

# FCC SAR Compliance Test Report

For

INFINIX MOBILITY LIMITED

FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET

FOTAN NT HONGKONG

Model: X6896

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Report Number: WSCT-ANAB-R&E260400031A-SAR

Report Date: 06 May 2026

FCCID: 2AIZN-X6896

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## Modified History

| REV.    | Modification Description    | Issued Date | Remark    |
|---------|-----------------------------|-------------|-----------|
| REV.1.0 | Initial Test Report Release | 06 May 2026 | Li Huaibi |
|         |                             |             |           |

## 1 General information

### 1.1 Notes

The test results of this test report relate exclusively to the test item specified in this test report. Shenzhen Timeway Testing Laboratories does not assume responsibility for any conclusions and generalisations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item. The test report is not to be reproduced or published in full without the prior written permission.

### 1.2 Application details

Date of receipt of test item: 2026-04-13  
Start of test: 2026-04-13  
End of test: 2026-05-06

### 1.3 Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for LK6 is as below:

| Band        | Position Test Points | MAX Reported SAR <sub>1g</sub><br>(W/kg) |
|-------------|----------------------|------------------------------------------|
| GSM850      | Head                 | 0.233                                    |
| GSM1900     | Head                 | 0.598                                    |
| UMTS Band 2 | Head                 | 0.394                                    |
| UMTS Band 4 | Head                 | 0.497                                    |
| UMTS Band 5 | Head                 | 0.233                                    |
| LTE Band 2  | Head                 | 0.401                                    |
| LTE Band 4  | Head                 | 0.397                                    |
| LTE Band 5  | Head                 | 0.186                                    |
| LTE Band 7  | Head                 | 0.274                                    |
| LTE Band 12 | Head                 | 0.100                                    |
| LTE Band 13 | Head                 | 0.075                                    |
| LTE Band 17 | Head                 | 0.099                                    |
| LTE Band 38 | Head                 | 0.052                                    |
| LTE Band 41 | Head                 | 0.078                                    |
| LTE Band 42 | Head                 | 0.510                                    |
| LTE Band 43 | Head                 | 0.422                                    |
| LTE Band 43 | Head                 | 0.453                                    |
| LTE Band 48 | Head                 | 0.459                                    |
| LTE Band 66 | Head                 | 0.408                                    |
| NR n5       | Head                 | 0.214                                    |
| NR n7       | Head                 | 0.940                                    |
| NR n12      | Head                 | 0.111                                    |
| NR n38      | Head                 | 0.037                                    |
| NR n41      | Head                 | 0.039                                    |
| NR n48      | Head                 | 0.542                                    |
| NR n66      | Head                 | 0.348                                    |
| NR n77      | Head                 | 0.401                                    |
| NR n77      | Head                 | 0.471                                    |
| NR n77      | Head                 | 0.369                                    |
| NR n78      | Head                 | 0.403                                    |
| NR n78      | Head                 | 0.422                                    |
| NR n78      | Head                 | 0.498                                    |
| 2-n7        | Head                 | 0.363                                    |
| 2-n66       | Head                 | 0.289                                    |
| 2-n78       | Head                 | 0.358                                    |
| 4-n7        | Head                 | 0.645                                    |
| 4-n41       | Head                 | 0.153                                    |
| 4-n78       | Head                 | 0.273                                    |
| 5-n7        | Head                 | 0.275                                    |
| 5-n38       | Head                 | 0.105                                    |
| 5-n41       | Head                 | 0.121                                    |
| 5-n66       | Head                 | 0.671                                    |
| 5-n77       | Head                 | 0.203                                    |
| 5-n78       | Head                 | 0.154                                    |
| 7-n66       | Head                 | 0.294                                    |
| 7-n77       | Head                 | 0.595                                    |
| 7-n78       | Head                 | 0.523                                    |
| 38-n78      | Head                 | 0.486                                    |

| Band         | Position Test Points | MAX Reported SAR <sub>1g</sub> (W/kg) |
|--------------|----------------------|---------------------------------------|
| 41-n77       | Head                 | 0.604                                 |
| 41-n78       | Head                 | 0.490                                 |
| 66-n7        | Head                 | 0.234                                 |
| 66-n38       | Head                 | 0.103                                 |
| 66-n41       | Head                 | 0.151                                 |
| 66-n66       | Head                 | 0.110                                 |
| 66-n77       | Head                 | 0.365                                 |
| 66-n78       | Head                 | 0.316                                 |
| BT           | Head                 | 0.141                                 |
| 2.4GWIFI     | Head                 | 0.287                                 |
| 5GWIFI Band1 | Head                 | 0.312                                 |
| 5GWIFI Band2 | Head                 | 0.453                                 |
| 5GWIFI Band3 | Head                 | 0.360                                 |
| 5GWIFI Band4 | Head                 | 0.408                                 |

| Band        | Position Test Points | MAX Reported SAR <sub>1g</sub> (W/kg) |
|-------------|----------------------|---------------------------------------|
| GSM850      | Body & Hotspot 10mm  | 0.207                                 |
| GSM1900     | Body & Hotspot 10mm  | 0.083                                 |
| UMTS Band 2 | Body & Hotspot 10mm  | 0.065                                 |
| UMTS Band 4 | Body & Hotspot 10mm  | 0.061                                 |
| UMTS Band 5 | Body & Hotspot 10mm  | 0.493                                 |
| LTE Band 2  | Body & Hotspot 10mm  | 0.054                                 |
| LTE Band 4  | Body & Hotspot 10mm  | 0.044                                 |
| LTE Band 5  | Body & Hotspot 10mm  | 0.408                                 |
| LTE Band 7  | Body & Hotspot 10mm  | 0.068                                 |
| LTE Band 12 | Body & Hotspot 10mm  | 0.169                                 |
| LTE Band 13 | Body & Hotspot 10mm  | 0.205                                 |
| LTE Band 17 | Body & Hotspot 10mm  | 0.170                                 |
| LTE Band 38 | Body & Hotspot 10mm  | 0.194                                 |
| LTE Band 41 | Body & Hotspot 10mm  | 0.245                                 |
| LTE Band 42 | Body & Hotspot 10mm  | 0.105                                 |
| LTE Band 43 | Body & Hotspot 10mm  | 0.079                                 |
| LTE Band 43 | Body & Hotspot 10mm  | 0.070                                 |
| LTE Band 48 | Body & Hotspot 10mm  | 0.083                                 |
| LTE Band 66 | Body & Hotspot 10mm  | 0.051                                 |
| NR n5       | Body & Hotspot 10mm  | 0.610                                 |
| NR n7       | Body & Hotspot 10mm  | 0.247                                 |
| NR n12      | Body & Hotspot 10mm  | 0.282                                 |
| NR n38      | Body & Hotspot 10mm  | 0.194                                 |
| NR n41      | Body & Hotspot 10mm  | 0.197                                 |
| NR n48      | Body & Hotspot 10mm  | 0.133                                 |
| NR n66      | Body & Hotspot 10mm  | 0.056                                 |
| NR n77      | Body & Hotspot 10mm  | 0.104                                 |
| NR n77      | Body & Hotspot 10mm  | 0.114                                 |
| NR n77      | Body & Hotspot 10mm  | 0.079                                 |
| NR n78      | Body & Hotspot 10mm  | 0.105                                 |
| NR n78      | Body & Hotspot 10mm  | 0.107                                 |
| NR n78      | Body & Hotspot 10mm  | 0.112                                 |

| Band                                                     | Position Test Points | MAX Reported SAR1g (W/kg) |
|----------------------------------------------------------|----------------------|---------------------------|
| 2-n7                                                     | Body & Hotspot 10mm  | 0.081                     |
| 2-n66                                                    | Body & Hotspot 10mm  | 0.296                     |
| 2-n78                                                    | Body & Hotspot 10mm  | 0.252                     |
| 4-n7                                                     | Body & Hotspot 10mm  | 0.423                     |
| 4-n41                                                    | Body & Hotspot 10mm  | 0.486                     |
| 4-n78                                                    | Body & Hotspot 10mm  | 0.621                     |
| 5-n7                                                     | Body & Hotspot 10mm  | 0.255                     |
| 5-n38                                                    | Body & Hotspot 10mm  | 0.229                     |
| 5-n41                                                    | Body & Hotspot 10mm  | 0.238                     |
| 5-n66                                                    | Body & Hotspot 10mm  | 0.244                     |
| 5-n77                                                    | Body & Hotspot 10mm  | 0.283                     |
| 5-n78                                                    | Body & Hotspot 10mm  | 0.066                     |
| 7-n66                                                    | Body & Hotspot 10mm  | 0.049                     |
| 7-n77                                                    | Body & Hotspot 10mm  | 0.470                     |
| 7-n78                                                    | Body & Hotspot 10mm  | 0.472                     |
| 38-n78                                                   | Body & Hotspot 10mm  | 0.086                     |
| 41-n77                                                   | Body & Hotspot 10mm  | 0.125                     |
| 41-n78                                                   | Body & Hotspot 10mm  | 0.087                     |
| 66-n7                                                    | Body & Hotspot 10mm  | 0.047                     |
| 66-n38                                                   | Body & Hotspot 10mm  | 0.386                     |
| 66-n41                                                   | Body & Hotspot 10mm  | 0.316                     |
| 66-n66                                                   | Body & Hotspot 10mm  | 0.316                     |
| 66-n77                                                   | Body & Hotspot 10mm  | 0.536                     |
| 66-n78                                                   | Body & Hotspot 10mm  | 0.480                     |
| BT                                                       | Body & Hotspot 10mm  | 0.023                     |
| 2.4GWIFI                                                 | Body & Hotspot 10mm  | 0.058                     |
| 5GWIFI Band1                                             | Body & Hotspot 10mm  | 0.065                     |
| 5GWIFI Band2                                             | Body & Hotspot 10mm  | 0.083                     |
| 5GWIFI Band3                                             | Body & Hotspot 10mm  | 0.067                     |
| 5GWIFI Band4                                             | Body & Hotspot 10mm  | 0.066                     |
| Maximum Max. SAR Level(s)<br>Measured: (Limit: 1.6W/Kg): | N7                   | 0.940 W/kg1gHeadTissue    |
|                                                          | 5G WIFI Band 2       | 0.453 W/kg1gHeadTissue    |
|                                                          | 4-n78                | 0.621 W/kg1gBodyTissue    |
|                                                          | 5G WIFI Band 2       | 0.083 W/kg1gBodyTissue    |
| The Head highest simultaneous SAR :                      |                      | 1.393 W/kg1gHeadTissue    |
| The Body highest simultaneous SAR :                      |                      | 0.704 W/kg1gBodyTissue    |

The device is in compliance with Specific Absorption Rate ( SAR ) for general population/uncontrolled exposure limits of 1.6 W/Kg as averaged over any 1g tissue according to the FCC rule the ANSI/IEEE C95.1:2005, the NCRP Report Number 86 for uncontrolled environment, according to the Industry Canada Radio Standards Specification RSS-102 for General Population/Uncontrolled exposure, and had been tested in accordance with the measurement methods and procedures specified in IEEE Std 1528-2013.

## 1.4 EUT Information

| Device Information:                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                           | Mobile Phone                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Model:                                  | X6896                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Trade Name:                             | Infinix                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Software version:                       | X6896-16.3.0.013                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Hardware version:                       | V1.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Device Type:                            | Portable device                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Exposure Category:                      | uncontrolled environment / general population                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Production Unit or Identical Prototype: | Production Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Antenna Type :                          | Integral Antenna                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Device Operating Configurations:        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Supporting Mode(s) :                    | GSM850, PCS1900<br>WCDMA B2/ WCDMA B4/ WCDMA B5<br>LTE Band 2/4/5/7/12/13/17/38/41/42//43/48/66<br>NR Band 5/7/12/38/41/66/77/78<br>NSA(EN-DC):<br>DC_2A_n7A, DC_2A_n66A, DC_2A_n78A;<br>DC_4A_n7A, DC_4A_n41A, DC_4A_n78A;<br>DC_5A_n7A, DC_5A_n38A, DC_5A_n41A,DC_5A_n66A,<br>DC_5A_n77A,DC_5A_n78A;<br>DC_7A_n66A,DC_7A_n77A, DC_7A_n78A;<br>DC_38A_n78A;<br>DC_41A_n77A, DC_41A_n78A;<br>DC_66A_n7A, DC_66A_n38A, DC_66A_n41A,<br>DC_66A_n66A, DC_66A_n77A, DC_66A_n78A; |
| Modulation:                             | GMSK, 8PSK (GSM)<br>QPSK,16QAM,64QAM(WCDMA/HSDPA/HSUPA)<br>QPSK, 16-QAM, 64-QAM,256-QAM (LTE)<br>PI/2 BPSK,QPSK, 16-QAM, 64-QAM,256-QAM (NR)<br>GFSK, $\pi/4$ -DQPSK, 8-DPSK (BT)<br>DSSS (DBPSK, DQPSK, CCK) for IEEE 802.11b<br>IEEE 802.11a/g/n/ac: OFDM<br>IEEE 802.11ax: OFDM /OFDMA<br>(BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM)                                                                                                                                          |
| Device Class :                          | Class B, No DTM Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Operating Frequency Range(s):           | GSM850: 824-849MHz (TX), 869-894MHz (RX) ;<br>PCS1900: 1850-1910MHz (TX), 1930-1990MHz (RX);<br>WCDMA Band2: 1850-1910MHz (TX), 1930-1990MHz (RX);<br>WCDMA Band4: 1710-1755MHz (TX), 2110-2155MHz (RX);<br>WCDMA Band5: 824-849MHz (TX), 869-894MHz (RX);<br>LTE Band2: 1850-1910MHz (TX), 1930-1990MHz (RX);<br>LTE Band4: 1710-1755MHz (TX), 2110-2155MHz (RX);<br>LTE Band5: 824-849MHz (TX), 869-894MHz (RX);                                                           |

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Frequency Range(s)    | LTE Band7: 2500-2570MHz (TX), 2620-2690MHz (RX);<br>LTE Band12: 699-716MHz (TX), 729-746MHz (RX);<br>LTE Band13: 777-787 MHz (TX), 746-756 MHz (RX);<br>LTE Band17: 704-716MHz (TX), 734-746MHz (RX);<br>LTE Band38: 2570-2620MHz(TX), 2570-2620MHz(RX);<br>LTE Band41: 2496-2690 MHz(TX), 2496-2690 MHz(RX);<br>LTE Band42: 3450-3550 MHz(TX), 3400-3600 MHz(RX);<br>LTE Band43: 3700-3800 MHz(TX), 3600-3800 MHz(RX);<br>LTE Band48: 3500-3700MHz (TX), 3500-3700MHz (RX)<br>LTE Band66:1710-1780 MHz(TX), 2110-2200 MHz(RX);<br>NR Band5: 824-849MHz (TX), 869-894MHz (RX);<br>NR Band7: 2500-2570MHz (TX), 2620-2690MHz (RX);<br>NR Band12: 699-716MHz (TX), 729-746MHz (RX);<br>NR Band38:2570-2620MHz(TX), 2570-2620MHz(RX);<br>NR Band41:2496-2690 MHz(TX), 2496-2690 MHz(RX);<br>NR Band48: 3500-3700MHz (TX), 3500-3700MHz (RX)<br>NR Band66:1710-1780 MHz(TX), 2110-2200 MHz(RX);<br>NR Band77:3450-3550 MHz(TX), 3300-4200 MHz(RX);<br>NR Band77:3700-3980 MHz(TX), 3300-4200 MHz(RX);<br>NR Band78:3450-3550 MHz(TX), 3300-3800 MHz(RX);<br>NR Band78:3700-3800 MHz(TX), 3300-3800 MHz(RX);<br>Bluetooth: 2402-2480MHz (TX/RX)<br>2412MHz~2462MHz (802.11b/g/n/ax(HT20))<br>2422MHz~2452MHz (802.11n/ax(HT40))<br>5G WIFI Band 1: 5180-5250 MHz<br>5G WIFI Band 2: 5250-5320 MHz<br>5G WIFI Band 3: 5500-5700 MHz<br>5G WIFI Band 4: 5745-5825 MHz |
| Antenna gain:                   | GSM850/WCDMA B5/LTE B5/ NR B5:-2.31dBi<br>PCS 1900/WCDMA B2/LTE B2:-1.72dBi<br>WCDMA B4/LTE B4/NR B66:-0.97dBi<br>LTE B7/38/41/NR B7/38/41:-0.15dBi<br>LTE B12/13/17:-2.48dBi<br>LTE B42/43/48/NR B48/77/78:-0.43dBi<br>BT/WIFI 2.4G:-0.37dBi<br>WIFI 5G:-0.08dBi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Radiated Power (EIRP/ERP) Limit | GSM 850/WCDMA B5/LTE B5/NR n5:7.00W(38.45dBm)<br>PCS 1900/WCDMA B2/LTE B2:2.00W(33.01dBm)<br>WCDMA B4/LTE B4/B66/NR n66: 1.00W(30.00dBm)<br>LTE B7/B38/B41/NR n7/n38/n41: 2.00W(33.01dBm)<br>LTE B12/B13/B17/NR n12: 3.00W(34.77dBm)<br>LTE B42/B43/B48/NR n77/n78: 1.00W(30.00dBm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power Source:                   | Rechargeable Li-ion Polymer Battery :BL-54DX<br>Nominal Voltage: 3.92V<br>Rated Capacity:5430mAh/21.29Wh<br>Typical Capacity:5600mAh/21.96Wh<br>Limited Charge Voltage:4.53V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Note:For NFC evaluation, it is not necessary to test NFC because its power is very low

## 2 Testing laboratory

|            |                                                                                                                                                |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Site  | World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.                                                                       |
| Laboratory | Building A-B, Baoli'an Industrial Park, No.58 and 60, Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China |
| Tel:       | +86-755-26996192                                                                                                                               |
| Fax:       | +86-755-86376605                                                                                                                               |

## 3 ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025:2017.

|        |                                    |
|--------|------------------------------------|
| USA    | ANAB (Certificate Number: AT-3951) |
| China  | CNAS (Registration Number: L3732)  |
| Canada | ISED (CAB identifier: CN0178)      |

Copies of granted accreditation certificates are available for downloading from our web site, <http://www.wsct-cert.com>

## 4 Test Environment

|                            | Required   | Actual    |
|----------------------------|------------|-----------|
| Ambient temperature:       | 18 – 25 °C | 22 ± 2 °C |
| Tissue Simulating liquid:  | 22 ± 2 °C  | 22 ± 2 °C |
| Relative humidity content: | 30 – 70 %  | 30 – 70 % |

## 5 Applicant and Manufacturer

|                        |                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------|
| Applicant/Client Name: | INFINIX MOBILITY LIMITED                                                                |
| Applicant Address:     | FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG |
| Manufacturer Name:     | INFINIX MOBILITY LIMITED                                                                |
| Manufacturer Address:  | FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG |

## 6 Test standards:

| No. | Identity            | Document Title                                                                                                                                                        |
|-----|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | 47 CFR Part 2.1093  | Radiofrequency radiation exposure evaluation: portable devices                                                                                                        |
| 2   | IEC/IEEE 62209-1528 | Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate in the Human Head from Wireless Communications Devices: Measurement Techniques |
| 3   | KDB447498 D04       | Interim General RF Exposure Guidance v01                                                                                                                              |
| 4   | KDB865664 D01       | SAR measurement 100MHz to 6GHz v01r04                                                                                                                                 |
| 5   | KDB865664 D02       | RF Exposure Reporting v01r02                                                                                                                                          |
| 6   | KDB941225 D01       | 3G SAR Procedures v03r01                                                                                                                                              |
| 7   | KDB941225 D05       | SAR for LTE Devices v02r05                                                                                                                                            |
| 8   | KDB248227 D01       | 802.11 Wi-Fi SAR v02r02                                                                                                                                               |
| 9   | KDB941225 D06       | Hotspot Mode v02r01                                                                                                                                                   |
| 10  | KDB648474 D04       | Handset SAR v01r03                                                                                                                                                    |
| 11  | KDB690783 D01       | SAR Listings on Grant v01r03                                                                                                                                          |

## 6.1 RF exposure limits

| Human Exposure                                  | Uncontrolled Environment<br>General Population | Controlled Environment<br>Occupational |
|-------------------------------------------------|------------------------------------------------|----------------------------------------|
| Spatial Peak SAR*<br>(Brain/Body/Arms/Legs)     | 1.60 mW/g                                      | 8.00 mW/g                              |
| Spatial Average SAR**<br>(Whole Body)           | 0.08 mW/g                                      | 0.40 mW/g                              |
| Spatial Peak SAR***<br>(Heads/Feet/Ankle/Wrist) | 4.00 mW/g                                      | 20.00 mW/g                             |

The limit applied in this test report is shown in bold letters

### Notes:

\* The Spatial Peak value of the SAR averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.

\*\* The Spatial Average value of the SAR averaged over the whole body.

\*\*\* The Spatial Peak value of the SAR averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.

Uncontrolled Environments are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure.

Controlled Environments are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e. as a result of employment or occupation.

## 6.2 SAR Definition

Specific Absorption Rate is defined as the time derivative (rate) of the incremental energy (dW) absorbed by(dissipated in) an incremental mass (dm) contained in a volume element (dV) of a given density (ρ).

$$SAR = \frac{d}{dt} \left( \frac{dW}{dm} \right) = \frac{d}{dt} \left( \frac{dW}{\rho dV} \right)$$

SAR is expressed in units of watts per kilogram (W/kg). SAR can be related to the electric field at a point by

$$SAR = \frac{\sigma |E|^2}{\rho}$$

where:

σ = conductivity of the tissue (S/m)

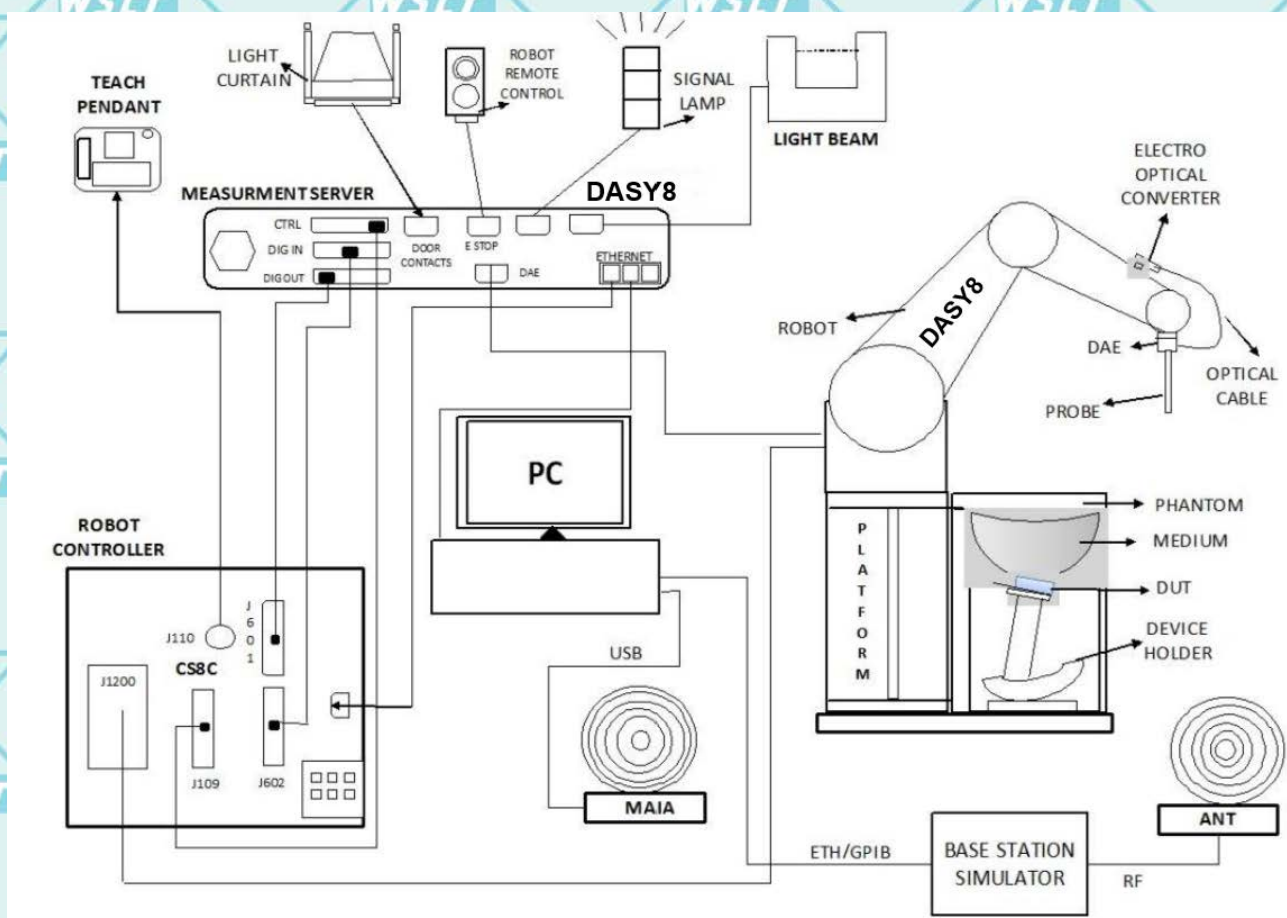
ρ = mass density of the tissue (kg/m<sup>3</sup>)

E = rms electric field strength (V/m)

## 7 SAR Measurement System

### 7.1 The Measurement System

DASY8 is a flexible, high-precision near-field scanner optimized for automated measurements in free-space and tissue simulating liquids (TSL), using the most advanced probes covering the frequency range from 3 kHz to 110 GHz. The software enables point, area, and volume measurements and conformal scanning of complex geometries.



The DASY8 SAR module consists of an isotropic dosimetric probe (SAR) mounted on the TX2 precision robot, which allows field scanning inside anthropomorphic phantoms filled with tissue-simulating liquids. The probes are miniaturized, sensitive, isotropic, linear, stable and calibrated with precise boundary compensation. The spatial accuracy of probe positioning within the phantom is better than 0.2 mm. Scanning is optimized and adaptive to the induced field. The spatial SAR peak is determined without reconstruction.

## 7.2 Robot

The DASY8 system uses the high-precision industrial robots TX2-60L and TX2-90XL from Stäubli SA (France). The TX2 family of robots provides the ideal combination of speed, rigidity, size, and precision:

- High precision (repeatability 0.03 mm)
- High reliability and low maintenance costs (industrial design)
- ELF interference (motor control fields are shielded by the closed metallic construction)
- Hygienic encapsulated 6-axis arm enabled by a hollow shaft gearbox, no external cables.



### 7.3 Probe

The SAR measurement is conducted with the dosimetric probe (manufactured by SPEAG). The probe is specially designed and calibrated for use in liquid with high permittivity. The dosimetric probe has special calibration in liquid at different frequency. This probe has a built in optical surface detection system to prevent from collision with phantom.

For the measurements the Specific Dosimetric E-Field Probe EX3DV4-SN:7951 with following specifications is used



Frequency: 4MHz – 10GHz ;

Linearity:  $\pm 0.2\text{dB}$  (30MHz – 10GHz)

Dynamic Range:  $10\mu\text{W/g}$  –  $100\text{ mW/g}$

Linearity:  $\pm 0.2\text{dB}$  (noise: typically  $<1\mu\text{W/g}$ )

Directivity (typical):  $\pm 0.1\text{ dB}$  in TSL (rotation around probe axis)  
 $\pm 0.3\text{ dB}$  in TSL (rotation normal to probe axis)

|                                               |            |
|-----------------------------------------------|------------|
| Sensor Arrangement                            | Triangular |
| Connector Angle                               | 46.9°      |
| Probe Overall Length                          | 337mm      |
| Probe Body Diameter                           | 10mm       |
| Tip Length                                    | 9mm        |
| Tip Diameter                                  | 2.5mm      |
| Probe Tip to Sensor X Calibration Point       | 1mm        |
| Probe Tip to Sensor Y Calibration Point       | 1mm        |
| Probe Tip to Sensor Z Calibration Point       | 1mm        |
| Recommended Measurement Distance from Surface | 1.4mm      |

## 7.4 DAE

### DAE4ip– Data Acquisition Electronics 4 with Integrated Power

Data Acquisition Electronics 4 with an integrated power supply for time unlimited measurements.

Performance:

- Measurement range: -100—+300 mV (16-bit resolution and two range settings: 4 mV, 400 mV)
- Input offset voltage: <5 $\mu$ V (with auto zero)
- Input resistance: 200M $\Omega$
- Input bias current: <50 fA
- Power supply: integrated (from the DASY8 measurement server)
- Dimensions (L  $\times$  W  $\times$  H): 60 $\times$ 60 $\times$ 68 mm
- Calibration: ISO/IEC 17025 calibration service available.



## 7.5 Phantom

The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (SAM) phantom defined in IEC/IEEE 62209-1528. It enables the dosimetric evaluation of left—and Right-hand phone usage as well as body-mounted usage at the flat phantom region. A cover prevents the liquid from evaporating. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by teaching three points with the robot.



|                                          |                                                                                                                                                                                                      |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Material</b>                          | Vinyl ester, fiberglass reinforced (VE-GF)                                                                                                                                                           |
| <b>Liquid Compatibility</b>              | The phantom shell is compatible with SPEAG's tissue-simulating liquids (sugar and oil-based). However, using other liquids may render the phantom warranty void (see note or consult SPEAG support). |
| <b>Shell Thickness</b>                   | $2 \pm 0.2\text{mm}$ ( $6 \pm 0.2\text{mm}$ at ear point)                                                                                                                                            |
| <b>Dimensions (incl. Wooden Support)</b> | Length: 1000 mm<br>Width: 500 mm<br>Height: adjustable feet                                                                                                                                          |
| <b>Filling Volume</b>                    | approx. 25 liters                                                                                                                                                                                    |
| <b>Support</b>                           | DASY6/8: standard-size platform slot<br>DASY52 stand-alone: SPEAG standard phantom table                                                                                                             |
| <b>Accessories</b>                       | Mounting Device and Adaptors                                                                                                                                                                         |

## 7.6 Device Holder

The DASY instrument holder is designed to accommodate the various positions specified in the standard. It has two scales for instrument rotation (with respect to the body axis) and instrument tilt (with respect to the line between the ear reference points). The center of rotation for both scales is the Ear Reference Point (ERP). This eliminates the need to reposition the instrument when changing angles.

The DASY instrument holder is made of low-loss POM material with the following dielectric parameters: relative permittivity  $\epsilon=3$  and loss tangent  $\delta=0.02$ . The amount of dielectric material in the immediate vicinity of the device was reduced because measurements indicated that the influence of the clamp on the test results could be reduced.



Device holder

The positioning system allows obtaining cheek and tilting position with a very good accuracy. In compliance with CENELEC, the tilt angle uncertainty is lower than 1°.

## 7.7 SAR Scan General Requirement

According to kdb865664 D01 v01r04:

Probe boundary effect error compensation is required for measurements with the probe tip closer than half a probe tip diameter to the phantom surface. Both the probe tip diameter and sensor offset distance must satisfy measurement protocols; to ensure probe boundary effect errors are minimized and the higher fields closest to the phantom surface can be correctly measured and extrapolated to the phantom surface for computing 1-g SAR. Tolerances of the post-processing algorithms must be verified by the test laboratory for the scan resolutions used in the SAR measurements, according to the reference distribution functions specified in IEEE Std 1528-2013. The area and zoom scan resolutions specified in the table below must be applied to the SAR measurements and fully documented in SAR reports, unless further guidance has been provided by the FCC.

|                                                                                                                                                                                                                                                                                                                                         |                                            |                                                                                  |                                                                                                                                                                                                                                                                        |                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                         |                                            |                                                                                  | $\leq 3\text{ GHz}$                                                                                                                                                                                                                                                    | $>3\text{ GHz}$                                                                                                                        |
| Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface                                                                                                                                                                                                                                  |                                            |                                                                                  | $5\text{ mm} \pm 1\text{ mm}$                                                                                                                                                                                                                                          | $\frac{1}{2} \delta \ln(2)\text{ mm} \pm 0.5\text{ mm}$                                                                                |
| Maximum probe angle from probe axis to phantom surface normal at the measurement location                                                                                                                                                                                                                                               |                                            |                                                                                  | $30^\circ \pm 1^\circ$                                                                                                                                                                                                                                                 | $20^\circ \pm 1^\circ$                                                                                                                 |
| Maximum area scan spatial resolution: $\Delta x$ Area , $\Delta y$ Area                                                                                                                                                                                                                                                                 |                                            |                                                                                  | $\leq 2\text{ GHz}: \leq 15\text{ mm}$<br>$2\text{-}3\text{ GHz}: \leq 12\text{ mm}$                                                                                                                                                                                   | $3\text{-}4\text{ GHz}: \leq 12\text{ mm}$<br>$4\text{-}6\text{ GHz}: \leq 10\text{ mm}$                                               |
|                                                                                                                                                                                                                                                                                                                                         |                                            |                                                                                  | When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be $\leq$ the corresponding x or y dimension of the test device with at least one measurement point on the test device. |                                                                                                                                        |
| Maximum zoom scan spatial resolution: $\Delta x_{\text{Zoom}}$ , $\Delta y_{\text{Zoom}}$                                                                                                                                                                                                                                               |                                            |                                                                                  | $\leq 2\text{ GHz}: \leq 8\text{ mm}$<br>$2\text{-}3\text{ GHz}: \leq 5\text{ mm}^*$                                                                                                                                                                                   | $3\text{-}4\text{ GHz}: \leq 5\text{ mm}^*$<br>$4\text{-}6\text{ GHz}: \leq 4\text{ mm}^*$                                             |
| Maximum zoom scan spatial resolution, normal to phantom surface                                                                                                                                                                                                                                                                         | uniform grid: $\Delta z_{\text{Zoom}}$ (n) |                                                                                  | $\leq 5\text{ mm}$                                                                                                                                                                                                                                                     | $3\text{-}4\text{ GHz}: \leq 4\text{ mm}$<br>$4\text{-}5\text{ GHz}: \leq 3\text{ mm}$<br>$5\text{-}6\text{ GHz}: \leq 2\text{ mm}$    |
|                                                                                                                                                                                                                                                                                                                                         | graded grid                                | $\Delta z_{\text{Zoom}}$ (1): between 1 st two points closest to phantom surface | $\leq 4\text{ mm}$                                                                                                                                                                                                                                                     | $3\text{-}4\text{ GHz}: \leq 3\text{ mm}$<br>$4\text{-}5\text{ GHz}: \leq 2.5\text{ mm}$<br>$5\text{-}6\text{ GHz}: \leq 2\text{ mm}$  |
|                                                                                                                                                                                                                                                                                                                                         |                                            | $\Delta z_{\text{Zoom}}$ (n>1): between subsequent points                        | $\leq 1.5 \cdot \Delta z_{\text{Zoom}}$ (n-1) mm                                                                                                                                                                                                                       |                                                                                                                                        |
| Minimum zoom scan volume                                                                                                                                                                                                                                                                                                                | x, y,z                                     |                                                                                  | $\geq 30\text{ mm}$                                                                                                                                                                                                                                                    | $3\text{-}4\text{ GHz}: \geq 28\text{ mm}$<br>$4\text{-}5\text{ GHz}: \geq 25\text{ mm}$<br>$5\text{-}6\text{ GHz}: \geq 22\text{ mm}$ |
| Note: $\delta$ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see IEEE Std 1528-2013 for details.                                                                                                                                                                                                   |                                            |                                                                                  |                                                                                                                                                                                                                                                                        |                                                                                                                                        |
| * When zoom scan is required and the reported SAR from the area scan based 1-g SAR estimation procedures of KDB Publication 447498 is $\leq 1.4\text{ W/kg}$ , $\leq 8\text{ mm}$ , $\leq 7\text{ mm}$ and $\leq 5\text{ mm}$ zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz. |                                            |                                                                                  |                                                                                                                                                                                                                                                                        |                                                                                                                                        |

## 7.8 Measurement procedure

### Power Drift :

All SAR tests were performed with a fully charged battery under the DUT and transmitting at maximum output power. The DASY measurement software uses the power reference measurement and power drift measurement procedures to monitor the power drift of the DUT during SAR testing. Both methods measure the field value at a specified reference position before and after the SAR test. The software calculates the field difference in dB. If the power drift exceeds 5%, the SAR is retested.

### Area scan:

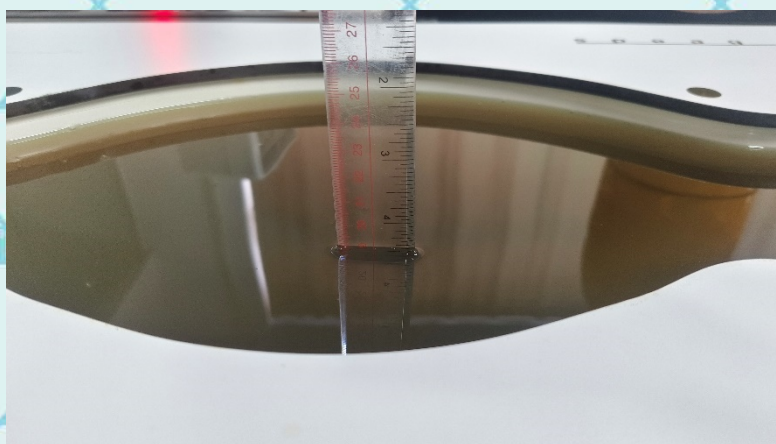
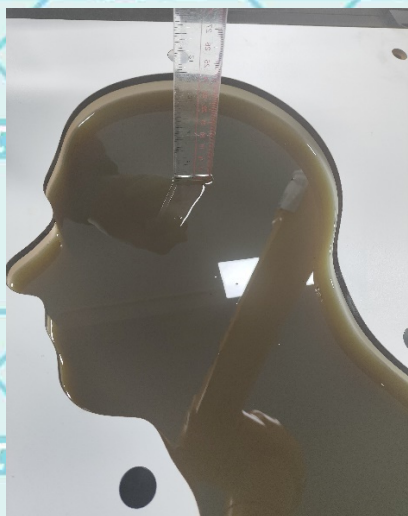
All antennas and radiating structures that may contribute to the measured SAR or influence the SAR distribution must be included in the area scan. The areas of the transmitter(s), antenna(s) and host device, when projected onto the phantom, must be within the area scan measurement region. The area scan measurement resolution must enable the extrapolation algorithms of the SAR system to correctly identify the peak SAR location(s) for subsequent zoom scan measurements to correctly determine the 1-g SAR. Area scans are performed at a constant distance from the phantom surface, determined by the measurement frequencies.

### Zoom Scan:

Except when area scan based 1-g SAR estimation applies, a zoom scan measurement is required at the highest peak SAR location determined in the area scan to determine the 1-g SAR. When the 1-g SAR of the highest peak is within 2 dB of the SAR limit, additional zoom scans are required for other peaks within 2 dB of the highest peak that have not been included in any zoom scan to ensure there is no increase in SAR. The zoom scan volume must be larger than the required minimum dimensions described 7.7. There must be at least one measurement point within the first 5 mm from the phantom surface for measurements  $\leq 3$  GHz, two measurement points for measurements  $\leq 5$  GHz and three measurement points for measurements above 5 GHz. When graded grids are used, which only applies in the direction normal to the phantom surface, the initial grid separation closest to the phantom surface and subsequent graded grid increment ratios must satisfy the required protocols in 7.7. The 1-g SAR averaging volume must be fully contained within the zoom scan measurement volume boundaries; otherwise, the measurement must be repeated by shifting or expanding the zoom scan volume. The similar requirements also apply to 10-g SAR measurements.

## 7.9 Tissue simulating liquids: dielectric properties

For SAR measurement of the field distribution inside the phantom, the phantom must be filled with homogeneous tissue simulating liquid to a depth of at least 15 cm. For head SAR testing, the liquid height from the ear reference point (ERP) of the phantom to the liquid top surface is larger than 15 cm. For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15 cm. The simulating liquids should be checked at the beginning of a series of SAR measurements to determine if the dielectric parameters are within the tolerances of the specified target values. The measured conductivity and relative permittivity should be within  $\pm 5\%$  of the target values.



Simulating Head Liquid for 5G(HBBL600-10000MHz V6), Manufactured by SPEAG:

| Ingredients | (% by weight) |
|-------------|---------------|
| Water       | 50-65%        |
| Mineral oil | 10-30%        |
| Emulsifiers | 8-25%         |
| Sodium salt | 0-1.5%        |

## 7.10 Tissue simulating liquids: parameters

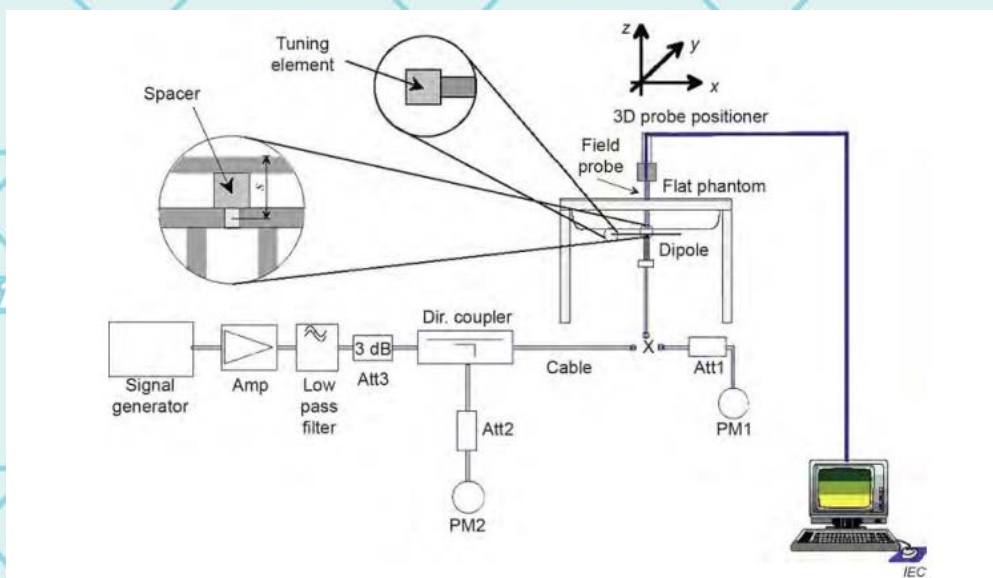
| Used Target Frequency                                         | Target Tissue            |                        | Measured Tissue |                | Liquid Temp. | Test Date  |
|---------------------------------------------------------------|--------------------------|------------------------|-----------------|----------------|--------------|------------|
|                                                               | $\epsilon_r$ (+/-5%)     | $\sigma$ (S/m) (+/-5%) | $\epsilon_r$    | $\sigma$ (S/m) |              |            |
| 750MHz Head                                                   | 41.90<br>(39.805~43.995) | 0.89<br>(0.85~0.93)    | 43.90           | 0.885          | 21.6°C       | 2026-04-13 |
| 835MHz Head                                                   | 41.50<br>(39.425~43.575) | 0.90<br>(0.86~0.95)    | 41.60           | 0.914          | 21.6°C       | 2026-04-15 |
| 1750MHz Head                                                  | 40.10<br>(38.10~42.10)   | 1.37<br>(1.31~1.43)    | 41.90           | 1.34           | 21.6°C       | 2026-04-17 |
| 1900MHz Head                                                  | 40.00<br>(38.00~42.00)   | 1.40<br>(1.33~1.47)    | 41.70           | 1.44           | 21.6°C       | 2026-04-18 |
| 2450MHz Head                                                  | 39.20<br>(37.24~41.16)   | 1.80<br>(1.71~1.89)    | 41.00           | 1.82           | 21.6°C       | 2026-04-20 |
| 2550MHz Head                                                  | 39.10<br>(37.15~41.05)   | 1.91<br>(1.82~2.01)    | 40.80           | 1.90           | 21.6°C       | 2026-04-22 |
| 2600MHz Head                                                  | 39.00<br>(37.05~40.95)   | 1.96<br>(1.86~2.05)    | 40.70           | 1.94           | 21.6°C       | 2026-04-23 |
| 3400MHz Head                                                  | 38.00<br>(36.10~39.90)   | 2.81<br>(2.67~2.95)    | 39.30           | 2.63           | 21.6°C       | 2026-04-25 |
| 3500MHz Head                                                  | 37.90<br>(36.01~39.79)   | 2.91<br>(2.77~3.05)    | 39.20           | 2.72           | 21.6°C       | 2026-04-27 |
| 3700MHz Head                                                  | 37.70<br>(35.82~39.58)   | 3.12<br>(2.97~3.27)    | 38.90           | 2.90           | 21.6°C       | 2026-04-28 |
| 3900MHz Head                                                  | 37.50<br>(35.63~39.37)   | 3.32<br>(2.97~3.27)    | 38.60           | 3.10           | 21.6°C       | 2026-04-29 |
| 5200MHz Head                                                  | 36.00<br>(34.20~37.80)   | 4.66<br>(4.43~4.89)    | 36.30           | 4.54           | 21.6°C       | 2026-04-30 |
| 5500MHz Head                                                  | 35.60<br>(33.82~37.38)   | 4.96<br>(4.71~5.20)    | 35.80           | 4.88           | 21.6°C       | 2026-05-01 |
| 5800MHz Head                                                  | 35.30<br>(33.54~37.06)   | 5.27<br>(5.01~5.53)    | 35.30           | 5.23           | 21.6°C       | 2026-05-02 |
| $\epsilon_r$ = Relative permittivity, $\sigma$ = Conductivity |                          |                        |                 |                |              |            |

## 8 System Check

### 8.1 System check procedure

The System check is performed by using a System check dipole which is positioned parallel to the planar part of the SAM phantom at the reference point. The distance of the dipole to the SAM phantom is determined by a spacer. The dipole is connected to the signal source consisting of signal generator and amplifier via a directional coupler, N-connector cable and adaption to SMA. It is fed with a power of 100 mW. To adjust this power a power meter is used. The power sensor is connected to the cable before the System check to measure the power at this point and do adjustments at the signal generator. At the outputs of the directional coupler both return loss as well as forward power are controlled during the validation to make sure that emitted power at the dipole is kept constant. This can also be checked by the power drift measurement after the test (result on plot).

System check results have to be equal or near the values determined during dipole calibration (target SAR in table above) with the relevant liquids and test system.



## 8.2 System check results

The system Check is performed for verifying the accuracy of the complete measurement system and performance of the software. The following table shows System check results for all frequency bands and tissue liquids used during the tests (plot(s) see annex A).

| System Check | Target SAR (1W) (+/-10%) |                        | Measured SAR (Normalized to 1W) |             | Liquid Temp. | Test Date  |
|--------------|--------------------------|------------------------|---------------------------------|-------------|--------------|------------|
|              | 1-g (W/kg)               | 10-g (W/kg)            | 1-g (W/kg)                      | 10-g (W/kg) |              |            |
| D750V3 Body  | 8.46<br>(7.62~9.30)      | 5.70<br>(5.13~6.27)    | 8.58                            | 5.70        | 21.6°C       | 2026-04-13 |
| D835V2 Body  | 9.68<br>(8.72~10.64)     | 6.44<br>(5.80~7.08)    | 9.94                            | 6.55        | 21.6°C       | 2026-04-15 |
| D1750V2 Body | 36.40<br>(32.76~40.04)   | 19.60<br>(17.64~21.56) | 36.20                           | 19.50       | 21.6°C       | 2026-04-17 |
| D1900V2 Body | 39.70<br>(35.73~43.67)   | 21.00<br>(18.90~23.10) | 40.40                           | 21.10       | 21.6°C       | 2026-04-18 |
| D2450V2 Body | 52.70<br>(47.16~57.64)   | 24.00<br>(21.60~26.40) | 53.60                           | 25.20       | 21.6°C       | 2026-04-20 |
| D2550V2 Body | 54.10<br>(48.69~59.51)   | 24.70<br>(22.23~27.17) | 55.80                           | 25.60       | 21.6°C       | 2026-04-22 |
| D2600V2 Body | 55.90<br>(49.77~60.83)   | 24.60<br>(22.14~27.06) | 55.90                           | 25.60       | 21.6°C       | 2026-04-23 |
| D3400V2 Body | 69.20<br>(62.28~76.12)   | 26.30<br>(23.67~28.93) | 72.50                           | 28.10       | 21.6°C       | 2026-04-25 |
| D3500V2 Body | 65.30<br>(58.77~71.83)   | 24.80<br>(22.32~27.28) | 62.80                           | 24.00       | 21.6°C       | 2026-04-27 |
| D3700V2 Body | 69.30<br>(62.37~76.23)   | 25.40<br>(22.86~27.94) | 63.70                           | 23.70       | 21.6°C       | 2026-04-28 |
| D3900V2 Body | 69.50<br>(62.55~76.45)   | 24.30<br>(21.87~26.73) | 67.40                           | 23.80       | 21.6°C       | 2026-04-29 |
| D5200V2 Body | 76.00<br>(68.40~83.60)   | 22.00<br>(19.80~24.20) | 71.70                           | 20.70       | 21.6°C       | 2026-04-30 |
| D5300V2 Body | 80.60<br>(72.54~88.66)   | 23.30<br>(20.97~25.63) | 80.80                           | 23.10       | 21.6°C       | 2026-04-30 |
| D5500V2 Body | 85.60<br>(77.04~94.16)   | 24.50<br>(22.05~26.95) | 79.00                           | 22.50       | 21.6°C       | 2026-05-01 |
| D5600V2 Body | 83.30<br>(74.97~91.63)   | 24.10<br>(21.69~26.51) | 78.70                           | 22.40       | 21.6°C       | 2026-05-01 |
| D5800V2 Body | 79.00<br>(71.10~86.90)   | 22.70<br>(20.43~24.97) | 77.60                           | 22.00       | 21.6°C       | 2026-05-02 |

Note: 1. All SAR values are normalized to 1W forward power.

2. The actual forward power output to the dipole antenna is 20dbm(100mw), so the measured value differs ten times from the table

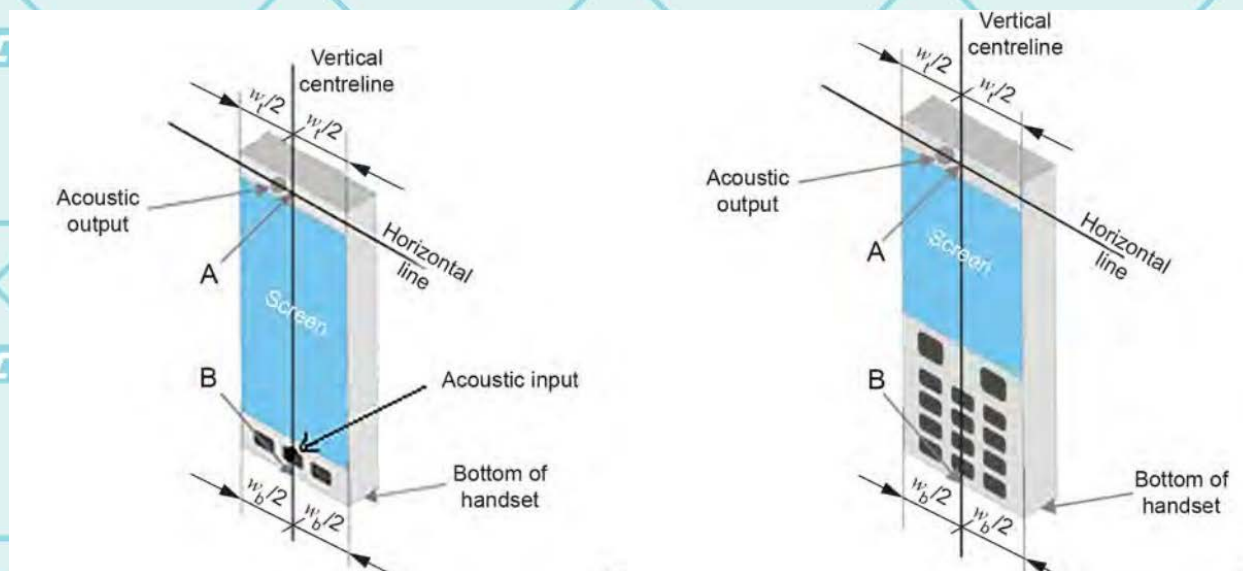
## 9 Test Position Configurations

### 9.1 Head Exposure Conditions

According to the IEEE-1528, the head phantom needs to test both "Cheek" and "Tilt" positions. Configure the DUT for voice operation, if necessary. For example, for a DUT with a flip, swivel, or slide cover piece, open the cover if this is consistent with voice operation. If the DUT can also be used with the cover closed, both configurations shall be tested.

Define two imaginary lines on the DUT, the vertical centreline and the horizontal line, relative to the DUT in vertical orientation as shown in Figure

The vertical centreline passes through two points on the front side of the DUT: the midpoint of the width  $w_t$  of the DUT at the level of the acoustic output (Point A in Figure), and the midpoint of the width  $w_b$  at the bottom of the DUT (Point B). The horizontal line is perpendicular to the vertical centerline, and passes through the centre of the acoustic output (Figure). The two lines intersect at Point A. Note that for many DUTs, Point A coincides with the centre of the acoustic output. However, the acoustic output could be located elsewhere on the horizontal line. Also note that the vertical centreline is not necessarily parallel to the front face of the DUT, especially for clamshell DUTs, DUTs with flip cover pieces, and other irregularly shaped DUTs.



Vertical and horizontal reference lines and reference points A and B on two example device types: a full touch-screen smart phone (left) and a DUT with a keypad (Right)

$w_t$  Width of the DUT at the level of the acoustic output

$w_b$  Width of the bottom of the DUT

A Midpoint of the width  $w_t$  of the DUT at the level of the acoustic output

B Midpoint of the width  $w_b$  of the bottom of the DUT

### Cheek position:

Position the DUT close to the surface of the phantom such that Point A is on the (virtual) extension of the line passing through points RE (Right-ear ear reference point) and LE (left-ear ear reference point) on the phantom. The plane determined by the vertical centreline and the horizontal line of the DUT shall be parallel to the sagittal plane of the phantom.



### Tilt position:

Place the DUT in the cheek position. While maintaining the orientation of the DUT, move the DUT away from the pinna along the line passing through RE and LE far enough to allow a rotation of the DUT away from the cheek by  $15^\circ$ . Rotate the DUT around the horizontal line by  $15^\circ$ .

While maintaining the orientation of the DUT, move the DUT towards the phantom on a line passing through RE and LE until any part of the DUT touches the ear. The tilt position is obtained when the contact is on the pinna. If the contact is at any location other than the pinna, e.g. an extended antenna in contact with the back of the head phantom, the angle of the DUT shall be reduced. In this case, the tilt position is obtained if any part of the DUT is in contact with the pinna and a second point on the DUT is in contact with the phantom, e.g. the antenna in contact with the back of the head.

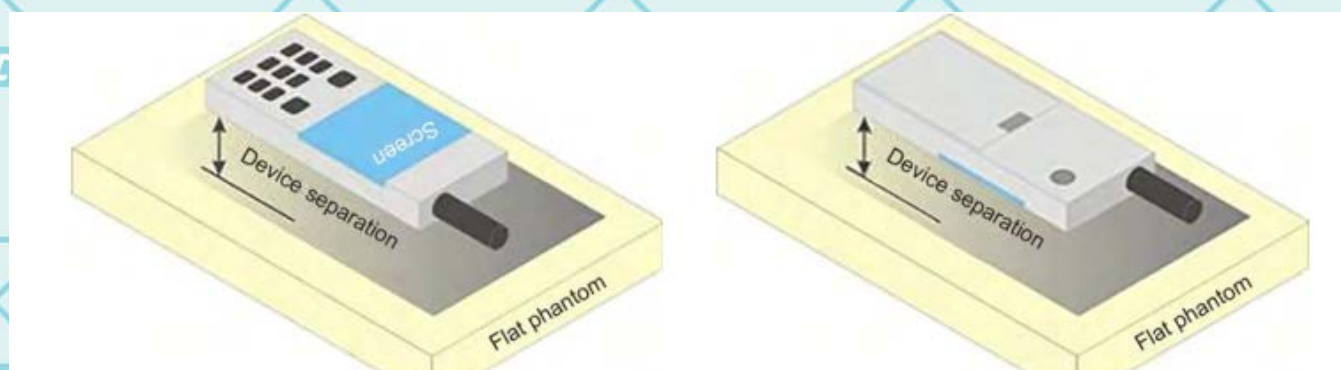


## 9.2 Body Exposure Condition

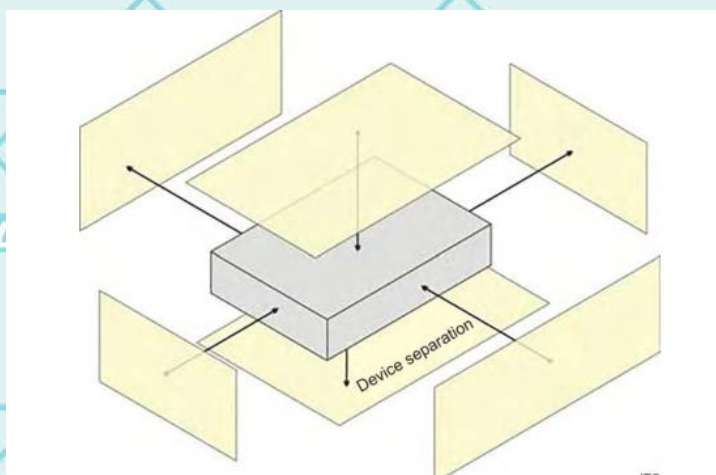
According to 447498 D04

Devices that support transmission while used with body-worn accessories must be tested for SAR compliance related to each body-worn condition of use. SAR evaluation is required for body-worn accessories supplied with the device they are attached to.

The general informing principle is that the selected test configurations must conservatively capture the various body-worn accessory use conditions expected by users. For instance, devices that are designed to operate on the body of users using lanyards and straps, or without requiring additional body-worn accessories, must be tested for SAR compliance using a conservative minimum test separation distance not to exceed 5 mm for all use conditions required by the device.



Test positions for body-worn devices



Possible test positions for a generic device

Testing of all six faces of the DUT (see Figure) might not be required; justification shall be provided when omitting testing of some faces.

## 10 SAR Test Configuration

### 10.1 GSM Test Configurations

SAR tests for GSM850 and GSM1900, a communication link is set up with a base station by air link. Using CMU200 the power level is set to “5” and “0” in SAR of GSM850 and GSM1900. The tests in the band of GSM 850 and GSM 1900 are performed in the mode of GPRS/EGPRS function. Since the GPRS class is 12 for this EUT, it has at most 4 timeslots in uplink and at most 4 timeslots in downlink, the maximum total timeslot is 5.

When SAR tests for EGPRS mode is necessary, GMSK modulation should be used to minimize SAR measurement error due to higher peak-to-average power (PAR) ratios inherent in 8-PSK.

### 10.2 UMTS Test Configuration

#### 1) Output Power Verification

Maximum output power is verified on the high, middle and low channels according to procedures described in section 5.2 of 3GPP TS 34.121, using the appropriate RMC or AMR with TPC (transmit power control) set to all “1”s for WCDMA/HSDPA or by applying the required inner loop power control procedures to maintain maximum output power while HSUPA is active. Results for all applicable physical channel configurations (DPCCH, DPDCHn and spreading codes, HSDPA, HSPA) are required in the SAR report. All configurations that are not supported by the Headset or cannot be measured due to technical or equipment limitations must be clearly identified.

#### 2) WCDMA

##### a. Head SAR Measurements

SAR for next to the ear head exposure is measured using a 12.2 kbps RMC with TPC bits configured to all “1”s. The 3G SAR test reduction procedure is applied to AMR configurations with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured for 12.2 kbps AMR in 3.4 kbps SRB (signaling radio bearer) using the highest reported SAR configuration in 12.2 kbps RMC for head exposure.

##### b. Body SAR Measurements

SAR for body-worn accessory configurations is measured using a 12.2 kbps RMC with TPC bits configured to all “1”s. The 3G SAR test reduction procedure is applied to other spreading codes and multiple DPDCHn configurations supported by the Headset with 12.2 kbps RMC as the primary mode

#### 3) HSDPA

SAR for body exposure configurations is measured according to the “Body SAR Measurements” procedures of 3G device. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is  $\leq \frac{1}{4}$  dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is  $\leq 1.2$  W/kg, SAR measurement is not required for the secondary mode. This is referred to as the 3G SAR test reduction procedure in the following SAR test guidance, where the primary mode is identified in

the applicable wireless mode test procedures and the secondary mode is wireless mode being considered for SAR test reduction by that procedure. When the 3G SAR test reduction procedure is not satisfied, it is identified as "otherwise" in the applicable procedures; SAR measurement is required for the secondary mode.

Per KDB941225 D01, the 3G SAR test reduction procedure is applied to HSDPA body configurations with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured for HSDPA using the HSDPA body SAR procedures for the highest reported SAR body exposure configuration in 12.2 kbps RMC. HSDPA should be configured according to UE category of a test device. The number of HS-DSCH/HS-PDSCHs, HARQ processes, minimum inter-TTI interval, transport block sizes and RV coding sequence are defined by the H-set. To maintain a consistent test configuration and stable transmission condition, QPSK is used in the H-set for SAR testing. HS-DPCCH should be configured with a CQI feedback cycle of 4ms with a CQI repetition factor of 2 to maintain a constant rate of active CQI slots. The  $\beta_c$  and  $\beta_d$  gain factors for DPCCH and DPDCH were set according to the values in the below table,  $\beta_{hs}$  for HS-DPCCH is set automatically to the correct value when  $\Delta ACK$ ,  $\Delta NACK$ ,  $\Delta CQI = 8$ . The variation of the  $\beta_c / \beta_d$  ratio causes a power reduction at sub-tests 2 - 4.

| Sub-test <sup>1</sup> | $\beta_c$ <sup>2</sup> | $\beta_d$ <sup>2</sup> | $\beta_d$ (SF) <sup>2</sup> | $\beta_c / \beta_d$ <sup>2</sup> | $\beta_{hs}$ (1) <sup>2</sup> | CM(dB)(2) <sup>2</sup> | MPR (dB) <sup>2</sup> |
|-----------------------|------------------------|------------------------|-----------------------------|----------------------------------|-------------------------------|------------------------|-----------------------|
| 1 <sup>2</sup>        | 2/15 <sup>2</sup>      | 15/15 <sup>2</sup>     | 64 <sup>2</sup>             | 2/15 <sup>2</sup>                | 4/15 <sup>2</sup>             | 0.0 <sup>2</sup>       | 0 <sup>2</sup>        |
| 2 <sup>2</sup>        | 12/15(3) <sup>2</sup>  | 15/15(3) <sup>2</sup>  | 64 <sup>2</sup>             | 12/15(3) <sup>2</sup>            | 24/15 <sup>2</sup>            | 1.0 <sup>2</sup>       | 0 <sup>2</sup>        |
| 3 <sup>2</sup>        | 15/15 <sup>2</sup>     | 8/15 <sup>2</sup>      | 64 <sup>2</sup>             | 15/8 <sup>2</sup>                | 30/15 <sup>2</sup>            | 1.5 <sup>2</sup>       | 0.5 <sup>2</sup>      |
| 4 <sup>2</sup>        | 15/15 <sup>2</sup>     | 4/15 <sup>2</sup>      | 64 <sup>2</sup>             | 15/4 <sup>2</sup>                | 30/15 <sup>2</sup>            | 1.5 <sup>2</sup>       | 0.5 <sup>2</sup>      |

Note 1:  $\Delta ACK$ ,  $\Delta NACK$  and  $\Delta CQI = 8$      $A_{hs} = \beta_{hs} / \beta_c = 30/15$      $\beta_{hs} = 30/15 * \beta_c$   
Note 2: CM=1 for  $\beta_c / \beta_d = 12/15$ ,  $\beta_{hs} / \beta_c = 24/15$ . For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.  
Note 3: For subtest 2 the  $\beta_c / \beta_d$  ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF0) to  $\beta_c = 11/15$  and  $\beta_d = 15/15$

The measurements were performed with a Fixed Reference Channel (FRC) and H-Set 1 QPSK.:

| Parameter                        | Value       |
|----------------------------------|-------------|
| Nominal average inf. bit rate    | 534 kbit/s  |
| Inter-TTI Distance               | 3 TTI's     |
| Number of HARQ Processes         | 2 Processes |
| Information Bit Payload          | 3202 Bits   |
| MAC-d PDU size                   | 336 Bits    |
| Number Code Blocks               | 1 Block     |
| Binary Channel Bits Per TTI      | 4800 Bits   |
| Total Available SMLs in UE       | 19200 SMLs  |
| Number of SMLs per HARQ Process  | 9600 SMLs   |
| Coding Rate                      | 0.67        |
| Number of Physical Channel Codes | 5           |

#### 4) HSUPA

SAR for body exposure configurations is measured according to the "Body SAR Measurements" procedures of 3G device. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is  $\leq \frac{1}{4}$  dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is  $\leq 1.2$  W/kg, SAR measurement is not required for the secondary mode.

Per KDB941225 D01v03, the 3G SAR test reduction procedure is applied to HSPA (HSUPA/HSDPA with RMC) body configurations with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured for HSPA using the HSPA body SAR procedures for the highest reported body exposure SAR configuration in 12.2 kbps RMC.

### 10.3 LTE Test Configuration

SAR for LTE band exposure configurations is measured according to the procedures of KDB 941225 D05 SAR for LTE Devices. The CMW500 WideBand Radio Communication Tester was used for LTE output power measurements and SAR testing. Closed loop power control was used so the UE transmits with maximum output power during SAR testing. SAR test were performed with the same number of RB and RB offsets transmitting on all TTI frames (Maximum TTI)

#### 1) Spectrum Plots for RB configurations

A properly configured base station simulator was used for LTE output power measurements and SAR testing. Therefore, spectrum plots for RB configurations were not required to be included in this report.

#### 2) MPR

When MPR is implemented permanently within the UE, regardless of network requirements, only those RB configurations allowed by 3GPP for the channel bandwidth and modulation combinations may be tested with MPR active. Configurations with RB allocations less than the RB thresholds required by 3GPP must be tested without MPR.

The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3-1 of the 3GPP TS36.101.

**Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 3**

| Modulation | Channel bandwidth / Transmission bandwidth (RB) |          |          |           |           |           | MPR (dB) |
|------------|-------------------------------------------------|----------|----------|-----------|-----------|-----------|----------|
|            | 1.4 MHz                                         | 3.0 MHz  | 5 MHz    | 10 MHz    | 15 MHz    | 20 MHz    |          |
| QPSK       | > 5                                             | > 4      | > 8      | > 12      | > 16      | > 18      | $\leq 1$ |
| 16 QAM     | $\leq 5$                                        | $\leq 4$ | $\leq 8$ | $\leq 12$ | $\leq 16$ | $\leq 18$ | $\leq 1$ |
| 64 QAM     | > 5                                             | > 4      | > 8      | > 12      | > 16      | > 18      | $\leq 2$ |

#### 3) A-MPR

A-MPR (Additional MPR) has been disabled for all SAR tests by using Network Signalling Value of "NS\_01" on the base station simulator.

#### 4) LTE procedures for SAR testing

##### A) Largest channel bandwidth standalone SAR test requirements

###### i) QPSK with 1 RB allocation

Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. When the reported SAR is  $\leq 0.8$  W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is  $> 1.45$  W/kg, SAR is required for all three RB offset configurations for that required test channel.

###### ii) QPSK with 50% RB allocation

The procedures required for 1 RB allocation in i) are applied to measure the SAR for QPSK with 50% RB allocation.

###### iii) QPSK with 100% RB allocation

For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation in i) and ii) are  $\leq 0.8$  W/kg. Otherwise, SAR is measured for the highest output power channel and if the reported SAR is  $> 1.45$  W/kg, the remaining required test channels must also be tested.

###### iv) Higher order modulations

For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in above sections to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is  $> \frac{1}{2}$  dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is  $> 1.45$  W/kg.

##### B) Other channel bandwidth standalone SAR test requirements

For the other channel bandwidths used by the device in a frequency band, apply all the procedures required for the largest channel bandwidth in section A) to determine the channels and RB configurations that need SAR testing and only measure SAR when the highest maximum output power of a configuration requiring testing in the smaller channel bandwidth is  $> \frac{1}{2}$  dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is  $> 1.45$  W/kg.

#### 5) TDD LTE test configuration

According to KDB 941225 D05 SAR for LTE Devices v02r04, for Time-Division Duplex (TDD) systems, SAR must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP LTE TDD configurations.

## 10.4 Wi-Fi Test Configuration

For the 802.11b/g SAR tests, a communication link is set up with the test mode software for Wi-Fi mode test. The Absolute Radio Frequency Channel Number (ARFCN) is allocated to 1, 6 and 11 respectively in the case of 2450 MHz. During the test, at the each test frequency channel, the EUT is operated at the RF continuous emission mode. Each channel should be tested at the lowest data rate. 802.11b/g operating modes are tested independently according to the service requirements in each frequency band. 802.11b/g modes are tested on channel 1, 6, 11; however, if output power reduction is necessary for channels 1 and/or 11 to meet restricted band requirements the highest output channel closest to each of these channels must be tested instead.

SAR is not required for 802.11g/n channels when the maximum average output power is less than 0.25dB higher than that measured on the corresponding 802.11b channels.

| Mode      | Band    | GHz  | Channel | “Default Test Channels” |         |
|-----------|---------|------|---------|-------------------------|---------|
|           |         |      |         | 802.11b                 | 802.11g |
| 802.11b/g | 2.4 GHz | 2412 | 1#      | √                       | △       |
|           |         | 2437 | 6       | √                       | △       |
|           |         | 2462 | 11#     | √                       | △       |

Notes:

√ = “default test channels”

△ = possible 802.11g channels with maximum average output  $\frac{1}{4}$  dB the “default test channels”

# = when output power is reduced for channel 1 and /or 11 to meet restricted band requirements the highest output channels closest to each of these channels should be tested.

802.11 Test Channels per FCC Requirements

## 10.5 WiFi 2.4G SAR Test Procedures

Separate SAR procedures are applied to DSSS and OFDM configurations in the 2.4 GHz band to simplify DSSS test requirements. For 802.11b DSSS SAR measurements, DSSS SAR procedure applies to fixed exposure test position and initial test position procedure applies to multiple exposure test positions.

### A) 802.11b DSSS SAR Test Requirements

SAR is measured for 2.4 GHz 802.11b DSSS using either a fixed test position or, when applicable, the initial test position procedure. SAR test reduction is determined according to the following:

- 1) When the reported SAR of the highest measured maximum output power channel (section 3.1 of of KDB 248227D01v02) for the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration.
- 2) When the reported SAR is  $> 0.8$  W/kg, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is  $> 1.2$  W/kg, SAR is required for the third channel; i.e., all channels require testing.

**B) 2.4GHz 802.11g/n OFDM SAR Test Exclusion Requirements**

When SAR measurement is required for 2.4 GHz 802.11g/n OFDM configurations, the measurement and test reduction procedures for OFDM are applied (section 5.3 of of KDB 248227D01v02r01). SAR is not required for the following 2.4 GHz OFDM conditions.

- 1) When KDB Publication 447498 SAR test exclusion applies to the OFDM configuration.
- 2) When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is  $\leq 1.2$  W/kg.

**C) SAR Test Requirements for OFDM configurations**

When SAR measurement is required for 802.11 g/n OFDM configurations, each standalone and frequency aggregated band is considered separately for SAR test reduction. In applying the initial test configuration and subsequent test configuration procedures, the 802.11 transmission configuration with the highest specified maximum output power and the channel within a test configuration with the highest measured maximum output power should be clearly distinguished to apply the procedures.

## 11 Detailed Test Results

### 11.1 Conducted Power measurements

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

#### 11.1.1 Conducted Power of GSM

| Mode: GSM850  |           | Maximum Tune-up(dBm) | Burst Average Power (dBm) |           |           | Division Factors | Frame-Average Power (dBm) |           |           |
|---------------|-----------|----------------------|---------------------------|-----------|-----------|------------------|---------------------------|-----------|-----------|
|               |           |                      | CH128                     | CH190     | CH251     |                  | CH128                     | CH190     | CH251     |
|               |           |                      | 824.2MHz                  | 836.6MHz  | 848.8MHz  |                  | 824.2MHz                  | 836.6MHz  | 848.8MHz  |
| GSM(CS)       |           | 35.00                | 34.43                     | 34.61     | 34.48     | -9.03            | 25.40                     | 25.58     | 25.45     |
| GPRS (GMSK)   | 1Tx slot  | 35.00                | 34.48                     | 34.53     | 34.54     | -9.03            | 25.45                     | 25.50     | 25.51     |
|               | 2Tx slots | 34.00                | 33.75                     | 33.97     | 33.76     | -6.02            | 27.73                     | 27.95     | 27.74     |
|               | 3Tx slots | 32.50                | 31.63                     | 32.07     | 31.63     | -4.26            | 27.37                     | 27.81     | 27.37     |
|               | 4Tx slots | 31.00                | 30.37                     | 30.85     | 30.31     | -3.01            | 27.36                     | 27.84     | 27.30     |
| EGPRS (8PSK)  | 1Tx slot  | 34.50                | 34.24                     | 34.23     | 34.28     | -9.03            | 25.21                     | 25.20     | 25.25     |
|               | 2Tx slots | 34.00                | 33.81                     | 33.25     | 33.28     | -6.02            | 27.79                     | 27.23     | 27.26     |
|               | 3Tx slots | 34.00                | 33.79                     | 33.07     | 33.08     | -4.26            | 29.53                     | 28.81     | 28.82     |
|               | 4Tx slots | 34.00                | 33.39                     | 33.72     | 33.94     | -3.01            | 30.38                     | 30.71     | 30.93     |
| Mode: GSM1900 |           | Maximum Tune-up(dBm) | Burst Average Power (dBm) |           |           | Division Factors | Frame-Average Power (dBm) |           |           |
|               |           |                      | CH512                     | CH661     | CH810     |                  | CH512                     | CH661     | CH810     |
|               |           |                      | 1850.2MHz                 | 1880.0MHz | 1909.8MHz |                  | 1850.2MHz                 | 1880.0MHz | 1909.8MHz |
| GSM(CS)       |           | 32.00                | 31.44                     | 31.55     | 31.54     | -9.03            | 22.41                     | 22.52     | 22.51     |
| GPRS (GMSK)   | 1Tx slot  | 32.00                | 31.42                     | 31.53     | 31.5      | -9.03            | 22.39                     | 22.50     | 22.47     |
|               | 2Tx slots | 31.00                | 30.68                     | 30.94     | 30.76     | -6.02            | 24.66                     | 24.92     | 24.74     |
|               | 3Tx slots | 29.00                | 28.47                     | 28.97     | 28.56     | -4.26            | 24.21                     | 24.71     | 24.30     |
|               | 4Tx slots | 28.00                | 27.25                     | 27.81     | 27.38     | -3.01            | 24.24                     | 24.80     | 24.37     |
| EGPRS (8PSK)  | 1Tx slot  | 28.00                | 27.65                     | 27.45     | 27.27     | -9.03            | 18.62                     | 18.42     | 18.24     |
|               | 2Tx slots | 27.50                | 27.32                     | 27.09     | 26.92     | -6.02            | 21.30                     | 21.07     | 20.90     |
|               | 3Tx slots | 26.50                | 26.5                      | 26.35     | 26.17     | -4.26            | 22.24                     | 22.09     | 21.91     |
|               | 4Tx slots | 26.00                | 25.68                     | 25.59     | 25.44     | -3.01            | 22.67                     | 22.58     | 22.43     |

Note:

Division Factors

To average the power, the division factor is as follows:

1Tx-slots = 1 transmit time slots out of 8 time slots=> conducted power divided by (8/1) => -9.03dB

2Tx-slots = 2 transmit time slots out of 8 time slots=> conducted power divided by (8/2) => -6.02dB

3Tx-slots = 3 transmit time slots out of 8 time slots=> conducted power divided by (8/3) => -4.26dB

4Tx-slots = 4 transmit time slots out of 8 time slots=> conducted power divided by (8/4) => -3.01dB

### 11.1.2 Conducted Power of WCDMA

| Mode      |           | Maximum Tune-up(dBm) | WCDMA Band 2          |        |        |
|-----------|-----------|----------------------|-----------------------|--------|--------|
|           |           |                      | Conducted Power (dBm) |        |        |
|           |           |                      | CH9262                | CH9400 | CH9538 |
|           |           |                      | 1852.4                | 1880.0 | 1907.6 |
| RMC 12.2K |           | 25.00                | 24.89                 | 24.66  | 24.65  |
| HSDPA     | Subtest-1 | 24.00                | 23.90                 | 22.77  | 21.42  |
|           | Subtest-2 | 24.00                | 20.56                 | 23.72  | 21.99  |
|           | Subtest-3 | 24.00                | 21.08                 | 20.71  | 23.67  |
|           | Subtest-4 | 22.00                | 21.98                 | 21.20  | 20.52  |
| HSUPA     | Subtest-1 | 22.00                | 21.88                 | 21.69  | 21.65  |
|           | Subtest-2 | 22.00                | 21.86                 | 21.69  | 21.64  |
|           | Subtest-3 | 23.00                | 21.87                 | 22.70  | 21.64  |
|           | Subtest-4 | 21.50                | 21.40                 | 21.24  | 21.16  |
|           | Subtest-5 | 23.00                | 22.86                 | 22.69  | 22.63  |
| Mode      |           | Maximum Tune-up(dBm) | WCDMA Band 4          |        |        |
|           |           |                      | Conducted Power (dBm) |        |        |
|           |           |                      | CH1312                | CH1413 | CH1513 |
|           |           |                      | 1712.4                | 1732.6 | 1752.6 |
| RMC 12.2K |           | 25.00                | 24.73                 | 24.76  | 24.66  |
| HSDPA     | Subtest-1 | 24.00                | 23.81                 | 21.19  | 21.74  |
|           | Subtest-2 | 24.00                | 21.39                 | 23.81  | 21.36  |
|           | Subtest-3 | 24.00                | 21.75                 | 21.29  | 23.73  |
|           | Subtest-4 | 21.50                | 20.59                 | 19.88  | 21.16  |
| HSUPA     | Subtest-1 | 22.00                | 21.76                 | 21.79  | 21.73  |
|           | Subtest-2 | 22.00                | 21.76                 | 21.80  | 21.71  |
|           | Subtest-3 | 23.00                | 22.79                 | 22.84  | 22.74  |
|           | Subtest-4 | 21.50                | 21.34                 | 21.35  | 21.26  |
|           | Subtest-5 | 23.00                | 22.79                 | 22.79  | 22.72  |
| Mode      |           | Maximum Tune-up(dBm) | WCDMA Band 5          |        |        |
|           |           |                      | Conducted Power (dBm) |        |        |
|           |           |                      | CH4132                | CH4183 | CH4233 |
|           |           |                      | 826.4                 | 836.6  | 846.6  |
| RMC 12.2K |           | 23.50                | 22.45                 | 22.59  | 23.19  |
| HSDPA     | Subtest-1 | 23.50                | 22.13                 | 23.12  | 23.34  |
|           | Subtest-2 | 24.50                | 22.21                 | 22.79  | 24.18  |
|           | Subtest-3 | 23.50                | 22.34                 | 23.17  | 23.14  |
|           | Subtest-4 | 23.50                | 23.49                 | 22.40  | 22.25  |
| HSUPA     | Subtest-1 | 24.50                | 24.46                 | 23.07  | 22.30  |
|           | Subtest-2 | 24.00                | 23.02                 | 23.81  | 22.54  |
|           | Subtest-3 | 24.00                | 22.54                 | 23.81  | 23.62  |
|           | Subtest-4 | 24.00                | 23.82                 | 23.56  | 23.11  |
|           | Subtest-5 | 24.00                | 23.93                 | 22.50  | 22.88  |

Per KDB 941225 D01, when the maximum output power and tune-up tolerance specified for production units in a secondary mode is  $\leq 1/2$ dB higher than the primary mode (RMC12.2kbps) or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is  $\leq 1.2$  W/kg, SAR measurement is not required for the secondary mode.

### 11.1.3 Conducted Power of LTE Band 2

| LTE-FDD Band 2 |            |               |           |                      | Conducted Power(dBm) |           |           |
|----------------|------------|---------------|-----------|----------------------|----------------------|-----------|-----------|
| Bandwidth      | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 18607                | 18900     | 19193     |
| 1.4MHz         | QPSK       | 1             | 0         | 23.00                | 22.56                | 22.44     | 22.46     |
|                |            |               | 2         | 23.00                | 22.58                | 22.45     | 22.47     |
|                |            |               | 5         | 23.00                | 22.61                | 22.43     | 22.46     |
|                |            | 3             | 0         | 23.00                | 22.57                | 22.34     | 22.49     |
|                |            |               | 2         | 23.00                | 22.56                | 22.35     | 22.48     |
|                |            |               | 3         | 23.00                | 22.57                | 22.37     | 22.48     |
|                | 16QAM      | 6             | 0         | 22.00                | 21.60                | 21.38     | 21.53     |
|                |            |               | 0         | 22.00                | 21.51                | 21.61     | 21.73     |
|                |            |               | 2         | 22.00                | 21.49                | 21.55     | 21.69     |
|                |            | 3             | 5         | 22.00                | 21.52                | 21.61     | 21.74     |
|                |            |               | 0         | 22.00                | 21.69                | 21.59     | 21.71     |
|                |            |               | 2         | 22.00                | 21.67                | 21.56     | 21.72     |
| 3MHz           | QPSK       | 1             | 3         | 22.00                | 21.73                | 21.55     | 21.72     |
|                |            |               | 0         | 21.00                | 20.74                | 20.56     | 20.70     |
|                |            | 8             | 0         | 23.00                | 22.58                | 22.40     | 22.55     |
|                |            |               | 7         | 23.00                | 22.60                | 22.38     | 22.53     |
|                |            |               | 14        | 23.00                | 22.54                | 22.38     | 22.57     |
|                |            | 15            | 0         | 22.00                | 21.59                | 21.43     | 21.57     |
|                |            |               | 4         | 22.00                | 21.58                | 21.41     | 21.53     |
|                |            |               | 7         | 22.00                | 21.56                | 21.43     | 21.54     |
|                | 16QAM      | 1             | 0         | 22.00                | 21.58                | 21.42     | 21.56     |
|                |            |               | 0         | 22.00                | 21.98                | 21.64     | 21.48     |
|                |            |               | 7         | 22.50                | 22.01                | 21.65     | 21.45     |
|                |            | 8             | 14        | 22.00                | 21.98                | 21.66     | 21.49     |
|                |            |               | 0         | 21.00                | 20.64                | 20.45     | 20.61     |
|                |            |               | 4         | 21.00                | 20.60                | 20.44     | 20.57     |
|                |            | 15            | 7         | 21.00                | 20.61                | 20.45     | 20.56     |
|                |            |               | 0         | 21.00                | 20.63                | 20.40     | 20.66     |
| 5MHz           | QPSK       | 1             | 0         | 23.00                | 18625                | 18900     | 19175     |
|                |            |               | 13        | 23.00                | 1852.5MHz            | 1880.0MHz | 1907.5MHz |
|                |            |               | 24        | 23.00                | 22.70                | 22.51     | 22.54     |
|                |            | 12            | 0         | 22.00                | 22.73                | 22.44     | 22.50     |
|                |            |               | 6         | 22.00                | 22.72                | 22.51     | 22.47     |
|                |            |               | 13        | 22.00                | 21.63                | 21.45     | 21.57     |
|                |            | 25            | 6         | 22.00                | 21.62                | 21.43     | 21.55     |
|                |            |               | 13        | 22.00                | 21.62                | 21.41     | 21.55     |
|                |            |               | 0         | 22.00                | 21.65                | 21.46     | 21.58     |
|                | 16QAM      | 1             | 0         | 22.50                | 21.65                | 21.46     | 21.58     |
|                |            |               | 13        | 22.50                | 22.09                | 21.89     | 21.83     |
|                |            |               | 24        | 22.50                | 22.12                | 21.90     | 21.92     |
|                |            | 12            | 0         | 22.50                | 22.13                | 21.87     | 21.82     |
|                |            |               | 6         | 21.00                | 20.65                | 20.42     | 20.61     |
|                |            |               | 13        | 21.00                | 20.64                | 20.39     | 20.61     |
|                |            | 25            | 0         | 21.00                | 20.61                | 20.39     | 20.61     |
|                |            |               | 13        | 21.00                | 20.61                | 20.39     | 20.61     |
|                |            |               | 0         | 21.00                | 20.57                | 20.49     | 20.58     |

| LTE-FDD Band 2 |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |                    |                    |
|----------------|------------|------------------|--------------|-----------------------------|----------------------|--------------------|--------------------|
| Bandwidth      | Modulation | RB<br>allocation | RB<br>offset |                             | 18650<br>1855.0MHz   | 18900<br>1880.0MHz | 19150<br>1905.0MHz |
| 10MHz          | QPSK       | 1                | 0            | 23.00                       | 22.61                | 22.47              | 22.65              |
|                |            |                  | 25           | 23.00                       | 22.57                | 22.41              | 22.56              |
|                |            |                  | 49           | 23.00                       | 22.58                | 22.42              | 22.55              |
|                |            | 25               | 0            | 22.00                       | 21.61                | 21.43              | 21.54              |
|                |            |                  | 13           | 22.00                       | 21.61                | 21.42              | 21.54              |
|                |            |                  | 25           | 22.00                       | 21.61                | 21.41              | 21.52              |
|                | 16QAM      | 50               | 0            | 22.00                       | 21.61                | 21.44              | 21.51              |
|                |            |                  | 0            | 22.50                       | 22.03                | 21.66              | 21.54              |
|                |            |                  | 25           | 22.00                       | 21.98                | 21.63              | 21.42              |
|                |            | 1                | 49           | 22.50                       | 22.01                | 21.63              | 21.50              |
|                |            |                  | 0            | 21.00                       | 20.63                | 20.42              | 20.53              |
|                |            |                  | 13           | 21.00                       | 20.62                | 20.42              | 20.53              |
| 15MHz          | QPSK       | 25               | 25           | 21.00                       | 20.62                | 20.41              | 20.53              |
|                |            |                  | 0            | 21.00                       | 20.60                | 20.47              | 20.50              |
|                |            |                  | 0            | 21.00                       | 20.60                | 20.47              | 20.50              |
|                | 16QAM      | 36               | 0            | 23.00                       | 22.76                | 22.59              | 22.79              |
|                |            |                  | 38           | 23.00                       | 22.68                | 22.50              | 22.70              |
|                |            |                  | 74           | 23.00                       | 22.66                | 22.53              | 22.72              |
|                | 16QAM      | 75               | 0            | 22.00                       | 21.57                | 21.45              | 21.58              |
|                |            |                  | 18           | 22.00                       | 21.58                | 21.41              | 21.54              |
|                |            |                  | 39           | 22.00                       | 21.58                | 21.39              | 21.54              |
| 20MHz          | QPSK       | 100              | 0            | 22.00                       | 21.62                | 21.43              | 21.55              |
|                |            |                  | 0            | 22.50                       | 22.08                | 21.74              | 21.73              |
|                |            |                  | 38           | 22.50                       | 22.01                | 21.63              | 21.66              |
|                | 16QAM      | 36               | 74           | 22.50                       | 22.03                | 21.67              | 21.64              |
|                |            |                  | 0            | 21.00                       | 20.63                | 20.54              | 20.56              |
|                |            |                  | 18           | 21.00                       | 20.63                | 20.51              | 20.54              |
| 20MHz          | QPSK       | 50               | 39           | 21.00                       | 20.62                | 20.50              | 20.54              |
|                |            |                  | 0            | 21.00                       | 20.59                | 20.43              | 20.60              |
|                |            |                  | 0            | 21.00                       | 20.59                | 20.43              | 20.60              |
|                | 16QAM      | 100              | 0            | 23.00                       | 22.74                | 22.69              | 22.66              |
|                |            |                  | 50           | 23.00                       | 22.66                | 22.57              | 22.64              |
|                |            |                  | 99           | 23.00                       | 22.65                | 22.65              | 22.57              |
| 20MHz          | QPSK       | 50               | 0            | 22.00                       | 21.66                | 21.51              | 21.63              |
|                |            |                  | 25           | 22.00                       | 21.63                | 21.46              | 21.56              |
|                |            |                  | 50           | 22.00                       | 21.65                | 21.44              | 21.57              |
|                | 16QAM      | 100              | 0            | 22.00                       | 21.65                | 21.45              | 21.59              |
|                |            |                  | 0            | 22.50                       | 22.12                | 21.84              | 21.91              |
|                |            |                  | 50           | 22.50                       | 22.01                | 21.70              | 21.91              |
| 20MHz          | QPSK       | 1                | 99           | 22.00                       | 22.00                | 21.77              | 21.88              |
|                |            |                  | 0            | 21.00                       | 20.71                | 20.51              | 20.68              |
|                |            |                  | 25           | 21.00                       | 20.70                | 20.47              | 20.62              |
|                | 16QAM      | 50               | 50           | 21.00                       | 20.69                | 20.42              | 20.62              |
|                |            |                  | 0            | 21.00                       | 20.66                | 20.47              | 20.63              |
|                |            |                  | 0            | 21.00                       | 20.66                | 20.47              | 20.63              |

### 11.1.4 Conducted Power of LTE Band 4

| LTE-FDD Band 4 |            |               |           |                      | Conducted Power(dBm) |                    |                    |
|----------------|------------|---------------|-----------|----------------------|----------------------|--------------------|--------------------|
| Bandwidth      | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 19957<br>1710.7MHz   | 20175<br>1732.5MHz | 20393<br>1754.3MHz |
| 1.4MHz         | QPSK       | 1             | 0         | 23.00                | 22.64                | 22.71              | 22.57              |
|                |            |               | 2         | 23.00                | 22.67                | 22.72              | 22.63              |
|                |            |               | 5         | 23.00                | 22.64                | 22.71              | 22.61              |
|                |            | 3             | 0         | 23.00                | 22.63                | 22.57              | 22.62              |
|                |            |               | 2         | 23.00                | 22.62                | 22.57              | 22.64              |
|                |            |               | 3         | 23.00                | 22.61                | 22.59              | 22.62              |
|                | 16QAM      | 6             | 0         | 22.00                | 21.63                | 21.62              | 21.64              |
|                |            |               | 0         | 22.00                | 21.59                | 21.85              | 21.83              |
|                |            |               | 2         | 22.00                | 21.55                | 21.78              | 21.83              |
|                |            | 3             | 5         | 22.00                | 21.58                | 21.84              | 21.86              |
|                |            |               | 0         | 22.00                | 21.77                | 21.79              | 21.83              |
|                |            |               | 2         | 22.00                | 21.76                | 21.77              | 21.86              |
| 3MHz           | QPSK       | 1             | 3         | 22.00                | 21.77                | 21.78              | 21.87              |
|                |            |               | 6         | 21.00                | 20.82                | 20.79              | 20.79              |
|                |            | 8             | 0         | 23.00                | 22.64                | 22.63              | 22.55              |
|                |            |               | 7         | 23.00                | 22.67                | 22.62              | 22.59              |
|                |            |               | 14        | 23.00                | 22.68                | 22.60              | 22.60              |
|                |            | 15            | 0         | 22.00                | 21.63                | 21.64              | 21.64              |
|                |            |               | 4         | 22.00                | 21.62                | 21.63              | 21.66              |
|                |            |               | 7         | 22.00                | 21.64                | 21.67              | 21.68              |
|                | 16QAM      | 1             | 0         | 22.00                | 21.66                | 21.66              | 21.64              |
|                |            |               | 0         | 22.50                | 21.60                | 22.07              | 21.80              |
|                |            |               | 7         | 22.50                | 21.57                | 22.10              | 21.82              |
|                |            | 8             | 14        | 22.50                | 21.54                | 22.08              | 21.88              |
|                |            |               | 0         | 21.00                | 20.63                | 20.66              | 20.68              |
|                |            |               | 4         | 21.00                | 20.61                | 20.67              | 20.69              |
|                |            | 15            | 7         | 21.00                | 20.61                | 20.71              | 20.71              |
|                |            |               | 0         | 21.00                | 20.71                | 20.72              | 20.60              |
|                |            |               | 0         | 21.00                | 20.71                | 20.72              | 20.60              |
| 5MHz           | QPSK       | 1             | 0         | 23.00                | 22.81                | 22.72              | 22.64              |
|                |            |               | 13        | 23.00                | 22.76                | 22.75              | 22.59              |
|                |            |               | 24        | 23.00                | 22.70                | 22.73              | 22.67              |
|                |            | 12            | 0         | 22.00                | 21.65                | 21.66              | 21.64              |
|                |            |               | 6         | 22.00                | 21.64                | 21.66              | 21.65              |
|                |            |               | 13        | 22.00                | 21.61                | 21.68              | 21.68              |
|                |            | 25            | 0         | 22.00                | 21.71                | 21.72              | 21.69              |
|                |            |               | 0         | 22.50                | 22.18                | 22.05              | 21.94              |
|                |            |               | 13        | 22.50                | 22.16                | 22.14              | 21.96              |
|                | 16QAM      | 1             | 24        | 22.50                | 22.13                | 22.19              | 22.00              |
|                |            |               | 0         | 21.00                | 20.66                | 20.65              | 20.69              |
|                |            |               | 6         | 21.00                | 20.66                | 20.64              | 20.69              |
|                |            | 12            | 13        | 21.00                | 20.61                | 20.67              | 20.74              |
|                |            |               | 0         | 21.00                | 20.63                | 20.76              | 20.66              |
|                |            |               | 0         | 21.00                | 20.63                | 20.76              | 20.66              |
|                |            | 25            | 0         | 21.00                | 20.63                | 20.76              | 20.66              |
|                |            |               | 0         | 21.00                | 20.63                | 20.76              | 20.66              |
|                |            |               | 0         | 21.00                | 20.63                | 20.76              | 20.66              |

| LTE-FDD Band 4 |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |                    |                    |
|----------------|------------|------------------|--------------|-----------------------------|----------------------|--------------------|--------------------|
| Bandwidth      | Modulation | RB<br>allocation | RB<br>offset |                             | 20000<br>1715.0MHz   | 20175<br>1732.5MHz | 20350<br>1750.0MHz |
| 10MHz          | QPSK       | 1                | 0            | 23.00                       | 22.71                | 22.65              | 22.70              |
|                |            |                  | 25           | 23.00                       | 22.62                | 22.66              | 22.56              |
|                |            |                  | 49           | 23.00                       | 22.64                | 22.62              | 22.65              |
|                |            | 25               | 0            | 22.00                       | 21.63                | 21.64              | 21.64              |
|                |            |                  | 13           | 22.00                       | 21.59                | 21.66              | 21.62              |
|                |            |                  | 25           | 22.00                       | 21.57                | 21.67              | 21.62              |
|                | 16QAM      | 50               | 0            | 22.00                       | 21.58                | 21.66              | 21.62              |
|                |            |                  | 0            | 22.50                       | 21.65                | 22.09              | 21.88              |
|                |            |                  | 25           | 22.50                       | 21.50                | 22.12              | 21.78              |
|                |            | 1                | 49           | 22.50                       | 21.48                | 22.10              | 21.85              |
|                |            |                  | 0            | 21.00                       | 20.60                | 20.66              | 20.63              |
|                |            |                  | 13           | 21.00                       | 20.57                | 20.68              | 20.61              |
| 15MHz          | QPSK       | 25               | 25           | 21.00                       | 20.55                | 20.70              | 20.61              |
|                |            |                  | 0            | 21.00                       | 20.55                | 20.68              | 20.63              |
|                |            |                  | 0            | 21.00                       | 20.55                | 20.68              | 20.63              |
|                |            | 36               | 0            | 23.00                       | 22.73                | 22.64              | 22.80              |
|                |            |                  | 38           | 23.00                       | 22.57                | 22.68              | 22.71              |
|                |            |                  | 74           | 23.00                       | 22.58                | 22.55              | 22.78              |
|                | 16QAM      | 75               | 0            | 22.00                       | 21.54                | 21.63              | 21.67              |
|                |            |                  | 18           | 22.00                       | 21.52                | 21.63              | 21.64              |
|                |            |                  | 39           | 22.00                       | 21.53                | 21.65              | 21.57              |
|                |            | 1                | 0            | 22.00                       | 21.59                | 21.66              | 21.66              |
|                |            |                  | 0            | 22.50                       | 22.13                | 21.86              | 21.80              |
|                |            |                  | 38           | 22.00                       | 21.99                | 21.90              | 21.75              |
| 20MHz          | QPSK       | 75               | 74           | 22.00                       | 21.97                | 21.79              | 21.75              |
|                |            |                  | 0            | 21.00                       | 20.62                | 20.71              | 20.65              |
|                |            |                  | 18           | 21.00                       | 20.60                | 20.71              | 20.62              |
|                |            | 36               | 39           | 21.00                       | 20.58                | 20.73              | 20.59              |
|                |            |                  | 0            | 21.00                       | 20.59                | 20.64              | 20.68              |
|                |            |                  | 0            | 21.00                       | 20.59                | 20.64              | 20.68              |
|                | 16QAM      | 1                | 0            | 23.00                       | 22.74                | 22.65              | 22.78              |
|                |            |                  | 50           | 23.00                       | 22.56                | 22.73              | 22.67              |
|                |            |                  | 99           | 23.00                       | 22.65                | 22.69              | 22.61              |
|                |            | 50               | 0            | 22.00                       | 21.57                | 21.65              | 21.69              |
|                |            |                  | 25           | 22.00                       | 21.54                | 21.68              | 21.65              |
|                |            |                  | 50           | 22.00                       | 21.58                | 21.67              | 21.61              |
| 20MHz          | QPSK       | 100              | 0            | 22.00                       | 21.56                | 21.67              | 21.65              |
|                |            |                  | 0            | 22.50                       | 22.18                | 21.87              | 22.10              |
|                |            |                  | 50           | 22.00                       | 22.00                | 21.94              | 21.98              |
|                |            | 1                | 99           | 22.50                       | 22.10                | 21.87              | 21.94              |
|                |            |                  | 0            | 21.00                       | 20.62                | 20.64              | 20.76              |
|                |            |                  | 25           | 21.00                       | 20.61                | 20.68              | 20.70              |
| 20MHz          | 16QAM      | 50               | 50           | 21.00                       | 20.65                | 20.68              | 20.66              |
|                |            |                  | 0            | 21.00                       | 20.62                | 20.66              | 20.68              |
|                |            |                  | 0            | 21.00                       | 20.62                | 20.66              | 20.68              |
|                |            | 100              | 0            | 23.00                       | 22.74                | 22.65              | 22.78              |
|                |            |                  | 50           | 23.00                       | 22.56                | 22.73              | 22.67              |
|                |            |                  | 99           | 23.00                       | 22.65                | 22.69              | 22.61              |

### 11.1.5 Conducted Power of LTE Band 5

| LTE-FDD Band 5 |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |          |          |       |
|----------------|------------|------------------|--------------|-----------------------------|----------------------|----------|----------|-------|
| Bandwidth      | Modulation | RB<br>allocation | RB<br>offset |                             | 20407                | 20525    | 20643    |       |
|                |            |                  |              |                             | 824.7MHz             | 836.5MHz | 848.3MHz |       |
| 1.4MHz         | QPSK       | 1                | 0            | 24.50                       | 24.16                | 24.29    | 24.05    |       |
|                |            |                  | 2            | 24.50                       | 24.14                | 24.26    | 24.05    |       |
|                |            |                  | 5            | 24.50                       | 24.24                | 24.26    | 24.05    |       |
|                |            | 3                | 0            | 24.50                       | 24.21                | 24.26    | 24.05    |       |
|                |            |                  | 2            | 24.50                       | 24.22                | 24.29    | 24.09    |       |
|                |            |                  | 3            | 24.50                       | 24.23                | 24.30    | 24.07    |       |
|                | 16QAM      | 6                | 0            | 23.50                       | 23.17                | 23.31    | 23.06    |       |
|                |            |                  | 1            | 0                           | 23.50                | 23.13    | 23.47    | 23.33 |
|                |            |                  |              | 2                           | 23.50                | 23.12    | 23.39    | 23.31 |
|                |            | 3                |              | 5                           | 23.50                | 23.17    | 23.44    | 23.32 |
|                |            |                  | 3            | 0                           | 24.00                | 23.33    | 23.52    | 23.31 |
|                |            |                  |              | 2                           | 23.50                | 23.31    | 23.50    | 23.31 |
| 3              | 23.50      | 23.36            |              | 23.47                       | 23.27                |          |          |       |
| 6              | 0          | 22.50            | 22.36        | 22.46                       | 22.23                |          |          |       |
| Bandwidth      | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 20415                | 20525    | 20635    |       |
|                |            |                  |              |                             | 825.5MHz             | 836.5MHz | 847.5MHz |       |
| 3MHz           | QPSK       | 1                | 0            | 24.50                       | 24.23                | 24.32    | 24.19    |       |
|                |            |                  | 7            | 24.50                       | 24.29                | 24.31    | 24.17    |       |
|                |            |                  | 14           | 24.50                       | 24.28                | 24.24    | 24.14    |       |
|                |            | 8                | 0            | 23.50                       | 23.22                | 23.33    | 23.16    |       |
|                |            |                  | 4            | 23.50                       | 23.21                | 23.32    | 23.11    |       |
|                |            |                  | 7            | 23.50                       | 23.27                | 23.30    | 23.09    |       |
|                |            | 15               | 0            | 23.50                       | 23.23                | 23.33    | 23.15    |       |
|                |            |                  | 16QAM        | 0                           | 24.00                | 23.57    | 23.59    | 23.14 |
|                |            |                  |              | 1                           | 7                    | 24.00    | 23.71    | 23.58 |
|                | 14         | 24.00            |              |                             | 23.72                | 23.56    | 23.06    |       |
|                | 8          | 0                |              |                             | 22.50                | 22.27    | 22.38    | 22.19 |
|                |            | 4                |              | 22.50                       | 22.29                | 22.35    | 22.13    |       |
|                |            | 7                |              | 22.50                       | 22.31                | 22.35    | 22.11    |       |
|                | 15         | 0                | 22.50        | 22.31                       | 22.31                | 22.22    |          |       |

| LTE-FDD Band 5 |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |          |          |       |
|----------------|------------|------------------|--------------|-----------------------------|----------------------|----------|----------|-------|
| Bandwidth      | Modulation | RB<br>allocation | RB<br>offset |                             | 20425                | 20525    | 20625    |       |
|                |            |                  |              |                             | 826.5MHz             | 836.5MHz | 846.5MHz |       |
| 5MHz           | QPSK       | 1                | 0            | 24.50                       | 24.42                | 24.41    | 24.29    |       |
|                |            |                  | 13           | 24.50                       | 24.47                | 24.44    | 24.11    |       |
|                |            |                  | 24           | 25.00                       | 24.53                | 24.49    | 24.18    |       |
|                |            | 12               | 0            | 23.50                       | 23.29                | 23.38    | 23.25    |       |
|                |            |                  | 6            | 23.50                       | 23.33                | 23.35    | 23.16    |       |
|                |            |                  | 13           | 23.50                       | 23.34                | 23.34    | 23.11    |       |
|                | 16QAM      | 25               | 0            | 23.50                       | 23.36                | 23.40    | 23.22    |       |
|                |            | 1                | 0            | 24.00                       | 23.69                | 23.84    | 23.62    |       |
|                |            |                  | 13           | 24.00                       | 23.84                | 23.84    | 23.50    |       |
|                |            |                  | 24           | 24.00                       | 23.84                | 23.73    | 23.39    |       |
|                |            | 12               | 0            | 22.50                       | 22.26                | 22.38    | 22.29    |       |
|                |            |                  | 6            | 22.50                       | 22.33                | 22.33    | 22.22    |       |
| 13             | 22.50      |                  | 22.33        | 22.33                       | 22.18                |          |          |       |
| 25             | 0          | 22.50            | 22.31        | 22.42                       | 22.20                |          |          |       |
| Bandwidth      | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 20450                | 20525    | 20600    |       |
|                |            |                  |              |                             | 829.0MHz             | 836.5MHz | 844.0MHz |       |
| 10MHz          | QPSK       | 1                | 0            | 24.50                       | 24.31                | 24.46    | 24.39    |       |
|                |            |                  | 25           | 24.50                       | 24.37                | 24.34    | 24.32    |       |
|                |            |                  | 49           | 25.00                       | 24.51                | 24.31    | 24.21    |       |
|                |            | 25               | 0            | 23.50                       | 23.35                | 23.43    | 23.34    |       |
|                |            |                  | 13           | 23.50                       | 23.38                | 23.37    | 23.32    |       |
|                |            |                  | 25           | 23.50                       | 23.45                | 23.32    | 23.22    |       |
|                |            | 50               | 0            | 23.50                       | 23.41                | 23.41    | 23.28    |       |
|                |            | 16QAM            | 1            | 0                           | 24.00                | 23.64    | 23.65    | 23.33 |
|                |            |                  |              | 25                          | 24.00                | 23.77    | 23.52    | 23.28 |
|                | 49         |                  |              | 24.00                       | 23.87                | 23.47    | 23.14    |       |
|                | 25         |                  | 0            | 22.50                       | 22.36                | 22.43    | 22.33    |       |
|                |            |                  | 13           | 22.50                       | 22.38                | 22.39    | 22.29    |       |
|                |            |                  | 25           | 22.50                       | 22.45                | 22.34    | 22.21    |       |
|                | 50         |                  | 0            | 22.50                       | 22.39                | 22.41    | 22.25    |       |

### 11.1.6 Conducted Power of LTE Band 7

| LTE-FDD Band 7 |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |           |           |
|----------------|------------|------------------|--------------|-----------------------------|----------------------|-----------|-----------|
| Bandwidth      | Modulation | RB<br>allocation | RB<br>offset |                             | 20775                | 21100     | 21425     |
|                |            |                  |              |                             | 2502.5MHz            | 2535.0MHz | 2567.5MHz |
| 5MHz           | QPSK       | 1                | 0            | 22.50                       | 22.13                | 22.23     | 22.17     |
|                |            |                  | 13           | 22.50                       | 22.22                | 22.24     | 21.58     |
|                |            |                  | 24           | 22.50                       | 22.29                | 22.27     | 21.14     |
|                |            | 12               | 0            | 21.50                       | 21.07                | 21.16     | 21.22     |
|                |            |                  | 6            | 21.50                       | 21.07                | 21.13     | 21.18     |
|                |            |                  | 13           | 21.50                       | 21.10                | 21.14     | 21.18     |
|                | 16QAM      | 25               | 0            | 21.50                       | 21.13                | 21.17     | 21.24     |
|                |            |                  | 10           | 22.00                       | 21.42                | 21.53     | 21.72     |
|                |            |                  | 1            | 13                          | 22.00                | 21.52     | 21.48     |
|                |            | 12               | 24           | 22.00                       | 21.57                | 21.50     | 21.52     |
|                |            |                  | 0            | 20.50                       | 20.04                | 20.22     | 20.27     |
|                |            |                  | 6            | 20.50                       | 20.06                | 20.20     | 20.21     |
| 10MHz          | QPSK       | 1                | 13           | 20.50                       | 20.09                | 20.18     | 20.25     |
|                |            |                  | 25           | 20.50                       | 20.12                | 20.13     | 20.19     |
|                |            |                  | 0            | 22.50                       | 22.19                | 22.32     | 22.31     |
|                |            | 25               | 25           | 22.50                       | 22.19                | 22.20     | 21.89     |
|                |            |                  | 49           | 22.50                       | 22.22                | 22.28     | 21.04     |
|                |            |                  | 0            | 21.50                       | 21.14                | 21.19     | 21.19     |
|                | 16QAM      | 50               | 13           | 21.50                       | 21.14                | 21.17     | 21.21     |
|                |            |                  | 25           | 21.50                       | 21.18                | 21.16     | 21.18     |
|                |            |                  | 0            | 21.50                       | 21.16                | 21.18     | 21.19     |
|                |            | 1                | 0            | 21.50                       | 21.49                | 21.40     | 21.06     |
|                |            |                  | 25           | 22.00                       | 21.54                | 21.30     | 21.01     |
|                |            |                  | 49           | 22.00                       | 21.60                | 21.36     | 20.79     |
| 16QAM          | 25         | 0                | 20.50        | 20.16                       | 20.20                | 20.20     |           |
|                |            | 13               | 20.50        | 20.17                       | 20.17                | 20.20     |           |
|                | 50         | 25               | 20.50        | 20.19                       | 20.16                | 20.19     |           |
|                |            | 0                | 20.50        | 20.14                       | 20.19                | 20.16     |           |

| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 20825     | 21100     | 21375     |
|-----------|------------|---------------|-----------|----------------------|-----------|-----------|-----------|
|           |            |               |           |                      | 2057.5MHz | 2535.0MHz | 2562.5MHz |
| 15MHz     | QPSK       | 1             | 0         | 22.50                | 22.19     | 22.17     | 22.18     |
|           |            |               | 38        | 22.50                | 22.21     | 22.24     | 22.17     |
|           |            |               | 74        | 22.50                | 22.19     | 22.21     | 21.31     |
|           |            | 36            | 0         | 21.50                | 21.12     | 21.13     | 21.14     |
|           |            |               | 18        | 21.50                | 21.13     | 21.12     | 21.16     |
|           |            |               | 39        | 21.50                | 21.11     | 21.11     | 21.18     |
|           | 16QAM      | 75            | 0         | 21.50                | 21.15     | 21.13     | 21.14     |
|           |            |               | 0         | 22.00                | 21.56     | 21.63     | 21.34     |
|           |            |               | 38        | 22.00                | 21.57     | 21.61     | 21.35     |
|           |            | 1             | 74        | 22.00                | 21.56     | 21.60     | 21.39     |
|           |            |               | 0         | 20.50                | 20.18     | 20.20     | 20.22     |
|           |            |               | 18        | 20.50                | 20.19     | 20.20     | 20.25     |
| 20MHz     | QPSK       | 36            | 39        | 20.50                | 20.16     | 20.16     | 20.26     |
|           |            |               | 75        | 20.50                | 20.12     | 20.12     | 20.12     |
|           |            | 100           | 0         | 20.50                | 20.12     | 20.12     | 20.12     |
|           | 16QAM      | 1             | 0         | 22.50                | 22.19     | 22.31     | 22.20     |
|           |            |               | 50        | 22.50                | 22.24     | 22.29     | 22.17     |
|           |            |               | 99        | 22.50                | 22.24     | 22.26     | 21.19     |
|           | QPSK       | 50            | 0         | 21.50                | 21.18     | 21.21     | 21.17     |
|           |            |               | 25        | 21.50                | 21.15     | 21.17     | 21.15     |
|           |            |               | 50        | 21.50                | 21.14     | 21.17     | 21.18     |
|           | 16QAM      | 100           | 0         | 21.50                | 21.16     | 21.18     | 21.16     |
|           |            |               | 0         | 22.00                | 21.51     | 21.46     | 21.48     |
|           |            |               | 50        | 22.00                | 21.53     | 21.43     | 21.42     |
|           | QPSK       | 1             | 99        | 22.00                | 21.60     | 21.46     | 21.37     |
|           |            |               | 0         | 20.50                | 20.27     | 20.20     | 20.22     |
|           |            |               | 25        | 20.50                | 20.20     | 20.19     | 20.22     |
|           | 16QAM      | 50            | 50        | 20.50                | 20.23     | 20.18     | 20.23     |
|           |            |               | 100       | 20.50                | 20.17     | 20.18     | 20.16     |
|           |            |               | 0         | 20.50                | 20.17     | 20.18     | 20.16     |

### 11.1.7 Conducted Power of LTE Band 12

| LTE-FDD Band 12 |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |                   |                   |
|-----------------|------------|------------------|--------------|-----------------------------|----------------------|-------------------|-------------------|
| Bandwidth       | Modulation | RB<br>allocation | RB<br>offset |                             | 23017<br>699.7MHz    | 23095<br>707.5MHz | 23173<br>715.5MHz |
| 1.4MHz          | QPSK       | 1                | 0            | 24.50                       | 23.92                | 24.12             | 23.88             |
|                 |            |                  | 2            | 24.50                       | 23.96                | 24.10             | 23.87             |
|                 |            |                  | 5            | 24.50                       | 23.98                | 24.09             | 23.84             |
|                 |            | 3                | 0            | 24.50                       | 23.95                | 24.08             | 23.92             |
|                 |            |                  | 2            | 24.50                       | 23.99                | 24.08             | 23.95             |
|                 |            |                  | 3            | 24.50                       | 24.01                | 24.08             | 23.95             |
|                 |            | 6                | 0            | 23.50                       | 23.00                | 23.06             | 22.94             |
|                 | 16QAM      | 1                | 0            | 23.50                       | 23.20                | 23.06             | 23.04             |
|                 |            |                  | 2            | 23.50                       | 23.21                | 23.03             | 22.99             |
|                 |            |                  | 5            | 23.50                       | 23.28                | 23.05             | 23.00             |
|                 |            | 3                | 0            | 23.50                       | 23.23                | 23.22             | 23.14             |
|                 |            |                  | 2            | 23.50                       | 23.24                | 23.22             | 23.13             |
|                 |            |                  | 3            | 23.50                       | 23.25                | 23.20             | 23.12             |
| 3MHz            | QPSK       | 1                | 0            | 24.50                       | 24.09                | 24.11             | 24.01             |
|                 |            |                  | 7            | 24.50                       | 24.13                | 24.08             | 23.96             |
|                 |            |                  | 14           | 24.50                       | 24.13                | 24.05             | 23.92             |
|                 |            | 8                | 0            | 23.50                       | 23.10                | 23.10             | 23.03             |
|                 |            |                  | 4            | 23.50                       | 23.10                | 23.10             | 23.00             |
|                 |            |                  | 7            | 23.50                       | 23.13                | 23.10             | 22.95             |
|                 |            | 15               | 0            | 23.50                       | 23.11                | 23.10             | 22.99             |
|                 | 16QAM      | 1                | 0            | 23.50                       | 23.45                | 23.40             | 22.98             |
|                 |            |                  | 7            | 24.00                       | 23.55                | 23.36             | 22.90             |
|                 |            |                  | 14           | 23.50                       | 23.47                | 23.28             | 22.88             |
|                 |            | 8                | 0            | 22.50                       | 22.19                | 22.24             | 22.12             |
|                 |            |                  | 4            | 22.50                       | 22.23                | 22.20             | 22.07             |
|                 |            |                  | 7            | 22.50                       | 22.24                | 22.17             | 22.05             |
|                 |            | 15               | 0            | 22.50                       | 22.28                | 22.15             | 22.13             |
|                 | QPSK       | 1                | 0            | 24.50                       | 24.09                | 24.11             | 24.01             |
|                 |            |                  | 7            | 24.50                       | 24.13                | 24.08             | 23.96             |
|                 |            |                  | 14           | 24.50                       | 24.13                | 24.05             | 23.92             |
|                 |            | 8                | 0            | 23.50                       | 23.10                | 23.10             | 23.03             |
|                 |            |                  | 4            | 23.50                       | 23.10                | 23.10             | 23.00             |
|                 |            |                  | 7            | 23.50                       | 23.13                | 23.10             | 22.95             |
|                 |            | 15               | 0            | 23.50                       | 23.11                | 23.10             | 22.99             |
|                 | 16QAM      | 1                | 0            | 23.50                       | 23.45                | 23.40             | 22.98             |
|                 |            |                  | 7            | 24.00                       | 23.55                | 23.36             | 22.90             |
|                 |            |                  | 14           | 23.50                       | 23.47                | 23.28             | 22.88             |
|                 |            | 8                | 0            | 22.50                       | 22.19                | 22.24             | 22.12             |
|                 |            |                  | 4            | 22.50                       | 22.23                | 22.20             | 22.07             |
|                 |            |                  | 7            | 22.50                       | 22.24                | 22.17             | 22.05             |
|                 |            | 15               | 0            | 22.50                       | 22.28                | 22.15             | 22.13             |

| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 23035    | 23095    | 23155    |
|-----------|------------|---------------|-----------|----------------------|----------|----------|----------|
|           |            |               |           |                      | 701.5MHz | 707.5MHz | 713.5MHz |
| 5MHz      | QPSK       | 1             | 0         | 24.50                | 24.21    | 24.18    | 24.04    |
|           |            |               | 13        | 24.50                | 24.23    | 24.19    | 23.98    |
|           |            |               | 24        | 24.50                | 24.23    | 24.17    | 23.93    |
|           |            | 12            | 0         | 23.50                | 23.15    | 23.17    | 23.06    |
|           |            |               | 6         | 23.50                | 23.14    | 23.16    | 23.04    |
|           |            |               | 13        | 23.50                | 23.17    | 23.08    | 22.99    |
|           | 16QAM      | 25            | 0         | 23.50                | 23.20    | 23.15    | 23.08    |
|           |            |               | 0         | 24.00                | 23.62    | 23.45    | 23.36    |
|           |            |               | 13        | 24.00                | 23.62    | 23.58    | 23.34    |
|           |            | 1             | 24        | 24.00                | 23.59    | 23.57    | 23.23    |
|           |            |               | 0         | 22.50                | 22.21    | 22.20    | 22.21    |
|           |            |               | 6         | 22.50                | 22.24    | 22.17    | 22.16    |
| 10MHz     | QPSK       | 12            | 13        | 22.50                | 22.24    | 22.12    | 22.11    |
|           |            |               | 0         | 22.50                | 22.22    | 22.24    | 22.11    |
|           |            |               | 25        | 22.50                | 22.22    | 22.24    | 22.11    |
|           | 16QAM      | 25            | 0         | 22.50                | 22.22    | 22.24    | 22.11    |
|           |            |               | 0         | 24.50                | 24.16    | 24.15    | 24.28    |
|           |            |               | 25        | 24.50                | 24.21    | 24.13    | 24.14    |
| 10MHz     | QPSK       | 49            | 24.50     | 24.19                | 24.07    | 24.00    | 24.00    |
|           |            |               | 0         | 23.50                | 23.15    | 23.16    | 23.19    |
|           |            |               | 13        | 23.50                | 23.17    | 23.17    | 23.12    |
|           | 16QAM      | 25            | 25        | 23.50                | 23.23    | 23.08    | 23.05    |
|           |            |               | 0         | 23.50                | 23.18    | 23.15    | 23.14    |
|           |            |               | 0         | 23.50                | 23.48    | 23.36    | 23.20    |
| 10MHz     | QPSK       | 1             | 25        | 23.50                | 23.46    | 23.31    | 23.03    |
|           |            |               | 49        | 24.00                | 23.53    | 23.26    | 22.89    |
|           |            |               | 0         | 22.50                | 22.18    | 22.21    | 22.20    |
|           | 16QAM      | 25            | 13        | 22.50                | 22.19    | 22.18    | 22.12    |
|           |            |               | 25        | 22.50                | 22.22    | 22.09    | 22.04    |
|           |            |               | 0         | 22.50                | 22.19    | 22.18    | 22.15    |

### 11.1.8 Conducted Power of LTE Band 13

| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 23205    | 23230    | 23255    |
|-----------|------------|---------------|-----------|----------------------|----------|----------|----------|
|           |            |               |           |                      | 779.5MHz | 782.0MHz | 784.5MHz |
| 5MHz      | QPSK       | 1             | 0         | 24.50                | 24.14    | 24.04    | 24.03    |
|           |            |               | 13        | 24.50                | 24.12    | 24.07    | 23.98    |
|           |            |               | 24        | 24.50                | 24.12    | 24.08    | 23.99    |
|           |            | 12            | 0         | 23.50                | 23.04    | 22.96    | 23.00    |
|           |            |               | 6         | 23.00                | 23.00    | 22.97    | 22.99    |
|           |            |               | 13        | 23.00                | 22.99    | 22.98    | 22.98    |
|           | 16QAM      | 25            | 0         | 23.50                | 23.06    | 23.01    | 23.02    |
|           |            | 1             | 0         | 24.00                | 23.57    | 23.46    | 23.36    |
|           |            |               | 13        | 24.00                | 23.51    | 23.40    | 23.31    |
|           |            |               | 24        | 23.50                | 23.48    | 23.47    | 23.36    |
|           |            | 12            | 0         | 22.50                | 22.04    | 21.93    | 22.06    |
|           |            |               | 6         | 22.50                | 21.99    | 21.93    | 22.01    |
|           |            |               | 13        | 22.00                | 21.98    | 21.96    | 21.99    |
|           |            | 25            | 0         | 22.50                | 22.00    | 22.02    | 21.98    |
| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 23230    |          |          |
|           |            |               |           |                      | 782.0MHz |          |          |
| 10MHz     | QPSK       | 1             | 0         | 24.50                |          | 24.07    |          |
|           |            |               | 25        | 24.50                |          | 24.05    |          |
|           |            |               | 49        | 24.50                |          | 24.06    |          |
|           |            | 25            | 0         | 23.00                |          | 22.99    |          |
|           |            |               | 13        | 23.50                |          | 23.03    |          |
|           |            |               | 25        | 23.00                |          | 23.00    |          |
|           | 16QAM      | 50            | 0         | 23.00                |          | 22.98    |          |
|           |            | 1             | 0         | 23.50                |          | 23.46    |          |
|           |            |               | 25        | 23.50                |          | 23.40    |          |
|           |            |               | 49        | 23.50                |          | 23.48    |          |
|           |            | 25            | 0         | 22.50                |          | 22.01    |          |
|           |            |               | 13        | 22.50                |          | 22.03    |          |
|           |            |               | 25        | 22.00                |          | 21.99    |          |
|           |            | 50            | 0         | 22.00                |          | 21.98    |          |

### 11.1.9 Conducted Power of LTE Band 17

| LTE-FDD Band 17 |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |                   |                   |
|-----------------|------------|------------------|--------------|-----------------------------|----------------------|-------------------|-------------------|
| Bandwidth       | Modulation | RB<br>allocation | RB<br>offset |                             | 23755<br>706.5MHz    | 23790<br>710.0MHz | 23825<br>713.5MHz |
| 5MHz            | QPSK       | 1                | 0            | 24.50                       | 24.28                | 24.16             | 24.17             |
|                 |            |                  | 13           | 24.50                       | 24.23                | 24.17             | 24.03             |
|                 |            |                  | 24           | 24.50                       | 24.24                | 24.12             | 23.99             |
|                 |            | 12               | 0            | 23.50                       | 23.22                | 23.24             | 23.15             |
|                 |            |                  | 6            | 23.50                       | 23.22                | 23.20             | 23.09             |
|                 |            |                  | 13           | 23.50                       | 23.17                | 23.15             | 23.05             |
|                 | 16QAM      | 25               | 0            | 23.50                       | 23.25                | 23.23             | 23.12             |
|                 |            |                  | 0            | 24.00                       | 23.62                | 23.49             | 23.47             |
|                 |            |                  | 13           | 24.00                       | 23.71                | 23.48             | 23.40             |
|                 |            | 12               | 24           | 24.00                       | 23.52                | 23.46             | 23.27             |
|                 |            |                  | 0            | 22.50                       | 22.21                | 22.28             | 22.21             |
|                 |            |                  | 6            | 22.50                       | 22.19                | 22.23             | 22.16             |
| 10MHz           | QPSK       | 1                | 13           | 22.50                       | 22.14                | 22.20             | 22.11             |
|                 |            |                  | 25           | 22.50                       | 22.26                | 22.22             | 22.11             |
|                 |            |                  | 0            | 22.50                       | 22.26                | 22.22             | 22.11             |
|                 |            | 25               | 0            | 24.00                       | 23.14                | 23.65             | 23.40             |
|                 |            |                  | 25           | 24.00                       | 23.10                | 23.60             | 23.38             |
|                 |            |                  | 49           | 23.50                       | 23.03                | 23.44             | 23.28             |
|                 |            | 50               | 0            | 22.50                       | 22.20                | 22.25             | 22.23             |
|                 |            |                  | 13           | 22.50                       | 22.17                | 22.18             | 22.15             |
|                 |            |                  | 25           | 22.50                       | 22.12                | 22.12             | 22.09             |
|                 | 16QAM      | 1                | 0            | 22.50                       | 22.17                | 22.18             | 22.19             |
|                 |            |                  | 0            | 24.00                       | 23.14                | 23.65             | 23.40             |
|                 |            |                  | 25           | 24.00                       | 23.10                | 23.60             | 23.38             |
|                 |            | 25               | 49           | 23.50                       | 23.03                | 23.44             | 23.28             |
|                 |            |                  | 0            | 22.50                       | 22.20                | 22.25             | 22.23             |
|                 |            |                  | 13           | 22.50                       | 22.17                | 22.18             | 22.15             |
|                 |            | 50               | 25           | 22.50                       | 22.12                | 22.12             | 22.09             |
|                 |            |                  | 0            | 22.50                       | 22.17                | 22.18             | 22.19             |
|                 |            |                  | 0            | 22.50                       | 22.17                | 22.18             | 22.19             |

### 11.1.10 Conducted Power of LTE Band 38

| LTE-TDD Band 38 |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |                    |                    |
|-----------------|------------|------------------|--------------|-----------------------------|----------------------|--------------------|--------------------|
| Bandwidth       | Modulation | RB<br>allocation | RB<br>offset |                             | 37775<br>2572.5MHz   | 38000<br>2595.0MHz | 38225<br>2617.5MHz |
| 5MHz            | QPSK       | 1                | 0            | 23.00                       | 22.69                | 22.71              | 22.71              |
|                 |            |                  | 13           | 23.00                       | 22.70                | 22.67              | 22.66              |
|                 |            |                  | 24           | 23.00                       | 22.66                | 22.63              | 22.72              |
|                 |            | 12               | 0            | 22.00                       | 21.66                | 21.67              | 21.60              |
|                 |            |                  | 6            | 22.00                       | 21.67                | 21.67              | 21.58              |
|                 |            |                  | 13           | 22.00                       | 21.66                | 21.63              | 21.55              |
|                 | 16QAM      | 25               | 0            | 22.00                       | 21.67                | 21.70              | 21.61              |
|                 |            |                  | 0            | 22.50                       | 22.03                | 22.04              | 22.18              |
|                 |            |                  | 13           | 22.50                       | 21.96                | 22.00              | 22.14              |
|                 |            | 1                | 24           | 22.50                       | 22.02                | 22.01              | 22.17              |
|                 |            |                  | 0            | 21.00                       | 20.65                | 20.71              | 20.61              |
|                 |            |                  | 6            | 21.00                       | 20.65                | 20.70              | 20.59              |
| 10MHz           | QPSK       | 12               | 13           | 21.00                       | 20.67                | 20.68              | 20.57              |
|                 |            |                  | 0            | 21.00                       | 20.73                | 20.71              | 20.53              |
|                 |            | 25               | 0            | 21.00                       | 20.73                | 20.71              | 20.53              |
|                 | 16QAM      | 1                | 0            | 23.00                       | 22.71                | 22.74              | 22.59              |
|                 |            |                  | 25           | 23.00                       | 22.69                | 22.62              | 22.57              |
|                 |            |                  | 49           | 23.00                       | 22.68                | 22.69              | 22.57              |
|                 | QPSK       | 25               | 0            | 22.00                       | 21.72                | 21.68              | 21.56              |
|                 |            |                  | 13           | 22.00                       | 21.69                | 21.65              | 21.57              |
|                 |            |                  | 25           | 22.00                       | 21.71                | 21.66              | 21.58              |
|                 | 16QAM      | 50               | 0            | 22.00                       | 21.74                | 21.69              | 21.57              |
|                 |            |                  | 0            | 22.50                       | 22.26                | 21.80              | 21.67              |
|                 |            |                  | 25           | 22.50                       | 22.09                | 21.86              | 21.60              |
| 15MHz           | QPSK       | 1                | 49           | 22.50                       | 22.21                | 21.86              | 21.60              |
|                 |            |                  | 0            | 21.00                       | 20.73                | 20.66              | 20.58              |
|                 |            |                  | 13           | 21.00                       | 20.70                | 20.67              | 20.54              |
|                 | 16QAM      | 25               | 25           | 21.00                       | 20.70                | 20.66              | 20.56              |
|                 |            |                  | 0            | 21.00                       | 20.72                | 20.74              | 20.55              |
|                 |            |                  | 0            | 21.00                       | 20.72                | 20.74              | 20.55              |

| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 37825     | 38000     | 38175     |
|-----------|------------|---------------|-----------|----------------------|-----------|-----------|-----------|
|           |            |               |           |                      | 2577.5MHz | 2595.0MHz | 2612.5MHz |
| 15MHz     | QPSK       | 1             | 0         | 23.00                | 22.72     | 22.59     | 22.62     |
|           |            |               | 38        | 23.00                | 22.78     | 22.68     | 22.54     |
|           |            |               | 74        | 23.00                | 22.75     | 22.59     | 22.51     |
|           |            | 36            | 0         | 22.00                | 21.64     | 21.63     | 21.53     |
|           |            |               | 18        | 22.00                | 21.63     | 21.63     | 21.50     |
|           |            |               | 39        | 22.00                | 21.60     | 21.61     | 21.50     |
|           | 16QAM      | 75            | 0         | 22.00                | 21.66     | 21.63     | 21.53     |
|           |            |               | 0         | 22.50                | 21.89     | 22.11     | 21.74     |
|           |            |               | 38        | 22.50                | 21.88     | 22.20     | 21.70     |
|           |            | 36            | 74        | 22.50                | 21.81     | 22.11     | 21.68     |
|           |            |               | 0         | 21.00                | 20.66     | 20.69     | 20.59     |
|           |            |               | 18        | 21.00                | 20.63     | 20.67     | 20.57     |
| 20MHz     | QPSK       | 1             | 39        | 21.00                | 20.60     | 20.65     | 20.58     |
|           |            |               | 75        | 21.00                | 20.67     | 20.62     | 20.47     |
|           |            | 50            | 0         | 23.00                | 22.62     | 22.63     | 22.61     |
|           |            |               | 50        | 23.00                | 22.66     | 22.69     | 22.53     |
|           |            |               | 99        | 23.00                | 22.61     | 22.65     | 22.49     |
|           |            | 100           | 0         | 22.00                | 21.70     | 21.63     | 21.58     |
|           |            |               | 25        | 22.00                | 21.66     | 21.65     | 21.52     |
|           |            |               | 50        | 22.00                | 21.64     | 21.61     | 21.51     |
|           | 16QAM      | 100           | 0         | 22.00                | 21.66     | 21.65     | 21.55     |
|           |            |               | 0         | 22.00                | 21.97     | 21.81     | 21.86     |
|           |            |               | 50        | 22.00                | 21.92     | 21.93     | 21.83     |
|           |            | 50            | 99        | 22.00                | 21.99     | 21.83     | 21.75     |
|           |            |               | 0         | 21.00                | 20.76     | 20.67     | 20.64     |
|           |            |               | 25        | 21.00                | 20.72     | 20.68     | 20.58     |
|           |            | 100           | 50        | 21.00                | 20.70     | 20.60     | 20.59     |
|           |            |               | 0         | 21.00                | 20.67     | 20.69     | 20.55     |
|           |            |               | 0         | 21.00                | 20.67     | 20.69     | 20.55     |

### 11.1.11 ConductePower of LTE Band 41

| LTE-TDD Band 41 |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |                    |                   |                     |                     |
|-----------------|------------|------------------|--------------|-----------------------------|----------------------|--------------------|-------------------|---------------------|---------------------|
| Bandwidth       | Modulation | RB<br>allocation | RB<br>offset |                             | 39675<br>2498.5MHz   | 40160<br>2552.0MHz | 40620<br>2593 MHz | 41080<br>2639.5 MHz | 41565<br>2687.5 MHz |
| 5MHz            | QPSK       | 1                | 0            | 23.00                       | 22.40                | 22.05              | 22.70             | 22.12               | 22.53               |
|                 |            |                  | 13           | 23.00                       | 22.42                | 22.08              | 22.74             | 22.13               | 22.51               |
|                 |            |                  | 24           | 23.00                       | 22.48                | 22.12              | 22.76             | 22.16               | 22.55               |
|                 |            | 12               | 0            | 22.00                       | 21.39                | 21.01              | 21.62             | 21.07               | 21.52               |
|                 |            |                  | 6            | 22.00                       | 21.40                | 21.02              | 21.64             | 21.09               | 21.54               |
|                 |            |                  | 13           | 22.00                       | 21.44                | 21.02              | 21.60             | 21.06               | 21.52               |
|                 | 16QAM      | 25               | 0            | 22.00                       | 21.45                | 21.05              | 21.65             | 21.11               | 21.56               |
|                 |            |                  | 0            | 22.50                       | 21.69                | 21.49              | 22.29             | 21.56               | 21.83               |
|                 |            |                  | 13           | 22.50                       | 21.72                | 21.51              | 22.29             | 21.55               | 21.80               |
|                 |            | 1                | 24           | 22.50                       | 21.75                | 21.50              | 22.24             | 21.54               | 21.83               |
|                 |            |                  | 0            | 21.00                       | 20.38                | 20.02              | 20.66             | 20.09               | 20.51               |
|                 |            |                  | 6            | 21.00                       | 20.40                | 20.02              | 20.64             | 20.09               | 20.54               |
|                 |            | 12               | 13           | 21.00                       | 20.44                | 20.03              | 20.62             | 20.07               | 20.51               |
|                 |            |                  | 0            | 21.00                       | 20.48                | 20.04              | 20.59             | 20.09               | 20.59               |
|                 |            | 25               | 0            | 21.00                       | 20.48                | 20.04              | 20.59             | 20.09               | 20.59               |
|                 |            |                  | 0            | 21.00                       | 20.48                | 20.04              | 20.59             | 20.09               | 20.59               |
|                 |            |                  | 0            | 21.00                       | 20.48                | 20.04              | 20.59             | 20.09               | 20.59               |
| 10MHz           | QPSK       | 1                | 0            | 23.00                       | 22.33                | 22.00              | 22.67             | 22.12               | 22.56               |
|                 |            |                  | 25           | 23.00                       | 22.38                | 22.01              | 22.63             | 22.06               | 22.48               |
|                 |            |                  | 49           | 23.00                       | 22.48                | 22.05              | 22.62             | 22.09               | 22.55               |
|                 |            | 25               | 0            | 22.00                       | 21.44                | 21.03              | 21.62             | 21.07               | 21.51               |
|                 |            |                  | 13           | 22.00                       | 21.45                | 21.05              | 21.65             | 21.08               | 21.50               |
|                 |            |                  | 25           | 22.00                       | 21.46                | 21.06              | 21.65             | 21.10               | 21.54               |
|                 | 16QAM      | 50               | 0            | 22.00                       | 21.47                | 21.05              | 21.63             | 21.11               | 21.58               |
|                 |            |                  | 0            | 22.50                       | 21.39                | 21.27              | 22.15             | 21.42               | 21.68               |
|                 |            |                  | 25           | 22.50                       | 21.46                | 21.30              | 22.13             | 21.39               | 21.64               |
|                 |            | 1                | 49           | 22.50                       | 21.48                | 21.32              | 22.16             | 21.46               | 21.76               |
|                 |            |                  | 0            | 21.00                       | 20.46                | 20.05              | 20.64             | 20.08               | 20.52               |
|                 |            |                  | 13           | 21.00                       | 20.46                | 20.05              | 20.63             | 20.07               | 20.50               |
|                 |            | 25               | 0            | 21.00                       | 20.46                | 20.05              | 20.63             | 20.07               | 20.50               |
|                 |            |                  | 13           | 21.00                       | 20.46                | 20.05              | 20.63             | 20.07               | 20.50               |
|                 |            |                  | 25           | 21.00                       | 20.42                | 20.04              | 20.65             | 20.11               | 20.56               |
|                 |            |                  | 25           | 21.00                       | 20.42                | 20.04              | 20.65             | 20.11               | 20.56               |

| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 39725     | 40160     | 40620     | 41030     | 41515     |
|-----------|------------|---------------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|
|           |            |               |           |                      | 2503.5MHz | 2547.0MHz | 2593.0MHz | 2634.0MHz | 2682.5MHz |
| 15MHz     | QPSK       | 1             | 0         | 23.00                | 22.46     | 22.06     | 22.65     | 22.09     | 22.53     |
|           |            |               | 38        | 23.00                | 22.48     | 22.09     | 22.69     | 22.14     | 22.58     |
|           |            |               | 74        | 23.00                | 22.36     | 21.98     | 22.59     | 22.13     | 22.67     |
|           |            | 36            | 0         | 22.00                | 21.39     | 20.99     | 21.59     | 21.04     | 21.48     |
|           |            |               | 18        | 22.00                | 21.41     | 21.01     | 21.61     | 21.06     | 21.50     |
|           |            |               | 39        | 22.00                | 21.36     | 20.97     | 21.57     | 21.04     | 21.50     |
|           | 16QAM      | 75            | 0         | 22.00                | 21.40     | 21.01     | 21.62     | 21.07     | 21.52     |
|           |            |               | 0         | 22.00                | 21.95     | 21.38     | 21.80     | 21.27     | 21.74     |
|           |            |               | 38        | 22.00                | 21.94     | 21.40     | 21.85     | 21.31     | 21.77     |
|           |            | 1             | 74        | 22.00                | 21.90     | 21.32     | 21.74     | 21.22     | 21.69     |
|           |            |               | 0         | 21.00                | 20.48     | 20.08     | 20.68     | 20.09     | 20.50     |
|           |            |               | 18        | 21.00                | 20.45     | 20.07     | 20.68     | 20.09     | 20.49     |
|           |            | 36            | 39        | 21.00                | 20.40     | 20.03     | 20.66     | 20.08     | 20.50     |
|           |            |               |           |                      |           |           |           |           |           |
| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 39750     | 40185     | 40620     | 41055     | 41490     |
|           |            |               |           |                      | 2506 MHz  | 2549.5MHz | 2593 MHz  | 2636.5MHz | 2680 MHz  |
| 20MHz     | QPSK       | 1             | 0         | 23.00                | 22.36     | 22.02     | 22.67     | 22.05     | 22.43     |
|           |            |               | 50        | 23.00                | 22.39     | 22.05     | 22.71     | 22.08     | 22.44     |
|           |            |               | 99        | 23.00                | 22.27     | 21.94     | 22.60     | 22.03     | 22.46     |
|           |            | 50            | 0         | 22.00                | 21.45     | 21.05     | 21.65     | 21.07     | 21.49     |
|           |            |               | 25        | 22.00                | 21.42     | 21.03     | 21.64     | 21.07     | 21.50     |
|           |            |               | 50        | 22.00                | 21.40     | 21.01     | 21.62     | 21.08     | 21.54     |
|           | 16QAM      | 100           | 0         | 22.00                | 21.43     | 21.02     | 21.61     | 21.04     | 21.47     |
|           |            |               | 0         | 22.00                | 21.83     | 21.32     | 21.80     | 21.30     | 21.79     |
|           |            |               | 50        | 22.00                | 21.73     | 21.31     | 21.89     | 21.32     | 21.74     |
|           |            | 1             | 99        | 22.00                | 21.69     | 21.24     | 21.79     | 21.30     | 21.81     |
|           |            |               | 0         | 21.00                | 20.54     | 20.10     | 20.65     | 20.12     | 20.58     |
|           |            |               | 25        | 21.00                | 20.50     | 20.07     | 20.64     | 20.12     | 20.59     |
|           |            | 50            | 50        | 21.00                | 20.45     | 20.03     | 20.61     | 20.11     | 20.60     |
|           |            |               |           |                      |           |           |           |           |           |

### 11.1.12 Conducted Power of LTE Band 42(3450-3550)

| LTE-TDD Band 42 |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |           |           |       |
|-----------------|------------|------------------|--------------|-----------------------------|----------------------|-----------|-----------|-------|
| Bandwidth       | Modulation | RB<br>allocation | RB<br>offset |                             | 42115                | 42590     | 43065     |       |
|                 |            |                  |              |                             | 3452.5MHz            | 3500.0MHz | 3547.5MHz |       |
| 5MHz            | QPSK       | 1                | 0            | 20.50                       | 20.11                | 20.02     | 20.22     |       |
|                 |            |                  | 13           | 20.50                       | 20.07                | 20.03     | 20.20     |       |
|                 |            |                  | 24           | 20.50                       | 20.12                | 20.09     | 20.19     |       |
|                 |            | 12               | 0            | 19.50                       | 19.06                | 19.06     | 19.12     |       |
|                 |            |                  | 6            | 19.50                       | 19.04                | 19.06     | 19.12     |       |
|                 |            |                  | 13           | 19.50                       | 19.04                | 19.08     | 19.12     |       |
|                 | 16QAM      | 25               | 0            | 19.50                       | 19.09                | 19.11     | 19.11     |       |
|                 |            |                  | 1            | 0                           | 20.00                | 19.41     | 19.37     | 19.81 |
|                 |            |                  |              | 13                          | 20.00                | 19.37     | 19.45     | 19.76 |
|                 |            | 24               |              | 20.00                       | 19.43                | 19.47     | 19.78     |       |
|                 |            | 12               | 0            | 18.50                       | 18.03                | 18.09     | 18.13     |       |
|                 |            |                  | 6            | 18.50                       | 18.02                | 18.09     | 18.12     |       |
| 13              | 18.50      |                  | 18.04        | 18.14                       | 18.11                |           |           |       |
| 25              | 0          | 18.50            | 18.09        | 18.08                       | 18.04                |           |           |       |
| Bandwidth       | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 42140                | 42590     | 43040     |       |
|                 |            |                  |              |                             | 3455.0MHz            | 3500.0MHz | 3545.0MHz |       |
| 10MHz           | QPSK       | 1                | 0            | 20.50                       | 20.14                | 19.99     | 20.22     |       |
|                 |            |                  | 25           | 20.50                       | 20.03                | 20.07     | 20.10     |       |
|                 |            |                  | 49           | 20.50                       | 20.15                | 20.18     | 20.17     |       |
|                 |            | 25               | 0            | 19.50                       | 19.07                | 19.00     | 19.13     |       |
|                 |            |                  | 13           | 19.50                       | 19.06                | 19.06     | 19.11     |       |
|                 |            |                  | 25           | 19.50                       | 19.10                | 19.11     | 19.13     |       |
|                 | 16QAM      | 50               | 0            | 19.50                       | 19.07                | 19.05     | 19.10     |       |
|                 |            |                  | 1            | 0                           | 20.00                | 19.61     | 19.13     | 19.20 |
|                 |            |                  |              | 25                          | 20.00                | 19.55     | 19.18     | 19.11 |
|                 |            | 25               |              | 49                          | 20.00                | 19.64     | 19.32     | 19.10 |
|                 |            |                  | 0            | 18.50                       | 18.07                | 17.99     | 18.10     |       |
|                 |            |                  | 13           | 18.50                       | 18.05                | 18.04     | 18.06     |       |
| 25              | 18.50      | 18.09            | 18.08        | 18.09                       |                      |           |           |       |

| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 42165         | 42590     | 43015                |
|-----------|------------|---------------|-----------|----------------------|---------------|-----------|----------------------|
|           |            |               |           |                      | 3457.5MHz     | 3500.0MHz | 3542.5MHz            |
| 15MHz     | QPSK       | 1             | 0         | 20.50                | 19.99         | 19.87     | 20.16                |
|           |            |               | 38        | 20.50                | 20.08         | 20.10     | 20.18                |
|           |            |               | 74        | 20.50                | 20.09         | 20.19     | 20.17                |
|           |            | 36            | 0         | 19.50                | 19.03         | 18.95     | 19.12                |
|           |            |               | 18        | 19.50                | 19.02         | 19.06     | 19.12                |
|           |            |               | 39        | 19.50                | 19.06         | 19.08     | 19.10                |
|           | 16QAM      | 1             | 0         | 19.50                | 19.06         | 19.06     | 19.10                |
|           |            |               | 0         | 20.00                | 19.53         | 19.04     | 19.33                |
|           |            |               | 38        | 20.00                | 19.61         | 19.23     | 19.37                |
|           |            | 36            | 74        | 20.00                | 19.60         | 19.35     | 19.32                |
|           |            |               | 0         | 18.50                | 18.08         | 18.04     | 18.11                |
|           |            |               | 18        | 18.50                | 18.08         | 18.14     | 18.12                |
| 20MHz     | QPSK       | 1             | 39        | 18.50                | 18.11         | 18.17     | 18.09                |
|           |            |               | Bandwidth | Modulation           | RB allocation | RB offset | Maximum Tune-up(dBm) |
|           |            |               | 42190     | 42590                | 42990         | 3460.0MHz | 3500.0MHz            |
|           |            | 50            | 0         | 20.50                | 20.00         | 19.85     | 20.10                |
|           |            |               | 50        | 20.50                | 20.05         | 20.09     | 20.17                |
|           |            |               | 99        | 20.50                | 20.06         | 20.15     | 20.12                |
|           |            | 100           | 0         | 19.50                | 19.06         | 18.95     | 19.14                |
|           |            |               | 25        | 19.50                | 19.07         | 19.04     | 19.14                |
|           |            |               | 50        | 19.50                | 19.10         | 19.11     | 19.12                |
|           | 16QAM      | 1             | 0         | 19.50                | 19.06         | 19.03     | 19.08                |
|           |            |               | 0         | 19.50                | 19.36         | 19.09     | 19.30                |
|           |            |               | 50        | 19.50                | 19.41         | 19.32     | 19.35                |
|           |            | 50            | 99        | 19.50                | 19.39         | 19.40     | 19.31                |
|           |            |               | 0         | 18.50                | 18.10         | 17.94     | 18.10                |
|           |            |               | 25        | 18.50                | 18.13         | 18.07     | 18.10                |
|           |            |               | 50        | 18.50                | 18.15         | 18.12     | 18.07                |

### 11.1.13 Conducted Power of LTE Band 43(3600-3700)

| LTE-TDD Band 43 |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |                  |                    |
|-----------------|------------|------------------|--------------|-----------------------------|----------------------|------------------|--------------------|
| Bandwidth       | Modulation | RB<br>allocation | RB<br>offset |                             | 43615<br>3602.5MHz   | 44090<br>3650MHz | 44565<br>3697.5MHz |
| 5MHz            | QPSK       | 1                | 0            | 21.00                       | 20.66                | 20.77            | 20.81              |
|                 |            |                  | 13           | 21.00                       | 20.69                | 20.75            | 20.82              |
|                 |            |                  | 24           | 21.00                       | 20.73                | 20.75            | 20.88              |
|                 |            | 12               | 0            | 20.00                       | 19.69                | 19.75            | 19.75              |
|                 |            |                  | 6            | 20.00                       | 19.68                | 19.73            | 19.76              |
|                 |            |                  | 13           | 20.00                       | 19.71                | 19.74            | 19.77              |
|                 | 16QAM      | 25               | 0            | 20.00                       | 19.73                | 19.79            | 19.81              |
|                 |            |                  | 0            | 20.50                       | 19.98                | 20.10            | 20.39              |
|                 |            |                  | 13           | 20.50                       | 19.97                | 20.14            | 20.42              |
|                 |            | 1                | 24           | 20.50                       | 20.03                | 20.10            | 20.45              |
|                 |            |                  | 0            | 19.00                       | 18.68                | 18.79            | 18.77              |
|                 |            |                  | 6            | 19.00                       | 18.68                | 18.78            | 18.77              |
| 10MHz           | QPSK       | 12               | 13           | 19.00                       | 18.70                | 18.79            | 18.79              |
|                 |            |                  | 0            | 19.00                       | 18.75                | 18.76            | 18.76              |
|                 |            |                  | 25           | 19.00                       | 18.75                | 18.76            | 18.76              |
|                 | 16QAM      | 25               | 0            | 19.00                       | 18.75                | 18.76            | 18.76              |
|                 |            |                  | 0            | 19.00                       | 18.75                | 18.76            | 18.76              |
|                 |            |                  | 25           | 19.00                       | 18.75                | 18.76            | 18.76              |
| 10MHz           | QPSK       | 1                | 0            | 21.00                       | 20.63                | 20.79            | 20.73              |
|                 |            |                  | 25           | 21.00                       | 20.68                | 20.75            | 20.77              |
|                 |            |                  | 49           | 21.00                       | 20.72                | 20.78            | 20.81              |
|                 |            | 25               | 0            | 20.00                       | 19.69                | 19.73            | 19.71              |
|                 |            |                  | 13           | 20.00                       | 19.70                | 19.73            | 19.73              |
|                 |            |                  | 25           | 20.00                       | 19.74                | 19.75            | 19.74              |
|                 | 16QAM      | 50               | 0            | 20.00                       | 19.71                | 19.75            | 19.73              |
|                 |            |                  | 0            | 20.50                       | 20.12                | 19.89            | 19.69              |
|                 |            |                  | 25           | 20.50                       | 20.17                | 19.88            | 19.72              |
|                 |            | 1                | 49           | 20.50                       | 20.21                | 19.89            | 19.76              |
|                 |            |                  | 0            | 19.00                       | 18.69                | 18.73            | 18.72              |
|                 |            |                  | 13           | 19.00                       | 18.70                | 18.73            | 18.70              |
| 10MHz           | QPSK       | 25               | 25           | 19.00                       | 18.73                | 18.71            | 18.74              |
|                 |            |                  | 0            | 19.00                       | 18.70                | 18.71            | 18.74              |
|                 |            |                  | 25           | 19.00                       | 18.73                | 18.71            | 18.74              |
|                 | 16QAM      | 50               | 0            | 19.00                       | 18.70                | 18.76            | 18.69              |
|                 |            |                  | 0            | 19.00                       | 18.70                | 18.76            | 18.69              |
|                 |            |                  | 25           | 19.00                       | 18.70                | 18.76            | 18.69              |

| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 43665     | 44090   | 44515     |
|-----------|------------|---------------|-----------|----------------------|-----------|---------|-----------|
|           |            |               |           |                      | 3607.5MHz | 3650MHz | 3692.5MHz |
| 15MHz     | QPSK       | 1             | 0         | 21.00                | 20.63     | 20.82   | 20.83     |
|           |            |               | 38        | 21.00                | 20.70     | 20.82   | 20.85     |
|           |            |               | 74        | 21.00                | 20.80     | 20.86   | 20.96     |
|           |            | 36            | 0         | 20.00                | 19.68     | 19.77   | 19.74     |
|           |            |               | 18        | 20.00                | 19.72     | 19.76   | 19.75     |
|           |            |               | 39        | 20.00                | 19.75     | 19.76   | 19.78     |
|           | 16QAM      | 1             | 0         | 20.00                | 19.73     | 19.79   | 19.78     |
|           |            |               | 0         | 20.50                | 20.11     | 19.94   | 19.99     |
|           |            |               | 38        | 20.50                | 20.22     | 19.93   | 19.98     |
|           |            | 36            | 74        | 20.50                | 20.27     | 19.97   | 20.09     |
|           |            |               | 0         | 19.00                | 18.75     | 18.83   | 18.72     |
|           |            |               | 18        | 19.00                | 18.77     | 18.83   | 18.75     |
| 20MHz     | QPSK       | 1             | 39        | 19.00                | 18.81     | 18.83   | 18.78     |
|           |            |               | 75        | 19.00                | 18.74     | 18.78   | 18.80     |
|           |            | 50            | 0         | 19.00                | 18.74     | 18.78   | 18.80     |
|           |            |               | 0         | 21.00                | 20.64     | 20.83   | 20.85     |
|           |            |               | 50        | 21.00                | 20.72     | 20.81   | 20.78     |
|           |            |               | 99        | 21.00                | 20.74     | 20.90   | 20.87     |
|           | 16QAM      | 50            | 0         | 20.00                | 19.74     | 19.79   | 19.77     |
|           |            |               | 25        | 20.00                | 19.75     | 19.78   | 19.78     |
|           |            |               | 50        | 20.00                | 19.80     | 19.78   | 19.78     |
|           |            | 100           | 0         | 20.00                | 19.76     | 19.81   | 19.79     |
|           |            |               | 0         | 20.50                | 19.95     | 20.06   | 20.08     |
|           |            |               | 50        | 20.50                | 20.05     | 20.05   | 20.00     |
| 30MHz     | QPSK       | 1             | 99        | 20.50                | 20.08     | 20.10   | 20.08     |
|           |            |               | 0         | 19.00                | 18.79     | 18.79   | 18.80     |
|           |            |               | 25        | 19.00                | 18.82     | 18.78   | 18.80     |
|           | 16QAM      | 50            | 50        | 19.00                | 18.86     | 18.78   | 18.81     |
|           |            |               | 100       | 19.00                | 18.79     | 18.79   | 18.82     |
|           |            |               | 0         | 19.00                | 18.79     | 18.79   | 18.82     |

### 11.1.14 Conducted Power of LTE Band 43(3700-3800)

| LTE-TDD Band 43 |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |                  |                    |
|-----------------|------------|------------------|--------------|-----------------------------|----------------------|------------------|--------------------|
| Bandwidth       | Modulation | RB<br>allocation | RB<br>offset |                             | 44615<br>3702.5MHz   | 45090<br>3750MHz | 45565<br>3797.5MHz |
| 5MHz            | QPSK       | 1                | 0            | 21.00                       | 20.80                | 20.81            | 20.52              |
|                 |            |                  | 13           | 21.00                       | 20.81                | 20.74            | 20.59              |
|                 |            |                  | 24           | 21.00                       | 20.82                | 20.75            | 20.63              |
|                 |            | 12               | 0            | 20.00                       | 19.78                | 19.80            | 19.54              |
|                 |            |                  | 6            | 20.00                       | 19.78                | 19.80            | 19.57              |
|                 |            |                  | 13           | 20.00                       | 19.75                | 19.79            | 19.55              |
|                 | 16QAM      | 25               | 0            | 20.00                       | 19.79                | 19.83            | 19.59              |
|                 |            |                  | 0            | 20.50                       | 20.11                | 20.16            | 20.15              |
|                 |            |                  | 13           | 20.50                       | 20.07                | 20.10            | 20.18              |
|                 |            | 1                | 24           | 20.50                       | 20.07                | 20.14            | 20.24              |
|                 |            |                  | 0            | 19.00                       | 18.74                | 18.72            | 18.57              |
|                 |            |                  | 6            | 19.00                       | 18.73                | 18.82            | 18.58              |
| 10MHz           | QPSK       | 12               | 13           | 19.00                       | 18.70                | 18.83            | 18.60              |
|                 |            |                  | 0            | 19.00                       | 18.81                | 18.80            | 18.55              |
|                 |            |                  | 0            | 19.00                       | 18.81                | 18.80            | 18.55              |
|                 |            | 25               | 0            | 19.00                       | 18.81                | 18.80            | 18.55              |
|                 |            |                  | 0            | 19.00                       | 18.81                | 18.80            | 18.55              |
|                 |            |                  | 0            | 19.00                       | 18.81                | 18.80            | 18.55              |
|                 |            | 50               | 0            | 19.00                       | 18.81                | 18.80            | 18.55              |
|                 |            |                  | 0            | 19.00                       | 18.81                | 18.80            | 18.55              |
|                 |            |                  | 0            | 19.00                       | 18.81                | 18.80            | 18.55              |
|                 | 16QAM      | 1                | 0            | 21.00                       | 20.68                | 20.74            | 20.58              |
|                 |            |                  | 25           | 21.00                       | 20.64                | 20.70            | 20.54              |
|                 |            |                  | 49           | 21.00                       | 20.65                | 20.72            | 20.62              |
|                 |            | 25               | 0            | 20.00                       | 19.67                | 19.72            | 19.56              |
|                 |            |                  | 13           | 20.00                       | 19.68                | 19.73            | 19.57              |
|                 |            |                  | 25           | 20.00                       | 19.66                | 19.70            | 19.57              |
|                 |            | 50               | 0            | 20.00                       | 19.67                | 19.71            | 19.56              |
|                 |            |                  | 0            | 20.50                       | 20.17                | 19.89            | 19.56              |
|                 |            |                  | 25           | 20.50                       | 20.15                | 19.85            | 19.52              |
| 15MHz           | QPSK       | 1                | 49           | 20.50                       | 20.15                | 19.85            | 19.52              |
|                 |            |                  | 0            | 20.50                       | 20.14                | 19.84            | 19.57              |
|                 |            |                  | 0            | 19.00                       | 18.69                | 18.71            | 18.58              |
|                 |            | 25               | 13           | 19.00                       | 18.69                | 18.70            | 18.56              |
|                 |            |                  | 25           | 19.00                       | 18.66                | 18.69            | 18.56              |
|                 |            |                  | 0            | 19.00                       | 18.67                | 18.75            | 18.58              |
|                 | 16QAM      | 1                | 0            | 19.00                       | 18.67                | 18.75            | 18.58              |
|                 |            |                  | 0            | 19.00                       | 18.67                | 18.75            | 18.58              |
|                 |            |                  | 0            | 19.00                       | 18.67                | 18.75            | 18.58              |
|                 |            | 25               | 0            | 19.00                       | 18.67                | 18.75            | 18.58              |
|                 |            |                  | 0            | 19.00                       | 18.67                | 18.75            | 18.58              |
|                 |            |                  | 0            | 19.00                       | 18.67                | 18.75            | 18.58              |

| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 44665     | 45090   | 45515     |
|-----------|------------|---------------|-----------|----------------------|-----------|---------|-----------|
|           |            |               |           |                      | 3707.5MHz | 3750MHz | 3792.5MHz |
| 15MHz     | QPSK       | 1             | 0         | 21.00                | 20.81     | 20.86   | 20.68     |
|           |            |               | 38        | 21.00                | 20.75     | 20.86   | 20.62     |
|           |            |               | 74        | 21.00                | 20.68     | 20.84   | 20.69     |
|           |            | 36            | 0         | 20.00                | 19.70     | 19.77   | 19.61     |
|           |            |               | 18        | 20.00                | 19.68     | 19.79   | 19.63     |
|           |            |               | 39        | 20.00                | 19.66     | 19.76   | 19.60     |
|           | 16QAM      | 1             | 0         | 20.00                | 19.73     | 19.78   | 19.63     |
|           |            |               | 0         | 20.50                | 19.90     | 20.00   | 20.14     |
|           |            |               | 38        | 20.50                | 19.86     | 19.97   | 20.08     |
|           |            | 36            | 74        | 20.50                | 19.78     | 19.98   | 20.18     |
|           |            |               | 0         | 19.00                | 18.77     | 18.77   | 18.67     |
|           |            |               | 18        | 19.00                | 18.76     | 18.78   | 18.69     |
| 20MHz     | QPSK       | 1             | 39        | 19.00                | 18.72     | 18.76   | 18.67     |
|           |            |               | 75        | 19.00                | 18.70     | 18.84   | 18.66     |
|           |            | 50            | 0         | 19.00                | 18.70     | 18.84   | 18.66     |
|           |            |               | 0         | 21.00                | 20.73     | 20.78   | 20.79     |
|           |            |               | 50        | 21.00                | 20.66     | 20.88   | 20.68     |
|           |            |               | 99        | 21.00                | 20.53     | 20.79   | 20.73     |
|           | 16QAM      | 50            | 0         | 20.00                | 19.73     | 19.81   | 19.73     |
|           |            |               | 25        | 20.00                | 19.67     | 19.83   | 19.66     |
|           |            |               | 50        | 20.00                | 19.60     | 19.80   | 19.67     |
|           |            | 100           | 0         | 20.00                | 19.68     | 19.81   | 19.73     |
|           |            |               | 0         | 20.50                | 20.06     | 20.03   | 20.06     |
|           |            |               | 50        | 20.50                | 20.01     | 20.06   | 19.89     |
| 20MHz     | QPSK       | 1             | 99        | 20.50                | 19.86     | 20.05   | 19.96     |
|           |            |               | 0         | 19.00                | 18.78     | 18.82   | 18.78     |
|           |            |               | 25        | 19.00                | 18.73     | 18.83   | 18.71     |
|           |            | 50            | 50        | 19.00                | 18.68     | 18.80   | 18.70     |
|           |            |               | 0         | 19.00                | 18.73     | 18.84   | 18.78     |
|           |            |               | 0         | 19.00                | 18.73     | 18.84   | 18.78     |

### 11.1.15 Conducted Power of LTE Band 48

| LTE-TDD Band 48 |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |                  |                    |
|-----------------|------------|------------------|--------------|-----------------------------|----------------------|------------------|--------------------|
| Bandwidth       | Modulation | RB<br>allocation | RB<br>offset |                             | 55265<br>3552.5MHz   | 55990<br>3625MHz | 56715<br>3697.5MHz |
| 5MHz            | QPSK       | 1                | 0            | 21.50                       | 21.02                | 21.09            | 21.09              |
|                 |            |                  | 13           | 21.50                       | 21.02                | 21.11            | 21.10              |
|                 |            |                  | 24           | 21.50                       | 21.02                | 21.18            | 21.14              |
|                 |            | 12               | 0            | 20.50                       | 19.97                | 20.07            | 20.13              |
|                 |            |                  | 6            | 20.50                       | 19.94                | 20.06            | 20.15              |
|                 |            |                  | 13           | 20.50                       | 19.95                | 20.09            | 20.14              |
|                 | 16QAM      | 1                | 0            | 21.00                       | 20.59                | 20.39            | 20.46              |
|                 |            |                  | 13           | 21.00                       | 20.57                | 20.40            | 20.48              |
|                 |            |                  | 24           | 21.00                       | 20.58                | 20.47            | 20.50              |
|                 |            | 12               | 0            | 19.50                       | 18.99                | 19.05            | 19.16              |
|                 |            |                  | 6            | 19.50                       | 18.95                | 19.07            | 19.15              |
|                 |            |                  | 13           | 19.50                       | 18.97                | 19.07            | 19.21              |
| 10MHz           | QPSK       | 1                | 0            | 21.50                       | 20.95                | 21.13            | 21.11              |
|                 |            |                  | 25           | 21.50                       | 20.92                | 21.09            | 21.10              |
|                 |            |                  | 49           | 21.50                       | 21.02                | 21.22            | 21.23              |
|                 |            | 25               | 0            | 20.50                       | 19.95                | 20.06            | 20.09              |
|                 |            |                  | 13           | 20.50                       | 19.96                | 20.08            | 20.12              |
|                 |            |                  | 25           | 20.50                       | 19.97                | 20.12            | 20.13              |
|                 |            | 50               | 0            | 20.50                       | 19.99                | 20.10            | 20.14              |
|                 | 16QAM      | 1                | 0            | 20.50                       | 20.46                | 20.23            | 20.07              |
|                 |            |                  | 25           | 20.50                       | 20.42                | 20.20            | 20.11              |
|                 |            |                  | 49           | 21.00                       | 20.53                | 20.34            | 20.16              |
|                 |            | 25               | 0            | 19.50                       | 18.97                | 19.05            | 19.09              |
|                 |            |                  | 13           | 19.50                       | 18.96                | 19.08            | 19.12              |
|                 |            |                  | 25           | 19.50                       | 18.98                | 19.11            | 19.12              |
|                 |            | 50               | 0            | 19.50                       | 18.96                | 19.12            | 19.10              |

| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 55315     | 55990   | 56665     |
|-----------|------------|---------------|-----------|----------------------|-----------|---------|-----------|
|           |            |               |           |                      | 3557.5MHz | 3625MHz | 3692.5MHz |
| 15MHz     | QPSK       | 1             | 0         | 21.50                | 20.91     | 21.07   | 21.11     |
|           |            |               | 38        | 21.50                | 20.99     | 21.13   | 21.21     |
|           |            |               | 74        | 21.50                | 21.05     | 21.23   | 21.28     |
|           |            | 36            | 0         | 20.50                | 19.92     | 20.03   | 20.06     |
|           |            |               | 18        | 20.50                | 19.95     | 20.08   | 20.10     |
|           |            |               | 39        | 20.50                | 19.99     | 20.13   | 20.15     |
|           | 16QAM      | 1             | 0         | 20.50                | 19.97     | 20.12   | 20.11     |
|           |            |               | 38        | 20.50                | 20.41     | 20.16   | 20.23     |
|           |            |               | 74        | 20.50                | 20.42     | 20.26   | 20.29     |
|           |            | 36            | 0         | 21.00                | 20.55     | 20.36   | 20.39     |
|           |            |               | 18        | 19.50                | 19.00     | 19.12   | 19.05     |
|           |            |               | 39        | 19.50                | 19.01     | 19.17   | 19.07     |
| 20MHz     | QPSK       | 1             | 0         | 19.50                | 19.04     | 19.20   | 19.12     |
|           |            |               | 38        | 19.50                | 18.99     | 19.08   | 19.16     |
|           |            |               | 74        | 19.50                | 18.99     | 19.08   | 19.16     |
|           |            | 36            | 0         | 19.50                | 18.99     | 19.08   | 19.16     |
|           |            |               | 18        | 19.50                | 18.99     | 19.08   | 19.16     |
|           |            |               | 39        | 19.50                | 18.99     | 19.08   | 19.16     |
|           | 16QAM      | 1             | 0         | 19.50                | 18.99     | 19.08   | 19.16     |
|           |            |               | 38        | 19.50                | 18.99     | 19.08   | 19.16     |
|           |            |               | 74        | 19.50                | 18.99     | 19.08   | 19.16     |
|           |            | 36            | 0         | 19.50                | 18.99     | 19.08   | 19.16     |
|           |            |               | 18        | 19.50                | 18.99     | 19.08   | 19.16     |
|           |            |               | 39        | 19.50                | 18.99     | 19.08   | 19.16     |

### 11.1.16 Conducted Power of LTE Band 66

| LTE-FDD Band 66 |            |               |           |                      | Conducted Power(dBm) |           |           |
|-----------------|------------|---------------|-----------|----------------------|----------------------|-----------|-----------|
| Bandwidth       | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 131979               | 132322    | 132665    |
|                 |            |               |           |                      | 1710.7MHz            | 1745.0MHz | 1779.3MHz |
| 1.4MHz          | QPSK       | 1             | 0         | 23.00                | 22.76                | 22.68     | 22.93     |
|                 |            |               | 2         | 23.00                | 22.74                | 22.70     | 22.95     |
|                 |            |               | 5         | 23.00                | 22.71                | 22.65     | 22.91     |
|                 |            | 3             | 0         | 23.00                | 22.68                | 22.66     | 22.87     |
|                 |            |               | 2         | 23.00                | 22.67                | 22.66     | 22.86     |
|                 |            |               | 3         | 23.00                | 22.66                | 22.65     | 22.86     |
|                 | 16QAM      | 6             | 0         | 22.00                | 21.69                | 21.66     | 21.88     |
|                 |            |               | 0         | 22.00                | 21.93                | 21.94     | 21.85     |
|                 |            |               | 2         | 22.00                | 21.91                | 21.91     | 21.83     |
|                 |            | 3             | 5         | 22.00                | 21.87                | 21.93     | 21.85     |
|                 |            |               | 0         | 22.50                | 21.91                | 21.90     | 22.01     |
|                 |            |               | 2         | 22.50                | 21.88                | 21.94     | 22.02     |
| 3MHz            | QPSK       | 1             | 3         | 22.50                | 21.85                | 21.89     | 22.03     |
|                 |            |               | 6         | 21.50                | 20.92                | 20.86     | 21.04     |
|                 |            | 8             | 0         | 23.00                | 22.81                | 22.68     | 22.88     |
|                 |            |               | 7         | 23.00                | 22.71                | 22.73     | 22.87     |
|                 |            |               | 14        | 23.00                | 22.65                | 22.71     | 22.86     |
|                 |            | 15            | 0         | 22.00                | 21.73                | 21.70     | 21.92     |
|                 |            |               | 4         | 22.00                | 21.67                | 21.70     | 21.91     |
|                 |            |               | 7         | 22.00                | 21.69                | 21.70     | 21.90     |
|                 | 16QAM      | 1             | 0         | 22.00                | 21.74                | 21.72     | 21.90     |
|                 |            |               | 0         | 22.50                | 22.23                | 22.12     | 22.17     |
|                 |            |               | 7         | 22.50                | 22.17                | 22.16     | 22.14     |
|                 |            | 8             | 14        | 22.50                | 22.11                | 22.12     | 22.13     |
|                 |            |               | 0         | 21.00                | 20.77                | 20.72     | 20.95     |
|                 |            |               | 4         | 21.00                | 20.74                | 20.72     | 20.90     |
|                 |            | 15            | 7         | 21.00                | 20.74                | 20.72     | 20.93     |
|                 |            |               | 0         | 21.00                | 20.79                | 20.77     | 20.88     |
| 5MHz            | QPSK       | 1             | 0         | 23.00                | 22.89                | 22.82     | 22.97     |
|                 |            |               | 13        | 23.50                | 22.75                | 22.83     | 23.01     |
|                 |            |               | 24        | 23.50                | 22.74                | 22.76     | 23.02     |
|                 |            | 12            | 0         | 22.00                | 21.74                | 21.73     | 21.93     |
|                 |            |               | 6         | 22.00                | 21.68                | 21.73     | 21.90     |
|                 |            |               | 13        | 22.00                | 21.64                | 21.70     | 21.89     |
|                 |            | 25            | 0         | 22.00                | 21.74                | 21.77     | 21.97     |
|                 |            |               | 0         | 22.50                | 22.31                | 22.29     | 22.45     |
|                 |            |               | 13        | 22.50                | 22.26                | 22.29     | 22.39     |
|                 | 16QAM      | 1             | 24        | 22.50                | 22.16                | 22.26     | 22.42     |
|                 |            |               | 0         | 21.00                | 20.73                | 20.76     | 20.92     |
|                 |            | 12            | 6         | 21.00                | 20.69                | 20.72     | 20.88     |
|                 |            |               | 13        | 21.00                | 20.67                | 20.70     | 20.88     |
|                 |            |               | 0         | 21.00                | 20.70                | 20.72     | 20.96     |

| LTE-FDD Band 66 |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |           |           |
|-----------------|------------|------------------|--------------|-----------------------------|----------------------|-----------|-----------|
| Bandwidth       | Modulation | RB<br>allocation | RB<br>offset |                             | 132022               | 132322    | 132622    |
|                 |            |                  |              |                             | 1715.0MHz            | 1745.0MHz | 1775.0MHz |
| 10MHz           | QPSK       | 1                | 0            | 23.50                       | 22.77                | 22.77     | 23.02     |
|                 |            |                  | 25           | 23.00                       | 22.54                | 22.70     | 22.98     |
|                 |            |                  | 49           | 23.00                       | 22.56                | 22.71     | 22.98     |
|                 |            | 25               | 0            | 22.00                       | 21.71                | 21.73     | 21.98     |
|                 |            |                  | 13           | 22.00                       | 21.66                | 21.67     | 21.94     |
|                 |            |                  | 25           | 22.00                       | 21.62                | 21.68     | 21.90     |
|                 | 16QAM      | 50               | 0            | 22.00                       | 21.64                | 21.72     | 21.95     |
|                 |            |                  | 0            | 22.50                       | 22.23                | 21.95     | 21.94     |
|                 |            |                  | 25           | 22.50                       | 22.02                | 21.92     | 21.83     |
|                 |            | 1                | 49           | 22.00                       | 22.00                | 21.87     | 21.90     |
|                 |            |                  | 0            | 21.00                       | 20.73                | 20.75     | 20.97     |
|                 |            |                  | 13           | 21.00                       | 20.65                | 20.68     | 20.93     |
| 15MHz           | QPSK       | 1                | 25           | 21.00                       | 20.63                | 20.68     | 20.88     |
|                 |            |                  | 0            | 23.50                       | 22.82                | 22.84     | 23.03     |
|                 |            |                  | 38           | 23.50                       | 22.61                | 22.75     | 23.01     |
|                 |            | 36               | 74           | 23.50                       | 22.58                | 22.67     | 23.02     |
|                 |            |                  | 0            | 22.00                       | 21.62                | 21.73     | 21.94     |
|                 |            |                  | 18           | 22.00                       | 21.55                | 21.66     | 21.92     |
|                 | 16QAM      | 75               | 39           | 22.00                       | 21.54                | 21.61     | 21.87     |
|                 |            |                  | 0            | 22.00                       | 21.62                | 21.66     | 21.92     |
|                 |            |                  | 0            | 22.50                       | 22.21                | 22.00     | 22.05     |
|                 |            | 1                | 38           | 22.50                       | 21.96                | 21.93     | 22.04     |
|                 |            |                  | 74           | 22.50                       | 21.97                | 21.85     | 22.02     |
|                 |            |                  | 0            | 21.00                       | 20.66                | 20.82     | 20.92     |
| 20MHz           | QPSK       | 36               | 18           | 21.00                       | 20.61                | 20.73     | 20.87     |
|                 |            |                  | 39           | 21.00                       | 20.61                | 20.70     | 20.85     |
|                 |            |                  | 0            | 23.00                       | 22.86                | 22.89     | 22.78     |
|                 |            | 50               | 50           | 23.00                       | 22.58                | 22.84     | 22.85     |
|                 |            |                  | 99           | 23.00                       | 22.67                | 22.78     | 22.88     |
|                 |            |                  | 0            | 22.00                       | 21.59                | 21.75     | 21.93     |
|                 | 16 QAM     | 100              | 25           | 22.00                       | 21.60                | 21.70     | 21.90     |
|                 |            |                  | 50           | 22.00                       | 21.58                | 21.63     | 21.89     |
|                 |            |                  | 0            | 22.00                       | 21.59                | 21.69     | 21.89     |
|                 |            | 1                | 0            | 22.50                       | 22.28                | 22.07     | 22.18     |
|                 |            |                  | 50           | 22.50                       | 21.96                | 21.98     | 22.23     |
|                 |            |                  | 99           | 22.50                       | 22.09                | 21.97     | 22.25     |
| 50              | 0          | 21.00            | 20.67        | 20.76                       | 20.98                |           |           |
|                 | 25         | 21.00            | 20.66        | 20.69                       | 20.95                |           |           |
|                 | 50         | 21.00            | 20.65        | 20.66                       | 20.94                |           |           |

### 11.1.17 Conducted Power of NR n5

| NR n5     |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |                    |                    |
|-----------|------------|------------------|--------------|-----------------------------|----------------------|--------------------|--------------------|
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset |                             | 165800<br>829.0MHz   | 167300<br>836.5MHz | 168800<br>844.0MHz |
| 10MHz     | DFT_BPSK   | 1@1              | LOW          | 25.00                       | 24.64                | 24.69              | 24.83              |
|           | DFT_QPSK   | 24@0             | LOW          | 24.00                       | 23.83                | 23.83              | 23.64              |
|           | DFT_QPSK   | 12@6             | LOW          | 25.00                       | 24.84                | 24.88              | 24.62              |
|           | DFT_QPSK   | 1@1              | LOW          | 25.50                       | 24.81                | 25.15              | 24.47              |
|           | DFT_QPSK   | 1@22             | LOW          | 25.50                       | 24.78                | 25.09              | 24.45              |
|           | DFT_QAM16  | 1@1              | LOW          | 24.00                       | 23.60                | 23.60              | 23.89              |
|           | DFT_QAM64  | 1@1              | LOW          | 22.50                       | 22.24                | 22.11              | 22.20              |
|           | DFT_QAM256 | 1@1              | LOW          | 20.50                       | 20.17                | 20.40              | 20.15              |
|           | CP_QPSK    | 1@1              | LOW          | 24.00                       | 23.87                | 23.39              | 23.19              |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 166300<br>831.5MHz   | 167300<br>836.5MHz | 168300<br>841.5MHz |
| 15MHz     | DFT_BPSK   | 1@1              | LOW          | 25.00                       | 24.62                | 24.98              | 24.84              |
|           | DFT_QPSK   | 36@0             | LOW          | 24.00                       | 23.85                | 23.83              | 23.77              |
|           | DFT_QPSK   | 18@9             | LOW          | 25.00                       | 24.89                | 24.91              | 24.84              |
|           | DFT_QPSK   | 1@1              | LOW          | 25.00                       | 24.77                | 24.70              | 24.73              |
|           | DFT_QPSK   | 1@36             | LOW          | 25.00                       | 24.74                | 24.52              | 24.52              |
|           | DFT_QAM16  | 1@1              | LOW          | 24.50                       | 24.40                | 23.94              | 23.80              |
|           | DFT_QAM64  | 1@1              | LOW          | 23.00                       | 22.43                | 22.35              | 22.80              |
|           | DFT_QAM256 | 1@1              | LOW          | 21.00                       | 20.53                | 20.22              | 20.59              |
|           | CP_QPSK    | 1@1              | LOW          | 24.00                       | 23.08                | 23.26              | 23.52              |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 166800<br>834.0MHz   | 167300<br>836.5MHz | 167800<br>839.0MHz |
| 20MHz     | DFT_BPSK   | 1@1              | LOW          | 25.00                       | 24.59                | 24.63              | 24.66              |
|           | DFT_QPSK   | 50@0             | LOW          | 24.00                       | 23.84                | 23.79              | 23.80              |
|           | DFT_QPSK   | 25@12            | LOW          | 25.00                       | 24.93                | 24.89              | 24.77              |
|           | DFT_QPSK   | 1@1              | LOW          | 25.00                       | 24.75                | 24.72              | 24.81              |
|           | DFT_QPSK   | 1@49             | LOW          | 25.00                       | 24.51                | 24.51              | 24.58              |
|           | DFT_QAM16  | 1@1              | LOW          | 24.00                       | 23.82                | 23.97              | 23.57              |
|           | DFT_QAM64  | 1@1              | LOW          | 23.00                       | 22.52                | 22.43              | 22.10              |
|           | DFT_QAM256 | 1@1              | LOW          | 20.50                       | 20.09                | 20.32              | 20.30              |
|           | CP_QPSK    | 1@1              | LOW          | 24.00                       | 23.25                | 23.50              | 23.70              |

### 11.1.18 Conducted Power of NR n7

| NR n7     |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |           |           |
|-----------|------------|------------------|--------------|-----------------------------|----------------------|-----------|-----------|
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset |                             | 501000               | 507000    | 513000    |
|           |            |                  |              |                             | 2505.0MHz            | 2535.0MHz | 2565.0MHz |
| 10MHz     | DFT_BPSK   | 1@1              | LOW          | 23.50                       | 23.25                | 23.26     | 23.41     |
|           | DFT_QPSK   | 24@0             | LOW          | 22.50                       | 22.43                | 22.32     | 22.44     |
|           | DFT_QPSK   | 12@6             | LOW          | 23.50                       | 23.48                | 23.36     | 23.44     |
|           | DFT_QPSK   | 1@1              | LOW          | 24.00                       | 23.25                | 23.69     | 23.58     |
|           | DFT_QPSK   | 1@22             | LOW          | 24.00                       | 23.17                | 23.71     | 23.63     |
|           | DFT_QAM16  | 1@1              | LOW          | 23.00                       | 22.28                | 22.16     | 22.65     |
|           | DFT_QAM64  | 1@1              | LOW          | 21.00                       | 20.70                | 20.64     | 20.93     |
|           | DFT_QAM256 | 1@1              | LOW          | 19.00                       | 18.69                | 18.85     | 18.87     |
|           | CP_QPSK    | 1@1              | LOW          | 22.50                       | 22.47                | 22.05     | 21.96     |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 501500               | 507000    | 512000    |
|           |            |                  |              |                             | 2507.5MHz            | 2535.0MHz | 2562.5MHz |
| 15MHz     | DFT_BPSK   | 1@1              | LOW          | 23.50                       | 23.32                | 23.49     | 23.45     |
|           | DFT_QPSK   | 36@0             | LOW          | 22.50                       | 22.35                | 22.31     | 22.37     |
|           | DFT_QPSK   | 18@9             | LOW          | 23.50                       | 23.45                | 23.39     | 23.46     |
|           | DFT_QPSK   | 1@1              | LOW          | 23.50                       | 23.43                | 23.29     | 23.22     |
|           | DFT_QPSK   | 1@36             | LOW          | 23.50                       | 23.42                | 23.32     | 23.45     |
|           | DFT_QAM16  | 1@1              | LOW          | 23.00                       | 22.96                | 22.42     | 22.47     |
|           | DFT_QAM64  | 1@1              | LOW          | 21.50                       | 21.01                | 20.80     | 21.06     |
|           | DFT_QAM256 | 1@1              | LOW          | 19.50                       | 19.10                | 18.57     | 19.03     |
|           | CP_QPSK    | 1@1              | LOW          | 22.00                       | 21.59                | 21.75     | 21.70     |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 502000               | 507000    | 512000    |
|           |            |                  |              |                             | 2510.0MHz            | 2535.0MHz | 2560.0MHz |
| 20MHz     | DFT_BPSK   | 1@1              | LOW          | 23.50                       | 23.31                | 23.15     | 23.21     |
|           | DFT_QPSK   | 50@0             | LOW          | 22.50                       | 22.36                | 22.28     | 22.39     |
|           | DFT_QPSK   | 25@12            | LOW          | 23.50                       | 23.49                | 23.38     | 23.44     |
|           | DFT_QPSK   | 1@1              | LOW          | 23.50                       | 23.26                | 23.32     | 23.39     |
|           | DFT_QPSK   | 1@49             | LOW          | 23.50                       | 23.27                | 23.33     | 23.50     |
|           | DFT_QAM16  | 1@1              | LOW          | 23.00                       | 22.48                | 22.54     | 22.18     |
|           | DFT_QAM64  | 1@1              | LOW          | 21.00                       | 20.96                | 20.85     | 20.69     |
|           | DFT_QAM256 | 1@1              | LOW          | 19.00                       | 18.68                | 18.76     | 18.80     |
|           | CP_QPSK    | 1@1              | LOW          | 22.50                       | 21.75                | 22.01     | 22.09     |

### 11.1.19 ConductdPower of NR n12

| NR n12    |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |                    |                    |
|-----------|------------|------------------|--------------|-----------------------------|----------------------|--------------------|--------------------|
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset |                             | 140800<br>704.0MHz   | 141500<br>707.5MHz | 142200<br>711.0MHz |
| 5MHz      | DFT_BPSK   | 1@1              | LOW          | 25.00                       | 24.70                | 24.73              | 24.95              |
|           | DFT_QPSK   | 25@0             | LOW          | 24.00                       | 23.74                | 23.76              | 23.76              |
|           | DFT_QPSK   | 12@6             | LOW          | 25.00                       | 24.72                | 24.82              | 24.79              |
|           | DFT_QPSK   | 1@1              | LOW          | 25.00                       | 24.85                | 24.87              | 24.81              |
|           | DFT_QPSK   | 1@23             | LOW          | 25.00                       | 24.64                | 24.88              | 24.76              |
|           | DFT_QAM16  | 1@1              | LOW          | 24.50                       | 23.91                | 24.02              | 23.85              |
|           | DFT_QAM64  | 1@1              | LOW          | 22.50                       | 22.23                | 21.90              | 22.17              |
|           | DFT_QAM256 | 1@1              | LOW          | 21.00                       | 20.27                | 20.72              | 20.32              |
|           | CP_QPSK    | 1@1              | LOW          | 24.00                       | 23.33                | 23.61              | 23.45              |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 140800<br>704.0MHz   | 141500<br>707.5MHz | 142200<br>711.0MHz |
| 10MHz     | DFT_BPSK   | 1@1              | LOW          | 25.00                       | 24.67                | 24.69              | 24.69              |
|           | DFT_QPSK   | 50@0             | LOW          | 24.00                       | 23.71                | 23.79              | 23.81              |
|           | DFT_QPSK   | 25@12            | LOW          | 25.00                       | 24.72                | 24.78              | 24.72              |
|           | DFT_QPSK   | 1@1              | LOW          | 25.00                       | 24.58                | 24.67              | 24.54              |
|           | DFT_QPSK   | 1@50             | LOW          | 25.00                       | 24.61                | 24.72              | 24.49              |
|           | DFT_QAM16  | 1@1              | LOW          | 24.00                       | 23.38                | 23.70              | 23.63              |
|           | DFT_QAM64  | 1@1              | LOW          | 23.00                       | 22.33                | 22.60              | 21.92              |
|           | DFT_QAM256 | 1@1              | LOW          | 20.50                       | 20.44                | 19.77              | 20.09              |
|           | CP_QPSK    | 1@1              | LOW          | 23.50                       | 23.46                | 23.11              | 22.81              |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 141300<br>706.5MHz   | 141500<br>707.5MHz | 141700<br>708.8MHz |
| 15MHz     | DFT_BPSK   | 1@1              | LOW          | 25.50                       | 24.68                | 25.09              | 24.72              |
|           | DFT_QPSK   | 75@0             | LOW          | 24.00                       | 23.69                | 23.77              | 23.78              |
|           | DFT_QPSK   | 36@18            | LOW          | 25.00                       | 24.72                | 24.79              | 24.78              |
|           | DFT_QPSK   | 1@1              | LOW          | 25.00                       | 24.64                | 25.00              | 24.63              |
|           | DFT_QPSK   | 1@77             | LOW          | 25.50                       | 24.71                | 25.06              | 24.66              |
|           | DFT_QAM16  | 1@1              | LOW          | 24.50                       | 23.54                | 24.05              | 23.65              |
|           | DFT_QAM64  | 1@1              | LOW          | 23.00                       | 22.09                | 22.52              | 22.25              |
|           | DFT_QAM256 | 1@1              | LOW          | 21.00                       | 20.30                | 20.82              | 20.49              |
|           | CP_QPSK    | 1@1              | LOW          | 24.00                       | 22.45                | 23.04              | 23.53              |

### 11.1.20 Conducted Power of NR n38

| NR n38    |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |           |           |
|-----------|------------|------------------|--------------|-----------------------------|----------------------|-----------|-----------|
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset |                             | 515000               | 519000    | 523000    |
|           |            |                  |              |                             | 2575.0MHz            | 2595.0MHz | 2615.0MHz |
| 10MHz     | DFT_BPSK   | 1@1              | LOW          | 24.00                       | 23.57                | 23.54     | 23.09     |
|           | DFT_QPSK   | 24@0             | LOW          | 22.50                       | 22.39                | 22.42     | 22.22     |
|           | DFT_QPSK   | 12@6             | LOW          | 23.50                       | 23.41                | 23.43     | 23.27     |
|           | DFT_QPSK   | 1@1              | LOW          | 24.00                       | 23.53                | 23.58     | 23.23     |
|           | DFT_QPSK   | 1@22             | LOW          | 24.00                       | 23.33                | 23.59     | 23.16     |
|           | DFT_QAM16  | 1@1              | LOW          | 22.50                       | 22.30                | 22.39     | 22.31     |
|           | DFT_QAM64  | 1@1              | LOW          | 21.50                       | 20.74                | 21.17     | 21.25     |
|           | DFT_QAM256 | 1@1              | LOW          | 19.50                       | 18.53                | 19.02     | 18.62     |
| CP_QPSK   | 1@1        | LOW              | 24.00        | 22.04                       | 22.99                | 23.58     |           |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 515500               | 519000    | 522500    |
|           |            |                  |              |                             | 2577.5MHz            | 2595.0MHz | 2612.5MHz |
| 15MHz     | DFT_BPSK   | 1@1              | LOW          | 23.50                       | 23.27                | 23.41     | 23.40     |
|           | DFT_QPSK   | 36@0             | LOW          | 22.50                       | 22.49                | 22.49     | 22.36     |
|           | DFT_QPSK   | 18@9             | LOW          | 24.00                       | 23.35                | 23.52     | 23.28     |
|           | DFT_QPSK   | 1@1              | LOW          | 23.50                       | 23.24                | 23.25     | 23.35     |
|           | DFT_QPSK   | 1@36             | LOW          | 24.00                       | 23.71                | 23.32     | 23.17     |
|           | DFT_QAM16  | 1@1              | LOW          | 23.00                       | 22.85                | 22.54     | 22.38     |
|           | DFT_QAM64  | 1@1              | LOW          | 21.50                       | 21.28                | 20.77     | 21.14     |
|           | DFT_QAM256 | 1@1              | LOW          | 19.00                       | 18.30                | 18.80     | 18.71     |
| CP_QPSK   | 1@1        | LOW              | 22.50        | 21.91                       | 21.96                | 22.04     |           |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 522500               | 519000    | 522000    |
|           |            |                  |              |                             | 2580.0MHz            | 2595.0MHz | 2610.0MHz |
| 20MHz     | DFT_BPSK   | 1@1              | LOW          | 23.50                       | 23.16                | 23.14     | 23.32     |
|           | DFT_QPSK   | 50@0             | LOW          | 22.50                       | 22.40                | 22.44     | 22.32     |
| 20MHz     | DFT_QPSK   | 25@12            | LOW          | 23.50                       | 23.40                | 23.45     | 23.31     |
|           | DFT_QPSK   | 1@1              | LOW          | 24.50                       | 24.41                | 23.31     | 23.27     |
|           | DFT_QPSK   | 1@49             | LOW          | 23.50                       | 23.34                | 23.32     | 23.08     |
|           | DFT_QAM16  | 1@1              | LOW          | 22.50                       | 22.06                | 22.44     | 22.34     |
|           | DFT_QAM64  | 1@1              | LOW          | 21.50                       | 21.45                | 20.63     | 20.66     |
|           | DFT_QAM256 | 1@1              | LOW          | 19.00                       | 18.76                | 18.82     | 18.80     |
|           | CP_QPSK    | 1@1              | LOW          | 22.00                       | 21.68                | 21.98     | 21.63     |

### 11.1.21 Conducted Power of NR n41

| NR n41    |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |           |           |
|-----------|------------|------------------|--------------|-----------------------------|----------------------|-----------|-----------|
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset |                             | 501204               | 518598    | 535998    |
|           |            |                  |              |                             | 2506.0MHz            | 2593.0MHz | 2680.0MHz |
| 20MHz     | DFT BPSK   | 1@1              | LOW          | 23.50                       | 23.12                | 23.24     | 23.16     |
|           | DFT QPSK   | 50@0             | LOW          | 22.50                       | 22.28                | 22.47     | 22.23     |
|           | DFT QPSK   | 25@12            | LOW          | 23.50                       | 23.31                | 23.50     | 23.27     |
|           | DFT QPSK   | 1@1              | LOW          | 24.50                       | 23.42                | 24.11     | 23.17     |
|           | DFT QPSK   | 1@49             | LOW          | 24.50                       | 23.41                | 24.19     | 23.05     |
|           | DFT QAM16  | 1@1              | LOW          | 23.00                       | 22.49                | 22.60     | 22.58     |
|           | DFT QAM64  | 1@1              | LOW          | 21.00                       | 20.81                | 20.78     | 20.08     |
|           | DFT QAM256 | 1@1              | LOW          | 19.00                       | 18.67                | 18.83     | 18.38     |
|           | CP QPSK    | 1@1              | LOW          | 23.50                       | 23.17                | 22.15     | 21.49     |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 504204               | 518598    | 532998    |
|           |            |                  |              |                             | 2521.0MHz            | 2593.0MHz | 2665.0MHz |
| 50MHz     | DFT BPSK   | 1@1              | LOW          | 23.50                       | 23.15                | 23.38     | 23.19     |
|           | DFT QPSK   | 128@0            | LOW          | 22.50                       | 22.27                | 22.46     | 22.25     |
|           | DFT QPSK   | 64@32            | LOW          | 24.00                       | 23.18                | 23.51     | 23.20     |
|           | DFT QPSK   | 1@1              | LOW          | 23.50                       | 23.18                | 23.42     | 23.29     |
|           | DFT QPSK   | 1@131            | LOW          | 23.50                       | 23.13                | 23.23     | 23.17     |
|           | DFT QAM16  | 1@1              | LOW          | 22.50                       | 22.20                | 22.39     | 22.33     |
|           | DFT QAM64  | 1@1              | LOW          | 21.50                       | 20.83                | 21.39     | 20.66     |
|           | DFT QAM256 | 1@1              | LOW          | 19.00                       | 18.57                | 18.75     | 18.60     |
|           | CP QPSK    | 1@1              | LOW          | 23.00                       | 21.73                | 21.95     | 22.69     |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 509202               | 518598    | 528000    |
|           |            |                  |              |                             | 2546.0MHz            | 2593.0MHz | 2640.0MHz |
| 100MHz    | DFT BPSK   | 1@1              | LOW          | 23.50                       | 23.16                | 23.18     | 23.40     |
|           | DFT QPSK   | 270@0            | LOW          | 22.50                       | 22.30                | 22.49     | 22.25     |
|           | DFT QPSK   | 135@67           | LOW          | 24.00                       | 23.31                | 23.51     | 23.24     |
|           | DFT QPSK   | 1@1              | LOW          | 24.50                       | 23.27                | 23.14     | 24.04     |
|           | DFT QPSK   | 1@271            | LOW          | 24.50                       | 23.48                | 23.26     | 24.37     |
|           | DFT QAM16  | 1@1              | LOW          | 22.50                       | 22.17                | 22.29     | 22.39     |
|           | DFT QAM64  | 1@1              | LOW          | 21.00                       | 20.42                | 20.80     | 20.84     |
|           | DFT QAM256 | 1@1              | LOW          | 19.00                       | 18.53                | 18.75     | 18.88     |
|           | CP QPSK    | 1@1              | LOW          | 22.50                       | 21.94                | 21.59     | 22.01     |

### 11.1.22 Conducted Power of NR n48

| NR n48    |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |           |           |
|-----------|------------|------------------|--------------|-----------------------------|----------------------|-----------|-----------|
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset |                             | 637000               | 641666    | 646332    |
|           |            |                  |              |                             | 3560.0MHz            | 3625.0MHz | 3695.0MHz |
| 10MHz     | DFT_BPSK   | 1@1              | LOW          | 23.00                       | 22.88                | 22.96     | 22.37     |
|           | DFT_QPSK   | 50@0             | LOW          | 22.00                       | 21.85                | 21.83     | 21.46     |
|           | DFT_QPSK   | 25@12            | LOW          | 23.00                       | 22.83                | 22.82     | 22.56     |
|           | DFT_QPSK   | 1@1              | LOW          | 23.50                       | 22.94                | 23.03     | 22.50     |
|           | DFT_QPSK   | 1@49             | LOW          | 23.00                       | 22.99                | 22.94     | 22.57     |
|           | DFT_QAM16  | 1@1              | LOW          | 22.00                       | 21.73                | 21.77     | 21.44     |
|           | DFT_QAM64  | 1@1              | LOW          | 20.50                       | 20.06                | 20.49     | 20.48     |
|           | DFT_QAM256 | 1@1              | LOW          | 19.00                       | 17.97                | 18.56     | 17.93     |
| CP_QPSK   | 1@1        | LOW              | 22.00        | 21.25                       | 21.54                | 21.16     |           |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 638334               | 641666    | 645000    |
|           |            |                  |              |                             | 3575.0MHz            | 3625.0MHz | 3675.0MHz |
| 50MHz     | DFT_BPSK   | 1@1              | LOW          | 23.00                       | 22.78                | 22.91     | 22.59     |
|           | DFT_QPSK   | 128@0            | LOW          | 22.00                       | 21.93                | 21.88     | 21.54     |
|           | DFT_QPSK   | 64@32            | LOW          | 22.50                       | 22.02                | 21.79     | 21.53     |
|           | DFT_QPSK   | 1@1              | LOW          | 23.00                       | 22.74                | 22.84     | 22.55     |
|           | DFT_QPSK   | 1@131            | LOW          | 23.00                       | 22.75                | 22.82     | 22.66     |
|           | DFT_QAM16  | 1@1              | LOW          | 22.00                       | 21.94                | 21.69     | 21.63     |
|           | DFT_QAM64  | 1@1              | LOW          | 20.50                       | 20.37                | 20.39     | 19.99     |
|           | DFT_QAM256 | 1@1              | LOW          | 18.50                       | 18.34                | 18.07     | 18.21     |
| CP_QPSK   | 1@1        | LOW              | 21.50        | 21.33                       | 21.21                | 21.08     |           |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 640000               | 641666    | 643332    |
|           |            |                  |              |                             | 3600.0MHz            | 3625.0MHz | 3650.0MHz |
| 100MHz    | DFT_BPSK   | 1@1              | LOW          | 23.00                       | 22.89                | 22.70     | 22.75     |
|           | DFT_QPSK   | 270@0            | LOW          | 22.00                       | 21.91                | 21.77     | 21.86     |
|           | DFT_QPSK   | 135@67           | LOW          | 23.00                       | 22.73                | 22.71     | 22.78     |
|           | DFT_QPSK   | 1@1              | LOW          | 23.00                       | 22.81                | 22.67     | 22.82     |
|           | DFT_QPSK   | 1@271            | LOW          | 23.00                       | 22.79                | 22.78     | 22.72     |
|           | DFT_QAM16  | 1@1              | LOW          | 22.00                       | 21.78                | 21.90     | 21.47     |
|           | DFT_QAM64  | 1@1              | LOW          | 20.50                       | 20.47                | 20.20     | 20.03     |
|           | DFT_QAM256 | 1@1              | LOW          | 18.50                       | 18.24                | 18.22     | 17.91     |
| CP_QPSK   | 1@1        | LOW              | 21.50        | 21.30                       | 21.38                | 21.39     |           |

### 11.1.23 Conducted Power of NR n66

| NR n66    |            |               |           |                      | Conducted Power(dBm) |           |           |
|-----------|------------|---------------|-----------|----------------------|----------------------|-----------|-----------|
| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 343000               | 349000    | 355000    |
|           |            |               |           |                      | 1715.0MHz            | 1745.0MHz | 1775.0MHz |
| 10MHz     | DFT_BPSK   | 1@1           | LOW       | 24.00                | 23.76                | 23.78     | 23.98     |
|           | DFT_QPSK   | 24@0          | LOW       | 23.00                | 22.78                | 22.69     | 22.82     |
|           | DFT_QPSK   | 12@6          | LOW       | 24.00                | 23.72                | 23.70     | 23.80     |
|           | DFT_QPSK   | 1@1           | LOW       | 24.00                | 23.93                | 23.77     | 23.81     |
|           | DFT_QPSK   | 1@22          | LOW       | 24.00                | 23.66                | 23.61     | 23.89     |
|           | DFT_QAM16  | 1@1           | LOW       | 23.00                | 22.98                | 22.85     | 22.76     |
|           | DFT_QAM64  | 1@1           | LOW       | 21.50                | 21.27                | 20.83     | 21.23     |
|           | DFT_QAM256 | 1@1           | LOW       | 19.50                | 19.05                | 19.48     | 19.30     |
|           | CP_QPSK    | 1@1           | LOW       | 23.00                | 22.35                | 22.65     | 22.55     |
| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 344000               | 349000    | 354000    |
|           |            |               |           |                      | 1720.0MHz            | 1745.0MHz | 1770.0MHz |
| 20MHz     | DFT_BPSK   | 1@1           | LOW       | 24.00                | 23.51                | 23.57     | 23.42     |
|           | DFT_QPSK   | 50@0          | LOW       | 23.00                | 22.58                | 22.59     | 22.68     |
|           | DFT_QPSK   | 25@12         | LOW       | 24.00                | 23.61                | 23.63     | 23.75     |
|           | DFT_QPSK   | 1@1           | LOW       | 24.00                | 23.59                | 23.52     | 23.50     |
|           | DFT_QPSK   | 1@49          | LOW       | 24.00                | 23.41                | 23.44     | 23.73     |
|           | DFT_QAM16  | 1@1           | LOW       | 23.00                | 22.90                | 22.67     | 22.79     |
|           | DFT_QAM64  | 1@1           | LOW       | 21.50                | 21.36                | 21.13     | 21.17     |
|           | DFT_QAM256 | 1@1           | LOW       | 19.50                | 19.38                | 18.98     | 19.06     |
|           | CP_QPSK    | 1@1           | LOW       | 22.50                | 22.16                | 21.91     | 22.12     |
| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 346000               | 349000    | 352000    |
|           |            |               |           |                      | 1730.0MHz            | 1745.0MHz | 1760.0MHz |
| 40MHz     | DFT_BPSK   | 1@1           | LOW       | 24.00                | 23.78                | 23.71     | 23.60     |
|           | DFT_QPSK   | 100@0         | LOW       | 23.00                | 22.63                | 22.67     | 22.68     |
|           | DFT_QPSK   | 50@25         | LOW       | 24.00                | 23.69                | 23.73     | 23.75     |
|           | DFT_QPSK   | 1@1           | LOW       | 24.00                | 23.72                | 23.61     | 23.64     |
|           | DFT_QPSK   | 1@104         | LOW       | 24.00                | 23.53                | 23.68     | 23.91     |
|           | DFT_QAM16  | 1@1           | LOW       | 23.00                | 22.67                | 22.70     | 22.73     |
|           | DFT_QAM64  | 1@1           | LOW       | 21.50                | 21.20                | 21.33     | 21.39     |
|           | DFT_QAM256 | 1@1           | LOW       | 19.50                | 19.18                | 19.40     | 19.35     |
|           | CP_QPSK    | 1@1           | LOW       | 22.50                | 22.02                | 22.15     | 22.19     |

### 11.1.24 Conducted Power of NR n77(3450-3550)

| NR n77    |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |                     |                     |
|-----------|------------|------------------|--------------|-----------------------------|----------------------|---------------------|---------------------|
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset |                             | 630334<br>3455.0MHz  | 633334<br>3500.0MHz | 636332<br>3545.0MHz |
| 10MHz     | DFT_BPSK   | 1@1              | LOW          | 26.00                       | 25.48                | 25.92               | 25.63               |
|           | DFT_QPSK   | 24@0             | LOW          | 25.00                       | 24.66                | 24.93               | 24.46               |
|           | DFT_QPSK   | 12@6             | LOW          | 26.00                       | 25.60                | 25.90               | 25.45               |
|           | DFT_QPSK   | 1@1              | LOW          | 26.00                       | 25.44                | 25.95               | 25.68               |
|           | DFT_QPSK   | 1@22             | LOW          | 26.00                       | 25.68                | 25.92               | 25.59               |
|           | DFT_QAM16  | 1@1              | LOW          | 25.50                       | 24.46                | 25.01               | 24.48               |
|           | DFT_QAM64  | 1@1              | LOW          | 23.50                       | 23.48                | 23.32               | 23.24               |
|           | DFT_QAM256 | 1@1              | LOW          | 22.00                       | 20.95                | 21.60               | 21.12               |
|           | CP_QPSK    | 1@1              | LOW          | 24.50                       | 23.98                | 24.35               | 24.19               |
| 50MHz     | DFT_BPSK   | 1@1              | LOW          | 26.00                       | 25.47                | 25.82               | 25.85               |
|           | DFT_QPSK   | 128@0            | LOW          | 25.50                       | 25.03                | 24.96               | 24.76               |
|           | DFT_QPSK   | 64@32            | LOW          | 26.50                       | 26.04                | 26.10               | 25.77               |
|           | DFT_QPSK   | 1@1              | LOW          | 26.50                       | 25.44                | 26.16               | 25.91               |
|           | DFT_QPSK   | 1@131            | LOW          | 26.00                       | 25.89                | 25.61               | 25.48               |
|           | DFT_QAM16  | 1@1              | LOW          | 25.50                       | 24.50                | 24.84               | 25.06               |
|           | DFT_QAM64  | 1@1              | LOW          | 24.00                       | 23.10                | 23.83               | 23.32               |
|           | DFT_QAM256 | 1@1              | LOW          | 21.50                       | 21.14                | 21.34               | 21.50               |
|           | CP_QPSK    | 1@1              | LOW          | 25.00                       | 24.06                | 24.33               | 24.65               |
| 100MHz    | DFT_BPSK   | 1@1              | LOW          | 26.00                       | 633334               |                     |                     |
|           | DFT_QPSK   | 270@0            | LOW          | 25.00                       | 3500.0MHz            |                     |                     |
|           | DFT_QPSK   | 135@67           | LOW          | 26.00                       |                      |                     |                     |
|           | DFT_QPSK   | 1@1              | LOW          | 26.00                       |                      |                     |                     |
|           | DFT_QPSK   | 1@271            | LOW          | 26.00                       |                      |                     |                     |
|           | DFT_QAM16  | 1@1              | LOW          | 25.00                       |                      |                     |                     |
|           | DFT_QAM64  | 1@1              | LOW          | 23.50                       |                      |                     |                     |
|           | DFT_QAM256 | 1@1              | LOW          | 21.50                       |                      |                     |                     |
|           | CP_QPSK    | 1@1              | LOW          | 24.50                       |                      |                     |                     |

### 11.1.25 Conducted Power of NR n77(3550-3700)

| NR n77    |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |           |           |
|-----------|------------|------------------|--------------|-----------------------------|----------------------|-----------|-----------|
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset |                             | 637000               | 641666    | 646332    |
|           |            |                  |              |                             | 3560.0MHz            | 3625.0MHz | 3695.0MHz |
| 10MHz     | DFT_BPSK   | 1@1              | LOW          | 25.50                       | 25.50                | 25.36     | 24.99     |
|           | DFT_QPSK   | 24@0             | LOW          | 24.50                       | 24.37                | 24.30     | 23.92     |
|           | DFT_QPSK   | 12@6             | LOW          | 25.50                       | 25.39                | 25.35     | 25.07     |
|           | DFT_QPSK   | 1@1              | LOW          | 25.50                       | 25.49                | 25.25     | 24.97     |
|           | DFT_QPSK   | 1@22             | LOW          | 26.00                       | 25.55                | 25.13     | 24.92     |
|           | DFT_QAM16  | 1@1              | LOW          | 24.50                       | 24.37                | 23.86     | 23.85     |
|           | DFT_QAM64  | 1@1              | LOW          | 23.50                       | 23.17                | 22.96     | 22.61     |
|           | DFT_QAM256 | 1@1              | LOW          | 21.50                       | 21.04                | 21.10     | 20.39     |
|           | CP_QPSK    | 1@1              | LOW          | 24.50                       | 24.14                | 23.59     | 23.61     |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 638334               | 641666    | 645000    |
|           |            |                  |              |                             | 3575.0MHz            | 3625.0MHz | 3675.0MHz |
| 50MHz     | DFT_BPSK   | 1@1              | LOW          | 25.50                       | 25.38                | 25.38     | 25.35     |
|           | DFT_QPSK   | 128@0            | LOW          | 25.00                       | 24.58                | 24.51     | 24.09     |
|           | DFT_QPSK   | 64@32            | LOW          | 26.00                       | 25.61                | 25.48     | 25.05     |
|           | DFT_QPSK   | 1@1              | LOW          | 25.50                       | 25.34                | 25.38     | 25.28     |
|           | DFT_QPSK   | 1@131            | LOW          | 25.50                       | 25.43                | 25.30     | 25.08     |
|           | DFT_QAM16  | 1@1              | LOW          | 25.00                       | 24.54                | 24.25     | 24.35     |
|           | DFT_QAM64  | 1@1              | LOW          | 23.00                       | 22.83                | 22.78     | 22.94     |
|           | DFT_QAM256 | 1@1              | LOW          | 21.50                       | 21.02                | 20.76     | 21.07     |
|           | CP_QPSK    | 1@1              | LOW          | 24.50                       | 24.17                | 23.88     | 23.87     |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 640000               | 641666    | 643332    |
|           |            |                  |              |                             | 3600.0MHz            | 3625.0MHz | 3650.0MHz |
| 100MHz    | DFT_BPSK   | 1@1              | LOW          | 25.50                       | 25.33                | 25.45     | 25.47     |
|           | DFT_QPSK   | 270@0            | LOW          | 24.50                       | 24.41                | 24.40     | 24.32     |
|           | DFT_QPSK   | 135@67           | LOW          | 25.50                       | 25.49                | 25.45     | 25.30     |
|           | DFT_QPSK   | 1@1              | LOW          | 25.50                       | 25.36                | 25.39     | 25.50     |
|           | DFT_QPSK   | 1@271            | LOW          | 25.50                       | 25.33                | 24.96     | 25.19     |
|           | DFT_QAM16  | 1@1              | LOW          | 25.00                       | 24.37                | 24.65     | 24.54     |
|           | DFT_QAM64  | 1@1              | LOW          | 23.50                       | 23.02                | 23.02     | 22.92     |
|           | DFT_QAM256 | 1@1              | LOW          | 21.50                       | 21.08                | 20.99     | 20.71     |
|           | CP_QPSK    | 1@1              | LOW          | 24.00                       | 23.87                | 23.95     | 23.88     |

### 11.1.26 Conducted Power of NR n77(3700-3980)

| NR n77    |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |                     |                     |
|-----------|------------|------------------|--------------|-----------------------------|----------------------|---------------------|---------------------|
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset |                             | 647000<br>3705.0MHz  | 656000<br>3890.0MHz | 665000<br>3975.0MHz |
| 10MHz     | DFT_BPSK   | 1@1              | LOW          | 25.50                       | 24.95                | 25.41               | 25.41               |
|           | DFT_QPSK   | 24@0             | LOW          | 24.50                       | 23.84                | 24.39               | 24.29               |
|           | DFT_QPSK   | 12@6             | LOW          | 25.50                       | 24.84                | 25.45               | 25.29               |
|           | DFT_QPSK   | 1@1              | LOW          | 25.50                       | 24.95                | 25.40               | 25.30               |
|           | DFT_QPSK   | 1@22             | LOW          | 25.50                       | 25.01                | 25.46               | 25.31               |
|           | DFT_QAM16  | 1@1              | LOW          | 24.50                       | 24.04                | 24.50               | 23.71               |
|           | DFT_QAM64  | 1@1              | LOW          | 23.50                       | 22.18                | 23.07               | 23.04               |
|           | DFT_QAM256 | 1@1              | LOW          | 21.50                       | 20.50                | 21.06               | 20.98               |
|           | CP_QPSK    | 1@1              | LOW          | 24.50                       | 23.44                | 23.91               | 24.17               |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 648334<br>3725.0MHz  | 656000<br>3890.0MHz | 663666<br>3955.0MHz |
| 50MHz     | DFT_BPSK   | 1@1              | LOW          | 25.50                       | 24.91                | 25.30               | 25.23               |
|           | DFT_QPSK   | 128@0            | LOW          | 25.00                       | 24.24                | 24.57               | 24.38               |
|           | DFT_QPSK   | 64@32            | LOW          | 26.00                       | 25.30                | 25.58               | 25.40               |
|           | DFT_QPSK   | 1@1              | LOW          | 25.50                       | 25.02                | 25.20               | 25.32               |
|           | DFT_QPSK   | 1@131            | LOW          | 25.50                       | 25.43                | 25.36               | 25.35               |
|           | DFT_QAM16  | 1@1              | LOW          | 24.50                       | 23.90                | 24.38               | 24.07               |
|           | DFT_QAM64  | 1@1              | LOW          | 23.00                       | 22.68                | 22.82               | 22.69               |
|           | DFT_QAM256 | 1@1              | LOW          | 21.00                       | 20.32                | 20.93               | 20.61               |
|           | CP_QPSK    | 1@1              | LOW          | 24.00                       | 23.41                | 23.76               | 23.47               |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 650000<br>3750.0MHz  | 656000<br>3890.0MHz | 662000<br>3930.0MHz |
| 100MHz    | DFT_BPSK   | 1@1              | LOW          | 26.00                       | 25.09                | 25.39               | 25.58               |
|           | DFT_QPSK   | 270@0            | LOW          | 25.00                       | 24.34                | 24.51               | 24.39               |
|           | DFT_QPSK   | 135@67           | LOW          | 25.50                       | 25.35                | 25.50               | 25.28               |
|           | DFT_QPSK   | 1@1              | LOW          | 25.50                       | 25.05                | 25.19               | 25.23               |
|           | DFT_QPSK   | 1@271            | LOW          | 26.00                       | 25.50                | 25.59               | 25.34               |
|           | DFT_QAM16  | 1@1              | LOW          | 25.00                       | 24.19                | 24.23               | 24.88               |
|           | DFT_QAM64  | 1@1              | LOW          | 23.00                       | 22.68                | 22.91               | 22.97               |
|           | DFT_QAM256 | 1@1              | LOW          | 21.50                       | 20.76                | 20.97               | 21.13               |
|           | CP_QPSK    | 1@1              | LOW          | 24.50                       | 23.54                | 24.01               | 23.55               |

### 11.1.27 Conducted Power of NR n78(3450-3550)

| NR n78    |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |                     |                     |
|-----------|------------|------------------|--------------|-----------------------------|----------------------|---------------------|---------------------|
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset |                             | 630334<br>3455.0MHz  | 633334<br>3500.0MHz | 636332<br>3545.0MHz |
| 10MHz     | DFT_BPSK   | 1@1              | LOW          | 26.50                       | 25.81                | 26.22               | 25.77               |
|           | DFT_QPSK   | 24@0             | LOW          | 25.50                       | 25.00                | 25.18               | 24.71               |
|           | DFT_QPSK   | 12@6             | LOW          | 26.50                       | 25.88                | 26.16               | 25.66               |
|           | DFT_QPSK   | 1@1              | LOW          | 26.50                       | 25.80                | 26.39               | 25.76               |
|           | DFT_QPSK   | 1@22             | LOW          | 27.00                       | 26.71                | 26.34               | 25.69               |
|           | DFT_QAM16  | 1@1              | LOW          | 25.50                       | 24.89                | 25.17               | 24.29               |
|           | DFT_QAM64  | 1@1              | LOW          | 24.00                       | 23.34                | 23.96               | 23.45               |
|           | DFT_QAM256 | 1@1              | LOW          | 22.00                       | 21.61                | 21.83               | 21.61               |
|           | CP_QPSK    | 1@1              | LOW          | 25.00                       | 24.37                | 24.79               | 24.62               |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 631668<br>3475.0MHz  | 633334<br>3500.0MHz | 635000<br>3525.0MHz |
| 50MHz     | DFT_BPSK   | 1@1              | LOW          | 26.50                       | 25.79                | 26.14               | 26.13               |
|           | DFT_QPSK   | 128@0            | LOW          | 25.50                       | 25.24                | 25.23               | 24.95               |
|           | DFT_QPSK   | 64@32            | LOW          | 26.50                       | 26.34                | 26.29               | 25.96               |
|           | DFT_QPSK   | 1@1              | LOW          | 26.50                       | 26.16                | 26.22               | 26.15               |
|           | DFT_QPSK   | 1@131            | LOW          | 26.50                       | 26.44                | 25.85               | 25.67               |
|           | DFT_QAM16  | 1@1              | LOW          | 25.50                       | 24.75                | 25.29               | 25.04               |
|           | DFT_QAM64  | 1@1              | LOW          | 24.00                       | 23.79                | 23.65               | 23.66               |
|           | DFT_QAM256 | 1@1              | LOW          | 22.00                       | 21.30                | 21.79               | 21.62               |
|           | CP_QPSK    | 1@1              | LOW          | 25.50                       | 24.27                | 25.01               | 24.78               |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 633334<br>3500.0MHz  |                     |                     |
| 100MHz    | DFT_BPSK   | 1@1              | LOW          | 26.00                       |                      | 25.80               |                     |
|           | DFT_QPSK   | 270@0            | LOW          | 25.50                       |                      | 25.01               |                     |
|           | DFT_QPSK   | 135@67           | LOW          | 26.50                       |                      | 26.13               |                     |
|           | DFT_QPSK   | 1@1              | LOW          | 26.00                       |                      | 25.81               |                     |
|           | DFT_QPSK   | 1@271            | LOW          | 26.00                       |                      | 25.71               |                     |
|           | DFT_QAM16  | 1@1              | LOW          | 25.00                       |                      | 24.97               |                     |
|           | DFT_QAM64  | 1@1              | LOW          | 24.00                       |                      | 23.60               |                     |
|           | DFT_QAM256 | 1@1              | LOW          | 22.00                       |                      | 21.68               |                     |
|           | CP_QPSK    | 1@1              | LOW          | 25.00                       |                      | 24.54               |                     |

### 11.1.28 Conducted Power of NR n78(3550-3700)

| NR n78    |            |               |           |                      | Conducted Power(dBm) |           |           |
|-----------|------------|---------------|-----------|----------------------|----------------------|-----------|-----------|
| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 637000               | 641666    | 646332    |
|           |            |               |           |                      | 3560.0MHz            | 3625.0MHz | 3695.0MHz |
| 10MHz     | DFT_BPSK   | 1@1           | LOW       | 26.00                | 25.58                | 25.61     | 25.27     |
|           | DFT_QPSK   | 24@0          | LOW       | 25.00                | 24.63                | 24.61     | 24.13     |
|           | DFT_QPSK   | 12@6          | LOW       | 26.00                | 25.62                | 25.60     | 25.17     |
|           | DFT_QPSK   | 1@1           | LOW       | 26.00                | 25.67                | 25.58     | 25.38     |
|           | DFT_QPSK   | 1@22          | LOW       | 26.00                | 25.78                | 25.47     | 25.10     |
|           | DFT_QAM16  | 1@1           | LOW       | 24.50                | 24.47                | 24.44     | 24.09     |
|           | DFT_QAM64  | 1@1           | LOW       | 23.50                | 23.47                | 23.17     | 22.50     |
|           | DFT_QAM256 | 1@1           | LOW       | 21.50                | 21.15                | 21.17     | 20.37     |
|           | CP_QPSK    | 1@1           | LOW       | 24.50                | 24.30                | 24.49     | 23.74     |
| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 638334               | 641666    | 645000    |
|           |            |               |           |                      | 3575.0MHz            | 3625.0MHz | 3675.0MHz |
| 50MHz     | DFT_BPSK   | 1@1           | LOW       | 26.00                | 25.68                | 25.57     | 25.45     |
|           | DFT_QPSK   | 128@0         | LOW       | 25.00                | 24.80                | 24.63     | 24.28     |
|           | DFT_QPSK   | 64@32         | LOW       | 26.00                | 25.77                | 25.65     | 25.30     |
|           | DFT_QPSK   | 1@1           | LOW       | 26.00                | 25.63                | 25.59     | 25.40     |
|           | DFT_QPSK   | 1@131         | LOW       | 26.00                | 25.68                | 25.47     | 25.24     |
|           | DFT_QAM16  | 1@1           | LOW       | 25.00                | 24.72                | 24.58     | 24.64     |
|           | DFT_QAM64  | 1@1           | LOW       | 23.50                | 23.38                | 23.29     | 22.97     |
|           | DFT_QAM256 | 1@1           | LOW       | 21.50                | 21.49                | 21.24     | 20.94     |
|           | CP_QPSK    | 1@1           | LOW       | 24.50                | 24.32                | 24.19     | 23.90     |
| Bandwidth | Modulation | RB allocation | RB offset | Maximum Tune-up(dBm) | 640000               | 641666    | 641332    |
|           |            |               |           |                      | 3600.0MHz            | 3625.0MHz | 3650.0MHz |
| 100MHz    | DFT_BPSK   | 1@1           | LOW       | 26.00                | 25.68                | 25.67     | 25.60     |
|           | DFT_QPSK   | 128@0         | LOW       | 25.00                | 24.78                | 24.60     | 24.57     |
|           | DFT_QPSK   | 64@32         | LOW       | 26.00                | 25.74                | 25.68     | 25.47     |
|           | DFT_QPSK   | 1@1           | LOW       | 26.00                | 25.80                | 25.66     | 25.70     |
|           | DFT_QPSK   | 1@131         | LOW       | 26.00                | 25.73                | 25.22     | 25.36     |
|           | DFT_QAM16  | 1@1           | LOW       | 25.00                | 24.78                | 24.69     | 24.58     |
|           | DFT_QAM64  | 1@1           | LOW       | 24.00                | 23.15                | 23.32     | 23.52     |
|           | DFT_QAM256 | 1@1           | LOW       | 21.50                | 21.00                | 21.35     | 21.07     |
|           | CP_QPSK    | 1@1           | LOW       | 24.50                | 24.18                | 24.20     | 24.12     |

### 11.1.29 Conducted Power of NR n78(3700-3800)

| NR n78    |            |                  |              | Maximum<br>Tune-<br>up(dBm) | Conducted Power(dBm) |           |           |
|-----------|------------|------------------|--------------|-----------------------------|----------------------|-----------|-----------|
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset |                             | 647000               | 650000    | 653000    |
|           |            |                  |              |                             | 3705.0MHz            | 3750.0MHz | 3795.0MHz |
| 10MHz     | DFT_BPSK   | 1@1              | LOW          | 26.00                       | 25.10                | 25.60     | 25.62     |
|           | DFT_QPSK   | 24@0             | LOW          | 24.50                       | 24.09                | 24.44     | 24.44     |
|           | DFT_QPSK   | 12@6             | LOW          | 25.50                       | 25.14                | 25.46     | 25.45     |
|           | DFT_QPSK   | 1@1              | LOW          | 26.00                       | 25.00                | 25.62     | 25.62     |
|           | DFT_QPSK   | 1@22             | LOW          | 26.00                       | 25.03                | 25.67     | 25.76     |
|           | DFT_QAM16  | 1@1              | LOW          | 25.00                       | 24.02                | 24.35     | 24.67     |
|           | DFT_QAM64  | 1@1              | LOW          | 23.50                       | 22.56                | 22.72     | 23.15     |
|           | DFT_QAM256 | 1@1              | LOW          | 21.50                       | 20.61                | 20.71     | 21.27     |
|           | CP_QPSK    | 1@1              | LOW          | 24.50                       | 23.87                | 23.69     | 24.15     |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 648334               | 650000    | 651666    |
|           |            |                  |              |                             | 3725.0MHz            | 3750.0MHz | 3775.0MHz |
| 50MHz     | DFT_BPSK   | 1@1              | LOW          | 25.50                       | 25.12                | 25.47     | 25.38     |
|           | DFT_QPSK   | 128@0            | LOW          | 25.00                       | 24.42                | 24.60     | 24.55     |
|           | DFT_QPSK   | 64@32            | LOW          | 26.00                       | 25.47                | 25.55     | 25.61     |
|           | DFT_QPSK   | 1@1              | LOW          | 25.50                       | 25.09                | 25.34     | 25.44     |
|           | DFT_QPSK   | 1@131            | LOW          | 26.00                       | 25.40                | 25.57     | 25.64     |
|           | DFT_QAM16  | 1@1              | LOW          | 25.00                       | 24.09                | 24.63     | 24.56     |
|           | DFT_QAM64  | 1@1              | LOW          | 23.00                       | 22.72                | 22.97     | 22.84     |
|           | DFT_QAM256 | 1@1              | LOW          | 21.00                       | 20.74                | 20.96     | 20.79     |
|           | CP_QPSK    | 1@1              | LOW          | 24.00                       | 23.60                | 23.69     | 23.86     |
| Bandwidth | Modulation | RB<br>allocation | RB<br>offset | Maximum<br>Tune-<br>up(dBm) | 650000               |           |           |
|           |            |                  |              |                             | 3750.0MHz            |           |           |
| 100MHz    | DFT_BPSK   | 1@1              | LOW          | 25.50                       |                      | 25.17     |           |
|           | DFT_QPSK   | 270@0            | LOW          | 25.00                       |                      | 24.56     |           |
|           | DFT_QPSK   | 135@67           | LOW          | 26.00                       |                      | 25.63     |           |
|           | DFT_QPSK   | 1@1              | LOW          | 25.50                       |                      | 25.22     |           |
|           | DFT_QPSK   | 1@271            | LOW          | 26.00                       |                      | 25.64     |           |
|           | DFT_QAM16  | 1@1              | LOW          | 24.50                       |                      | 24.18     |           |
|           | DFT_QAM64  | 1@1              | LOW          | 23.00                       |                      | 22.69     |           |
|           | DFT_QAM256 | 1@1              | LOW          | 21.00                       |                      | 20.82     |           |
|           | CP_QPSK    | 1@1              | LOW          | 24.00                       |                      | 23.87     |           |

### 11.1.30 Conducted Power of Wi-Fi 2.4G

| Mode                   | 802.11b        |         |          | Tune-up(dBm) |
|------------------------|----------------|---------|----------|--------------|
| Channel/Frequency(MHz) | 1(2412)        | 6(2437) | 11(2462) | 19.50        |
| Average Power(dBm)     | 18.67          | 19.08   | 19.04    |              |
| Mode                   | 802.11g        |         |          |              |
| Channel/Frequency(MHz) | 1(2412)        | 6(2437) | 11(2462) | 22.50        |
| Average Power(dBm)     | 21.60          | 22.03   | 22.21    |              |
| Mode                   | 802.11n(HT20)  |         |          |              |
| Channel/Frequency(MHz) | 1(2412)        | 6(2437) | 11(2462) | 22.50        |
| Average Power(dBm)     | 21.62          | 22.23   | 22.38    |              |
| Mode                   | 802.11n(HT40)  |         |          |              |
| Channel/Frequency(MHz) | 3(2422)        | 6(2437) | 9 (2452) | 22.50        |
| Average Power(dBm)     | 21.74          | 22.08   | 22.03    |              |
| Mode                   | 802.11ax(HT20) |         |          |              |
| Channel/Frequency(MHz) | 1(2412)        | 6(2437) | 11(2462) | 22.50        |
| Average Power(dBm)     | 22.05          | 22.37   | 22.43    |              |
| Mode                   | 802.11ax(HT40) |         |          |              |
| Channel/Frequency(MHz) | 3(2422)        | 6(2437) | 9(2452)  | 22.50        |
| Average Power(dBm)     | 22.16          | 22.36   | 22.41    |              |

### 11.1.31 Conducted Power of Wi-Fi 5G

| Band                    | Mode           | Channel | Frequency(MHz) | Tune-up(dBm) | Average Power(dBm) | SAR Test(Yes/No) |
|-------------------------|----------------|---------|----------------|--------------|--------------------|------------------|
| U-NII-1<br>(5150-5250)  | 802.11a        | 36      | 5180           | 16.50        | 16.34              | Yes              |
|                         |                | 48      | 5240           | 15.50        | 15.26              | No               |
|                         | 802.11n-HT20   | 36      | 5180           | 16.50        | 16.13              | No               |
|                         |                | 48      | 5240           | 15.50        | 15.47              | No               |
|                         | 802.11n-HT40   | 38      | 5190           | 15.00        | 14.90              | No               |
|                         |                | 46      | 5230           | 15.00        | 14.56              | No               |
|                         | 802.11ac-VHT20 | 36      | 5180           | 16.00        | 15.81              | No               |
|                         |                | 48      | 5240           | 15.00        | 14.67              | No               |
|                         | 802.11ac-VHT40 | 38      | 5190           | 14.50        | 14.49              | No               |
|                         |                | 46      | 5230           | 14.50        | 14.48              | No               |
|                         | 802.11ac-VHT80 | 42      | 5210           | 13.50        | 13.34              | No               |
|                         |                | 36      | 5180           | 15.00        | 14.51              | No               |
|                         | 802.11ax-HT20  | 48      | 5240           | 14.00        | 13.64              | No               |
|                         |                | 38      | 5190           | 14.50        | 14.31              | No               |
| U-NII-2a<br>(5250-5350) | 802.11a        | 52      | 5260           | 16.00        | 15.66              | No               |
|                         |                | 64      | 5320           | 15.00        | 14.90              | No               |
|                         | 802.11n-HT20   | 52      | 5260           | 16.00        | 15.78              | Yes              |
|                         |                | 64      | 5320           | 15.00        | 14.54              | No               |
|                         | 802.11n-HT40   | 54      | 5270           | 14.50        | 14.28              | No               |
|                         |                | 62      | 5310           | 14.00        | 13.72              | No               |
|                         | 802.11ac-VHT20 | 52      | 5260           | 15.50        | 15.17              | No               |
|                         |                | 64      | 5320           | 14.50        | 14.31              | No               |
|                         | 802.11ac-VHT40 | 54      | 5270           | 14.50        | 14.22              | No               |
|                         |                | 62      | 5310           | 14.00        | 13.79              | No               |
|                         | 802.11ac-VHT80 | 58      | 5290           | 13.00        | 12.88              | No               |
|                         |                | 52      | 5260           | 14.50        | 14.16              | No               |
|                         | 802.11ax-HT20  | 64      | 5320           | 13.00        | 12.97              | No               |
|                         |                | 54      | 5270           | 14.00        | 13.69              | No               |
|                         | 802.11ax-HT40  | 62      | 5310           | 13.50        | 13.01              | No               |
|                         |                | 58      | 5290           | 12.50        | 12.48              | No               |

| Band                    | Mode            | Channel | Frequency (MHz) | Tune-up(dBm) | Average Power(dBm) | SAR Test(Yes/No) |
|-------------------------|-----------------|---------|-----------------|--------------|--------------------|------------------|
| U-NII-2c<br>(5470-5725) | 802.11a         | 100     | 5500            | 15.00        | 14.86              | No               |
|                         |                 | 140     | 5700            | 15.00        | 14.99              | No               |
|                         | 802.11n-HT20    | 100     | 5500            | 15.00        | 14.83              | No               |
|                         |                 | 140     | 5700            | 15.00        | 14.85              | Yes              |
|                         | 802.11n-HT40    | 102     | 5510            | 13.50        | 13.34              | No               |
|                         |                 | 134     | 5670            | 14.00        | 13.52              | No               |
|                         | 802.11ac-VHT20  | 100     | 5500            | 14.50        | 14.22              | No               |
|                         |                 | 140     | 5700            | 14.50        | 14.16              | No               |
|                         | 802.11ac-VHT40  | 102     | 5510            | 13.50        | 13.31              | No               |
|                         |                 | 134     | 5670            | 14.00        | 13.57              | No               |
|                         | 802.11ac-VHT80  | 106     | 5530            | 12.50        | 12.24              | No               |
|                         |                 | 122     | 5610            | 12.50        | 12.24              | No               |
|                         | 802.11ax-HT20   | 100     | 5500            | 13.50        | 13.15              | No               |
|                         |                 | 140     | 5700            | 13.00        | 12.85              | No               |
|                         | 802.11ax-HT40   | 102     | 5510            | 13.00        | 12.88              | No               |
|                         |                 | 134     | 5670            | 13.50        | 13.19              | No               |
|                         | 802.11ax-HT80   | 106     | 5530            | 12.50        | 12.31              | No               |
|                         |                 | 122     | 5610            | 12.50        | 12.06              | No               |
|                         | 802.11ax- HT160 | 114     | 5570            | 11.50        | 11.49              | No               |
| Band                    | Mode            | Channel | Frequency (MHz) | Tune-up(dBm) | Average Powe(dBm)  | SAR Test(Yes/No) |
| U-NII-3<br>(5725-5825)  | 802.11a         | 149     | 5745            | 16.00        | 15.99              | No               |
|                         |                 | 165     | 5825            | 16.50        | 16.32              | No               |
|                         | 802.11n-HT20    | 149     | 5745            | 16.00        | 15.81              | No               |
|                         |                 | 165     | 5825            | 16.50        | 16.41              | Yes              |
|                         | 802.11n-HT40    | 151     | 5755            | 15.00        | 14.67              | No               |
|                         |                 | 159     | 5795            | 15.00        | 14.93              | No               |
|                         | 802.11ac-VHT20  | 149     | 5745            | 15.50        | 15.30              | No               |
|                         |                 | 165     | 5825            | 15.50        | 15.47              | No               |
|                         | 802.11ac-VHT40  | 151     | 5755            | 15.50        | 15.19              | No               |
|                         |                 | 159     | 5795            | 15.50        | 15.09              | No               |
|                         | 802.11ac-VHT80  | 155     | 5775            | 14.00        | 13.88              | No               |
|                         |                 | 149     | 5745            | 14.00        | 13.64              | No               |
|                         | 802.11ax-HT20   | 165     | 5825            | 15.00        | 14.96              | No               |
|                         |                 | 151     | 5755            | 14.50        | 14.34              | No               |
|                         | 802.11ax-HT40   | 151     | 5755            | 14.50        | 14.34              | No               |
|                         |                 | 159     | 5795            | 15.00        | 14.84              | No               |
| 802.11ax-HT80           | 155             | 5775    | 14.00           | 13.75        | No                 |                  |

### 11.1.32 Conducted Power of BT

| EDR | Mode    | Maximum Tune-up(dBm) | Average Conducted Output Power (dBm) |         |         |
|-----|---------|----------------------|--------------------------------------|---------|---------|
|     |         |                      | 0                                    | 39      | 78      |
|     |         |                      | 2402MHz                              | 2441MHz | 2480MHz |
|     |         |                      |                                      |         |         |
|     | GFSK    | 7.50                 | 7.39                                 | 7.48    | 6.88    |
|     | π/4QPSK | 7.50                 | 6.88                                 | 7.28    | 6.25    |
|     | 8DPSK   | 8.00                 | 7.21                                 | 7.64    | 6.57    |
| BLE | Mode    | Maximum Tune-up(dBm) | Average Conducted Output Power (dBm) |         |         |
|     |         |                      | 0                                    | 19      | 39      |
|     |         |                      | 2402MHz                              | 2440MHz | 2480MHz |
|     |         |                      |                                      |         |         |
|     | 1Mbps   | -2.00                | -2.34                                | -2.49   | -2.49   |
|     | 2Mbps   | -2.00                | -2.78                                | -2.77   | -2.25   |

Note-

- Per KDB 447498 D04 Interim General RF Exposure Guidance v01, the 1-g SAR test exclusion thresholds for 300 MHz to 6 GHz at test separation distances  $\leq 40$  cm are determined by:

$$P_{th} \text{ (mW)} = ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases} \quad (\text{B.1})$$

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases} \quad (\text{B.2})$$

where

$$x = -\log_{10} \left( \frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right)$$

and  $f$  is in GHz,  $d$  is the separation distance (cm), and  $ERP_{20 \text{ cm}}$  is per Formula (B.1).

- \*When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine estimated SAR.
- Per KDB 248227 D01 v02r02, choose the highest output power channel to test SAR and determine further SAR exclusion.
  - The output power of all data rate were prescan, just the worst case (the lowest data rate) of all mode were shown in report.

## 11.2 Tune-up power tolerance

| Band               | Tune-up power tolerance(dBm) |          |                                  |
|--------------------|------------------------------|----------|----------------------------------|
| GSM850             | GSM/GPRS (GMSK)              | GSM      | Max Tune-up power =35.00 ±1.0dBm |
|                    |                              | 1TXslots | Max Tune-up power =35.00 ±1.0dBm |
|                    |                              | 2TXslots | Max Tune-up power =34.00 ±1.0dBm |
|                    |                              | 3TXslots | Max Tune-up power =32.50 ±1.0dBm |
|                    | EGPRS (8-PSK)                | 4TXslots | Max Tune-up power =31.00 ±1.0dBm |
|                    |                              | 1TXslots | Max Tune-up power =34.50 ±1.0dBm |
|                    |                              | 2TXslots | Max Tune-up power =34.00 ±1.0dBm |
|                    |                              | 3TXslots | Max Tune-up power =34.00 ±1.0dBm |
| GSM1900            | GSM/GPRS (GMSK)              | 4TXslots | Max Tune-up power =34.00 ±1.0dBm |
|                    |                              | GSM      | Max Tune-up power =32.00±1.0dBm  |
|                    |                              | 1TXslots | Max Tune-up power =32.00 ±1.0dBm |
|                    |                              | 2TXslots | Max Tune-up power =31.00 ±1.0dBm |
|                    | EGPRS (8-PSK)                | 3TXslots | Max Tune-up power =29.00 ±1.0dBm |
|                    |                              | 4TXslots | Max Tune-up power =28.00 ±1.0dBm |
|                    |                              | 1TXslots | Max Tune-up power =28.00 ±1.0dBm |
|                    |                              | 2TXslots | Max Tune-up power =27.50 ±1.0dBm |
|                    | EGPRS (8-PSK)                | 3TXslots | Max Tune-up power =26.50 ±1.0dBm |
|                    |                              | 4TXslots | Max Tune-up power =26.00 ±1.0dBm |
| WCDMA 2            |                              |          | Max Tune-up power =25.00±1.0dBm  |
| WCDMA 4            |                              |          | Max Tune-up power =25.00±1.0dBm  |
| WCDMA 5            |                              |          | Max Tune-up power =24.50±1.0dBm  |
| LTE B2             |                              |          | Max Tune-up power =23.00±1.0dBm  |
| LTE B4             |                              |          | Max Tune-up power =23.00±1.0dBm  |
| LTE B5             |                              |          | Max Tune-up power =25.00±1.0dBm  |
| LTE B7             |                              |          | Max Tune-up power =22.50±1.0dBm  |
| LTE B12            |                              |          | Max Tune-up power =24.50±1.0dBm  |
| LTE B13            |                              |          | Max Tune-up power =24.50±1.0dBm  |
| LTE B17            |                              |          | Max Tune-up power =24.50±1.0dBm  |
| LTE B38            |                              |          | Max Tune-up power =23.00±1.0dBm  |
| LTE B41            |                              |          | Max Tune-up power =23.00±1.0dBm  |
| LTE B42(3450-3550) |                              |          | Max Tune-up power =20.50±1.0dBm  |
| LTE B43(3600-3700) |                              |          | Max Tune-up power =21.00±1.0dBm  |
| LTE B43(3700-3800) |                              |          | Max Tune-up power =21.00±1.0dBm  |
| LTE B48            |                              |          | Max Tune-up power =21.50±1.0dBm  |
| LTE B66            |                              |          | Max Tune-up power =23.50±1.0dBm  |
| NR n5              |                              |          | Max Tune-up power =25.50±1.0dBm  |
| NR n7              |                              |          | Max Tune-up power =24.00±1.0dBm  |
| NR n12             |                              |          | Max Tune-up power =25.50±1.0dBm  |
| NR n38             |                              |          | Max Tune-up power =24.50±1.0dBm  |
| NR n41             |                              |          | Max Tune-up power =24.50±1.0dBm  |
| NR n48             |                              |          | Max Tune-up power =23.50±1.0dBm  |
| NR n66             |                              |          | Max Tune-up power =24.00±1.0dBm  |
| NR n77(3450-3550)  |                              |          | Max Tune-up power =26.50±1.0dBm  |
| NR n77(3550-3700)  |                              |          | Max Tune-up power =26.00±1.0dBm  |
| NR n77(3700-3980)  |                              |          | Max Tune-up power =26.00±1.0dBm  |
| NR n78(3450-3550)  |                              |          | Max Tune-up power =27.00±1.0dBm  |
| NR n78(3550-3700)  |                              |          | Max Tune-up power =26.00±1.0dBm  |
| NR n78(3700-3800)  |                              |          | Max Tune-up power =26.00±1.0dBm  |

| Band | Tune-up power tolerance(dBm) |                 |                                 |
|------|------------------------------|-----------------|---------------------------------|
| WIFI | 2.4G                         | 802.11b         | Max Tune-up power =19.50±1.0dBm |
|      |                              | 802.11g         | Max Tune-up power =22.50±1.0dBm |
|      |                              | 802.11n (HT20)  | Max Tune-up power =22.50±1.0dBm |
|      |                              | 802.11n (HT40)  | Max Tune-up power =22.50±1.0dBm |
|      |                              | 802.11ax (HT20) | Max Tune-up power =22.50±1.0dBm |
|      |                              | 802.11ax (HT40) | Max Tune-up power =22.50±1.0dBm |
|      | U-NII-1(5150-5250)           | 802.11a         | Max Tune-up power =16.50±1.0dBm |
|      | U-NII-2a(5250-5350)          | 802.11n-HT20    | Max Tune-up power =16.00±1.0dBm |
|      | U-NII-2c(5470-5725)          | 802.11n-HT20    | Max Tune-up power =15.00±1.0dBm |
|      | U-NII-3(5725-5825)           | 802.11n-HT20    | Max Tune-up power =16.50±1.0dBm |
| BT   | GFSK mode                    |                 | Max Tune-up power =7.50±1.0dBm  |
|      | Pi/4DQPSK mode               |                 | Max Tune-up power =7.50±1.0dBm  |
|      | 8DPSK mode                   |                 | Max Tune-up power =8.00±1.0dBm  |
| BLE  | 1Mbps Power                  |                 | Max Tune-up power =-2.00±1.0dBm |
|      | 2Mbps Power                  |                 | Max Tune-up power =-2.00±1.0dBm |

### 11.3 SAR test results

#### Notes:

- 1) Per KDB447498 ,the SAR test shall be performed at the high, middle and low frequency channels of each operating mode. If the scaled SAR measured at mid-band channel for each test configuration is at least 3.0 dB lower than the SAR limit ( $< 0.8 \text{ W/kg}$ ), testing at the high and low channels is optional.
- 2) Per KDB447498 , testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:  $\leq 0.8 \text{ W/kg}$  or  $2.0 \text{ W/kg}$ , for 1-g or 10-g respectively, when the transmission band is  $\leq 100 \text{ MHz}$ . When the maximum output power variation across the required test channels is  $> \frac{1}{2} \text{ dB}$ , instead of the middle channel, the highest output power channel must be used.
- 3) Per KDB447498 , All measurement SAR result is scaled-up to account for tune-up tolerance is compliant.
- 4) Per KDB648474 D04v01r02, body-worn accessory testing is typically associated with voice operations. Therefore, GSM voice was evaluated for body-worn with headset SAR.
- 5) Per KDB248227 D01v01r02, the procedures required to establish specific device operating configurations for testing the SAR of 802.11 a/b/g transmitters.
  - (1) For Headsets operating next to ear, hotspot mode or mini-tablet configurations, the initial test position procedures were applied. The test position with the highest extrapolated peak SAR will be used as the initial test position. When the reported SAR of initial test position is  $\leq 0.4 \text{ W/kg}$ , SAR testing for remaining test positions is not required. Otherwise, SAR is evaluated at the subsequent highest peak SAR positions until the reported SAR result is  $\leq 0.8 \text{ W/kg}$  or all test positions are measured.
  - (2) For WLAN 2.4 GHz, the highest measured maximum output power channel for DSSS was selected for SAR measurement. When the reported SAR is  $\leq 0.8 \text{ W/kg}$ , no further SAR testing is required. Otherwise, SAR is evaluated at the next highest measured output power channel. When any reported SAR is  $> 1.2 \text{ W/kg}$ , SAR is required for the third channel. For OFDM modes (802.11g/n), SAR is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and it is  $\leq 1.2 \text{ W/kg}$ .

(3) For WLAN 5 GHz, the initial test configuration was selected according to the transmission mode with the highest maximum output power. When the reported SAR of initial test configuration is  $> 0.8$  W/kg, SAR is required for the subsequent highest measured output power channel until the reported SAR result is  $\leq 1.2$  W/kg or all required channels are measured. For other transmission modes, SAR is not required when the highest reported SAR for initial test configuration is adjusted by the ratio of subsequent test configuration to initial test configuration specified maximum output power and it is  $\leq 1.2$  W/kg.

6) Per KDB865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is  $\geq 0.8$  W/kg; if the deviation among the repeated measurement is  $\leq 20\%$ , and the measured SAR  $< 1.45$  W/kg, only one repeated measurement is required.

7) Per KDB865664 D02v01r01, SAR plot is only required for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination; Plots are also required when the measured SAR is  $> 1.5$  W/kg, or  $> 7.0$  W/kg for occupational exposure. The published RF exposure KDB procedures may require additional plots; for example, to support SAR to peak location separation ratio test exclusion and/or volume scan post-processing (Refer to appendix B for details).

8) Per KDB941225 D06v01r01, the DUT Dimension is bigger than 9 cm x 5 cm, so 10mm is chosen as the test separation distance for Hotspot mode. When the antenna-to-edge distance is greater than 2.5cm, such position does not need to be tested.

9) Per KDB 941225 D01, 3G SAR Measurement Procedures, The mode tested for SAR is referred to as the primary mode. The equivalent modes considered for SAR test reduction are denoted as secondary modes. Both primary and secondary modes must be in the same frequency band. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is  $\leq 1/4$  dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is  $\leq 1.2$  W/kg, SAR measurement is not required for the secondary mode.

10) Per KDB 941225 D05, SAR Evaluation Considerations for LTE Devices

(1) QPSK with 1 RB and 50% RB allocation

Start with the largest channel bandwidth and measure SAR, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel. When the reported SAR is  $\leq 0.8$  W/kg, testing of the remaining RB offset configurations and required test channels is not required; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is  $> 1.45$  W/kg, SAR is required for all three RB offset configurations for that required test channel.

### (2) QPSK with 100% RB allocation

SAR is not required when the highest maximum output power for 100% RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are  $\leq 0.8$  W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is  $> 1.45$  W/kg, the remaining required test channels must also be

tested.

### (3) Higher order modulations

SAR is required only when the highest maximum output power for the configuration in the higher order modulation is  $> 1/2$  dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is  $> 1.45$  W/kg.

### (4) Other channel bandwidth

SAR is required when the highest maximum output power of the smaller channel bandwidth is  $> 1/2$  dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is  $> 1.45$  W/kg.

## 11.4 Test Result

### 11.4.1 Results overview of GSM

| Mode            | Position    | Ch. | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-----------------|-------------|-----|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| GSM 850 (voice) | Left Cheek  | 190 | 836.6       | 0.160            | 0.183               | 100            | 1.00              | 34.61             | 35.00                    | 1.094          | 0.200                |
|                 | Left Tilt   | 190 | 836.6       | 0.180            | 0.083               | 100            | 1.00              | 34.61             | 35.00                    | 1.094          | 0.091                |
|                 | Right Cheek | 190 | 836.6       | 0.190            | 0.213               | 100            | 1.00              | 34.61             | 35.00                    | 1.094          | 0.233                |
|                 | Right Tilt  | 190 | 836.6       | 0.010            | 0.104               | 100            | 1.00              | 34.61             | 35.00                    | 1.094          | 0.114                |
| Mode            | Position    | Ch. | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| GPRS 850+4slots | Front       | 190 | 836.6       | -0.140           | 0.138               | 100            | 1.00              | 34.61             | 35.00                    | 1.094          | 0.151                |
|                 | Back        | 190 | 836.6       | -0.080           | 0.189               | 100            | 1.00              | 34.61             | 35.00                    | 1.094          | 0.207                |
|                 | Left        | 190 | 836.6       | -0.050           | 0.180               | 100            | 1.00              | 34.61             | 35.00                    | 1.094          | 0.197                |
|                 | Right       | 190 | 836.6       | 0.140            | 0.076               | 100            | 1.00              | 34.61             | 35.00                    | 1.094          | 0.083                |
|                 | Top         | 190 | 836.6       | 0.070            | 0.002               | 100            | 1.00              | 34.61             | 35.00                    | 1.094          | 0.002                |
|                 | Bottom      | 190 | 836.6       | 0.030            | 0.168               | 100            | 1.00              | 34.61             | 35.00                    | 1.094          | 0.184                |

| Mode             | Position    | Ch. | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|------------------|-------------|-----|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| GSM 1900 (voice) | Left Cheek  | 661 | 1880        | 0.080            | 0.172               | 100            | 1.00              | 31.55             | 32.00                    | 1.109          | 0.191                |
|                  | Left Tilt   | 661 | 1880        | 0.130            | 0.293               | 100            | 1.00              | 31.55             | 32.00                    | 1.109          | 0.325                |
|                  | Right Cheek | 661 | 1880        | 0.070            | 0.281               | 100            | 1.00              | 31.55             | 32.00                    | 1.109          | 0.312                |
|                  | Right Tilt  | 661 | 1880        | -0.030           | 0.539               | 100            | 1.00              | 31.55             | 32.00                    | 1.109          | 0.598                |
| Mode             | Position    | Ch. | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| GPRS 1900+4slots | Front       | 661 | 1880        | 0.050            | 0.060               | 100            | 1.00              | 31.55             | 32.00                    | 1.109          | 0.067                |
|                  | Back        | 661 | 1880        | -0.170           | 0.071               | 100            | 1.00              | 31.55             | 32.00                    | 1.109          | 0.079                |
|                  | Left        | 661 | 1880        | 0.010            | 0.032               | 100            | 1.00              | 31.55             | 32.00                    | 1.109          | 0.035                |
|                  | Right       | 661 | 1880        | 0.130            | 0.009               | 100            | 1.00              | 31.55             | 32.00                    | 1.109          | 0.010                |
|                  | Top         | 661 | 1880        | -0.020           | 0.075               | 100            | 1.00              | 31.55             | 32.00                    | 1.109          | 0.083                |
|                  | Bottom      | 661 | 1880        | 0.090            | 0.002               | 100            | 1.00              | 31.55             | 32.00                    | 1.109          | 0.002                |

### 11.4.2 Results overview of WCDMA

| Mode                | Position    | Ch.  | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------|-------------|------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| WCDMA Band 2 (RMC*) | Left Cheek  | 9262 | 1852.4      | -0.090           | 0.119               | 100            | 1.00              | 24.89             | 25.00                    | 1.026          | 0.122                |
|                     | Left Tilt   | 9262 | 1852.4      | 0.060            | 0.204               | 100            | 1.00              | 24.89             | 25.00                    | 1.026          | 0.209                |
|                     | Right Cheek | 9262 | 1852.4      | -0.010           | 0.270               | 100            | 1.00              | 24.89             | 25.00                    | 1.026          | 0.277                |
|                     | Right Tilt  | 9262 | 1852.4      | -0.080           | 0.384               | 100            | 1.00              | 24.89             | 25.00                    | 1.026          | 0.394                |
| Mode                | Position    | Ch.  | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| WCDMA Band 2 (RMC*) | Front       | 9262 | 1852.4      | -0.110           | 0.048               | 100            | 1.00              | 24.89             | 25.00                    | 1.026          | 0.049                |
|                     | Back        | 9262 | 1852.4      | 0.030            | 0.056               | 100            | 1.00              | 24.89             | 25.00                    | 1.026          | 0.057                |
|                     | Left        | 9262 | 1852.4      | 0.140            | 0.030               | 100            | 1.00              | 24.89             | 25.00                    | 1.026          | 0.031                |
|                     | Right       | 9262 | 1852.4      | 0.000            | 0.007               | 100            | 1.00              | 24.89             | 25.00                    | 1.026          | 0.007                |
|                     | Top         | 9262 | 1852.4      | -0.060           | 0.063               | 100            | 1.00              | 24.89             | 25.00                    | 1.026          | 0.065                |
|                     | Bottom      | 9262 | 1852.4      | 0.110            | 0.002               | 100            | 1.00              | 24.89             | 25.00                    | 1.026          | 0.002                |

| Mode                | Position    | Ch.  | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------|-------------|------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| WCDMA Band 4 (RMC*) | Left Cheek  | 1413 | 1732.6      | 0.050            | 0.140               | 100            | 1.00              | 24.76             | 25.00                    | 1.057          | 0.148                |
|                     | Left Tilt   | 1413 | 1732.6      | -0.140           | 0.262               | 100            | 1.00              | 24.76             | 25.00                    | 1.057          | 0.277                |
|                     | Right Cheek | 1413 | 1732.6      | -0.080           | 0.249               | 100            | 1.00              | 24.76             | 25.00                    | 1.057          | 0.263                |
|                     | Right Tilt  | 1413 | 1732.6      | 0.010            | 0.470               | 100            | 1.00              | 24.76             | 25.00                    | 1.057          | 0.497                |
| Mode                | Position    | Ch.  | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| WCDMA Band 4 (RMC*) | Front       | 1413 | 1732.6      | -0.090           | 0.041               | 100            | 1.00              | 24.76             | 25.00                    | 1.057          | 0.043                |
|                     | Back        | 1413 | 1732.6      | 0.180            | 0.050               | 100            | 1.00              | 24.76             | 25.00                    | 1.057          | 0.053                |
|                     | Left        | 1413 | 1732.6      | 0.000            | 0.021               | 100            | 1.00              | 24.76             | 25.00                    | 1.057          | 0.022                |
|                     | Right       | 1413 | 1732.6      | -0.010           | 0.007               | 100            | 1.00              | 24.76             | 25.00                    | 1.057          | 0.007                |
|                     | Top         | 1413 | 1732.6      | -0.030           | 0.058               | 100            | 1.00              | 24.76             | 25.00                    | 1.057          | 0.061                |
|                     | Bottom      | 1413 | 1732.6      | 0.110            | 0.002               | 100            | 1.00              | 24.76             | 25.00                    | 1.057          | 0.002                |

| Mode                | Position    | Ch.  | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------|-------------|------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| WCDMA Band 5 (RMC*) | Left Cheek  | 4132 | 826.4       | 0.100            | 0.163               | 100            | 1.00              | 24.46             | 24.50                    | 1.009          | 0.165                |
|                     | Left Tilt   | 4132 | 826.4       | 0.060            | 0.086               | 100            | 1.00              | 24.46             | 24.50                    | 1.009          | 0.087                |
|                     | Right Cheek | 4132 | 826.4       | -0.120           | 0.231               | 100            | 1.00              | 24.46             | 24.50                    | 1.009          | 0.233                |
|                     | Right Tilt  | 4132 | 826.4       | 0.000            | 0.112               | 100            | 1.00              | 24.46             | 24.50                    | 1.009          | 0.113                |
| Mode                | Position    | Ch.  | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| WCDMA Band 5 (RMC*) | Front       | 4132 | 826.4       | -0.020           | 0.407               | 100            | 1.00              | 24.46             | 24.50                    | 1.009          | 0.411                |
|                     | Back        | 4132 | 826.4       | 0.070            | 0.488               | 100            | 1.00              | 24.46             | 24.50                    | 1.009          | 0.493                |
|                     | Left        | 4132 | 826.4       | -0.120           | 0.018               | 100            | 1.00              | 24.46             | 24.50                    | 1.009          | 0.018                |
|                     | Right       | 4132 | 826.4       | 0.080            | 0.078               | 100            | 1.00              | 24.46             | 24.50                    | 1.009          | 0.079                |
|                     | Top         | 4132 | 826.4       | 0.060            | 0.004               | 100            | 1.00              | 24.46             | 24.50                    | 1.009          | 0.004                |
|                     | Bottom      | 4132 | 826.4       | 0.000            | 0.168               | 100            | 1.00              | 24.46             | 24.50                    | 1.009          | 0.170                |

### 11.4.3 Results overview of LTE

| Mode               | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|--------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| Band 2 (BW: 20MHz) | 1RB          | Left Cheek  | 19150 | 1905.0      | -0.010           | 0.127               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.133                |
|                    |              | Left Tilt   | 19150 | 1905.0      | 0.160            | 0.190               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.199                |
|                    |              | Right Cheek | 19150 | 1905.0      | 0.040            | 0.251               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.263                |
|                    |              | Right Tilt  | 19150 | 1905.0      | 0.010            | 0.382               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.401                |
|                    | 50%RB        | Left Cheek  | 19150 | 1905.0      | -0.070           | 0.126               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.132                |
|                    |              | Left Tilt   | 19150 | 1905.0      | -0.090           | 0.188               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.197                |
|                    |              | Right Cheek | 19150 | 1905.0      | 0.080            | 0.248               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.260                |
|                    |              | Right Tilt  | 19150 | 1905.0      | 0.090            | 0.381               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.400                |
| Mode               | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| Band 2 (BW: 20MHz) | 1RB          | Front       | 19150 | 1905.0      | 0.080            | 0.043               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.045                |
|                    |              | Back        | 19150 | 1905.0      | 0.010            | 0.051               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.054                |
|                    |              | Left        | 19150 | 1905.0      | 0.120            | 0.012               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.013                |
|                    |              | Right       | 19150 | 1905.0      | -0.020           | 0.003               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.003                |
|                    |              | Top         | 19150 | 1905.0      | 0.070            | 0.028               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.029                |
|                    |              | Bottom      | 19150 | 1905.0      | -0.090           | 0.002               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.002                |
|                    | 50%RB        | Front       | 19150 | 1905.0      | 0.140            | 0.044               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.046                |
|                    |              | Back        | 19150 | 1905.0      | 0.060            | 0.049               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.051                |
|                    |              | Left        | 19150 | 1905.0      | 0.070            | 0.012               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.013                |
|                    |              | Right       | 19150 | 1905.0      | 0.110            | 0.004               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.004                |
|                    |              | Top         | 19150 | 1905.0      | -0.100           | 0.027               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.028                |
|                    |              | Bottom      | 19150 | 1905.0      | -0.080           | 0.003               | 100            | 1.00              | 22.79             | 23.00                    | 1.050          | 0.003                |

| Mode               | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|--------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| Band 4 (BW: 20MHz) | 1RB          | Left Cheek  | 19975 | 1712.5      | 0.080            | 0.119               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.124                |
|                    |              | Left Tilt   | 19975 | 1712.5      | 0.110            | 0.213               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.223                |
|                    |              | Right Cheek | 19975 | 1712.5      | 0.030            | 0.221               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.231                |
|                    |              | Right Tilt  | 19975 | 1712.5      | 0.000            | 0.380               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.397                |
|                    | 50%RB        | Left Cheek  | 19975 | 1712.5      | 0.190            | 0.121               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.126                |
|                    |              | Left Tilt   | 19975 | 1712.5      | 0.080            | 0.210               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.219                |
|                    |              | Right Cheek | 19975 | 1712.5      | 0.000            | 0.218               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.228                |
|                    |              | Right Tilt  | 19975 | 1712.5      | 0.170            | 0.375               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.392                |
| Mode               | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| Band 4 (BW: 20MHz) | 1RB          | Front       | 19975 | 1712.5      | 0.050            | 0.035               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.037                |
|                    |              | Back        | 19975 | 1712.5      | -0.110           | 0.040               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.042                |
|                    |              | Left        | 19975 | 1712.5      | -0.050           | 0.012               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.013                |
|                    |              | Right       | 19975 | 1712.5      | 0.080            | 0.003               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.003                |
|                    |              | Top         | 19975 | 1712.5      | 0.130            | 0.036               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.038                |
|                    |              | Bottom      | 19975 | 1712.5      | -0.140           | 0.002               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.002                |
|                    | 50%RB        | Front       | 19975 | 1712.5      | -0.060           | 0.034               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.036                |
|                    |              | Back        | 19975 | 1712.5      | -0.180           | 0.042               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.044                |
|                    |              | Left        | 19975 | 1712.5      | -0.110           | 0.011               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.011                |
|                    |              | Right       | 19975 | 1712.5      | 0.030            | 0.003               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.003                |
|                    |              | Top         | 19975 | 1712.5      | 0.020            | 0.036               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.038                |
|                    |              | Bottom      | 19975 | 1712.5      | 0.070            | 0.002               | 100            | 1.00              | 22.81             | 23.00                    | 1.045          | 0.002                |

| Mode               | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|--------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| Band 5 (BW: 10MHz) | 1RB          | Left Cheek  | 20425 | 826.5       | -0.020           | 0.045               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.050                |
|                    |              | Left Tilt   | 20425 | 826.5       | -0.130           | 0.039               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.043                |
|                    |              | Right Cheek | 20425 | 826.5       | -0.010           | 0.167               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.186                |
|                    |              | Right Tilt  | 20425 | 826.5       | 0.080            | 0.112               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.125                |
|                    | 50%RB        | Right Cheek | 20425 | 826.5       | 0.110            | 0.043               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.048                |
|                    |              | Left Cheek  | 20425 | 826.5       | 0.170            | 0.041               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.046                |
|                    |              | Left Tilt   | 20425 | 826.5       | -0.080           | 0.164               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.183                |
|                    |              | Right Cheek | 20425 | 826.5       | -0.180           | 0.109               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.121                |
| Mode               | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| Band 5 (BW: 10MHz) | 1RB          | Front       | 20425 | 826.5       | -0.110           | 0.341               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.380                |
|                    |              | Back        | 20425 | 826.5       | -0.050           | 0.366               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.408                |
|                    |              | Left        | 20425 | 826.5       | 0.070            | 0.019               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.021                |
|                    |              | Right       | 20425 | 826.5       | 0.000            | 0.075               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.084                |
|                    |              | Top         | 20425 | 826.5       | 0.190            | 0.004               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.004                |
|                    |              | Bottom      | 20425 | 826.5       | -0.030           | 0.363               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.404                |
|                    | 50%RB        | Left        | 20425 | 826.5       | -0.010           | 0.336               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.374                |
|                    |              | Front       | 20425 | 826.5       | -0.020           | 0.362               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.403                |
|                    |              | Back        | 20425 | 826.5       | 0.030            | 0.019               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.021                |
|                    |              | Left        | 20425 | 826.5       | -0.040           | 0.071               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.079                |
|                    |              | Right       | 20425 | 826.5       | -0.110           | 0.003               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.003                |
|                    |              | Bottom      | 20425 | 826.5       | 0.160            | 0.361               | 100            | 1.00              | 24.53             | 25.00                    | 1.114          | 0.402                |

| Mode               | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|--------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| Band 7 (BW: 20MHz) | 1RB          | Left Cheek  | 21100 | 2535.0      | -0.150           | 0.071               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.074                |
|                    |              | Left Tilt   | 21100 | 2535.0      | 0.030            | 0.083               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.087                |
|                    |              | Right Cheek | 21100 | 2535.0      | 0.140            | 0.192               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.200                |
|                    |              | Right Tilt  | 21100 | 2535.0      | 0.170            | 0.263               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.274                |
|                    | 50%RB        | Left Cheek  | 21100 | 2535.0      | 0.190            | 0.070               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.073                |
|                    |              | Left Tilt   | 21100 | 2535.0      | -0.010           | 0.081               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.084                |
|                    |              | Right Cheek | 21100 | 2535.0      | 0.150            | 0.189               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.197                |
|                    |              | Right Tilt  | 21100 | 2535.0      | -0.020           | 0.260               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.271                |
| Mode               | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| Band 7 (BW: 20MHz) | 1RB          | Front       | 21100 | 2535.0      | -0.140           | 0.058               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.060                |
|                    |              | Back        | 21100 | 2535.0      | -0.170           | 0.065               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.068                |
|                    |              | Left        | 21100 | 2535.0      | 0.060            | 0.051               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.053                |
|                    |              | Right       | 21100 | 2535.0      | 0.020            | 0.007               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.007                |
|                    |              | Top         | 21100 | 2535.0      | 0.110            | 0.028               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.029                |
|                    |              | Bottom      | 21100 | 2535.0      | 0.030            | 0.003               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.003                |
|                    | 50%RB        | Front       | 21100 | 2535.0      | 0.190            | 0.056               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.058                |
|                    |              | Back        | 21100 | 2535.0      | 0.040            | 0.062               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.065                |
|                    |              | Left        | 21100 | 2535.0      | -0.090           | 0.050               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.052                |
|                    |              | Right       | 21100 | 2535.0      | -0.150           | 0.008               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.008                |
|                    |              | Top         | 21100 | 2535.0      | 0.040            | 0.029               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.030                |
|                    |              | Bottom      | 21100 | 2535.0      | 0.030            | 0.003               | 100            | 1.00              | 22.32             | 22.50                    | 1.042          | 0.003                |

| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| Band 12 (BW: 10MHz) | 1RB          | Left Cheek  | 23130 | 711.0       | -0.050           | 0.026               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.027                |
|                     |              | Left Tilt   | 23130 | 711.0       | -0.140           | 0.020               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.021                |
|                     |              | Right Cheek | 23130 | 711.0       | -0.010           | 0.095               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.100                |
|                     |              | Right Tilt  | 23130 | 711.0       | 0.080            | 0.073               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.077                |
|                     | 50%RB        | Left Cheek  | 23130 | 711.0       | 0.160            | 0.028               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.029                |
|                     |              | Left Tilt   | 23130 | 711.0       | 0.080            | 0.020               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.021                |
|                     |              | Right Cheek | 23130 | 711.0       | 0.040            | 0.091               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.096                |
|                     |              | Right Tilt  | 23130 | 711.0       | 0.160            | 0.071               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.075                |
| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| Band 12 (BW: 10MHz) | 1RB          | Front       | 23130 | 711.0       | 0.020            | 0.071               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.075                |
|                     |              | Back        | 23130 | 711.0       | -0.010           | 0.079               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.083                |
|                     |              | Left        | 23130 | 711.0       | -0.060           | 0.012               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.013                |
|                     |              | Right       | 23130 | 711.0       | 0.070            | 0.059               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.062                |
|                     |              | Top         | 23130 | 711.0       | 0.090            | 0.002               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.002                |
|                     |              | Bottom      | 23130 | 711.0       | 0.000            | 0.161               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.169                |
|                     | 50%RB        | Front       | 23130 | 711.0       | -0.020           | 0.069               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.073                |
|                     |              | Back        | 23130 | 711.0       | 0.090            | 0.076               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.080                |
|                     |              | Left        | 23130 | 711.0       | -0.040           | 0.011               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.012                |
|                     |              | Right       | 23130 | 711.0       | 0.030            | 0.060               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.063                |
|                     |              | Top         | 23130 | 711.0       | -0.190           | 0.002               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.002                |
|                     |              | Bottom      | 23130 | 711.0       | 0.070            | 0.160               | 100            | 1.00              | 24.28             | 24.50                    | 1.052          | 0.168                |

| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| Band 13 (BW: 10MHz) | 1RB          | Left Cheek  | 23205 | 779.5       | -0.130           | 0.036               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.039                |
|                     |              | Left Tilt   | 23205 | 779.5       | -0.140           | 0.027               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.029                |
|                     |              | Right Cheek | 23205 | 779.5       | -0.020           | 0.069               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.075                |
|                     |              | Right Tilt  | 23205 | 779.5       | 0.010            | 0.038               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.041                |
|                     | 50%RB        | Left Cheek  | 23205 | 779.5       | -0.150           | 0.034               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.037                |
|                     |              | Left Tilt   | 23205 | 779.5       | 0.190            | 0.029               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.032                |
|                     |              | Right Cheek | 23205 | 779.5       | -0.120           | 0.066               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.072                |
|                     |              | Right Tilt  | 23205 | 779.5       | -0.160           | 0.036               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.039                |
| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| Band 13 (BW: 10MHz) | 1RB          | Front       | 23205 | 779.5       | 0.010            | 0.161               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.175                |
|                     |              | Back        | 23205 | 779.5       | -0.030           | 0.170               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.185                |
|                     |              | Left        | 23205 | 779.5       | 0.070            | 0.015               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.016                |
|                     |              | Right       | 23205 | 779.5       | -0.180           | 0.071               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.077                |
|                     |              | Top         | 23205 | 779.5       | -0.010           | 0.002               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.002                |
|                     |              | Bottom      | 23205 | 779.5       | 0.010            | 0.189               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.205                |
|                     | 50%RB        | Front       | 23205 | 779.5       | -0.140           | 0.159               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.173                |
|                     |              | Back        | 23205 | 779.5       | 0.150            | 0.169               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.184                |
|                     |              | Left        | 23205 | 779.5       | -0.150           | 0.015               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.016                |
|                     |              | Right       | 23205 | 779.5       | 0.110            | 0.069               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.075                |
|                     |              | Top         | 23205 | 779.5       | -0.190           | 0.001               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.001                |
|                     |              | Bottom      | 23205 | 779.5       | 0.020            | 0.187               | 100            | 1.00              | 24.14             | 24.50                    | 1.086          | 0.203                |

| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| Band 17 (BW: 10MHz) | 1RB          | Left Cheek  | 23790 | 710.0       | 0.050            | 0.032               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.033                |
|                     |              | Left Tilt   | 23790 | 710.0       | -0.140           | 0.015               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.016                |
|                     |              | Right Cheek | 23790 | 710.0       | -0.030           | 0.095               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.099                |
|                     |              | Right Tilt  | 23790 | 710.0       | 0.070            | 0.068               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.071                |
|                     | 50%RB        | Left Cheek  | 23790 | 710.0       | -0.160           | 0.031               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.032                |
|                     |              | Left Tilt   | 23790 | 710.0       | 0.060            | 0.015               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.016                |
|                     |              | Right Cheek | 23790 | 710.0       | -0.080           | 0.092               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.096                |
|                     |              | Right Tilt  | 23790 | 710.0       | -0.010           | 0.069               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.072                |
| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| Band 17 (BW: 10MHz) | 1RB          | Front       | 23790 | 710.0       | 0.050            | 0.090               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.094                |
|                     |              | Back        | 23790 | 710.0       | -0.010           | 0.099               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.103                |
|                     |              | Left        | 23790 | 710.0       | -0.120           | 0.009               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.009                |
|                     |              | Right       | 23790 | 710.0       | 0.090            | 0.057               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.059                |
|                     |              | Top         | 23790 | 710.0       | 0.130            | 0.001               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.001                |
|                     |              | Bottom      | 23790 | 710.0       | 0.010            | 0.163               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.170                |
|                     | 50%RB        | Front       | 23790 | 710.0       | 0.100            | 0.088               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.092                |
|                     |              | Back        | 23790 | 710.0       | -0.090           | 0.100               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.104                |
|                     |              | Left        | 23790 | 710.0       | -0.190           | 0.010               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.010                |
|                     |              | Right       | 23790 | 710.0       | 0.060            | 0.058               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.060                |
|                     |              | Top         | 23790 | 710.0       | 0.120            | 0.001               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.001                |
|                     |              | Bottom      | 23790 | 710.0       | -0.160           | 0.161               | 100            | 1.00              | 24.32             | 24.50                    | 1.042          | 0.168                |

| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| Band 38 (BW: 20MHz) | 1RB          | Left Cheek  | 37825 | 2577.5      | 0.040            | 0.047               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.049                |
|                     |              | Left Tilt   | 37825 | 2577.5      | 0.010            | 0.018               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.019                |
|                     |              | Right Cheek | 37825 | 2577.5      | 0.160            | 0.031               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.033                |
|                     |              | Right Tilt  | 37825 | 2577.5      | 0.090            | 0.011               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.012                |
|                     | 50%RB        | Left Cheek  | 37825 | 2577.5      | -0.060           | 0.049               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.052                |
|                     |              | Left Tilt   | 37825 | 2577.5      | 0.070            | 0.017               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.018                |
|                     |              | Right Cheek | 37825 | 2577.5      | 0.040            | 0.032               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.034                |
|                     |              | Right Tilt  | 37825 | 2577.5      | 0.000            | 0.013               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.014                |
| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| Band 38 (BW: 20MHz) | 1RB          | Front       | 37825 | 2577.5      | 0.110            | 0.149               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.157                |
|                     |              | Back        | 37825 | 2577.5      | -0.010           | 0.167               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.176                |
|                     |              | Left        | 37825 | 2577.5      | 0.070            | 0.141               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.148                |
|                     |              | Right       | 37825 | 2577.5      | -0.130           | 0.011               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.012                |
|                     |              | Top         | 37825 | 2577.5      | 0.080            | 0.002               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.002                |
|                     |              | Bottom      | 37825 | 2577.5      | -0.010           | 0.184               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.194                |
|                     | 50%RB        | Front       | 37825 | 2577.5      | 0.040            | 0.145               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.153                |
|                     |              | Back        | 37825 | 2577.5      | -0.090           | 0.166               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.175                |
|                     |              | Left        | 37825 | 2577.5      | -0.100           | 0.142               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.149                |
|                     |              | Right       | 37825 | 2577.5      | -0.010           | 0.010               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.011                |
|                     |              | Top         | 37825 | 2577.5      | 0.000            | 0.002               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.002                |
|                     |              | Bottom      | 37825 | 2577.5      | 0.030            | 0.182               | 100            | 1.00              | 22.78             | 23.00                    | 1.052          | 0.191                |

| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| Band 41 (BW: 20MHz) | 1RB          | Left Cheek  | 40620 | 2593.0      | -0.080           | 0.048               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.051                |
|                     |              | Left Tilt   | 40620 | 2593.0      | 0.170            | 0.021               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.022                |
|                     |              | Right Cheek | 40620 | 2593.0      | -0.080           | 0.032               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.034                |
|                     |              | Right Tilt  | 40620 | 2593.0      | 0.070            | 0.013               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.014                |
|                     |              | Left Cheek  | 39750 | 2506.0      | 0.010            | 0.068               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.072                |
|                     |              | Left Cheek  | 40185 | 2549.5      | -0.010           | 0.074               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.078                |
|                     |              | Left Cheek  | 41055 | 2636.5      | -0.020           | 0.061               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.064                |
|                     |              | Left Cheek  | 41490 | 2680.0      | 0.070            | 0.045               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.048                |
| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| Band 41 (BW: 20MHz) | 1RB          | Front       | 40620 | 2593.0      | 0.120            | 0.142               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.150                |
|                     |              | Back        | 40620 | 2593.0      | 0.030            | 0.169               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.179                |
|                     |              | Left        | 40620 | 2593.0      | 0.060            | 0.098               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.104                |
|                     |              | Right       | 40620 | 2593.0      | -0.130           | 0.011               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.012                |
|                     |              | Top         | 40620 | 2593.0      | 0.070            | 0.002               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.002                |
|                     |              | Bottom      | 40620 | 2593.0      | -0.120           | 0.201               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.212                |
|                     |              | Back        | 39750 | 2506.0      | 0.010            | 0.230               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.243                |
|                     |              | Back        | 40185 | 2549.5      | 0.070            | 0.202               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.213                |
|                     |              | Back        | 41055 | 2636.5      | 0.130            | 0.159               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.168                |
|                     |              | Back        | 41490 | 2680.0      | -0.050           | 0.134               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.142                |

| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| Band 41 (BW: 20MHz) | 50%RB        | Left Cheek  | 40620 | 2593.0      | -0.170           | 0.050               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.053                |
|                     |              | Left Tilt   | 40620 | 2593.0      | 0.010            | 0.021               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.022                |
|                     |              | Right Cheek | 40620 | 2593.0      | -0.130           | 0.031               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.033                |
|                     |              | Right Tilt  | 40620 | 2593.0      | -0.140           | 0.015               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.016                |
|                     |              | Left Cheek  | 39750 | 2506.0      | -0.050           | 0.067               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.071                |
|                     |              | Left Cheek  | 40185 | 2549.5      | 0.180            | 0.072               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.076                |
|                     |              | Left Cheek  | 41055 | 2636.5      | -0.090           | 0.062               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.066                |
|                     |              | Left Cheek  | 41490 | 2680.0      | -0.180           | 0.044               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.046                |
| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| Band 41 (BW: 20MHz) | 50%RB        | Front       | 40620 | 2593.0      | -0.080           | 0.143               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.151                |
|                     |              | Back        | 40620 | 2593.0      | 0.190            | 0.166               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.175                |
|                     |              | Left        | 40620 | 2593.0      | -0.040           | 0.097               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.103                |
|                     |              | Right       | 40620 | 2593.0      | -0.160           | 0.012               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.013                |
|                     |              | Top         | 40620 | 2593.0      | -0.160           | 0.003               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.003                |
|                     |              | Bottom      | 40620 | 2593.0      | 0.100            | 0.204               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.216                |
|                     |              | Back        | 39750 | 2506.0      | -0.050           | 0.232               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.245                |
|                     |              | Back        | 40185 | 2549.5      | 0.060            | 0.201               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.212                |
|                     |              | Back        | 41055 | 2636.5      | 0.050            | 0.161               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.170                |
|                     |              | Back        | 41490 | 2680.0      | 0.140            | 0.133               | 100            | 1.00              | 22.76             | 23.00                    | 1.057          | 0.141                |

| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| Band 42 (BW: 20MHz) | 1RB          | Left Cheek  | 43065 | 3547.5      | -0.050           | 0.228               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.243                |
|                     |              | Left Tilt   | 43065 | 3547.5      | 0.040            | 0.478               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.510                |
|                     |              | Right Cheek | 43065 | 3547.5      | 0.070            | 0.121               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.129                |
|                     |              | Right Tilt  | 43065 | 3547.5      | -0.120           | 0.260               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.277                |
|                     | 50%RB        | Left Cheek  | 43065 | 3547.5      | -0.190           | 0.224               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.239                |
|                     |              | Left Tilt   | 43065 | 3547.5      | -0.180           | 0.475               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.507                |
|                     |              | Right Cheek | 43065 | 3547.5      | -0.020           | 0.120               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.128                |
|                     |              | Right Tilt  | 43065 | 3547.5      | -0.050           | 0.256               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.273                |
| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| Band 42 (BW: 20MHz) | 1RB          | Front       | 43065 | 3547.5      | 0.150            | 0.045               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.048                |
|                     |              | Back        | 43065 | 3547.5      | 0.040            | 0.056               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.060                |
|                     |              | Left        | 43065 | 3547.5      | -0.030           | 0.007               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.007                |
|                     |              | Right       | 43065 | 3547.5      | 0.170            | 0.093               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.099                |
|                     |              | Top         | 43065 | 3547.5      | -0.160           | 0.098               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.105                |
|                     |              | Bottom      | 43065 | 3547.5      | -0.030           | 0.005               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.005                |
|                     | 50%RB        | Front       | 43065 | 3547.5      | -0.110           | 0.046               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.049                |
|                     |              | Back        | 43065 | 3547.5      | -0.170           | 0.057               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.061                |
|                     |              | Left        | 43065 | 3547.5      | -0.070           | 0.008               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.009                |
|                     |              | Right       | 43065 | 3547.5      | -0.130           | 0.091               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.097                |
|                     |              | Top         | 43065 | 3547.5      | 0.100            | 0.003               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.003                |
|                     |              | Bottom      | 43065 | 3547.5      | 0.010            | 0.002               | 100            | 1.00              | 20.22             | 20.50                    | 1.067          | 0.002                |

| Mode                           | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|--------------------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| Band 43(3600-3700) (BW: 20MHz) | 1RB          | Left Cheek  | 44515 | 3692.5      | 0.080            | 0.210               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.212                |
|                                |              | Left Tilt   | 44515 | 3692.5      | 0.060            | 0.418               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.422                |
|                                |              | Right Cheek | 44515 | 3692.5      | 0.000            | 0.091               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.092                |
|                                |              | Right Tilt  | 44515 | 3692.5      | -0.090           | 0.182               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.184                |
|                                | 50%RB        | Left Cheek  | 44515 | 3692.5      | -0.050           | 0.207               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.209                |
|                                |              | Left Tilt   | 44515 | 3692.5      | -0.080           | 0.415               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.419                |
|                                |              | Right Cheek | 44515 | 3692.5      | -0.100           | 0.091               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.092                |
|                                |              | Right Tilt  | 44515 | 3692.5      | -0.180           | 0.185               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.187                |
| Mode                           | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| Band 43(3600-3700) (BW: 20MHz) | 1RB          | Front       | 44515 | 3692.5      | -0.010           | 0.043               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.043                |
|                                |              | Back        | 44515 | 3692.5      | 0.000            | 0.054               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.054                |
|                                |              | Left        | 44515 | 3692.5      | 0.070            | 0.045               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.045                |
|                                |              | Right       | 44515 | 3692.5      | 0.110            | 0.015               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.015                |
|                                |              | Top         | 44515 | 3692.5      | -0.060           | 0.078               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.079                |
|                                |              | Bottom      | 44515 | 3692.5      | 0.140            | 0.004               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.004                |
|                                | 50%RB        | Front       | 44515 | 3692.5      | 0.000            | 0.044               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.044                |
|                                |              | Back        | 44515 | 3692.5      | -0.010           | 0.051               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.051                |
|                                |              | Left        | 44515 | 3692.5      | 0.130            | 0.046               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.046                |
|                                |              | Right       | 44515 | 3692.5      | 0.040            | 0.013               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.013                |
|                                |              | Top         | 44515 | 3692.5      | -0.140           | 0.077               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.078                |
|                                |              | Bottom      | 44515 | 3692.5      | 0.000            | 0.003               | 100            | 1.00              | 20.96             | 21.00                    | 1.009          | 0.003                |

| Mode                              | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-----------------------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| Band 43(3700-3800)<br>(BW: 20MHz) | 1RB          | Left Cheek  | 45090 | 3750.0      | 0.010            | 0.218               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.224                |
|                                   |              | Left Tilt   | 45090 | 3750.0      | 0.030            | 0.441               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.453                |
|                                   |              | Right Cheek | 45090 | 3750.0      | -0.090           | 0.095               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.098                |
|                                   |              | Right Tilt  | 45090 | 3750.0      | 0.140            | 0.202               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.208                |
|                                   | 50%RB        | Left Cheek  | 45090 | 3750.0      | 0.140            | 0.214               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.220                |
|                                   |              | Left Tilt   | 45090 | 3750.0      | 0.170            | 0.438               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.450                |
|                                   |              | Right Cheek | 45090 | 3750.0      | -0.140           | 0.093               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.096                |
|                                   |              | Right Tilt  | 45090 | 3750.0      | 0.180            | 0.203               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.209                |
| Mode                              | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| Band 43(3700-3800)<br>(BW: 20MHz) | 1RB          | Front       | 45090 | 3750.0      | 0.050            | 0.037               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.038                |
|                                   |              | Back        | 45090 | 3750.0      | -0.140           | 0.046               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.047                |
|                                   |              | Left        | 45090 | 3750.0      | 0.020            | 0.040               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.041                |
|                                   |              | Right       | 45090 | 3750.0      | 0.180            | 0.013               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.013                |
|                                   |              | Top         | 45090 | 3750.0      | -0.190           | 0.068               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.070                |
|                                   |              | Bottom      | 45090 | 3750.0      | -0.050           | 0.003               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.003                |
|                                   | 50%RB        | Front       | 45090 | 3750.0      | 0.180            | 0.038               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.039                |
|                                   |              | Back        | 45090 | 3750.0      | -0.050           | 0.048               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.049                |
|                                   |              | Left        | 45090 | 3750.0      | 0.100            | 0.040               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.041                |
|                                   |              | Right       | 45090 | 3750.0      | -0.040           | 0.012               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.012                |
|                                   |              | Top         | 45090 | 3750.0      | -0.010           | 0.066               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.068                |
|                                   |              | Bottom      | 45090 | 3750.0      | -0.110           | 0.003               | 100            | 1.00              | 20.88             | 21.00                    | 1.028          | 0.003                |

| Mode                   | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|------------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| Band 48<br>(BW: 20MHz) | 1RB          | Left Cheek  | 56665 | 3692.5      | 0.110            | 0.214               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.225                |
|                        |              | Left Tilt   | 56665 | 3692.5      | 0.050            | 0.433               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.455                |
|                        |              | Right Cheek | 56665 | 3692.5      | -0.120           | 0.093               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.098                |
|                        |              | Right Tilt  | 56665 | 3692.5      | 0.030            | 0.201               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.211                |
|                        | 50%RB        | Left Cheek  | 56665 | 3692.5      | -0.100           | 0.212               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.223                |
|                        |              | Left Tilt   | 56665 | 3692.5      | 0.110            | 0.436               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.459                |
|                        |              | Right Cheek | 56665 | 3692.5      | -0.010           | 0.091               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.096                |
|                        |              | Right Tilt  | 56665 | 3692.5      | -0.110           | 0.198               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.208                |
| Mode                   | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| Band 48<br>(BW: 20MHz) | 1RB          | Front       | 56665 | 3692.5      | 0.140            | 0.042               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.044                |
|                        |              | Back        | 56665 | 3692.5      | 0.020            | 0.050               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.053                |
|                        |              | Left        | 56665 | 3692.5      | -0.080           | 0.045               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.047                |
|                        |              | Right       | 56665 | 3692.5      | 0.160            | 0.015               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.016                |
|                        |              | Top         | 56665 | 3692.5      | -0.150           | 0.079               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.083                |
|                        |              | Bottom      | 56665 | 3692.5      | -0.030           | 0.004               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.004                |
|                        | 50%RB        | Front       | 56665 | 3692.5      | -0.130           | 0.041               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.043                |
|                        |              | Back        | 56665 | 3692.5      | -0.010           | 0.052               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.055                |
|                        |              | Left        | 56665 | 3692.5      | 0.190            | 0.015               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.016                |
|                        |              | Right       | 56665 | 3692.5      | 0.160            | 0.075               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.079                |
|                        |              | Top         | 56665 | 3692.5      | -0.040           | 0.004               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.004                |
|                        |              | Bottom      | 56665 | 3692.5      | 0.000            | 0.002               | 100            | 1.00              | 21.28             | 21.50                    | 1.052          | 0.002                |

| Mode                | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| Band 66 (BW: 20MHz) | 1RB          | Left Cheek  | 132597 | 1772.5      | 0.010            | 0.079               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.088                |
|                     |              | Left Tilt   | 132597 | 1772.5      | -0.140           | 0.170               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.189                |
|                     |              | Right Cheek | 132597 | 1772.5      | 0.030            | 0.215               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.240                |
|                     |              | Right Tilt  | 132597 | 1772.5      | -0.050           | 0.366               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.408                |
|                     | 50%RB        | Left Cheek  | 132597 | 1772.5      | 0.150            | 0.077               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.086                |
|                     |              | Left Tilt   | 132597 | 1772.5      | -0.080           | 0.167               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.186                |
|                     |              | Right Cheek | 132597 | 1772.5      | 0.090            | 0.212               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.236                |
|                     |              | Right Tilt  | 132597 | 1772.5      | 0.180            | 0.364               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.406                |
| Mode                | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| Band 66 (BW: 20MHz) | 1RB          | Front       | 132597 | 1772.5      | -0.170           | 0.039               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.043                |
|                     |              | Back        | 132597 | 1772.5      | 0.060            | 0.043               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.048                |
|                     |              | Left        | 132597 | 1772.5      | 0.100            | 0.021               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.023                |
|                     |              | Right       | 132597 | 1772.5      | -0.020           | 0.007               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.008                |
|                     |              | Top         | 132597 | 1772.5      | -0.100           | 0.046               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.051                |
|                     |              | Bottom      | 132597 | 1772.5      | 0.050            | 0.002               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.002                |
|                     | 50%RB        | Front       | 132597 | 1772.5      | -0.140           | 0.038               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.042                |
|                     |              | Back        | 132597 | 1772.5      | -0.170           | 0.044               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.049                |
|                     |              | Left        | 132597 | 1772.5      | 0.160            | 0.019               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.021                |
|                     |              | Right       | 132597 | 1772.5      | -0.130           | 0.008               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.009                |
|                     |              | Top         | 132597 | 1772.5      | 0.160            | 0.045               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.050                |
|                     |              | Bottom      | 132597 | 1772.5      | -0.100           | 0.003               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.003                |

### 11.4.4 Results overview of NR

| Mode                 | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| NR n5<br>(BW: 10MHz) | 1RB          | Left Cheek  | 167300 | 836.5       | -0.050           | 0.154               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.167                |
|                      |              | Left Tilt   | 167300 | 836.5       | -0.010           | 0.096               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.104                |
|                      |              | Right Cheek | 167300 | 836.5       | -0.080           | 0.197               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.214                |
|                      |              | Right Tilt  | 167300 | 836.5       | 0.030            | 0.110               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.119                |
|                      | 50%RB        | Left Cheek  | 167300 | 836.5       | -0.010           | 0.152               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.165                |
|                      |              | Left Tilt   | 167300 | 836.5       | 0.080            | 0.099               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.107                |
|                      |              | Right Cheek | 167300 | 836.5       | 0.020            | 0.196               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.212                |
|                      |              | Right Tilt  | 167300 | 836.5       | 0.020            | 0.108               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.117                |
| Mode                 | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| NR n5<br>(BW: 10MHz) | 1RB          | Front       | 167300 | 836.5       | 0.060            | 0.215               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.233                |
|                      |              | Back        | 167300 | 836.5       | -0.080           | 0.253               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.274                |
|                      |              | Left        | 167300 | 836.5       | 0.190            | 0.190               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.206                |
|                      |              | Right       | 167300 | 836.5       | 0.030            | 0.262               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.284                |
|                      |              | Top         | 167300 | 836.5       | -0.160           | 0.013               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.014                |
|                      |              | Bottom      | 167300 | 836.5       | -0.020           | 0.563               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.610                |
|                      | 50%RB        | Front       | 167300 | 836.5       | 0.190            | 0.206               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.223                |
|                      |              | Back        | 167300 | 836.5       | 0.040            | 0.250               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.271                |
|                      |              | Left        | 167300 | 836.5       | -0.010           | 0.185               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.201                |
|                      |              | Right side  | 167300 | 836.5       | -0.110           | 0.260               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.282                |
|                      |              | Top side    | 167300 | 836.5       | -0.050           | 0.016               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.017                |
|                      |              | Bottom side | 167300 | 836.5       | -0.070           | 0.556               | 100            | 1.00              | 25.15             | 25.50                    | 1.084          | 0.603                |

| Mode                 | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| NR n7<br>(BW: 20MHz) | 1RB          | Left Cheek  | 507000 | 2535.0      | 0.050            | 0.151               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.161                |
|                      |              | Left Tilt   | 507000 | 2535.0      | 0.100            | 0.230               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.246                |
|                      |              | Right Cheek | 507000 | 2535.0      | 0.080            | 0.513               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.548                |
|                      |              | Right Tilt  | 507000 | 2535.0      | 0.010            | 0.879               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.940                |
|                      |              | Right Tilt  | 507000 | 2535.0      | -0.030           | 0.822               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.879                |
|                      | 50%RB        | Left Cheek  | 507000 | 2535.0      | 0.200            | 0.160               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.171                |
|                      |              | Left Tilt   | 507000 | 2535.0      | 0.110            | 0.249               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.266                |
|                      |              | Right Cheek | 507000 | 2535.0      | 0.150            | 0.510               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.545                |
|                      |              | Right Tilt  | 507000 | 2535.0      | -0.130           | 0.855               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.914                |
|                      |              | Right Tilt  | 507000 | 2535.0      | -0.200           | 0.806               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.862                |
| Mode                 | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| NR n7<br>(BW: 20MHz) | 1RB          | Front       | 507000 | 2535.0      | 0.020            | 0.150               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.160                |
|                      |              | Back        | 507000 | 2535.0      | -0.140           | 0.231               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.247                |
|                      |              | Left        | 507000 | 2535.0      | -0.110           | 0.100               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.107                |
|                      |              | Right       | 507000 | 2535.0      | 0.160            | 0.138               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.148                |
|                      |              | Top         | 507000 | 2535.0      | -0.020           | 0.151               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.161                |
|                      | 50%RB        | Bottom      | 507000 | 2535.0      | 0.190            | 0.007               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.007                |
|                      |              | Front       | 507000 | 2535.0      | 0.170            | 0.148               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.158                |
|                      |              | Back        | 507000 | 2535.0      | 0.000            | 0.227               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.243                |
|                      |              | Left        | 507000 | 2535.0      | 0.170            | 0.096               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.103                |
|                      |              | Right       | 507000 | 2535.0      | 0.110            | 0.140               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.150                |
|                      |              | Top         | 507000 | 2535.0      | 0.110            | 0.148               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.158                |
|                      |              | Bottom      | 507000 | 2535.0      | 0.020            | 0.007               | 100            | 1.00              | 23.71             | 24.00                    | 1.069          | 0.007                |

| Band  | Ch.    | Channel Type | EUT Position | Measure SAR(W/kg) |          |           |
|-------|--------|--------------|--------------|-------------------|----------|-----------|
|       |        |              |              | Original          | Repeated | SAR ratio |
| NR n7 | 507000 | 1RB          | Right Tilt   | 0.879             | 0.822    | 1.07      |
|       |        | 50%RB        | Right Tilt   | 0.855             | 0.806    | 1.06      |

Note: the ratio of largest to smallest SAR for the original and first repeated measurements is < 1.20 , so second repeated measurement is not required.

| Mode                  | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-----------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| NR n12<br>(BW: 10MHz) | 1RB          | Left Cheek  | 141500 | 707.5       | -0.120           | 0.083               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.091                |
|                       |              | Left Tilt   | 141500 | 707.5       | 0.000            | 0.058               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.064                |
|                       |              | Right Cheek | 141500 | 707.5       | 0.050            | 0.101               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.111                |
|                       |              | Right Tilt  | 141500 | 707.5       | -0.160           | 0.074               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.081                |
|                       | 50%RB        | Left Cheek  | 141500 | 707.5       | -0.070           | 0.089               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.098                |
|                       |              | Left Tilt   | 141500 | 707.5       | -0.030           | 0.101               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.111                |
|                       |              | Right Cheek | 141500 | 707.5       | -0.090           | 0.072               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.079                |
| Mode                  | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| NR n12<br>(BW: 10MHz) | 1RB          | Front       | 141500 | 707.5       | 0.160            | 0.172               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.189                |
|                       |              | Back        | 141500 | 707.5       | -0.030           | 0.207               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.227                |
|                       |              | Left        | 141500 | 707.5       | 0.030            | 0.141               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.155                |
|                       |              | Right       | 141500 | 707.5       | 0.190            | 0.185               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.203                |
|                       |              | Top         | 141500 | 707.5       | -0.020           | 0.006               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.007                |
|                       |              | Bottom      | 141500 | 707.5       | -0.040           | 0.257               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.282                |
|                       | 50%RB        | Front       | 141500 | 707.5       | 0.190            | 0.175               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.192                |
|                       |              | Back        | 141500 | 707.5       | 0.190            | 0.214               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.235                |
|                       |              | Left        | 141500 | 707.5       | -0.130           | 0.136               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.149                |
|                       |              | Right       | 141500 | 707.5       | 0.010            | 0.182               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.200                |
|                       |              | Top         | 141500 | 707.5       | -0.110           | 0.008               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.009                |
|                       |              | Bottom      | 141500 | 707.5       | 0.030            | 0.252               | 100            | 1.00              | 25.09             | 25.50                    | 1.099          | 0.277                |

| Mode                  | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-----------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| NR n38<br>(BW: 20MHz) | 1RB          | Left Cheek  | 522500 | 2580.0      | -0.140           | 0.036               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.037                |
|                       |              | Left Tilt   | 522500 | 2580.0      | 0.030            | 0.027               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.028                |
|                       |              | Right Cheek | 522500 | 2580.0      | 0.000            | 0.015               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.015                |
|                       |              | Right Tilt  | 522500 | 2580.0      | 0.050            | 0.018               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.018                |
|                       | 50%RB        | Left Cheek  | 522500 | 2580.0      | -0.180           | 0.033               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.034                |
|                       |              | Left Tilt   | 522500 | 2580.0      | 0.090            | 0.025               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.026                |
|                       |              | Right Cheek | 522500 | 2580.0      | -0.010           | 0.014               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.014                |
| NR n38<br>(BW: 20MHz) | 1RB          | Right Tilt  | 522500 | 2580.0      | 0.050            | 0.020               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.020                |
|                       |              | Front       | 522500 | 2580.0      | 0.110            | 0.082               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.084                |
|                       |              | Back        | 522500 | 2580.0      | -0.030           | 0.110               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.112                |
|                       |              | Left        | 522500 | 2580.0      | -0.150           | 0.079               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.081                |
|                       |              | Right       | 522500 | 2580.0      | 0.030            | 0.116               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.118                |
|                       |              | Top         | 522500 | 2580.0      | -0.060           | 0.006               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.006                |
|                       | 50%RB        | Bottom      | 522500 | 2580.0      | 0.020            | 0.190               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.194                |
|                       |              | Front       | 522500 | 2580.0      | -0.050           | 0.085               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.087                |
|                       |              | Back        | 522500 | 2580.0      | 0.050            | 0.119               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.121                |
|                       |              | Left        | 522500 | 2580.0      | -0.070           | 0.073               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.075                |
|                       |              | Right       | 522500 | 2580.0      | 0.180            | 0.112               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.114                |
|                       |              | Top         | 522500 | 2580.0      | -0.120           | 0.009               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.009                |
|                       |              | Bottom      | 522500 | 2580.0      | 0.150            | 0.179               | 100            | 1.00              | 24.41             | 24.50                    | 1.021          | 0.183                |

| Mode                 | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| NR n41<br>(BW:20MHz) | 1RB          | Left Cheek  | 528000 | 2640.0      | -0.020           | 0.038               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.039                |
|                      |              | Left Tilt   | 528000 | 2640.0      | -0.170           | 0.022               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.023                |
|                      |              | Right Cheek | 528000 | 2640.0      | 0.020            | 0.020               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.021                |
|                      |              | Right Tilt  | 528000 | 2640.0      | 0.030            | 0.017               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.018                |
|                      | 50%RB        | Left Cheek  | 528000 | 2640.0      | 0.190            | 0.035               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.036                |
|                      |              | Left Tilt   | 528000 | 2640.0      | 0.020            | 0.021               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.022                |
|                      |              | Right Cheek | 528000 | 2640.0      | -0.010           | 0.023               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.024                |
|                      |              | Right Tilt  | 528000 | 2640.0      | 0.020            | 0.016               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.016                |
| Mode                 | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| NR n41<br>(BW:20MHz) | 1RB          | Front       | 528000 | 2640.0      | 0.030            | 0.092               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.095                |
|                      |              | Back        | 528000 | 2640.0      | -0.080           | 0.115               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.118                |
|                      |              | Left        | 528000 | 2640.0      | -0.030           | 0.088               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.091                |
|                      |              | Right       | 528000 | 2640.0      | -0.030           | 0.106               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.109                |
|                      |              | Top         | 528000 | 2640.0      | -0.100           | 0.006               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.006                |
|                      |              | Bottom      | 528000 | 2640.0      | 0.010            | 0.191               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.197                |
|                      | 50%RB        | Front       | 528000 | 2640.0      | -0.070           | 0.088               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.091                |
|                      |              | Back        | 528000 | 2640.0      | 0.120            | 0.126               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.130                |
|                      |              | Left        | 528000 | 2640.0      | 0.140            | 0.084               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.087                |
|                      |              | Right       | 528000 | 2640.0      | 0.060            | 0.109               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.112                |
|                      |              | Top         | 528000 | 2640.0      | -0.130           | 0.005               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.005                |
|                      |              | Bottom      | 528000 | 2640.0      | -0.160           | 0.185               | 100            | 1.00              | 24.37             | 24.50                    | 1.030          | 0.191                |

| Mode                 | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| NR n48<br>(BW:20MHz) | 1RB          | Left Cheek  | 641666 | 3625.0      | 0.050            | 0.210               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.234                |
|                      |              | Left Tilt   | 641666 | 3625.0      | 0.090            | 0.486               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.542                |
|                      |              | Right Cheek | 641666 | 3625.0      | -0.050           | 0.121               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.135                |
|                      |              | Right Tilt  | 641666 | 3625.0      | 0.170            | 0.149               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.166                |
|                      | 50%RB        | Left Cheek  | 641666 | 3625.0      | -0.030           | 0.204               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.227                |
|                      |              | Left Tilt   | 641666 | 3625.0      | -0.120           | 0.456               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.508                |
|                      |              | Right Cheek | 641666 | 3625.0      | 0.100            | 0.109               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.121                |
|                      |              | Right Tilt  | 641666 | 3625.0      | 0.190            | 0.156               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.174                |
| Mode                 | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| NR n48<br>(BW:20MHz) | 1RB          | Front       | 641666 | 3625.0      | 0.140            | 0.058               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.065                |
|                      |              | Back        | 641666 | 3625.0      | -0.080           | 0.067               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.075                |
|                      |              | Left        | 641666 | 3625.0      | -0.170           | 0.048               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.053                |
|                      |              | Right       | 641666 | 3625.0      | 0.020            | 0.083               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.092                |
|                      |              | Top         | 641666 | 3625.0      | -0.060           | 0.117               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.130                |
|                      |              | Bottom      | 641666 | 3625.0      | 0.010            | 0.005               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.006                |
|                      | 50%RB        | Front       | 641666 | 3625.0      | 0.060            | 0.056               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.062                |
|                      |              | Back        | 641666 | 3625.0      | -0.180           | 0.066               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.074                |
|                      |              | Left        | 641666 | 3625.0      | 0.140            | 0.046               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.051                |
|                      |              | Right       | 641666 | 3625.0      | -0.040           | 0.086               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.096                |
|                      |              | Top         | 641666 | 3625.0      | -0.170           | 0.119               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.133                |
|                      |              | Bottom      | 641666 | 3625.0      | -0.090           | 0.006               | 100            | 1.00              | 23.03             | 23.50                    | 1.114          | 0.007                |

| Mode              | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| NR n66 (BW:20MHz) | 1RB          | Left Cheek  | 355000 | 1775.0      | 0.020            | 0.088               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.088                |
|                   |              | Left Tilt   | 355000 | 1775.0      | -0.050           | 0.161               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.162                |
|                   |              | Right Cheek | 355000 | 1775.0      | -0.010           | 0.165               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.166                |
|                   |              | Right Tilt  | 355000 | 1775.0      | -0.020           | 0.346               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.348                |
|                   | 50%RB        | Left Cheek  | 355000 | 1775.0      | -0.100           | 0.085               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.085                |
|                   |              | Left Tilt   | 355000 | 1775.0      | 0.170            | 0.159               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.160                |
|                   |              | Right Cheek | 355000 | 1775.0      | -0.080           | 0.163               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.164                |
|                   |              | Right Tilt  | 355000 | 1775.0      | 0.090            | 0.344               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.346                |
| Mode              | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| NR n66 (BW:20MHz) | 1RB          | Front       | 355000 | 1775.0      | 0.010            | 0.028               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.028                |
|                   |              | Back        | 355000 | 1775.0      | 0.130            | 0.040               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.040                |
|                   |              | Left        | 355000 | 1775.0      | -0.080           | 0.043               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.043                |
|                   |              | Right       | 355000 | 1775.0      | 0.060            | 0.025               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.025                |
|                   |              | Top         | 355000 | 1775.0      | -0.020           | 0.056               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.056                |
|                   |              | Bottom      | 355000 | 1775.0      | 0.030            | 0.004               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.004                |
|                   | 50%RB        | Front       | 355000 | 1775.0      | 0.060            | 0.031               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.031                |
|                   |              | Back        | 355000 | 1775.0      | -0.120           | 0.042               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.042                |
|                   |              | Left        | 355000 | 1775.0      | 0.100            | 0.042               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.042                |
|                   |              | Right       | 355000 | 1775.0      | 0.100            | 0.023               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.023                |
|                   |              | Top         | 355000 | 1775.0      | 0.130            | 0.054               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.054                |
|                   |              | Bottom      | 355000 | 1775.0      | 0.020            | 0.003               | 100            | 1.00              | 23.98             | 24.00                    | 1.005          | 0.003                |

| Mode                         | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|------------------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| NR n77(3450-3550) (BW:20MHz) | 1RB          | Left Cheek  | 633334 | 3500.0      | 0.030            | 0.164               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.177                |
|                              |              | Left Tilt   | 633334 | 3500.0      | 0.060            | 0.371               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.401                |
|                              |              | Right Cheek | 633334 | 3500.0      | 0.180            | 0.135               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.146                |
|                              |              | Right Tilt  | 633334 | 3500.0      | 0.070            | 0.152               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.164                |
|                              | 50%RB        | Left Cheek  | 633334 | 3500.0      | -0.080           | 0.160               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.173                |
|                              |              | Left Tilt   | 633334 | 3500.0      | -0.180           | 0.352               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.381                |
|                              |              | Right Cheek | 633334 | 3500.0      | 0.070            | 0.117               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.127                |
|                              |              | Right Tilt  | 633334 | 3500.0      | -0.180           | 0.166               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.180                |
| Mode                         | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| NR n77(3450-3550) (BW:20MHz) | 1RB          | Front       | 633334 | 3500.0      | 0.160            | 0.045               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.049                |
|                              |              | Back        | 633334 | 3500.0      | 0.000            | 0.055               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.059                |
|                              |              | Left        | 633334 | 3500.0      | -0.010           | 0.017               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.018                |
|                              |              | Right       | 633334 | 3500.0      | 0.120            | 0.044               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.048                |
|                              |              | Top         | 633334 | 3500.0      | 0.020            | 0.096               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.104                |
|                              |              | Bottom      | 633334 | 3500.0      | 0.060            | 0.003               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.003                |
|                              | 50%RB        | Front       | 633334 | 3500.0      | 0.080            | 0.046               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.050                |
|                              |              | Back        | 633334 | 3500.0      | -0.010           | 0.053               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.057                |
|                              |              | Left        | 633334 | 3500.0      | -0.040           | 0.016               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.017                |
|                              |              | Right       | 633334 | 3500.0      | -0.050           | 0.042               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.045                |
|                              |              | Top         | 633334 | 3500.0      | -0.090           | 0.094               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.102                |
|                              |              | Bottom      | 633334 | 3500.0      | 0.110            | 0.004               | 100            | 1.00              | 26.16             | 26.50                    | 1.081          | 0.004                |

| Mode                            | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| NR n77(3550-3700)<br>(BW:20MHz) | 1RB          | Left Cheek  | 638334 | 3575.0      | -0.030           | 0.195               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.213                |
|                                 |              | Left Tilt   | 638334 | 3575.0      | 0.080            | 0.431               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.471                |
|                                 |              | Right Cheek | 638334 | 3575.0      | 0.030            | 0.125               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.137                |
|                                 |              | Right Tilt  | 638334 | 3575.0      | 0.000            | 0.147               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.161                |
|                                 | 50%RB        | Left Cheek  | 638334 | 3575.0      | 0.040            | 0.191               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.209                |
|                                 |              | Left Tilt   | 638334 | 3575.0      | -0.140           | 0.422               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.462                |
|                                 |              | Right Cheek | 638334 | 3575.0      | 0.190            | 0.123               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.135                |
|                                 |              | Right Tilt  | 638334 | 3575.0      | -0.110           | 0.150               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.164                |
| Mode                            | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| NR n77(3550-3700)<br>(BW:20MHz) | 1RB          | Front       | 638334 | 3575.0      | 0.120            | 0.053               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.058                |
|                                 |              | Back        | 638334 | 3575.0      | 0.070            | 0.061               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.067                |
|                                 |              | Left        | 638334 | 3575.0      | 0.000            | 0.016               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.018                |
|                                 |              | Right       | 638334 | 3575.0      | -0.030           | 0.048               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.053                |
|                                 |              | Top         | 638334 | 3575.0      | 0.030            | 0.104               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.114                |
|                                 |              | Bottom      | 638334 | 3575.0      | -0.090           | 0.003               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.003                |
|                                 | 50%RB        | Front       | 638334 | 3575.0      | -0.160           | 0.055               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.060                |
|                                 |              | Back        | 638334 | 3575.0      | 0.160            | 0.060               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.066                |
|                                 |              | Left        | 638334 | 3575.0      | -0.010           | 0.014               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.015                |
|                                 |              | Right       | 638334 | 3575.0      | -0.020           | 0.045               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.049                |
|                                 |              | Top         | 638334 | 3575.0      | 0.030            | 0.101               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.110                |
|                                 |              | Bottom      | 638334 | 3575.0      | -0.120           | 0.002               | 100            | 1.00              | 25.61             | 26.00                    | 1.094          | 0.002                |

| Mode                            | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| NR n77(3700-3980)<br>(BW:20MHz) | 1RB          | Left Cheek  | 656000 | 3890.0      | -0.070           | 0.103               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.113                |
|                                 |              | Left Tilt   | 656000 | 3890.0      | 0.130            | 0.336               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.369                |
|                                 |              | Right Cheek | 656000 | 3890.0      | -0.180           | 0.094               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.103                |
|                                 |              | Right Tilt  | 656000 | 3890.0      | 0.040            | 0.118               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.130                |
|                                 | 50%RB        | Left Cheek  | 656000 | 3890.0      | 0.120            | 0.098               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.108                |
|                                 |              | Left Tilt   | 656000 | 3890.0      | -0.080           | 0.331               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.364                |
|                                 |              | Right Cheek | 656000 | 3890.0      | -0.100           | 0.090               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.099                |
|                                 |              | Right Tilt  | 656000 | 3890.0      | 0.100            | 0.110               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.121                |
| Mode                            | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| NR n77(3700-3980)<br>(BW:20MHz) | 1RB          | Front       | 656000 | 3890.0      | 0.090            | 0.047               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.052                |
|                                 |              | Back        | 656000 | 3890.0      | 0.020            | 0.059               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.065                |
|                                 |              | Left        | 656000 | 3890.0      | -0.070           | 0.020               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.022                |
|                                 |              | Right       | 656000 | 3890.0      | -0.130           | 0.051               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.056                |
|                                 |              | Top         | 656000 | 3890.0      | 0.010            | 0.072               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.079                |
|                                 |              | Bottom      | 656000 | 3890.0      | 0.040            | 0.009               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.010                |
|                                 | 50%RB        | Front       | 656000 | 3890.0      | 0.030            | 0.044               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.048                |
|                                 |              | Back        | 656000 | 3890.0      | -0.090           | 0.056               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.062                |
|                                 |              | Left        | 656000 | 3890.0      | 0.150            | 0.019               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.021                |
|                                 |              | Right       | 656000 | 3890.0      | -0.150           | 0.052               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.057                |
|                                 |              | Top         | 656000 | 3890.0      | 0.170            | 0.071               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.078                |
|                                 |              | Bottom      | 656000 | 3890.0      | -0.040           | 0.007               | 100            | 1.00              | 25.59             | 26.00                    | 1.099          | 0.008                |

| Mode                         | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|------------------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| NR n78(3450-3550) (BW:20MHz) | 1RB          | Left Cheek  | 630334 | 3455.0      | 0.080            | 0.154               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.165                |
|                              |              | Left Tilt   | 630334 | 3455.0      | 0.050            | 0.377               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.403                |
|                              |              | Right Cheek | 630334 | 3455.0      | -0.070           | 0.120               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.128                |
|                              |              | Right Tilt  | 630334 | 3455.0      | 0.060            | 0.133               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.142                |
|                              | 50%RB        | Left Cheek  | 630334 | 3455.0      | 0.080            | 0.159               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.170                |
|                              |              | Left Tilt   | 630334 | 3455.0      | -0.070           | 0.360               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.385                |
|                              |              | Right Cheek | 630334 | 3455.0      | 0.190            | 0.115               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.123                |
|                              |              | Right Tilt  | 630334 | 3455.0      | -0.150           | 0.129               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.138                |
| Mode                         | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| NR n78(3450-3550) (BW:20MHz) | 1RB          | Front       | 630334 | 3455.0      | -0.050           | 0.050               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.053                |
|                              |              | Back        | 630334 | 3455.0      | -0.060           | 0.062               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.066                |
|                              |              | Left        | 630334 | 3455.0      | -0.150           | 0.026               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.028                |
|                              |              | Right       | 630334 | 3455.0      | 0.010            | 0.068               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.073                |
|                              |              | Top         | 630334 | 3455.0      | -0.040           | 0.098               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.105                |
|                              |              | Bottom      | 630334 | 3455.0      | 0.030            | 0.012               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.013                |
|                              | 50%RB        | Front       | 630334 | 3455.0      | 0.140            | 0.052               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.056                |
|                              |              | Back        | 630334 | 3455.0      | -0.190           | 0.065               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.069                |
|                              |              | Left        | 630334 | 3455.0      | -0.080           | 0.029               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.031                |
|                              |              | Right       | 630334 | 3455.0      | -0.140           | 0.071               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.076                |
|                              |              | Top         | 630334 | 3455.0      | 0.110            | 0.095               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.102                |
|                              |              | Bottom      | 630334 | 3455.0      | -0.160           | 0.013               | 100            | 1.00              | 26.71             | 27.00                    | 1.069          | 0.014                |

| Mode                         | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|------------------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| NR n78(3550-3700) (BW:20MHz) | 1RB          | Left Cheek  | 640000 | 3600.0      | 0.010            | 0.170               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.178                |
|                              |              | Left Tilt   | 640000 | 3600.0      | 0.040            | 0.403               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.422                |
|                              |              | Right Cheek | 640000 | 3600.0      | -0.060           | 0.112               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.117                |
|                              |              | Right Tilt  | 640000 | 3600.0      | 0.000            | 0.143               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.150                |
|                              | 50%RB        | Left Cheek  | 640000 | 3600.0      | -0.150           | 0.175               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.183                |
|                              |              | Left Tilt   | 640000 | 3600.0      | -0.010           | 0.400               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.419                |
|                              |              | Right Cheek | 640000 | 3600.0      | 0.180            | 0.115               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.120                |
|                              |              | Right Tilt  | 640000 | 3600.0      | 0.170            | 0.145               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.152                |
| Mode                         | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| NR n78(3550-3700) (BW:20MHz) | 1RB          | Front       | 640000 | 3600.0      | 0.050            | 0.049               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.051                |
|                              |              | Back        | 640000 | 3600.0      | -0.130           | 0.058               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.061                |
|                              |              | Left        | 640000 | 3600.0      | 0.040            | 0.021               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.022                |
|                              |              | Right       | 640000 | 3600.0      | -0.020           | 0.063               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.066                |
|                              |              | Top         | 640000 | 3600.0      | -0.100           | 0.102               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.107                |
|                              |              | Bottom      | 640000 | 3600.0      | 0.030            | 0.011               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.012                |
|                              | 50%RB        | Front       | 640000 | 3600.0      | -0.110           | 0.045               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.047                |
|                              |              | Back        | 640000 | 3600.0      | 0.100            | 0.060               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.063                |
|                              |              | Left        | 640000 | 3600.0      | 0.110            | 0.020               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.021                |
|                              |              | Right       | 640000 | 3600.0      | 0.170            | 0.065               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.068                |
|                              |              | Top         | 640000 | 3600.0      | -0.160           | 0.097               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.102                |
|                              |              | Bottom      | 640000 | 3600.0      | 0.190            | 0.010               | 100            | 1.00              | 25.80             | 26.00                    | 1.047          | 0.010                |

| Mode                            | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. Tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| NR n78(3700-3800)<br>(BW:20MHz) | 1RB          | Left Cheek  | 650000 | 3750.0      | 0.040            | 0.199               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.216                |
|                                 |              | Left Tilt   | 650000 | 3750.0      | 0.050            | 0.458               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.498                |
|                                 |              | Right Cheek | 650000 | 3750.0      | 0.110            | 0.114               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.124                |
|                                 |              | Right Tilt  | 650000 | 3750.0      | -0.180           | 0.136               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.148                |
|                                 | 50%RB        | Left Cheek  | 650000 | 3750.0      | -0.160           | 0.195               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.212                |
|                                 |              | Left Tilt   | 650000 | 3750.0      | 0.000            | 0.443               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.481                |
|                                 |              | Right Cheek | 650000 | 3750.0      | -0.140           | 0.110               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.120                |
|                                 |              | Right Tilt  | 650000 | 3750.0      | 0.110            | 0.140               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.152                |
| Mode                            | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. Tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| NR n78(3700-3800)<br>(BW:20MHz) | 1RB          | Front       | 650000 | 3750.0      | -0.180           | 0.053               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.058                |
|                                 |              | Back        | 650000 | 3750.0      | 0.040            | 0.069               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.075                |
|                                 |              | Left        | 650000 | 3750.0      | -0.090           | 0.022               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.024                |
|                                 |              | Right       | 650000 | 3750.0      | 0.080            | 0.065               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.071                |
|                                 |              | Top         | 650000 | 3750.0      | 0.020            | 0.103               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.112                |
|                                 |              | Bottom      | 650000 | 3750.0      | 0.090            | 0.015               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.016                |
|                                 | 50%RB        | Front       | 650000 | 3750.0      | 0.080            | 0.051               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.055                |
|                                 |              | Back        | 650000 | 3750.0      | -0.090           | 0.072               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.078                |
|                                 |              | Left        | 650000 | 3750.0      | 0.020            | 0.020               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.022                |
|                                 |              | Right       | 650000 | 3750.0      | -0.140           | 0.068               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.074                |
|                                 |              | Top         | 650000 | 3750.0      | 0.100            | 0.098               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.106                |
|                                 |              | Bottom      | 650000 | 3750.0      | 0.110            | 0.012               | 100            | 1.00              | 25.64             | 26.00                    | 1.086          | 0.013                |

### 11.4.5 Results overview of NSA

| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 2-n7<br>(BW: 20MHz) | 1RB          | Left Cheek  | 18625 | 1852.5      | -0.080           | 0.110               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.117                |
|                     |              | Left Tilt   | 18625 | 1852.5      | -0.130           | 0.195               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.207                |
|                     |              | Right Cheek | 18625 | 1852.5      | 0.010            | 0.216               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.229                |
|                     |              | Right Tilt  | 18625 | 1852.5      | 0.020            | 0.342               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.363                |
|                     | 50%RB        | Left Cheek  | 18625 | 1852.5      | 0.090            | 0.105               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.111                |
|                     |              | Left Tilt   | 18625 | 1852.5      | 0.040            | 0.189               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.201                |
|                     |              | Right Cheek | 18625 | 1852.5      | -0.160           | 0.211               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.224                |
|                     |              | Right Tilt  | 18625 | 1852.5      | -0.060           | 0.335               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.356                |
| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 2-n7<br>(BW: 20MHz) | 1RB          | Front       | 18625 | 1852.5      | 0.040            | 0.054               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.057                |
|                     |              | Back        | 18625 | 1852.5      | -0.170           | 0.065               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.069                |
|                     |              | Left        | 18625 | 1852.5      | 0.050            | 0.041               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.044                |
|                     |              | Right       | 18625 | 1852.5      | -0.080           | 0.011               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.012                |
|                     |              | Top         | 18625 | 1852.5      | -0.030           | 0.076               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.081                |
|                     |              | Bottom      | 18625 | 1852.5      | 0.030            | 0.038               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.040                |
|                     | 50%RB        | Front       | 18625 | 1852.5      | 0.180            | 0.052               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.055                |
|                     |              | Back        | 18625 | 1852.5      | -0.020           | 0.066               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.070                |
|                     |              | Left        | 18625 | 1852.5      | 0.130            | 0.039               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.041                |
|                     |              | Right       | 18625 | 1852.5      | 0.100            | 0.009               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.010                |
|                     |              | Top         | 18625 | 1852.5      | 0.110            | 0.074               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.079                |
|                     |              | Bottom      | 18625 | 1852.5      | 0.150            | 0.035               | 100            | 1.00              | 23.24             | 23.50                    | 1.062          | 0.037                |

| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 2-n66<br>(BW: 20MHz) | 1RB          | Left Cheek  | 18900 | 1880.0      | 0.090            | 0.081               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.086                |
|                      |              | Left Tilt   | 18900 | 1880.0      | -0.080           | 0.145               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.153                |
|                      |              | Right Cheek | 18900 | 1880.0      | 0.130            | 0.122               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.129                |
|                      |              | Right Tilt  | 18900 | 1880.0      | 0.110            | 0.273               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.289                |
|                      | 50%RB        | Left Cheek  | 18900 | 1880.0      | -0.200           | 0.078               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.082                |
|                      |              | Left Tilt   | 18900 | 1880.0      | -0.120           | 0.143               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.151                |
|                      |              | Right Cheek | 18900 | 1880.0      | 0.030            | 0.120               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.127                |
|                      |              | Right Tilt  | 18900 | 1880.0      | -0.090           | 0.265               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.280                |
| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 2-n66<br>(BW: 20MHz) | 1RB          | Front       | 18900 | 1880.0      | -0.060           | 0.033               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.035                |
|                      |              | Back        | 18900 | 1880.0      | 0.040            | 0.039               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.041                |
|                      |              | Left        | 18900 | 1880.0      | -0.160           | 0.280               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.296                |
|                      |              | Right       | 18900 | 1880.0      | 0.010            | 0.014               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.015                |
|                      |              | Top         | 18900 | 1880.0      | 0.000            | 0.053               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.056                |
|                      |              | Bottom      | 18900 | 1880.0      | 0.070            | 0.017               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.018                |
|                      | 50%RB        | Front       | 18900 | 1880.0      | 0.140            | 0.031               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.033                |
|                      |              | Back        | 18900 | 1880.0      | -0.030           | 0.037               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.039                |
|                      |              | Left        | 18900 | 1880.0      | 0.010            | 0.026               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.027                |
|                      |              | Right       | 18900 | 1880.0      | -0.100           | 0.015               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.016                |
|                      |              | Top         | 18900 | 1880.0      | 0.090            | 0.052               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.055                |
|                      |              | Bottom      | 18900 | 1880.0      | 0.130            | 0.015               | 100            | 1.00              | 23.26             | 23.50                    | 1.057          | 0.016                |

| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 2-n78<br>(BW: 20MHz) | 1RB          | Left Cheek  | 18900 | 1880.0      | -0.080           | 0.145               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.154                |
|                      |              | Left Tilt   | 18900 | 1880.0      | 0.000            | 0.336               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.358                |
|                      |              | Right Cheek | 18900 | 1880.0      | 0.030            | 0.058               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.062                |
|                      |              | Right Tilt  | 18900 | 1880.0      | 0.030            | 0.093               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.099                |
|                      | 50%RB        | Left Cheek  | 18900 | 1880.0      | -0.090           | 0.134               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.143                |
|                      |              | Left Tilt   | 18900 | 1880.0      | 0.150            | 0.321               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.342                |
|                      |              | Right Cheek | 18900 | 1880.0      | -0.190           | 0.051               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.054                |
|                      |              | Right Tilt  | 18900 | 1880.0      | -0.140           | 0.085               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.090                |
| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 2-n78<br>(BW: 20MHz) | 1RB          | Front       | 18900 | 1880.0      | 0.030            | 0.127               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.135                |
|                      |              | Back        | 18900 | 1880.0      | -0.020           | 0.152               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.162                |
|                      |              | Left        | 18900 | 1880.0      | 0.000            | 0.169               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.180                |
|                      |              | Right       | 18900 | 1880.0      | 0.080            | 0.103               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.110                |
|                      |              | Top         | 18900 | 1880.0      | 0.130            | 0.039               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.042                |
|                      |              | Bottom      | 18900 | 1880.0      | -0.050           | 0.237               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.252                |
|                      | 50%RB        | Front       | 18900 | 1880.0      | -0.140           | 0.121               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.129                |
|                      |              | Back        | 18900 | 1880.0      | 0.060            | 0.165               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.176                |
|                      |              | Left        | 18900 | 1880.0      | 0.010            | 0.163               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.173                |
|                      |              | Right       | 18900 | 1880.0      | 0.060            | 0.106               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.113                |
|                      |              | Top         | 18900 | 1880.0      | 0.150            | 0.035               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.037                |
|                      |              | Bottom      | 18900 | 1880.0      | 0.050            | 0.224               | 100            | 1.00              | 22.73             | 23.00                    | 1.064          | 0.238                |

| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 4-n7<br>(BW: 20MHz) | 1RB          | Left Cheek  | 20375 | 1752.5      | 0.060            | 0.157               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.158                |
|                     |              | Left Tilt   | 20375 | 1752.5      | 0.080            | 0.255               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.256                |
|                     |              | Right Cheek | 20375 | 1752.5      | 0.120            | 0.392               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.394                |
|                     |              | Right Tilt  | 20375 | 1752.5      | 0.020            | 0.642               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.645                |
|                     | 50%RB        | Left Cheek  | 20375 | 1752.5      | 0.010            | 0.152               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.153                |
|                     |              | Left Tilt   | 20375 | 1752.5      | -0.050           | 0.251               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.252                |
|                     |              | Right Cheek | 20375 | 1752.5      | 0.100            | 0.390               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.392                |
|                     |              | Right Tilt  | 20375 | 1752.5      | -0.090           | 0.636               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.639                |
| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 4-n7<br>(BW: 20MHz) | 1RB          | Front       | 20375 | 1752.5      | 0.130            | 0.204               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.205                |
|                     |              | Back        | 20375 | 1752.5      | -0.140           | 0.259               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.260                |
|                     |              | Left        | 20375 | 1752.5      | -0.020           | 0.192               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.193                |
|                     |              | Right       | 20375 | 1752.5      | 0.090            | 0.034               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.034                |
|                     |              | Top         | 20375 | 1752.5      | 0.060            | 0.119               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.120                |
|                     |              | Bottom      | 20375 | 1752.5      | -0.170           | 0.421               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.423                |
|                     | 50%RB        | Front       | 20375 | 1752.5      | -0.020           | 0.201               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.202                |
|                     |              | Back        | 20375 | 1752.5      | 0.050            | 0.255               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.256                |
|                     |              | Left        | 20375 | 1752.5      | 0.140            | 0.184               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.185                |
|                     |              | Right       | 20375 | 1752.5      | -0.160           | 0.033               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.033                |
|                     |              | Top         | 20375 | 1752.5      | 0.070            | 0.116               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.117                |
|                     |              | Bottom      | 20375 | 1752.5      | 0.010            | 0.415               | 100            | 1.00              | 22.98             | 23.00                    | 1.005          | 0.417                |

| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 4-n41<br>(BW: 20MHz) | 1RB          | Left Cheek  | 20175 | 1732.5      | -0.120           | 0.065               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.073                |
|                      |              | Left Tilt   | 20175 | 1732.5      | -0.190           | 0.104               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.116                |
|                      |              | Right Cheek | 20175 | 1732.5      | -0.050           | 0.079               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.088                |
|                      |              | Right Tilt  | 20175 | 1732.5      | 0.000            | 0.137               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.153                |
|                      | 50%RB        | Left Cheek  | 20175 | 1732.5      | 0.030            | 0.062               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.069                |
|                      |              | Left Tilt   | 20175 | 1732.5      | -0.060           | 0.110               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.123                |
|                      |              | Right Cheek | 20175 | 1732.5      | -0.140           | 0.077               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.086                |
|                      |              | Right Tilt  | 20175 | 1732.5      | 0.130            | 0.131               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.146                |
| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 4-n41<br>(BW: 20MHz) | 1RB          | Front       | 20175 | 1732.5      | -0.020           | 0.152               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.170                |
|                      |              | Back        | 20175 | 1732.5      | 0.050            | 0.190               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.212                |
|                      |              | Left        | 20175 | 1732.5      | 0.080            | 0.098               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.109                |
|                      |              | Right       | 20175 | 1732.5      | 0.140            | 0.025               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.028                |
|                      |              | Top         | 20175 | 1732.5      | -0.090           | 0.004               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.004                |
|                      |              | Bottom      | 20175 | 1732.5      | -0.060           | 0.435               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.486                |
|                      | 50%RB        | Front       | 20175 | 1732.5      | 0.070            | 0.150               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.168                |
|                      |              | Back        | 20175 | 1732.5      | -0.130           | 0.187               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.209                |
|                      |              | Left        | 20175 | 1732.5      | 0.010            | 0.100               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.112                |
|                      |              | Right       | 20175 | 1732.5      | 0.100            | 0.023               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.026                |
|                      |              | Top         | 20175 | 1732.5      | 0.010            | 0.003               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.003                |
|                      |              | Bottom      | 20175 | 1732.5      | 0.180            | 0.430               | 100            | 1.00              | 23.02             | 23.50                    | 1.117          | 0.480                |

| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 4-n78<br>(BW: 20MHz) | 1RB          | Left Cheek  | 20175 | 1732.5      | 0.030            | 0.108               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.114                |
|                      |              | Left Tilt   | 20175 | 1732.5      | 0.000            | 0.259               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.273                |
|                      |              | Right Cheek | 20175 | 1732.5      | -0.030           | 0.080               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.084                |
|                      |              | Right Tilt  | 20175 | 1732.5      | 0.030            | 0.079               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.083                |
|                      | 50%RB        | Left Cheek  | 20175 | 1732.5      | 0.190            | 0.116               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.122                |
|                      |              | Left Tilt   | 20175 | 1732.5      | -0.110           | 0.244               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.257                |
|                      |              | Right Cheek | 20175 | 1732.5      | 0.140            | 0.071               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.075                |
|                      |              | Right Tilt  | 20175 | 1732.5      | 0.090            | 0.085               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.090                |
| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 4-n78<br>(BW: 20MHz) | 1RB          | Front       | 20175 | 1732.5      | 0.010            | 0.199               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.210                |
|                      |              | Back        | 20175 | 1732.5      | -0.020           | 0.245               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.258                |
|                      |              | Left        | 20175 | 1732.5      | 0.160            | 0.211               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.222                |
|                      |              | Right       | 20175 | 1732.5      | 0.020            | 0.136               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.143                |
|                      |              | Top         | 20175 | 1732.5      | 0.020            | 0.036               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.038                |
|                      |              | Bottom      | 20175 | 1732.5      | -0.030           | 0.589               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.621                |
|                      | 50%RB        | Front       | 20175 | 1732.5      | 0.040            | 0.195               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.206                |
|                      |              | Back        | 20175 | 1732.5      | 0.170            | 0.239               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.252                |
|                      |              | Left        | 20175 | 1732.5      | -0.080           | 0.204               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.215                |
|                      |              | Right       | 20175 | 1732.5      | -0.130           | 0.140               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.148                |
|                      |              | Top         | 20175 | 1732.5      | 0.190            | 0.039               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.041                |
|                      |              | Bottom      | 20175 | 1732.5      | 0.140            | 0.587               | 100            | 1.00              | 22.77             | 23.00                    | 1.054          | 0.619                |

| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|---------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 5-n7<br>(BW: 10MHz) | 1RB          | Left Cheek  | 20600 | 844         | -0.030           | 0.091               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.098                |
|                     |              | Left Tilt   | 20600 | 844         | 0.020            | 0.127               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.137                |
|                     |              | Right Cheek | 20600 | 844         | 0.010            | 0.208               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.225                |
|                     |              | Right Tilt  | 20600 | 844         | -0.170           | 0.254               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.275                |
|                     | 50%RB        | Left Cheek  | 20600 | 844         | 0.070            | 0.088               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.095                |
|                     |              | Left Tilt   | 20600 | 844         | -0.140           | 0.123               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.133                |
|                     |              | Right Cheek | 20600 | 844         | 0.020            | 0.206               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.223                |
|                     |              | Right Tilt  | 20600 | 844         | 0.190            | 0.249               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.269                |
| Mode                | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 5-n7<br>(BW: 10MHz) | 1RB          | Front       | 20600 | 844         | 0.030            | 0.206               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.223                |
|                     |              | Back        | 20600 | 844         | -0.180           | 0.236               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.255                |
|                     |              | Left        | 20600 | 844         | -0.040           | 0.023               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.025                |
|                     |              | Right       | 20600 | 844         | 0.140            | 0.090               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.097                |
|                     |              | Top         | 20600 | 844         | 0.120            | 0.017               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.018                |
|                     |              | Bottom      | 20600 | 844         | -0.120           | 0.188               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.203                |
|                     | 50%RB        | Front       | 20600 | 844         | 0.050            | 0.204               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.221                |
|                     |              | Back        | 20600 | 844         | -0.140           | 0.231               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.250                |
|                     |              | Left        | 20600 | 844         | 0.070            | 0.022               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.024                |
|                     |              | Right       | 20600 | 844         | 0.120            | 0.087               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.094                |
|                     |              | Top         | 20600 | 844         | -0.070           | 0.018               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.019                |
|                     |              | Bottom      | 20600 | 844         | 0.180            | 0.185               | 100            | 1.00              | 23.16             | 23.50                    | 1.081          | 0.200                |

| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 5-n38<br>(BW: 10MHz) | 1RB          | Left Cheek  | 20425 | 826.4       | -0.030           | 0.084               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.090                |
|                      |              | Left Tilt   | 20425 | 826.4       | 0.010            | 0.046               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.049                |
|                      |              | Right Cheek | 20425 | 826.4       | 0.000            | 0.098               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.105                |
|                      |              | Right Tilt  | 20425 | 826.4       | -0.020           | 0.057               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.061                |
|                      | 50%RB        | Left Cheek  | 20425 | 826.4       | 0.010            | 0.080               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.086                |
|                      |              | Left Tilt   | 20425 | 826.4       | 0.150            | 0.048               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.051                |
|                      |              | Right Cheek | 20425 | 826.4       | -0.130           | 0.096               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.103                |
|                      |              | Right Tilt  | 20425 | 826.4       | 0.130            | 0.054               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.058                |
| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 5-n38<br>(BW: 10MHz) | 1RB          | Front       | 20425 | 826.4       | 0.050            | 0.182               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.195                |
|                      |              | Back        | 20425 | 826.4       | -0.120           | 0.214               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.229                |
|                      |              | Left        | 20425 | 826.4       | 0.020            | 0.019               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.020                |
|                      |              | Right       | 20425 | 826.4       | -0.010           | 0.092               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.098                |
|                      |              | Top         | 20425 | 826.4       | 0.050            | 0.002               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.002                |
|                      |              | Bottom      | 20425 | 826.4       | -0.010           | 0.213               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.228                |
|                      | 50%RB        | Front       | 20425 | 826.4       | -0.200           | 0.178               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.190                |
|                      |              | Back        | 20425 | 826.4       | -0.090           | 0.212               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.227                |
|                      |              | Left        | 20425 | 826.4       | 0.100            | 0.020               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.021                |
|                      |              | Right       | 20425 | 826.4       | 0.040            | 0.090               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.096                |
|                      |              | Top         | 20425 | 826.4       | -0.010           | 0.002               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.002                |
|                      |              | Bottom      | 20425 | 826.4       | 0.160            | 0.211               | 100            | 1.00              | 23.21             | 23.50                    | 1.069          | 0.226                |

| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 5-n41<br>(BW: 10MHz) | 1RB          | Left Cheek  | 20525 | 836.5       | 0.050            | 0.097               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.104                |
|                      |              | Left Tilt   | 20525 | 836.5       | 0.140            | 0.065               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.070                |
|                      |              | Right Cheek | 20525 | 836.5       | -0.010           | 0.112               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.121                |
|                      |              | Right Tilt  | 20525 | 836.5       | 0.040            | 0.080               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.086                |
|                      | 50%RB        | Left Cheek  | 20525 | 836.5       | 0.030            | 0.094               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.101                |
|                      |              | Left Tilt   | 20525 | 836.5       | -0.150           | 0.068               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.073                |
|                      |              | Right Cheek | 20525 | 836.5       | 0.020            | 0.112               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.121                |
|                      |              | Right Tilt  | 20525 | 836.5       | 0.040            | 0.083               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.089                |
| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 5-n41<br>(BW: 10MHz) | 1RB          | Front       | 20525 | 836.5       | -0.150           | 0.173               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.186                |
|                      |              | Back        | 20525 | 836.5       | 0.070            | 0.214               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.230                |
|                      |              | Left        | 20525 | 836.5       | 0.140            | 0.013               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.014                |
|                      |              | Right       | 20525 | 836.5       | -0.080           | 0.060               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.065                |
|                      |              | Top         | 20525 | 836.5       | 0.140            | 0.002               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.002                |
|                      |              | Bottom      | 20525 | 836.5       | -0.010           | 0.221               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.238                |
|                      | 50%RB        | Front       | 20525 | 836.5       | 0.080            | 0.171               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.184                |
|                      |              | Back        | 20525 | 836.5       | -0.010           | 0.211               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.227                |
|                      |              | Left        | 20525 | 836.5       | 0.030            | 0.013               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.014                |
|                      |              | Right       | 20525 | 836.5       | 0.140            | 0.058               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.062                |
|                      |              | Top         | 20525 | 836.5       | -0.020           | 0.002               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.002                |
|                      |              | Bottom      | 20525 | 836.5       | 0.120            | 0.217               | 100            | 1.00              | 23.18             | 23.50                    | 1.076          | 0.234                |

| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 5-n66<br>(BW: 10MHz) | 1RB          | Left Cheek  | 20525 | 836.5       | 0.070            | 0.144               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.150                |
|                      |              | Left Tilt   | 20525 | 836.5       | 0.010            | 0.341               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.355                |
|                      |              | Right Cheek | 20525 | 836.5       | -0.130           | 0.377               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.392                |
|                      |              | Right Tilt  | 20525 | 836.5       | 0.010            | 0.645               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.671                |
|                      | 50%RB        | Left Cheek  | 20525 | 836.5       | 0.050            | 0.165               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.172                |
|                      |              | Left Tilt   | 20525 | 836.5       | -0.070           | 0.368               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.383                |
|                      |              | Right Cheek | 20525 | 836.5       | 0.000            | 0.362               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.376                |
|                      |              | Right Tilt  | 20525 | 836.5       | 0.020            | 0.629               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.654                |
| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 5-n66<br>(BW: 10MHz) | 1RB          | Front       | 20525 | 836.5       | 0.090            | 0.187               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.194                |
|                      |              | Back        | 20525 | 836.5       | -0.070           | 0.228               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.237                |
|                      |              | Left        | 20525 | 836.5       | 0.070            | 0.084               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.087                |
|                      |              | Right       | 20525 | 836.5       | -0.140           | 0.017               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.018                |
|                      |              | Top         | 20525 | 836.5       | 0.030            | 0.002               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.002                |
|                      |              | Bottom      | 20525 | 836.5       | -0.100           | 0.235               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.244                |
|                      | 50%RB        | Front       | 20525 | 836.5       | 0.040            | 0.180               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.187                |
|                      |              | Back        | 20525 | 836.5       | -0.080           | 0.224               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.233                |
|                      |              | Left        | 20525 | 836.5       | 0.100            | 0.082               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.085                |
|                      |              | Right       | 20525 | 836.5       | 0.070            | 0.017               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.018                |
|                      |              | Top         | 20525 | 836.5       | -0.120           | 0.002               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.002                |
|                      |              | Bottom      | 20525 | 836.5       | 0.040            | 0.229               | 100            | 1.00              | 23.33             | 23.50                    | 1.040          | 0.238                |

| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 5-n77<br>(BW: 10MHz) | 1RB          | Left Cheek  | 20600 | 844         | 0.060            | 0.091               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.094                |
|                      |              | Left Tilt   | 20600 | 844         | 0.010            | 0.196               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.203                |
|                      |              | Right Cheek | 20600 | 844         | 0.110            | 0.043               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.045                |
|                      |              | Right Tilt  | 20600 | 844         | -0.050           | 0.060               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.062                |
|                      | 50%RB        | Left Cheek  | 20600 | 844         | 0.170            | 0.078               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.081                |
|                      |              | Left Tilt   | 20600 | 844         | 0.100            | 0.189               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.196                |
|                      |              | Right Cheek | 20600 | 844         | -0.090           | 0.038               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.039                |
|                      |              | Right Tilt  | 20600 | 844         | -0.090           | 0.057               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.059                |
| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 5-n77<br>(BW: 10MHz) | 1RB          | Front       | 20600 | 844         | -0.090           | 0.201               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.208                |
|                      |              | Back        | 20600 | 844         | -0.030           | 0.243               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.252                |
|                      |              | Left        | 20600 | 844         | 0.040            | 0.141               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.146                |
|                      |              | Right       | 20600 | 844         | 0.000            | 0.189               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.196                |
|                      |              | Top         | 20600 | 844         | -0.010           | 0.043               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.045                |
|                      |              | Bottom      | 20600 | 844         | -0.020           | 0.273               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.283                |
|                      | 50%RB        | Front       | 20600 | 844         | 0.180            | 0.194               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.201                |
|                      |              | Back        | 20600 | 844         | 0.070            | 0.235               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.243                |
|                      |              | Left        | 20600 | 844         | -0.190           | 0.135               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.140                |
|                      |              | Right       | 20600 | 844         | -0.060           | 0.195               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.202                |
|                      |              | Top         | 20600 | 844         | 0.010            | 0.045               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.047                |
|                      |              | Bottom      | 20600 | 844         | -0.050           | 0.259               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.268                |

| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 5-n78<br>(BW: 10MHz) | 1RB          | Left Cheek  | 20525 | 836.5       | 0.060            | 0.069               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.071                |
|                      |              | Left Tilt   | 20525 | 836.5       | 0.010            | 0.149               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.154                |
|                      |              | Right Cheek | 20525 | 836.5       | -0.030           | 0.025               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.026                |
|                      |              | Right Tilt  | 20525 | 836.5       | -0.110           | 0.040               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.041                |
|                      | 50%RB        | Left Cheek  | 20525 | 836.5       | -0.200           | 0.062               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.064                |
|                      |              | Left Tilt   | 20525 | 836.5       | 0.030            | 0.144               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.149                |
|                      |              | Right Cheek | 20525 | 836.5       | 0.180            | 0.028               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.029                |
|                      |              | Right Tilt  | 20525 | 836.5       | 0.040            | 0.046               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.048                |
| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 5-n78<br>(BW: 10MHz) | 1RB          | Front       | 20525 | 836.5       | -0.130           | 0.064               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.066                |
|                      |              | Back        | 20525 | 836.5       | -0.080           | 0.050               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.052                |
|                      |              | Left        | 20525 | 836.5       | 0.110            | 0.024               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.025                |
|                      |              | Right       | 20525 | 836.5       | 0.030            | 0.029               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.030                |
|                      |              | Top         | 20525 | 836.5       | 0.020            | 0.015               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.016                |
|                      |              | Bottom      | 20525 | 836.5       | -0.110           | 0.035               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.036                |
|                      | 50%RB        | Front       | 20525 | 836.5       | -0.140           | 0.061               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.063                |
|                      |              | Back        | 20525 | 836.5       | 0.150            | 0.048               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.050                |
|                      |              | Left        | 20525 | 836.5       | 0.010            | 0.026               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.027                |
|                      |              | Right       | 20525 | 836.5       | -0.160           | 0.029               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.030                |
|                      |              | Top         | 20525 | 836.5       | 0.060            | 0.017               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.018                |
|                      |              | Bottom      | 20525 | 836.5       | 0.070            | 0.038               | 100            | 1.00              | 22.85             | 23.00                    | 1.035          | 0.039                |

| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 7-n66<br>(BW: 20MHz) | 1RB          | Left Cheek  | 21425 | 2567.5      | 0.010            | 0.074               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.082                |
|                      |              | Left Tilt   | 21425 | 2567.5      | -0.030           | 0.149               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.165                |
|                      |              | Right Cheek | 21425 | 2567.5      | 0.150            | 0.183               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.202                |
|                      |              | Right Tilt  | 21425 | 2567.5      | 0.190            | 0.266               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.294                |
|                      | 50%RB        | Left Cheek  | 21425 | 2567.5      | -0.120           | 0.071               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.078                |
|                      |              | Left Tilt   | 21425 | 2567.5      | -0.100           | 0.145               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.160                |
|                      |              | Right Cheek | 21425 | 2567.5      | -0.150           | 0.186               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.205                |
|                      |              | Right Tilt  | 21425 | 2567.5      | -0.160           | 0.264               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.291                |
| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 7-n66<br>(BW: 20MHz) | 1RB          | Front       | 21425 | 2567.5      | 0.020            | 0.034               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.038                |
|                      |              | Back        | 21425 | 2567.5      | 0.020            | 0.038               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.042                |
|                      |              | Left        | 21425 | 2567.5      | -0.020           | 0.025               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.028                |
|                      |              | Right       | 21425 | 2567.5      | 0.060            | 0.014               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.015                |
|                      |              | Top         | 21425 | 2567.5      | 0.010            | 0.044               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.049                |
|                      |              | Bottom      | 21425 | 2567.5      | -0.090           | 0.023               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.025                |
|                      | 50%RB        | Front       | 21425 | 2567.5      | -0.040           | 0.033               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.036                |
|                      |              | Back        | 21425 | 2567.5      | 0.110            | 0.038               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.042                |
|                      |              | Left        | 21425 | 2567.5      | -0.060           | 0.027               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.030                |
|                      |              | Right       | 21425 | 2567.5      | 0.010            | 0.014               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.015                |
|                      |              | Top         | 21425 | 2567.5      | 0.130            | 0.044               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.049                |
|                      |              | Bottom      | 21425 | 2567.5      | -0.080           | 0.021               | 100            | 1.00              | 23.07             | 23.50                    | 1.104          | 0.023                |

| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 7-n77<br>(BW: 20MHz) | 1RB          | Left Cheek  | 21100 | 2535        | -0.130           | 0.288               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.288                |
|                      |              | Left Tilt   | 21100 | 2535        | 0.000            | 0.595               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.595                |
|                      |              | Right Cheek | 21100 | 2535        | 0.060            | 0.112               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.112                |
|                      |              | Right Tilt  | 21100 | 2535        | 0.000            | 0.156               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.156                |
|                      | 50%RB        | Left Cheek  | 21100 | 2535        | -0.170           | 0.279               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.279                |
|                      |              | Left Tilt   | 21100 | 2535        | -0.070           | 0.582               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.582                |
|                      |              | Right Cheek | 21100 | 2535        | 0.140            | 0.107               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.107                |
|                      |              | Right Tilt  | 21100 | 2535        | -0.200           | 0.149               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.149                |
| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 7-n77<br>(BW: 20MHz) | 1RB          | Front       | 21100 | 2535        | -0.130           | 0.251               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.251                |
|                      |              | Back        | 21100 | 2535        | -0.030           | 0.314               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.314                |
|                      |              | Left        | 21100 | 2535        | 0.050            | 0.362               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.362                |
|                      |              | Right       | 21100 | 2535        | 0.010            | 0.170               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.170                |
|                      |              | Top         | 21100 | 2535        | 0.020            | 0.112               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.112                |
|                      |              | Bottom      | 21100 | 2535        | -0.040           | 0.470               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.470                |
|                      | 50%RB        | Front       | 21100 | 2535        | -0.060           | 0.244               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.244                |
|                      |              | Back        | 21100 | 2535        | 0.170            | 0.308               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.308                |
|                      |              | Left        | 21100 | 2535        | 0.140            | 0.354               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.354                |
|                      |              | Right       | 21100 | 2535        | 0.180            | 0.165               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.165                |
|                      |              | Top         | 21100 | 2535        | 0.140            | 0.105               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.105                |
|                      |              | Bottom      | 21100 | 2535        | 0.100            | 0.461               | 100            | 1.00              | 22.50             | 22.50                    | 1.000          | 0.461                |

| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 7-n78<br>(BW: 20MHz) | 1RB          | Left Cheek  | 21100 | 2535        | 0.130            | 0.233               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.252                |
|                      |              | Left Tilt   | 21100 | 2535        | -0.010           | 0.484               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.523                |
|                      |              | Right Cheek | 21100 | 2535        | 0.180            | 0.080               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.087                |
|                      |              | Right Tilt  | 21100 | 2535        | 0.010            | 0.134               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.145                |
|                      | 50%RB        | Left Cheek  | 21100 | 2535        | -0.160           | 0.219               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.237                |
|                      |              | Left Tilt   | 21100 | 2535        | -0.070           | 0.476               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.515                |
|                      |              | Right Cheek | 21100 | 2535        | -0.020           | 0.075               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.081                |
|                      |              | Right Tilt  | 21100 | 2535        | 0.100            | 0.119               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.129                |
| Mode                 | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 7-n78<br>(BW: 20MHz) | 1RB          | Front       | 21100 | 2535        | -0.130           | 0.203               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.220                |
|                      |              | Back        | 21100 | 2535        | 0.030            | 0.244               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.264                |
|                      |              | Left        | 21100 | 2535        | -0.010           | 0.292               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.316                |
|                      |              | Right       | 21100 | 2535        | -0.020           | 0.178               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.192                |
|                      |              | Top         | 21100 | 2535        | -0.080           | 0.075               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.081                |
|                      |              | Bottom      | 21100 | 2535        | 0.000            | 0.436               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.472                |
|                      | 50%RB        | Front       | 21100 | 2535        | 0.050            | 0.195               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.211                |
|                      |              | Back        | 21100 | 2535        | 0.190            | 0.259               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.280                |
|                      |              | Left        | 21100 | 2535        | 0.010            | 0.311               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.336                |
|                      |              | Right       | 21100 | 2535        | -0.110           | 0.171               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.185                |
|                      |              | Top         | 21100 | 2535        | 0.040            | 0.079               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.085                |
|                      |              | Bottom      | 21100 | 2535        | -0.190           | 0.433               | 100            | 1.00              | 22.66             | 23.00                    | 1.081          | 0.468                |

| Mode                  | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-----------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 38-n78<br>(BW: 20MHz) | 1RB          | Left Cheek  | 38000 | 2595.0      | -0.140           | 0.210               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.231                |
|                       |              | Left Tilt   | 38000 | 2595.0      | 0.030            | 0.441               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.486                |
|                       |              | Right Cheek | 38000 | 2595.0      | 0.030            | 0.081               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.089                |
|                       |              | Right Tilt  | 38000 | 2595.0      | -0.060           | 0.129               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.142                |
|                       | 50%RB        | Left Cheek  | 38000 | 2595.0      | -0.180           | 0.201               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.221                |
|                       |              | Left Tilt   | 38000 | 2595.0      | -0.100           | 0.439               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.484                |
|                       |              | Right Cheek | 38000 | 2595.0      | -0.100           | 0.076               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.084                |
|                       |              | Right Tilt  | 38000 | 2595.0      | -0.200           | 0.122               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.134                |
| Mode                  | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 38-n78<br>(BW: 20MHz) | 1RB          | Front       | 38000 | 2595.0      | 0.070            | 0.055               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.061                |
|                       |              | Back        | 38000 | 2595.0      | 0.070            | 0.061               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.067                |
|                       |              | Left        | 38000 | 2595.0      | 0.030            | 0.041               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.045                |
|                       |              | Right       | 38000 | 2595.0      | -0.060           | 0.065               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.072                |
|                       |              | Top         | 38000 | 2595.0      | 0.040            | 0.066               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.073                |
|                       |              | Bottom      | 38000 | 2595.0      | -0.090           | 0.078               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.086                |
|                       | 50%RB        | Front       | 38000 | 2595.0      | 0.170            | 0.051               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.056                |
|                       |              | Back        | 38000 | 2595.0      | 0.000            | 0.059               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.065                |
|                       |              | Left        | 38000 | 2595.0      | 0.050            | 0.036               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.040                |
|                       |              | Right       | 38000 | 2595.0      | -0.150           | 0.064               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.070                |
|                       |              | Top         | 38000 | 2595.0      | 0.020            | 0.062               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.068                |
|                       |              | Bottom      | 38000 | 2595.0      | -0.080           | 0.075               | 100            | 1.00              | 22.58             | 23.00                    | 1.102          | 0.083                |

| Mode                  | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-----------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 41-n77<br>(BW: 20MHz) | 1RB          | Left Cheek  | 39675 | 2498.5      | 0.070            | 0.310               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.319                |
|                       |              | Left Tilt   | 39675 | 2498.5      | -0.040           | 0.588               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.604                |
|                       |              | Right Cheek | 39675 | 2498.5      | 0.150            | 0.111               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.114                |
|                       |              | Right Tilt  | 39675 | 2498.5      | 0.110            | 0.161               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.166                |
|                       | 50%RB        | Left Cheek  | 39675 | 2498.5      | -0.020           | 0.295               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.303                |
|                       |              | Left Tilt   | 39675 | 2498.5      | -0.110           | 0.567               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.583                |
|                       |              | Right Cheek | 39675 | 2498.5      | -0.200           | 0.104               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.107                |
|                       |              | Right Tilt  | 39675 | 2498.5      | 0.040            | 0.154               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.158                |
| Mode                  | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 41-n77<br>(BW: 20MHz) | 1RB          | Front       | 39675 | 2498.5      | -0.160           | 0.049               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.050                |
|                       |              | Back        | 39675 | 2498.5      | 0.080            | 0.061               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.063                |
|                       |              | Left        | 39675 | 2498.5      | 0.110            | 0.040               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.041                |
|                       |              | Right       | 39675 | 2498.5      | 0.050            | 0.063               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.065                |
|                       |              | Top         | 39675 | 2498.5      | -0.040           | 0.122               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.125                |
|                       |              | Bottom      | 39675 | 2498.5      | 0.000            | 0.078               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.080                |
|                       | 50%RB        | Front       | 39675 | 2498.5      | 0.100            | 0.046               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.047                |
|                       |              | Back        | 39675 | 2498.5      | 0.190            | 0.059               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.061                |
|                       |              | Left        | 39675 | 2498.5      | -0.040           | 0.038               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.039                |
|                       |              | Right       | 39675 | 2498.5      | 0.000            | 0.060               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.062                |
|                       |              | Top         | 39675 | 2498.5      | 0.010            | 0.117               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.120                |
|                       |              | Bottom      | 39675 | 2498.5      | -0.150           | 0.075               | 100            | 1.00              | 22.38             | 22.50                    | 1.028          | 0.077                |

| Mode                  | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-----------------------|--------------|-------------|-------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 41-n78<br>(BW: 20MHz) | 1RB          | Left Cheek  | 40620 | 2593.0      | -0.140           | 0.225               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.250                |
|                       |              | Left Tilt   | 40620 | 2593.0      | 0.010            | 0.441               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.490                |
|                       |              | Right Cheek | 40620 | 2593.0      | 0.000            | 0.081               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.090                |
|                       |              | Right Tilt  | 40620 | 2593.0      | 0.020            | 0.129               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.143                |
|                       | 50%RB        | Left Cheek  | 40620 | 2593.0      | 0.030            | 0.220               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.245                |
|                       |              | Left Tilt   | 40620 | 2593.0      | -0.140           | 0.433               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.481                |
|                       |              | Right Cheek | 40620 | 2593.0      | 0.170            | 0.073               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.081                |
|                       |              | Right Tilt  | 40620 | 2593.0      | 0.020            | 0.135               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.150                |
| Mode                  | Channel Type | Position    | Ch.   | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 41-n78<br>(BW: 20MHz) | 1RB          | Front       | 40620 | 2593.0      | 0.060            | 0.042               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.047                |
|                       |              | Back        | 40620 | 2593.0      | 0.010            | 0.057               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.063                |
|                       |              | Left        | 40620 | 2593.0      | 0.020            | 0.035               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.039                |
|                       |              | Right       | 40620 | 2593.0      | 0.040            | 0.063               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.070                |
|                       |              | Top         | 40620 | 2593.0      | -0.150           | 0.071               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.079                |
|                       |              | Bottom      | 40620 | 2593.0      | -0.170           | 0.078               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.087                |
|                       | 50%RB        | Front       | 40620 | 2593.0      | -0.170           | 0.040               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.044                |
|                       |              | Back        | 40620 | 2593.0      | 0.170            | 0.054               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.060                |
|                       |              | Left        | 40620 | 2593.0      | 0.160            | 0.033               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.037                |
|                       |              | Right       | 40620 | 2593.0      | -0.120           | 0.065               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.072                |
|                       |              | Top         | 40620 | 2593.0      | 0.160            | 0.072               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.080                |
|                       |              | Bottom      | 40620 | 2593.0      | -0.090           | 0.075               | 100            | 1.00              | 22.54             | 23.00                    | 1.112          | 0.083                |

| Mode                 | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 66-n7<br>(BW: 20MHz) | 1RB          | Left Cheek  | 132572 | 1770        | -0.030           | 0.065               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.066                |
|                      |              | Left Tilt   | 132572 | 1770        | -0.010           | 0.103               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.104                |
|                      |              | Right Cheek | 132572 | 1770        | -0.150           | 0.198               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.200                |
|                      |              | Right Tilt  | 132572 | 1770        | 0.060            | 0.231               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.234                |
|                      | 50%RB        | Left Cheek  | 132572 | 1770        | -0.020           | 0.061               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.062                |
|                      |              | Left Tilt   | 132572 | 1770        | -0.060           | 0.108               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.109                |
|                      |              | Right Cheek | 132572 | 1770        | 0.180            | 0.204               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.206                |
|                      |              | Right Tilt  | 132572 | 1770        | -0.170           | 0.223               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.226                |
| Mode                 | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 66-n7<br>(BW: 20MHz) | 1RB          | Front       | 132572 | 1770        | -0.110           | 0.029               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.029                |
|                      |              | Back        | 132572 | 1770        | 0.050            | 0.038               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.038                |
|                      |              | Left        | 132572 | 1770        | 0.060            | 0.017               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.017                |
|                      |              | Right       | 132572 | 1770        | -0.070           | 0.011               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.011                |
|                      |              | Top         | 132572 | 1770        | 0.030            | 0.025               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.025                |
|                      |              | Bottom      | 132572 | 1770        | -0.100           | 0.046               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.047                |
|                      | 50%RB        | Front       | 132572 | 1770        | -0.090           | 0.027               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.027                |
|                      |              | Back        | 132572 | 1770        | 0.140            | 0.036               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.036                |
|                      |              | Left        | 132572 | 1770        | -0.150           | 0.019               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.019                |
|                      |              | Right       | 132572 | 1770        | -0.160           | 0.008               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.008                |
|                      |              | Top         | 132572 | 1770        | 0.060            | 0.025               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.025                |
|                      |              | Bottom      | 132572 | 1770        | -0.160           | 0.045               | 100            | 1.00              | 22.95             | 23.00                    | 1.012          | 0.046                |

| Mode                  | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-----------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 66-n38<br>(BW: 20MHz) | 1RB          | Left Cheek  | 132572 | 1770        | -0.010           | 0.090               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.090                |
|                       |              | Left Tilt   | 132572 | 1770        | 0.010            | 0.097               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.097                |
|                       |              | Right Cheek | 132572 | 1770        | 0.060            | 0.082               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.082                |
|                       |              | Right Tilt  | 132572 | 1770        | 0.110            | 0.100               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.100                |
|                       | 50%RB        | Left Cheek  | 132572 | 1770        | 0.060            | 0.088               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.088                |
|                       |              | Left Tilt   | 132572 | 1770        | 0.130            | 0.092               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.092                |
|                       |              | Right Cheek | 132572 | 1770        | -0.140           | 0.084               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.084                |
|                       |              | Right Tilt  | 132572 | 1770        | -0.010           | 0.103               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.103                |
| Mode                  | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 66-n38<br>(BW: 20MHz) | 1RB          | Front       | 132572 | 1770        | 0.090            | 0.177               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.177                |
|                       |              | Back        | 132572 | 1770        | -0.100           | 0.220               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.221                |
|                       |              | Left        | 132572 | 1770        | 0.020            | 0.149               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.149                |
|                       |              | Right       | 132572 | 1770        | -0.130           | 0.057               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.057                |
|                       |              | Top         | 132572 | 1770        | 0.080            | 0.016               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.016                |
|                       |              | Bottom      | 132572 | 1770        | -0.180           | 0.385               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.386                |
|                       | 50%RB        | Front       | 132572 | 1770        | -0.030           | 0.173               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.173                |
|                       |              | Back        | 132572 | 1770        | -0.030           | 0.222               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.223                |
|                       |              | Left        | 132572 | 1770        | 0.200            | 0.146               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.146                |
|                       |              | Right       | 132572 | 1770        | 0.170            | 0.056               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.056                |
|                       |              | Top         | 132572 | 1770        | 0.120            | 0.014               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.014                |
|                       |              | Bottom      | 132572 | 1770        | -0.040           | 0.382               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.383                |

| Mode                  | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-----------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 66-n41<br>(BW: 20MHz) | 1RB          | Left Cheek  | 132572 | 1770        | 0.150            | 0.052               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.052                |
|                       |              | Left Tilt   | 132572 | 1770        | -0.010           | 0.099               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.099                |
|                       |              | Right Cheek | 132572 | 1770        | 0.020            | 0.070               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.070                |
|                       |              | Right Tilt  | 132572 | 1770        | 0.040            | 0.151               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.151                |
|                       | 50%RB        | Left Cheek  | 132572 | 1770        | 0.090            | 0.055               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.055                |
|                       |              | Left Tilt   | 132572 | 1770        | 0.130            | 0.104               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.104                |
|                       |              | Right Cheek | 132572 | 1770        | 0.180            | 0.074               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.074                |
|                       |              | Right Tilt  | 132572 | 1770        | -0.050           | 0.150               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.150                |
| Mode                  | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 66-n41<br>(BW: 20MHz) | 1RB          | Front       | 132572 | 1770        | 0.040            | 0.147               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.147                |
|                       |              | Back        | 132572 | 1770        | 0.120            | 0.152               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.152                |
|                       |              | Left        | 132572 | 1770        | -0.070           | 0.084               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.084                |
|                       |              | Right       | 132572 | 1770        | 0.010            | 0.020               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.020                |
|                       |              | Top         | 132572 | 1770        | 0.080            | 0.002               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.002                |
|                       |              | Bottom      | 132572 | 1770        | -0.030           | 0.315               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.316                |
|                       | 50%RB        | Front       | 132572 | 1770        | 0.010            | 0.143               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.143                |
|                       |              | Back        | 132572 | 1770        | -0.130           | 0.149               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.149                |
|                       |              | Left        | 132572 | 1770        | 0.070            | 0.081               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.081                |
|                       |              | Right       | 132572 | 1770        | 0.150            | 0.019               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.019                |
|                       |              | Top         | 132572 | 1770        | 0.000            | 0.002               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.002                |
|                       |              | Bottom      | 132572 | 1770        | 0.120            | 0.311               | 100            | 1.00              | 22.99             | 23.00                    | 1.002          | 0.312                |

| Mode                  | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-----------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 66-n66<br>(BW: 20MHz) | 1RB          | Left Cheek  | 132572 | 1770        | -0.030           | 0.102               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.110                |
|                       |              | Left Tilt   | 132572 | 1770        | 0.010            | 0.067               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.072                |
|                       |              | Right Cheek | 132572 | 1770        | 0.150            | 0.065               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.070                |
|                       |              | Right Tilt  | 132572 | 1770        | 0.030            | 0.041               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.044                |
|                       | 50%RB        | Left Cheek  | 132572 | 1770        | 0.020            | 0.101               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.108                |
|                       |              | Left Tilt   | 132572 | 1770        | 0.040            | 0.064               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.069                |
|                       |              | Right Cheek | 132572 | 1770        | -0.110           | 0.068               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.073                |
|                       |              | Right Tilt  | 132572 | 1770        | 0.050            | 0.042               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.045                |
| Mode                  | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 66-n66<br>(BW: 20MHz) | 1RB          | Front       | 132572 | 1770        | 0.050            | 0.142               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.153                |
|                       |              | Back        | 132572 | 1770        | -0.120           | 0.151               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.162                |
|                       |              | Left        | 132572 | 1770        | 0.020            | 0.145               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.156                |
|                       |              | Right       | 132572 | 1770        | -0.100           | 0.024               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.026                |
|                       |              | Top         | 132572 | 1770        | 0.160            | 0.005               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.005                |
|                       |              | Bottom      | 132572 | 1770        | -0.140           | 0.294               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.316                |
|                       | 50%RB        | Front       | 132572 | 1770        | 0.070            | 0.140               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.150                |
|                       |              | Back        | 132572 | 1770        | -0.130           | 0.149               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.160                |
|                       |              | Left        | 132572 | 1770        | 0.060            | 0.143               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.154                |
|                       |              | Right       | 132572 | 1770        | 0.020            | 0.023               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.025                |
|                       |              | Top         | 132572 | 1770        | 0.000            | 0.006               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.006                |
|                       |              | Bottom      | 132572 | 1770        | -0.070           | 0.292               | 100            | 1.00              | 22.19             | 22.50                    | 1.074          | 0.314                |

| Mode                  | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-----------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 66-n77<br>(BW: 20MHz) | 1RB          | Left Cheek  | 132322 | 1745        | 0.040            | 0.179               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.198                |
|                       |              | Left Tilt   | 132322 | 1745        | -0.170           | 0.330               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.365                |
|                       |              | Right Cheek | 132322 | 1745        | -0.130           | 0.069               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.076                |
|                       |              | Right Tilt  | 132322 | 1745        | 0.020            | 0.106               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.117                |
|                       | 50%RB        | Left Cheek  | 132322 | 1745        | 0.150            | 0.173               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.191                |
|                       |              | Left Tilt   | 132322 | 1745        | 0.020            | 0.325               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.360                |
|                       |              | Right Cheek | 132322 | 1745        | 0.160            | 0.073               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.081                |
|                       |              | Right Tilt  | 132322 | 1745        | 0.090            | 0.101               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.112                |
| Mode                  | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 66-n77<br>(BW: 20MHz) | 1RB          | Front       | 132322 | 1745        | 0.030            | 0.211               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.233                |
|                       |              | Back        | 132322 | 1745        | -0.040           | 0.256               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.283                |
|                       |              | Left        | 132322 | 1745        | 0.030            | 0.315               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.349                |
|                       |              | Right       | 132322 | 1745        | 0.120            | 0.129               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.143                |
|                       |              | Top         | 132322 | 1745        | 0.080            | 0.086               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.095                |
|                       |              | Bottom      | 132322 | 1745        | -0.050           | 0.484               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.536                |
|                       | 50%RB        | Front       | 132322 | 1745        | -0.100           | 0.203               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.225                |
|                       |              | Back        | 132322 | 1745        | -0.140           | 0.250               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.277                |
|                       |              | Left        | 132322 | 1745        | -0.190           | 0.322               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.356                |
|                       |              | Right       | 132322 | 1745        | -0.010           | 0.135               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.149                |
|                       |              | Top         | 132322 | 1745        | -0.190           | 0.079               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.087                |
|                       |              | Bottom      | 132322 | 1745        | 0.040            | 0.480               | 100            | 1.00              | 22.56             | 23.00                    | 1.107          | 0.531                |

| Mode                  | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-----------------------|--------------|-------------|--------|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 66-n78<br>(BW: 20MHz) | 1RB          | Left Cheek  | 132322 | 1745        | -0.080           | 0.143               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.151                |
|                       |              | Left Tilt   | 132322 | 1745        | 0.020            | 0.298               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.316                |
|                       |              | Right Cheek | 132322 | 1745        | 0.000            | 0.062               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.066                |
|                       |              | Right Tilt  | 132322 | 1745        | 0.000            | 0.096               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.102                |
|                       | 50%RB        | Left Cheek  | 132322 | 1745        | 0.060            | 0.141               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.149                |
|                       |              | Left Tilt   | 132322 | 1745        | 0.100            | 0.272               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.288                |
|                       |              | Right Cheek | 132322 | 1745        | -0.190           | 0.066               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.070                |
|                       |              | Right Tilt  | 132322 | 1745        | 0.020            | 0.099               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.105                |
| Mode                  | Channel Type | Position    | Ch.    | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 66-n78<br>(BW: 20MHz) | 1RB          | Front       | 132322 | 1745        | 0.030            | 0.179               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.190                |
|                       |              | Back        | 132322 | 1745        | -0.010           | 0.232               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.246                |
|                       |              | Left        | 132322 | 1745        | 0.090            | 0.341               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.361                |
|                       |              | Right       | 132322 | 1745        | 0.010            | 0.145               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.154                |
|                       |              | Top         | 132322 | 1745        | 0.010            | 0.052               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.055                |
|                       |              | Bottom      | 132322 | 1745        | -0.020           | 0.453               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.480                |
|                       | 50%RB        | Front       | 132322 | 1745        | -0.180           | 0.184               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.195                |
|                       |              | Back        | 132322 | 1745        | 0.090            | 0.236               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.250                |
|                       |              | Left        | 132322 | 1745        | 0.120            | 0.334               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.354                |
|                       |              | Right       | 132322 | 1745        | -0.120           | 0.152               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.161                |
|                       |              | Top         | 132322 | 1745        | 0.160            | 0.054               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.057                |
|                       |              | Bottom      | 132322 | 1745        | -0.090           | 0.452               | 100            | 1.00              | 22.75             | 23.00                    | 1.059          | 0.479                |

### 11.4.6 Results overview of WiFi

| Mode                                   | Position    | Ch. | Freq. (MHz) | Power Drift (dB) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|----------------------------------------|-------------|-----|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 2.4g<br>(2.4~2.4835)<br>802.11n(HT20)) | Left Cheek  | 11  | 2462        | 0.040            | 0.148               | 100            | 1.00              | 22.43             | 22.50                    | 1.016          | 0.150                |
|                                        | Left Tilt   | 11  | 2462        | -0.120           | 0.282               | 100            | 1.00              | 22.43             | 22.50                    | 1.016          | 0.287                |
|                                        | Right Cheek | 11  | 2462        | 0.130            | 0.053               | 100            | 1.00              | 22.43             | 22.50                    | 1.016          | 0.054                |
|                                        | Right Tilt  | 11  | 2462        | -0.020           | 0.154               | 100            | 1.00              | 22.43             | 22.50                    | 1.016          | 0.157                |
| Mode                                   | Position    | Ch. | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 2.4g<br>(2.4~2.4835)<br>802.11n(HT20)) | Front       | 11  | 2462        | -0.060           | 0.050               | 100            | 1.00              | 22.43             | 22.50                    | 1.016          | 0.051                |
|                                        | Back        | 11  | 2462        | -0.150           | 0.057               | 100            | 1.00              | 22.43             | 22.50                    | 1.016          | 0.058                |
|                                        | Left        | 11  | 2462        | 0.170            | 0.004               | 100            | 1.00              | 22.43             | 22.50                    | 1.016          | 0.004                |
|                                        | Right       | 11  | 2462        | 0.020            | 0.029               | 100            | 1.00              | 22.43             | 22.50                    | 1.016          | 0.029                |
|                                        | Top         | 11  | 2462        | 0.110            | 0.047               | 100            | 1.00              | 22.43             | 22.50                    | 1.016          | 0.048                |
|                                        | Bottom      | 11  | 2462        | 0.080            | 0.003               | 100            | 1.00              | 22.43             | 22.50                    | 1.016          | 0.003                |

| Mode                                      | Position    | Ch. | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-------------------------------------------|-------------|-----|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 5g Band1<br>5180-5240<br>802.11n-<br>HT20 | Left Cheek  | 36  | 5180        | 0.030            | 0.180               | 100            | 1.00              | 16.34             | 16.50                    | 1.038          | 0.187                |
|                                           | Left Tilt   | 36  | 5180        | 0.190            | 0.368               | 100            | 1.00              | 3616.34           | 16.50                    | 0.000          | 0.000                |
|                                           | Right Cheek | 36  | 5180        | -0.150           | 0.126               | 100            | 1.00              | 16.34             | 16.50                    | 1.038          | 0.131                |
|                                           | Right Tilt  | 36  | 5180        | 0.000            | 0.301               | 100            | 1.00              | 16.34             | 16.50                    | 1.038          | 0.312                |
| Mode                                      | Position    | Ch. | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 5g Band1<br>802.11n-<br>HT20              | Front       | 36  | 5180        | -0.100           | 0.025               | 100            | 1.00              | 16.34             | 16.50                    | 1.038          | 0.026                |
|                                           | Back        | 36  | 5180        | 0.020            | 0.031               | 100            | 1.00              | 16.34             | 16.50                    | 1.038          | 0.032                |
|                                           | Left        | 36  | 5180        | 0.130            | 0.003               | 100            | 1.00              | 16.34             | 16.50                    | 1.038          | 0.003                |
|                                           | Right       | 36  | 5180        | -0.080           | 0.009               | 100            | 1.00              | 16.34             | 16.50                    | 1.038          | 0.009                |
|                                           | Top         | 36  | 5180        | -0.140           | 0.063               | 100            | 1.00              | 16.34             | 16.50                    | 1.038          | 0.065                |
|                                           | Bottom      | 36  | 5180        | 0.010            | 0.003               | 100            | 1.00              | 16.34             | 16.50                    | 1.038          | 0.003                |

| Mode                                      | Position    | Ch. | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-------------------------------------------|-------------|-----|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 5g Band2<br>5260-5320<br>802.11n-<br>HT20 | Left Cheek  | 52  | 5260        | 0.040            | 0.221               | 100            | 1.00              | 15.78             | 16.00                    | 1.052          | 0.232                |
|                                           | Left Tilt   | 52  | 5260        | 0.170            | 0.431               | 100            | 1.00              | 15.78             | 16.00                    | 1.052          | 0.453                |
|                                           | Right Cheek | 52  | 5260        | -0.110           | 0.163               | 100            | 1.00              | 15.78             | 16.00                    | 1.052          | 0.171                |
|                                           | Right Tilt  | 52  | 5260        | 0.070            | 0.318               | 100            | 1.00              | 15.78             | 16.00                    | 1.052          | 0.335                |
| Mode                                      | Position    | Ch. | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 5g Band2<br>5260-5320<br>802.11n-<br>HT20 | Front       | 52  | 5260        | 0.060            | 0.035               | 100            | 1.00              | 15.78             | 16.00                    | 1.052          | 0.037                |
|                                           | Back        | 52  | 5260        | 0.140            | 0.045               | 100            | 1.00              | 15.78             | 16.00                    | 1.052          | 0.047                |
|                                           | Left        | 52  | 5260        | -0.180           | 0.007               | 100            | 1.00              | 15.78             | 16.00                    | 1.052          | 0.007                |
|                                           | Right       | 52  | 5260        | 0.030            | 0.014               | 100            | 1.00              | 15.78             | 16.00                    | 1.052          | 0.015                |
|                                           | Top         | 52  | 5260        | 0.060            | 0.079               | 100            | 1.00              | 15.78             | 16.00                    | 1.052          | 0.083                |
|                                           | Bottom      | 52  | 5260        | -0.110           | 0.003               | 100            | 1.00              | 15.78             | 16.00                    | 1.052          | 0.003                |

| Mode                                      | Position    | Ch. | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-------------------------------------------|-------------|-----|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 5g Band3<br>5500-5700<br>802.11n-<br>HT20 | Left Cheek  | 140 | 5700        | -0.050           | 0.180               | 100            | 1.00              | 14.85             | 15.00                    | 1.035          | 0.186                |
|                                           | Left Tilt   | 140 | 5700        | 0.170            | 0.348               | 100            | 1.00              | 14.85             | 15.00                    | 1.035          | 0.360                |
|                                           | Right Cheek | 140 | 5700        | 0.080            | 0.131               | 100            | 1.00              | 14.85             | 15.00                    | 1.035          | 0.136                |
|                                           | Right Tilt  | 140 | 5700        | 0.120            | 0.276               | 100            | 1.00              | 14.85             | 15.00                    | 1.035          | 0.286                |
| Mode                                      | Position    | Ch. | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 5g Band3<br>5500-5700<br>802.11n-<br>HT20 | Front       | 140 | 5700        | 0.050            | 0.035               | 100            | 1.00              | 14.85             | 15.00                    | 1.035          | 0.036                |
|                                           | Back        | 140 | 5700        | -0.160           | 0.041               | 100            | 1.00              | 14.85             | 15.00                    | 1.035          | 0.042                |
|                                           | Left        | 140 | 5700        | -0.080           | 0.004               | 100            | 1.00              | 14.85             | 15.00                    | 1.035          | 0.004                |
|                                           | Right       | 140 | 5700        | 0.130            | 0.007               | 100            | 1.00              | 14.85             | 15.00                    | 1.035          | 0.007                |
|                                           | Top         | 140 | 5700        | -0.190           | 0.065               | 100            | 1.00              | 14.85             | 15.00                    | 1.035          | 0.067                |
|                                           | Bottom      | 140 | 5700        | 0.010            | 0.003               | 100            | 1.00              | 14.85             | 15.00                    | 1.035          | 0.003                |

| Mode                                      | Position    | Ch. | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-------------------------------------------|-------------|-----|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| 5g Band4<br>5745-5825<br>802.11n-<br>HT20 | Left Cheek  | 165 | 5825        | 0.040            | 0.201               | 100            | 1.00              | 16.41             | 16.50                    | 1.021          | 0.205                |
|                                           | Left Tilt   | 165 | 5825        | 0.030            | 0.400               | 100            | 1.00              | 16.41             | 16.50                    | 1.021          | 0.408                |
|                                           | Right Cheek | 165 | 5825        | -0.060           | 0.140               | 100            | 1.00              | 16.41             | 16.50                    | 1.021          | 0.143                |
|                                           | Right Tilt  | 165 | 5825        | 0.170            | 0.291               | 100            | 1.00              | 16.41             | 16.50                    | 1.021          | 0.297                |
| Mode                                      | Position    | Ch. | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| 5g Band4<br>5745-5825<br>802.11n-<br>HT20 | Front       | 165 | 5825        | 0.050            | 0.041               | 100            | 1.00              | 16.41             | 16.50                    | 1.021          | 0.042                |
|                                           | Back        | 165 | 5825        | -0.110           | 0.052               | 100            | 1.00              | 16.41             | 16.50                    | 1.021          | 0.053                |
|                                           | Left        | 165 | 5825        | 0.130            | 0.008               | 100            | 1.00              | 16.41             | 16.50                    | 1.021          | 0.008                |
|                                           | Right       | 165 | 5825        | 0.090            | 0.003               | 100            | 1.00              | 16.41             | 16.50                    | 1.021          | 0.003                |
|                                           | Top         | 165 | 5825        | -0.140           | 0.065               | 100            | 1.00              | 16.41             | 16.50                    | 1.021          | 0.066                |
|                                           | Bottom      | 165 | 5825        | 0.010            | 0.002               | 100            | 1.00              | 16.41             | 16.50                    | 1.021          | 0.002                |

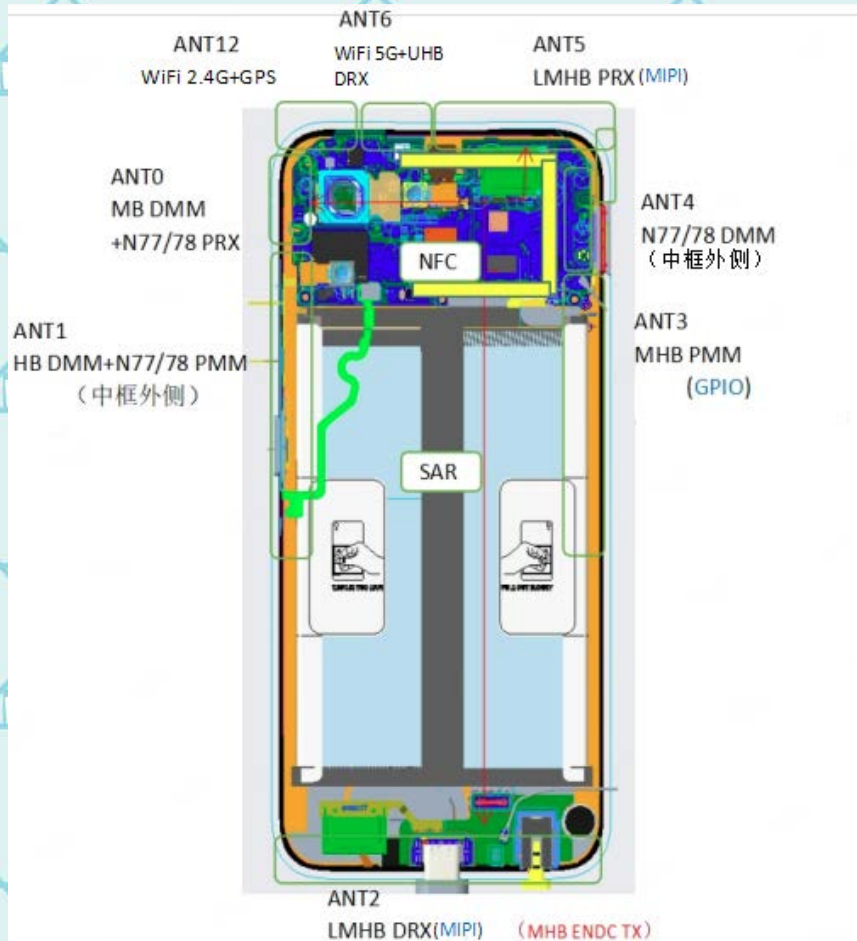
| Mode      | Position    | Ch. | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
|-----------|-------------|-----|-------------|------------------|---------------------|----------------|-------------------|-------------------|--------------------------|----------------|----------------------|
| Bluetooth | Left Cheek  | 39  | 2441        | 0.020            | 0.063               | 100            | 1.00              | 7.64              | 8.00                     | 1.086          | 0.068                |
|           | Left Tilt   | 39  | 2441        | 0.020            | 0.130               | 100            | 1.00              | 7.64              | 8.00                     | 1.086          | 0.141                |
|           | Right Cheek | 39  | 2441        | 0.040            | 0.023               | 100            | 1.00              | 7.64              | 8.00                     | 1.086          | 0.025                |
|           | Right Tilt  | 39  | 2441        | 0.070            | 0.075               | 100            | 1.00              | 7.64              | 8.00                     | 1.086          | 0.081                |
| Mode      | Position    | Ch. | Freq. (MHz) | Power Drift (db) | 1g Meas. SAR (W/kg) | Duty cycle (%) | Duty cycle Factor | Meas. Power (dBm) | Max. tune-up power (dBm) | Scaling Factor | 1g Scaled SAR (W/kg) |
| Bluetooth | Front       | 39  | 2441        | 0.040            | 0.018               | 100            | 1.00              | 7.64              | 8.00                     | 1.086          | 0.020                |
|           | Back        | 39  | 2441        | -0.150           | 0.021               | 100            | 1.00              | 7.64              | 8.00                     | 1.086          | 0.023                |
|           | Left        | 39  | 2441        | 0.120            | 0.002               | 100            | 1.00              | 7.64              | 8.00                     | 1.086          | 0.002                |
|           | Right       | 39  | 2441        | 0.180            | 0.012               | 100            | 1.00              | 7.64              | 8.00                     | 1.086          | 0.013                |
|           | Top         | 39  | 2441        | -0.100           | 0.018               | 100            | 1.00              | 7.64              | 8.00                     | 1.086          | 0.020                |
|           | Bottom      | 39  | 2441        | 0.080            | 0.002               | 100            | 1.00              | 7.64              | 8.00                     | 1.086          | 0.002                |

Note:

- 1.The maximum SAR Value of each test band is marked bold.
- 2.SAR plot is provided only for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination.
- 3.Per KDB 447498 D01 v06, for each exposure position, if the highest output power channel Reported SAR  $\leq 0.8\text{W/kg}$ , other channels SAR testing is not necessary.
- 4.Per KDB 447498 D01 v06, head/body-worn use is evaluated with the device positioned at 0mm/10 mm from a head/flat phantom respectively filled with head tissue-equivalent medium.
- 5.Per KDB Publication 941225 D06 where SAR test considerations for handsets ( $L \times W \geq 9 \text{ cm} \times 5 \text{ cm}$ ) are based on a composite test separation distance of 10 mm from the front, back and edges of the device with antennas 2.5 cm or closer to the edge of the device, determined from general mixed use conditions for this type of devices. Since the hotspot SAR results may overlap with the body-worn accessory SAR requirements, the more conservative configurations can be considered, thus excluding some body-worn accessory SAR tests.
- 6.Per KDB 447498 D01 v06, the report SAR is measured SAR value adjusted for maximum tune-up tolerance. Scaling Factor= $10^{[(\text{tune-up limit power(dBm)} - \text{Ave.power power (dBm)})/10]}$ , where tune-up limit is the maximum rated power among all production units.
- 7.Reported SAR(W/kg)=Measured SAR (W/kg)\*Scaling Factor.

## 12 Multiple Transmitter Information

The SAR measurement positions of each side are as below:



### < Rear Side >

| Mode                 | Front side | Rear side | Left side | Right side | Top side | Bottom side |
|----------------------|------------|-----------|-----------|------------|----------|-------------|
| 2G/3G/4G /5G Antenna | Yes        | Yes       | Yes       | Yes        | Yes      | Yes         |
| Wi-Fi/BT Antenna     | Yes        | Yes       | Yes       | Yes        | Yes      | Yes         |

- 1) Per KDB941225 D06V01r01, the DUT Dimension is bigger than 9 cm x 5 cm, so 10mm is chosen as the test separation distance for Hotspot mode. When the antenna-to-edge distance is greater than 2.5cm, such position does not need to be tested.

## 12.1 Simultaneous Transmission Possibilities

The Simultaneous Transmission Possibilities are as below:

| Simultaneous Transmission Possibilities |                             |      |      |         |
|-----------------------------------------|-----------------------------|------|------|---------|
| Simultaneous Tx Combination             | Configuration               | Head | Body | Hotspot |
| 1                                       | GSM/GPRS/UMTS/LTE/NR +Wi-Fi | YES  | YES  | YES     |
| 2                                       | GSM/GPRS/UMTS/LTE/NR +BT    | YES  | YES  | YES     |

Note: The device does not support simultaneous BT and 2.4GWi-Fi ,because the BT and 2.4GWi-Fi share the same antenna and can't transmit simultaneously.

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## 12.1.1 SAR Summation Scenario

Head:

| Band               | Test Position | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWAN+<br>BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|--------------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|                    |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| GSM850<br>(voice)  | Left Cheek    | 0.200                   | 0.150                       | 0.232                           | 0.068                 | 0.350                                | 0.432                              | 0.268                          | 1.6              |
|                    | Left Tilt     | 0.091                   | 0.287                       | 0.453                           | 0.141                 | 0.378                                | 0.544                              | 0.232                          |                  |
|                    | Right Cheek   | 0.233                   | 0.054                       | 0.171                           | 0.025                 | 0.287                                | 0.404                              | 0.258                          |                  |
|                    | Right Tilt    | 0.114                   | 0.157                       | 0.335                           | 0.081                 | 0.271                                | 0.449                              | 0.195                          |                  |
| GSM1900<br>(voice) | Left Cheek    | 0.191                   | 0.150                       | 0.232                           | 0.068                 | 0.341                                | 0.423                              | 0.259                          |                  |
|                    | Left Tilt     | 0.325                   | 0.287                       | 0.453                           | 0.141                 | 0.612                                | 0.778                              | 0.466                          |                  |
|                    | Right Cheek   | 0.312                   | 0.054                       | 0.171                           | 0.025                 | 0.366                                | 0.483                              | 0.337                          |                  |
|                    | Right Tilt    | 0.598                   | 0.157                       | 0.335                           | 0.081                 | 0.755                                | 0.933                              | 0.679                          |                  |
| WCDMA<br>Band 2    | Left Cheek    | 0.122                   | 0.150                       | 0.232                           | 0.068                 | 0.272                                | 0.354                              | 0.190                          |                  |
|                    | Left Tilt     | 0.209                   | 0.287                       | 0.453                           | 0.141                 | 0.496                                | 0.662                              | 0.350                          |                  |
|                    | Right Cheek   | 0.277                   | 0.054                       | 0.171                           | 0.025                 | 0.331                                | 0.448                              | 0.302                          |                  |
|                    | Right Tilt    | 0.394                   | 0.157                       | 0.335                           | 0.081                 | 0.551                                | 0.729                              | 0.475                          |                  |
| WCDMA<br>Band 4    | Left Cheek    | 0.148                   | 0.150                       | 0.232                           | 0.068                 | 0.298                                | 0.380                              | 0.216                          |                  |
|                    | Left Tilt     | 0.277                   | 0.287                       | 0.453                           | 0.141                 | 0.564                                | 0.730                              | 0.418                          |                  |
|                    | Right Cheek   | 0.263                   | 0.054                       | 0.171                           | 0.025                 | 0.317                                | 0.434                              | 0.288                          |                  |
|                    | Right Tilt    | 0.497                   | 0.157                       | 0.335                           | 0.081                 | 0.654                                | 0.832                              | 0.578                          |                  |
| WCDMA<br>Band 5    | Left Cheek    | 0.165                   | 0.150                       | 0.232                           | 0.068                 | 0.315                                | 0.397                              | 0.233                          |                  |
|                    | Left Tilt     | 0.087                   | 0.287                       | 0.453                           | 0.141                 | 0.374                                | 0.540                              | 0.228                          |                  |
|                    | Right Cheek   | 0.233                   | 0.054                       | 0.171                           | 0.025                 | 0.287                                | 0.404                              | 0.258                          |                  |
|                    | Right Tilt    | 0.113                   | 0.157                       | 0.335                           | 0.081                 | 0.270                                | 0.448                              | 0.194                          |                  |

| Band                           | Test Position | RB allocation | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWAN+<br>BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|--------------------------------|---------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|                                |               |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| LTE Band 2<br>QPSK<br>(20MHz)  | Left Cheek    | 1RB           | 0.133                   | 0.150                       | 0.232                           | 0.068                 | 0.283                                | 0.365                              | 0.201                          | 1.6              |
|                                | Left Tilt     |               | 0.199                   | 0.287                       | 0.453                           | 0.141                 | 0.486                                | 0.652                              | 0.340                          |                  |
|                                | Right Cheek   |               | 0.263                   | 0.054                       | 0.171                           | 0.025                 | 0.317                                | 0.434                              | 0.288                          |                  |
|                                | Right Tilt    |               | 0.401                   | 0.157                       | 0.335                           | 0.081                 | 0.558                                | 0.736                              | 0.482                          |                  |
|                                | Left Cheek    | 50%RB         | 0.132                   | 0.150                       | 0.232                           | 0.068                 | 0.282                                | 0.364                              | 0.200                          |                  |
|                                | Left Tilt     |               | 0.197                   | 0.287                       | 0.453                           | 0.141                 | 0.484                                | 0.650                              | 0.338                          |                  |
|                                | Right Cheek   |               | 0.260                   | 0.054                       | 0.171                           | 0.025                 | 0.314                                | 0.431                              | 0.285                          |                  |
|                                | Right Tilt    |               | 0.400                   | 0.157                       | 0.335                           | 0.081                 | 0.557                                | 0.735                              | 0.481                          |                  |
| LTE Band 4<br>QPSK<br>(20MHz)  | Left Cheek    | 1RB           | 0.124                   | 0.150                       | 0.232                           | 0.068                 | 0.274                                | 0.356                              | 0.192                          |                  |
|                                | Left Tilt     |               | 0.223                   | 0.287                       | 0.453                           | 0.141                 | 0.510                                | 0.676                              | 0.364                          |                  |
|                                | Right Cheek   |               | 0.231                   | 0.054                       | 0.171                           | 0.025                 | 0.285                                | 0.402                              | 0.256                          |                  |
|                                | Right Tilt    |               | 0.397                   | 0.157                       | 0.335                           | 0.081                 | 0.554                                | 0.732                              | 0.478                          |                  |
|                                | Left Cheek    | 50%RB         | 0.126                   | 0.150                       | 0.232                           | 0.068                 | 0.276                                | 0.358                              | 0.194                          |                  |
|                                | Left Tilt     |               | 0.219                   | 0.287                       | 0.453                           | 0.141                 | 0.506                                | 0.672                              | 0.360                          |                  |
|                                | Right Cheek   |               | 0.228                   | 0.054                       | 0.171                           | 0.025                 | 0.282                                | 0.399                              | 0.253                          |                  |
|                                | Right Tilt    |               | 0.392                   | 0.157                       | 0.335                           | 0.081                 | 0.549                                | 0.727                              | 0.473                          |                  |
| LTE Band 5<br>QPSK<br>(10MHz)  | Left Cheek    | 1RB           | 0.050                   | 0.150                       | 0.232                           | 0.068                 | 0.200                                | 0.282                              | 0.118                          |                  |
|                                | Left Tilt     |               | 0.043                   | 0.287                       | 0.453                           | 0.141                 | 0.330                                | 0.496                              | 0.184                          |                  |
|                                | Right Cheek   |               | 0.186                   | 0.054                       | 0.171                           | 0.025                 | 0.240                                | 0.357                              | 0.211                          |                  |
|                                | Right Tilt    |               | 0.125                   | 0.157                       | 0.335                           | 0.081                 | 0.282                                | 0.460                              | 0.206                          |                  |
|                                | Left Cheek    | 50%RB         | 0.048                   | 0.150                       | 0.232                           | 0.068                 | 0.198                                | 0.280                              | 0.116                          |                  |
|                                | Left Tilt     |               | 0.046                   | 0.287                       | 0.453                           | 0.141                 | 0.333                                | 0.499                              | 0.187                          |                  |
|                                | Right Cheek   |               | 0.183                   | 0.054                       | 0.171                           | 0.025                 | 0.237                                | 0.354                              | 0.208                          |                  |
|                                | Right Tilt    |               | 0.121                   | 0.157                       | 0.335                           | 0.081                 | 0.278                                | 0.456                              | 0.202                          |                  |
| LTE Band 7<br>QPSK<br>(20MHz)  | Left Cheek    | 1RB           | 0.074                   | 0.150                       | 0.232                           | 0.068                 | 0.224                                | 0.306                              | 0.142                          |                  |
|                                | Left Tilt     |               | 0.087                   | 0.287                       | 0.453                           | 0.141                 | 0.374                                | 0.540                              | 0.228                          |                  |
|                                | Right Cheek   |               | 0.200                   | 0.054                       | 0.171                           | 0.025                 | 0.254                                | 0.371                              | 0.225                          |                  |
|                                | Right Tilt    |               | 0.274                   | 0.157                       | 0.335                           | 0.081                 | 0.431                                | 0.609                              | 0.355                          |                  |
|                                | Left Cheek    | 50%RB         | 0.073                   | 0.150                       | 0.232                           | 0.068                 | 0.223                                | 0.305                              | 0.141                          |                  |
|                                | Left Tilt     |               | 0.084                   | 0.287                       | 0.453                           | 0.141                 | 0.371                                | 0.537                              | 0.225                          |                  |
|                                | Right Cheek   |               | 0.197                   | 0.054                       | 0.171                           | 0.025                 | 0.251                                | 0.368                              | 0.222                          |                  |
|                                | Right Tilt    |               | 0.271                   | 0.157                       | 0.335                           | 0.081                 | 0.428                                | 0.606                              | 0.352                          |                  |
| LTE Band 12<br>QPSK<br>(10MHz) | Left Cheek    | 1RB           | 0.027                   | 0.150                       | 0.232                           | 0.068                 | 0.177                                | 0.259                              | 0.095                          |                  |
|                                | Left Tilt     |               | 0.021                   | 0.287                       | 0.453                           | 0.141                 | 0.308                                | 0.474                              | 0.162                          |                  |
|                                | Right Cheek   |               | 0.100                   | 0.054                       | 0.171                           | 0.025                 | 0.154                                | 0.271                              | 0.125                          |                  |
|                                | Right Tilt    |               | 0.077                   | 0.157                       | 0.335                           | 0.081                 | 0.234                                | 0.412                              | 0.158                          |                  |
|                                | Left Cheek    | 50%RB         | 0.029                   | 0.150                       | 0.232                           | 0.068                 | 0.179                                | 0.261                              | 0.097                          |                  |
|                                | Left Tilt     |               | 0.021                   | 0.287                       | 0.453                           | 0.141                 | 0.308                                | 0.474                              | 0.162                          |                  |
|                                | Right Cheek   |               | 0.096                   | 0.054                       | 0.171                           | 0.025                 | 0.150                                | 0.267                              | 0.121                          |                  |
|                                | Right Tilt    |               | 0.075                   | 0.157                       | 0.335                           | 0.081                 | 0.232                                | 0.410                              | 0.156                          |                  |
| LTE Band 13<br>QPSK<br>(10MHz) | Left Cheek    | 1RB           | 0.039                   | 0.150                       | 0.232                           | 0.068                 | 0.189                                | 0.271                              | 0.107                          |                  |
|                                | Left Tilt     |               | 0.029                   | 0.287                       | 0.453                           | 0.141                 | 0.316                                | 0.482                              | 0.170                          |                  |
|                                | Right Cheek   |               | 0.075                   | 0.054                       | 0.171                           | 0.025                 | 0.129                                | 0.246                              | 0.100                          |                  |
|                                | Right Tilt    |               | 0.041                   | 0.157                       | 0.335                           | 0.081                 | 0.198                                | 0.376                              | 0.122                          |                  |
|                                | Left Cheek    | 50%RB         | 0.037                   | 0.150                       | 0.232                           | 0.068                 | 0.187                                | 0.269                              | 0.105                          |                  |
|                                | Left Tilt     |               | 0.032                   | 0.287                       | 0.453                           | 0.141                 | 0.319                                | 0.485                              | 0.173                          |                  |
|                                | Right Cheek   |               | 0.072                   | 0.054                       | 0.171                           | 0.025                 | 0.126                                | 0.243                              | 0.097                          |                  |
|                                | Right Tilt    |               | 0.039                   | 0.157                       | 0.335                           | 0.081                 | 0.196                                | 0.374                              | 0.120                          |                  |
| LTE Band 17<br>QPSK<br>(10MHz) | Left Cheek    | 1RB           | 0.033                   | 0.150                       | 0.232                           | 0.068                 | 0.183                                | 0.265                              | 0.101                          |                  |
|                                | Left Tilt     |               | 0.016                   | 0.287                       | 0.453                           | 0.141                 | 0.303                                | 0.469                              | 0.157                          |                  |
|                                | Right Cheek   |               | 0.099                   | 0.054                       | 0.171                           | 0.025                 | 0.153                                | 0.270                              | 0.124                          |                  |
|                                | Right Tilt    |               | 0.071                   | 0.157                       | 0.335                           | 0.081                 | 0.228                                | 0.406                              | 0.152                          |                  |
|                                | Left Cheek    | 50%RB         | 0.032                   | 0.150                       | 0.232                           | 0.068                 | 0.182                                | 0.264                              | 0.100                          |                  |
|                                | Left Tilt     |               | 0.016                   | 0.287                       | 0.453                           | 0.141                 | 0.303                                | 0.469                              | 0.157                          |                  |
|                                | Right Cheek   |               | 0.096                   | 0.054                       | 0.171                           | 0.025                 | 0.150                                | 0.267                              | 0.121                          |                  |
|                                | Right Tilt    |               | 0.072                   | 0.157                       | 0.335                           | 0.081                 | 0.229                                | 0.407                              | 0.153                          |                  |

| Band                                      | Test Position | RB allocation | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWA<br>N+BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|-------------------------------------------|---------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|                                           |               |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| LTE Band 38<br>QPSK<br>(20MHz)            | Left Cheek    | 1RB           | 0.049                   | 0.150                       | 0.232                           | 0.068                 | 0.199                                | 0.281                              | 0.117                          | 1.6              |
|                                           | Left Tilt     |               | 0.019                   | 0.287                       | 0.453                           | 0.141                 | 0.306                                | 0.472                              | 0.160                          |                  |
|                                           | Right Cheek   |               | 0.033                   | 0.054                       | 0.171                           | 0.025                 | 0.087                                | 0.204                              | 0.058                          |                  |
|                                           | Right Tilt    |               | 0.012                   | 0.157                       | 0.335                           | 0.081                 | 0.169                                | 0.347                              | 0.093                          |                  |
|                                           | Left Cheek    | 50%RB         | 0.052                   | 0.150                       | 0.232                           | 0.068                 | 0.202                                | 0.284                              | 0.120                          |                  |
|                                           | Left Tilt     |               | 0.018                   | 0.287                       | 0.453                           | 0.141                 | 0.305                                | 0.471                              | 0.159                          |                  |
|                                           | Right Cheek   |               | 0.034                   | 0.054                       | 0.171                           | 0.025                 | 0.088                                | 0.205                              | 0.059                          |                  |
|                                           | Right Tilt    |               | 0.014                   | 0.157                       | 0.335                           | 0.081                 | 0.171                                | 0.349                              | 0.095                          |                  |
| LTE Band 41<br>QPSK<br>(20MHz)            | Left Cheek    | 1RB           | 0.051                   | 0.150                       | 0.232                           | 0.068                 | 0.201                                | 0.283                              | 0.119                          |                  |
|                                           | Left Tilt     |               | 0.022                   | 0.287                       | 0.453                           | 0.141                 | 0.309                                | 0.475                              | 0.163                          |                  |
|                                           | Right Cheek   |               | 0.034                   | 0.054                       | 0.171                           | 0.025                 | 0.088                                | 0.205                              | 0.059                          |                  |
|                                           | Right Tilt    |               | 0.014                   | 0.157                       | 0.335                           | 0.081                 | 0.171                                | 0.349                              | 0.095                          |                  |
|                                           | Left Cheek    | 50%RB         | 0.053                   | 0.150                       | 0.232                           | 0.068                 | 0.203                                | 0.285                              | 0.121                          |                  |
|                                           | Left Tilt     |               | 0.022                   | 0.287                       | 0.453                           | 0.141                 | 0.309                                | 0.475                              | 0.163                          |                  |
|                                           | Right Cheek   |               | 0.033                   | 0.054                       | 0.171                           | 0.025                 | 0.087                                | 0.204                              | 0.058                          |                  |
|                                           | Right Tilt    |               | 0.016                   | 0.157                       | 0.335                           | 0.081                 | 0.173                                | 0.351                              | 0.097                          |                  |
| LTE Band 42<br>QPSK<br>(20MHz)            | Left Cheek    | 1RB           | 0.243                   | 0.150                       | 0.232                           | 0.068                 | 0.393                                | 0.475                              | 0.311                          |                  |
|                                           | Left Tilt     |               | 0.510                   | 0.287                       | 0.453                           | 0.141                 | 0.797                                | 0.963                              | 0.651                          |                  |
|                                           | Right Cheek   |               | 0.129                   | 0.054                       | 0.171                           | 0.025                 | 0.183                                | 0.300                              | 0.154                          |                  |
|                                           | Right Tilt    |               | 0.277                   | 0.157                       | 0.335                           | 0.081                 | 0.434                                | 0.612                              | 0.358                          |                  |
|                                           | Left Cheek    | 50%RB         | 0.239                   | 0.150                       | 0.232                           | 0.068                 | 0.389                                | 0.471                              | 0.307                          |                  |
|                                           | Left Tilt     |               | 0.507                   | 0.287                       | 0.453                           | 0.141                 | 0.794                                | 0.960                              | 0.648                          |                  |
|                                           | Right Cheek   |               | 0.128                   | 0.054                       | 0.171                           | 0.025                 | 0.182                                | 0.299                              | 0.153                          |                  |
|                                           | Right Tilt    |               | 0.273                   | 0.157                       | 0.335                           | 0.081                 | 0.430                                | 0.608                              | 0.354                          |                  |
| LTE Band 43(3600-3700)<br>QPSK<br>(20MHz) | Left Cheek    | 1RB           | 0.212                   | 0.150                       | 0.232                           | 0.068                 | 0.362                                | 0.444                              | 0.280                          |                  |
|                                           | Left Tilt     |               | 0.422                   | 0.287                       | 0.453                           | 0.141                 | 0.709                                | 0.875                              | 0.563                          |                  |
|                                           | Right Cheek   |               | 0.092                   | 0.054                       | 0.171                           | 0.025                 | 0.146                                | 0.263                              | 0.117                          |                  |
|                                           | Right Tilt    |               | 0.184                   | 0.157                       | 0.335                           | 0.081                 | 0.341                                | 0.519                              | 0.265                          |                  |
|                                           | Left Cheek    | 50%RB         | 0.209                   | 0.150                       | 0.232                           | 0.068                 | 0.359                                | 0.441                              | 0.277                          |                  |
|                                           | Left Tilt     |               | 0.419                   | 0.287                       | 0.453                           | 0.141                 | 0.706                                | 0.872                              | 0.560                          |                  |
|                                           | Right Cheek   |               | 0.092                   | 0.054                       | 0.171                           | 0.025                 | 0.146                                | 0.263                              | 0.117                          |                  |
|                                           | Right Tilt    |               | 0.187                   | 0.157                       | 0.335                           | 0.081                 | 0.344                                | 0.522                              | 0.268                          |                  |
| LTE Band 43(3700-3800)<br>QPSK<br>(20MHz) | Left Cheek    | 1RB           | 0.224                   | 0.150                       | 0.232                           | 0.068                 | 0.374                                | 0.456                              | 0.292                          |                  |
|                                           | Left Tilt     |               | 0.453                   | 0.287                       | 0.453                           | 0.141                 | 0.740                                | 0.906                              | 0.594                          |                  |
|                                           | Right Cheek   |               | 0.098                   | 0.054                       | 0.171                           | 0.025                 | 0.152                                | 0.269                              | 0.123                          |                  |
|                                           | Right Tilt    |               | 0.208                   | 0.157                       | 0.335                           | 0.081                 | 0.365                                | 0.543                              | 0.289                          |                  |
|                                           | Left Cheek    | 50%RB         | 0.220                   | 0.150                       | 0.232                           | 0.068                 | 0.370                                | 0.452                              | 0.288                          |                  |
|                                           | Left Tilt     |               | 0.450                   | 0.287                       | 0.453                           | 0.141                 | 0.737                                | 0.903                              | 0.591                          |                  |
|                                           | Right Cheek   |               | 0.096                   | 0.054                       | 0.171                           | 0.025                 | 0.150                                | 0.267                              | 0.121                          |                  |
|                                           | Right Tilt    |               | 0.209                   | 0.157                       | 0.335                           | 0.081                 | 0.366                                | 0.544                              | 0.290                          |                  |
| LTE Band 48<br>QPSK<br>(20MHz)            | Left Cheek    | 1RB           | 0.225                   | 0.150                       | 0.232                           | 0.068                 | 0.375                                | 0.457                              | 0.293                          |                  |
|                                           | Left Tilt     |               | 0.455                   | 0.287                       | 0.453                           | 0.141                 | 0.742                                | 0.908                              | 0.596                          |                  |
|                                           | Right Cheek   |               | 0.098                   | 0.054                       | 0.171                           | 0.025                 | 0.152                                | 0.269                              | 0.123                          |                  |
|                                           | Right Tilt    |               | 0.211                   | 0.157                       | 0.335                           | 0.081                 | 0.368                                | 0.546                              | 0.292                          |                  |
|                                           | Left Cheek    | 50%RB         | 0.223                   | 0.150                       | 0.232                           | 0.068                 | 0.373                                | 0.455                              | 0.291                          |                  |
|                                           | Left Tilt     |               | 0.459                   | 0.287                       | 0.453                           | 0.141                 | 0.746                                | 0.912                              | 0.600                          |                  |
|                                           | Right Cheek   |               | 0.096                   | 0.054                       | 0.171                           | 0.025                 | 0.150                                | 0.267                              | 0.121                          |                  |
|                                           | Right Tilt    |               | 0.208                   | 0.157                       | 0.335                           | 0.081                 | 0.365                                | 0.543                              | 0.289                          |                  |
| LTE Band 66<br>QPSK<br>(20MHz)            | Left Cheek    | 1RB           | 0.088                   | 0.150                       | 0.232                           | 0.068                 | 0.238                                | 0.320                              | 0.156                          |                  |
|                                           | Left Tilt     |               | 0.189                   | 0.287                       | 0.453                           | 0.141                 | 0.476                                | 0.642                              | 0.330                          |                  |
|                                           | Right Cheek   |               | 0.240                   | 0.054                       | 0.171                           | 0.025                 | 0.294                                | 0.411                              | 0.265                          |                  |
|                                           | Right Tilt    |               | 0.408                   | 0.157                       | 0.335                           | 0.081                 | 0.565                                | 0.743                              | 0.489                          |                  |
|                                           | Left Cheek    | 50%RB         | 0.086                   | 0.150                       | 0.232                           | 0.068                 | 0.236                                | 0.318                              | 0.154                          |                  |
|                                           | Left Tilt     |               | 0.186                   | 0.287                       | 0.453                           | 0.141                 | 0.473                                | 0.639                              | 0.327                          |                  |
|                                           | Right Cheek   |               | 0.236                   | 0.054                       | 0.171                           | 0.025                 | 0.290                                | 0.407                              | 0.261                          |                  |
|                                           | Right Tilt    |               | 0.406                   | 0.157                       | 0.335                           | 0.081                 | 0.563                                | 0.741                              | 0.487                          |                  |

| Band       | Test Position | RB allocation | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWA<br>N+BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|------------|---------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|            |               |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| NR Band 5  | Left Cheek    | 1RB           | 0.167                   | 0.150                       | 0.232                           | 0.068                 | 0.317                                | 0.399                              | 0.235                          | 1.6              |
|            | Left Tilt     |               | 0.104                   | 0.287                       | 0.453                           | 0.141                 | 0.391                                | 0.557                              | 0.245                          |                  |
|            | Right Cheek   |               | 0.214                   | 0.054                       | 0.171                           | 0.025                 | 0.268                                | 0.385                              | 0.239                          |                  |
|            | Right Tilt    |               | 0.119                   | 0.157                       | 0.335                           | 0.081                 | 0.276                                | 0.454                              | 0.200                          |                  |
|            | Left Cheek    | 50%RB         | 0.165                   | 0.150                       | 0.232                           | 0.068                 | 0.315                                | 0.397                              | 0.233                          |                  |
|            | Left Tilt     |               | 0.107                   | 0.287                       | 0.453                           | 0.141                 | 0.394                                | 0.560                              | 0.248                          |                  |
|            | Right Cheek   |               | 0.212                   | 0.054                       | 0.171                           | 0.025                 | 0.266                                | 0.383                              | 0.237                          |                  |
|            | Right Tilt    |               | 0.117                   | 0.157                       | 0.335                           | 0.081                 | 0.274                                | 0.452                              | 0.198                          |                  |
| NR Band 7  | Left Cheek    | 1RB           | 0.161                   | 0.150                       | 0.232                           | 0.068                 | 0.311                                | 0.393                              | 0.229                          |                  |
|            | Left Tilt     |               | 0.246                   | 0.287                       | 0.453                           | 0.141                 | 0.533                                | 0.699                              | 0.387                          |                  |
|            | Right Cheek   |               | 0.548                   | 0.054                       | 0.171                           | 0.025                 | 0.602                                | 0.719                              | 0.573                          |                  |
|            | Right Tilt    |               | 0.940                   | 0.157                       | 0.335                           | 0.081                 | 1.097                                | 1.275                              | 1.021                          |                  |
|            | Left Cheek    | 50%RB         | 0.879                   | 0.157                       | 0.335                           | 0.081                 | 1.036                                | 1.214                              | 0.960                          |                  |
|            | Left Tilt     |               | 0.171                   | 0.150                       | 0.232                           | 0.068                 | 0.321                                | 0.403                              | 0.239                          |                  |
|            | Left Tilt     |               | 0.266                   | 0.287                       | 0.453                           | 0.141                 | 0.553                                | 0.719                              | 0.407                          |                  |
|            | Right Cheek   |               | 0.545                   | 0.054                       | 0.171                           | 0.025                 | 0.599                                | 0.716                              | 0.570                          |                  |
| NR Band 12 | Right Tilt    | 50%RB         | 0.914                   | 0.157                       | 0.335                           | 0.081                 | 1.071                                | 1.249                              | 0.995                          |                  |
|            | Right Tilt    |               | 0.862                   | 0.157                       | 0.335                           | 0.081                 | 1.019                                | 1.197                              | 0.943                          |                  |
|            | Left Cheek    | 1RB           | 0.091                   | 0.150                       | 0.232                           | 0.068                 | 0.241                                | 0.323                              | 0.159                          |                  |
|            | Left Tilt     |               | 0.064                   | 0.287                       | 0.453                           | 0.141                 | 0.351                                | 0.517                              | 0.205                          |                  |
|            | Right Cheek   |               | 0.111                   | 0.054                       | 0.171                           | 0.025                 | 0.165                                | 0.282                              | 0.136                          |                  |
|            | Right Tilt    |               | 0.081                   | 0.157                       | 0.335                           | 0.081                 | 0.238                                | 0.416                              | 0.162                          |                  |
|            | Left Cheek    | 50%RB         | 0.098                   | 0.150                       | 0.232                           | 0.068                 | 0.248                                | 0.330                              | 0.166                          |                  |
|            | Left Tilt     |               | 0.065                   | 0.287                       | 0.453                           | 0.141                 | 0.352                                | 0.518                              | 0.206                          |                  |
| NR Band 38 | Right Cheek   | 50%RB         | 0.111                   | 0.054                       | 0.171                           | 0.025                 | 0.165                                | 0.282                              | 0.136                          |                  |
|            | Right Tilt    |               | 0.079                   | 0.157                       | 0.335                           | 0.081                 | 0.236                                | 0.414                              | 0.160                          |                  |
|            | Left Cheek    | 1RB           | 0.037                   | 0.150                       | 0.232                           | 0.068                 | 0.187                                | 0.269                              | 0.105                          |                  |
|            | Left Tilt     |               | 0.028                   | 0.287                       | 0.453                           | 0.141                 | 0.315                                | 0.481                              | 0.169                          |                  |
|            | Right Cheek   |               | 0.015                   | 0.054                       | 0.171                           | 0.025                 | 0.069                                | 0.186                              | 0.040                          |                  |
|            | Right Tilt    |               | 0.018                   | 0.157                       | 0.335                           | 0.081                 | 0.175                                | 0.353                              | 0.099                          |                  |
|            | Left Cheek    | 50%RB         | 0.034                   | 0.150                       | 0.232                           | 0.068                 | 0.184                                | 0.266                              | 0.102                          |                  |
|            | Left Tilt     |               | 0.026                   | 0.287                       | 0.453                           | 0.141                 | 0.313                                | 0.479                              | 0.167                          |                  |
| NR Band 41 | Right Cheek   | 50%RB         | 0.014                   | 0.054                       | 0.171                           | 0.025                 | 0.068                                | 0.185                              | 0.039                          |                  |
|            | Right Tilt    |               | 0.020                   | 0.157                       | 0.335                           | 0.081                 | 0.177                                | 0.355                              | 0.101                          |                  |
|            | Left Cheek    | 1RB           | 0.039                   | 0.150                       | 0.232                           | 0.068                 | 0.189                                | 0.271                              | 0.107                          |                  |
|            | Left Tilt     |               | 0.023                   | 0.287                       | 0.453                           | 0.141                 | 0.310                                | 0.476                              | 0.164                          |                  |
|            | Right Cheek   |               | 0.021                   | 0.054                       | 0.171                           | 0.025                 | 0.075                                | 0.192                              | 0.046                          |                  |
|            | Right Tilt    |               | 0.018                   | 0.157                       | 0.335                           | 0.081                 | 0.175                                | 0.353                              | 0.099                          |                  |
|            | Left Cheek    | 50%RB         | 0.036                   | 0.150                       | 0.232                           | 0.068                 | 0.186                                | 0.268                              | 0.104                          |                  |
|            | Left Tilt     |               | 0.022                   | 0.287                       | 0.453                           | 0.141                 | 0.309                                | 0.475                              | 0.163                          |                  |
| NR Band 48 | Right Cheek   | 50%RB         | 0.024                   | 0.054                       | 0.171                           | 0.025                 | 0.078                                | 0.195                              | 0.049                          |                  |
|            | Right Tilt    |               | 0.016                   | 0.157                       | 0.335                           | 0.081                 | 0.173                                | 0.351                              | 0.097                          |                  |
|            | Left Cheek    | 1RB           | 0.234                   | 0.150                       | 0.232                           | 0.068                 | 0.384                                | 0.466                              | 0.302                          |                  |
|            | Left Tilt     |               | 0.542                   | 0.287                       | 0.453                           | 0.141                 | 0.829                                | 0.995                              | 0.683                          |                  |
|            | Right Cheek   |               | 0.135                   | 0.054                       | 0.171                           | 0.025                 | 0.189                                | 0.306                              | 0.160                          |                  |
|            | Right Tilt    |               | 0.166                   | 0.157                       | 0.335                           | 0.081                 | 0.323                                | 0.501                              | 0.247                          |                  |
|            | Left Cheek    | 50%RB         | 0.227                   | 0.150                       | 0.232                           | 0.068                 | 0.377                                | 0.459                              | 0.295                          |                  |
|            | Left Tilt     |               | 0.508                   | 0.287                       | 0.453                           | 0.141                 | 0.795                                | 0.961                              | 0.649                          |                  |
| NR Band 66 | Right Cheek   | 50%RB         | 0.121                   | 0.054                       | 0.171                           | 0.025                 | 0.175                                | 0.292                              | 0.146                          |                  |
|            | Right Tilt    |               | 0.174                   | 0.157                       | 0.335                           | 0.081                 | 0.331                                | 0.509                              | 0.255                          |                  |
|            | Left Cheek    | 1RB           | 0.088                   | 0.150                       | 0.232                           | 0.068                 | 0.238                                | 0.320                              | 0.156                          |                  |
|            | Left Tilt     |               | 0.162                   | 0.287                       | 0.453                           | 0.141                 | 0.449                                | 0.615                              | 0.303                          |                  |
|            | Right Cheek   |               | 0.166                   | 0.054                       | 0.171                           | 0.025                 | 0.220                                | 0.337                              | 0.191                          |                  |
|            | Right Tilt    |               | 0.348                   | 0.157                       | 0.335                           | 0.081                 | 0.505                                | 0.683                              | 0.429                          |                  |
|            | Left Cheek    | 50%RB         | 0.085                   | 0.150                       | 0.232                           | 0.068                 | 0.235                                | 0.317                              | 0.153                          |                  |
|            | Left Tilt     |               | 0.160                   | 0.287                       | 0.453                           | 0.141                 | 0.447                                | 0.613                              | 0.301                          |                  |
|            | Right Cheek   |               | 0.164                   | 0.054                       | 0.171                           | 0.025                 | 0.218                                | 0.335                              | 0.189                          |                  |
|            | Right Tilt    |               | 0.346                   | 0.157                       | 0.335                           | 0.081                 | 0.503                                | 0.681                              | 0.427                          |                  |

| Band                      | Test Position | RB allocation | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWA<br>N+BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|---------------------------|---------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|                           |               |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| NR Band 77<br>(3450-3550) | Left Cheek    | 1RB           | 0.177                   | 0.150                       | 0.232                           | 0.068                 | 0.327                                | 0.409                              | 0.245                          | 1.6              |
|                           | Left Tilt     |               | 0.401                   | 0.287                       | 0.453                           | 0.141                 | 0.688                                | 0.854                              | 0.542                          |                  |
|                           | Right Cheek   |               | 0.146                   | 0.054                       | 0.171                           | 0.025                 | 0.200                                | 0.317                              | 0.171                          |                  |
|                           | Right Tilt    |               | 0.164                   | 0.157                       | 0.335                           | 0.081                 | 0.321                                | 0.499                              | 0.245                          |                  |
|                           | Left Cheek    | 50%RB         | 0.173                   | 0.150                       | 0.232                           | 0.068                 | 0.323                                | 0.405                              | 0.241                          |                  |
|                           | Left Tilt     |               | 0.381                   | 0.287                       | 0.453                           | 0.141                 | 0.668                                | 0.834                              | 0.522                          |                  |
|                           | Right Cheek   |               | 0.127                   | 0.054                       | 0.171                           | 0.025                 | 0.181                                | 0.298                              | 0.152                          |                  |
|                           | Right Tilt    |               | 0.180                   | 0.157                       | 0.335                           | 0.081                 | 0.337                                | 0.515                              | 0.261                          |                  |
| NR Band 77<br>(3550-3700) | Left Cheek    | 1RB           | 0.213                   | 0.150                       | 0.232                           | 0.068                 | 0.363                                | 0.445                              | 0.281                          |                  |
|                           | Left Tilt     |               | 0.471                   | 0.287                       | 0.453                           | 0.141                 | 0.758                                | 0.924                              | 0.612                          |                  |
|                           | Right Cheek   |               | 0.137                   | 0.054                       | 0.171                           | 0.025                 | 0.191                                | 0.308                              | 0.162                          |                  |
|                           | Right Tilt    |               | 0.161                   | 0.157                       | 0.335                           | 0.081                 | 0.318                                | 0.496                              | 0.242                          |                  |
|                           | Left Cheek    | 50%RB         | 0.209                   | 0.150                       | 0.232                           | 0.068                 | 0.359                                | 0.441                              | 0.277                          |                  |
|                           | Left Tilt     |               | 0.462                   | 0.287                       | 0.453                           | 0.141                 | 0.749                                | 0.915                              | 0.603                          |                  |
|                           | Right Cheek   |               | 0.135                   | 0.054                       | 0.171                           | 0.025                 | 0.189                                | 0.306                              | 0.160                          |                  |
|                           | Right Tilt    |               | 0.164                   | 0.157                       | 0.335                           | 0.081                 | 0.321                                | 0.499                              | 0.245                          |                  |
| NR Band 77<br>(3700-3980) | Left Cheek    | 1RB           | 0.113                   | 0.150                       | 0.232                           | 0.068                 | 0.263                                | 0.345                              | 0.181                          |                  |
|                           | Left Tilt     |               | 0.369                   | 0.287                       | 0.453                           | 0.141                 | 0.656                                | 0.822                              | 0.510                          |                  |
|                           | Right Cheek   |               | 0.103                   | 0.054                       | 0.171                           | 0.025                 | 0.157                                | 0.274                              | 0.128                          |                  |
|                           | Right Tilt    |               | 0.130                   | 0.157                       | 0.335                           | 0.081                 | 0.287                                | 0.465                              | 0.211                          |                  |
|                           | Left Cheek    | 50%RB         | 0.108                   | 0.150                       | 0.232                           | 0.068                 | 0.258                                | 0.340                              | 0.176                          |                  |
|                           | Left Tilt     |               | 0.364                   | 0.287                       | 0.453                           | 0.141                 | 0.651                                | 0.817                              | 0.505                          |                  |
|                           | Right Cheek   |               | 0.099                   | 0.054                       | 0.171                           | 0.025                 | 0.153                                | 0.270                              | 0.124                          |                  |
|                           | Right Tilt    |               | 0.121                   | 0.157                       | 0.335                           | 0.081                 | 0.278                                | 0.456                              | 0.202                          |                  |
| NR Band 78<br>(3450-3550) | Left Cheek    | 1RB           | 0.165                   | 0.150                       | 0.232                           | 0.068                 | 0.315                                | 0.397                              | 0.233                          |                  |
|                           | Left Tilt     |               | 0.403                   | 0.287                       | 0.453                           | 0.141                 | 0.690                                | 0.856                              | 0.544                          |                  |
|                           | Right Cheek   |               | 0.128                   | 0.054                       | 0.171                           | 0.025                 | 0.182                                | 0.299                              | 0.153                          |                  |
|                           | Right Tilt    |               | 0.142                   | 0.157                       | 0.335                           | 0.081                 | 0.299                                | 0.477                              | 0.223                          |                  |
|                           | Left Cheek    | 50%RB         | 0.170                   | 0.150                       | 0.232                           | 0.068                 | 0.320                                | 0.402                              | 0.238                          |                  |
|                           | Left Tilt     |               | 0.385                   | 0.287                       | 0.453                           | 0.141                 | 0.672                                | 0.838                              | 0.526                          |                  |
|                           | Right Cheek   |               | 0.123                   | 0.054                       | 0.171                           | 0.025                 | 0.177                                | 0.294                              | 0.148                          |                  |
|                           | Right Tilt    |               | 0.138                   | 0.157                       | 0.335                           | 0.081                 | 0.295                                | 0.473                              | 0.219                          |                  |
| NR Band 78<br>(3550-3700) | Left Cheek    | 1RB           | 0.178                   | 0.150                       | 0.232                           | 0.068                 | 0.328                                | 0.410                              | 0.246                          |                  |
|                           | Left Tilt     |               | 0.422                   | 0.287                       | 0.453                           | 0.141                 | 0.709                                | 0.875                              | 0.563                          |                  |
|                           | Right Cheek   |               | 0.117                   | 0.054                       | 0.171                           | 0.025                 | 0.171                                | 0.288                              | 0.142                          |                  |
|                           | Right Tilt    |               | 0.150                   | 0.157                       | 0.335                           | 0.081                 | 0.307                                | 0.485                              | 0.231                          |                  |
|                           | Left Cheek    | 50%RB         | 0.183                   | 0.150                       | 0.232                           | 0.068                 | 0.333                                | 0.415                              | 0.251                          |                  |
|                           | Left Tilt     |               | 0.419                   | 0.287                       | 0.453                           | 0.141                 | 0.706                                | 0.872                              | 0.560                          |                  |
|                           | Right Cheek   |               | 0.120                   | 0.054                       | 0.171                           | 0.025                 | 0.174                                | 0.291                              | 0.145                          |                  |
|                           | Right Tilt    |               | 0.152                   | 0.157                       | 0.335                           | 0.081                 | 0.309                                | 0.487                              | 0.233                          |                  |
| NR Band 78<br>(3700-3800) | Left Cheek    | 1RB           | 0.216                   | 0.150                       | 0.232                           | 0.068                 | 0.366                                | 0.448                              | 0.284                          |                  |
|                           | Left Tilt     |               | 0.498                   | 0.287                       | 0.453                           | 0.141                 | 0.785                                | 0.951                              | 0.639                          |                  |
|                           | Right Cheek   |               | 0.124                   | 0.054                       | 0.171                           | 0.025                 | 0.178                                | 0.295                              | 0.149                          |                  |
|                           | Right Tilt    |               | 0.148                   | 0.157                       | 0.335                           | 0.081                 | 0.305                                | 0.483                              | 0.229                          |                  |
|                           | Left Cheek    | 50%RB         | 0.212                   | 0.150                       | 0.232                           | 0.068                 | 0.362                                | 0.444                              | 0.280                          |                  |
|                           | Left Tilt     |               | 0.481                   | 0.287                       | 0.453                           | 0.141                 | 0.768                                | 0.934                              | 0.622                          |                  |
|                           | Right Cheek   |               | 0.120                   | 0.054                       | 0.171                           | 0.025                 | 0.174                                | 0.291                              | 0.145                          |                  |
|                           | Right Tilt    |               | 0.152                   | 0.157                       | 0.335                           | 0.081                 | 0.309                                | 0.487                              | 0.233                          |                  |
| 2-n7                      | Left Cheek    | 1RB           | 0.117                   | 0.150                       | 0.232                           | 0.068                 | 0.267                                | 0.349                              | 0.185                          |                  |
|                           | Left Tilt     |               | 0.207                   | 0.287                       | 0.453                           | 0.141                 | 0.494                                | 0.660                              | 0.348                          |                  |
|                           | Right Cheek   |               | 0.229                   | 0.054                       | 0.171                           | 0.025                 | 0.283                                | 0.400                              | 0.254                          |                  |
|                           | Right Tilt    |               | 0.363                   | 0.157                       | 0.335                           | 0.081                 | 0.520                                | 0.698                              | 0.444                          |                  |
|                           | Left Cheek    | 50%RB         | 0.111                   | 0.150                       | 0.232                           | 0.068                 | 0.261                                | 0.343                              | 0.179                          |                  |
|                           | Left Tilt     |               | 0.201                   | 0.287                       | 0.453                           | 0.141                 | 0.488                                | 0.654                              | 0.342                          |                  |
|                           | Right Cheek   |               | 0.224                   | 0.054                       | 0.171                           | 0.025                 | 0.278                                | 0.395                              | 0.249                          |                  |
|                           | Right Tilt    |               | 0.356                   | 0.157                       | 0.335                           | 0.081                 | 0.513                                | 0.691                              | 0.437                          |                  |

| Band  | Test Position | RB allocation | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWA<br>N+BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|-------|---------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|       |               |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| 2-n66 | Left Cheek    | 1RB           | 0.086                   | 0.150                       | 0.232                           | 0.068                 | 0.236                                | 0.318                              | 0.154                          | 1.6              |
|       | Left Tilt     |               | 0.153                   | 0.287                       | 0.453                           | 0.141                 | 0.440                                | 0.606                              | 0.294                          |                  |
|       | Right Cheek   |               | 0.129                   | 0.054                       | 0.171                           | 0.025                 | 0.183                                | 0.300                              | 0.154                          |                  |
|       | Right Tilt    |               | 0.289                   | 0.157                       | 0.335                           | 0.081                 | 0.446                                | 0.624                              | 0.370                          |                  |
|       | Left Cheek    | 50%RB         | 0.082                   | 0.150                       | 0.232                           | 0.068                 | 0.232                                | 0.314                              | 0.150                          |                  |
|       | Left Tilt     |               | 0.151                   | 0.287                       | 0.453                           | 0.141                 | 0.438                                | 0.604                              | 0.292                          |                  |
|       | Right Cheek   |               | 0.127                   | 0.054                       | 0.171                           | 0.025                 | 0.181                                | 0.298                              | 0.152                          |                  |
|       | Right Tilt    |               | 0.280                   | 0.157                       | 0.335                           | 0.081                 | 0.437                                | 0.615                              | 0.361                          |                  |
| 2-n78 | Left Cheek    | 1RB           | 0.154                   | 0.150                       | 0.232                           | 0.068                 | 0.304                                | 0.386                              | 0.222                          |                  |
|       | Left Tilt     |               | 0.358                   | 0.287                       | 0.453                           | 0.141                 | 0.645                                | 0.811                              | 0.499                          |                  |
|       | Right Cheek   |               | 0.062                   | 0.054                       | 0.171                           | 0.025                 | 0.116                                | 0.233                              | 0.087                          |                  |
|       | Right Tilt    |               | 0.099                   | 0.157                       | 0.335                           | 0.081                 | 0.256                                | 0.434                              | 0.180                          |                  |
|       | Left Cheek    | 50%RB         | 0.143                   | 0.150                       | 0.232                           | 0.068                 | 0.293                                | 0.375                              | 0.211                          |                  |
|       | Left Tilt     |               | 0.342                   | 0.287                       | 0.453                           | 0.141                 | 0.629                                | 0.795                              | 0.483                          |                  |
|       | Right Cheek   |               | 0.054                   | 0.054                       | 0.171                           | 0.025                 | 0.108                                | 0.225                              | 0.079                          |                  |
|       | Right Tilt    |               | 0.090                   | 0.157                       | 0.335                           | 0.081                 | 0.247                                | 0.425                              | 0.171                          |                  |
| 4-n7  | Left Cheek    | 1RB           | 0.158                   | 0.150                       | 0.232                           | 0.068                 | 0.308                                | 0.390                              | 0.226                          |                  |
|       | Left Tilt     |               | 0.256                   | 0.287                       | 0.453                           | 0.141                 | 0.543                                | 0.709                              | 0.397                          |                  |
|       | Right Cheek   |               | 0.394                   | 0.054                       | 0.171                           | 0.025                 | 0.448                                | 0.565                              | 0.419                          |                  |
|       | Right Tilt    |               | 0.645                   | 0.157                       | 0.335                           | 0.081                 | 0.802                                | 0.980                              | 0.726                          |                  |
|       | Left Cheek    | 50%RB         | 0.153                   | 0.150                       | 0.232                           | 0.068                 | 0.303                                | 0.385                              | 0.221                          |                  |
|       | Left Tilt     |               | 0.252                   | 0.287                       | 0.453                           | 0.141                 | 0.539                                | 0.705                              | 0.393                          |                  |
|       | Right Cheek   |               | 0.392                   | 0.054                       | 0.171                           | 0.025                 | 0.446                                | 0.563                              | 0.417                          |                  |
|       | Right Tilt    |               | 0.639                   | 0.157                       | 0.335                           | 0.081                 | 0.796                                | 0.974                              | 0.720                          |                  |
| 4-n41 | Left Cheek    | 1RB           | 0.073                   | 0.150                       | 0.232                           | 0.068                 | 0.223                                | 0.305                              | 0.141                          |                  |
|       | Left Tilt     |               | 0.116                   | 0.287                       | 0.453                           | 0.141                 | 0.403                                | 0.569                              | 0.257                          |                  |
|       | Right Cheek   |               | 0.088                   | 0.054                       | 0.171                           | 0.025                 | 0.142                                | 0.259                              | 0.113                          |                  |
|       | Right Tilt    |               | 0.153                   | 0.157                       | 0.335                           | 0.081                 | 0.310                                | 0.488                              | 0.234                          |                  |
|       | Left Cheek    | 50%RB         | 0.069                   | 0.150                       | 0.232                           | 0.068                 | 0.219                                | 0.301                              | 0.137                          |                  |
|       | Left Tilt     |               | 0.123                   | 0.287                       | 0.453                           | 0.141                 | 0.410                                | 0.576                              | 0.264                          |                  |
|       | Right Cheek   |               | 0.086                   | 0.054                       | 0.171                           | 0.025                 | 0.140                                | 0.257                              | 0.111                          |                  |
|       | Right Tilt    |               | 0.146                   | 0.157                       | 0.335                           | 0.081                 | 0.303                                | 0.481                              | 0.227                          |                  |
| 4-n78 | Left Cheek    | 1RB           | 0.114                   | 0.150                       | 0.232                           | 0.068                 | 0.264                                | 0.346                              | 0.182                          |                  |
|       | Left Tilt     |               | 0.273                   | 0.287                       | 0.453                           | 0.141                 | 0.560                                | 0.726                              | 0.414                          |                  |
|       | Right Cheek   |               | 0.084                   | 0.054                       | 0.171                           | 0.025                 | 0.138                                | 0.255                              | 0.109                          |                  |
|       | Right Tilt    |               | 0.083                   | 0.157                       | 0.335                           | 0.081                 | 0.240                                | 0.418                              | 0.164                          |                  |
|       | Left Cheek    | 50%RB         | 0.122                   | 0.150                       | 0.232                           | 0.068                 | 0.272                                | 0.354                              | 0.190                          |                  |
|       | Left Tilt     |               | 0.257                   | 0.287                       | 0.453                           | 0.141                 | 0.544                                | 0.710                              | 0.398                          |                  |
|       | Right Cheek   |               | 0.075                   | 0.054                       | 0.171                           | 0.025                 | 0.129                                | 0.246                              | 0.100                          |                  |
|       | Right Tilt    |               | 0.090                   | 0.157                       | 0.335                           | 0.081                 | 0.247                                | 0.425                              | 0.171                          |                  |
| 5-n7  | Left Cheek    | 1RB           | 0.098                   | 0.150                       | 0.232                           | 0.068                 | 0.248                                | 0.330                              | 0.166                          |                  |
|       | Left Tilt     |               | 0.137                   | 0.287                       | 0.453                           | 0.141                 | 0.424                                | 0.590                              | 0.278                          |                  |
|       | Right Cheek   |               | 0.225                   | 0.054                       | 0.171                           | 0.025                 | 0.279                                | 0.396                              | 0.250                          |                  |
|       | Right Tilt    |               | 0.275                   | 0.157                       | 0.335                           | 0.081                 | 0.432                                | 0.610                              | 0.356                          |                  |
|       | Left Cheek    | 50%RB         | 0.095                   | 0.150                       | 0.232                           | 0.068                 | 0.245                                | 0.327                              | 0.163                          |                  |
|       | Left Tilt     |               | 0.133                   | 0.287                       | 0.453                           | 0.141                 | 0.420                                | 0.586                              | 0.274                          |                  |
|       | Right Cheek   |               | 0.223                   | 0.054                       | 0.171                           | 0.025                 | 0.277                                | 0.394                              | 0.248                          |                  |
|       | Right Tilt    |               | 0.269                   | 0.157                       | 0.335                           | 0.081                 | 0.426                                | 0.604                              | 0.350                          |                  |
| 5-n38 | Left Cheek    | 1RB           | 0.090                   | 0.150                       | 0.232                           | 0.068                 | 0.240                                | 0.322                              | 0.158                          |                  |
|       | Left Tilt     |               | 0.049                   | 0.287                       | 0.453                           | 0.141                 | 0.336                                | 0.502                              | 0.190                          |                  |
|       | Right Cheek   |               | 0.105                   | 0.054                       | 0.171                           | 0.025                 | 0.159                                | 0.276                              | 0.130                          |                  |
|       | Right Tilt    |               | 0.061                   | 0.157                       | 0.335                           | 0.081                 | 0.218                                | 0.396                              | 0.142                          |                  |
|       | Left Cheek    | 50%RB         | 0.086                   | 0.150                       | 0.232                           | 0.068                 | 0.236                                | 0.318                              | 0.154                          |                  |
|       | Left Tilt     |               | 0.051                   | 0.287                       | 0.453                           | 0.141                 | 0.338                                | 0.504                              | 0.192                          |                  |
|       | Right Cheek   |               | 0.103                   | 0.054                       | 0.171                           | 0.025                 | 0.157                                | 0.274                              | 0.128                          |                  |
|       | Right Tilt    |               | 0.058                   | 0.157                       | 0.335                           | 0.081                 | 0.215                                | 0.393                              | 0.139                          |                  |

| Band  | Test Position | RB allocation | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWA<br>N+BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|-------|---------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|       |               |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| 5-n41 | Left Cheek    | 1RB           | 0.104                   | 0.150                       | 0.232                           | 0.068                 | 0.254                                | 0.336                              | 0.172                          | 1.6              |
|       | Left Tilt     |               | 0.070                   | 0.287                       | 0.453                           | 0.141                 | 0.357                                | 0.523                              | 0.211                          |                  |
|       | Right Cheek   |               | 0.121                   | 0.054                       | 0.171                           | 0.025                 | 0.175                                | 0.292                              | 0.146                          |                  |
|       | Right Tilt    |               | 0.086                   | 0.157                       | 0.335                           | 0.081                 | 0.243                                | 0.421                              | 0.167                          |                  |
|       | Left Cheek    | 50%RB         | 0.101                   | 0.150                       | 0.232                           | 0.068                 | 0.251                                | 0.333                              | 0.169                          |                  |
|       | Left Tilt     |               | 0.073                   | 0.287                       | 0.453                           | 0.141                 | 0.360                                | 0.526                              | 0.214                          |                  |
|       | Right Cheek   |               | 0.121                   | 0.054                       | 0.171                           | 0.025                 | 0.175                                | 0.292                              | 0.146                          |                  |
|       | Right Tilt    |               | 0.089                   | 0.157                       | 0.335                           | 0.081                 | 0.246                                | 0.424                              | 0.170                          |                  |
| 5-n66 | Left Cheek    | 1RB           | 0.150                   | 0.150                       | 0.232                           | 0.068                 | 0.300                                | 0.382                              | 0.218                          |                  |
|       | Left Tilt     |               | 0.355                   | 0.287                       | 0.453                           | 0.141                 | 0.642                                | 0.808                              | 0.496                          |                  |
|       | Right Cheek   |               | 0.392                   | 0.054                       | 0.171                           | 0.025                 | 0.446                                | 0.563                              | 0.417                          |                  |
|       | Right Tilt    |               | 0.671                   | 0.157                       | 0.335                           | 0.081                 | 0.828                                | 1.006                              | 0.752                          |                  |
|       | Left Cheek    | 50%RB         | 0.172                   | 0.150                       | 0.232                           | 0.068                 | 0.322                                | 0.404                              | 0.240                          |                  |
|       | Left Tilt     |               | 0.383                   | 0.287                       | 0.453                           | 0.141                 | 0.670                                | 0.836                              | 0.524                          |                  |
|       | Right Cheek   |               | 0.376                   | 0.054                       | 0.171                           | 0.025                 | 0.430                                | 0.547                              | 0.401                          |                  |
|       | Right Tilt    |               | 0.654                   | 0.157                       | 0.335                           | 0.081                 | 0.811                                | 0.989                              | 0.735                          |                  |
| 5-n77 | Left Cheek    | 1RB           | 0.094                   | 0.150                       | 0.232                           | 0.068                 | 0.244                                | 0.326                              | 0.162                          |                  |
|       | Left Tilt     |               | 0.203                   | 0.287                       | 0.453                           | 0.141                 | 0.490                                | 0.656                              | 0.344                          |                  |
|       | Right Cheek   |               | 0.045                   | 0.054                       | 0.171                           | 0.025                 | 0.099                                | 0.216                              | 0.070                          |                  |
|       | Right Tilt    |               | 0.062                   | 0.157                       | 0.335                           | 0.081                 | 0.219                                | 0.397                              | 0.143                          |                  |
|       | Left Cheek    | 50%RB         | 0.081                   | 0.150                       | 0.232                           | 0.068                 | 0.231                                | 0.313                              | 0.149                          |                  |
|       | Left Tilt     |               | 0.196                   | 0.287                       | 0.453                           | 0.141                 | 0.483                                | 0.649                              | 0.337                          |                  |
|       | Right Cheek   |               | 0.039                   | 0.054                       | 0.171                           | 0.025                 | 0.093                                | 0.210                              | 0.064                          |                  |
|       | Right Tilt    |               | 0.059                   | 0.157                       | 0.335                           | 0.081                 | 0.216                                | 0.394                              | 0.140                          |                  |
| 5-n78 | Left Cheek    | 1RB           | 0.071                   | 0.150                       | 0.232                           | 0.068                 | 0.221                                | 0.303                              | 0.139                          |                  |
|       | Left Tilt     |               | 0.154                   | 0.287                       | 0.453                           | 0.141                 | 0.441                                | 0.607                              | 0.295                          |                  |
|       | Right Cheek   |               | 0.026                   | 0.054                       | 0.171                           | 0.025                 | 0.080                                | 0.197                              | 0.051                          |                  |
|       | Right Tilt    |               | 0.041                   | 0.157                       | 0.335                           | 0.081                 | 0.198                                | 0.376                              | 0.122                          |                  |
|       | Left Cheek    | 50%RB         | 0.064                   | 0.150                       | 0.232                           | 0.068                 | 0.214                                | 0.296                              | 0.132                          |                  |
|       | Left Tilt     |               | 0.149                   | 0.287                       | 0.453                           | 0.141                 | 0.436                                | 0.602                              | 0.290                          |                  |
|       | Right Cheek   |               | 0.029                   | 0.054                       | 0.171                           | 0.025                 | 0.083                                | 0.200                              | 0.054                          |                  |
|       | Right Tilt    |               | 0.048                   | 0.157                       | 0.335                           | 0.081                 | 0.205                                | 0.383                              | 0.129                          |                  |
| 7-n66 | Left Cheek    | 1RB           | 0.082                   | 0.150                       | 0.232                           | 0.068                 | 0.232                                | 0.314                              | 0.150                          |                  |
|       | Left Tilt     |               | 0.165                   | 0.287                       | 0.453                           | 0.141                 | 0.452                                | 0.618                              | 0.306                          |                  |
|       | Right Cheek   |               | 0.202                   | 0.054                       | 0.171                           | 0.025                 | 0.256                                | 0.373                              | 0.227                          |                  |
|       | Right Tilt    |               | 0.294                   | 0.157                       | 0.335                           | 0.081                 | 0.451                                | 0.629                              | 0.375                          |                  |
|       | Left Cheek    | 50%RB         | 0.078                   | 0.150                       | 0.232                           | 0.068                 | 0.228                                | 0.310                              | 0.146                          |                  |
|       | Left Tilt     |               | 0.160                   | 0.287                       | 0.453                           | 0.141                 | 0.447                                | 0.613                              | 0.301                          |                  |
|       | Right Cheek   |               | 0.205                   | 0.054                       | 0.171                           | 0.025                 | 0.259                                | 0.376                              | 0.230                          |                  |
|       | Right Tilt    |               | 0.291                   | 0.157                       | 0.335                           | 0.081                 | 0.448                                | 0.626                              | 0.372                          |                  |
| 7-n77 | Left Cheek    | 1RB           | 0.288                   | 0.150                       | 0.232                           | 0.068                 | 0.438                                | 0.520                              | 0.356                          |                  |
|       | Left Tilt     |               | 0.595                   | 0.287                       | 0.453                           | 0.141                 | 0.882                                | 1.048                              | 0.736                          |                  |
|       | Right Cheek   |               | 0.112                   | 0.054                       | 0.171                           | 0.025                 | 0.166                                | 0.283                              | 0.137                          |                  |
|       | Right Tilt    |               | 0.156                   | 0.157                       | 0.335                           | 0.081                 | 0.313                                | 0.491                              | 0.237                          |                  |
|       | Left Cheek    | 50%RB         | 0.279                   | 0.150                       | 0.232                           | 0.068                 | 0.429                                | 0.511                              | 0.347                          |                  |
|       | Left Tilt     |               | 0.582                   | 0.287                       | 0.453                           | 0.141                 | 0.869                                | 1.035                              | 0.723                          |                  |
|       | Right Cheek   |               | 0.107                   | 0.054                       | 0.171                           | 0.025                 | 0.161                                | 0.278                              | 0.132                          |                  |
|       | Right Tilt    |               | 0.149                   | 0.157                       | 0.335                           | 0.081                 | 0.306                                | 0.484                              | 0.230                          |                  |
| 7-n78 | Left Cheek    | 1RB           | 0.252                   | 0.150                       | 0.232                           | 0.068                 | 0.402                                | 0.484                              | 0.320                          |                  |
|       | Left Tilt     |               | 0.523                   | 0.287                       | 0.453                           | 0.141                 | 0.810                                | 0.976                              | 0.664                          |                  |
|       | Right Cheek   |               | 0.087                   | 0.054                       | 0.171                           | 0.025                 | 0.141                                | 0.258                              | 0.112                          |                  |
|       | Right Tilt    |               | 0.145                   | 0.157                       | 0.335                           | 0.081                 | 0.302                                | 0.480                              | 0.226                          |                  |
|       | Left Cheek    | 50%RB         | 0.237                   | 0.150                       | 0.232                           | 0.068                 | 0.387                                | 0.469                              | 0.305                          |                  |
|       | Left Tilt     |               | 0.515                   | 0.287                       | 0.453                           | 0.141                 | 0.802                                | 0.968                              | 0.656                          |                  |
|       | Right Cheek   |               | 0.081                   | 0.054                       | 0.171                           | 0.025                 | 0.135                                | 0.252                              | 0.106                          |                  |
|       | Right Tilt    |               | 0.129                   | 0.157                       | 0.335                           | 0.081                 | 0.286                                | 0.464                              | 0.210                          |                  |

| Band   | Test Position | RB allocation | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWA<br>N+BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|--------|---------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|        |               |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| 38-n78 | Left Cheek    | 1RB           | 0.231                   | 0.150                       | 0.232                           | 0.068                 | 0.381                                | 0.463                              | 0.299                          | 1.6              |
|        | Left Tilt     |               | 0.486                   | 0.287                       | 0.453                           | 0.141                 | 0.773                                | 0.939                              | 0.627                          |                  |
|        | Right Cheek   |               | 0.089                   | 0.054                       | 0.171                           | 0.025                 | 0.143                                | 0.260                              | 0.114                          |                  |
|        | Right Tilt    |               | 0.142                   | 0.157                       | 0.335                           | 0.081                 | 0.299                                | 0.477                              | 0.223                          |                  |
|        | Left Cheek    | 50%RB         | 0.221                   | 0.150                       | 0.232                           | 0.068                 | 0.371                                | 0.453                              | 0.289                          |                  |
|        | Left Tilt     |               | 0.484                   | 0.287                       | 0.453                           | 0.141                 | 0.771                                | 0.937                              | 0.625                          |                  |
|        | Right Cheek   |               | 0.084                   | 0.054                       | 0.171                           | 0.025                 | 0.138                                | 0.255                              | 0.109                          |                  |
|        | Right Tilt    |               | 0.134                   | 0.157                       | 0.335                           | 0.081                 | 0.291                                | 0.469                              | 0.215                          |                  |
| 41-n77 | Left Cheek    | 1RB           | 0.319                   | 0.150                       | 0.232                           | 0.068                 | 0.469                                | 0.551                              | 0.387                          |                  |
|        | Left Tilt     |               | 0.604                   | 0.287                       | 0.453                           | 0.141                 | 0.891                                | 1.057                              | 0.745                          |                  |
|        | Right Cheek   |               | 0.114                   | 0.054                       | 0.171                           | 0.025                 | 0.168                                | 0.285                              | 0.139                          |                  |
|        | Right Tilt    |               | 0.166                   | 0.157                       | 0.335                           | 0.081                 | 0.323                                | 0.501                              | 0.247                          |                  |
|        | Left Cheek    | 50%RB         | 0.303                   | 0.150                       | 0.232                           | 0.068                 | 0.453                                | 0.535                              | 0.371                          |                  |
|        | Left Tilt     |               | 0.583                   | 0.287                       | 0.453                           | 0.141                 | 0.870                                | 1.036                              | 0.724                          |                  |
|        | Right Cheek   |               | 0.107                   | 0.054                       | 0.171                           | 0.025                 | 0.161                                | 0.278                              | 0.132                          |                  |
|        | Right Tilt    |               | 0.158                   | 0.157                       | 0.335                           | 0.081                 | 0.315                                | 0.493                              | 0.239                          |                  |
| 41-n78 | Left Cheek    | 1RB           | 0.250                   | 0.150                       | 0.232                           | 0.068                 | 0.400                                | 0.482                              | 0.318                          |                  |
|        | Left Tilt     |               | 0.490                   | 0.287                       | 0.453                           | 0.141                 | 0.777                                | 0.943                              | 0.631                          |                  |
|        | Right Cheek   |               | 0.090                   | 0.054                       | 0.171                           | 0.025                 | 0.144                                | 0.261                              | 0.115                          |                  |
|        | Right Tilt    |               | 0.143                   | 0.157                       | 0.335                           | 0.081                 | 0.300                                | 0.478                              | 0.224                          |                  |
|        | Left Cheek    | 50%RB         | 0.245                   | 0.150                       | 0.232                           | 0.068                 | 0.395                                | 0.477                              | 0.313                          |                  |
|        | Left Tilt     |               | 0.481                   | 0.287                       | 0.453                           | 0.141                 | 0.768                                | 0.934                              | 0.622                          |                  |
|        | Right Cheek   |               | 0.081                   | 0.054                       | 0.171                           | 0.025                 | 0.135                                | 0.252                              | 0.106                          |                  |
|        | Right Tilt    |               | 0.150                   | 0.157                       | 0.335                           | 0.081                 | 0.307                                | 0.485                              | 0.231                          |                  |
| 66-n7  | Left Cheek    | 1RB           | 0.066                   | 0.150                       | 0.232                           | 0.068                 | 0.216                                | 0.298                              | 0.134                          |                  |
|        | Left Tilt     |               | 0.104                   | 0.287                       | 0.453                           | 0.141                 | 0.391                                | 0.557                              | 0.245                          |                  |
|        | Right Cheek   |               | 0.200                   | 0.054                       | 0.171                           | 0.025                 | 0.254                                | 0.371                              | 0.225                          |                  |
|        | Right Tilt    |               | 0.234                   | 0.157                       | 0.335                           | 0.081                 | 0.391                                | 0.569                              | 0.315                          |                  |
|        | Left Cheek    | 50%RB         | 0.062                   | 0.150                       | 0.232                           | 0.068                 | 0.212                                | 0.294                              | 0.130                          |                  |
|        | Left Tilt     |               | 0.109                   | 0.287                       | 0.453                           | 0.141                 | 0.396                                | 0.562                              | 0.250                          |                  |
|        | Right Cheek   |               | 0.206                   | 0.054                       | 0.171                           | 0.025                 | 0.260                                | 0.377                              | 0.231                          |                  |
|        | Right Tilt    |               | 0.226                   | 0.157                       | 0.335                           | 0.081                 | 0.383                                | 0.561                              | 0.307                          |                  |
| 66-n38 | Left Cheek    | 1RB           | 0.090                   | 0.150                       | 0.232                           | 0.068                 | 0.240                                | 0.322                              | 0.158                          |                  |
|        | Left Tilt     |               | 0.097                   | 0.287                       | 0.453                           | 0.141                 | 0.384                                | 0.550                              | 0.238                          |                  |
|        | Right Cheek   |               | 0.082                   | 0.054                       | 0.171                           | 0.025                 | 0.136                                | 0.253                              | 0.107                          |                  |
|        | Right Tilt    |               | 0.100                   | 0.157                       | 0.335                           | 0.081                 | 0.257                                | 0.435                              | 0.181                          |                  |
|        | Left Cheek    | 50%RB         | 0.088                   | 0.150                       | 0.232                           | 0.068                 | 0.238                                | 0.320                              | 0.156                          |                  |
|        | Left Tilt     |               | 0.092                   | 0.287                       | 0.453                           | 0.141                 | 0.379                                | 0.545                              | 0.233                          |                  |
|        | Right Cheek   |               | 0.084                   | 0.054                       | 0.171                           | 0.025                 | 0.138                                | 0.255                              | 0.109                          |                  |
|        | Right Tilt    |               | 0.103                   | 0.157                       | 0.335                           | 0.081                 | 0.260                                | 0.438                              | 0.184                          |                  |
| 66-n41 | Left Cheek    | 1RB           | 0.052                   | 0.150                       | 0.232                           | 0.068                 | 0.202                                | 0.284                              | 0.120                          |                  |
|        | Left Tilt     |               | 0.099                   | 0.287                       | 0.453                           | 0.141                 | 0.386                                | 0.552                              | 0.240                          |                  |
|        | Right Cheek   |               | 0.070                   | 0.054                       | 0.171                           | 0.025                 | 0.124                                | 0.241                              | 0.095                          |                  |
|        | Right Tilt    |               | 0.151                   | 0.157                       | 0.335                           | 0.081                 | 0.308                                | 0.486                              | 0.232                          |                  |
|        | Left Cheek    | 50%RB         | 0.055                   | 0.150                       | 0.232                           | 0.068                 | 0.205                                | 0.287                              | 0.123                          |                  |
|        | Left Tilt     |               | 0.104                   | 0.287                       | 0.453                           | 0.141                 | 0.391                                | 0.557                              | 0.245                          |                  |
|        | Right Cheek   |               | 0.074                   | 0.054                       | 0.171                           | 0.025                 | 0.128                                | 0.245                              | 0.099                          |                  |
|        | Right Tilt    |               | 0.150                   | 0.157                       | 0.335                           | 0.081                 | 0.307                                | 0.485                              | 0.231                          |                  |
| 66-n66 | Left Cheek    | 1RB           | 0.110                   | 0.150                       | 0.232                           | 0.068                 | 0.260                                | 0.342                              | 0.178                          |                  |
|        | Left Tilt     |               | 0.072                   | 0.287                       | 0.453                           | 0.141                 | 0.359                                | 0.525                              | 0.213                          |                  |
|        | Right Cheek   |               | 0.070                   | 0.054                       | 0.171                           | 0.025                 | 0.124                                | 0.241                              | 0.095                          |                  |
|        | Right Tilt    |               | 0.044                   | 0.157                       | 0.335                           | 0.081                 | 0.201                                | 0.379                              | 0.125                          |                  |
|        | Left Cheek    | 50%RB         | 0.108                   | 0.150                       | 0.232                           | 0.068                 | 0.258                                | 0.340                              | 0.176                          |                  |
|        | Left Tilt     |               | 0.069                   | 0.287                       | 0.453                           | 0.141                 | 0.356                                | 0.522                              | 0.210                          |                  |
|        | Right Cheek   |               | 0.073                   | 0.054                       | 0.171                           | 0.025                 | 0.127                                | 0.244                              | 0.098                          |                  |
|        | Right Tilt    |               | 0.045                   | 0.157                       | 0.335                           | 0.081                 | 0.202                                | 0.380                              | 0.126                          |                  |

| Band   | Test Position | RB allocation | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWA<br>N+BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|--------|---------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|        |               |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| 66-n77 | Left Cheek    | 1RB           | 0.198                   | 0.150                       | 0.232                           | 0.068                 | 0.348                                | 0.430                              | 0.266                          | 1.6              |
|        | Left Tilt     |               | 0.365                   | 0.287                       | 0.453                           | 0.141                 | 0.652                                | 0.818                              | 0.506                          |                  |
|        | Right Cheek   |               | 0.076                   | 0.054                       | 0.171                           | 0.025                 | 0.130                                | 0.247                              | 0.101                          |                  |
|        | Right Tilt    |               | 0.117                   | 0.157                       | 0.335                           | 0.081                 | 0.274                                | 0.452                              | 0.198                          |                  |
|        | Left Cheek    | 50%RB         | 0.191                   | 0.150                       | 0.232                           | 0.068                 | 0.341                                | 0.423                              | 0.259                          |                  |
|        | Left Tilt     |               | 0.360                   | 0.287                       | 0.453                           | 0.141                 | 0.647                                | 0.813                              | 0.501                          |                  |
|        | Right Cheek   |               | 0.081                   | 0.054                       | 0.171                           | 0.025                 | 0.135                                | 0.252                              | 0.106                          |                  |
|        | Right Tilt    |               | 0.112                   | 0.157                       | 0.335                           | 0.081                 | 0.269                                | 0.447                              | 0.193                          |                  |
| 66-n78 | Left Cheek    | 1RB           | 0.151                   | 0.150                       | 0.232                           | 0.068                 | 0.301                                | 0.383                              | 0.219                          |                  |
|        | Left Tilt     |               | 0.316                   | 0.287                       | 0.453                           | 0.141                 | 0.603                                | 0.769                              | 0.457                          |                  |
|        | Right Cheek   |               | 0.066                   | 0.054                       | 0.171                           | 0.025                 | 0.120                                | 0.237                              | 0.091                          |                  |
|        | Right Tilt    |               | 0.102                   | 0.157                       | 0.335                           | 0.081                 | 0.259                                | 0.437                              | 0.183                          |                  |
|        | Left Cheek    | 50%RB         | 0.149                   | 0.150                       | 0.232                           | 0.068                 | 0.299                                | 0.381                              | 0.217                          |                  |
|        | Left Tilt     |               | 0.288                   | 0.287                       | 0.453                           | 0.141                 | 0.575                                | 0.741                              | 0.429                          |                  |
|        | Right Cheek   |               | 0.070                   | 0.054                       | 0.171                           | 0.025                 | 0.124                                | 0.241                              | 0.095                          |                  |
|        | Right Tilt    |               | 0.105                   | 0.157                       | 0.335                           | 0.081                 | 0.262                                | 0.440                              | 0.186                          |                  |

Hotspot(body-worn10mm)

| Band                        | Test Position | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWAN+<br>BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|-----------------------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|                             |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| GSM850<br>(GPRS<br>4slots)  | Front         | 0.151                   | 0.051                       | 0.037                           | 0.020                 | 0.202                                | 0.188                              | 0.171                          | 1.6              |
|                             | Back          | 0.207                   | 0.058                       | 0.047                           | 0.023                 | 0.265                                | 0.254                              | 0.230                          |                  |
|                             | Left          | 0.197                   | 0.004                       | 0.007                           | 0.002                 | 0.201                                | 0.204                              | 0.199                          |                  |
|                             | Right         | 0.083                   | 0.029                       | 0.015                           | 0.013                 | 0.112                                | 0.098                              | 0.096                          |                  |
|                             | Top           | 0.002                   | 0.048                       | 0.083                           | 0.020                 | 0.050                                | 0.085                              | 0.022                          |                  |
|                             | Bottom        | 0.184                   | 0.003                       | 0.003                           | 0.002                 | 0.187                                | 0.187                              | 0.186                          |                  |
| GSM1900<br>(GPRS<br>4slots) | Front         | 0.067                   | 0.051                       | 0.037                           | 0.020                 | 0.118                                | 0.104                              | 0.087                          |                  |
|                             | Back          | 0.079                   | 0.058                       | 0.047                           | 0.023                 | 0.137                                | 0.126                              | 0.102                          |                  |
|                             | Left          | 0.035                   | 0.004                       | 0.007                           | 0.002                 | 0.039                                | 0.042                              | 0.037                          |                  |
|                             | Right         | 0.010                   | 0.029                       | 0.015                           | 0.013                 | 0.039                                | 0.025                              | 0.023                          |                  |
|                             | Top           | 0.083                   | 0.048                       | 0.083                           | 0.020                 | 0.131                                | 0.166                              | 0.103                          |                  |
|                             | Bottom        | 0.002                   | 0.003                       | 0.003                           | 0.002                 | 0.005                                | 0.005                              | 0.004                          |                  |
| WCDMA<br>Band 2             | Front         | 0.049                   | 0.051                       | 0.037                           | 0.020                 | 0.100                                | 0.086                              | 0.069                          |                  |
|                             | Back          | 0.057                   | 0.058                       | 0.047                           | 0.023                 | 0.115                                | 0.104                              | 0.080                          |                  |
|                             | Left          | 0.031                   | 0.004                       | 0.007                           | 0.002                 | 0.035                                | 0.038                              | 0.033                          |                  |
|                             | Right         | 0.007                   | 0.029                       | 0.015                           | 0.013                 | 0.036                                | 0.022                              | 0.020                          |                  |
|                             | Top           | 0.065                   | 0.048                       | 0.083                           | 0.020                 | 0.113                                | 0.148                              | 0.085                          |                  |
|                             | Bottom        | 0.002                   | 0.003                       | 0.003                           | 0.002                 | 0.005                                | 0.005                              | 0.004                          |                  |
| WCDMA<br>Band 4             | Front         | 0.043                   | 0.051                       | 0.037                           | 0.020                 | 0.094                                | 0.080                              | 0.063                          |                  |
|                             | Back          | 0.053                   | 0.058                       | 0.047                           | 0.023                 | 0.111                                | 0.100                              | 0.076                          |                  |
|                             | Left          | 0.022                   | 0.004                       | 0.007                           | 0.002                 | 0.026                                | 0.029                              | 0.024                          |                  |
|                             | Right         | 0.007                   | 0.029                       | 0.015                           | 0.013                 | 0.036                                | 0.022                              | 0.020                          |                  |
|                             | Top           | 0.061                   | 0.048                       | 0.083                           | 0.020                 | 0.109                                | 0.144                              | 0.081                          |                  |
|                             | Bottom        | 0.002                   | 0.003                       | 0.003                           | 0.002                 | 0.005                                | 0.005                              | 0.004                          |                  |
| WCDMA<br>Band 5             | Front         | 0.411                   | 0.051                       | 0.037                           | 0.020                 | 0.462                                | 0.448                              | 0.431                          |                  |
|                             | Back          | 0.493                   | 0.058                       | 0.047                           | 0.023                 | 0.551                                | 0.540                              | 0.516                          |                  |
|                             | Left          | 0.018                   | 0.004                       | 0.007                           | 0.002                 | 0.022                                | 0.025                              | 0.020                          |                  |
|                             | Right         | 0.079                   | 0.029                       | 0.015                           | 0.013                 | 0.108                                | 0.094                              | 0.092                          |                  |
|                             | Top           | 0.004                   | 0.048                       | 0.083                           | 0.020                 | 0.052                                | 0.087                              | 0.024                          |                  |
|                             | Bottom        | 0.170                   | 0.003                       | 0.003                           | 0.002                 | 0.173                                | 0.173                              | 0.172                          |                  |

| Band        | Test Position | RB allocation | Scaled SAR        |                       |                           |                 | WWAN+ WiFi2.4G | WWAN+ WiFi5G | WWAN+ BT     | Llimit (W/kg) |
|-------------|---------------|---------------|-------------------|-----------------------|---------------------------|-----------------|----------------|--------------|--------------|---------------|
|             |               |               | WWAN SAR 1g(W/kg) | WiFi2.4G SAR 1g(W/kg) | Wi-Fi 5G(Band 2) 1g(W/kg) | BT SAR 1g(W/kg) | Σ SAR (W/kg)   | Σ SAR (W/kg) | Σ SAR (W/kg) |               |
| LTE Band 2  | Front         | 1RB           | 0.045             | 0.051                 | 0.037                     | 0.020           | 0.096          | 0.082        | 0.065        | 1.6           |
|             | Back          |               | 0.054             | 0.058                 | 0.047                     | 0.023           | 0.112          | 0.101        | 0.077        |               |
|             | Left          |               | 0.013             | 0.004                 | 0.007                     | 0.002           | 0.017          | 0.020        | 0.015        |               |
|             | Right         |               | 0.003             | 0.029                 | 0.015                     | 0.013           | 0.032          | 0.018        | 0.016        |               |
|             | Top           |               | 0.029             | 0.048                 | 0.083                     | 0.020           | 0.077          | 0.112        | 0.049        |               |
|             | Bottom        |               | 0.002             | 0.003                 | 0.003                     | 0.002           | 0.005          | 0.005        | 0.004        |               |
|             | Front         | 50%RB         | 0.046             | 0.051                 | 0.037                     | 0.020           | 0.097          | 0.083        | 0.066        |               |
|             | Back          |               | 0.051             | 0.058                 | 0.047                     | 0.023           | 0.109          | 0.098        | 0.074        |               |
|             | Left          |               | 0.013             | 0.004                 | 0.007                     | 0.002           | 0.017          | 0.020        | 0.015        |               |
|             | Right         |               | 0.004             | 0.029                 | 0.015                     | 0.013           | 0.033          | 0.019        | 0.017        |               |
|             | Top           |               | 0.028             | 0.048                 | 0.083                     | 0.020           | 0.076          | 0.111        | 0.048        |               |
|             | Bottom        |               | 0.003             | 0.003                 | 0.003                     | 0.002           | 0.006          | 0.006        | 0.005        |               |
| LTE Band 4  | Front         | 1RB           | 0.037             | 0.051                 | 0.037                     | 0.020           | 0.088          | 0.074        | 0.057        |               |
|             | Back          |               | 0.042             | 0.058                 | 0.047                     | 0.023           | 0.100          | 0.089        | 0.065        |               |
|             | Left          |               | 0.013             | 0.004                 | 0.007                     | 0.002           | 0.017          | 0.020        | 0.015        |               |
|             | Right         |               | 0.003             | 0.029                 | 0.015                     | 0.013           | 0.032          | 0.018        | 0.016        |               |
|             | Top           |               | 0.038             | 0.048                 | 0.083                     | 0.020           | 0.086          | 0.121        | 0.058        |               |
|             | Bottom        |               | 0.002             | 0.003                 | 0.003                     | 0.002           | 0.005          | 0.005        | 0.004        |               |
|             | Front         | 50%RB         | 0.036             | 0.051                 | 0.037                     | 0.020           | 0.087          | 0.073        | 0.056        |               |
|             | Back          |               | 0.044             | 0.058                 | 0.047                     | 0.023           | 0.102          | 0.091        | 0.067        |               |
|             | Left          |               | 0.011             | 0.004                 | 0.007                     | 0.002           | 0.015          | 0.018        | 0.013        |               |
|             | Right         |               | 0.003             | 0.029                 | 0.015                     | 0.013           | 0.032          | 0.018        | 0.016        |               |
|             | Top           |               | 0.038             | 0.048                 | 0.083                     | 0.020           | 0.086          | 0.121        | 0.058        |               |
|             | Bottom        |               | 0.002             | 0.003                 | 0.003                     | 0.002           | 0.005          | 0.005        | 0.004        |               |
| LTE Band 5  | Front         | 1RB           | 0.380             | 0.051                 | 0.037                     | 0.020           | 0.431          | 0.417        | 0.400        |               |
|             | Back          |               | 0.408             | 0.058                 | 0.047                     | 0.023           | 0.466          | 0.455        | 0.431        |               |
|             | Left          |               | 0.021             | 0.004                 | 0.007                     | 0.002           | 0.025          | 0.028        | 0.023        |               |
|             | Right         |               | 0.084             | 0.029                 | 0.015                     | 0.013           | 0.113          | 0.099        | 0.097        |               |
|             | Top           |               | 0.004             | 0.048                 | 0.083                     | 0.020           | 0.052          | 0.087        | 0.024        |               |
|             | Bottom        |               | 0.404             | 0.003                 | 0.003                     | 0.002           | 0.407          | 0.407        | 0.406        |               |
|             | Front         | 50%RB         | 0.374             | 0.051                 | 0.037                     | 0.020           | 0.425          | 0.411        | 0.394        |               |
|             | Back          |               | 0.403             | 0.058                 | 0.047                     | 0.023           | 0.461          | 0.450        | 0.426        |               |
|             | Left          |               | 0.021             | 0.004                 | 0.007                     | 0.002           | 0.025          | 0.028        | 0.023        |               |
|             | Right         |               | 0.079             | 0.029                 | 0.015                     | 0.013           | 0.108          | 0.094        | 0.092        |               |
|             | Top           |               | 0.003             | 0.048                 | 0.083                     | 0.020           | 0.051          | 0.086        | 0.023        |               |
|             | Bottom        |               | 0.402             | 0.003                 | 0.003                     | 0.002           | 0.405          | 0.405        | 0.404        |               |
| LTE Band 7  | Front         | 1RB           | 0.060             | 0.051                 | 0.037                     | 0.020           | 0.111          | 0.097        | 0.080        |               |
|             | Back          |               | 0.068             | 0.058                 | 0.047                     | 0.023           | 0.126          | 0.115        | 0.091        |               |
|             | Left          |               | 0.053             | 0.004                 | 0.007                     | 0.002           | 0.057          | 0.060        | 0.055        |               |
|             | Right         |               | 0.007             | 0.029                 | 0.015                     | 0.013           | 0.036          | 0.022        | 0.020        |               |
|             | Top           |               | 0.029             | 0.048                 | 0.083                     | 0.020           | 0.077          | 0.112        | 0.049        |               |
|             | Bottom        |               | 0.003             | 0.003                 | 0.003                     | 0.002           | 0.006          | 0.006        | 0.005        |               |
|             | Front         | 50%RB         | 0.058             | 0.051                 | 0.037                     | 0.020           | 0.109          | 0.095        | 0.078        |               |
|             | Back          |               | 0.065             | 0.058                 | 0.047                     | 0.023           | 0.123          | 0.112        | 0.088        |               |
|             | Left          |               | 0.052             | 0.004                 | 0.007                     | 0.002           | 0.056          | 0.059        | 0.054        |               |
|             | Right         |               | 0.008             | 0.029                 | 0.015                     | 0.013           | 0.037          | 0.023        | 0.021        |               |
|             | Top           |               | 0.030             | 0.048                 | 0.083                     | 0.020           | 0.078          | 0.113        | 0.050        |               |
|             | Bottom        |               | 0.003             | 0.003                 | 0.003                     | 0.002           | 0.006          | 0.006        | 0.005        |               |
| LTE Band 12 | Front         | 1RB           | 0.075             | 0.051                 | 0.037                     | 0.020           | 0.126          | 0.112        | 0.095        |               |
|             | Back          |               | 0.083             | 0.058                 | 0.047                     | 0.023           | 0.141          | 0.130        | 0.106        |               |
|             | Left          |               | 0.013             | 0.004                 | 0.007                     | 0.002           | 0.017          | 0.020        | 0.015        |               |
|             | Right         |               | 0.062             | 0.029                 | 0.015                     | 0.013           | 0.091          | 0.077        | 0.075        |               |
|             | Top           |               | 0.002             | 0.048                 | 0.083                     | 0.020           | 0.050          | 0.085        | 0.022        |               |
|             | Bottom        |               | 0.169             | 0.003                 | 0.003                     | 0.002           | 0.172          | 0.172        | 0.171        |               |
|             | Front         | 50%RB         | 0.073             | 0.051                 | 0.037                     | 0.020           | 0.124          | 0.110        | 0.093        |               |
|             | Back          |               | 0.080             | 0.058                 | 0.047                     | 0.023           | 0.138          | 0.127        | 0.103        |               |
|             | Left          |               | 0.012             | 0.004                 | 0.007                     | 0.002           | 0.016          | 0.019        | 0.014        |               |
|             | Right         |               | 0.063             | 0.029                 | 0.015                     | 0.013           | 0.092          | 0.078        | 0.076        |               |
|             | Top           |               | 0.002             | 0.048                 | 0.083                     | 0.020           | 0.050          | 0.085        | 0.022        |               |
|             | Bottom        |               | 0.168             | 0.003                 | 0.003                     | 0.002           | 0.171          | 0.171        | 0.170        |               |

| Band        | Test Position | RB allocation | Scaled SAR        |                       |                           |                 | WWAN+ WIFI2.4G Σ SAR (W/kg) | WWAN+ WIFI5G Σ SAR (W/kg) | WWAN+ BT Σ SAR (W/kg) | Llimit (W/kg) |
|-------------|---------------|---------------|-------------------|-----------------------|---------------------------|-----------------|-----------------------------|---------------------------|-----------------------|---------------|
|             |               |               | WWAN SAR 1g(W/kg) | WIFI2.4G SAR 1g(W/kg) | Wi-Fi 5G(Band 2) 1g(W/kg) | BT SAR 1g(W/kg) |                             |                           |                       |               |
| LTE Band 13 | Front         | 1RB           | 0.175             | 0.051                 | 0.037                     | 0.020           | 0.226                       | 0.212                     | 0.195                 | 1.6           |
|             | Back          |               | 0.185             | 0.058                 | 0.047                     | 0.023           | 0.243                       | 0.232                     | 0.208                 |               |
|             | Left          |               | 0.016             | 0.004                 | 0.007                     | 0.002           | 0.020                       | 0.023                     | 0.018                 |               |
|             | Right         |               | 0.077             | 0.029                 | 0.015                     | 0.013           | 0.106                       | 0.092                     | 0.090                 |               |
|             | Top           |               | 0.002             | 0.048                 | 0.083                     | 0.020           | 0.050                       | 0.085                     | 0.022                 |               |
|             | Bottom        |               | 0.205             | 0.003                 | 0.003                     | 0.002           | 0.208                       | 0.208                     | 0.207                 |               |
|             | Front         | 50%RB         | 0.173             | 0.051                 | 0.037                     | 0.020           | 0.224                       | 0.210                     | 0.193                 |               |
|             | Back          |               | 0.184             | 0.058                 | 0.047                     | 0.023           | 0.242                       | 0.231                     | 0.207                 |               |
|             | Left          |               | 0.016             | 0.004                 | 0.007                     | 0.002           | 0.020                       | 0.023                     | 0.018                 |               |
|             | Right         |               | 0.075             | 0.029                 | 0.015                     | 0.013           | 0.104                       | 0.090                     | 0.088                 |               |
|             | Top           |               | 0.001             | 0.048                 | 0.083                     | 0.020           | 0.049                       | 0.084                     | 0.021                 |               |
| LTE Band 17 | Bottom        |               | 0.203             | 0.003                 | 0.003                     | 0.002           | 0.206                       | 0.206                     | 0.205                 |               |
|             | Front         | 1RB           | 0.094             | 0.051                 | 0.037                     | 0.020           | 0.145                       | 0.131                     | 0.114                 |               |
|             | Back          |               | 0.103             | 0.058                 | 0.047                     | 0.023           | 0.161                       | 0.150                     | 0.126                 |               |
|             | Left          |               | 0.009             | 0.004                 | 0.007                     | 0.002           | 0.013                       | 0.016                     | 0.011                 |               |
|             | Right         |               | 0.059             | 0.029                 | 0.015                     | 0.013           | 0.088                       | 0.074                     | 0.072                 |               |
|             | Top           |               | 0.001             | 0.048                 | 0.083                     | 0.020           | 0.049                       | 0.084                     | 0.021                 |               |
|             | Bottom        |               | 0.170             | 0.003                 | 0.003                     | 0.002           | 0.173                       | 0.173                     | 0.172                 |               |
|             | Front         | 50%RB         | 0.092             | 0.051                 | 0.037                     | 0.020           | 0.143                       | 0.129                     | 0.112                 |               |
|             | Back          |               | 0.104             | 0.058                 | 0.047                     | 0.023           | 0.162                       | 0.151                     | 0.127                 |               |
|             | Left          |               | 0.010             | 0.004                 | 0.007                     | 0.002           | 0.014                       | 0.017                     | 0.012                 |               |
|             | Right         |               | 0.060             | 0.029                 | 0.015                     | 0.013           | 0.089                       | 0.075                     | 0.073                 |               |
|             | Top           |               | 0.001             | 0.048                 | 0.083                     | 0.020           | 0.049                       | 0.084                     | 0.021                 |               |
| LTE Band 38 | Bottom        |               | 0.168             | 0.003                 | 0.003                     | 0.002           | 0.171                       | 0.171                     | 0.170                 |               |
|             | Front         | 1RB           | 0.157             | 0.051                 | 0.037                     | 0.020           | 0.208                       | 0.194                     | 0.177                 |               |
|             | Back          |               | 0.176             | 0.058                 | 0.047                     | 0.023           | 0.234                       | 0.223                     | 0.199                 |               |
|             | Left          |               | 0.148             | 0.004                 | 0.007                     | 0.002           | 0.152                       | 0.155                     | 0.150                 |               |
|             | Right         |               | 0.012             | 0.029                 | 0.015                     | 0.013           | 0.041                       | 0.027                     | 0.025                 |               |
|             | Top           |               | 0.002             | 0.048                 | 0.083                     | 0.020           | 0.050                       | 0.085                     | 0.022                 |               |
|             | Bottom        |               | 0.194             | 0.003                 | 0.003                     | 0.002           | 0.197                       | 0.197                     | 0.196                 |               |
|             | Front         | 50%RB         | 0.153             | 0.051                 | 0.037                     | 0.020           | 0.204                       | 0.190                     | 0.173                 |               |
|             | Back          |               | 0.175             | 0.058                 | 0.047                     | 0.023           | 0.233                       | 0.222                     | 0.198                 |               |
|             | Left          |               | 0.149             | 0.004                 | 0.007                     | 0.002           | 0.153                       | 0.156                     | 0.151                 |               |
|             | Right         |               | 0.011             | 0.029                 | 0.015                     | 0.013           | 0.040                       | 0.026                     | 0.024                 |               |
|             | Top           |               | 0.002             | 0.048                 | 0.083                     | 0.020           | 0.050                       | 0.085                     | 0.022                 |               |
| LTE Band 41 | Bottom        |               | 0.191             | 0.003                 | 0.003                     | 0.002           | 0.194                       | 0.194                     | 0.193                 |               |
|             | Front         | 1RB           | 0.150             | 0.051                 | 0.037                     | 0.020           | 0.201                       | 0.187                     | 0.170                 |               |
|             | Back          |               | 0.179             | 0.058                 | 0.047                     | 0.023           | 0.237                       | 0.226                     | 0.202                 |               |
|             | Left          |               | 0.104             | 0.004                 | 0.007                     | 0.002           | 0.108                       | 0.111                     | 0.106                 |               |
|             | Right         |               | 0.012             | 0.029                 | 0.015                     | 0.013           | 0.041                       | 0.027                     | 0.025                 |               |
|             | Top           |               | 0.002             | 0.048                 | 0.083                     | 0.020           | 0.050                       | 0.085                     | 0.022                 |               |
|             | Bottom        |               | 0.212             | 0.003                 | 0.003                     | 0.002           | 0.215                       | 0.215                     | 0.214                 |               |
|             | Front         | 50%RB         | 0.151             | 0.051                 | 0.037                     | 0.020           | 0.202                       | 0.188                     | 0.171                 |               |
|             | Back          |               | 0.175             | 0.058                 | 0.047                     | 0.023           | 0.233                       | 0.222                     | 0.198                 |               |
|             | Left          |               | 0.103             | 0.004                 | 0.007                     | 0.002           | 0.107                       | 0.110                     | 0.105                 |               |
|             | Right         |               | 0.013             | 0.029                 | 0.015                     | 0.013           | 0.042                       | 0.028                     | 0.026                 |               |
|             | Top           |               | 0.003             | 0.048                 | 0.083                     | 0.020           | 0.051                       | 0.086                     | 0.023                 |               |
| LTE Band 42 | Bottom        |               | 0.216             | 0.003                 | 0.003                     | 0.002           | 0.219                       | 0.219                     | 0.218                 |               |
|             | Front         | 1RB           | 0.048             | 0.051                 | 0.037                     | 0.020           | 0.099                       | 0.085                     | 0.068                 |               |
|             | Back          |               | 0.060             | 0.058                 | 0.047                     | 0.023           | 0.118                       | 0.107                     | 0.083                 |               |
|             | Left          |               | 0.007             | 0.004                 | 0.007                     | 0.002           | 0.011                       | 0.014                     | 0.009                 |               |
|             | Right         |               | 0.099             | 0.029                 | 0.015                     | 0.013           | 0.128                       | 0.114                     | 0.112                 |               |
|             | Top           |               | 0.105             | 0.048                 | 0.083                     | 0.020           | 0.153                       | 0.188                     | 0.125                 |               |
|             | Bottom        |               | 0.005             | 0.003                 | 0.003                     | 0.002           | 0.008                       | 0.008                     | 0.007                 |               |
|             | Front         | 50%RB         | 0.049             | 0.051                 | 0.037                     | 0.020           | 0.100                       | 0.086                     | 0.069                 |               |
|             | Back          |               | 0.061             | 0.058                 | 0.047                     | 0.023           | 0.119                       | 0.108                     | 0.084                 |               |
|             | Left          |               | 0.009             | 0.004                 | 0.007                     | 0.002           | 0.013                       | 0.016                     | 0.011                 |               |
|             | Right         |               | 0.097             | 0.029                 | 0.015                     | 0.013           | 0.126                       | 0.112                     | 0.110                 |               |
|             | Top           |               | 0.003             | 0.048                 | 0.083                     | 0.020           | 0.051                       | 0.086                     | 0.023                 |               |
| LTE Band 42 | Bottom        |               | 0.002             | 0.003                 | 0.003                     | 0.002           | 0.005                       | 0.005                     | 0.004                 |               |

| Band                    | Test Position | RB allocation | Scaled SAR        |                       |                           |                 | WWAN+ WIFI2.4G | WWAN+ WIFI5G | WWAN+ BT     | Llimit (W/kg) |
|-------------------------|---------------|---------------|-------------------|-----------------------|---------------------------|-----------------|----------------|--------------|--------------|---------------|
|                         |               |               | WWAN SAR 1g(W/kg) | WIFI2.4G SAR 1g(W/kg) | Wi-Fi 5G(Band 2) 1g(W/kg) | BT SAR 1g(W/kg) | Σ SAR (W/kg)   | Σ SAR (W/kg) | Σ SAR (W/kg) |               |
| LTE Band 43 (3600-3700) | Front         | 1RB           | 0.043             | 0.051                 | 0.037                     | 0.020           | 0.094          | 0.080        | 0.063        | 1.6           |
|                         | Back          |               | 0.054             | 0.058                 | 0.047                     | 0.023           | 0.112          | 0.101        | 0.077        |               |
|                         | Left          |               | 0.045             | 0.004                 | 0.007                     | 0.002           | 0.049          | 0.052        | 0.047        |               |
|                         | Right         |               | 0.015             | 0.029                 | 0.015                     | 0.013           | 0.044          | 0.030        | 0.028        |               |
|                         | Top           |               | 0.079             | 0.048                 | 0.083                     | 0.020           | 0.127          | 0.162        | 0.099        |               |
|                         | Bottom        |               | 0.004             | 0.003                 | 0.003                     | 0.002           | 0.007          | 0.007        | 0.006        |               |
|                         | Front         | 50%RB         | 0.044             | 0.051                 | 0.037                     | 0.020           | 0.095          | 0.081        | 0.064        |               |
|                         | Back          |               | 0.051             | 0.058                 | 0.047                     | 0.023           | 0.109          | 0.098        | 0.074        |               |
|                         | Left          |               | 0.046             | 0.004                 | 0.007                     | 0.002           | 0.050          | 0.053        | 0.048        |               |
|                         | Right         |               | 0.013             | 0.029                 | 0.015                     | 0.013           | 0.042          | 0.028        | 0.026        |               |
|                         | Top           |               | 0.078             | 0.048                 | 0.083                     | 0.020           | 0.126          | 0.161        | 0.098        |               |
| LTE Band 43 (3700-3800) | Bottom        |               | 0.003             | 0.003                 | 0.003                     | 0.002           | 0.006          | 0.006        | 0.005        |               |
|                         | Front         | 1RB           | 0.038             | 0.051                 | 0.037                     | 0.020           | 0.089          | 0.075        | 0.058        |               |
|                         | Back          |               | 0.047             | 0.058                 | 0.047                     | 0.023           | 0.105          | 0.094        | 0.070        |               |
|                         | Left          |               | 0.041             | 0.004                 | 0.007                     | 0.002           | 0.045          | 0.048        | 0.043        |               |
|                         | Right         |               | 0.013             | 0.029                 | 0.015                     | 0.013           | 0.042          | 0.028        | 0.026        |               |
|                         | Top           |               | 0.070             | 0.048                 | 0.083                     | 0.020           | 0.118          | 0.153        | 0.090        |               |
|                         | Bottom        |               | 0.003             | 0.003                 | 0.003                     | 0.002           | 0.006          | 0.006        | 0.005        |               |
|                         | Front         | 50%RB         | 0.039             | 0.051                 | 0.037                     | 0.020           | 0.090          | 0.076        | 0.059        |               |
|                         | Back          |               | 0.049             | 0.058                 | 0.047                     | 0.023           | 0.107          | 0.096        | 0.072        |               |
|                         | Left          |               | 0.041             | 0.004                 | 0.007                     | 0.002           | 0.045          | 0.048        | 0.043        |               |
|                         | Right         |               | 0.012             | 0.029                 | 0.015                     | 0.013           | 0.041          | 0.027        | 0.025        |               |
|                         | Top           |               | 0.068             | 0.048                 | 0.083                     | 0.020           | 0.116          | 0.151        | 0.088        |               |
| LTE Band 48             | Bottom        |               | 0.003             | 0.003                 | 0.003                     | 0.002           | 0.006          | 0.006        | 0.005        |               |
|                         | Front         | 1RB           | 0.044             | 0.051                 | 0.037                     | 0.020           | 0.095          | 0.081        | 0.064        |               |
|                         | Back          |               | 0.053             | 0.058                 | 0.047                     | 0.023           | 0.111          | 0.100        | 0.076        |               |
|                         | Left          |               | 0.047             | 0.004                 | 0.007                     | 0.002           | 0.051          | 0.054        | 0.049        |               |
|                         | Right         |               | 0.016             | 0.029                 | 0.015                     | 0.013           | 0.045          | 0.031        | 0.029        |               |
|                         | Top           |               | 0.083             | 0.048                 | 0.083                     | 0.020           | 0.131          | 0.166        | 0.103        |               |
|                         | Bottom        |               | 0.004             | 0.003                 | 0.003                     | 0.002           | 0.007          | 0.007        | 0.006        |               |
|                         | Front         | 50%RB         | 0.043             | 0.051                 | 0.037                     | 0.020           | 0.094          | 0.080        | 0.063        |               |
|                         | Back          |               | 0.055             | 0.058                 | 0.047                     | 0.023           | 0.113          | 0.102        | 0.078        |               |
|                         | Left          |               | 0.016             | 0.004                 | 0.007                     | 0.002           | 0.020          | 0.023        | 0.018        |               |
|                         | Right         |               | 0.079             | 0.029                 | 0.015                     | 0.013           | 0.108          | 0.094        | 0.092        |               |
|                         | Top           |               | 0.004             | 0.048                 | 0.083                     | 0.020           | 0.052          | 0.087        | 0.024        |               |
| LTE Band 66             | Bottom        |               | 0.002             | 0.003                 | 0.003                     | 0.002           | 0.005          | 0.005        | 0.004        |               |
|                         | Front         | 1RB           | 0.043             | 0.051                 | 0.037                     | 0.020           | 0.094          | 0.080        | 0.063        |               |
|                         | Back          |               | 0.048             | 0.058                 | 0.047                     | 0.023           | 0.106          | 0.095        | 0.071        |               |
|                         | Left          |               | 0.023             | 0.004                 | 0.007                     | 0.002           | 0.027          | 0.030        | 0.025        |               |
|                         | Right         |               | 0.008             | 0.029                 | 0.015                     | 0.013           | 0.037          | 0.023        | 0.021        |               |
|                         | Top           |               | 0.051             | 0.048                 | 0.083                     | 0.020           | 0.099          | 0.134        | 0.071        |               |
|                         | Bottom        |               | 0.002             | 0.003                 | 0.003                     | 0.002           | 0.005          | 0.005        | 0.004        |               |
|                         | Front         | 50%RB         | 0.042             | 0.051                 | 0.037                     | 0.020           | 0.093          | 0.079        | 0.062        |               |
|                         | Back          |               | 0.049             | 0.058                 | 0.047                     | 0.023           | 0.107          | 0.096        | 0.072        |               |
|                         | Left          |               | 0.021             | 0.004                 | 0.007                     | 0.002           | 0.025          | 0.028        | 0.023        |               |
|                         | Right         |               | 0.009             | 0.029                 | 0.015                     | 0.013           | 0.038          | 0.024        | 0.022        |               |
|                         | Top           |               | 0.050             | 0.048                 | 0.083                     | 0.020           | 0.098          | 0.133        | 0.070        |               |
| N5                      | Bottom        |               | 0.003             | 0.003                 | 0.003                     | 0.002           | 0.006          | 0.006        | 0.005        |               |
|                         | Front         | 1RB           | 0.233             | 0.051                 | 0.037                     | 0.020           | 0.284          | 0.270        | 0.253        |               |
|                         | Back          |               | 0.274             | 0.058                 | 0.047                     | 0.023           | 0.332          | 0.321        | 0.297        |               |
|                         | Left          |               | 0.206             | 0.004                 | 0.007                     | 0.002           | 0.210          | 0.213        | 0.208        |               |
|                         | Right         |               | 0.284             | 0.029                 | 0.015                     | 0.013           | 0.313          | 0.299        | 0.297        |               |
|                         | Top           |               | 0.014             | 0.048                 | 0.083                     | 0.020           | 0.062          | 0.097        | 0.034        |               |
|                         | Bottom        |               | 0.610             | 0.003                 | 0.003                     | 0.002           | 0.613          | 0.613        | 0.612        |               |
|                         | Front         | 50%RB         | 0.223             | 0.051                 | 0.037                     | 0.020           | 0.274          | 0.260        | 0.243        |               |
|                         | Back          |               | 0.271             | 0.058                 | 0.047                     | 0.023           | 0.329          | 0.318        | 0.294        |               |
|                         | Left          |               | 0.201             | 0.004                 | 0.007                     | 0.002           | 0.205          | 0.208        | 0.203        |               |
|                         | Right         |               | 0.282             | 0.029                 | 0.015                     | 0.013           | 0.311          | 0.297        | 0.295        |               |
|                         | Top           |               | 0.017             | 0.048                 | 0.083                     | 0.020           | 0.065          | 0.100        | 0.037        |               |
|                         | Bottom        |               | 0.603             | 0.003                 | 0.003                     | 0.002           | 0.606          | 0.606        | 0.605        |               |

| Band | Test Position | RB allocation | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWAN+<br>BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|------|---------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|      |               |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| N7   | Front         | 1RB           | 0.160                   | 0.051                       | 0.037                           | 0.020                 | 0.211                                | 0.197                              | 0.180                          | 1.6              |
|      | Back          |               | 0.247                   | 0.058                       | 0.047                           | 0.023                 | 0.305                                | 0.294                              | 0.270                          |                  |
|      | Left          |               | 0.107                   | 0.004                       | 0.007                           | 0.002                 | 0.111                                | 0.114                              | 0.109                          |                  |
|      | Right         |               | 0.148                   | 0.029                       | 0.015                           | 0.013                 | 0.177                                | 0.163                              | 0.161                          |                  |
|      | Top           |               | 0.161                   | 0.048                       | 0.083                           | 0.020                 | 0.209                                | 0.244                              | 0.181                          |                  |
|      | Bottom        |               | 0.007                   | 0.003                       | 0.003                           | 0.002                 | 0.010                                | 0.010                              | 0.009                          |                  |
|      | Front         | 50%RB         | 0.158                   | 0.051                       | 0.037                           | 0.020                 | 0.209                                | 0.195                              | 0.178                          |                  |
|      | Back          |               | 0.243                   | 0.058                       | 0.047                           | 0.023                 | 0.301                                | 0.290                              | 0.266                          |                  |
|      | Left          |               | 0.103                   | 0.004                       | 0.007                           | 0.002                 | 0.107                                | 0.110                              | 0.105                          |                  |
|      | Right         |               | 0.150                   | 0.029                       | 0.015                           | 0.013                 | 0.179                                | 0.165                              | 0.163                          |                  |
|      | Top           |               | 0.158                   | 0.048                       | 0.083                           | 0.020                 | 0.206                                | 0.241                              | 0.178                          |                  |
| N12  | Bottom        |               | 0.007                   | 0.003                       | 0.003                           | 0.002                 | 0.010                                | 0.010                              | 0.009                          |                  |
|      | Front         | 1RB           | 0.189                   | 0.051                       | 0.037                           | 0.020                 | 0.240                                | 0.226                              | 0.209                          |                  |
|      | Back          |               | 0.227                   | 0.058                       | 0.047                           | 0.023                 | 0.285                                | 0.274                              | 0.250                          |                  |
|      | Left          |               | 0.155                   | 0.004                       | 0.007                           | 0.002                 | 0.159                                | 0.162                              | 0.157                          |                  |
|      | Right         |               | 0.203                   | 0.029                       | 0.015                           | 0.013                 | 0.232                                | 0.218                              | 0.216                          |                  |
|      | Top           |               | 0.007                   | 0.048                       | 0.083                           | 0.020                 | 0.055                                | 0.090                              | 0.027                          |                  |
|      | Bottom        |               | 0.282                   | 0.003                       | 0.003                           | 0.002                 | 0.285                                | 0.285                              | 0.284                          |                  |
|      | Front         | 50%RB         | 0.192                   | 0.051                       | 0.037                           | 0.020                 | 0.243                                | 0.229                              | 0.212                          |                  |
|      | Back          |               | 0.235                   | 0.058                       | 0.047                           | 0.023                 | 0.293                                | 0.282                              | 0.258                          |                  |
|      | Left          |               | 0.149                   | 0.004                       | 0.007                           | 0.002                 | 0.153                                | 0.156                              | 0.151                          |                  |
|      | Right         |               | 0.200                   | 0.029                       | 0.015                           | 0.013                 | 0.229                                | 0.215                              | 0.213                          |                  |
|      | Top           |               | 0.009                   | 0.048                       | 0.083                           | 0.020                 | 0.057                                | 0.092                              | 0.029                          |                  |
| N38  | Bottom        |               | 0.277                   | 0.003                       | 0.003                           | 0.002                 | 0.280                                | 0.280                              | 0.279                          |                  |
|      | Front         | 1RB           | 0.084                   | 0.051                       | 0.037                           | 0.020                 | 0.135                                | 0.121                              | 0.104                          |                  |
|      | Back          |               | 0.112                   | 0.058                       | 0.047                           | 0.023                 | 0.170                                | 0.159                              | 0.135                          |                  |
|      | Left          |               | 0.081                   | 0.004                       | 0.007                           | 0.002                 | 0.085                                | 0.088                              | 0.083                          |                  |
|      | Right         |               | 0.118                   | 0.029                       | 0.015                           | 0.013                 | 0.147                                | 0.133                              | 0.131                          |                  |
|      | Top           |               | 0.006                   | 0.048                       | 0.083                           | 0.020                 | 0.054                                | 0.089                              | 0.026                          |                  |
|      | Bottom        |               | 0.194                   | 0.003                       | 0.003                           | 0.002                 | 0.197                                | 0.197                              | 0.196                          |                  |
|      | Front         | 50%RB         | 0.087                   | 0.051                       | 0.037                           | 0.020                 | 0.138                                | 0.124                              | 0.107                          |                  |
|      | Back          |               | 0.121                   | 0.058                       | 0.047                           | 0.023                 | 0.179                                | 0.168                              | 0.144                          |                  |
|      | Left          |               | 0.075                   | 0.004                       | 0.007                           | 0.002                 | 0.079                                | 0.082                              | 0.077                          |                  |
|      | Right         |               | 0.114                   | 0.029                       | 0.015                           | 0.013                 | 0.143                                | 0.129                              | 0.127                          |                  |
|      | Top           |               | 0.009                   | 0.048                       | 0.083                           | 0.020                 | 0.057                                | 0.092                              | 0.029                          |                  |
| N41  | Bottom        |               | 0.183                   | 0.003                       | 0.003                           | 0.002                 | 0.186                                | 0.186                              | 0.185                          |                  |
|      | Front         | 1RB           | 0.095                   | 0.051                       | 0.037                           | 0.020                 | 0.146                                | 0.132                              | 0.115                          |                  |
|      | Back          |               | 0.118                   | 0.058                       | 0.047                           | 0.023                 | 0.176                                | 0.165                              | 0.141                          |                  |
|      | Left          |               | 0.091                   | 0.004                       | 0.007                           | 0.002                 | 0.095                                | 0.098                              | 0.093                          |                  |
|      | Right         |               | 0.109                   | 0.029                       | 0.015                           | 0.013                 | 0.138                                | 0.124                              | 0.122                          |                  |
|      | Top           |               | 0.006                   | 0.048                       | 0.083                           | 0.020                 | 0.054                                | 0.089                              | 0.026                          |                  |
|      | Bottom        |               | 0.197                   | 0.003                       | 0.003                           | 0.002                 | 0.200                                | 0.200                              | 0.199                          |                  |
|      | Front         | 50%RB         | 0.091                   | 0.051                       | 0.037                           | 0.020                 | 0.142                                | 0.128                              | 0.111                          |                  |
|      | Back          |               | 0.130                   | 0.058                       | 0.047                           | 0.023                 | 0.188                                | 0.177                              | 0.153                          |                  |
|      | Left          |               | 0.087                   | 0.004                       | 0.007                           | 0.002                 | 0.091                                | 0.094                              | 0.089                          |                  |
|      | Right         |               | 0.112                   | 0.029                       | 0.015                           | 0.013                 | 0.141                                | 0.127                              | 0.125                          |                  |
|      | Top           |               | 0.005                   | 0.048                       | 0.083                           | 0.020                 | 0.053                                | 0.088                              | 0.025                          |                  |
| N48  | Bottom        |               | 0.191                   | 0.003                       | 0.003                           | 0.002                 | 0.194                                | 0.194                              | 0.193                          |                  |
|      | Front         | 1RB           | 0.065                   | 0.051                       | 0.037                           | 0.020                 | 0.116                                | 0.102                              | 0.085                          |                  |
|      | Back          |               | 0.075                   | 0.058                       | 0.047                           | 0.023                 | 0.133                                | 0.122                              | 0.098                          |                  |
|      | Left          |               | 0.053                   | 0.004                       | 0.007                           | 0.002                 | 0.057                                | 0.060                              | 0.055                          |                  |
|      | Right         |               | 0.092                   | 0.029                       | 0.015                           | 0.013                 | 0.121                                | 0.107                              | 0.105                          |                  |
|      | Top           |               | 0.130                   | 0.048                       | 0.083                           | 0.020                 | 0.178                                | 0.213                              | 0.150                          |                  |
|      | Bottom        |               | 0.006                   | 0.003                       | 0.003                           | 0.002                 | 0.009                                | 0.009                              | 0.008                          |                  |
|      | Front         | 50%RB         | 0.062                   | 0.051                       | 0.037                           | 0.020                 | 0.113                                | 0.099                              | 0.082                          |                  |
|      | Back          |               | 0.074                   | 0.058                       | 0.047                           | 0.023                 | 0.132                                | 0.121                              | 0.097                          |                  |
|      | Left          |               | 0.051                   | 0.004                       | 0.007                           | 0.002                 | 0.055                                | 0.058                              | 0.053                          |                  |
|      | Right         |               | 0.096                   | 0.029                       | 0.015                           | 0.013                 | 0.125                                | 0.111                              | 0.109                          |                  |
|      | Top           |               | 0.133                   | 0.048                       | 0.083                           | 0.020                 | 0.181                                | 0.216                              | 0.153                          |                  |
|      | Bottom        |               | 0.007                   | 0.003                       | 0.003                           | 0.002                 | 0.010                                | 0.010                              | 0.009                          |                  |

| Band               | Test Position | RB allocation | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWAN+<br>BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|--------------------|---------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|                    |               |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| N66                | Front         | 1RB           | 0.028                   | 0.051                       | 0.037                           | 0.020                 | 0.079                                | 0.065                              | 0.048                          | 1.6              |
|                    | Back          |               | 0.040                   | 0.058                       | 0.047                           | 0.023                 | 0.098                                | 0.087                              | 0.063                          |                  |
|                    | Left          |               | 0.043                   | 0.004                       | 0.007                           | 0.002                 | 0.047                                | 0.050                              | 0.045                          |                  |
|                    | Right         |               | 0.025                   | 0.029                       | 0.015                           | 0.013                 | 0.054                                | 0.040                              | 0.038                          |                  |
|                    | Top           |               | 0.056                   | 0.048                       | 0.083                           | 0.020                 | 0.104                                | 0.139                              | 0.076                          |                  |
|                    | Bottom        |               | 0.004                   | 0.003                       | 0.003                           | 0.002                 | 0.007                                | 0.007                              | 0.006                          |                  |
|                    | Front         | 50%RB         | 0.031                   | 0.051                       | 0.037                           | 0.020                 | 0.082                                | 0.068                              | 0.051                          |                  |
|                    | Back          |               | 0.042                   | 0.058                       | 0.047                           | 0.023                 | 0.100                                | 0.089                              | 0.065                          |                  |
|                    | Left          |               | 0.042                   | 0.004                       | 0.007                           | 0.002                 | 0.046                                | 0.049                              | 0.044                          |                  |
|                    | Right         |               | 0.023                   | 0.029                       | 0.015                           | 0.013                 | 0.052                                | 0.038                              | 0.036                          |                  |
|                    | Top           |               | 0.054                   | 0.048                       | 0.083                           | 0.020                 | 0.102                                | 0.137                              | 0.074                          |                  |
| N77<br>(3450-3550) | Bottom        |               | 0.003                   | 0.003                       | 0.003                           | 0.002                 | 0.006                                | 0.006                              | 0.005                          |                  |
|                    | Front         | 1RB           | 0.049                   | 0.051                       | 0.037                           | 0.020                 | 0.100                                | 0.086                              | 0.069                          |                  |
|                    | Back          |               | 0.059                   | 0.058                       | 0.047                           | 0.023                 | 0.117                                | 0.106                              | 0.082                          |                  |
|                    | Left          |               | 0.018                   | 0.004                       | 0.007                           | 0.002                 | 0.022                                | 0.025                              | 0.020                          |                  |
|                    | Right         |               | 0.048                   | 0.029                       | 0.015                           | 0.013                 | 0.077                                | 0.063                              | 0.061                          |                  |
|                    | Top           |               | 0.104                   | 0.048                       | 0.083                           | 0.020                 | 0.152                                | 0.187                              | 0.124                          |                  |
|                    | Bottom        |               | 0.003                   | 0.003                       | 0.003                           | 0.002                 | 0.006                                | 0.006                              | 0.005                          |                  |
|                    | Front         | 50%RB         | 0.050                   | 0.051                       | 0.037                           | 0.020                 | 0.101                                | 0.087                              | 0.070                          |                  |
|                    | Back          |               | 0.057                   | 0.058                       | 0.047                           | 0.023                 | 0.115                                | 0.104                              | 0.080                          |                  |
|                    | Left          |               | 0.017                   | 0.004                       | 0.007                           | 0.002                 | 0.021                                | 0.024                              | 0.019                          |                  |
|                    | Right         |               | 0.045                   | 0.029                       | 0.015                           | 0.013                 | 0.074                                | 0.060                              | 0.058                          |                  |
|                    | Top           |               | 0.102                   | 0.048                       | 0.083                           | 0.020                 | 0.150                                | 0.185                              | 0.122                          |                  |
| N77<br>(3550-3700) | Bottom        |               | 0.004                   | 0.003                       | 0.003                           | 0.002                 | 0.007                                | 0.007                              | 0.006                          |                  |
|                    | Front         | 1RB           | 0.058                   | 0.051                       | 0.037                           | 0.020                 | 0.109                                | 0.095                              | 0.078                          |                  |
|                    | Back          |               | 0.067                   | 0.058                       | 0.047                           | 0.023                 | 0.125                                | 0.114                              | 0.090                          |                  |
|                    | Left          |               | 0.018                   | 0.004                       | 0.007                           | 0.002                 | 0.022                                | 0.025                              | 0.020                          |                  |
|                    | Right         |               | 0.053                   | 0.029                       | 0.015                           | 0.013                 | 0.082                                | 0.068                              | 0.066                          |                  |
|                    | Top           |               | 0.114                   | 0.048                       | 0.083                           | 0.020                 | 0.162                                | 0.197                              | 0.134                          |                  |
|                    | Bottom        |               | 0.003                   | 0.003                       | 0.003                           | 0.002                 | 0.006                                | 0.006                              | 0.005                          |                  |
|                    | Front         | 50%RB         | 0.060                   | 0.051                       | 0.037                           | 0.020                 | 0.111                                | 0.097                              | 0.080                          |                  |
|                    | Back          |               | 0.066                   | 0.058                       | 0.047                           | 0.023                 | 0.124                                | 0.113                              | 0.089                          |                  |
|                    | Left          |               | 0.015                   | 0.004                       | 0.007                           | 0.002                 | 0.019                                | 0.022                              | 0.017                          |                  |
|                    | Right         |               | 0.049                   | 0.029                       | 0.015                           | 0.013                 | 0.078                                | 0.064                              | 0.062                          |                  |
|                    | Top           |               | 0.110                   | 0.048                       | 0.083                           | 0.020                 | 0.158                                | 0.193                              | 0.130                          |                  |
| N77<br>(3700-3980) | Bottom        |               | 0.002                   | 0.003                       | 0.003                           | 0.002                 | 0.005                                | 0.005                              | 0.004                          |                  |
|                    | Front         | 1RB           | 0.052                   | 0.051                       | 0.037                           | 0.020                 | 0.103                                | 0.089                              | 0.072                          |                  |
|                    | Back          |               | 0.065                   | 0.058                       | 0.047                           | 0.023                 | 0.123                                | 0.112                              | 0.088                          |                  |
|                    | Left          |               | 0.022                   | 0.004                       | 0.007                           | 0.002                 | 0.026                                | 0.029                              | 0.024                          |                  |
|                    | Right         |               | 0.056                   | 0.029                       | 0.015                           | 0.013                 | 0.085                                | 0.071                              | 0.069                          |                  |
|                    | Top           |               | 0.079                   | 0.048                       | 0.083                           | 0.020                 | 0.127                                | 0.162                              | 0.099                          |                  |
|                    | Bottom        |               | 0.010                   | 0.003                       | 0.003                           | 0.002                 | 0.013                                | 0.013                              | 0.012                          |                  |
|                    | Front         | 50%RB         | 0.048                   | 0.051                       | 0.037                           | 0.020                 | 0.099                                | 0.085                              | 0.068                          |                  |
|                    | Back          |               | 0.062                   | 0.058                       | 0.047                           | 0.023                 | 0.120                                | 0.109                              | 0.085                          |                  |
|                    | Left          |               | 0.021                   | 0.004                       | 0.007                           | 0.002                 | 0.025                                | 0.028                              | 0.023                          |                  |
| N78<br>(3450-3550) | Right         |               | 0.057                   | 0.029                       | 0.015                           | 0.013                 | 0.086                                | 0.072                              | 0.070                          |                  |
|                    | Top           |               | 0.078                   | 0.048                       | 0.083                           | 0.020                 | 0.126                                | 0.161                              | 0.098                          |                  |
|                    | Bottom        |               | 0.008                   | 0.003                       | 0.003                           | 0.002                 | 0.011                                | 0.011                              | 0.010                          |                  |
|                    | Front         | 1RB           | 0.053                   | 0.051                       | 0.037                           | 0.020                 | 0.104                                | 0.090                              | 0.073                          |                  |
|                    | Back          |               | 0.066                   | 0.058                       | 0.047                           | 0.023                 | 0.124                                | 0.113                              | 0.089                          |                  |
|                    | Left          |               | 0.028                   | 0.004                       | 0.007                           | 0.002                 | 0.032                                | 0.035                              | 0.030                          |                  |
|                    | Right         |               | 0.073                   | 0.029                       | 0.015                           | 0.013                 | 0.102                                | 0.088                              | 0.086                          |                  |
|                    | Top           |               | 0.105                   | 0.048                       | 0.083                           | 0.020                 | 0.153                                | 0.188                              | 0.125                          |                  |
|                    | Bottom        |               | 0.013                   | 0.003                       | 0.003                           | 0.002                 | 0.016                                | 0.016                              | 0.015                          |                  |
|                    | Front         | 50%RB         | 0.056                   | 0.051                       | 0.037                           | 0.020                 | 0.107                                | 0.093                              | 0.076                          |                  |
|                    | Back          |               | 0.069                   | 0.058                       | 0.047                           | 0.023                 | 0.127                                | 0.116                              | 0.092                          |                  |
|                    | Left          |               | 0.031                   | 0.004                       | 0.007                           | 0.002                 | 0.035                                | 0.038                              | 0.033                          |                  |
|                    | Right         |               | 0.076                   | 0.029                       | 0.015                           | 0.013                 | 0.105                                | 0.091                              | 0.089                          |                  |
|                    | Top           |               | 0.102                   | 0.048                       | 0.083                           | 0.020                 | 0.150                                | 0.185                              | 0.122                          |                  |
|                    | Bottom        |               | 0.014                   | 0.003                       | 0.003                           | 0.002                 | 0.017                                | 0.017                              | 0.016                          |                  |

| Band            | Test Position | RB allocation | Scaled SAR        |                       |                           |                 | WWAN+ WiFi2.4G Σ SAR (W/kg) | WWAN+ WiFi5G Σ SAR (W/kg) | WWAN+ BT Σ SAR (W/kg) | Llimit (W/kg) |
|-----------------|---------------|---------------|-------------------|-----------------------|---------------------------|-----------------|-----------------------------|---------------------------|-----------------------|---------------|
|                 |               |               | WWAN SAR 1g(W/kg) | WiFi2.4G SAR 1g(W/kg) | Wi-Fi 5G(Band 2) 1g(W/kg) | BT SAR 1g(W/kg) |                             |                           |                       |               |
| N78 (3550-3700) | Front         | 1RB           | 0.051             | 0.051                 | 0.037                     | 0.020           | 0.102                       | 0.088                     | 0.071                 | 1.6           |
|                 | Back          |               | 0.061             | 0.058                 | 0.047                     | 0.023           | 0.119                       | 0.108                     | 0.084                 |               |
|                 | Left          |               | 0.022             | 0.004                 | 0.007                     | 0.002           | 0.026                       | 0.029                     | 0.024                 |               |
|                 | Right         |               | 0.066             | 0.029                 | 0.015                     | 0.013           | 0.095                       | 0.081                     | 0.079                 |               |
|                 | Top           |               | 0.107             | 0.048                 | 0.083                     | 0.020           | 0.155                       | 0.190                     | 0.127                 |               |
|                 | Bottom        |               | 0.012             | 0.003                 | 0.003                     | 0.002           | 0.015                       | 0.015                     | 0.014                 |               |
|                 | Front         | 50%RB         | 0.047             | 0.051                 | 0.037                     | 0.020           | 0.098                       | 0.084                     | 0.067                 |               |
|                 | Back          |               | 0.063             | 0.058                 | 0.047                     | 0.023           | 0.121                       | 0.110                     | 0.086                 |               |
|                 | Left          |               | 0.021             | 0.004                 | 0.007                     | 0.002           | 0.025                       | 0.028                     | 0.023                 |               |
|                 | Right         |               | 0.068             | 0.029                 | 0.015                     | 0.013           | 0.097                       | 0.083                     | 0.081                 |               |
|                 | Top           |               | 0.102             | 0.048                 | 0.083                     | 0.020           | 0.150                       | 0.185                     | 0.122                 |               |
| N78 (3700-3800) | Bottom        |               | 0.010             | 0.003                 | 0.003                     | 0.002           | 0.013                       | 0.013                     | 0.012                 |               |
|                 | Front         | 1RB           | 0.058             | 0.051                 | 0.037                     | 0.020           | 0.109                       | 0.095                     | 0.078                 |               |
|                 | Back          |               | 0.075             | 0.058                 | 0.047                     | 0.023           | 0.133                       | 0.122                     | 0.098                 |               |
|                 | Left          |               | 0.024             | 0.004                 | 0.007                     | 0.002           | 0.028                       | 0.031                     | 0.026                 |               |
|                 | Right         |               | 0.071             | 0.029                 | 0.015                     | 0.013           | 0.100                       | 0.086                     | 0.084                 |               |
|                 | Top           |               | 0.112             | 0.048                 | 0.083                     | 0.020           | 0.160                       | 0.195                     | 0.132                 |               |
|                 | Bottom        |               | 0.016             | 0.003                 | 0.003                     | 0.002           | 0.019                       | 0.019                     | 0.018                 |               |
|                 | Front         | 50%RB         | 0.055             | 0.051                 | 0.037                     | 0.020           | 0.106                       | 0.092                     | 0.075                 |               |
|                 | Back          |               | 0.078             | 0.058                 | 0.047                     | 0.023           | 0.136                       | 0.125                     | 0.101                 |               |
|                 | Left          |               | 0.022             | 0.004                 | 0.007                     | 0.002           | 0.026                       | 0.029                     | 0.024                 |               |
|                 | Right         |               | 0.074             | 0.029                 | 0.015                     | 0.013           | 0.103                       | 0.089                     | 0.087                 |               |
|                 | Top           |               | 0.106             | 0.048                 | 0.083                     | 0.020           | 0.154                       | 0.189                     | 0.126                 |               |
| 2-n7            | Bottom        |               | 0.013             | 0.003                 | 0.003                     | 0.002           | 0.016                       | 0.016                     | 0.015                 |               |
|                 | Front         | 1RB           | 0.057             | 0.051                 | 0.037                     | 0.020           | 0.108                       | 0.094                     | 0.077                 |               |
|                 | Back          |               | 0.069             | 0.058                 | 0.047                     | 0.023           | 0.127                       | 0.116                     | 0.092                 |               |
|                 | Left          |               | 0.044             | 0.004                 | 0.007                     | 0.002           | 0.048                       | 0.051                     | 0.046                 |               |
|                 | Right         |               | 0.012             | 0.029                 | 0.015                     | 0.013           | 0.041                       | 0.027                     | 0.025                 |               |
|                 | Top           |               | 0.081             | 0.048                 | 0.083                     | 0.020           | 0.129                       | 0.164                     | 0.101                 |               |
|                 | Bottom        |               | 0.040             | 0.003                 | 0.003                     | 0.002           | 0.043                       | 0.043                     | 0.042                 |               |
|                 | Front         | 50%RB         | 0.055             | 0.051                 | 0.037                     | 0.020           | 0.106                       | 0.092                     | 0.075                 |               |
|                 | Back          |               | 0.070             | 0.058                 | 0.047                     | 0.023           | 0.128                       | 0.117                     | 0.093                 |               |
|                 | Left          |               | 0.041             | 0.004                 | 0.007                     | 0.002           | 0.045                       | 0.048                     | 0.043                 |               |
|                 | Right         |               | 0.010             | 0.029                 | 0.015                     | 0.013           | 0.039                       | 0.025                     | 0.023                 |               |
|                 | Top           |               | 0.079             | 0.048                 | 0.083                     | 0.020           | 0.127                       | 0.162                     | 0.099                 |               |
| 2-n66           | Bottom        |               | 0.037             | 0.003                 | 0.003                     | 0.002           | 0.040                       | 0.040                     | 0.039                 |               |
|                 | Front         | 1RB           | 0.035             | 0.051                 | 0.037                     | 0.020           | 0.086                       | 0.072                     | 0.055                 |               |
|                 | Back          |               | 0.041             | 0.058                 | 0.047                     | 0.023           | 0.099                       | 0.088                     | 0.064                 |               |
|                 | Left          |               | 0.296             | 0.004                 | 0.007                     | 0.002           | 0.300                       | 0.303                     | 0.298                 |               |
|                 | Right         |               | 0.015             | 0.029                 | 0.015                     | 0.013           | 0.044                       | 0.030                     | 0.028                 |               |
|                 | Top           |               | 0.056             | 0.048                 | 0.083                     | 0.020           | 0.104                       | 0.139                     | 0.076                 |               |
|                 | Bottom        |               | 0.018             | 0.003                 | 0.003                     | 0.002           | 0.021                       | 0.021                     | 0.020                 |               |
|                 | Front         | 50%RB         | 0.033             | 0.051                 | 0.037                     | 0.020           | 0.084                       | 0.070                     | 0.053                 |               |
|                 | Back          |               | 0.039             | 0.058                 | 0.047                     | 0.023           | 0.097                       | 0.086                     | 0.062                 |               |
|                 | Left          |               | 0.027             | 0.004                 | 0.007                     | 0.002           | 0.031                       | 0.034                     | 0.029                 |               |
|                 | Right         |               | 0.016             | 0.029                 | 0.015                     | 0.013           | 0.045                       | 0.031                     | 0.029                 |               |
|                 | Top           |               | 0.055             | 0.048                 | 0.083                     | 0.020           | 0.103                       | 0.138                     | 0.075                 |               |
| 2-n78           | Bottom        |               | 0.016             | 0.003                 | 0.003                     | 0.002           | 0.019                       | 0.019                     | 0.018                 |               |
|                 | Front         | 1RB           | 0.135             | 0.051                 | 0.037                     | 0.020           | 0.186                       | 0.172                     | 0.155                 |               |
|                 | Back          |               | 0.162             | 0.058                 | 0.047                     | 0.023           | 0.220                       | 0.209                     | 0.185                 |               |
|                 | Left          |               | 0.180             | 0.004                 | 0.007                     | 0.002           | 0.184                       | 0.187                     | 0.182                 |               |
|                 | Right         |               | 0.110             | 0.029                 | 0.015                     | 0.013           | 0.139                       | 0.125                     | 0.123                 |               |
|                 | Top           |               | 0.042             | 0.048                 | 0.083                     | 0.020           | 0.090                       | 0.125                     | 0.062                 |               |
|                 | Bottom        |               | 0.252             | 0.003                 | 0.003                     | 0.002           | 0.255                       | 0.255                     | 0.254                 |               |
|                 | Front         | 50%RB         | 0.129             | 0.051                 | 0.037                     | 0.020           | 0.180                       | 0.166                     | 0.149                 |               |
|                 | Back          |               | 0.176             | 0.058                 | 0.047                     | 0.023           | 0.234                       | 0.223                     | 0.199                 |               |
|                 | Left          |               | 0.173             | 0.004                 | 0.007                     | 0.002           | 0.177                       | 0.180                     | 0.175                 |               |
|                 | Right         |               | 0.113             | 0.029                 | 0.015                     | 0.013           | 0.142                       | 0.128                     | 0.126                 |               |
|                 | Top           |               | 0.037             | 0.048                 | 0.083                     | 0.020           | 0.085                       | 0.120                     | 0.057                 |               |
|                 | Bottom        |               | 0.238             | 0.003                 | 0.003                     | 0.002           | 0.241                       | 0.241                     | 0.240                 |               |

| Band  | Test Position | RB allocation | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWAN+<br>BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|-------|---------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|       |               |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| 4-n7  | Front         | 1RB           | 0.205                   | 0.051                       | 0.037                           | 0.020                 | 0.256                                | 0.242                              | 0.225                          | 1.6              |
|       | Back          |               | 0.260                   | 0.058                       | 0.047                           | 0.023                 | 0.318                                | 0.307                              | 0.283                          |                  |
|       | Left          |               | 0.193                   | 0.004                       | 0.007                           | 0.002                 | 0.197                                | 0.200                              | 0.195                          |                  |
|       | Right         |               | 0.034                   | 0.029                       | 0.015                           | 0.013                 | 0.063                                | 0.049                              | 0.047                          |                  |
|       | Top           |               | 0.120                   | 0.048                       | 0.083                           | 0.020                 | 0.168                                | 0.203                              | 0.140                          |                  |
|       | Bottom        |               | 0.423                   | 0.003                       | 0.003                           | 0.002                 | 0.426                                | 0.426                              | 0.425                          |                  |
|       | Front         | 50%RB         | 0.202                   | 0.051                       | 0.037                           | 0.020                 | 0.253                                | 0.239                              | 0.222                          |                  |
|       | Back          |               | 0.256                   | 0.058                       | 0.047                           | 0.023                 | 0.314                                | 0.303                              | 0.279                          |                  |
|       | Left          |               | 0.185                   | 0.004                       | 0.007                           | 0.002                 | 0.189                                | 0.192                              | 0.187                          |                  |
|       | Right         |               | 0.033                   | 0.029                       | 0.015                           | 0.013                 | 0.062                                | 0.048                              | 0.046                          |                  |
|       | Top           |               | 0.117                   | 0.048                       | 0.083                           | 0.020                 | 0.165                                | 0.200                              | 0.137                          |                  |
|       | Bottom        |               | 0.417                   | 0.003                       | 0.003                           | 0.002                 | 0.420                                | 0.420                              | 0.419                          |                  |
| 4-n41 | Front         | 1RB           | 0.170                   | 0.051                       | 0.037                           | 0.020                 | 0.221                                | 0.207                              | 0.190                          |                  |
|       | Back          |               | 0.212                   | 0.058                       | 0.047                           | 0.023                 | 0.270                                | 0.259                              | 0.235                          |                  |
|       | Left          |               | 0.109                   | 0.004                       | 0.007                           | 0.002                 | 0.113                                | 0.116                              | 0.111                          |                  |
|       | Right         |               | 0.028                   | 0.029                       | 0.015                           | 0.013                 | 0.057                                | 0.043                              | 0.041                          |                  |
|       | Top           |               | 0.004                   | 0.048                       | 0.083                           | 0.020                 | 0.052                                | 0.087                              | 0.024                          |                  |
|       | Bottom        |               | 0.486                   | 0.003                       | 0.003                           | 0.002                 | 0.489                                | 0.489                              | 0.488                          |                  |
|       | Front         | 50%RB         | 0.168                   | 0.051                       | 0.037                           | 0.020                 | 0.219                                | 0.205                              | 0.188                          |                  |
|       | Back          |               | 0.209                   | 0.058                       | 0.047                           | 0.023                 | 0.267                                | 0.256                              | 0.232                          |                  |
|       | Left          |               | 0.112                   | 0.004                       | 0.007                           | 0.002                 | 0.116                                | 0.119                              | 0.114                          |                  |
|       | Right         |               | 0.026                   | 0.029                       | 0.015                           | 0.013                 | 0.055                                | 0.041                              | 0.039                          |                  |
|       | Top           |               | 0.003                   | 0.048                       | 0.083                           | 0.020                 | 0.051                                | 0.086                              | 0.023                          |                  |
|       | Bottom        |               | 0.480                   | 0.003                       | 0.003                           | 0.002                 | 0.483                                | 0.483                              | 0.482                          |                  |
| 4-n78 | Front         | 1RB           | 0.210                   | 0.051                       | 0.037                           | 0.020                 | 0.261                                | 0.247                              | 0.230                          |                  |
|       | Back          |               | 0.258                   | 0.058                       | 0.047                           | 0.023                 | 0.316                                | 0.305                              | 0.281                          |                  |
|       | Left          |               | 0.222                   | 0.004                       | 0.007                           | 0.002                 | 0.226                                | 0.229                              | 0.224                          |                  |
|       | Right         |               | 0.143                   | 0.029                       | 0.015                           | 0.013                 | 0.172                                | 0.158                              | 0.156                          |                  |
|       | Top           |               | 0.038                   | 0.048                       | 0.083                           | 0.020                 | 0.086                                | 0.121                              | 0.058                          |                  |
|       | Bottom        |               | 0.621                   | 0.003                       | 0.003                           | 0.002                 | 0.624                                | 0.624                              | 0.623                          |                  |
|       | Front         | 50%RB         | 0.206                   | 0.051                       | 0.037                           | 0.020                 | 0.257                                | 0.243                              | 0.226                          |                  |
|       | Back          |               | 0.252                   | 0.058                       | 0.047                           | 0.023                 | 0.310                                | 0.299                              | 0.275                          |                  |
|       | Left          |               | 0.215                   | 0.004                       | 0.007                           | 0.002                 | 0.219                                | 0.222                              | 0.217                          |                  |
|       | Right         |               | 0.148                   | 0.029                       | 0.015                           | 0.013                 | 0.177                                | 0.163                              | 0.161                          |                  |
|       | Top           |               | 0.041                   | 0.048                       | 0.083                           | 0.020                 | 0.089                                | 0.124                              | 0.061                          |                  |
|       | Bottom        |               | 0.619                   | 0.003                       | 0.003                           | 0.002                 | 0.622                                | 0.622                              | 0.621                          |                  |
| 5-n7  | Front         | 1RB           | 0.223                   | 0.051                       | 0.037                           | 0.020                 | 0.274                                | 0.260                              | 0.243                          |                  |
|       | Back          |               | 0.255                   | 0.058                       | 0.047                           | 0.023                 | 0.313                                | 0.302                              | 0.278                          |                  |
|       | Left          |               | 0.025                   | 0.004                       | 0.007                           | 0.002                 | 0.029                                | 0.032                              | 0.027                          |                  |
|       | Right         |               | 0.097                   | 0.029                       | 0.015                           | 0.013                 | 0.126                                | 0.112                              | 0.110                          |                  |
|       | Top           |               | 0.018                   | 0.048                       | 0.083                           | 0.020                 | 0.066                                | 0.101                              | 0.038                          |                  |
|       | Bottom        |               | 0.203                   | 0.003                       | 0.003                           | 0.002                 | 0.206                                | 0.206                              | 0.205                          |                  |
|       | Front         | 50%RB         | 0.221                   | 0.051                       | 0.037                           | 0.020                 | 0.272                                | 0.258                              | 0.241                          |                  |
|       | Back          |               | 0.250                   | 0.058                       | 0.047                           | 0.023                 | 0.308                                | 0.297                              | 0.273                          |                  |
|       | Left          |               | 0.024                   | 0.004                       | 0.007                           | 0.002                 | 0.028                                | 0.031                              | 0.026                          |                  |
|       | Right         |               | 0.094                   | 0.029                       | 0.015                           | 0.013                 | 0.123                                | 0.109                              | 0.107                          |                  |
|       | Top           |               | 0.019                   | 0.048                       | 0.083                           | 0.020                 | 0.067                                | 0.102                              | 0.039                          |                  |
|       | Bottom        |               | 0.200                   | 0.003                       | 0.003                           | 0.002                 | 0.203                                | 0.203                              | 0.202                          |                  |
| 5-n38 | Front         | 1RB           | 0.195                   | 0.051                       | 0.037                           | 0.020                 | 0.246                                | 0.232                              | 0.215                          |                  |
|       | Back          |               | 0.229                   | 0.058                       | 0.047                           | 0.023                 | 0.287                                | 0.276                              | 0.252                          |                  |
|       | Left          |               | 0.020                   | 0.004                       | 0.007                           | 0.002                 | 0.024                                | 0.027                              | 0.022                          |                  |
|       | Right         |               | 0.098                   | 0.029                       | 0.015                           | 0.013                 | 0.127                                | 0.113                              | 0.111                          |                  |
|       | Top           |               | 0.002                   | 0.048                       | 0.083                           | 0.020                 | 0.050                                | 0.085                              | 0.022                          |                  |
|       | Bottom        |               | 0.228                   | 0.003                       | 0.003                           | 0.002                 | 0.231                                | 0.231                              | 0.230                          |                  |
|       | Front         | 50%RB         | 0.190                   | 0.051                       | 0.037                           | 0.020                 | 0.241                                | 0.227                              | 0.210                          |                  |
|       | Back          |               | 0.227                   | 0.058                       | 0.047                           | 0.023                 | 0.285                                | 0.274                              | 0.250                          |                  |
|       | Left          |               | 0.021                   | 0.004                       | 0.007                           | 0.002                 | 0.025                                | 0.028                              | 0.023                          |                  |
|       | Right         |               | 0.096                   | 0.029                       | 0.015                           | 0.013                 | 0.125                                | 0.111                              | 0.109                          |                  |
|       | Top           |               | 0.002                   | 0.048                       | 0.083                           | 0.020                 | 0.050                                | 0.085                              | 0.022                          |                  |
|       | Bottom        |               | 0.226                   | 0.003                       | 0.003                           | 0.002                 | 0.229                                | 0.229                              | 0.228                          |                  |

| Band  | Test Position | RB allocation | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWAN+<br>BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|-------|---------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|       |               |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| 5-n41 | Front         | 1RB           | 0.186                   | 0.051                       | 0.037                           | 0.020                 | 0.237                                | 0.223                              | 0.206                          | 1.6              |
|       | Back          |               | 0.230                   | 0.058                       | 0.047                           | 0.023                 | 0.288                                | 0.277                              | 0.253                          |                  |
|       | Left          |               | 0.014                   | 0.004                       | 0.007                           | 0.002                 | 0.018                                | 0.021                              | 0.016                          |                  |
|       | Right         |               | 0.065                   | 0.029                       | 0.015                           | 0.013                 | 0.094                                | 0.080                              | 0.078                          |                  |
|       | Top           |               | 0.002                   | 0.048                       | 0.083                           | 0.020                 | 0.050                                | 0.085                              | 0.022                          |                  |
|       | Bottom        |               | 0.238                   | 0.003                       | 0.003                           | 0.002                 | 0.241                                | 0.241                              | 0.240                          |                  |
|       | Front         | 50%RB         | 0.184                   | 0.051                       | 0.037                           | 0.020                 | 0.235                                | 0.221                              | 0.204                          |                  |
|       | Back          |               | 0.227                   | 0.058                       | 0.047                           | 0.023                 | 0.285                                | 0.274                              | 0.250                          |                  |
|       | Left          |               | 0.014                   | 0.004                       | 0.007                           | 0.002                 | 0.018                                | 0.021                              | 0.016                          |                  |
|       | Right         |               | 0.062                   | 0.029                       | 0.015                           | 0.013                 | 0.091                                | 0.077                              | 0.075                          |                  |
|       | Top           |               | 0.002                   | 0.048                       | 0.083                           | 0.020                 | 0.050                                | 0.085                              | 0.022                          |                  |
| 5-n66 | Bottom        |               | 0.234                   | 0.003                       | 0.003                           | 0.002                 | 0.237                                | 0.237                              | 0.236                          |                  |
|       | Front         | 1RB           | 0.194                   | 0.051                       | 0.037                           | 0.020                 | 0.245                                | 0.231                              | 0.214                          |                  |
|       | Back          |               | 0.237                   | 0.058                       | 0.047                           | 0.023                 | 0.295                                | 0.284                              | 0.260                          |                  |
|       | Left          |               | 0.087                   | 0.004                       | 0.007                           | 0.002                 | 0.091                                | 0.094                              | 0.089                          |                  |
|       | Right         |               | 0.018                   | 0.029                       | 0.015                           | 0.013                 | 0.047                                | 0.033                              | 0.031                          |                  |
|       | Top           |               | 0.002                   | 0.048                       | 0.083                           | 0.020                 | 0.050                                | 0.085                              | 0.022                          |                  |
|       | Bottom        |               | 0.244                   | 0.003                       | 0.003                           | 0.002                 | 0.247                                | 0.247                              | 0.246                          |                  |
|       | Front         | 50%RB         | 0.187                   | 0.051                       | 0.037                           | 0.020                 | 0.238                                | 0.224                              | 0.207                          |                  |
|       | Back          |               | 0.233                   | 0.058                       | 0.047                           | 0.023                 | 0.291                                | 0.280                              | 0.256                          |                  |
|       | Left          |               | 0.085                   | 0.004                       | 0.007                           | 0.002                 | 0.089                                | 0.092                              | 0.087                          |                  |
|       | Right         |               | 0.018                   | 0.029                       | 0.015                           | 0.013                 | 0.047                                | 0.033                              | 0.031                          |                  |
|       | Top           |               | 0.002                   | 0.048                       | 0.083                           | 0.020                 | 0.050                                | 0.085                              | 0.022                          |                  |
| 5-n77 | Bottom        |               | 0.238                   | 0.003                       | 0.003                           | 0.002                 | 0.241                                | 0.241                              | 0.240                          |                  |
|       | Front         | 1RB           | 0.208                   | 0.051                       | 0.037                           | 0.020                 | 0.259                                | 0.245                              | 0.228                          |                  |
|       | Back          |               | 0.252                   | 0.058                       | 0.047                           | 0.023                 | 0.310                                | 0.299                              | 0.275                          |                  |
|       | Left          |               | 0.146                   | 0.004                       | 0.007                           | 0.002                 | 0.150                                | 0.153                              | 0.148                          |                  |
|       | Right         |               | 0.196                   | 0.029                       | 0.015                           | 0.013                 | 0.225                                | 0.211                              | 0.209                          |                  |
|       | Top           |               | 0.045                   | 0.048                       | 0.083                           | 0.020                 | 0.093                                | 0.128                              | 0.065                          |                  |
|       | Bottom        |               | 0.283                   | 0.003                       | 0.003                           | 0.002                 | 0.286                                | 0.286                              | 0.285                          |                  |
|       | Front         | 50%RB         | 0.201                   | 0.051                       | 0.037                           | 0.020                 | 0.252                                | 0.238                              | 0.221                          |                  |
|       | Back          |               | 0.243                   | 0.058                       | 0.047                           | 0.023                 | 0.301                                | 0.290                              | 0.266                          |                  |
|       | Left          |               | 0.140                   | 0.004                       | 0.007                           | 0.002                 | 0.144                                | 0.147                              | 0.142                          |                  |
|       | Right         |               | 0.202                   | 0.029                       | 0.015                           | 0.013                 | 0.231                                | 0.217                              | 0.215                          |                  |
|       | Top           |               | 0.047                   | 0.048                       | 0.083                           | 0.020                 | 0.095                                | 0.130                              | 0.067                          |                  |
| 5-n78 | Bottom        |               | 0.268                   | 0.003                       | 0.003                           | 0.002                 | 0.271                                | 0.271                              | 0.270                          |                  |
|       | Front         | 1RB           | 0.066                   | 0.051                       | 0.037                           | 0.020                 | 0.117                                | 0.103                              | 0.086                          |                  |
|       | Back          |               | 0.052                   | 0.058                       | 0.047                           | 0.023                 | 0.110                                | 0.099                              | 0.075                          |                  |
|       | Left          |               | 0.025                   | 0.004                       | 0.007                           | 0.002                 | 0.029                                | 0.032                              | 0.027                          |                  |
|       | Right         |               | 0.030                   | 0.029                       | 0.015                           | 0.013                 | 0.059                                | 0.045                              | 0.043                          |                  |
|       | Top           |               | 0.016                   | 0.048                       | 0.083                           | 0.020                 | 0.064                                | 0.099                              | 0.036                          |                  |
|       | Bottom        |               | 0.036                   | 0.003                       | 0.003                           | 0.002                 | 0.039                                | 0.039                              | 0.038                          |                  |
|       | Front         | 50%RB         | 0.063                   | 0.051                       | 0.037                           | 0.020                 | 0.114                                | 0.100                              | 0.083                          |                  |
|       | Back          |               | 0.050                   | 0.058                       | 0.047                           | 0.023                 | 0.108                                | 0.097                              | 0.073                          |                  |
|       | Left          |               | 0.027                   | 0.004                       | 0.007                           | 0.002                 | 0.031                                | 0.034                              | 0.029                          |                  |
|       | Right         |               | 0.030                   | 0.029                       | 0.015                           | 0.013                 | 0.059                                | 0.045                              | 0.043                          |                  |
|       | Top           |               | 0.018                   | 0.048                       | 0.083                           | 0.020                 | 0.066                                | 0.101                              | 0.038                          |                  |
| 7-n66 | Bottom        |               | 0.039                   | 0.003                       | 0.003                           | 0.002                 | 0.042                                | 0.042                              | 0.041                          |                  |
|       | Front         | 1RB           | 0.038                   | 0.051                       | 0.037                           | 0.020                 | 0.089                                | 0.075                              | 0.058                          |                  |
|       | Back          |               | 0.042                   | 0.058                       | 0.047                           | 0.023                 | 0.100                                | 0.089                              | 0.065                          |                  |
|       | Left          |               | 0.028                   | 0.004                       | 0.007                           | 0.002                 | 0.032                                | 0.035                              | 0.030                          |                  |
|       | Right         |               | 0.015                   | 0.029                       | 0.015                           | 0.013                 | 0.044                                | 0.030                              | 0.028                          |                  |
|       | Top           |               | 0.049                   | 0.048                       | 0.083                           | 0.020                 | 0.097                                | 0.132                              | 0.069                          |                  |
|       | Bottom        |               | 0.025                   | 0.003                       | 0.003                           | 0.002                 | 0.028                                | 0.028                              | 0.027                          |                  |
|       | Front         | 50%RB         | 0.036                   | 0.051                       | 0.037                           | 0.020                 | 0.087                                | 0.073                              | 0.056                          |                  |
|       | Back          |               | 0.042                   | 0.058                       | 0.047                           | 0.023                 | 0.100                                | 0.089                              | 0.065                          |                  |
|       | Left          |               | 0.030                   | 0.004                       | 0.007                           | 0.002                 | 0.034                                | 0.037                              | 0.032                          |                  |
|       | Right         |               | 0.015                   | 0.029                       | 0.015                           | 0.013                 | 0.044                                | 0.030                              | 0.028                          |                  |
|       | Top           |               | 0.049                   | 0.048                       | 0.083                           | 0.020                 | 0.097                                | 0.132                              | 0.069                          |                  |
|       | Bottom        |               | 0.023                   | 0.003                       | 0.003                           | 0.002                 | 0.026                                | 0.026                              | 0.025                          |                  |

| Band   | Test Position | RB allocation | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWAN+<br>BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|--------|---------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|        |               |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| 7-n77  | Front         | 1RB           | 0.251                   | 0.051                       | 0.037                           | 0.020                 | 0.302                                | 0.288                              | 0.271                          | 1.6              |
|        | Back          |               | 0.314                   | 0.058                       | 0.047                           | 0.023                 | 0.372                                | 0.361                              | 0.337                          |                  |
|        | Left          |               | 0.362                   | 0.004                       | 0.007                           | 0.002                 | 0.366                                | 0.369                              | 0.364                          |                  |
|        | Right         |               | 0.170                   | 0.029                       | 0.015                           | 0.013                 | 0.199                                | 0.185                              | 0.183                          |                  |
|        | Top           |               | 0.112                   | 0.048                       | 0.083                           | 0.020                 | 0.160                                | 0.195                              | 0.132                          |                  |
|        | Bottom        |               | 0.470                   | 0.003                       | 0.003                           | 0.002                 | 0.473                                | 0.473                              | 0.472                          |                  |
|        | Front         | 50%RB         | 0.244                   | 0.051                       | 0.037                           | 0.020                 | 0.295                                | 0.281                              | 0.264                          |                  |
|        | Back          |               | 0.308                   | 0.058                       | 0.047                           | 0.023                 | 0.366                                | 0.355                              | 0.331                          |                  |
|        | Left          |               | 0.354                   | 0.004                       | 0.007                           | 0.002                 | 0.358                                | 0.361                              | 0.356                          |                  |
|        | Right         |               | 0.165                   | 0.029                       | 0.015                           | 0.013                 | 0.194                                | 0.180                              | 0.178                          |                  |
|        | Top           |               | 0.105                   | 0.048                       | 0.083                           | 0.020                 | 0.153                                | 0.188                              | 0.125                          |                  |
| 7-n78  | Bottom        |               | 0.461                   | 0.003                       | 0.003                           | 0.002                 | 0.464                                | 0.464                              | 0.463                          |                  |
|        | Front         | 1RB           | 0.220                   | 0.051                       | 0.037                           | 0.020                 | 0.271                                | 0.257                              | 0.240                          |                  |
|        | Back          |               | 0.264                   | 0.058                       | 0.047                           | 0.023                 | 0.322                                | 0.311                              | 0.287                          |                  |
|        | Left          |               | 0.316                   | 0.004                       | 0.007                           | 0.002                 | 0.320                                | 0.323                              | 0.318                          |                  |
|        | Right         |               | 0.192                   | 0.029                       | 0.015                           | 0.013                 | 0.221                                | 0.207                              | 0.205                          |                  |
|        | Top           |               | 0.081                   | 0.048                       | 0.083                           | 0.020                 | 0.129                                | 0.164                              | 0.101                          |                  |
|        | Bottom        |               | 0.472                   | 0.003                       | 0.003                           | 0.002                 | 0.475                                | 0.475                              | 0.474                          |                  |
|        | Front         | 50%RB         | 0.211                   | 0.051                       | 0.037                           | 0.020                 | 0.262                                | 0.248                              | 0.231                          |                  |
|        | Back          |               | 0.280                   | 0.058                       | 0.047                           | 0.023                 | 0.338                                | 0.327                              | 0.303                          |                  |
|        | Left          |               | 0.336                   | 0.004                       | 0.007                           | 0.002                 | 0.340                                | 0.343                              | 0.338                          |                  |
|        | Right         |               | 0.185                   | 0.029                       | 0.015                           | 0.013                 | 0.214                                | 0.200                              | 0.198                          |                  |
|        | Top           |               | 0.085                   | 0.048                       | 0.083                           | 0.020                 | 0.133                                | 0.168                              | 0.105                          |                  |
| 38-n78 | Bottom        |               | 0.468                   | 0.003                       | 0.003                           | 0.002                 | 0.471                                | 0.471                              | 0.470                          |                  |
|        | Front         | 1RB           | 0.061                   | 0.051                       | 0.037                           | 0.020                 | 0.112                                | 0.098                              | 0.081                          |                  |
|        | Back          |               | 0.067                   | 0.058                       | 0.047                           | 0.023                 | 0.125                                | 0.114                              | 0.090                          |                  |
|        | Left          |               | 0.045                   | 0.004                       | 0.007                           | 0.002                 | 0.049                                | 0.052                              | 0.047                          |                  |
|        | Right         |               | 0.072                   | 0.029                       | 0.015                           | 0.013                 | 0.101                                | 0.087                              | 0.085                          |                  |
|        | Top           |               | 0.073                   | 0.048                       | 0.083                           | 0.020                 | 0.121                                | 0.156                              | 0.093                          |                  |
|        | Bottom        |               | 0.086                   | 0.003                       | 0.003                           | 0.002                 | 0.089                                | 0.089                              | 0.088                          |                  |
|        | Front         | 50%RB         | 0.056                   | 0.051                       | 0.037                           | 0.020                 | 0.107                                | 0.093                              | 0.076                          |                  |
|        | Back          |               | 0.065                   | 0.058                       | 0.047                           | 0.023                 | 0.123                                | 0.112                              | 0.088                          |                  |
|        | Left          |               | 0.040                   | 0.004                       | 0.007                           | 0.002                 | 0.044                                | 0.047                              | 0.042                          |                  |
|        | Right         |               | 0.070                   | 0.029                       | 0.015                           | 0.013                 | 0.099                                | 0.085                              | 0.083                          |                  |
|        | Top           |               | 0.068                   | 0.048                       | 0.083                           | 0.020                 | 0.116                                | 0.151                              | 0.088                          |                  |
| 41-n77 | Bottom        |               | 0.083                   | 0.003                       | 0.003                           | 0.002                 | 0.086                                | 0.086                              | 0.085                          |                  |
|        | Front         | 1RB           | 0.050                   | 0.051                       | 0.037                           | 0.020                 | 0.101                                | 0.087                              | 0.070                          |                  |
|        | Back          |               | 0.063                   | 0.058                       | 0.047                           | 0.023                 | 0.121                                | 0.110                              | 0.086                          |                  |
|        | Left          |               | 0.041                   | 0.004                       | 0.007                           | 0.002                 | 0.045                                | 0.048                              | 0.043                          |                  |
|        | Right         |               | 0.065                   | 0.029                       | 0.015                           | 0.013                 | 0.094                                | 0.080                              | 0.078                          |                  |
|        | Top           |               | 0.125                   | 0.048                       | 0.083                           | 0.020                 | 0.173                                | 0.208                              | 0.145                          |                  |
|        | Bottom        |               | 0.080                   | 0.003                       | 0.003                           | 0.002                 | 0.083                                | 0.083                              | 0.082                          |                  |
|        | Front         | 50%RB         | 0.047                   | 0.051                       | 0.037                           | 0.020                 | 0.098                                | 0.084                              | 0.067                          |                  |
|        | Back          |               | 0.061                   | 0.058                       | 0.047                           | 0.023                 | 0.119                                | 0.108                              | 0.084                          |                  |
|        | Left          |               | 0.039                   | 0.004                       | 0.007                           | 0.002                 | 0.043                                | 0.046                              | 0.041                          |                  |
|        | Right         |               | 0.062                   | 0.029                       | 0.015                           | 0.013                 | 0.091                                | 0.077                              | 0.075                          |                  |
|        | Top           |               | 0.120                   | 0.048                       | 0.083                           | 0.020                 | 0.168                                | 0.203                              | 0.140                          |                  |
| 41-n78 | Bottom        |               | 0.077                   | 0.003                       | 0.003                           | 0.002                 | 0.080                                | 0.080                              | 0.079                          |                  |
|        | Front         | 1RB           | 0.047                   | 0.051                       | 0.037                           | 0.020                 | 0.098                                | 0.084                              | 0.067                          |                  |
|        | Back          |               | 0.063                   | 0.058                       | 0.047                           | 0.023                 | 0.121                                | 0.110                              | 0.086                          |                  |
|        | Left          |               | 0.039                   | 0.004                       | 0.007                           | 0.002                 | 0.043                                | 0.046                              | 0.041                          |                  |
|        | Right         |               | 0.070                   | 0.029                       | 0.015                           | 0.013                 | 0.099                                | 0.085                              | 0.083                          |                  |
|        | Top           |               | 0.079                   | 0.048                       | 0.083                           | 0.020                 | 0.127                                | 0.162                              | 0.099                          |                  |
|        | Bottom        |               | 0.087                   | 0.003                       | 0.003                           | 0.002                 | 0.090                                | 0.090                              | 0.089                          |                  |
|        | Front         | 50%RB         | 0.044                   | 0.051                       | 0.037                           | 0.020                 | 0.095                                | 0.081                              | 0.064                          |                  |
|        | Back          |               | 0.060                   | 0.058                       | 0.047                           | 0.023                 | 0.118                                | 0.107                              | 0.083                          |                  |
|        | Left          |               | 0.037                   | 0.004                       | 0.007                           | 0.002                 | 0.041                                | 0.044                              | 0.039                          |                  |
|        | Right         |               | 0.072                   | 0.029                       | 0.015                           | 0.013                 | 0.101                                | 0.087                              | 0.085                          |                  |
|        | Top           |               | 0.080                   | 0.048                       | 0.083                           | 0.020                 | 0.128                                | 0.163                              | 0.100                          |                  |
|        | Bottom        |               | 0.083                   | 0.003                       | 0.003                           | 0.002                 | 0.086                                | 0.086                              | 0.085                          |                  |

| Band   | Test Position | RB allocation | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWAN+<br>BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|--------|---------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|        |               |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| 66-n7  | Front         | 1RB           | 0.029                   | 0.051                       | 0.037                           | 0.020                 | 0.080                                | 0.066                              | 0.049                          | 1.6              |
|        | Back          |               | 0.038                   | 0.058                       | 0.047                           | 0.023                 | 0.096                                | 0.085                              | 0.061                          |                  |
|        | Left          |               | 0.017                   | 0.004                       | 0.007                           | 0.002                 | 0.021                                | 0.024                              | 0.019                          |                  |
|        | Right         |               | 0.011                   | 0.029                       | 0.015                           | 0.013                 | 0.040                                | 0.026                              | 0.024                          |                  |
|        | Top           |               | 0.025                   | 0.048                       | 0.083                           | 0.020                 | 0.073                                | 0.108                              | 0.045                          |                  |
|        | Bottom        |               | 0.047                   | 0.003                       | 0.003                           | 0.002                 | 0.050                                | 0.050                              | 0.049                          |                  |
|        | Front         | 50%RB         | 0.027                   | 0.051                       | 0.037                           | 0.020                 | 0.078                                | 0.064                              | 0.047                          |                  |
|        | Back          |               | 0.036                   | 0.058                       | 0.047                           | 0.023                 | 0.094                                | 0.083                              | 0.059                          |                  |
|        | Left          |               | 0.019                   | 0.004                       | 0.007                           | 0.002                 | 0.023                                | 0.026                              | 0.021                          |                  |
|        | Right         |               | 0.008                   | 0.029                       | 0.015                           | 0.013                 | 0.037                                | 0.023                              | 0.021                          |                  |
|        | Top           |               | 0.025                   | 0.048                       | 0.083                           | 0.020                 | 0.073                                | 0.108                              | 0.045                          |                  |
| 66-n38 | Bottom        |               | 0.046                   | 0.003                       | 0.003                           | 0.002                 | 0.049                                | 0.049                              | 0.048                          |                  |
|        | Front         | 1RB           | 0.177                   | 0.051                       | 0.037                           | 0.020                 | 0.228                                | 0.214                              | 0.197                          |                  |
|        | Back          |               | 0.221                   | 0.058                       | 0.047                           | 0.023                 | 0.279                                | 0.268                              | 0.244                          |                  |
|        | Left          |               | 0.149                   | 0.004                       | 0.007                           | 0.002                 | 0.153                                | 0.156                              | 0.151                          |                  |
|        | Right         |               | 0.057                   | 0.029                       | 0.015                           | 0.013                 | 0.086                                | 0.072                              | 0.070                          |                  |
|        | Top           |               | 0.016                   | 0.048                       | 0.083                           | 0.020                 | 0.064                                | 0.099                              | 0.036                          |                  |
|        | Bottom        |               | 0.386                   | 0.003                       | 0.003                           | 0.002                 | 0.389                                | 0.389                              | 0.388                          |                  |
|        | Front         | 50%RB         | 0.173                   | 0.051                       | 0.037                           | 0.020                 | 0.224                                | 0.210                              | 0.193                          |                  |
|        | Back          |               | 0.223                   | 0.058                       | 0.047                           | 0.023                 | 0.281                                | 0.270                              | 0.246                          |                  |
|        | Left          |               | 0.146                   | 0.004                       | 0.007                           | 0.002                 | 0.150                                | 0.153                              | 0.148                          |                  |
|        | Right         |               | 0.056                   | 0.029                       | 0.015                           | 0.013                 | 0.085                                | 0.071                              | 0.069                          |                  |
|        | Top           |               | 0.014                   | 0.048                       | 0.083                           | 0.020                 | 0.062                                | 0.097                              | 0.034                          |                  |
| 66-n41 | Bottom        |               | 0.383                   | 0.003                       | 0.003                           | 0.002                 | 0.386                                | 0.386                              | 0.385                          |                  |
|        | Front         | 1RB           | 0.147                   | 0.051                       | 0.037                           | 0.020                 | 0.198                                | 0.184                              | 0.167                          |                  |
|        | Back          |               | 0.152                   | 0.058                       | 0.047                           | 0.023                 | 0.210                                | 0.199                              | 0.175                          |                  |
|        | Left          |               | 0.084                   | 0.004                       | 0.007                           | 0.002                 | 0.088                                | 0.091                              | 0.086                          |                  |
|        | Right         |               | 0.020                   | 0.029                       | 0.015                           | 0.013                 | 0.049                                | 0.035                              | 0.033                          |                  |
|        | Top           |               | 0.002                   | 0.048                       | 0.083                           | 0.020                 | 0.050                                | 0.085                              | 0.022                          |                  |
|        | Bottom        |               | 0.316                   | 0.003                       | 0.003                           | 0.002                 | 0.319                                | 0.319                              | 0.318                          |                  |
|        | Front         | 50%RB         | 0.143                   | 0.051                       | 0.037                           | 0.020                 | 0.194                                | 0.180                              | 0.163                          |                  |
|        | Back          |               | 0.149                   | 0.058                       | 0.047                           | 0.023                 | 0.207                                | 0.196                              | 0.172                          |                  |
|        | Left          |               | 0.081                   | 0.004                       | 0.007                           | 0.002                 | 0.085                                | 0.088                              | 0.083                          |                  |
|        | Right         |               | 0.019                   | 0.029                       | 0.015                           | 0.013                 | 0.048                                | 0.034                              | 0.032                          |                  |
|        | Top           |               | 0.002                   | 0.048                       | 0.083                           | 0.020                 | 0.050                                | 0.085                              | 0.022                          |                  |
| 66-n66 | Bottom        |               | 0.312                   | 0.003                       | 0.003                           | 0.002                 | 0.315                                | 0.315                              | 0.314                          |                  |
|        | Front         | 1RB           | 0.153                   | 0.051                       | 0.037                           | 0.020                 | 0.204                                | 0.190                              | 0.173                          |                  |
|        | Back          |               | 0.162                   | 0.058                       | 0.047                           | 0.023                 | 0.220                                | 0.209                              | 0.185                          |                  |
|        | Left          |               | 0.156                   | 0.004                       | 0.007                           | 0.002                 | 0.160                                | 0.163                              | 0.158                          |                  |
|        | Right         |               | 0.026                   | 0.029                       | 0.015                           | 0.013                 | 0.055                                | 0.041                              | 0.039                          |                  |
|        | Top           |               | 0.005                   | 0.048                       | 0.083                           | 0.020                 | 0.053                                | 0.088                              | 0.025                          |                  |
|        | Bottom        |               | 0.316                   | 0.003                       | 0.003                           | 0.002                 | 0.319                                | 0.319                              | 0.318                          |                  |
|        | Front         | 50%RB         | 0.150                   | 0.051                       | 0.037                           | 0.020                 | 0.201                                | 0.187                              | 0.170                          |                  |
|        | Back          |               | 0.160                   | 0.058                       | 0.047                           | 0.023                 | 0.218                                | 0.207                              | 0.183                          |                  |
|        | Left          |               | 0.154                   | 0.004                       | 0.007                           | 0.002                 | 0.158                                | 0.161                              | 0.156                          |                  |
|        | Right         |               | 0.025                   | 0.029                       | 0.015                           | 0.013                 | 0.054                                | 0.040                              | 0.038                          |                  |
|        | Top           |               | 0.006                   | 0.048                       | 0.083                           | 0.020                 | 0.054                                | 0.089                              | 0.026                          |                  |
| 66-n77 | Bottom        |               | 0.314                   | 0.003                       | 0.003                           | 0.002                 | 0.317                                | 0.317                              | 0.316                          |                  |
|        | Front         | 1RB           | 0.233                   | 0.051                       | 0.037                           | 0.020                 | 0.284                                | 0.270                              | 0.253                          |                  |
|        | Back          |               | 0.283                   | 0.058                       | 0.047                           | 0.023                 | 0.341                                | 0.330                              | 0.306                          |                  |
|        | Left          |               | 0.349                   | 0.004                       | 0.007                           | 0.002                 | 0.353                                | 0.356                              | 0.351                          |                  |
|        | Right         |               | 0.143                   | 0.029                       | 0.015                           | 0.013                 | 0.172                                | 0.158                              | 0.156                          |                  |
|        | Top           |               | 0.095                   | 0.048                       | 0.083                           | 0.020                 | 0.143                                | 0.178                              | 0.115                          |                  |
|        | Bottom        |               | 0.536                   | 0.003                       | 0.003                           | 0.002                 | 0.539                                | 0.539                              | 0.538                          |                  |
|        | Front         | 50%RB         | 0.225                   | 0.051                       | 0.037                           | 0.020                 | 0.276                                | 0.262                              | 0.245                          |                  |
|        | Back          |               | 0.277                   | 0.058                       | 0.047                           | 0.023                 | 0.335                                | 0.324                              | 0.300                          |                  |
|        | Left          |               | 0.356                   | 0.004                       | 0.007                           | 0.002                 | 0.360                                | 0.363                              | 0.358                          |                  |
|        | Right         |               | 0.149                   | 0.029                       | 0.015                           | 0.013                 | 0.178                                | 0.164                              | 0.162                          |                  |
|        | Top           |               | 0.087                   | 0.048                       | 0.083                           | 0.020                 | 0.135                                | 0.170                              | 0.107                          |                  |
|        | Bottom        |               | 0.531                   | 0.003                       | 0.003                           | 0.002                 | 0.534                                | 0.534                              | 0.533                          |                  |

| Band   | Test Position | RB allocation | Scaled SAR              |                             |                                 |                       | WWAN+<br>WIFI2.4G<br>Σ SAR<br>(W/kg) | WWAN+<br>WIFI5G<br>Σ SAR<br>(W/kg) | WWAN+<br>BT<br>Σ SAR<br>(W/kg) | Llimit<br>(W/kg) |
|--------|---------------|---------------|-------------------------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|------------------------------------|--------------------------------|------------------|
|        |               |               | WWAN<br>SAR<br>1g(W/kg) | WIFI2.4G<br>SAR<br>1g(W/kg) | Wi-Fi<br>5G(Band 2)<br>1g(W/kg) | BT<br>SAR<br>1g(W/kg) |                                      |                                    |                                |                  |
| 66-n78 | Front         | 1RB           | 0.190                   | 0.051                       | 0.037                           | 0.020                 | 0.241                                | 0.227                              | 0.210                          | 1.6              |
|        | Back          |               | 0.246                   | 0.058                       | 0.047                           | 0.023                 | 0.304                                | 0.293                              | 0.269                          |                  |
|        | Left          |               | 0.361                   | 0.004                       | 0.007                           | 0.002                 | 0.365                                | 0.368                              | 0.363                          |                  |
|        | Right         |               | 0.154                   | 0.029                       | 0.015                           | 0.013                 | 0.183                                | 0.169                              | 0.167                          |                  |
|        | Top           |               | 0.055                   | 0.048                       | 0.083                           | 0.020                 | 0.103                                | 0.138                              | 0.075                          |                  |
|        | Bottom        |               | 0.480                   | 0.003                       | 0.003                           | 0.002                 | 0.483                                | 0.483                              | 0.482                          |                  |
|        | Front         | 50%RB         | 0.195                   | 0.051                       | 0.037                           | 0.020                 | 0.246                                | 0.232                              | 0.215                          |                  |
|        | Back          |               | 0.250                   | 0.058                       | 0.047                           | 0.023                 | 0.308                                | 0.297                              | 0.273                          |                  |
|        | Left          |               | 0.354                   | 0.004                       | 0.007                           | 0.002                 | 0.358                                | 0.361                              | 0.356                          |                  |
|        | Right         |               | 0.161                   | 0.029                       | 0.015                           | 0.013                 | 0.190                                | 0.176                              | 0.174                          |                  |
|        | Top           |               | 0.057                   | 0.048                       | 0.083                           | 0.020                 | 0.105                                | 0.140                              | 0.077                          |                  |
|        | Bottom        |               | 0.479                   | 0.003                       | 0.003                           | 0.002                 | 0.482                                | 0.482                              | 0.481                          |                  |

## 13 Measurement uncertainty evaluation

### 13.1 Measurement uncertainty evaluation for SAR test

The following table includes the uncertainty table of the IEEE 1528. The values are determined by SPEAG. The breakdown of the individual uncertainties is as follows:

| DASY8 Uncertainty Budget                                                |                                 |               |             |            |           |            |               |                |
|-------------------------------------------------------------------------|---------------------------------|---------------|-------------|------------|-----------|------------|---------------|----------------|
| According to IEC/IEEE 62209-1528<br>(Frequency band: 300MHz-3GHz range) |                                 |               |             |            |           |            |               |                |
| Symbol                                                                  | Error Description               | Uncert. value | Prob. Dist. | Div.       | (ci) (1g) | (ci) (10g) | Std. Unc (1g) | Std. Unc (10g) |
| <b>Measurement System Errors</b>                                        |                                 |               |             |            |           |            |               |                |
| CF                                                                      | Probe Calibration               | ±13.3%        | N           | 2          | 1         | 1          | ±6.7%         | ±6.7%          |
| CF <sub>drift</sub>                                                     | Probe Calibration Drift         | ±1.7%         | R           | $\sqrt{3}$ | 1         | 1          | ±1.0%         | ±1.0%          |
| LIN                                                                     | Probe Linearity                 | ±4.7%         | R           | $\sqrt{3}$ | 1         | 1          | ±2.7%         | ±2.7%          |
| BBS                                                                     | Broadband Signal                | ±2.8%         | R           | $\sqrt{3}$ | 1         | 1          | ±1.6%         | ±1.6%          |
| ISO                                                                     | Probe Isotropy                  | ±7.6%         | R           | $\sqrt{3}$ | 1         | 1          | ±4.4%         | ±4.4%          |
| DAE                                                                     | Other Probe+Electronic          | ±0.8%         | N           | 1          | 1         | 1          | ±0.8%         | ±0.8%          |
| AMB                                                                     | RF Ambient                      | ±1.8%         | N           | 1          | 1         | 1          | ±1.8%         | ±1.8%          |
| Δ <sub>sys</sub>                                                        | Probe Positioning               | ±0.006 mm     | N           | 1          | 0.14      | 0.14       | ±0.10%        | ±0.10%         |
| DAT                                                                     | Data Processing                 | ±1.2%         | N           | 1          | 1         | 1          | ±1.2%         | ±1.2%          |
| <b>Phantom and Device Errors</b>                                        |                                 |               |             |            |           |            |               |                |
| LIQ(σ)                                                                  | Conductivity (meas.) DAK        | ±2.5%         | N           | 1          | 0.78      | 0.71       | ±2.0%         | ±1.8%          |
| LIQ(T <sub>σ</sub> )                                                    | Conductivity (temp.) BB         | ±3.3%         | R           | $\sqrt{3}$ | 0.78      | 0.71       | ±1.5%         | ±1.4%          |
| EPS                                                                     | Phantom Permittivity            | ±14.0%        | R           | $\sqrt{3}$ | 0         | 0          | ±0%           | ±0%            |
| DIS                                                                     | Distance DUT – TSL              | ±2.0%         | N           | 1          | 2         | 2          | ±4.0%         | ±4.0%          |
| D <sub>xyz</sub>                                                        | Device Positioning              | ±1.0%         | N           | 1          | 1         | 1          | ±1.0%         | ±1.0%          |
| H                                                                       | Device Holder                   | ±3.6%         | N           | 1          | 1         | 1          | ±3.6%         | ±3.6%          |
| MOD                                                                     | DUT Modulation <sup>m</sup>     | ±2.4%         | R           | $\sqrt{3}$ | 1         | 1          | ±1.4%         | ±1.4%          |
| TAS                                                                     | Time-average SAR                | ±1.7%         | R           | $\sqrt{3}$ | 1         | 1          | ±1.0%         | ±1.0%          |
| RF <sub>drift</sub>                                                     | DUT drift                       | ±2.5%         | N           | 1          | 1         | 1          | ±2.5%         | ±2.5%          |
| VAL                                                                     | Val Antenna Unc. <sup>val</sup> | ±0.0%         | N           | 1          | 1         | 1          | ±0.0%         | ±0.0%          |
| RF <sub>in</sub>                                                        | Unc. Input Power <sup>val</sup> | ±0.0%         | N           | 1          | 1         | 1          | ±0.0%         | ±0.0%          |
| <b>Correction to the SAR results</b>                                    |                                 |               |             |            |           |            |               |                |
| C(ε, σ)                                                                 | Deviation to Target             | ±1.9%         | N           | 1          | 1         | 0.84       | ±1.9%         | ±1.6%          |
| C(R)                                                                    | SAR scaling <sup>p</sup>        | ±0.0%         | R           | $\sqrt{3}$ | 1         | 1          | ±0.0%         | ±0.0%          |
| u(ΔSAR)                                                                 | Combined Uncertainty            |               |             |            |           |            | ±11.3%        | ±11.2%         |
| U                                                                       | Expanded Uncertainty            |               |             |            |           |            | ±22.6%        | ±22.5%         |

## DASY8 Uncertainty Budget

According to IEC/IEEE 62209-1528  
(Frequency band: 3GHz–6GHz range)

| Symbol                               | Error Description               | Uncert. value | Prob. Dist. | Div.       | ( $c_1$ ) (1g) | ( $c_2$ ) (10g) | Std.Unc (1g) | Std.Unc (10g) |
|--------------------------------------|---------------------------------|---------------|-------------|------------|----------------|-----------------|--------------|---------------|
| <b>Measurement System Errors</b>     |                                 |               |             |            |                |                 |              |               |
| CF                                   | Probe Calibration               | ±13.1%        | N           | 2          | 1              | 1               | ±6.55%       | ±6.55%        |
| CF <sub>drift</sub>                  | Probe Calibration Drift         | ±1.7%         | R           | $\sqrt{3}$ | 1              | 1               | ±1.0%        | ±1.0%         |
| LIN                                  | Probe Linearity                 | ±4.7%         | R           | $\sqrt{3}$ | 1              | 1               | ±2.7%        | ±2.7%         |
| BBS                                  | Broadband Signal                | ±2.6%         | R           | $\sqrt{3}$ | 1              | 1               | ±1.5%        | ±1.5%         |
| ISO                                  | Probe Isotropy                  | ±7.6%         | R           | $\sqrt{3}$ | 1              | 1               | ±4.4%        | ±4.4%         |
| DAE                                  | Other Probe+Electronic          | ±1.2%         | N           | 1          | 1              | 1               | ±1.2%        | ±1.2%         |
| AMB                                  | RF Ambient                      | ±1.8%         | N           | 1          | 1              | 1               | ±1.8%        | ±1.8%         |
| $\Delta_{sys}$                       | Probe Positioning               | ±0.005 mm     | N           | 1          | 0.29           | 0.29            | ±0.2%        | ±0.20%        |
| DAT                                  | Data Processing                 | ±2.3%         | N           | 1          | 1              | 1               | ±2.3%        | ±2.3%         |
| <b>Phantom and Device Errors</b>     |                                 |               |             |            |                |                 |              |               |
| LIQ( $\sigma$ )                      | Conductivity (meas.)DAK         | ±2.5%         | N           | 1          | 0.78           | 0.71            | ±2.0%        | ±1.8%         |
| LIQ( $T_\sigma$ )                    | Conductivity (temp.)BB          | ±3.4%         | R           | $\sqrt{3}$ | 0.78           | 0.71            | ±1.5%        | ±1.4%         |
| EPS                                  | Phantom Permittivity            | ±14.0%        | R           | $\sqrt{3}$ | 0.25           | 0.25            | ±2.0%        | ±2.0%         |
| DIS                                  | Distance DUT – TSL              | ±2.0%         | N           | 1          | 2              | 2               | ±4.0%        | ±4.0%         |
| D <sub>xyz</sub>                     | Device Positioning              | ±1.0%         | N           | 1          | 1              | 1               | ±1.0%        | ±1.0%         |
| H                                    | Device Holder                   | ±3.6%         | N           | 1          | 1              | 1               | ±3.6%        | ±3.6%         |
| MOD                                  | DUT Modulation <sup>m</sup>     | ±2.4%         | R           | $\sqrt{3}$ | 1              | 1               | ±1.4%        | ±1.4%         |
| TAS                                  | Time-average SAR                | ±1.7%         | R           | $\sqrt{3}$ | 1              | 1               | ±1.0%        | ±1.0%         |
| RF <sub>drift</sub>                  | DUT drift                       | ±2.5%         | N           | 1          | 1              | 1               | ±2.5%        | ±2.5%         |
| VAL                                  | Val Antenna Unc. <sup>val</sup> | ±0.0%         | N           | 1          | 1              | 1               | ±0.0%        | ±0.0%         |
| RF <sub>in</sub>                     | Unc.Input Power <sup>val</sup>  | ±0.0%         | N           | 1          | 1              | 1               | ±0.0%        | ±0.0%         |
| <b>Correction to the SAR results</b> |                                 |               |             |            |                |                 |              |               |
| C( $\epsilon, \sigma$ )              | Deviation to Target             | ±1.9%         | N           | 1          | 1              | 0.84            | ±1.9%        | ±1.6%         |
| C(R)                                 | SAR scaling <sup>p</sup>        | ±0.0%         | R           | $\sqrt{3}$ | 1              | 1               | ±0.0%        | ±0.0%         |
| u( $\Delta$ SAR)                     | Combined Uncertainty            |               |             |            |                |                 | ±11.6%       | ±11.6%        |
| U                                    | Expanded Uncertainty            |               |             |            |                |                 | ±23.3%       | ±23.1%        |

### 13.2 Measurement uncertainty evaluation for system check

The following table includes the uncertainty table of the IEEE 1528. The values are determined by SPEAG. The breakdown of the individual uncertainties is as follows:

| Uncertainty For System Performance Check                                        |              |                |            |                      |                       |                           |                            |                |
|---------------------------------------------------------------------------------|--------------|----------------|------------|----------------------|-----------------------|---------------------------|----------------------------|----------------|
| Uncertainty Component                                                           | Tol.<br>(±%) | Prob.<br>Dist. | Div.       | C <sub>i</sub><br>1g | C <sub>i</sub><br>10g | 1g<br>U <sub>i</sub> (±%) | 10g<br>U <sub>i</sub> (±%) | V <sub>i</sub> |
| measurement system                                                              |              |                |            |                      |                       |                           |                            |                |
| Probe Calibration                                                               | 6.7          | N              | 1          | 1                    | 1                     | 6.70                      | 6.70                       | ∞              |
| Axial Isotropy                                                                  | 4.7          | R              | $\sqrt{3}$ | 0.7                  | 0.7                   | 1.90                      | 1.90                       | ∞              |
| Hemispherical Isotropy                                                          | 9.6          | R              | $\sqrt{3}$ | 0.7                  | 0.7                   | 3.88                      | 3.88                       | ∞              |
| Boundary Effect                                                                 | 1            | R              | $\sqrt{3}$ | 1                    | 1                     | 0.58                      | 0.58                       | ∞              |
| Linearity                                                                       | 4.7          | R              | $\sqrt{3}$ | 1                    | 1                     | 2.71                      | 2.71                       | ∞              |
| system detection Limits                                                         | 1            | R              | $\sqrt{3}$ | 1                    | 1                     | 0.58                      | 0.58                       | ∞              |
| Modulation response                                                             | 0            | N              | 1          | 1                    | 1                     | 0.00                      | 0.00                       | ∞              |
| Readout Electronics                                                             | 0.3          | N              | 1          | 1                    | 1                     | 0.30                      | 0.30                       | ∞              |
| Response Time                                                                   | 0            | R              | $\sqrt{3}$ | 1                    | 1                     | 0.00                      | 0.00                       | ∞              |
| Integration Time                                                                | 0            | R              | $\sqrt{3}$ | 1                    | 1                     | 0.00                      | 0.00                       | ∞              |
| RF ambient Conditions - Noise                                                   | 1            | R              | $\sqrt{3}$ | 1                    | 1                     | 0.58                      | 0.58                       | ∞              |
| RF ambient Conditions – Reflections                                             | 1            | R              | $\sqrt{3}$ | 1                    | 1                     | 0.58                      | 0.58                       | ∞              |
| Probe positioned Mechanical Tolerance                                           | 0.8          | R              | $\sqrt{3}$ | 1                    | 1                     | 0.46                      | 0.46                       | ∞              |
| Probe positioning with respect to Phantom Shell                                 | 6.7          | R              | $\sqrt{3}$ | 1                    | 1                     | 3.87                      | 3.87                       | ∞              |
| Extrapolation, interpolation and integration Algorithms for Max. SAR Evaluation | 2.0          | R              | $\sqrt{3}$ | 1                    | 1                     | 1.15                      | 1.15                       | ∞              |
| Dipole                                                                          |              |                |            |                      |                       |                           |                            |                |
| Deviation of experimental source from numerical source                          | 5.5          | N              | 1          | 1                    | 1                     | 3.18                      | 3.18                       | ∞              |
| Input power and SAR drift measurement                                           | 2.0          | R              | $\sqrt{3}$ | 1                    | 1                     | 1.15                      | 1.15                       | ∞              |
| Dipole axis to liquid Distance                                                  | 3.4          | R              | $\sqrt{3}$ | 1                    | 1                     | 1.96                      | 1.96                       | ∞              |
| Phantom and Tissue Parameters                                                   |              |                |            |                      |                       |                           |                            |                |
| Phantom Uncertainty (shape and thickness tolerances)                            | 4.0          | R              | $\sqrt{3}$ | 1                    | 1                     | 2.31                      | 2.31                       | ∞              |
| Uncertainty in SAR correction for deviation (in permittivity and conductivity)  | 2            | N              | 1          | 1                    | 0.84                  | 2.0                       | 1.68                       | ∞              |
| Liquid conductivity (meas.)                                                     | 2.5          | N              | 1          | 0.78                 | 0.71                  | 1.13                      | 1.03                       | 5              |
| Liquid conductivity (target.)                                                   | 5            | R              | $\sqrt{3}$ | 0.78                 | 0.71                  | 3.90                      | 3.55                       | 5              |
| Liquid Permittivity (meas.)                                                     | 2.5          | N              | 1          | 0.23                 | 0.26                  | 0.33                      | 0.38                       | ∞              |
| Liquid Permittivity (target.)                                                   | 5            | R              | $\sqrt{3}$ | 0.23                 | 0.26                  | 1.15                      | 1.30                       | ∞              |
| Combined Standard Uncertainty                                                   |              | Rss            |            |                      |                       | 11.29                     | 11.18                      |                |
| Expanded Uncertainty (95% Confidence interval)                                  |              | k              |            |                      |                       | 20.57                     | 19.95                      |                |

## 14 Test equipment and ancillaries used for tests

To simplify the identification of the test equipment and/or ancillaries which were used, the reporting of the relevant test cases only refer to the test item number as specified in the table below.

|                                     | Manufact<br>urer | Device Type                          | Type(Model)     | Serial number   | calibration |            |
|-------------------------------------|------------------|--------------------------------------|-----------------|-----------------|-------------|------------|
|                                     |                  |                                      |                 |                 | Last Cal.   | Due Date   |
| <input checked="" type="checkbox"/> | SPEAG            | E-Field PROBE                        | EX3DV4          | 7951            | 2025-09-10  | 2026-09-09 |
| <input checked="" type="checkbox"/> | SPEAG            | Validation Kits                      | D750V3          | 1151            | 2024-08-19  | 2027-08-18 |
| <input checked="" type="checkbox"/> | SPEAG            | Validation Kits                      | D835V2          | 4d203           | 2024-08-20  | 2027-08-19 |
| <input checked="" type="checkbox"/> | SPEAG            | Validation Kits                      | D1750V2         | 1143            | 2024-08-20  | 2027-08-19 |
| <input checked="" type="checkbox"/> | SPEAG            | Validation Kits                      | D1900V2         | 5d211           | 2024-08-19  | 2027-08-18 |
| <input checked="" type="checkbox"/> | SPEAG            | Validation Kits                      | D2450V2         | 1099            | 2026-03-05  | 2029-03-04 |
| <input checked="" type="checkbox"/> | SPEAG            | Validation Sources                   | D2550V2         | 1015            | 2024-08-16  | 2027-08-15 |
| <input checked="" type="checkbox"/> | SPEAG            | Validation Kits                      | D2600V2         | 1094            | 2026-03-04  | 2029-03-03 |
| <input checked="" type="checkbox"/> | SPEAG            | Validation Sources                   | D3500V2         | 1164            | 2024-10-17  | 2027-10-16 |
| <input checked="" type="checkbox"/> | SPEAG            | Validation Sources                   | D3700V2         | 1139            | 2024-10-17  | 2027-10-16 |
| <input checked="" type="checkbox"/> | SPEAG            | Validation Sources                   | D3900V2         | 1106            | 2024-10-17  | 2027-10-16 |
| <input type="checkbox"/>            | SPEAG            | Validation Sources                   | D4600V2         | 1097            | 2024-10-17  | 2027-10-16 |
| <input type="checkbox"/>            | SPEAG            | Validation Sources                   | D4900V2         | 1093            | 2024-10-08  | 2027-10-07 |
| <input checked="" type="checkbox"/> | SPEAG            | Validation Sources                   | D5GHzV2         | 1412            | 2024-10-17  | 2027-10-16 |
| <input type="checkbox"/>            | SPEAG            | Validation Sources                   | D6.5GHzV2       | 1116            | 2024-10-14  | 2027-10-13 |
| <input checked="" type="checkbox"/> | SPEAG            | DAE                                  | DAE4ip          | 1921            | 2025-09-04  | 2026-09-03 |
| <input checked="" type="checkbox"/> | R & S            | Universal Radio Communication Tester | CMU 200         | 119733          | 2025-11-27  | 2026-11-26 |
| <input checked="" type="checkbox"/> | R & S            | Universal Radio Communication Tester | CMW500          | 144459          | 2025-11-27  | 2026-11-26 |
| <input checked="" type="checkbox"/> | R & S            | UXM5G Wireless Test Platform         | E7515B          | MY60192341      | 2025-11-27  | 2026-11-26 |
| <input checked="" type="checkbox"/> | HP               | Network Analyser                     | 8753D           | 3410A08889      | 2025-11-27  | 2026-11-26 |
| <input checked="" type="checkbox"/> | HP               | Signal Generator                     | E4421B          | GB39340770      | 2025-11-27  | 2026-11-26 |
| <input checked="" type="checkbox"/> | Keithley         | Multimeter                           | Keithley 2000   | 4014539         | 2025-11-27  | 2026-11-26 |
| <input checked="" type="checkbox"/> | SATIMO           | Amplifier                            | Power Amplifier | MODU-023-A-0004 | 2025-11-27  | 2026-11-26 |
| <input checked="" type="checkbox"/> | Agilent          | Power Meter                          | E4418B          | GB43312909      | 2025-11-27  | 2026-11-26 |
| <input checked="" type="checkbox"/> | Agilent          | Power Meter Sensor                   | E4412A          | MY41500046      | 2025-11-27  | 2026-11-26 |

**Annex A: System Check**

(Please See the SAR Measurement Plots of annex A.)

**Annex B: Measurement Results**

(Please See the SAR Measurement Plots of annex B.)

**Annex C: Calibration Reports**

(Please See the Calibration reports of annex C.)

**Annex D: Photographs**

(Please see SAR test setup photos.)