | Mode        | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position | Spacing (mm) | MPR  | RB Size | RB offset | Duty Cycle | Meas. SAR (1g) | Plimit | Minimum Plimit |
|-----------|-------|-------------|-------------|----------|------------|--------------------------------|---------------|--------------|------|---------|-----------|------------|----------------|--------|----------------|
| MHz       | Ch.   |             |             |          | MHz        | (dBm)                          |               |              | (dB) |         |           |            | (W/kg)         |        |                |
| 831.5     | 26865 | LTE Band 26 | Open        | A        | 15         | 22.63                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.584          | 25.0   | 23.3           |
| 831.5     | 26865 | LTE Band 26 | Open        | A        | 15         | 22.63                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.546          | 25.3   |                |
| 831.5     | 26865 | LTE Band 26 | Close       | A        | 15         | 22.63                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.851          | 23.3   |                |
| 831.5     | 26865 | LTE Band 26 | Close       | A        | 15         | 22.63                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.127          | 31.6   |                |
| 831.5     | 26865 | LTE Band 26 | Open        | E        | 15         | 19.25                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.247          | 25.3   | 25.3           |
| 831.5     | 26865 | LTE Band 26 | Open        | E        | 15         | 19.25                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.226          | 25.7   |                |
| 831.5     | 26865 | LTE Band 26 | Close       | E        | 15         | 19.25                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.019          | 36.5   |                |
| 831.5     | 26865 | LTE Band 26 | Close       | E        | 15         | 19.25                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.224          | 25.7   |                |
| 2 310     | 27710 | LTE Band 30 | Open        | B        | 10         | 19.52                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.828          | 20.3   | 20.3           |
| 2 310     | 27710 | LTE Band 30 | Open        | B        | 10         | 19.52                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.351          | 24.1   |                |
| 2 310     | 27710 | LTE Band 30 | Close       | B        | 10         | 19.52                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.719          | 21.0   |                |
| 2 310     | 27710 | LTE Band 30 | Close       | B        | 10         | 19.52                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.068          | 31.2   |                |
| 2 310     | 27710 | LTE Band 30 | Open        | I        | 10         | 17.10                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.346          | 21.7   | 20.4           |
| 2 310     | 27710 | LTE Band 30 | Open        | I        | 10         | 17.10                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.357          | 21.6   |                |
| 2 310     | 27710 | LTE Band 30 | Close       | I        | 10         | 17.10                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.087          | 27.7   |                |
| 2 310     | 27710 | LTE Band 30 | Close       | I        | 10         | 17.10                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.469          | 20.4   |                |

| MEASUREMENT RESULTS |        |              |             |          |            |                                |               |              |      |         |           |            |                |              |                      |
|---------------------|--------|--------------|-------------|----------|------------|--------------------------------|---------------|--------------|------|---------|-----------|------------|----------------|--------------|----------------------|
| Frequency           |        | Mode         | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position | Spacing (mm) | MPR  | RB Size | RB offset | Duty Cycle | Meas. SAR (1g) | Plimit (dBm) | Minimum Plimit (dBm) |
| MHz                 | Ch.    |              |             |          | MHz        | (dBm)                          |               |              | (dB) |         |           |            | (W/kg)         |              |                      |
| 2 506               | 39750  | LTE Band 41  | Open        | B        | 20         | 19.58                          | Rear          | 5            | 0    | 1       | 99        | 1:1.58     | 0.795          | 20.6         | 20.6                 |
| 2 506               | 39750  | LTE Band 41  | Open        | B        | 20         | 19.58                          | Front         | 5            | 0    | 1       | 99        | 1:1.58     | 0.326          | 24.5         |                      |
| 2 506               | 39750  | LTE Band 41  | Close       | B        | 20         | 19.58                          | Rear          | 5            | 0    | 1       | 99        | 1:1.58     | 0.609          | 21.7         |                      |
| 2 506               | 39750  | LTE Band 41  | Close       | B        | 20         | 19.58                          | Front         | 5            | 0    | 1       | 99        | 1:1.58     | 0.084          | 30.3         |                      |
| 2 549.5             | 40185  | LTE Band 41  | Open        | I        | 20         | 18.28                          | Rear          | 5            | 0    | 1       | 0         | 1:1.58     | 0.440          | 21.8         | 21.8                 |
| 2 549.5             | 40185  | LTE Band 41  | Open        | I        | 20         | 18.28                          | Front         | 5            | 0    | 1       | 0         | 1:1.58     | 0.375          | 22.5         |                      |
| 2 549.5             | 40185  | LTE Band 41  | Close       | I        | 20         | 18.28                          | Rear          | 5            | 0    | 1       | 0         | 1:1.58     | 0.161          | 26.2         |                      |
| 2 549.5             | 40185  | LTE Band 41  | Close       | I        | 20         | 18.28                          | Front         | 5            | 0    | 1       | 0         | 1:1.58     | 0.199          | 25.3         |                      |
| 3 690               | 56640  | LTE Band 48  | Open        | F        | 20         | 16.49                          | Rear          | 5            | 0    | 1       | 0         | 1:1.58     | 0.368          | 20.8         | 20.7                 |
| 3 690               | 56640  | LTE Band 48  | Open        | F        | 20         | 16.49                          | Front         | 5            | 0    | 1       | 0         | 1:1.58     | 0.383          | 20.7         |                      |
| 3 690               | 56640  | LTE Band 48  | Close       | F        | 20         | 16.49                          | Rear          | 5            | 0    | 1       | 0         | 1:1.58     | 0.010          | 36.5         |                      |
| 3 690               | 56640  | LTE Band 48  | Close       | F        | 20         | 16.49                          | Front         | 5            | 0    | 1       | 0         | 1:1.58     | 0.315          | 21.5         |                      |
| 1 720               | 132072 | LTE Band 66  | Open        | B        | 20         | 19.30                          | Rear          | 5            | 0    | 1       | 49        | 1:1        | 0.575          | 21.7         | 21.7                 |
| 1 720               | 132072 | LTE Band 66  | Open        | B        | 20         | 19.30                          | Front         | 5            | 0    | 1       | 49        | 1:1        | 0.383          | 23.5         |                      |
| 1 720               | 132072 | LTE Band 66  | Close       | B        | 20         | 19.30                          | Rear          | 5            | 0    | 1       | 49        | 1:1        | 0.401          | 23.3         |                      |
| 1 720               | 132072 | LTE Band 66  | Close       | B        | 20         | 19.30                          | Front         | 5            | 0    | 1       | 49        | 1:1        | 0.104          | 29.1         |                      |
| 1 745               | 132322 | LTE Band 66  | Open        | I        | 20         | 20.37                          | Rear          | 5            | 0    | 1       | 99        | 1:1        | 0.795          | 21.4         | 21.4                 |
| 1 745               | 132322 | LTE Band 66  | Open        | I        | 20         | 20.37                          | Front         | 5            | 0    | 1       | 99        | 1:1        | 0.656          | 22.2         |                      |
| 1 745               | 132322 | LTE Band 66  | Close       | I        | 20         | 20.37                          | Rear          | 5            | 0    | 1       | 99        | 1:1        | 0.036          | 34.8         |                      |
| 1 745               | 132322 | LTE Band 66  | Close       | I        | 20         | 20.37                          | Front         | 5            | 0    | 1       | 99        | 1:1        | 0.198          | 27.4         |                      |
| 680.5               | 133297 | LTE Band 71  | Open        | A        | 20         | 24.78                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.737          | 26.1         | 26.1                 |
| 680.5               | 133297 | LTE Band 71  | Open        | A        | 20         | 24.78                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.540          | 27.5         |                      |
| 680.5               | 133297 | LTE Band 71  | Close       | A        | 20         | 24.78                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.709          | 26.3         |                      |
| 680.5               | 133297 | LTE Band 71  | Close       | A        | 20         | 24.78                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.105          | 34.6         |                      |
| 680.5               | 133297 | LTE Band 71  | Open        | E        | 20         | 19.29                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.200          | 26.3         | 25.3                 |
| 680.5               | 133297 | LTE Band 71  | Open        | E        | 20         | 19.29                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.253          | 25.3         |                      |
| 680.5               | 133297 | LTE Band 71  | Close       | E        | 20         | 19.29                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.027          | 35.0         |                      |
| 680.5               | 133297 | LTE Band 71  | Close       | E        | 20         | 19.29                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.028          | 34.8         |                      |
| 1 643.5             | 261674 | NTN Band 255 | Open        | G        | -          | 19.97                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.556          | 22.5         | 22.5                 |
| 1 643.5             | 261674 | NTN Band 255 | Open        | G        | -          | 19.97                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.464          | 23.3         |                      |

**Table A-7 RSI = 0,2 *PLimit* Calculations – NR Body-Worn SAR**

For some bands/modes, a lower *PLimit* was selected as a more conservative evaluation.

NR TDD Bands : In the case of the NR TDD bands, the *PLimit* were calculated as the Frame average power to which the duty factor was applied to the burst power.0

SAR measurements of all NR bands were measured in FTM Mode.

| MEASUREMENT RESULTS |        |             |             |          |            |                                |               |                 |      |              |         |           |            |               |        |                |
|---------------------|--------|-------------|-------------|----------|------------|--------------------------------|---------------|-----------------|------|--------------|---------|-----------|------------|---------------|--------|----------------|
| Frequency           |        | Mode        | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position |                 | MPR  | Spacing (mm) | RB Size | RB offset | Duty Cycle | Meas. SAR(1g) | Plimit | Minimum Plimit |
|                     |        |             |             |          | MHz        | (dBm)                          |               |                 | (dB) |              |         |           |            | (W/kg)        | (dBm)  | (dBm)          |
| 2 535               | 507000 | NR Band n7  | Open        | B        | 40         | 19.51                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.722         | 20.9   | 20.9           |
| 2 535               | 507000 | NR Band n7  | Open        | B        | 40         | 19.51                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.300         | 24.7   |                |
| 2 535               | 507000 | NR Band n7  | Close       | B        | 40         | 19.51                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.558         | 22.0   |                |
| 2 535               | 507000 | NR Band n7  | Close       | B        | 40         | 19.51                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.073         | 30.9   |                |
| 2 535               | 507000 | NR Band n7  | Open        | I        | 40         | 18.01                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.314         | 23.0   | 23.0           |
| 2 535               | 507000 | NR Band n7  | Open        | I        | 40         | 18.01                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.317         | 23.0   |                |
| 2 535               | 507000 | NR Band n7  | Close       | I        | 40         | 18.01                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.155         | 26.1   |                |
| 2 535               | 507000 | NR Band n7  | Close       | I        | 40         | 18.01                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.307         | 23.1   |                |
| 707.5               | 141500 | NR Band n12 | Open        | A        | 15         | 23.15                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.843         | 23.9   | 23.9           |
| 707.5               | 141500 | NR Band n12 | Open        | A        | 15         | 23.15                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.459         | 24.1   |                |
| 707.5               | 141500 | NR Band n12 | Close       | A        | 15         | 23.15                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.631         | 33.2   |                |
| 707.5               | 141500 | NR Band n12 | Close       | A        | 15         | 23.15                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.301         | 26.6   |                |
| 707.5               | 141500 | NR Band n12 | Open        | E        | 15         | 18.54                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.227         | 25.0   | 24.1           |
| 707.5               | 141500 | NR Band n12 | Open        | E        | 15         | 18.54                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.279         | 24.1   |                |
| 707.5               | 141500 | NR Band n12 | Close       | E        | 15         | 18.54                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.034         | 33.2   |                |
| 707.5               | 141500 | NR Band n12 | Close       | E        | 15         | 18.54                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.158         | 26.6   |                |
| 793.0               | 158600 | NR Band n14 | Open        | A        | 10         | 23.18                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.856         | 23.9   | 23.9           |
| 793.0               | 158600 | NR Band n14 | Open        | A        | 10         | 23.18                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.521         | 26.0   |                |
| 793.0               | 158600 | NR Band n14 | Close       | A        | 10         | 23.18                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.486         | 26.3   |                |
| 793.0               | 158600 | NR Band n14 | Close       | A        | 10         | 23.18                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.142         | 32.3   |                |
| 793.0               | 158600 | NR Band n14 | Open        | E        | 10         | 17.98                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.191         | 25.2   | 24.9           |
| 793.0               | 158600 | NR Band n14 | Open        | E        | 10         | 17.98                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.205         | 24.9   |                |
| 793.0               | 158600 | NR Band n14 | Close       | E        | 10         | 17.98                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.045         | 31.4   |                |
| 793.0               | 158600 | NR Band n14 | Close       | E        | 10         | 17.98                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.182         | 25.4   |                |
| 1 882.5             | 376500 | NR Band n25 | Open        | B        | 40         | 19.50                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.648         | 21.4   | 21.4           |
| 1 882.5             | 376500 | NR Band n25 | Open        | B        | 40         | 19.50                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.344         | 24.1   |                |
| 1 882.5             | 376500 | NR Band n25 | Close       | B        | 40         | 19.50                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.459         | 22.9   |                |
| 1 882.5             | 376500 | NR Band n25 | Close       | B        | 40         | 19.50                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.049         | 32.6   |                |
| 1 882.5             | 376500 | NR Band n25 | Open        | I        | 40         | 19.38                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.357         | 23.9   | 23.4           |
| 1 882.5             | 376500 | NR Band n25 | Open        | I        | 40         | 19.38                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.398         | 23.4   |                |
| 1 882.5             | 376500 | NR Band n25 | Close       | I        | 40         | 19.38                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.022         | 36.0   |                |
| 1 882.5             | 376500 | NR Band n25 | Close       | I        | 40         | 19.38                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.197         | 26.4   |                |
| 831.5               | 166300 | NR Band n26 | Open        | A        | 20         | 22.22                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.712         | 23.7   | 23.7           |
| 831.5               | 166300 | NR Band n26 | Open        | A        | 20         | 22.22                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.519         | 25.1   |                |
| 831.5               | 166300 | NR Band n26 | Close       | A        | 20         | 22.22                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.647         | 24.1   |                |
| 831.5               | 166300 | NR Band n26 | Close       | A        | 20         | 22.22                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.127         | 31.2   |                |

| MEASUREMENT RESULTS |        |             |             |          |            |                                |               |                 |      |              |         |           |            |               |        |                |
|---------------------|--------|-------------|-------------|----------|------------|--------------------------------|---------------|-----------------|------|--------------|---------|-----------|------------|---------------|--------|----------------|
| Frequency           |        | Mode        | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position |                 | MPR  | Spacing (mm) | RB Size | RB offset | Duty Cycle | Meas. SAR(1g) | Plimit | Minimum Plimit |
| MHz                 | Ch.    |             |             |          | MHz        | (dBm)                          |               |                 | (dB) |              |         |           |            | (W/kg)        | (dBm)  | (dBm)          |
| 831.5               | 166300 | NR Band n26 | Open        | E        | 20         | 19.67                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.435         | 23.3   | 23.3           |
| 831.5               | 166300 | NR Band n26 | Open        | E        | 20         | 19.67                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.347         | 24.3   |                |
| 831.5               | 166300 | NR Band n26 | Close       | E        | 20         | 19.67                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.078         | 30.7   |                |
| 831.5               | 166300 | NR Band n26 | Close       | E        | 20         | 19.67                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.207         | 26.5   |                |
| 2 310               | 462000 | NR Band n30 | Open        | B        | 10         | 19.47                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.873         | 20.1   | 20.1           |
| 2 310               | 462000 | NR Band n30 | Open        | B        | 10         | 19.47                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.653         | 21.3   |                |
| 2 310               | 462000 | NR Band n30 | Close       | B        | 10         | 19.47                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.753         | 20.7   |                |
| 2 310               | 462000 | NR Band n30 | Close       | B        | 10         | 19.47                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.129         | 28.4   |                |
| 2 310               | 462000 | NR Band n30 | Open        | I        | 10         | 17.34                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.426         | 21.0   | 20.4           |
| 2 310               | 462000 | NR Band n30 | Open        | I        | 10         | 17.34                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.489         | 20.4   |                |
| 2 310               | 462000 | NR Band n30 | Close       | I        | 10         | 17.34                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.067         | 29.1   |                |
| 2 310               | 462000 | NR Band n30 | Close       | I        | 10         | 17.34                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.257         | 23.2   |                |

| MEASUREMENT RESULTS |        |                  |             |          |            |                                |               |                 |      |              |         |           |            |               |        |                |
|---------------------|--------|------------------|-------------|----------|------------|--------------------------------|---------------|-----------------|------|--------------|---------|-----------|------------|---------------|--------|----------------|
| Frequency           |        | Mode             | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position |                 | MPR  | Spacing (mm) | RB Size | RB offset | Duty Cycle | Meas. SAR(1g) | Plimit | Minimum Plimit |
| Mhz                 | Ch.    |                  |             |          | Mhz        | (dBm)                          |               |                 | (dB) |              |         |           |            | (W/kg)        | (dBm)  | (dBm)          |
| 1 745               | 349000 | NR Band n66      | Open        | B        | 40         | 19.56                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.761         | 20.7   | 20.7           |
| 1 745               | 349000 | NR Band n66      | Open        | B        | 40         | 19.56                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.383         | 23.7   |                |
| 1 745               | 349000 | NR Band n66      | Close       | B        | 40         | 19.56                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.583         | 21.9   |                |
| 1 745               | 349000 | NR Band n66      | Close       | B        | 40         | 19.56                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.071         | 31.0   |                |
| 1 745               | 349000 | NR Band n66      | Open        | I        | 40         | 20.44                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 214       | 1:1        | 0.674         | 22.2   | 22.2           |
| 1 745               | 349000 | NR Band n66      | Open        | I        | 40         | 20.44                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 214       | 1:1        | 0.632         | 22.4   |                |
| 1 745               | 349000 | NR Band n66      | Close       | I        | 40         | 20.44                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 214       | 1:1        | 0.017         | 38.1   |                |
| 1 745               | 349000 | NR Band n66      | Close       | I        | 40         | 20.44                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 214       | 1:1        | 0.217         | 27.1   |                |
| 1 702.5             | 340500 | NR Band n70      | Open        | B        | 15         | 19.52                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.400         | 23.5   | 23.5           |
| 1 702.5             | 340500 | NR Band n70      | Open        | B        | 15         | 19.52                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.265         | 25.3   |                |
| 1 702.5             | 340500 | NR Band n70      | Close       | B        | 15         | 19.52                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.298         | 24.8   |                |
| 1 702.5             | 340500 | NR Band n70      | Close       | B        | 15         | 19.52                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.033         | 34.3   |                |
| 1 702.5             | 340500 | NR Band n70      | Open        | I        | 15         | 20.38                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.302         | 25.6   | 25.6           |
| 1 702.5             | 340500 | NR Band n70      | Open        | I        | 15         | 20.38                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.211         | 27.1   |                |
| 1 702.5             | 340500 | NR Band n70      | Close       | I        | 15         | 20.38                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.019         | 37.6   |                |
| 1 702.5             | 340500 | NR Band n70      | Close       | I        | 15         | 20.38                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.202         | 27.3   |                |
| 680.5               | 136100 | NR Band n71      | Open        | A        | 20         | 25.27                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.636         | 27.2   | 26.1           |
| 680.5               | 136100 | NR Band n71      | Open        | A        | 20         | 25.27                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.300         | 30.5   |                |
| 680.5               | 136100 | NR Band n71      | Open        | A        | 20         | 25.27                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.824         | 26.1   |                |
| 680.5               | 136100 | NR Band n71      | Open        | A        | 20         | 25.27                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.114         | 34.7   |                |
| 680.5               | 136100 | NR Band n71      | Open        | E        | 20         | 19.04                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.221         | 25.6   | 24.1           |
| 680.5               | 136100 | NR Band n71      | Open        | E        | 20         | 19.04                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.309         | 24.1   |                |
| 680.5               | 136100 | NR Band n71      | Open        | E        | 20         | 19.04                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.032         | 34.0   |                |
| 680.5               | 136100 | NR Band n71      | Open        | E        | 20         | 19.04                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.10          | 29.0   |                |
| 2 592.99            | 518598 | NR Band n41      | Open        | B        | 100        | 20.25                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.731         | 21.6   | 21.6           |
| 2 592.99            | 518598 | NR Band n41      | Open        | B        | 100        | 20.25                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.433         | 23.9   |                |
| 2 592.99            | 518598 | NR Band n41      | Close       | B        | 100        | 20.25                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.669         | 22.0   |                |
| 2 592.99            | 518598 | NR Band n41      | Close       | B        | 100        | 20.25                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.055         | 32.8   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Open        | I        | 100        | 17.61                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.616         | 19.7   | 19.2           |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Open        | I        | 100        | 17.61                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.688         | 19.2   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Close       | I        | 100        | 17.61                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.203         | 24.5   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Close       | I        | 100        | 17.61                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.447         | 21.1   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Open        | C        | 100        | 20.47                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.551         | 23.1   | 22.9           |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Open        | C        | 100        | 20.47                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.576         | 22.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Close       | C        | 100        | 20.47                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.226         | 26.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Close       | C        | 100        | 20.47                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.084         | 31.2   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Open        | G        | 100        | 16.71                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.341         | 21.4   | 21.4           |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Open        | G        | 100        | 16.71                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.125         | 25.7   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Close       | G        | 100        | 16.71                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.034         | 31.4   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Close       | G        | 100        | 16.71                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.197         | 23.8   |                |

| MEASUREMENT RESULTS |        |                  |             |          |            |                                |               |                 |      |              |         |           |            |               |        |                |
|---------------------|--------|------------------|-------------|----------|------------|--------------------------------|---------------|-----------------|------|--------------|---------|-----------|------------|---------------|--------|----------------|
| Frequency           |        | Mode             | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position |                 | MPR  | Spacing (mm) | RB Size | RB offset | Duty Cycle | Meas. SAR(1g) | Plimit | Minimum Plimit |
| MHz                 | Ch.    |                  |             |          | MHz        | (dBm)                          |               |                 | (dB) |              |         |           |            | (W/kg)        | (dBm)  | (dBm)          |
| 2 592.99            | 518598 | NR Band n41      | Open        | I        | 100        | 17.88                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.737         | 19.2   | 19.2           |
| 2 592.99            | 518598 | NR Band n41      | Open        | I        | 100        | 17.88                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.717         | 19.3   |                |
| 2 592.99            | 518598 | NR Band n41      | Close       | I        | 100        | 17.88                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.253         | 23.8   |                |
| 2 592.99            | 518598 | NR Band n41      | Close       | I        | 100        | 17.88                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.401         | 21.8   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Open        | B        | 100        | 20.25                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.731         | 21.6   | 21.6           |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Open        | B        | 100        | 20.25                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.433         | 23.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Close       | B        | 100        | 20.25                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.669         | 22.0   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Close       | B        | 100        | 20.25                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.055         | 32.8   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Open        | G        | 100        | 16.71                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.341         | 21.4   | 21.4           |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Open        | G        | 100        | 16.71                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.125         | 25.7   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Close       | G        | 100        | 16.71                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.034         | 31.4   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Close       | G        | 100        | 16.71                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.197         | 23.8   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Open        | C        | 100        | 20.47                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.551         | 23.1   | 22.9           |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Open        | C        | 100        | 20.47                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.576         | 22.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Close       | C        | 100        | 20.47                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.226         | 26.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Close       | C        | 100        | 20.47                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.084         | 31.2   |                |

### MEASUREMENT RESULTS

| Frequency |        | Mode                 | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position |                 | MPR  | Spacing (mm) | RB Size | RB offset | Duty Cycle | Meas. SAR(1g) | Plimit | Minimum Plimit |
|-----------|--------|----------------------|-------------|----------|------------|--------------------------------|---------------|-----------------|------|--------------|---------|-----------|------------|---------------|--------|----------------|
| MHz       | Ch.    |                      |             |          | MHz        | (dBm)                          |               |                 | (dB) |              |         |           |            | (W/kg)        | (dBm)  | (dBm)          |
| 3 679.98  | 645332 | NR Band n48          | Open        | F        | 40         | 16.98                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.243         | 23.1   | 19.4           |
| 3 679.98  | 645332 | NR Band n48          | Open        | F        | 40         | 16.98                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.575         | 19.4   |                |
| 3 679.98  | 645332 | NR Band n48          | Close       | F        | 40         | 16.98                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.012         | 36.2   |                |
| 3 679.98  | 645332 | NR Band n48          | Close       | F        | 40         | 16.98                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.530         | 19.7   |                |
| 3 569.99  | 638000 | NR Band n48 SRS1     | Open        | I        | 40         | 16.91                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.256         | 22.8   | 22.0           |
| 3 569.99  | 638000 | NR Band n48 SRS1     | Open        | I        | 40         | 16.91                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.148         | 25.2   |                |
| 3 569.99  | 638000 | NR Band n48 SRS1     | Close       | I        | 40         | 16.91                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.014         | 35.4   |                |
| 3 569.99  | 638000 | NR Band n48 SRS1     | Close       | I        | 40         | 16.91                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.310         | 22.0   |                |
| 3 569.99  | 638000 | NR Band n48 SRS2     | Open        | E        | 40         | 16.87                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.366         | 21.2   | 21.2           |
| 3 569.99  | 638000 | NR Band n48 SRS2     | Open        | E        | 40         | 16.87                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.366         | 21.2   |                |
| 3 569.99  | 638000 | NR Band n48 SRS2     | Close       | E        | 40         | 16.87                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.069         | 28.5   |                |
| 3 569.99  | 638000 | NR Band n48 SRS2     | Close       | E        | 40         | 16.87                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.275         | 22.5   |                |
| 3 569.99  | 638000 | NR Band n48 SRS3     | Open        | C        | 40         | 16.96                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.183         | 24.3   | 22.6           |
| 3 569.99  | 638000 | NR Band n48 SRS3     | Open        | C        | 40         | 16.96                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.275         | 22.6   |                |
| 3 569.99  | 638000 | NR Band n48 SRS3     | Close       | C        | 40         | 16.96                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.205         | 23.8   |                |
| 3 569.99  | 638000 | NR Band n48 SRS3     | Close       | C        | 40         | 16.96                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.052         | 29.8   |                |
| 3 750     | 650000 | NR Band n77          | Open        | F        | 100        | 17.48                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 271       | 1:1        | 0.245         | 23.6   | 22.2           |
| 3 750     | 650000 | NR Band n77          | Open        | F        | 100        | 17.48                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 271       | 1:1        | 0.339         | 22.2   |                |
| 3 750     | 650000 | NR Band n77          | Close       | F        | 100        | 17.48                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 271       | 1:1        | 0.051         | 30.4   |                |
| 3 750     | 650000 | NR Band n77          | Close       | F        | 100        | 17.48                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 271       | 1:1        | 0.218         | 24.1   |                |
| 3 750     | 650000 | NR Band n77 SRS1     | Open        | I        | 100        | 17.41                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.389         | 21.5   | 21.5           |
| 3 750     | 650000 | NR Band n77 SRS1     | Open        | I        | 100        | 17.41                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.100         | 27.4   |                |
| 3 750     | 650000 | NR Band n77 SRS1     | Close       | I        | 100        | 17.41                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.021         | 34.2   |                |
| 3 750     | 650000 | NR Band n77 SRS1     | Close       | I        | 100        | 17.41                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.181         | 24.8   |                |
| 3 500.01  | 633334 | NR Band n77 DoD SRS1 | Open        | I        | 100        | 16.48                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.291         | 21.8   | 21.8           |
| 3 930     | 662000 | NR Band n77 SRS2     | Open        | E        | 100        | 17.41                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.137         | 26.0   | 22.3           |
| 3 930     | 662000 | NR Band n77 SRS2     | Open        | E        | 100        | 17.41                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.322         | 22.3   |                |
| 3 930     | 662000 | NR Band n77 SRS2     | Close       | E        | 100        | 17.41                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.097         | 27.5   |                |
| 3 930     | 662000 | NR Band n77 SRS2     | Close       | E        | 100        | 17.41                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.246         | 23.5   |                |
| 3 750     | 650000 | NR Band n77 SRS3     | Open        | C        | 100        | 17.47                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.182         | 24.9   | 24.9           |
| 3 750     | 650000 | NR Band n77 SRS3     | Open        | C        | 100        | 17.47                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.136         | 26.1   |                |
| 3 750     | 650000 | NR Band n77 SRS3     | Close       | C        | 100        | 17.47                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.231         | 23.8   |                |
| 3 750     | 650000 | NR Band n77 SRS3     | Close       | C        | 100        | 17.47                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.038         | 31.7   |                |
| 3 500.01  | 633334 | NR Band n77 DoD SRS3 | Close       | C        | 100        | 17.46                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.256         | 23.4   | 23.4           |

Table A-8 DSI = 0 *PLimit* Calculations – WLAN Body-Worn SAR

| MEASUREMENT RESULTS |     |               |               |                |             |              |                                      |                  |                 |               |                  |                   |        |                   |
|---------------------|-----|---------------|---------------|----------------|-------------|--------------|--------------------------------------|------------------|-----------------|---------------|------------------|-------------------|--------|-------------------|
| Frequency           |     | Mode/<br>Band | Band<br>width | Form<br>Factor | Ant.<br>No. | Data<br>Rate | Frame Averaged<br>Conducted<br>Power | Test<br>Position | Ant.<br>Config. | Duty<br>Cycle | Meas.<br>SAR(1g) | Scaling<br>Factor | Plimit | Minimum<br>Plimit |
| MHz                 | Ch. |               | (MHz)         |                |             | (Mbps)       | (dBm)                                |                  |                 |               | (W/kg)           | (Duty)            | (dBm)  | (dBm)             |
| 2 462               | 11  | 802.11b       | 20            | Open           | G           | 1            | 15.49                                | Rear             | WIFI1           | 98.8          | 0.165            | 1.012             | 22.3   | 22.3              |
| 2 462               | 11  | 802.11b       | 20            | Open           | G           | 1            | 15.49                                | Front            | WIFI1           | 98.8          | 0.128            | 1.012             | 23.4   |                   |
| 2 462               | 11  | 802.11b       | 20            | Close          | G           | 1            | 15.49                                | Rear             | WIFI1           | 98.8          | 0.040            | 1.012             | 28.5   |                   |
| 2 462               | 11  | 802.11b       | 20            | Close          | G           | 1            | 15.49                                | Front            | WIFI1           | 98.8          | 0.164            | 1.012             | 22.4   |                   |
| 2 462               | 11  | 802.11b       | 20            | Open           | H           | 1            | 14.42                                | Rear             | WIFI2           | 98.8          | 0.061            | 1.012             | 25.6   | 21.4              |
| 2 462               | 11  | 802.11b       | 20            | Open           | H           | 1            | 14.42                                | Front            | WIFI2           | 98.8          | 0.161            | 1.012             | 21.4   |                   |
| 2 462               | 11  | 802.11b       | 20            | Close          | H           | 1            | 14.42                                | Rear             | WIFI2           | 98.8          | 0.063            | 1.012             | 25.5   |                   |
| 2 462               | 11  | 802.11b       | 20            | Close          | H           | 1            | 14.42                                | Front            | WIFI2           | 98.8          | 0.057            | 1.012             | 25.9   |                   |
| 2 462               | 11  | 802.11b       | 20            | Open           | G+H         | 1            | 14.42                                | Rear             | MIMO            | 98.8          | 0.473            | 1.012             | 16.7   | 16.7              |
| 2 462               | 11  | 802.11b       | 20            | Open           | G+H         | 1            | 14.42                                | Front            | MIMO            | 98.8          | 0.278            | 1.012             | 19.0   |                   |
| 2 462               | 11  | 802.11b       | 20            | Close          | G+H         | 1            | 14.42                                | Rear             | MIMO            | 98.8          | 0.077            | 1.012             | 24.6   |                   |
| 2 462               | 11  | 802.11b       | 20            | Close          | G+H         | 1            | 14.42                                | Front            | MIMO            | 98.8          | 0.230            | 1.012             | 19.8   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Open           | F           | MCS0         | 15.57                                | Rear             | WIFI1           | 85.9          | 0.257            | 1.164             | 20.5   | 20.5              |
| 5 290               | 58  | 802.11ac      | 80            | Open           | F           | MCS0         | 15.57                                | Front            | WIFI1           | 85.9          | 0.202            | 1.164             | 21.5   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Close          | F           | MCS0         | 15.57                                | Rear             | WIFI1           | 85.9          | 0.058            | 1.164             | 27.0   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Close          | F           | MCS0         | 15.57                                | Front            | WIFI1           | 85.9          | 0.230            | 1.164             | 21.0   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.52                                | Rear             | WIFI1           | 85.9          | 0.344            | 1.164             | 19.2   | 19.2              |
| 5 690               | 138 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.52                                | Front            | WIFI1           | 85.9          | 0.244            | 1.164             | 20.7   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.52                                | Rear             | WIFI1           | 85.9          | 0.031            | 1.164             | 29.6   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.52                                | Front            | WIFI1           | 85.9          | 0.244            | 1.164             | 20.7   |                   |
| 5 775               | 155 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.54                                | Rear             | WIFI1           | 85.9          | 0.224            | 1.164             | 21.1   | 21.1              |
| 5 775               | 155 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.54                                | Front            | WIFI1           | 85.9          | 0.192            | 1.164             | 21.7   |                   |
| 5 775               | 155 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.54                                | Rear             | WIFI1           | 85.9          | 0.000            | 1.164             | 0.0    |                   |
| 5 775               | 155 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.54                                | Front            | WIFI1           | 85.9          | 0.187            | 1.164             | 21.9   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.97                                | Rear             | WIFI1           | 85.9          | 0.168            | 1.164             | 22.7   | 22.2              |
| 5 855               | 171 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.97                                | Front            | WIFI1           | 85.9          | 0.190            | 1.164             | 22.2   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.97                                | Rear             | WIFI1           | 85.9          | 0.001            | 1.164             | 45.0   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.97                                | Front            | WIFI1           | 85.9          | 0.162            | 1.164             | 22.9   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Open           | H           | MCS0         | 15.25                                | Rear             | WIFI2           | 85.9          | 0.047            | 1.164             | 27.6   | 25.4              |
| 5 290               | 58  | 802.11ac      | 80            | Open           | H           | MCS0         | 15.25                                | Front            | WIFI2           | 85.9          | 0.060            | 1.164             | 26.5   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Close          | H           | MCS0         | 15.25                                | Rear             | WIFI2           | 85.9          | 0.024            | 1.164             | 30.5   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Close          | H           | MCS0         | 15.25                                | Front            | WIFI2           | 85.9          | 0.078            | 1.164             | 25.4   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.23                                | Rear             | WIFI2           | 85.9          | 0.133            | 1.164             | 23.0   | 23.0              |
| 5 690               | 138 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.23                                | Front            | WIFI2           | 85.9          | 0.118            | 1.164             | 23.5   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.23                                | Rear             | WIFI2           | 85.9          | 0.00             | 1.164             | 0.0    |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.23                                | Front            | WIFI2           | 85.9          | 0.062            | 1.164             | 26.3   |                   |
| 5 775               | 155 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.24                                | Rear             | WIFI2           | 85.9          | 0.104            | 1.164             | 24.1   | 23.6              |
| 5 775               | 155 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.24                                | Front            | WIFI2           | 85.9          | 0.117            | 1.164             | 23.6   |                   |
| 5 775               | 155 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.24                                | Rear             | WIFI2           | 85.9          | 0.003            | 1.164             | 39.5   |                   |
| 5 775               | 155 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.24                                | Front            | WIFI2           | 85.9          | 0.078            | 1.164             | 25.4   |                   |

| MEASUREMENT RESULTS |     |               |               |                |             |              |                                      |                  |                 |               |                  |                   |        |                   |
|---------------------|-----|---------------|---------------|----------------|-------------|--------------|--------------------------------------|------------------|-----------------|---------------|------------------|-------------------|--------|-------------------|
| Frequency           |     | Mode/<br>Band | Band<br>width | Form<br>Factor | Ant.<br>No. | Data<br>Rate | Frame Averaged<br>Conducted<br>Power | Test<br>Position | Ant.<br>Config. | Duty<br>Cycle | Meas.<br>SAR(1g) | Scaling<br>Factor | Plimit | Minimum<br>Plimit |
| MHz                 | Ch. |               | (MHz)         |                |             | (Mbps)       | (dBm)                                |                  |                 |               | (W/kg)           | (Duty)            | (dBm)  | (dBm)             |
| 5 855               | 171 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.96                                | Rear             | WIFI2           | 85.9          | 0.232            | 1.164             | 21.3   | 21.3              |
| 5 855               | 171 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.96                                | Front            | WIFI2           | 85.9          | 0.120            | 1.164             | 24.2   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.96                                | Rear             | WIFI2           | 85.9          | 0.005            | 1.164             | 39.0   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.96                                | Front            | WIFI2           | 85.9          | 0.161            | 1.164             | 22.9   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.25                                | Rear             | MIMO            | 85.9          | 0.294            | 1.164             | 19.4   | 19.3              |
| 5 290               | 58  | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.25                                | Front            | MIMO            | 85.9          | 0.316            | 1.164             | 19.1   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.25                                | Rear             | MIMO            | 85.9          | 0.117            | 1.164             | 23.4   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.25                                | Front            | MIMO            | 85.9          | 0.240            | 1.164             | 20.3   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.23                                | Rear             | MIMO            | 85.9          | 0.304            | 1.164             | 19.4   | 19.4              |
| 5 690               | 138 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.23                                | Front            | MIMO            | 85.9          | 0.293            | 1.164             | 19.6   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.23                                | Rear             | MIMO            | 85.9          | 0.061            | 1.164             | 26.4   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.23                                | Front            | MIMO            | 85.9          | 0.253            | 1.164             | 20.2   |                   |
| 5 775               | 155 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.24                                | Rear             | MIMO            | 85.9          | 0.251            | 1.164             | 20.3   | 18.7              |
| 5 775               | 155 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.24                                | Front            | MIMO            | 85.9          | 0.247            | 1.164             | 20.3   |                   |
| 5 775               | 155 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.24                                | Rear             | MIMO            | 85.9          | 0.019            | 1.164             | 31.5   |                   |
| 5 775               | 155 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.24                                | Front            | MIMO            | 85.9          | 0.359            | 1.164             | 18.7   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.96                                | Rear             | MIMO            | 85.9          | 0.183            | 1.164             | 22.4   | 21.6              |
| 5 855               | 171 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.96                                | Front            | MIMO            | 85.9          | 0.169            | 1.164             | 22.7   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.96                                | Rear             | MIMO            | 85.9          | 0.010            | 1.164             | 35.0   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.96                                | Front            | MIMO            | 85.9          | 0.220            | 1.164             | 21.6   |                   |
| 6 165               | 43  | 802.11ax      | 40            | Open           | F           | MCS0         | 10.91                                | Rear             | WIFI1           | 99.6          | 0.024            | 1.004             | 26.1   | 24.9              |
| 6 165               | 43  | 802.11ax      | 40            | Open           | F           | MCS0         | 10.91                                | Front            | WIFI1           | 99.6          | 0.032            | 1.004             | 24.9   |                   |
| 6 165               | 43  | 802.11ax      | 40            | Close          | F           | MCS0         | 10.91                                | Rear             | WIFI1           | 99.6          | 0.000            | 1.004             | 0.0    |                   |
| 6 165               | 43  | 802.11ax      | 40            | Close          | F           | MCS0         | 10.91                                | Front            | WIFI1           | 99.6          | 0.017            | 1.004             | 27.6   |                   |
| 6 165               | 43  | 802.11ax      | 40            | Open           | H           | MCS0         | 9.94                                 | Rear             | WIFI2           | 99.6          | 0.004            | 1.004             | 33.0   | 29.4              |
| 6 165               | 43  | 802.11ax      | 40            | Open           | H           | MCS0         | 9.94                                 | Front            | WIFI2           | 99.6          | 0.000            | 1.004             | 0      |                   |
| 6 165               | 43  | 802.11ax      | 40            | Close          | H           | MCS0         | 9.94                                 | Rear             | WIFI2           | 99.6          | 0.009            | 1.004             | 29.4   |                   |
| 6 165               | 43  | 802.11ax      | 40            | Close          | H           | MCS0         | 9.94                                 | Front            | WIFI2           | 99.6          | 0.000            | 1.004             | 0      |                   |
| 6 165               | 43  | 802.11ax      | 40            | Open           | F+H         | MCS0         | 9.94                                 | Rear             | MIMO            | 99.6          | 0.028            | 1.004             | 24.5   | 29.4              |
| 6 165               | 43  | 802.11ax      | 40            | Open           | F+H         | MCS0         | 9.94                                 | Front            | MIMO            | 99.6          | 0.032            | 1.004             | 23.9   |                   |
| 6 165               | 43  | 802.11ax      | 40            | Close          | F+H         | MCS0         | 9.94                                 | Rear             | MIMO            | 99.6          | 0.009            | 1.004             | 29.4   |                   |
| 6 165               | 43  | 802.11ax      | 40            | Close          | F+H         | MCS0         | 9.94                                 | Front            | MIMO            | 99.6          | 0.17             | 1.004             | 26.7   |                   |

### MEASUREMENT RESULTS

| Frequency |     | Mode/ Band | Form Factor | Ant. No. | Frame Averaged Conducted Power | Test Position | Ant. Config. | Meas. SAR(1g) | Scaling Factor | Plimit | Minimum Plimit |
|-----------|-----|------------|-------------|----------|--------------------------------|---------------|--------------|---------------|----------------|--------|----------------|
| MHz       | Ch. |            |             |          | (dBm)                          |               |              | (W/kg)        | (Duty)         | (dBm)  | (dBm)          |
| 2 402     | 0   | DH5        | Open        | G        | 18.62                          | Rear          | Bluetooth1   | 0.180         | 1.013          | 25.1   | 24.9           |
| 2 402     | 0   | DH5        | Open        | G        | 18.62                          | Front         | Bluetooth1   | 0.190         | 1.013          | 24.9   |                |
| 2 402     | 0   | DH5        | Close       | G        | 18.62                          | Rear          | Bluetooth1   | 0.030         | 1.013          | 32.9   |                |
| 2 402     | 0   | DH5        | Close       | G        | 18.62                          | Front         | Bluetooth1   | 0.178         | 1.013          | 25.1   |                |
| 2 441     | 39  | DH5        | Open        | H        | 19.03                          | Rear          | Bluetooth2   | 0.130         | 1.013          | 26.9   | 24.3           |
| 2 441     | 39  | DH5        | Open        | H        | 19.03                          | Front         | Bluetooth2   | 0.240         | 1.013          | 24.3   |                |
| 2 441     | 39  | DH5        | Close       | H        | 19.03                          | Rear          | Bluetooth2   | 0.110         | 1.013          | 27.6   |                |
| 2 441     | 39  | DH5        | Close       | H        | 19.03                          | Front         | Bluetooth2   | 0.210         | 1.013          | 24.8   |                |
| 2441      | 39  | DH5        | Open        | G+H      | 14.32                          | Rear          | Dual         | 0.307         | 1.013          | 18.5   | 17.9           |
| 2 441     | 39  | DH5        | Open        | G+H      | 14.32                          | Front         | Dual         | 0.351         | 1.013          | 17.9   |                |
| 2 441     | 39  | DH5        | Close       | G+H      | 14.32                          | Rear          | Dual         | 0.046         | 1.013          | 26.7   |                |
| 2 441     | 39  | DH5        | Close       | G+H      | 14.32                          | Front         | Dual         | 0.287         | 1.013          | 18.8   |                |

**Table A-9 RSI = 2,4  $P_{Limit}$  Calculations – 2G/3G Hotspot SAR**

For some bands/modes, a lower  $P_{Limit}$  was selected as a more conservative evaluation.

| MEASUREMENT RESULTS |     |            |         |             |          |                                      |               |              |            |                      |              |                      |
|---------------------|-----|------------|---------|-------------|----------|--------------------------------------|---------------|--------------|------------|----------------------|--------------|----------------------|
| Frequency           |     | Mode/ Band |         | Form Factor | Ant. No. | Frame Averaged Conducted Power (dBm) | Test Position | Spacing (mm) | Duty Cycle | Meas. SAR(1g) (W/kg) | Plimit (dBm) | Minimum Plimit (dBm) |
| MHz                 | Ch. |            |         |             |          |                                      |               |              |            |                      |              |                      |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Open        | A        | 21.28                                | Rear          | 5            | 1:2.07     | 0.515                | 24.2         | 24.2                 |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Open        | A        | 21.28                                | Front         | 5            | 1:2.07     | 0.369                | 25.6         |                      |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Open        | A        | 21.28                                | Right         | 5            | 1:2.07     | 0.379                | 25.5         |                      |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Open        | A        | 21.28                                | Bottom        | 5            | 1:2.07     | 0.507                | 24.2         |                      |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Close       | A        | 21.28                                | Rear          | 5            | 1:2.07     | 0.309                | 26.4         |                      |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Close       | A        | 21.28                                | Front         | 5            | 1:2.07     | 0.058                | 33.6         |                      |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Close       | A        | 21.28                                | Right         | 5            | 1:2.07     | 0.430                | 24.9         |                      |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Close       | A        | 21.28                                | Bottom        | 5            | 1:2.07     | 0.458                | 24.7         |                      |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Open        | E        | 20.02                                | Rear          | 5            | 1:2.07     | 0.381                | 24.2         | 22.9                 |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Open        | E        | 20.02                                | Front         | 5            | 1:2.07     | 0.417                | 23.8         |                      |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Open        | E        | 20.02                                | Left          | 5            | 1:2.07     | 0.515                | 22.9         |                      |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Open        | E        | 20.02                                | Top           | 5            | 1:2.07     | 0.034                | 34.7         |                      |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Close       | E        | 20.02                                | Rear          | 5            | 1:2.07     | 0.089                | 30.5         |                      |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Close       | E        | 20.02                                | Front         | 5            | 1:2.07     | 0.285                | 25.5         |                      |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Close       | E        | 20.02                                | Left          | 5            | 1:2.07     | 0.259                | 25.9         |                      |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Close       | E        | 20.02                                | Top           | 5            | 1:2.07     | 0.015                | 38.3         |                      |
| 836.5               | 190 | GSM 850    | GPRS4Tx | Close       | E        | 20.02                                | Bottom        | 5            | 1:2.07     | 0.024                | 36.2         |                      |
| 1 850               | 512 | GSM 1900   | GPRS4Tx | Open        | B        | 22.43                                | Rear          | 5            | 1:2.07     | 0.486                | 22.4         | 22.9                 |
| 1 850               | 512 | GSM 1900   | GPRS4Tx | Open        | B        | 22.43                                | Front         | 5            | 1:2.07     | 0.287                | 24.7         |                      |
| 1 850               | 512 | GSM 1900   | GPRS4Tx | Open        | B        | 22.43                                | Left          | 5            | 1:2.07     | 0.170                | 27.0         |                      |
| 1 850               | 512 | GSM 1900   | GPRS4Tx | Open        | B        | 22.43                                | Bottom        | 5            | 1:2.07     | 0.645                | 21.2         |                      |
| 1 850               | 512 | GSM 1900   | GPRS4Tx | Close       | B        | 22.43                                | Rear          | 5            | 1:2.07     | 0.369                | 23.6         |                      |
| 1 850               | 512 | GSM 1900   | GPRS4Tx | Close       | B        | 22.43                                | Front         | 5            | 1:2.07     | 0.056                | 31.8         |                      |
| 1 850               | 512 | GSM 1900   | GPRS4Tx | Close       | B        | 22.43                                | Left          | 5            | 1:2.07     | 0.112                | 28.8         |                      |
| 1 850               | 512 | GSM 1900   | GPRS4Tx | Close       | B        | 22.43                                | Bottom        | 5            | 1:2.07     | 0.478                | 22.5         |                      |

| MEASUREMENT RESULTS |      |             |     |             |          |                                      |               |              |            |                      |              |                      |
|---------------------|------|-------------|-----|-------------|----------|--------------------------------------|---------------|--------------|------------|----------------------|--------------|----------------------|
| Frequency           |      | Mode/ Band  |     | Form Factor | Ant. No. | Frame Averaged Conducted Power (dBm) | Test Position | Spacing (mm) | Duty Cycle | Meas. SAR(1g) (W/kg) | Plimit (dBm) | Minimum Plimit (dBm) |
| MHz                 | Ch.  |             |     |             |          |                                      |               |              |            |                      |              |                      |
| 836.5               | 4183 | UMTS Band 5 | RMC | Open        | A        | 22.17                                | Rear          | 5            | 1:1        | 0.646                | 24.1         | 24.1                 |
| 836.5               | 4183 | UMTS Band 5 | RMC | Open        | A        | 22.17                                | Front         | 5            | 1:1        | 0.462                | 25.5         |                      |
| 836.5               | 4183 | UMTS Band 5 | RMC | Open        | A        | 22.17                                | Right         | 5            | 1:1        | 0.477                | 25.4         |                      |
| 836.5               | 4183 | UMTS Band 5 | RMC | Open        | A        | 22.17                                | Bottom        | 5            | 1:1        | 0.573                | 24.6         |                      |
| 836.5               | 4183 | UMTS Band 5 | RMC | Close       | A        | 22.17                                | Rear          | 5            | 1:1        | 0.292                | 27.5         |                      |
| 836.5               | 4183 | UMTS Band 5 | RMC | Close       | A        | 22.17                                | Front         | 5            | 1:1        | 0.059                | 34.5         |                      |
| 836.5               | 4183 | UMTS Band 5 | RMC | Close       | A        | 22.17                                | Right         | 5            | 1:1        | 0.387                | 26.3         |                      |
| 836.5               | 4183 | UMTS Band 5 | RMC | Close       | A        | 22.17                                | Bottom        | 5            | 1:1        | 0.440                | 25.7         |                      |
| 836.5               | 4183 | UMTS Band 5 | RMC | Open        | E        | 18.94                                | Rear          | 5            | 1:1        | 0.419                | 22.7         | 21.8                 |
| 836.5               | 4183 | UMTS Band 5 | RMC | Open        | E        | 18.94                                | Front         | 5            | 1:1        | 0.329                | 23.8         |                      |
| 836.5               | 4183 | UMTS Band 5 | RMC | Open        | E        | 18.94                                | Left          | 5            | 1:1        | 0.518                | 21.8         |                      |
| 836.5               | 4183 | UMTS Band 5 | RMC | Open        | E        | 18.94                                | Top           | 5            | 1:1        | 0.034                | 33.6         |                      |
| 836.5               | 4183 | UMTS Band 5 | RMC | Close       | E        | 18.94                                | Rear          | 5            | 1:1        | 0.091                | 29.3         |                      |
| 836.5               | 4183 | UMTS Band 5 | RMC | Close       | E        | 18.94                                | Front         | 5            | 1:1        | 0.257                | 24.8         |                      |
| 836.5               | 4183 | UMTS Band 5 | RMC | Close       | E        | 18.94                                | Left          | 5            | 1:1        | 0.404                | 22.9         |                      |
| 836.5               | 4183 | UMTS Band 5 | RMC | Close       | E        | 18.94                                | Bottom        | 5            | 1:1        | 0.025                | 35.0         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Open        | B        | 18.25                                | Rear          | 5            | 1:1        | 0.543                | 20.9         | 20.9                 |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Open        | B        | 18.25                                | Front         | 5            | 1:1        | 0.252                | 24.2         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Open        | B        | 18.25                                | Left          | 5            | 1:1        | 0.131                | 27.1         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Open        | B        | 18.25                                | Bottom        | 5            | 1:1        | 0.509                | 21.2         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Close       | B        | 18.25                                | Rear          | 5            | 1:1        | 0.329                | 23.1         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Close       | B        | 18.25                                | Front         | 5            | 1:1        | 0.026                | 34.1         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Close       | B        | 18.25                                | Left          | 5            | 1:1        | 0.093                | 28.6         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Close       | B        | 18.25                                | Bottom        | 5            | 1:1        | 0.325                | 23.1         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Open        | I        | 19.46                                | Rear          | 5            | 1:1        | 0.249                | 25.5         | 21.5                 |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Open        | I        | 19.46                                | Front         | 5            | 1:1        | 0.102                | 29.4         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Open        | I        | 19.46                                | Left          | 5            | 1:1        | 0.622                | 21.5         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Open        | I        | 19.46                                | Bottom        | 5            | 1:1        | 0.042                | 33.2         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Close       | I        | 19.46                                | Rear          | 5            | 1:1        | 0.011                | 39.0         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Close       | I        | 19.46                                | Front         | 5            | 1:1        | 0.111                | 29.0         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Close       | I        | 19.46                                | Left          | 5            | 1:1        | 0.373                | 23.7         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Close       | I        | 19.46                                | Top           | 5            | 1:1        | 0.003                | 44.7         |                      |
| 1 732.4             | 1412 | UMTS Band 4 | RMC | Close       | I        | 19.46                                | Bottom        | 5            | 1:1        | 0.024                | 35.7         |                      |

| MEASUREMENT RESULTS |      |             |     |             |           |                                |               |              |            |               |        |                |
|---------------------|------|-------------|-----|-------------|-----------|--------------------------------|---------------|--------------|------------|---------------|--------|----------------|
| Frequency           |      | Mode/ Band  |     | Form Factor | Ant . No. | Frame Averaged Conducted Power | Test Position | Spacing (mm) | Duty Cycle | Meas. SAR(1g) | Plimit | Minimum Plimit |
|                     |      |             |     |             |           | (dBm)                          |               |              |            | (W/kg)        | (dBm)  | (dBm)          |
| 1 880               | 9400 | UMTS Band 2 | RMC | Open        | B         | 18.23                          | Rear          | 5            | 1:1        | 0.421         | 22.0   | 21.0           |
| 1 880               | 9400 | UMTS Band 2 | RMC | Open        | B         | 18.23                          | Front         | 5            | 1:1        | 0.195         | 25.3   |                |
| 1 880               | 9400 | UMTS Band 2 | RMC | Open        | B         | 18.23                          | Left          | 5            | 1:1        | 0.135         | 26.9   |                |
| 1 880               | 9400 | UMTS Band 2 | RMC | Open        | B         | 18.23                          | Bottom        | 5            | 1:1        | 0.523         | 21.0   |                |
| 1 880               | 9400 | UMTS Band 2 | RMC | Close       | B         | 18.23                          | Rear          | 5            | 1:1        | 0.356         | 22.7   |                |
| 1 880               | 9400 | UMTS Band 2 | RMC | Close       | B         | 18.23                          | Front         | 5            | 1:1        | 0.029         | 33.6   |                |
| 1 880               | 9400 | UMTS Band 2 | RMC | Close       | B         | 18.23                          | Left          | 5            | 1:1        | 0.089         | 28.7   |                |
| 1 880               | 9400 | UMTS Band 2 | RMC | Close       | B         | 18.23                          | Bottom        | 5            | 1:1        | 0.426         | 21.9   |                |
| 1 880               | 9400 | UMTS Band 2 | RMC | Open        | I         | 19.12                          | Rear          | 5            | 1:1        | 0.399         | 23.1   | 22.7           |
| 1 880               | 9400 | UMTS Band 2 | RMC | Open        | I         | 19.12                          | Front         | 5            | 1:1        | 0.283         | 24.6   |                |
| 1 880               | 9400 | UMTS Band 2 | RMC | Open        | I         | 19.12                          | Right         | 5            | 1:1        | 0.436         | 22.7   |                |
| 1 880               | 9400 | UMTS Band 2 | RMC | Open        | I         | 19.12                          | Top           | 5            | 1:1        | 0.051         | 32.0   |                |
| 1 880               | 9400 | UMTS Band 2 | RMC | Open        | I         | 19.12                          | Rear          | 5            | 1:1        | 0.027         | 34.8   |                |
| 1 880               | 9400 | UMTS Band 2 | RMC | Close       | I         | 19.12                          | Front         | 5            | 1:1        | 0.197         | 26.2   |                |
| 1 880               | 9400 | UMTS Band 2 | RMC | Close       | I         | 19.12                          | Right         | 5            | 1:1        | 0.277         | 24.7   |                |
| 1 880               | 9400 | UMTS Band 2 | RMC | Close       | I         | 19.12                          | Top           | 5            | 1:1        | 0.000         | -      |                |
| 1 880               | 9400 | UMTS Band 2 | RMC | Close       | I         | 19.12                          | Bottom        | 5            | 1:1        | 0.032         | 23.1   |                |

**Table A-10 RSI = 2,4  $P_{Limit}$  Calculations – 4G Hotspot SAR**

For some bands/modes, a lower  $P_{Limit}$  was selected as a more conservative evaluation.

| MEASUREMENT RESULTS |       |             |             |          |            |                                |               |              |      |         |           |            |                |        |                |
|---------------------|-------|-------------|-------------|----------|------------|--------------------------------|---------------|--------------|------|---------|-----------|------------|----------------|--------|----------------|
| Frequency           |       | Mode        | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position | Spacing (mm) | MPR  | RB Size | RB offset | Duty Cycle | Meas. SAR (1g) | Plimit | Minimum Plimit |
|                     |       |             |             |          | MHz        | (dBm)                          |               |              | (dB) |         |           |            | (W/kg)         | (dBm)  | (dBm)          |
| 2 535               | 21100 | LTE Band 7  | Open        | B        | 20         | 19.63                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.810          | 20.5   | 20.5           |
| 2 535               | 21100 | LTE Band 7  | Open        | B        | 20         | 19.63                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.255          | 25.6   |                |
| 2 535               | 21100 | LTE Band 7  | Open        | B        | 20         | 19.63                          | Left          | 5            | 0    | 1       | 0         | 1:1        | 0.140          | 28.2   |                |
| 2 535               | 21100 | LTE Band 7  | Open        | B        | 20         | 19.63                          | Bottom        | 5            | 0    | 1       | 0         | 1:1        | 0.606          | 21.8   |                |
| 2 535               | 21100 | LTE Band 7  | Close       | B        | 20         | 19.63                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.626          | 21.7   |                |
| 2 535               | 21100 | LTE Band 7  | Close       | B        | 20         | 19.63                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.066          | 31.4   |                |
| 2 535               | 21100 | LTE Band 7  | Close       | B        | 20         | 19.63                          | Left          | 5            | 0    | 1       | 0         | 1:1        | 0.059          | 31.9   |                |
| 2 535               | 21100 | LTE Band 7  | Close       | B        | 20         | 19.63                          | Bottom        | 5            | 0    | 1       | 0         | 1:1        | 0.491          | 22.7   |                |
| 2 510               | 20850 | LTE Band 7  | Open        | I        | 20         | 18.21                          | Rear          | 5            | 0    | 1       | 49        | 1:1        | 0.644          | 20.1   | 19.7           |
| 2 510               | 20850 | LTE Band 7  | Open        | I        | 20         | 18.21                          | Front         | 5            | 0    | 1       | 49        | 1:1        | 0.520          | 21.0   |                |
| 2 510               | 20850 | LTE Band 7  | Open        | I        | 20         | 18.21                          | Right         | 5            | 0    | 1       | 49        | 1:1        | 0.705          | 19.7   |                |
| 2 510               | 20850 | LTE Band 7  | Open        | I        | 20         | 18.21                          | Top           | 5            | 0    | 1       | 49        | 1:1        | 0.093          | 28.5   |                |
| 2 510               | 20850 | LTE Band 7  | Close       | I        | 20         | 18.21                          | Rear          | 5            | 0    | 1       | 49        | 1:1        | 0.186          | 25.5   |                |
| 2 510               | 20850 | LTE Band 7  | Close       | I        | 20         | 18.21                          | Front         | 5            | 0    | 1       | 49        | 1:1        | 0.492          | 21.3   |                |
| 2 510               | 20850 | LTE Band 7  | Close       | I        | 20         | 18.21                          | Right         | 5            | 0    | 1       | 49        | 1:1        | 0.590          | 20.5   |                |
| 2 510               | 20850 | LTE Band 7  | Close       | I        | 20         | 18.21                          | Top           | 5            | 0    | 1       | 49        | 1:1        | 0.026          | 34.1   |                |
| 2 510               | 20850 | LTE Band 7  | Close       | I        | 20         | 18.21                          | Bottom        | 5            | 0    | 1       | 49        | 1:1        | 0.098          | 28.3   | 24.6           |
| 707.5               | 23095 | LTE Band 12 | Open        | A        | 10         | 23.07                          | Rear          | 5            | 0    | 1       | 24        | 1:1        | 0.699          | 24.6   |                |
| 707.5               | 23095 | LTE Band 12 | Open        | A        | 10         | 23.07                          | Front         | 5            | 0    | 1       | 24        | 1:1        | 0.415          | 26.9   |                |
| 707.5               | 23095 | LTE Band 12 | Open        | A        | 10         | 23.07                          | Right         | 5            | 0    | 1       | 24        | 1:1        | 0.414          | 26.9   |                |
| 707.5               | 23095 | LTE Band 12 | Open        | A        | 10         | 23.07                          | Bottom        | 5            | 0    | 1       | 24        | 1:1        | 0.532          | 25.8   |                |
| 707.5               | 23095 | LTE Band 12 | Close       | A        | 10         | 23.07                          | Rear          | 5            | 0    | 1       | 24        | 1:1        | 0.593          | 25.3   |                |
| 707.5               | 23095 | LTE Band 12 | Close       | A        | 10         | 23.07                          | Front         | 5            | 0    | 1       | 24        | 1:1        | 0.087          | 33.7   |                |
| 707.5               | 23095 | LTE Band 12 | Close       | A        | 10         | 23.07                          | Right         | 5            | 0    | 1       | 24        | 1:1        | 0.407          | 27.0   |                |
| 707.5               | 23095 | LTE Band 12 | Close       | A        | 10         | 23.07                          | Bottom        | 5            | 0    | 1       | 24        | 1:1        | 0.433          | 26.7   | 24.5           |
| 707.5               | 23095 | LTE Band 12 | Open        | E        | 10         | 18.45                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.128          | 27.4   |                |
| 707.5               | 23095 | LTE Band 12 | Open        | E        | 10         | 18.45                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.114          | 27.9   |                |
| 707.5               | 23095 | LTE Band 12 | Open        | E        | 10         | 18.45                          | Left          | 5            | 0    | 1       | 0         | 1:1        | 0.153          | 26.6   |                |
| 707.5               | 23095 | LTE Band 12 | Open        | E        | 10         | 18.45                          | Top           | 5            | 0    | 1       | 0         | 1:1        | 0.0068         | 40.0   |                |
| 707.5               | 23095 | LTE Band 12 | Close       | E        | 10         | 18.45                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.018          | 35.9   |                |
| 707.5               | 23095 | LTE Band 12 | Close       | E        | 10         | 18.45                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.057          | 30.9   |                |
| 707.5               | 23095 | LTE Band 12 | Close       | E        | 10         | 18.45                          | Left          | 5            | 0    | 1       | 0         | 1:1        | 0.246          | 24.5   |                |
| 707.5               | 23095 | LTE Band 12 | Close       | E        | 10         | 18.45                          | Top           | 5            | 0    | 1       | 0         | 1:1        | 0.015          | 36.7   | 24.5           |
| 707.5               | 23095 | LTE Band 12 | Close       | E        | 10         | 18.45                          | Bottom        | 5            | 0    | 1       | 0         | 1:1        | 0.019          | 35.7   |                |

| MEASUREMENT RESULTS |       |             |             |          |            |                                |               |              |      |         |           |            |                |        |                |
|---------------------|-------|-------------|-------------|----------|------------|--------------------------------|---------------|--------------|------|---------|-----------|------------|----------------|--------|----------------|
| Frequency           |       | Mode        | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position | Spacing (mm) | MPR  | RB Size | RB offset | Duty Cycle | Meas. SAR (1g) | Plimit | Minimum Plimit |
| MHz                 | Ch.   |             |             |          | MHz        | (dBm)                          |               |              | (dB) |         |           |            | (W/kg)         | (dBm)  | (dBm)          |
| 782                 | 23230 | LTE Band 13 | Open        | A        | 10         | 23.27                          | Rear          | 5            | 0    | 1       | 24        | 1:1        | 0.811          | 24.2   | 24.2           |
| 782                 | 23230 | LTE Band 13 | Open        | A        | 10         | 23.27                          | Front         | 5            | 0    | 1       | 24        | 1:1        | 0.615          | 25.4   |                |
| 782                 | 23230 | LTE Band 13 | Open        | A        | 10         | 23.27                          | Right         | 5            | 0    | 1       | 24        | 1:1        | 0.618          | 25.4   |                |
| 782                 | 23230 | LTE Band 13 | Open        | A        | 10         | 23.27                          | Bottom        | 5            | 0    | 1       | 24        | 1:1        | 0.765          | 24.4   |                |
| 782                 | 23230 | LTE Band 13 | Close       | A        | 10         | 23.27                          | Rear          | 5            | 0    | 1       | 24        | 1:1        | 0.783          | 24.3   |                |
| 782                 | 23230 | LTE Band 13 | Close       | A        | 10         | 23.27                          | Front         | 5            | 0    | 1       | 24        | 1:1        | 0.169          | 31.0   |                |
| 782                 | 23230 | LTE Band 13 | Close       | A        | 10         | 23.27                          | Right         | 5            | 0    | 1       | 24        | 1:1        | 0.624          | 25.3   |                |
| 782                 | 23230 | LTE Band 13 | Close       | A        | 10         | 23.27                          | Bottom        | 5            | 0    | 1       | 24        | 1:1        | 0.626          | 25.3   |                |
| 782                 | 23230 | LTE Band 13 | Open        | E        | 10         | 17.82                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.211          | 24.6   | 22.6           |
| 782                 | 23230 | LTE Band 13 | Open        | E        | 10         | 17.82                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.253          | 23.8   |                |
| 782                 | 23230 | LTE Band 13 | Open        | E        | 10         | 17.82                          | Left          | 5            | 0    | 1       | 0         | 1:1        | 0.329          | 22.6   |                |
| 782                 | 23230 | LTE Band 13 | Open        | E        | 10         | 17.82                          | Top           | 5            | 0    | 1       | 0         | 1:1        | 0.029          | 33.2   |                |
| 782                 | 23230 | LTE Band 13 | Close       | E        | 10         | 17.82                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.062          | 29.9   |                |
| 782                 | 23230 | LTE Band 13 | Close       | E        | 10         | 17.82                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.181          | 25.2   |                |
| 782                 | 23230 | LTE Band 13 | Close       | E        | 10         | 17.82                          | Left          | 5            | 0    | 1       | 0         | 1:1        | 0.114          | 27.3   |                |
| 782                 | 23230 | LTE Band 13 | Close       | E        | 10         | 17.82                          | Top           | 5            | 0    | 1       | 0         | 1:1        | 0.0037         | 41.8   |                |
| 782                 | 23230 | LTE Band 13 | Open        | E        | 10         | 17.82                          | Bottom        | 5            | 0    | 1       | 0         | 1:1        | 0.020          | 34.8   |                |

| MEASUREMENT RESULTS |       |             |             |          |            |                                |               |              |      |         |           |            |                |        |                |
|---------------------|-------|-------------|-------------|----------|------------|--------------------------------|---------------|--------------|------|---------|-----------|------------|----------------|--------|----------------|
| Frequency           |       | Mode        | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position | Spacing (mm) | MPR  | RB Size | RB Offset | Duty Cycle | Meas. SAR (1g) | Plimit | Minimum Plimit |
| MHz                 | Ch.   |             |             |          | MHz        | (dBm)                          |               |              | (dB) |         |           |            | (W/kg)         | (dBm)  | (dBm)          |
| 793                 | 23330 | LTE Band 14 | Open        | A        | 10         | 23.30                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.804          | 24.2   | 24.1           |
| 793                 | 23330 | LTE Band 14 | Open        | A        | 10         | 23.30                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.665          | 25.1   |                |
| 793                 | 23330 | LTE Band 14 | Open        | A        | 10         | 23.30                          | Right         | 5            | 0    | 1       | 0         | 1:1        | 0.621          | 25.4   |                |
| 793                 | 23330 | LTE Band 14 | Open        | A        | 10         | 23.30                          | Bottom        | 5            | 0    | 1       | 0         | 1:1        | 0.828          | 24.1   |                |
| 793                 | 23330 | LTE Band 14 | Close       | A        | 10         | 23.30                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.818          | 24.2   |                |
| 793                 | 23330 | LTE Band 14 | Close       | A        | 10         | 23.30                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.171          | 31.0   |                |
| 793                 | 23330 | LTE Band 14 | Close       | A        | 10         | 23.30                          | Right         | 5            | 0    | 1       | 0         | 1:1        | 0.642          | 25.2   |                |
| 793                 | 23330 | LTE Band 14 | Close       | A        | 10         | 23.30                          | Bottom        | 5            | 0    | 1       | 0         | 1:1        | 0.628          | 25.3   |                |
| 793                 | 23330 | LTE Band 14 | Open        | E        | 10         | 17.65                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.199          | 24.7   | 22.6           |
| 793                 | 23330 | LTE Band 14 | Open        | E        | 10         | 17.65                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.215          | 24.4   |                |
| 793                 | 23330 | LTE Band 14 | Open        | E        | 10         | 17.65                          | Left          | 5            | 0    | 1       | 0         | 1:1        | 0.324          | 22.6   |                |
| 793                 | 23330 | LTE Band 14 | Open        | E        | 10         | 17.65                          | Top           | 5            | 0    | 1       | 0         | 1:1        | 0.020          | 34.7   |                |
| 793                 | 23330 | LTE Band 14 | Close       | E        | 10         | 17.65                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.0038         | 41.7   |                |
| 793                 | 23330 | LTE Band 14 | Close       | E        | 10         | 17.65                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.139          | 26.2   |                |
| 793                 | 23330 | LTE Band 14 | Close       | E        | 10         | 17.65                          | Left          | 5            | 0    | 1       | 0         | 1:1        | 0.136          | 26.3   |                |
| 793                 | 23330 | LTE Band 14 | Close       | E        | 10         | 17.65                          | Top           | 5            | 0    | 1       | 0         | 1:1        | 0.0052         | 40.7   |                |
| 793                 | 23330 | LTE Band 14 | Open        | E        | 10         | 17.65                          | Bottom        | 5            | 0    | 1       | 0         | 1:1        | 0.016          | 35.6   |                |
| 1882.5              | 26365 | LTE Band 25 | Open        | B        | 20         | 19.59                          | Rear          | 5            | 0    | 1       | 49        | 1:1        | 0.535          | 22.3   | 22.3           |
| 1882.5              | 26365 | LTE Band 25 | Open        | B        | 20         | 19.59                          | Front         | 5            | 0    | 1       | 49        | 1:1        | 0.370          | 23.9   |                |
| 1882.5              | 26365 | LTE Band 25 | Open        | B        | 20         | 19.59                          | Left          | 5            | 0    | 1       | 49        | 1:1        | 0.232          | 25.9   |                |
| 1882.5              | 26365 | LTE Band 25 | Open        | B        | 20         | 19.59                          | Bottom        | 5            | 0    | 1       | 49        | 1:1        | 0.845          | 20.3   |                |
| 1882.5              | 26365 | LTE Band 25 | Close       | B        | 20         | 19.59                          | Rear          | 5            | 0    | 1       | 49        | 1:1        | 0.378          | 23.8   |                |
| 1882.5              | 26365 | LTE Band 25 | Close       | B        | 20         | 19.59                          | Front         | 5            | 0    | 1       | 49        | 1:1        | 0.074          | 30.9   |                |
| 1882.5              | 26365 | LTE Band 25 | Close       | B        | 20         | 19.59                          | Left          | 5            | 0    | 1       | 49        | 1:1        | 0.001          | 49.6   |                |
| 1882.5              | 26365 | LTE Band 25 | Close       | B        | 20         | 19.59                          | Bottom        | 5            | 0    | 1       | 49        | 1:1        | 0.475          | 22.8   |                |
| 1905                | 26590 | LTE Band 25 | Open        | I        | 20         | 19.43                          | Rear          | 5            | 0    | 1       | 49        | 1:1        | 0.327          | 24.3   | 23.0           |
| 1905                | 26590 | LTE Band 25 | Open        | I        | 20         | 19.43                          | Front         | 5            | 0    | 1       | 49        | 1:1        | 0.174          | 27.0   |                |
| 1905                | 26590 | LTE Band 25 | Open        | I        | 20         | 19.43                          | Right         | 5            | 0    | 1       | 49        | 1:1        | 0.441          | 23.0   |                |
| 1905                | 26590 | LTE Band 25 | Open        | I        | 20         | 19.43                          | Top           | 5            | 0    | 1       | 49        | 1:1        | 0.065          | 31.3   |                |
| 1905                | 26590 | LTE Band 25 | Close       | I        | 20         | 19.43                          | Rear          | 5            | 0    | 1       | 49        | 1:1        | 0.022          | 36.0   |                |
| 1905                | 26590 | LTE Band 25 | Close       | I        | 20         | 19.43                          | Front         | 5            | 0    | 1       | 49        | 1:1        | 0.237          | 25.7   |                |
| 1905                | 26590 | LTE Band 25 | Close       | I        | 20         | 19.43                          | Right         | 5            | 0    | 1       | 49        | 1:1        | 0.308          | 24.5   |                |
| 1905                | 26590 | LTE Band 25 | Close       | I        | 20         | 19.43                          | Top           | 5            | 0    | 1       | 49        | 1:1        | 0.0043         | 43.4   |                |
| 1905                | 26590 | LTE Band 25 | Close       | I        | 20         | 19.43                          | Bottom        | 5            | 0    | 1       | 49        | 1:1        | 0.024          | 35.6   |                |
| 831.5               | 26865 | LTE Band 26 | Open        | A        | 15         | 22.63                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.584          | 25.0   | 23.3           |
| 831.5               | 26865 | LTE Band 26 | Open        | A        | 15         | 22.63                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.546          | 25.3   |                |
| 831.5               | 26865 | LTE Band 26 | Open        | A        | 15         | 22.63                          | Right         | 5            | 0    | 1       | 0         | 1:1        | 0.529          | 25.4   |                |
| 831.5               | 26865 | LTE Band 26 | Open        | A        | 15         | 22.63                          | Bottom        | 5            | 0    | 1       | 0         | 1:1        | 0.742          | 23.9   |                |
| 831.5               | 26865 | LTE Band 26 | Close       | A        | 15         | 22.63                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.832          | 23.3   |                |
| 831.5               | 26865 | LTE Band 26 | Close       | A        | 15         | 22.63                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.127          | 31.6   |                |
| 831.5               | 26865 | LTE Band 26 | Close       | A        | 15         | 22.63                          | Right         | 5            | 0    | 1       | 0         | 1:1        | 0.535          | 25.3   |                |
| 831.5               | 26865 | LTE Band 26 | Close       | A        | 15         | 22.63                          | Bottom        | 5            | 0    | 1       | 0         | 1:1        | 0.599          | 24.9   |                |

| MEASUREMENT RESULTS |       |             |             |          |           |                                |               |              |      |         |           |            |                |        |                |
|---------------------|-------|-------------|-------------|----------|-----------|--------------------------------|---------------|--------------|------|---------|-----------|------------|----------------|--------|----------------|
| Frequency           |       | Mode        | Form Factor | Ant. No. | Bandwidth | Frame Averaged Conducted Power | Test Position | Spacing (mm) | MPR  | RB Size | RB offset | Duty Cycle | Meas. SAR (1g) | Plimit | Minimum Plimit |
| MHz                 | Ch.   |             |             |          | MHz       | (dBm)                          |               |              | (dB) |         |           |            | (W/kg)         | (dBm)  | (dBm)          |
| 831.5               | 26865 | LTE Band 26 | Open        | E        | 15        | 19.25                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.247          | 25.3   | 24.4           |
| 831.5               | 26865 | LTE Band 26 | Open        | E        | 15        | 19.25                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.226          | 25.7   |                |
| 831.5               | 26865 | LTE Band 26 | Open        | E        | 15        | 19.25                          | Left          | 5            | 0    | 1       | 0         | 1:1        | 0.304          | 24.4   |                |
| 831.5               | 26865 | LTE Band 26 | Open        | E        | 15        | 19.25                          | Top           | 5            | 0    | 1       | 0         | 1:1        | 0.024          | 35.4   |                |
| 831.5               | 26865 | LTE Band 26 | Close       | E        | 15        | 19.25                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.019          | 36.5   |                |
| 831.5               | 26865 | LTE Band 26 | Close       | E        | 15        | 19.25                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.224          | 25.7   |                |
| 831.5               | 26865 | LTE Band 26 | Close       | E        | 15        | 19.25                          | Left          | 5            | 0    | 1       | 0         | 1:1        | 0.138          | 27.9   |                |
| 831.5               | 26865 | LTE Band 26 | Close       | E        | 15        | 19.25                          | Top           | 5            | 0    | 1       | 0         | 1:1        | 0.0091         | 39.7   |                |
| 831.5               | 26865 | LTE Band 26 | Close       | E        | 15        | 19.25                          | Bottom        | 5            | 0    | 1       | 0         | 1:1        | 0.016          | 37.2   |                |
| 2 310               | 27710 | LTE Band 30 | Open        | B        | 10        | 19.52                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.828          | 20.3   | 20.3           |
| 2 310               | 27710 | LTE Band 30 | Open        | B        | 10        | 19.52                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.351          | 24.1   |                |
| 2 310               | 27710 | LTE Band 30 | Open        | B        | 10        | 19.52                          | Left          | 5            | 0    | 1       | 0         | 1:1        | 0.144          | 27.9   |                |
| 2 310               | 27710 | LTE Band 30 | Open        | B        | 10        | 19.52                          | Bottom        | 5            | 0    | 1       | 0         | 1:1        | 0.779          | 20.6   |                |
| 2 310               | 27710 | LTE Band 30 | Close       | B        | 10        | 19.52                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.719          | 21.0   |                |
| 2 310               | 27710 | LTE Band 30 | Close       | B        | 10        | 19.52                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.068          | 31.2   |                |
| 2 310               | 27710 | LTE Band 30 | Close       | B        | 10        | 19.52                          | Left          | 5            | 0    | 1       | 0         | 1:1        | 0.208          | 26.3   |                |
| 2 310               | 27710 | LTE Band 30 | Close       | B        | 10        | 19.52                          | Bottom        | 5            | 0    | 1       | 0         | 1:1        | 0.771          | 20.6   |                |
| 2 310               | 27710 | LTE Band 30 | Open        | I        | 10        | 17.10                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.346          | 21.7   | 18.6           |
| 2 310               | 27710 | LTE Band 30 | Open        | I        | 10        | 17.10                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.357          | 21.6   |                |
| 2 310               | 27710 | LTE Band 30 | Open        | I        | 10        | 17.10                          | Right         | 5            | 0    | 1       | 0         | 1:1        | 0.706          | 18.6   |                |
| 2 310               | 27710 | LTE Band 30 | Open        | I        | 10        | 17.10                          | Top           | 5            | 0    | 1       | 0         | 1:1        | 0.118          | 26.4   |                |
| 2 310               | 27710 | LTE Band 30 | Close       | I        | 10        | 17.10                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.087          | 27.7   |                |
| 2 310               | 27710 | LTE Band 30 | Close       | I        | 10        | 17.10                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.469          | 20.4   |                |
| 2 310               | 27710 | LTE Band 30 | Close       | I        | 10        | 17.10                          | Right         | 5            | 0    | 1       | 0         | 1:1        | 0.592          | 19.4   |                |
| 2 310               | 27710 | LTE Band 30 | Close       | I        | 10        | 17.10                          | Top           | 5            | 0    | 1       | 0         | 1:1        | 0.021          | 33.9   |                |
| 2 310               | 27710 | LTE Band 30 | Close       | I        | 10        | 17.10                          | Bottom        | 5            | 0    | 1       | 0         | 1:1        | 0.089          | 27.6   |                |
| 2 506               | 39750 | LTE Band 41 | Open        | B        | 20        | 19.58                          | Rear          | 5            | 0    | 1       | 99        | 1:1.58     | 0.795          | 20.6   | 20.6           |
| 2 506               | 39750 | LTE Band 41 | Open        | B        | 20        | 19.58                          | Front         | 5            | 0    | 1       | 99        | 1:1.58     | 0.326          | 24.5   |                |
| 2 506               | 39750 | LTE Band 41 | Open        | B        | 20        | 19.58                          | Left          | 5            | 0    | 1       | 99        | 1:1.58     | 0.153          | 27.7   |                |
| 2 506               | 39750 | LTE Band 41 | Open        | B        | 20        | 19.58                          | Bottom        | 5            | 0    | 1       | 99        | 1:1.58     | 0.563          | 22.1   |                |
| 2 506               | 39750 | LTE Band 41 | Close       | B        | 20        | 19.58                          | Rear          | 5            | 0    | 1       | 99        | 1:1.58     | 0.609          | 21.7   |                |
| 2 506               | 39750 | LTE Band 41 | Close       | B        | 20        | 19.58                          | Front         | 5            | 0    | 1       | 99        | 1:1.58     | 0.084          | 30.3   |                |
| 2 506               | 39750 | LTE Band 41 | Close       | B        | 20        | 19.58                          | Left          | 5            | 0    | 1       | 99        | 1:1.58     | 0.085          | 30.3   |                |
| 2 506               | 39750 | LTE Band 41 | Close       | B        | 20        | 19.58                          | Bottom        | 5            | 0    | 1       | 99        | 1:1.58     | 0.505          | 22.6   |                |
| 2 549.5             | 40185 | LTE Band 41 | Open        | I        | 20        | 18.28                          | Rear          | 5            | 0    | 1       | 0         | 1:1.58     | 0.440          | 21.8   | 19.1           |
| 2 549.5             | 40185 | LTE Band 41 | Open        | I        | 20        | 18.28                          | Front         | 5            | 0    | 1       | 0         | 1:1.58     | 0.375          | 22.5   |                |
| 2 549.5             | 40185 | LTE Band 41 | Open        | I        | 20        | 18.28                          | Right         | 5            | 0    | 1       | 0         | 1:1.58     | 0.828          | 19.1   |                |
| 2 549.5             | 40185 | LTE Band 41 | Open        | I        | 20        | 18.28                          | Top           | 5            | 0    | 1       | 0         | 1:1.58     | 0.117          | 27.6   |                |
| 2 549.5             | 40185 | LTE Band 41 | Close       | I        | 20        | 18.28                          | Rear          | 5            | 0    | 1       | 0         | 1:1.58     | 0.161          | 26.2   |                |
| 2 549.5             | 40185 | LTE Band 41 | Close       | I        | 20        | 18.28                          | Front         | 5            | 0    | 1       | 0         | 1:1.58     | 0.199          | 25.3   |                |
| 2 549.5             | 40185 | LTE Band 41 | Close       | I        | 20        | 18.28                          | Right         | 5            | 0    | 1       | 0         | 1:1.58     | 0.692          | 19.9   |                |
| 2 549.5             | 40185 | LTE Band 41 | Close       | I        | 20        | 18.28                          | Top           | 5            | 0    | 1       | 0         | 1:1.58     | 0.012          | 37.5   |                |
| 2 549.5             | 40185 | LTE Band 41 | Close       | I        | 20        | 18.28                          | Bottom        | 5            | 0    | 1       | 0         | 1:1.58     | 0.086          | 28.9   |                |

| MEASUREMENT RESULTS |        |             |             |          |            |                                |               |              |      |         |           |            |                |              |                      |
|---------------------|--------|-------------|-------------|----------|------------|--------------------------------|---------------|--------------|------|---------|-----------|------------|----------------|--------------|----------------------|
| Frequency           |        | Mode        | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position | Spacing (mm) | MPR  | RB Size | RB offset | Duty Cycle | Meas. SAR (1g) | Plimit (dBm) | Minimum Plimit (dBm) |
| Mhz                 | Ch.    |             |             |          | Mhz        | (dBm)                          |               |              | (dB) |         |           |            | (W/kg)         |              |                      |
| 3 690               | 56640  | LTE Band 48 | Open        | F        | 20         | 16.49                          | Rear          | 5            | 0    | 1       | 0         | 1:1.58     | 0.368          | 20.8         | 19.6                 |
| 3 690               | 56640  | LTE Band 48 | Open        | F        | 20         | 16.49                          | Front         | 5            | 0    | 1       | 0         | 1:1.58     | 0.383          | 20.7         |                      |
| 3 690               | 56640  | LTE Band 48 | Open        | F        | 20         | 16.49                          | Left          | 5            | 0    | 1       | 0         | 1:1.58     | 0.491          | 19.6         |                      |
| 3 690               | 56640  | LTE Band 48 | Open        | F        | 20         | 16.49                          | Top           | 5            | 0    | 1       | 0         | 1:1.58     | 0.477          | 19.7         |                      |
| 3 690               | 56640  | LTE Band 48 | Close       | F        | 20         | 16.49                          | Rear          | 5            | 0    | 1       | 0         | 1:1.58     | 0.010          | 36.5         |                      |
| 3 690               | 56640  | LTE Band 48 | Close       | F        | 20         | 16.49                          | Front         | 5            | 0    | 1       | 0         | 1:1.58     | 0.315          | 21.5         |                      |
| 3 690               | 56640  | LTE Band 48 | Close       | F        | 20         | 16.49                          | Left          | 5            | 0    | 1       | 0         | 1:1.58     | 0.397          | 20.5         |                      |
| 3 690               | 56640  | LTE Band 48 | Close       | F        | 20         | 16.49                          | Bottom        | 5            | 0    | 1       | 0         | 1:1.58     | 0.327          | 21.3         |                      |
| 1 720               | 132072 | LTE Band 66 | Open        | B        | 20         | 19.30                          | Rear          | 5            | 0    | 1       | 49        | 1:1        | 0.575          | 21.7         | 21.7                 |
| 1 720               | 132072 | LTE Band 66 | Open        | B        | 20         | 19.30                          | Front         | 5            | 0    | 1       | 49        | 1:1        | 0.383          | 23.5         |                      |
| 1 720               | 132072 | LTE Band 66 | Open        | B        | 20         | 19.30                          | Left          | 5            | 0    | 1       | 49        | 1:1        | 0.209          | 26.1         |                      |
| 1 720               | 132072 | LTE Band 66 | Open        | B        | 20         | 19.30                          | Bottom        | 5            | 0    | 1       | 49        | 1:1        | 0.469          | 22.6         |                      |
| 1 720               | 132072 | LTE Band 66 | Close       | B        | 20         | 19.30                          | Rear          | 5            | 0    | 1       | 49        | 1:1        | 0.401          | 23.3         |                      |
| 1 720               | 132072 | LTE Band 66 | Close       | B        | 20         | 19.30                          | Front         | 5            | 0    | 1       | 49        | 1:1        | 0.104          | 29.1         |                      |
| 1 720               | 132072 | LTE Band 66 | Close       | B        | 20         | 19.30                          | Left          | 5            | 0    | 1       | 49        | 1:1        | 0.022          | 35.9         |                      |
| 1 720               | 132072 | LTE Band 66 | Close       | B        | 20         | 19.30                          | Bottom        | 5            | 0    | 1       | 49        | 1:1        | 0.495          | 22.4         |                      |
| 1 745               | 132322 | LTE Band 66 | Open        | I        | 20         | 20.37                          | Rear          | 5            | 0    | 1       | 99        | 1:1        | 0.795          | 21.4         | 21.4                 |
| 1 745               | 132322 | LTE Band 66 | Open        | I        | 20         | 20.37                          | Front         | 5            | 0    | 1       | 99        | 1:1        | 0.656          | 22.2         |                      |
| 1 745               | 132322 | LTE Band 66 | Open        | I        | 20         | 20.37                          | Right         | 5            | 0    | 1       | 99        | 1:1        | 0.563          | 22.9         |                      |
| 1 745               | 132322 | LTE Band 66 | Open        | I        | 20         | 20.37                          | Top           | 5            | 0    | 1       | 99        | 1:1        | 0.048          | 33.6         |                      |
| 1 745               | 132322 | LTE Band 66 | Close       | I        | 20         | 20.37                          | Rear          | 5            | 0    | 1       | 99        | 1:1        | 0.036          | 34.8         |                      |
| 1 745               | 132322 | LTE Band 66 | Close       | I        | 20         | 20.37                          | Front         | 5            | 0    | 1       | 99        | 1:1        | 0.198          | 27.4         |                      |
| 1 745               | 132322 | LTE Band 66 | Close       | I        | 20         | 20.37                          | Right         | 5            | 0    | 1       | 99        | 1:1        | 0.395          | 24.4         |                      |
| 1 745               | 132322 | LTE Band 66 | Close       | I        | 20         | 20.37                          | Top           | 5            | 0    | 1       | 99        | 1:1        | 0.0007         | 50.4         |                      |
| 1 745               | 132322 | LTE Band 66 | Close       | I        | 20         | 20.37                          | Bottom        | 5            | 0    | 1       | 99        | 1:1        | 0.035          | 34.9         | 26.1                 |
| 680.5               | 133297 | LTE Band 71 | Open        | A        | 20         | 24.78                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.737          | 26.1         |                      |
| 680.5               | 133297 | LTE Band 71 | Open        | A        | 20         | 24.78                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.540          | 27.5         |                      |
| 680.5               | 133297 | LTE Band 71 | Open        | A        | 20         | 24.78                          | Left          | 5            | 0    | 1       | 0         | 1:1        | 0.644          | 26.7         |                      |
| 680.5               | 133297 | LTE Band 71 | Open        | A        | 20         | 24.78                          | Bottom        | 5            | 0    | 1       | 0         | 1:1        | 0.628          | 26.8         |                      |
| 680.5               | 133297 | LTE Band 71 | Close       | A        | 20         | 24.78                          | Rear          | 5            | 0    | 1       | 0         | 1:1        | 0.709          | 26.3         |                      |
| 680.5               | 133297 | LTE Band 71 | Close       | A        | 20         | 24.78                          | Front         | 5            | 0    | 1       | 0         | 1:1        | 0.105          | 34.6         |                      |
| 680.5               | 133297 | LTE Band 71 | Close       | A        | 20         | 24.78                          | Left          | 5            | 0    | 1       | 0         | 1:1        | 0.659          | 26.6         |                      |
| 680.5               | 133297 | LTE Band 71 | Close       | A        | 20         | 24.78                          | Bottom        | 5            | 0    | 1       | 0         | 1:1        | 0.602          | 27.0         | 24.5                 |
| 680.5               | 133297 | LTE Band 71 | Open        | E        | 20         | 19.29                          | Rear          | 5            | 0    | 1       | 99        | 1:1        | 0.200          | 26.3         |                      |
| 680.5               | 133297 | LTE Band 71 | Open        | E        | 20         | 19.29                          | Front         | 5            | 0    | 1       | 99        | 1:1        | 0.253          | 25.3         |                      |
| 680.5               | 133297 | LTE Band 71 | Open        | E        | 20         | 19.29                          | Left          | 5            | 0    | 1       | 99        | 1:1        | 0.303          | 24.5         |                      |
| 680.5               | 133297 | LTE Band 71 | Open        | E        | 20         | 19.29                          | Top           | 5            | 0    | 1       | 99        | 1:1        | 0.023          | 35.7         |                      |
| 680.5               | 133297 | LTE Band 71 | Close       | E        | 20         | 19.29                          | Rear          | 5            | 0    | 1       | 99        | 1:1        | 0.027          | 35.0         |                      |
| 680.5               | 133297 | LTE Band 71 | Close       | E        | 20         | 19.29                          | Front         | 5            | 0    | 1       | 99        | 1:1        | 0.028          | 34.8         |                      |
| 680.5               | 133297 | LTE Band 71 | Close       | E        | 20         | 19.29                          | Left          | 5            | 0    | 1       | 99        | 1:1        | 0.131          | 28.1         |                      |
| 680.5               | 133297 | LTE Band 71 | Close       | E        | 20         | 19.29                          | Top           | 5            | 0    | 1       | 99        | 1:1        | 0.0046         | 42.3         | 24.5                 |
| 680.5               | 133297 | LTE Band 71 | Close       | E        | 20         | 19.29                          | Bottom        | 5            | 0    | 1       | 99        | 1:1        | 0.016          | 37.2         |                      |

### MEASUREMENT RESULTS

| MEASUREMENT RESULTS |        |              |             |          |            |                                |               |              |       |         |           |            |                |        |                |
|---------------------|--------|--------------|-------------|----------|------------|--------------------------------|---------------|--------------|-------|---------|-----------|------------|----------------|--------|----------------|
| Frequency           |        | Mode         | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position | Spacing (mm) | MPR   | RB Size | RB offset | Duty Cycle | Meas. SAR (1g) | Plimit | Minimum Plimit |
|                     |        |              |             |          | MHz        | Ch.                            |               | MHz          | (dBm) |         |           |            | (dB)           |        |                |
| 1 643.5             | 261674 | NTN Band 255 | Open        | G        | -          | 19.97                          | Rear          | 5            | 0     | 1       | 0         | 1:1        | 0.554          | 22.5   | 21.2           |
| 1 643.5             | 261674 | NTN Band 255 | Open        | G        | -          | 19.97                          | Front         | 5            | 0     | 1       | 0         | 1:1        | 0.464          | 23.3   |                |
| 1 643.5             | 261674 | NTN Band 255 | Open        | G        | -          | 19.97                          | Left          | 5            | 0     | 1       | 0         | 1:1        | 0.157          | 28.0   |                |
| 1 643.5             | 261674 | NTN Band 255 | Open        | G        | -          | 19.97                          | Top           | 5            | 0     | 1       | 0         | 1:1        | 0.759          | 21.2   |                |

**Table A-11 RSI = 2,4 *PLimit* Calculations – NR Hotspot SAR**

For some bands/modes, a lower *PLimit* was selected as a more conservative evaluation.

NR TDD Bands : In the case of the NR TDD bands, the *PLimit* were calculated as the Frame average power to which the duty factor was applied to the burst power.0

SAR measurements of all NR bands were measured in FTM Mode.

| MEASUREMENT RESULTS |        |             |             |          |            |                                |               |                 |     |              |         |           |            |               |        |                |
|---------------------|--------|-------------|-------------|----------|------------|--------------------------------|---------------|-----------------|-----|--------------|---------|-----------|------------|---------------|--------|----------------|
| Frequency           |        | Mode        | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position |                 | MPR | Spacing (mm) | RB Size | RB offset | Duty Cycle | Meas. SAR(1g) | Plimit | Minimum Plimit |
| MHz                 | Ch.    |             |             |          |            |                                |               |                 |     |              |         |           |            | (W/kg)        | (dBm)  | (dBm)          |
| 2 535               | 507000 | NR Band n7  | Open        | B        | 40         | 19.51                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.722         | 20.9   | 20.9           |
| 2 535               | 507000 | NR Band n7  | Open        | B        | 40         | 19.51                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.300         | 24.7   |                |
| 2 535               | 507000 | NR Band n7  | Open        | B        | 40         | 19.51                          | Left          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.090         | 30.0   |                |
| 2 535               | 507000 | NR Band n7  | Open        | B        | 40         | 19.51                          | Bottom        | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.585         | 21.8   |                |
| 2 535               | 507000 | NR Band n7  | Close       | B        | 40         | 19.51                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.558         | 22.0   |                |
| 2 535               | 507000 | NR Band n7  | Close       | B        | 40         | 19.51                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.073         | 30.9   |                |
| 2 535               | 507000 | NR Band n7  | Close       | B        | 40         | 19.51                          | Left          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.067         | 31.2   |                |
| 2 535               | 507000 | NR Band n7  | Close       | B        | 40         | 19.51                          | Bottom        | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.492         | 22.6   |                |
| 2 535               | 507000 | NR Band n7  | Open        | I        | 40         | 18.01                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.314         | 23.0   | 18.6           |
| 2 535               | 507000 | NR Band n7  | Open        | I        | 40         | 18.01                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.317         | 23.0   |                |
| 2 535               | 507000 | NR Band n7  | Open        | I        | 40         | 18.01                          | Right         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.883         | 18.6   |                |
| 2 535               | 507000 | NR Band n7  | Open        | I        | 40         | 18.01                          | Top           | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.087         | 28.6   |                |
| 2 535               | 507000 | NR Band n7  | Close       | I        | 40         | 18.01                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.155         | 26.1   |                |
| 2 535               | 507000 | NR Band n7  | Close       | I        | 40         | 18.01                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.307         | 23.1   |                |
| 2 535               | 507000 | NR Band n7  | Close       | I        | 40         | 18.01                          | Right         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.672         | 19.7   |                |
| 2 535               | 507000 | NR Band n7  | Close       | I        | 40         | 18.01                          | Top           | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.013         | 36.9   |                |
| 2 535               | 507000 | NR Band n7  | Close       | I        | 40         | 18.01                          | Bottom        | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.073         | 29.4   | 23.9           |
| 707.5               | 141500 | NR Band n12 | Open        | A        | 15         | 23.15                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 77        | 1:1        | 0.843         | 23.9   |                |
| 707.5               | 141500 | NR Band n12 | Open        | A        | 15         | 23.15                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 77        | 1:1        | 0.459         | 26.5   |                |
| 707.5               | 141500 | NR Band n12 | Open        | A        | 15         | 23.15                          | Right         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 77        | 1:1        | 0.504         | 26.1   |                |
| 707.5               | 141500 | NR Band n12 | Open        | A        | 15         | 23.15                          | Bottom        | DFT-s-OFDM QPSK | 0   | 5            | 1       | 77        | 1:1        | 0.586         | 25.5   |                |
| 707.5               | 141500 | NR Band n12 | Close       | A        | 15         | 23.15                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 77        | 1:1        | 0.631         | 25.1   |                |
| 707.5               | 141500 | NR Band n12 | Close       | A        | 15         | 23.15                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 77        | 1:1        | 0.081         | 34.1   |                |
| 707.5               | 141500 | NR Band n12 | Close       | A        | 15         | 23.15                          | Right         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 77        | 1:1        | 0.301         | 28.4   |                |
| 707.5               | 141500 | NR Band n12 | Close       | A        | 15         | 23.15                          | Bottom        | DFT-s-OFDM QPSK | 0   | 5            | 1       | 77        | 1:1        | 0.482         | 26.3   | 24.1           |
| 707.5               | 141500 | NR Band n12 | Open        | E        | 15         | 18.54                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.227         | 25.0   |                |
| 707.5               | 141500 | NR Band n12 | Open        | E        | 15         | 18.54                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.279         | 24.1   |                |
| 707.5               | 141500 | NR Band n12 | Open        | E        | 15         | 18.54                          | Left          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.279         | 24.1   |                |
| 707.5               | 141500 | NR Band n12 | Open        | E        | 15         | 18.54                          | Bottom        | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.028         | 34.1   |                |
| 707.5               | 141500 | NR Band n12 | Close       | E        | 15         | 18.54                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.034         | 33.2   |                |
| 707.5               | 141500 | NR Band n12 | Close       | E        | 15         | 18.54                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.158         | 26.6   |                |
| 707.5               | 141500 | NR Band n12 | Close       | E        | 15         | 18.54                          | Left          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.212         | 25.3   |                |
| 707.5               | 141500 | NR Band n12 | Close       | E        | 15         | 18.54                          | Top           | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.009         | 39.0   |                |
| 707.5               | 141500 | NR Band n12 | Close       | E        | 15         | 18.54                          | Bottom        | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.017         | 36.2   |                |

| MEASUREMENT RESULTS |        |             |             |          |       |           |               |                 |      |              |         |           |            |         |        |         |
|---------------------|--------|-------------|-------------|----------|-------|-----------|---------------|-----------------|------|--------------|---------|-----------|------------|---------|--------|---------|
| Frequency           |        | Mode        | Form Factor | Ant. No. | Band  | Frame     | Test Position |                 | MPR  | Spacing (mm) | RB Size | RB offset | Duty Cycle | Meas.   | Plimit | Minimum |
|                     |        |             |             |          | widht | Averaged  |               |                 |      |              |         |           |            | SAR(1g) | Plimit | Plimit  |
| Mhz                 | Ch.    |             |             |          | h     | Conducted |               |                 |      |              |         |           |            | (W/kg)  | (dBm)  | (dBm)   |
|                     |        |             |             |          |       | Power     |               |                 | (dB) |              |         |           |            |         |        |         |
| 793                 | 158600 | NR Band n14 | Open        | A        | 10    | 23.18     | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.856   | 23.9   | 23.9    |
| 793                 | 158600 | NR Band n14 | Open        | A        | 10    | 23.18     | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.521   | 26.0   |         |
| 793                 | 158600 | NR Band n14 | Open        | A        | 10    | 23.18     | Right         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.581   | 25.5   |         |
| 793                 | 158600 | NR Band n14 | Open        | A        | 10    | 23.18     | Bottom        | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.698   | 24.7   |         |
| 793                 | 158600 | NR Band n14 | Close       | A        | 10    | 23.18     | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.486   | 26.3   |         |
| 793                 | 158600 | NR Band n14 | Close       | A        | 10    | 23.18     | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.142   | 31.7   |         |
| 793                 | 158600 | NR Band n14 | Close       | A        | 10    | 23.18     | Right         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.445   | 26.7   |         |
| 793                 | 158600 | NR Band n14 | Close       | A        | 10    | 23.18     | Bottom        | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.440   | 26.7   |         |
| 793                 | 158600 | NR Band n14 | Open        | E        | 10    | 17.98     | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.191   | 25.2   | 23.5    |
| 793                 | 158600 | NR Band n14 | Open        | E        | 10    | 17.98     | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.205   | 24.9   |         |
| 793                 | 158600 | NR Band n14 | Open        | E        | 10    | 17.98     | Left          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.283   | 23.5   |         |
| 793                 | 158600 | NR Band n14 | Open        | E        | 10    | 17.98     | Bottom        | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.025   | 34.0   |         |
| 793                 | 158600 | NR Band n14 | Close       | E        | 10    | 17.98     | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.045   | 31.4   |         |
| 793                 | 158600 | NR Band n14 | Close       | E        | 10    | 17.98     | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.182   | 25.4   |         |
| 793                 | 158600 | NR Band n14 | Close       | E        | 10    | 17.98     | Left          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.171   | 25.7   |         |
| 793                 | 158600 | NR Band n14 | Close       | E        | 10    | 17.98     | Top           | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.007   | 39.5   |         |
| 793                 | 158600 | NR Band n14 | Close       | E        | 10    | 17.98     | Bottom        | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.019   | 35.2   |         |
| 1882.5              | 376500 | NR Band n25 | Open        | B        | 40    | 19.50     | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.648   | 21.4   | 21.0    |
| 1882.5              | 376500 | NR Band n25 | Open        | B        | 40    | 19.50     | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.344   | 24.1   |         |
| 1882.5              | 376500 | NR Band n25 | Open        | B        | 40    | 19.50     | Right         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.203   | 26.4   |         |
| 1882.5              | 376500 | NR Band n25 | Open        | B        | 40    | 19.50     | Bottom        | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.703   | 21.0   |         |
| 1882.5              | 376500 | NR Band n25 | Close       | B        | 40    | 19.50     | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.459   | 22.9   |         |
| 1882.5              | 376500 | NR Band n25 | Close       | B        | 40    | 19.50     | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.049   | 32.6   |         |
| 1882.5              | 376500 | NR Band n25 | Open        | B        | 40    | 19.50     | Right         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.154   | 27.6   |         |
| 1882.5              | 376500 | NR Band n25 | Open        | B        | 40    | 19.50     | Bottom        | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.547   | 22.1   |         |
| 1882.5              | 376500 | NR Band n25 | Open        | I        | 40    | 19.38     | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.357   | 23.9   | 20.9    |
| 1882.5              | 376500 | NR Band n25 | Open        | I        | 40    | 19.38     | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.398   | 23.4   |         |
| 1882.5              | 376500 | NR Band n25 | Open        | I        | 40    | 19.38     | Right         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.366   | 23.7   |         |
| 1882.5              | 376500 | NR Band n25 | Open        | I        | 40    | 19.38     | Top           | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.059   | 31.7   |         |
| 1882.5              | 376500 | NR Band n25 | Open        | I        | 40    | 19.38     | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.022   | 36.0   |         |
| 1882.5              | 376500 | NR Band n25 | Close       | I        | 40    | 19.38     | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.197   | 26.4   |         |
| 1882.5              | 376500 | NR Band n25 | Close       | I        | 40    | 19.38     | Right         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.256   | 25.3   |         |
| 1882.5              | 376500 | NR Band n25 | Close       | I        | 40    | 19.38     | Top           | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.005   | 42.4   |         |
| 1882.5              | 376500 | NR Band n25 | Open        | I        | 40    | 19.38     | Bottom        | DFT-s-OFDM QPSK | 0    | 5            | 1       | 108       | 1:1        | 0.020   | 36.4   |         |
| 831.5               | 166300 | NR Band n26 | Open        | A        | 20    | 22.22     | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.712   | 23.7   | 23.7    |
| 831.5               | 166300 | NR Band n26 | Open        | A        | 20    | 22.22     | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.519   | 25.1   |         |
| 831.5               | 166300 | NR Band n26 | Open        | A        | 20    | 22.22     | Right         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.483   | 25.4   |         |
| 831.5               | 166300 | NR Band n26 | Open        | A        | 20    | 22.22     | Bottom        | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.607   | 24.4   |         |
| 831.5               | 166300 | NR Band n26 | Close       | A        | 20    | 22.22     | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.647   | 24.1   |         |
| 831.5               | 166300 | NR Band n26 | Close       | A        | 20    | 22.22     | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.127   | 31.2   |         |
| 831.5               | 166300 | NR Band n26 | Close       | A        | 20    | 22.22     | Right         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.388   | 26.3   |         |
| 831.5               | 166300 | NR Band n26 | Close       | A        | 20    | 22.22     | Bottom        | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.471   | 25.5   |         |

| MEASUREMENT RESULTS |        |             |             |          |            |                                |               |                 |      |              |         |           |            |               |        |                |
|---------------------|--------|-------------|-------------|----------|------------|--------------------------------|---------------|-----------------|------|--------------|---------|-----------|------------|---------------|--------|----------------|
| Frequency           |        | Mode        | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position |                 | MPR  | Spacing (mm) | RB Size | RB offset | Duty Cycle | Meas. SAR(1g) | Plimit | Minimum Plimit |
| MHz                 | Ch.    |             |             |          | MHz        | (dBm)                          |               |                 | (dB) |              |         |           |            | (W/kg)        | (dBm)  | (dBm)          |
| 831.5               | 166300 | NR Band n26 | Open        | E        | 20         | 19.67                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.435         | 23.3   | 23.3           |
| 831.5               | 166300 | NR Band n26 | Open        | E        | 20         | 19.67                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.347         | 24.3   |                |
| 831.5               | 166300 | NR Band n26 | Open        | E        | 20         | 19.67                          | Left          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.365         | 24.0   |                |
| 831.5               | 166300 | NR Band n26 | Open        | E        | 20         | 19.67                          | Top           | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.027         | 35.4   |                |
| 831.5               | 166300 | NR Band n26 | Close       | E        | 20         | 19.67                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.078         | 30.7   |                |
| 831.5               | 166300 | NR Band n26 | Close       | E        | 20         | 19.67                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.207         | 26.5   |                |
| 831.5               | 166300 | NR Band n26 | Close       | E        | 20         | 19.67                          | Left          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.245         | 25.8   |                |
| 831.5               | 166300 | NR Band n26 | Close       | E        | 20         | 19.67                          | Top           | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.010         | 39.7   |                |
| 831.5               | 166300 | NR Band n26 | Close       | E        | 20         | 19.67                          | Bottom        | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.022         | 36.2   |                |
| 2310                | 462000 | NR Band n30 | Open        | B        | 10         | 19.47                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.873         | 20.1   | 20.1           |
| 2310                | 462000 | NR Band n30 | Open        | B        | 10         | 19.47                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.653         | 21.3   |                |
| 2310                | 462000 | NR Band n30 | Open        | B        | 10         | 19.47                          | Left          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.242         | 25.6   |                |
| 2310                | 462000 | NR Band n30 | Open        | B        | 10         | 19.47                          | Bottom        | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.814         | 20.4   |                |
| 2310                | 462000 | NR Band n30 | Close       | B        | 10         | 19.47                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.753         | 20.7   |                |
| 2310                | 462000 | NR Band n30 | Close       | B        | 10         | 19.47                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.129         | 28.4   |                |
| 2310                | 462000 | NR Band n30 | Close       | B        | 10         | 19.47                          | Left          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.236         | 25.7   |                |
| 2310                | 462000 | NR Band n30 | Close       | B        | 10         | 19.47                          | Bottom        | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.697         | 21.0   |                |
| 2310                | 462000 | NR Band n30 | Open        | I        | 10         | 17.34                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.426         | 21.0   | 18.9           |
| 2310                | 462000 | NR Band n30 | Open        | I        | 10         | 17.34                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.489         | 20.4   |                |
| 2310                | 462000 | NR Band n30 | Open        | I        | 10         | 17.34                          | Right         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.691         | 18.9   |                |
| 2310                | 462000 | NR Band n30 | Open        | I        | 10         | 17.34                          | Top           | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.109         | 27.0   |                |
| 2310                | 462000 | NR Band n30 | Close       | I        | 10         | 17.34                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.067         | 29.1   |                |
| 2310                | 462000 | NR Band n30 | Close       | I        | 10         | 17.34                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.257         | 23.2   |                |
| 2310                | 462000 | NR Band n30 | Close       | I        | 10         | 17.34                          | Right         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.520         | 20.2   |                |
| 2310                | 462000 | NR Band n30 | Close       | I        | 10         | 17.34                          | Top           | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.023         | 33.7   |                |
| 2310                | 462000 | NR Band n30 | Close       | I        | 10         | 17.34                          | Bottom        | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.080         | 28.3   |                |
| 2592.99             | 518598 | NR Band n41 | Open        | B        | 40         | 20.25                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.731         | 21.6   | 21.6           |
| 2592.99             | 518598 | NR Band n41 | Open        | B        | 40         | 20.25                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.433         | 23.9   |                |
| 2592.99             | 518598 | NR Band n41 | Open        | B        | 40         | 20.25                          | Left          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.103         | 30.1   |                |
| 2592.99             | 518598 | NR Band n41 | Open        | B        | 40         | 20.25                          | Bottom        | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.659         | 22.1   |                |
| 2592.99             | 518598 | NR Band n41 | Close       | B        | 40         | 20.25                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.669         | 22.0   |                |
| 2592.99             | 518598 | NR Band n41 | Close       | B        | 40         | 20.25                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.055         | 32.8   |                |
| 2592.99             | 518598 | NR Band n41 | Close       | B        | 40         | 20.25                          | Left          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.088         | 30.8   |                |
| 2592.99             | 518598 | NR Band n41 | Close       | B        | 40         | 20.25                          | Bottom        | DFT-s-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.645         | 22.2   |                |

| MEASUREMENT RESULTS |        |                  |             |          |            |                                |               |                 |     |              |         |           |            |               |        |                |
|---------------------|--------|------------------|-------------|----------|------------|--------------------------------|---------------|-----------------|-----|--------------|---------|-----------|------------|---------------|--------|----------------|
| Frequency           |        | Mode             | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position |                 | MPR | Spacing (mm) | RB Size | RB offset | Duty Cycle | Meas. SAR(1g) | Plimit | Minimum Plimit |
| Mhz                 | Ch.    |                  |             |          |            |                                |               |                 |     |              |         |           |            | (W/kg)        | (dBm)  | (dBm)          |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Open        | I        | 100        | 17.61                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.616         | 19.7   | 17.7           |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Open        | I        | 100        | 17.61                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.688         | 19.2   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Open        | I        | 100        | 17.61                          | Right         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.989         | 17.7   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Open        | I        | 100        | 17.61                          | Top           | DFT-s-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.235         | 23.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Close       | I        | 100        | 17.61                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.203         | 24.5   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Close       | I        | 100        | 17.61                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.447         | 21.1   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Close       | I        | 100        | 17.61                          | Right         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.845         | 18.3   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Close       | I        | 100        | 17.61                          | Top           | DFT-s-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.000         | -      |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Close       | I        | 100        | 17.61                          | Bottom        | DFT-s-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.037         | 31.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Open        | C        | 100        | 20.47                          | Rear          | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.551         | 23.1   | 21.9           |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Open        | C        | 100        | 20.47                          | Front         | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.576         | 22.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Open        | C        | 100        | 20.47                          | Left          | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.722         | 21.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Open        | C        | 100        | 20.47                          | Bottom        | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.078         | 31.5   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Close       | C        | 100        | 20.47                          | Rear          | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.226         | 26.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Close       | C        | 100        | 20.47                          | Front         | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.084         | 31.2   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Close       | C        | 100        | 20.47                          | Left          | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.511         | 21.8   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Close       | C        | 100        | 20.47                          | Top           | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.073         | 31.8   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Close       | C        | 100        | 20.47                          | Bottom        | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.102         | 30.4   | 20.8           |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Open        | G        | 100        | 16.71                          | Rear          | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.341         | 21.4   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Open        | G        | 100        | 16.71                          | Front         | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.125         | 25.7   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Open        | G        | 100        | 16.71                          | Left          | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.034         | 31.4   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Open        | G        | 100        | 16.71                          | Top           | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.391         | 20.8   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Close       | G        | 100        | 16.71                          | Rear          | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.0034        | 31.4   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Close       | G        | 100        | 16.71                          | Front         | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.197         | 23.8   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Close       | G        | 100        | 16.71                          | Left          | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.018         | 34.2   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Close       | G        | 100        | 16.71                          | Top           | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.0005        | 46.7   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Close       | G        | 100        | 16.71                          | Bottom        | DFT-S-OFDM QPSK | 0   | 5            | 1       | 137       | 1:1        | 0.144         | 25.1   | 18.2           |
| 2 592.99            | 518598 | NR Band n41      | Open        | I        | 40         | 17.88                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.737         | 19.2   |                |
| 2 592.99            | 518598 | NR Band n41      | Open        | I        | 40         | 17.88                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.717         | 19.3   |                |
| 2 592.99            | 518598 | NR Band n41      | Open        | I        | 40         | 17.88                          | Left          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.874         | 18.5   |                |
| 2 592.99            | 518598 | NR Band n41      | Open        | I        | 40         | 17.88                          | Top           | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.199         | 24.9   |                |
| 2 592.99            | 518598 | NR Band n41      | Close       | I        | 40         | 17.88                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.253         | 23.8   |                |
| 2 592.99            | 518598 | NR Band n41      | Close       | I        | 40         | 17.88                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.401         | 21.8   |                |
| 2 592.99            | 518598 | NR Band n41      | Close       | I        | 40         | 17.88                          | Left          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.921         | 18.2   |                |
| 2 592.99            | 518598 | NR Band n41      | Close       | I        | 40         | 17.88                          | Top           | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.025         | 33.9   |                |
| 2 592.99            | 518598 | NR Band n41      | Close       | I        | 40         | 17.88                          | Bottom        | DFT-s-OFDM QPSK | 0   | 5            | 1       | 1         | 1:1        | 0.187         | 25.2   |                |

| MEASUREMENT RESULTS |        |                  |             |          |            |                                |               |                 |      |              |         |           |            |               |        |                |
|---------------------|--------|------------------|-------------|----------|------------|--------------------------------|---------------|-----------------|------|--------------|---------|-----------|------------|---------------|--------|----------------|
| Frequency           |        | Mode             | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position |                 | MPR  | Spacing (mm) | RB Size | RB offset | Duty Cycle | Meas. SAR(1g) | Plimit | Minimum Plimit |
| MHz                 | Ch.    |                  |             |          | MHz        | (dBm)                          |               |                 | (dB) |              |         |           |            | (W/kg)        | (dBm)  | (dBm)          |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Open        | B        | 40         | 16.83                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.485         | 20.0   | 19.5           |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Open        | B        | 40         | 16.83                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.168         | 24.6   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Open        | B        | 40         | 16.83                          | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.092         | 27.2   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Open        | B        | 40         | 16.83                          | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.445         | 20.3   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Close       | B        | 40         | 16.83                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.539         | 19.5   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Close       | B        | 40         | 16.83                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.074         | 28.1   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Close       | B        | 40         | 16.83                          | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.073         | 28.2   |                |
| 2 592.99            | 518598 | NR Band n41 SRS1 | Close       | B        | 40         | 16.83                          | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.397         | 20.8   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Open        | C        | 40         | 20.47                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.551         | 23.1   | 21.8           |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Open        | C        | 40         | 20.47                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.576         | 22.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Open        | C        | 40         | 20.47                          | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.722         | 21.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Open        | C        | 40         | 20.47                          | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.078         | 31.5   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Close       | C        | 40         | 20.47                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.226         | 26.9   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Close       | C        | 40         | 20.47                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.084         | 31.2   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Close       | C        | 40         | 20.47                          | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.728         | 21.8   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Close       | C        | 40         | 20.47                          | Top           | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.073         | 31.8   |                |
| 2 592.99            | 518598 | NR Band n41 SRS2 | Close       | C        | 40         | 20.47                          | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.102         | 30.4   | 20.8           |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Open        | G        | 100        | 16.71                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.341         | 21.4   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Open        | G        | 100        | 16.71                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.125         | 25.7   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Open        | G        | 100        | 16.71                          | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.034         | 31.4   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Open        | G        | 100        | 16.71                          | Top           | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.391         | 20.8   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Close       | G        | 100        | 16.71                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.0034        | 31.4   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Close       | G        | 100        | 16.71                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.197         | 23.8   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Close       | G        | 100        | 16.71                          | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.018         | 34.2   |                |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Close       | G        | 100        | 16.71                          | Top           | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.0005        | 46.7   | 18.9           |
| 2 592.99            | 518598 | NR Band n41 SRS3 | Close       | G        | 100        | 16.71                          | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.144         | 25.1   |                |
| 3 679.98            | 645332 | NR Band n48      | Open        | F        | 40         | 16.98                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.243         | 23.1   |                |
| 3 679.98            | 645332 | NR Band n48      | Open        | F        | 40         | 16.98                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.575         | 19.4   |                |
| 3 679.98            | 645332 | NR Band n48      | Open        | F        | 40         | 16.98                          | Left          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.557         | 19.5   |                |
| 3 679.98            | 645332 | NR Band n48      | Open        | F        | 40         | 16.98                          | Top           | DFT-s-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.646         | 18.9   |                |
| 3 679.98            | 645332 | NR Band n48      | Close       | F        | 40         | 16.98                          | Rear          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.012         | 36.2   |                |
| 3 679.98            | 645332 | NR Band n48      | Close       | F        | 40         | 16.98                          | Front         | DFT-s-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.530         | 19.7   |                |
| 3 679.98            | 645332 | NR Band n48      | Close       | F        | 40         | 16.98                          | Left          | DFT-s-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.276         | 22.6   | 18.9           |
| 3 679.98            | 645332 | NR Band n48      | Close       | F        | 40         | 16.98                          | Top           | DFT-s-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.529         | 19.7   |                |

| MEASUREMENT RESULTS |        |                  |             |          |             |                                |               |                 |     |              |         |           |            |               |        |                |
|---------------------|--------|------------------|-------------|----------|-------------|--------------------------------|---------------|-----------------|-----|--------------|---------|-----------|------------|---------------|--------|----------------|
| Frequency           |        | Mode             | Form Factor | Ant. No. | Band        | Frame                          | Test Position |                 | MPR | Spacing (mm) | RB Size | RB offset | Duty Cycle | Meas. SAR(1g) | Plimit | Minimum Plimit |
| MHz                 | Ch.    |                  |             |          | width (MHz) | Averaged Conducted Power (dBm) |               |                 |     |              |         |           |            | (W/kg)        | (dBm)  | (dBm)          |
| 3569.99             | 638000 | NR Band n48 SRS1 | Open        | I        | 40          | 16.91                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.256         | 22.8   | 19.3           |
| 3569.99             | 638000 | NR Band n48 SRS1 | Open        | I        | 40          | 16.91                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.148         | 25.2   |                |
| 3569.99             | 638000 | NR Band n48 SRS1 | Open        | I        | 40          | 16.91                          | Right         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.461         | 20.3   |                |
| 3569.99             | 638000 | NR Band n48 SRS1 | Open        | I        | 40          | 16.91                          | Top           | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.010         | 36.9   |                |
| 3569.99             | 638000 | NR Band n48 SRS1 | Close       | I        | 40          | 16.91                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.014         | 35.4   |                |
| 3569.99             | 638000 | NR Band n48 SRS1 | Close       | I        | 40          | 16.91                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.310         | 22.0   |                |
| 3569.99             | 638000 | NR Band n48 SRS1 | Close       | I        | 40          | 16.91                          | Right         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.578         | 19.3   |                |
| 3569.99             | 638000 | NR Band n48 SRS1 | Close       | I        | 40          | 16.91                          | Top           | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.020         | 33.9   |                |
| 3569.99             | 638000 | NR Band n48 SRS1 | Close       | I        | 40          | 16.91                          | Bottom        | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.005         | 39.9   |                |
| 3569.99             | 638000 | NR Band n48 SRS2 | Open        | E        | 40          | 16.87                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.366         | 21.2   | 17.5           |
| 3569.99             | 638000 | NR Band n48 SRS2 | Open        | E        | 40          | 16.87                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.366         | 21.2   |                |
| 3569.99             | 638000 | NR Band n48 SRS2 | Open        | E        | 40          | 16.87                          | Left          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.697         | 17.5   |                |
| 3569.99             | 638000 | NR Band n48 SRS2 | Open        | E        | 40          | 16.87                          | Top           | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.025         | 32.9   |                |
| 3569.99             | 638000 | NR Band n48 SRS2 | Close       | E        | 40          | 16.87                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.069         | 28.5   |                |
| 3569.99             | 638000 | NR Band n48 SRS2 | Close       | E        | 40          | 16.87                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.275         | 22.5   |                |
| 3569.99             | 638000 | NR Band n48 SRS2 | Close       | E        | 40          | 16.87                          | Left          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.394         | 20.9   |                |
| 3569.99             | 638000 | NR Band n48 SRS2 | Close       | E        | 40          | 16.87                          | Top           | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.005         | 39.9   |                |
| 3569.99             | 638000 | NR Band n48 SRS2 | Close       | E        | 40          | 16.87                          | Bottom        | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.000         | -      |                |
| 3569.99             | 638000 | NR Band n48 SRS3 | Open        | C        | 40          | 16.96                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.183         | 24.3   | 19.0           |
| 3569.99             | 638000 | NR Band n48 SRS3 | Open        | C        | 40          | 16.96                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.275         | 22.6   |                |
| 3569.99             | 638000 | NR Band n48 SRS3 | Open        | C        | 40          | 16.96                          | Left          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.622         | 19.0   |                |
| 3569.99             | 638000 | NR Band n48 SRS3 | Open        | C        | 40          | 16.96                          | Bottom        | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.042         | 30.7   |                |
| 3569.99             | 638000 | NR Band n48 SRS3 | Close       | C        | 40          | 16.96                          | Rear          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.205         | 23.8   |                |
| 3569.99             | 638000 | NR Band n48 SRS3 | Close       | C        | 40          | 16.96                          | Front         | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.052         | 29.8   |                |
| 3569.99             | 638000 | NR Band n48 SRS3 | Close       | C        | 40          | 16.96                          | Left          | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.481         | 20.1   |                |
| 3569.99             | 638000 | NR Band n48 SRS3 | Close       | C        | 40          | 16.96                          | Top           | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.031         | 32.0   |                |
| 3569.99             | 638000 | NR Band n48 SRS3 | Close       | C        | 40          | 16.96                          | Bottom        | DFT-s-OFDM QPSK | 0   | 5            | 1       | 53        | 1:1        | 0.019         | 34.2   |                |
| 1 745               | 349000 | NR Band n66      | Open        | B        | 40          | 19.56                          | Rear          | DFT-S-OFDM QPSK | 0   | 5            | 1       | 108       | 1:1        | 0.761         | 20.7   | 20.7           |
| 1 745               | 349000 | NR Band n66      | Open        | B        | 40          | 19.56                          | Front         | DFT-S-OFDM QPSK | 0   | 5            | 1       | 108       | 1:1        | 0.383         | 23.7   |                |
| 1 745               | 349000 | NR Band n66      | Open        | B        | 40          | 19.56                          | Left          | DFT-S-OFDM QPSK | 0   | 5            | 1       | 108       | 1:1        | 0.216         | 26.2   |                |
| 1 745               | 349000 | NR Band n66      | Open        | B        | 40          | 19.56                          | Bottom        | DFT-S-OFDM QPSK | 0   | 5            | 1       | 108       | 1:1        | 0.694         | 21.1   |                |
| 1 745               | 349000 | NR Band n66      | Close       | B        | 40          | 19.56                          | Rear          | DFT-S-OFDM QPSK | 0   | 5            | 1       | 108       | 1:1        | 0.583         | 21.9   |                |
| 1 745               | 349000 | NR Band n66      | Close       | B        | 40          | 19.56                          | Front         | DFT-S-OFDM QPSK | 0   | 5            | 1       | 108       | 1:1        | 0.071         | 31.0   |                |
| 1 745               | 349000 | NR Band n66      | Close       | B        | 40          | 19.56                          | Left          | DFT-S-OFDM QPSK | 0   | 5            | 1       | 108       | 1:1        | 0.152         | 27.7   |                |
| 1 745               | 349000 | NR Band n66      | Close       | B        | 40          | 19.56                          | Bottom        | DFT-S-OFDM QPSK | 0   | 5            | 1       | 108       | 1:1        | 0.647         | 21.5   |                |

### MEASUREMENT RESULTS

| Frequency |        | Mode        | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position |                 | MPR  | Spacing (mm) | RB Size | RB offset | Duty Cycle | Meas. SAR(1g) | Plimit | Minimum Plimit |
|-----------|--------|-------------|-------------|----------|------------|--------------------------------|---------------|-----------------|------|--------------|---------|-----------|------------|---------------|--------|----------------|
| MHz       | Ch.    |             |             |          |            |                                |               |                 |      |              |         |           |            |               |        |                |
|           |        |             |             |          | MHz        | (dBm)                          |               |                 | (dB) |              |         |           |            | (W/kg)        | (dBm)  | (dBm)          |
| 1 745     | 349000 | NR Band n66 | Open        | I        | 40         | 20.44                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 214       | 1:1        | 0.674         | 22.2   | 22.2           |
| 1 745     | 349000 | NR Band n66 | Open        | I        | 40         | 20.44                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 214       | 1:1        | 0.632         | 22.4   |                |
| 1 745     | 349000 | NR Band n66 | Open        | I        | 40         | 20.44                          | Right         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 214       | 1:1        | 0.509         | 23.4   |                |
| 1 745     | 349000 | NR Band n66 | Open        | I        | 40         | 20.44                          | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 214       | 1:1        | 0.134         | 29.2   |                |
| 1 745     | 349000 | NR Band n66 | Close       | I        | 40         | 20.44                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 214       | 1:1        | 0.017         | 38.1   |                |
| 1 745     | 349000 | NR Band n66 | Close       | I        | 40         | 20.44                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 214       | 1:1        | 0.217         | 27.1   |                |
| 1 745     | 349000 | NR Band n66 | Close       | I        | 40         | 20.44                          | Right         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 214       | 1:1        | 0.323         | 25.3   |                |
| 1 745     | 349000 | NR Band n66 | Close       | I        | 40         | 20.44                          | Top           | DFT-S-OFDM QPSK | 0    | 5            | 1       | 214       | 1:1        | 0.0021        | 47.4   |                |
| 1 745     | 349000 | NR Band n66 | Close       | I        | 40         | 20.44                          | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 214       | 1:1        | 0.013         | 39.3   |                |
| 1 702.5   | 340500 | NR Band n70 | Open        | B        | 15         | 19.52                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.400         | 23.5   | 21.3           |
| 1 702.5   | 340500 | NR Band n70 | Open        | B        | 15         | 19.52                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.265         | 25.3   |                |
| 1 702.5   | 340500 | NR Band n70 | Open        | B        | 15         | 19.52                          | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.216         | 26.2   |                |
| 1 702.5   | 340500 | NR Band n70 | Open        | B        | 15         | 19.52                          | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.667         | 21.3   |                |
| 1 702.5   | 340500 | NR Band n70 | Close       | B        | 15         | 19.52                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.298         | 24.8   |                |
| 1 702.5   | 340500 | NR Band n70 | Close       | B        | 15         | 19.52                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.033         | 34.3   |                |
| 1 702.5   | 340500 | NR Band n70 | Close       | B        | 15         | 19.52                          | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.082         | 30.4   |                |
| 1 702.5   | 340500 | NR Band n70 | Close       | B        | 15         | 19.52                          | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.488         | 22.6   |                |
| 1 702.5   | 340500 | NR Band n70 | Open        | I        | 15         | 20.38                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.302         | 25.6   | 22.3           |
| 1 702.5   | 340500 | NR Band n70 | Open        | I        | 15         | 20.38                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.211         | 27.1   |                |
| 1 702.5   | 340500 | NR Band n70 | Open        | I        | 15         | 20.38                          | Right         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.639         | 22.3   |                |
| 1 702.5   | 340500 | NR Band n70 | Open        | I        | 15         | 20.38                          | Top           | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.055         | 33.0   |                |
| 1 702.5   | 340500 | NR Band n70 | Close       | I        | 15         | 20.38                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.019         | 37.6   |                |
| 1 702.5   | 340500 | NR Band n70 | Close       | I        | 15         | 20.38                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.202         | 27.3   |                |
| 1 702.5   | 340500 | NR Band n70 | Close       | I        | 15         | 20.38                          | Right         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.369         | 24.7   |                |
| 1 702.5   | 340500 | NR Band n70 | Close       | I        | 15         | 20.38                          | Top           | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.070         | 31.9   |                |
| 1 702.5   | 340500 | NR Band n70 | Close       | I        | 15         | 20.38                          | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 77        | 1:1        | 0.023         | 36.8   | 26.1           |
| 680.5     | 136100 | NR Band n71 | Open        | A        | 20         | 25.27                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.636         | 27.2   |                |
| 680.5     | 136100 | NR Band n71 | Open        | A        | 20         | 25.27                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.300         | 30.5   |                |
| 680.5     | 136100 | NR Band n71 | Open        | A        | 20         | 25.27                          | Right         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.438         | 28.9   |                |
| 680.5     | 136100 | NR Band n71 | Open        | A        | 20         | 25.27                          | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.397         | 29.3   |                |
| 680.5     | 136100 | NR Band n71 | Close       | A        | 20         | 25.27                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.824         | 26.1   |                |
| 680.5     | 136100 | NR Band n71 | Close       | A        | 20         | 25.27                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.114         | 34.7   |                |
| 680.5     | 136100 | NR Band n71 | Close       | A        | 20         | 25.27                          | Right         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.369         | 29.6   |                |
| 680.5     | 136100 | NR Band n71 | Close       | A        | 20         | 25.27                          | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 53        | 1:1        | 0.518         | 28.1   |                |

### MEASUREMENT RESULTS

| Frequency |        | Mode                 | Form Factor | Ant. No. | Band width | Frame                    | Test Position |                 | MPR  | Spacing (mm) | RB Size | RB offset | Duty Cycle | Meas.   | Plimit | Minimum Plimit |
|-----------|--------|----------------------|-------------|----------|------------|--------------------------|---------------|-----------------|------|--------------|---------|-----------|------------|---------|--------|----------------|
| MHz       | Ch.    |                      |             |          |            | Averaged Conducted Power |               |                 |      |              |         |           |            | SAR(1g) |        |                |
|           |        |                      |             |          | MHz        | (dBm)                    |               |                 | (dB) |              |         |           |            | (W/kg)  | (dBm)  | (dBm)          |
| 680.5     | 136100 | NR Band n71          | Open        | E        | 20         | 19.04                    | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.221   | 25.6   | 23.6           |
| 680.5     | 136100 | NR Band n71          | Open        | E        | 20         | 19.04                    | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.309   | 24.1   |                |
| 680.5     | 136100 | NR Band n71          | Open        | E        | 20         | 19.04                    | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.352   | 23.6   |                |
| 680.5     | 136100 | NR Band n71          | Open        | E        | 20         | 19.04                    | Top           | DFT-S-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.030   | 34.3   |                |
| 680.5     | 136100 | NR Band n71          | Close       | E        | 20         | 19.04                    | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.032   | 34.0   |                |
| 680.5     | 136100 | NR Band n71          | Close       | E        | 20         | 19.04                    | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.100   | 29.0   |                |
| 680.5     | 136100 | NR Band n71          | Close       | E        | 20         | 19.04                    | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.213   | 25.8   |                |
| 680.5     | 136100 | NR Band n71          | Close       | E        | 20         | 19.04                    | Top           | DFT-S-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.011   | 38.6   |                |
| 680.5     | 136100 | NR Band n71          | Close       | E        | 20         | 19.04                    | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 1         | 1:1        | 0.021   | 35.8   |                |
| 3 750     | 650000 | NR Band n77          | Open        | F        | 100        | 17.48                    | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 271       | 1:1        | 0.245   | 23.6   | 21.6           |
| 3 750     | 650000 | NR Band n77          | Open        | F        | 100        | 17.48                    | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 271       | 1:1        | 0.339   | 22.2   |                |
| 3 750     | 650000 | NR Band n77          | Open        | F        | 100        | 17.48                    | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 271       | 1:1        | 0.369   | 21.8   |                |
| 3 750     | 650000 | NR Band n77          | Open        | F        | 100        | 17.48                    | Top           | DFT-S-OFDM QPSK | 0    | 5            | 1       | 271       | 1:1        | 0.360   | 21.9   |                |
| 3 750     | 650000 | NR Band n77          | Close       | F        | 100        | 17.48                    | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 271       | 1:1        | 0.051   | 30.4   |                |
| 3 750     | 650000 | NR Band n77          | Close       | F        | 100        | 17.48                    | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 271       | 1:1        | 0.218   | 24.1   |                |
| 3 750     | 650000 | NR Band n77          | Close       | F        | 100        | 17.48                    | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 271       | 1:1        | 0.387   | 21.6   |                |
| 3 750     | 650000 | NR Band n77          | Close       | F        | 100        | 17.48                    | Top           | DFT-S-OFDM QPSK | 0    | 5            | 1       | 271       | 1:1        | 0.325   | 22.4   |                |
| 3 500.01  | 633334 | NR Band n77 DoD      | Open        | F        | 100        | 17.48                    | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 271       | 1:1        | 0.522   | 20.3   | 20.3           |
| 3 500.01  | 633334 | NR Band n77 DoD      | Close       | F        | 100        | 17.48                    | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 271       | 1:1        | 0.453   | 20.9   |                |
| 3 750     | 650000 | NR Band n77 SRS1     | Open        | I        | 100        | 17.41                    | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.389   | 21.5   | 21.5           |
| 3 750     | 650000 | NR Band n77 SRS1     | Open        | I        | 100        | 17.41                    | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.100   | 27.4   |                |
| 3 750     | 650000 | NR Band n77 SRS1     | Open        | I        | 100        | 17.41                    | Right         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.276   | 23.0   |                |
| 3 750     | 650000 | NR Band n77 SRS1     | Open        | I        | 100        | 17.41                    | Top           | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.000   | -      |                |
| 3 750     | 650000 | NR Band n77 SRS1     | Close       | I        | 100        | 17.41                    | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.21    | 34.2   |                |
| 3 750     | 650000 | NR Band n77 SRS1     | Close       | I        | 100        | 17.41                    | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.181   | 24.8   |                |
| 3 750     | 650000 | NR Band n77 SRS1     | Close       | I        | 100        | 17.41                    | Right         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.275   | 23.0   |                |
| 3 750     | 650000 | NR Band n77 SRS1     | Close       | I        | 100        | 17.41                    | Top           | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.009   | 37.9   |                |
| 3 750     | 650000 | NR Band n77 SRS1     | Close       | I        | 100        | 17.41                    | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.000   | -      |                |
| 3 500.01  | 633334 | NR Band n77 DoD SRS1 | Open        | I        | 100        | 16.48                    | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.291   | 21.8   | 18.7           |
| 3 500.01  | 633334 | NR Band n77 DoD SRS1 | Close       | I        | 100        | 16.48                    | Right         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.603   | 18.7   |                |

### MEASUREMENT RESULTS

| Frequency |        | Mode                 | Form Factor | Ant. No. | Band width | Frame Averaged Conducted Power | Test Position |                 | MPR  | Spacing (mm) | RB Size | RB offset | Duty Cycle | Meas. SAR(1g) | Plimit | Minimum Plimit |
|-----------|--------|----------------------|-------------|----------|------------|--------------------------------|---------------|-----------------|------|--------------|---------|-----------|------------|---------------|--------|----------------|
| MHz       | Ch.    |                      |             |          | MHz        | (dBm)                          |               |                 | (dB) |              |         |           |            | (W/kg)        | (dBm)  | (dBm)          |
| 3 750     | 650000 | NR Band n77 SRS2     | Open        | E        | 100        | 17.41                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.137         | 26.0   | 19.8           |
| 3 750     | 650000 | NR Band n77 SRS2     | Open        | E        | 100        | 17.41                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.322         | 22.3   |                |
| 3 750     | 650000 | NR Band n77 SRS2     | Open        | E        | 100        | 17.41                          | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.574         | 19.8   |                |
| 3 750     | 650000 | NR Band n77 SRS2     | Open        | E        | 100        | 17.41                          | Top           | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.012         | 36.6   |                |
| 3 750     | 650000 | NR Band n77 SRS2     | Close       | E        | 100        | 17.41                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.097         | 27.5   |                |
| 3 750     | 650000 | NR Band n77 SRS2     | Close       | E        | 100        | 17.41                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.246         | 23.5   |                |
| 3 750     | 650000 | NR Band n77 SRS2     | Close       | E        | 100        | 17.41                          | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.266         | 23.2   |                |
| 3 750     | 650000 | NR Band n77 SRS2     | Close       | E        | 100        | 17.41                          | Top           | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.002         | 44.4   |                |
| 3 750     | 650000 | NR Band n77 SRS2     | Close       | E        | 100        | 17.41                          | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.018         | 34.9   |                |
| 3 500.01  | 633334 | NR Band n77 DoD SRS2 | Open        | E        | 100        | 16.98                          | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.354         | 21.5   | 21.5           |
| 3 500.01  | 633334 | NR Band n77 DoD SRS2 | Close       | E        | 100        | 16.98                          | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.303         | 22.2   |                |
| 3 750     | 650000 | NR Band n77 SRS3     | Open        | C        | 100        | 17.47                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.182         | 24.9   | 20.5           |
| 3 750     | 650000 | NR Band n77 SRS3     | Open        | C        | 100        | 17.47                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.136         | 26.1   |                |
| 3 750     | 650000 | NR Band n77 SRS3     | Open        | C        | 100        | 17.47                          | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.496         | 20.5   |                |
| 3 750     | 650000 | NR Band n77 SRS3     | Open        | C        | 100        | 17.47                          | Top           | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.037         | 31.8   |                |
| 3 750     | 650000 | NR Band n77 SRS3     | Close       | C        | 100        | 17.47                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.231         | 23.8   |                |
| 3 750     | 650000 | NR Band n77 SRS3     | Close       | C        | 100        | 17.47                          | Front         | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.038         | 31.7   |                |
| 3 750     | 650000 | NR Band n77 SRS3     | Close       | C        | 100        | 17.47                          | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.186         | 24.8   |                |
| 3 750     | 650000 | NR Band n77 SRS3     | Close       | C        | 100        | 17.47                          | Top           | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.002         | 44.5   |                |
| 3 750     | 650000 | NR Band n77 SRS3     | Close       | C        | 100        | 17.47                          | Bottom        | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.036         | 31.9   |                |
| 3 500.01  | 633334 | NR Band n77 DoD SRS3 | Open        | C        | 100        | 17.46                          | Left          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.625         | 19.5   | 19.5           |
| 3 500.01  | 633334 | NR Band n77 DoD SRS3 | Close       | C        | 100        | 17.46                          | Rear          | DFT-S-OFDM QPSK | 0    | 5            | 1       | 137       | 1:1        | 0.256         | 23.4   |                |

Table A-12 DSI=0 *PLimit* Calculations – WLAN Hotspot SAR

| MEASUREMENT RESULTS |     |               |                        |                |             |              |                             |                  |                 |               |        |         |        |                   |
|---------------------|-----|---------------|------------------------|----------------|-------------|--------------|-----------------------------|------------------|-----------------|---------------|--------|---------|--------|-------------------|
| Frequency           |     | Mode/<br>Band | Band<br>width<br>(MHz) | Form<br>Factor | Ant.<br>No. | Data<br>Rate | Frame Averaged              | Test<br>Position | Ant.<br>Config. | Duty<br>Cycle | Meas.  | Scaling | Plimit | Minimum<br>Plimit |
| Mhz                 | Ch. |               |                        |                |             |              | Conducted<br>Power<br>(dBm) |                  |                 |               | (W/kg) | (Duty)  |        |                   |
| 2 462               | 11  | 802.11b       | 20                     | Open           | G           | 1Mbps        | 15.49                       | Rear             | WIFI1           | 98.8          | 0.165  | 1.012   | 22.3   | 18.3              |
| 2 462               | 11  | 802.11b       | 20                     | Open           | G           | 1Mbps        | 15.49                       | Front            | WIFI1           | 98.8          | 0.128  | 1.012   | 23.4   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Open           | G           | 1Mbps        | 15.49                       | Left             | WIFI1           | 98.8          | 0.035  | 1.012   | 29.1   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Open           | G           | 1Mbps        | 15.49                       | Top              | WIFI1           | 98.8          | 0.421  | 1.012   | 18.3   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Close          | G           | 1Mbps        | 15.49                       | Rear             | WIFI1           | 98.8          | 0.040  | 1.012   | 28.5   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Close          | G           | 1Mbps        | 15.49                       | Front            | WIFI1           | 98.8          | 0.164  | 1.012   | 22.4   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Close          | G           | 1Mbps        | 15.49                       | Left             | WIFI1           | 98.8          | 0.047  | 1.012   | 27.8   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Close          | G           | 1Mbps        | 15.49                       | Bottom           | WIFI1           | 98.8          | 0.376  | 1.012   | 18.8   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Open           | H           | 1Mbps        | 14.42                       | Rear             | WIFI2           | 98.8          | 0.061  | 1.012   | 25.6   | 21.4              |
| 2 462               | 11  | 802.11b       | 20                     | Open           | H           | 1Mbps        | 14.42                       | Front            | WIFI2           | 98.8          | 0.161  | 1.012   | 21.4   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Open           | H           | 1Mbps        | 14.42                       | Right            | WIFI2           | 98.8          | 0.028  | 1.012   | 29.0   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Open           | H           | 1Mbps        | 14.42                       | Top              | WIFI2           | 98.8          | 0.122  | 1.012   | 22.6   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Close          | H           | 1Mbps        | 14.42                       | Rear             | WIFI2           | 98.8          | 0.063  | 1.012   | 25.5   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Close          | H           | 1Mbps        | 14.42                       | Front            | WIFI2           | 98.8          | 0.057  | 1.012   | 25.9   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Close          | H           | 1Mbps        | 14.42                       | Right            | WIFI2           | 98.8          | 0.026  | 1.012   | 29.3   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Close          | H           | 1Mbps        | 14.42                       | Bottom           | WIFI2           | 98.8          | 0.094  | 1.012   | 23.7   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Open           | G+H         | 1Mbps        | 14.42                       | Rear             | MIMO            | 98.8          | 0.473  | 1.012   | 16.7   | 14.6              |
| 2 462               | 11  | 802.11b       | 20                     | Open           | G+H         | 1Mbps        | 14.42                       | Front            | MIMO            | 98.8          | 0.278  | 1.012   | 19.0   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Open           | G+H         | 1Mbps        | 14.42                       | Left             | MIMO            | 98.8          | 0.035  | 1.012   | 28.0   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Open           | G+H         | 1Mbps        | 14.42                       | Right            | MIMO            | 98.8          | 0.056  | 1.012   | 26.0   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Open           | G+H         | 1Mbps        | 14.42                       | Top              | MIMO            | 98.8          | 0.770  | 1.012   | 14.6   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Close          | G+H         | 1Mbps        | 14.42                       | Rear             | MIMO            | 98.8          | 0.077  | 1.012   | 24.6   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Close          | G+H         | 1Mbps        | 14.42                       | Front            | MIMO            | 98.8          | 0.230  | 1.012   | 19.8   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Close          | G+H         | 1Mbps        | 14.42                       | Left             | MIMO            | 98.8          | 0.060  | 1.012   | 25.7   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Close          | G+H         | 1Mbps        | 14.42                       | Right            | MIMO            | 98.8          | 0.048  | 1.012   | 26.6   |                   |
| 2 462               | 11  | 802.11b       | 20                     | Close          | G+H         | 1Mbps        | 14.42                       | Bottom           | MIMO            | 98.8          | 0.562  | 1.012   | 16.0   |                   |
| 5 290               | 58  | 802.11ac      | 80                     | Open           | F           | MCS0         | 15.57                       | Rear             | WIFI1           | 85.9          | 0.257  | 1.164   | 20.5   | 16.3              |
| 5 290               | 58  | 802.11ac      | 80                     | Open           | F           | MCS0         | 15.57                       | Front            | WIFI1           | 85.9          | 0.202  | 1.164   | 21.5   |                   |
| 5 290               | 58  | 802.11ac      | 80                     | Open           | F           | MCS0         | 15.57                       | Left             | WIFI1           | 85.9          | 0.676  | 1.164   | 16.3   |                   |
| 5 290               | 58  | 802.11ac      | 80                     | Open           | F           | MCS0         | 15.57                       | Top              | WIFI1           | 85.9          | 0.346  | 1.164   | 19.2   |                   |
| 5 290               | 58  | 802.11ac      | 80                     | Close          | F           | MCS0         | 15.57                       | Rear             | WIFI1           | 85.9          | 0.058  | 1.164   | 27.0   |                   |
| 5 290               | 58  | 802.11ac      | 80                     | Close          | F           | MCS0         | 15.57                       | Front            | WIFI1           | 85.9          | 0.230  | 1.164   | 21.0   |                   |
| 5 290               | 58  | 802.11ac      | 80                     | Close          | F           | MCS0         | 15.57                       | Left             | WIFI1           | 85.9          | 0.537  | 1.164   | 17.3   |                   |
| 5 290               | 58  | 802.11ac      | 80                     | Close          | F           | MCS0         | 15.57                       | Bottom           | WIFI1           | 85.9          | 0.349  | 1.164   | 19.2   |                   |

| MEASUREMENT RESULTS |     |               |               |                |             |              |                    |                  |                 |               |                  |                   |        |                   |
|---------------------|-----|---------------|---------------|----------------|-------------|--------------|--------------------|------------------|-----------------|---------------|------------------|-------------------|--------|-------------------|
| Frequency           |     | Mode/<br>Band | Band<br>width | Form<br>Factor | Ant.<br>No. | Data<br>Rate | Frame Averaged     | Test<br>Position | Ant.<br>Config. | Duty<br>Cycle | Meas.<br>SAR(1g) | Scaling<br>Factor | Plimit | Minimum<br>Plimit |
| MHz                 | Ch. |               |               |                |             |              | Conducted<br>Power |                  |                 |               |                  |                   |        |                   |
|                     |     |               | (MHz)         |                |             |              | (dBm)              |                  |                 |               | (W/kg)           | (Duty)            | (dBm)  | (dBm)             |
| 5 690               | 138 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.52              | Rear             | WIFI1           | 85.9          | 0.344            | 1.164             | 19.2   | 16.4              |
| 5 690               | 138 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.52              | Front            | WIFI1           | 85.9          | 0.244            | 1.164             | 20.7   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.52              | Left             | WIFI1           | 85.9          | 0.612            | 1.164             | 16.7   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.52              | Top              | WIFI1           | 85.9          | 0.308            | 1.164             | 19.7   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.52              | Rear             | WIFI1           | 85.9          | 0.031            | 1.164             | 29.6   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.52              | Front            | WIFI1           | 85.9          | 0.244            | 1.164             | 20.7   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.52              | Left             | WIFI1           | 85.9          | 0.658            | 1.164             | 16.4   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.52              | Bottom           | WIFI1           | 85.9          | 0.413            | 1.164             | 18.4   |                   |
| 5 755               | 155 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.54              | Rear             | WIFI1           | 85.9          | 0.224            | 1.164             | 21.1   | 17.6              |
| 5 755               | 155 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.54              | Front            | WIFI1           | 85.9          | 0.192            | 1.164             | 21.7   |                   |
| 5 755               | 155 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.54              | Right            | WIFI1           | 85.9          | 0.467            | 1.164             | 17.9   |                   |
| 5 755               | 155 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.54              | Top              | WIFI1           | 85.9          | 0.267            | 1.164             | 20.3   |                   |
| 5 755               | 155 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.54              | Rear             | WIFI1           | 85.9          | 0.000            | 1.164             | -      |                   |
| 5 755               | 155 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.54              | Front            | WIFI1           | 85.9          | 0.187            | 1.164             | 21.9   |                   |
| 5 755               | 155 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.54              | Right            | WIFI1           | 85.9          | 0.496            | 1.164             | 17.6   |                   |
| 5 755               | 155 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.54              | Bottom           | WIFI1           | 85.9          | 0.297            | 1.164             | 19.8   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.97              | Rear             | WIFI1           | 85.9          | 0.168            | 1.164             | 22.7   | 19.0              |
| 5 855               | 171 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.97              | Front            | WIFI1           | 85.9          | 0.190            | 1.164             | 22.2   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.97              | Left             | WIFI1           | 85.9          | 0.387            | 1.164             | 19.1   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Open           | F           | MCS0         | 15.97              | Right            | WIFI1           | 85.9          | 0.208            | 1.164             | 21.8   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.97              | Rear             | WIFI1           | 85.9          | 0.001            | 1.164             | 45.0   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.97              | Front            | WIFI1           | 85.9          | 0.162            | 1.164             | 22.9   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.97              | Left             | WIFI1           | 85.9          | 0.400            | 1.164             | 19.0   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Close          | F           | MCS0         | 15.97              | Right            | WIFI1           | 85.9          | 0.218            | 1.164             | 21.6   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Open           | H           | MCS0         | 15.25              | Rear             | WIFI2           | 85.9          | 0.047            | 1.164             | 27.6   | 25.4              |
| 5 290               | 58  | 802.11ac      | 80            | Open           | H           | MCS0         | 15.25              | Front            | WIFI2           | 85.9          | 0.060            | 1.164             | 26.5   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Open           | H           | MCS0         | 15.25              | Right            | WIFI2           | 85.9          | 0.000            | 1.164             | -      |                   |
| 5 290               | 58  | 802.11ac      | 80            | Open           | H           | MCS0         | 15.25              | Top              | WIFI2           | 85.9          | 0.020            | 1.164             | 31.3   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Close          | H           | MCS0         | 15.25              | Rear             | WIFI2           | 85.9          | 0.024            | 1.164             | 30.5   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Close          | H           | MCS0         | 15.25              | Front            | WIFI2           | 85.9          | 0.078            | 1.164             | 25.4   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Close          | H           | MCS0         | 15.25              | Right            | WIFI2           | 85.9          | 0.020            | 1.164             | 31.3   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Close          | H           | MCS0         | 15.25              | Bottom           | WIFI2           | 85.9          | 0.011            | 1.164             | 33.9   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.23              | Rear             | WIFI2           | 85.9          | 0.133            | 1.164             | 23.0   | 23.0              |
| 5 690               | 138 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.23              | Front            | WIFI2           | 85.9          | 0.118            | 1.164             | 23.5   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.23              | Right            | WIFI2           | 85.9          | 0.022            | 1.164             | 30.8   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.23              | Top              | WIFI2           | 85.9          | 0.047            | 1.164             | 27.5   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.23              | Rear             | WIFI2           | 85.9          | 0.000            | 1.164             | -      |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.23              | Front            | WIFI2           | 85.9          | 0.062            | 1.164             | 26.3   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.23              | Right            | WIFI2           | 85.9          | 0.020            | 1.164             | 31.3   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.23              | Bottom           | WIFI2           | 85.9          | 0.068            | 1.164             | 25.9   |                   |

| MEASUREMENT RESULTS |     |               |               |                |             |              |                    |                  |                 |               |                  |                   |        |                   |
|---------------------|-----|---------------|---------------|----------------|-------------|--------------|--------------------|------------------|-----------------|---------------|------------------|-------------------|--------|-------------------|
| Frequency           |     | Mode/<br>Band | Band<br>width | Form<br>Factor | Ant.<br>No. | Data<br>Rate | Frame Averaged     | Test<br>Position | Ant.<br>Config. | Duty<br>Cycle | Meas.<br>SAR(1g) | Scaling<br>Factor | Plimit | Minimum<br>Plimit |
| MHz                 | Ch. |               |               |                |             |              | Conducted<br>Power |                  |                 |               |                  |                   |        |                   |
|                     |     |               | (MHz)         |                |             |              | (dBm)              |                  |                 |               | (W/kg)           | (Duty)            | (dBm)  | (dBm)             |
| 5 755               | 155 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.24              | Rear             | WIFI2           | 85.9          | 0.104            | 1.164             | 24.1   | 23.5              |
| 5 755               | 155 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.24              | Front            | WIFI2           | 85.9          | 0.117            | 1.164             | 23.5   |                   |
| 5 755               | 155 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.24              | Right            | WIFI2           | 85.9          | 0.041            | 1.164             | 28.1   |                   |
| 5 755               | 155 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.24              | Top              | WIFI2           | 85.9          | 0.051            | 1.164             | 27.2   |                   |
| 5 755               | 155 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.24              | Rear             | WIFI2           | 85.9          | 0.003            | 1.164             | 39.5   |                   |
| 5 755               | 155 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.24              | Front            | WIFI2           | 85.9          | 0.078            | 1.164             | 25.4   |                   |
| 5 755               | 155 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.24              | Right            | WIFI2           | 85.9          | 0.052            | 1.164             | 27.1   |                   |
| 5 755               | 155 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.24              | Bottom           | WIFI2           | 85.9          | 0.098            | 1.164             | 24.4   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.96              | Rear             | WIFI2           | 85.9          | 0.232            | 1.164             | 21.3   | 21.3              |
| 5 855               | 171 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.96              | Front            | WIFI2           | 85.9          | 0.120            | 1.164             | 24.2   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.96              | Right            | WIFI2           | 85.9          | 0.108            | 1.164             | 24.7   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Open           | H           | MCS0         | 15.96              | Top              | WIFI2           | 85.9          | 0.081            | 1.164             | 25.9   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.96              | Rear             | WIFI2           | 85.9          | 0.005            | 1.164             | 38.0   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.96              | Front            | WIFI2           | 85.9          | 0.161            | 1.164             | 22.9   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.96              | Right            | WIFI2           | 85.9          | 0.144            | 1.164             | 23.4   |                   |
| 5 855               | 171 | 802.11ac      | 80            | Close          | H           | MCS0         | 15.96              | Bottom           | WIFI2           | 85.9          | 0.101            | 1.164             | 24.9   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.25              | Rear             | MIMO            | 85.9          | 0.294            | 1.164             | 19.6   | 16.0              |
| 5 290               | 58  | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.25              | Front            | MIMO            | 85.9          | 0.316            | 1.164             | 19.3   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.25              | Left             | MIMO            | 85.9          | 0.662            | 1.164             | 16.1   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.25              | Right            | MIMO            | 85.9          | 0.008            | 1.164             | 35.3   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.25              | Top              | MIMO            | 85.9          | 0.376            | 1.164             | 18.5   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.25              | Rear             | MIMO            | 85.9          | 0.117            | 1.164             | 23.6   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.25              | Front            | MIMO            | 85.9          | 0.240            | 1.164             | 20.5   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.25              | Left             | MIMO            | 85.9          | 0.669            | 1.164             | 16.0   |                   |
| 5 290               | 58  | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.25              | Right            | MIMO            | 85.9          | 0.039            | 1.164             | 28.4   | 15.8              |
| 5 290               | 58  | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.25              | Bottom           | MIMO            | 85.9          | 0.417            | 1.164             | 18.1   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.23              | Rear             | MIMO            | 85.9          | 0.304            | 1.164             | 19.4   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.23              | Front            | MIMO            | 85.9          | 0.293            | 1.164             | 19.6   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.23              | Left             | MIMO            | 85.9          | 0.694            | 1.164             | 15.8   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.23              | Right            | MIMO            | 85.9          | 0.026            | 1.164             | 30.1   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.23              | Top              | MIMO            | 85.9          | 0.334            | 1.164             | 16.4   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.23              | Rear             | MIMO            | 85.9          | 0.061            | 1.164             | 26.4   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.23              | Front            | MIMO            | 85.9          | 0.253            | 1.164             | 20.2   | 15.8              |
| 5 690               | 138 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.23              | Left             | MIMO            | 85.9          | 0.672            | 1.164             | 16.0   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.23              | Right            | MIMO            | 85.9          | 0.038            | 1.164             | 28.5   |                   |
| 5 690               | 138 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.23              | Bottom           | MIMO            | 85.9          | 0.426            | 1.164             | 18.0   |                   |

| MEASUREMENT RESULTS |     |               |               |                |             |              |                    |                  |                 |               |         |         |        |         |
|---------------------|-----|---------------|---------------|----------------|-------------|--------------|--------------------|------------------|-----------------|---------------|---------|---------|--------|---------|
| Frequency           |     | Mode/<br>Band | Band<br>width | Form<br>Factor | Ant.<br>No. | Data<br>Rate | Frame Averaged     | Test<br>Position | Ant.<br>Config. | Duty<br>Cycle | Meas.   | Scaling | Plimit | Minimum |
|                     |     |               |               |                |             |              | Conducted<br>Power |                  |                 |               | SAR(1g) | Factor  | (dBm)  | Plimit  |
| MHz                 | Ch. |               | (MHz)         |                |             |              | (dBm)              |                  |                 |               | (W/kg)  | (Duty)  | (dBm)  | (dBm)   |
| 5 755               | 155 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.24              | Rear             | MIMO            | 85.9          | 0.251   | 1.164   | 20.3   | 16.7    |
| 5 755               | 155 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.24              | Front            | MIMO            | 85.9          | 0.247   | 1.164   | 20.3   |         |
| 5 755               | 155 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.24              | Left             | MIMO            | 85.9          | 0.576   | 1.164   | 16.7   |         |
| 5 755               | 155 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.24              | Right            | MIMO            | 85.9          | 0.031   | 1.164   | 29.4   |         |
| 5 755               | 155 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.24              | Top              | MIMO            | 85.9          | 0.316   | 1.164   | 16.8   |         |
| 5 755               | 155 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.24              | Rear             | MIMO            | 85.9          | 0.019   | 1.164   | 31.5   |         |
| 5 755               | 155 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.24              | Front            | MIMO            | 85.9          | 0.359   | 1.164   | 18.7   |         |
| 5 755               | 155 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.24              | Left             | MIMO            | 85.9          | 0.551   | 1.164   | 16.9   |         |
| 5 755               | 155 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.24              | Right            | MIMO            | 85.9          | 0.068   | 1.164   | 25.9   |         |
| 5 755               | 155 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.24              | Bottom           | MIMO            | 85.9          | 0.321   | 1.164   | 19.2   |         |
| 5 855               | 171 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.96              | Rear             | MIMO            | 85.9          | 0.183   | 1.164   | 22.4   | 18.2    |
| 5 855               | 171 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.96              | Front            | MIMO            | 85.9          | 0.169   | 1.164   | 22.7   |         |
| 5 855               | 171 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.96              | Left             | MIMO            | 85.9          | 0.432   | 1.164   | 18.6   |         |
| 5 855               | 171 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.96              | Right            | MIMO            | 85.9          | 0.092   | 1.164   | 25.4   |         |
| 5 855               | 171 | 802.11ac      | 80            | Open           | F+H         | MCS0         | 15.96              | Top              | MIMO            | 85.9          | 0.254   | 1.164   | 20.9   |         |
| 5 855               | 171 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.96              | Rear             | MIMO            | 85.9          | 0.010   | 1.164   | 35.0   |         |
| 5 855               | 171 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.96              | Front            | MIMO            | 85.9          | 0.220   | 1.164   | 21.6   |         |
| 5 855               | 171 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.96              | Left             | MIMO            | 85.9          | 0.475   | 1.164   | 18.2   |         |
| 5 855               | 171 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.96              | Right            | MIMO            | 85.9          | 0.145   | 1.164   | 23.4   |         |
| 5 855               | 171 | 802.11ac      | 80            | Close          | F+H         | MCS0         | 15.96              | Bottom           | MIMO            | 85.9          | 0.270   | 1.164   | 20.7   |         |

| MEASUREMENT RESULTS |     |               |               |                |             |              |                    |                  |                 |               |                  |                   |        |                   |
|---------------------|-----|---------------|---------------|----------------|-------------|--------------|--------------------|------------------|-----------------|---------------|------------------|-------------------|--------|-------------------|
| Frequency           |     | Mode/<br>Band | Band<br>width | Form<br>Factor | Ant.<br>No. | Data<br>Rate | Frame Averaged     | Test<br>Position | Ant.<br>Config. | Duty<br>Cycle | Meas.<br>SAR(1g) | Scaling<br>Factor | Plimit | Minimum<br>Plimit |
| MHz                 | Ch. |               |               |                |             |              | Conducted<br>Power |                  |                 |               |                  |                   |        |                   |
|                     |     |               | (MHz)         |                |             |              | (dBm)              |                  |                 |               | (W/kg)           | (Duty)            | (dBm)  | (dBm)             |
| 6 165               | 43  | 802.11ax40    | 40            | Open           | F           | MCS0         | 10.91              | Rear             | WIFI1           | 99.6          | 0.024            | 1.004             | 26.1   | 22.0              |
| 6 165               | 43  | 802.11ax40    | 40            | Open           | F           | MCS0         | 10.91              | Front            | WIFI1           | 99.6          | 0.032            | 1.004             | 24.9   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Open           | F           | MCS0         | 10.91              | Left             | WIFI1           | 99.6          | 0.062            | 1.004             | 22.0   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Open           | F           | MCS0         | 10.91              | Top              | WIFI1           | 99.6          | 0.044            | 1.004             | 23.5   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Close          | F           | MCS0         | 10.91              | Rear             | WIFI1           | 99.6          | 0.000            | 1.004             | -      |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Close          | F           | MCS0         | 10.91              | Front            | WIFI1           | 99.6          | 0.017            | 1.004             | 27.6   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Close          | F           | MCS0         | 10.91              | Left             | WIFI1           | 99.6          | 0.033            | 1.004             | 24.8   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Close          | F           | MCS0         | 10.91              | Bottom           | WIFI1           | 99.6          | 0.000            | 1.004             | -      | 24.7              |
| 6 165               | 43  | 802.11ax40    | 40            | Open           | H           | MCS0         | 9.94               | Rear             | WIFI2           | 99.6          | 0.004            | 1.004             | 33.0   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Open           | H           | MCS0         | 9.94               | Front            | WIFI2           | 99.6          | 0.000            | 1.004             | -      |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Open           | H           | MCS0         | 9.94               | Right            | WIFI2           | 99.6          | 0.025            | 1.004             | 24.7   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Open           | H           | MCS0         | 9.94               | Top              | WIFI2           | 99.6          | 0.000            | 1.004             | -      |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Close          | H           | MCS0         | 9.94               | Rear             | WIFI2           | 99.6          | 0.009            | 1.004             | 29.4   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Close          | H           | MCS0         | 9.94               | Front            | WIFI2           | 99.6          | 0.000            | 1.004             | -      |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Close          | H           | MCS0         | 9.94               | Right            | WIFI2           | 99.6          | 0.027            | 1.004             | 24.7   | 21.0              |
| 6 165               | 43  | 802.11ax40    | 40            | Close          | H           | MCS0         | 9.94               | Bottom           | WIFI2           | 99.6          | 0.002            | 1.004             | 36.0   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Open           | F+H         | MCS0         | 9.94               | Rear             | MIMO            | 99.6          | 0.028            | 1.004             | 24.5   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Open           | F+H         | MCS0         | 9.94               | Front            | MIMO            | 99.6          | 0.032            | 1.004             | 23.9   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Open           | F+H         | MCS0         | 9.94               | Left             | MIMO            | 99.6          | 0.062            | 1.004             | 21.0   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Open           | F+H         | MCS0         | 9.94               | Right            | MIMO            | 99.6          | 0.025            | 1.004             | 25.0   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Open           | F+H         | MCS0         | 9.94               | Top              | MIMO            | 99.6          | 0.044            | 1.004             | 22.5   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Close          | F+H         | MCS0         | 9.94               | Rear             | MIMO            | 99.6          | 0.009            | 1.004             | 29.4   | 21.0              |
| 6 165               | 43  | 802.11ax40    | 40            | Close          | F+H         | MCS0         | 9.94               | Front            | MIMO            | 99.6          | 0.017            | 1.004             | 26.7   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Close          | F+H         | MCS0         | 9.94               | Left             | MIMO            | 99.6          | 0.033            | 1.004             | 23.8   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Close          | F+H         | MCS0         | 9.94               | Right            | MIMO            | 99.6          | 0.027            | 1.004             | 24.7   |                   |
| 6 165               | 43  | 802.11ax40    | 40            | Close          | F+H         | MCS0         | 9.94               | Top              | MIMO            | 99.6          | 0.002            | 1.004             | 36.0   |                   |

| MEASUREMENT RESULTS |     |            |             |          |                                |               |              |               |                |        |                |
|---------------------|-----|------------|-------------|----------|--------------------------------|---------------|--------------|---------------|----------------|--------|----------------|
| Frequency           |     | Mode/ Band | Form Factor | Ant. No. | Frame Averaged Conducted Power | Test Position | Ant. Config. | Meas. SAR(1g) | Scaling Factor | Plimit | Minimum Plimit |
| Mhz                 | Ch. |            |             |          | (dBm)                          |               |              | (W/kg)        |                | (dBm)  | (dBm)          |
| 2 402               | 0   | DH5        | Open        | G        | 18.62                          | Rear          | Bluetooth1   | 0.180         | 1.013          | 25.1   | 19.7           |
| 2 402               | 0   | DH5        | Open        | G        | 18.62                          | Front         | Bluetooth1   | 0.190         | 1.013          | 24.9   |                |
| 2 402               | 0   | DH5        | Open        | G        | 18.62                          | Left          | Bluetooth1   | 0.042         | 1.013          | 31.4   |                |
| 2 402               | 0   | DH5        | Open        | G        | 18.62                          | Top           | Bluetooth1   | 0.617         | 1.013          | 19.7   |                |
| 2 402               | 0   | DH5        | Close       | G        | 18.62                          | Rear          | Bluetooth1   | 0.037         | 1.013          | 32.0   |                |
| 2 402               | 0   | DH5        | Close       | G        | 18.62                          | Front         | Bluetooth1   | 0.221         | 1.013          | 24.2   |                |
| 2 402               | 0   | DH5        | Close       | G        | 18.62                          | Left          | Bluetooth1   | 0.027         | 1.013          | 33.3   |                |
| 2 402               | 0   | DH5        | Close       | G        | 18.62                          | Bottom        | Bluetooth1   | 0.441         | 1.013          | 21.2   |                |
| 2 402               | 0   | DH5        | Open        | H        | 19.03                          | Rear          | Bluetooth2   | 0.147         | 1.013          | 26.4   | 23.7           |
| 2 402               | 0   | DH5        | Open        | H        | 19.03                          | Front         | Bluetooth2   | 0.271         | 1.013          | 23.7   |                |
| 2 402               | 0   | DH5        | Open        | H        | 19.03                          | Right         | Bluetooth2   | 0.046         | 1.013          | 31.4   |                |
| 2 402               | 0   | DH5        | Open        | H        | 19.03                          | Top           | Bluetooth2   | 0.274         | 1.013          | 23.7   |                |
| 2 402               | 0   | DH5        | Close       | H        | 19.03                          | Rear          | Bluetooth2   | 0.124         | 1.013          | 27.1   |                |
| 2 402               | 0   | DH5        | Close       | H        | 19.03                          | Front         | Bluetooth2   | 0.237         | 1.013          | 24.3   |                |
| 2 402               | 0   | DH5        | Close       | H        | 19.03                          | Right         | Bluetooth2   | 0.078         | 1.013          | 29.1   |                |
| 2 402               | 0   | DH5        | Close       | H        | 19.03                          | Bottom        | Bluetooth2   | 0.223         | 1.013          | 24.6   |                |
| 2 441               | 39  | DH5        | Open        | G+H      | 14.32                          | Rear          | Dual         | 0.307         | 1.013          | 18.5   | 15.2           |
| 2 441               | 39  | DH5        | Open        | G+H      | 14.32                          | Front         | Dual         | 0.351         | 1.013          | 17.9   |                |
| 2 441               | 39  | DH5        | Open        | G+H      | 14.32                          | Left          | Dual         | 0.029         | 1.013          | 28.7   |                |
| 2 441               | 39  | DH5        | Open        | G+H      | 14.32                          | Right         | Dual         | 0.027         | 1.013          | 29.0   |                |
| 2 441               | 39  | DH5        | Open        | G+H      | 14.32                          | Top           | Dual         | 0.653         | 1.013          | 15.2   |                |
| 2 441               | 39  | DH5        | Close       | G+H      | 14.32                          | Rear          | Dual         | 0.046         | 1.013          | 26.7   |                |
| 2 441               | 39  | DH5        | Close       | G+H      | 14.32                          | Front         | Dual         | 0.287         | 1.013          | 18.8   |                |
| 2 441               | 39  | DH5        | Close       | G+H      | 14.32                          | Left          | Dual         | 0.045         | 1.013          | 26.8   |                |
| 2 441               | 39  | DH5        | Close       | G+H      | 14.32                          | Right         | Dual         | 0.022         | 1.013          | 29.9   |                |
| 2 441               | 39  | DH5        | Close       | G+H      | 14.32                          | Bottom        | Dual         | 0.454         | 1.013          | 16.8   |                |